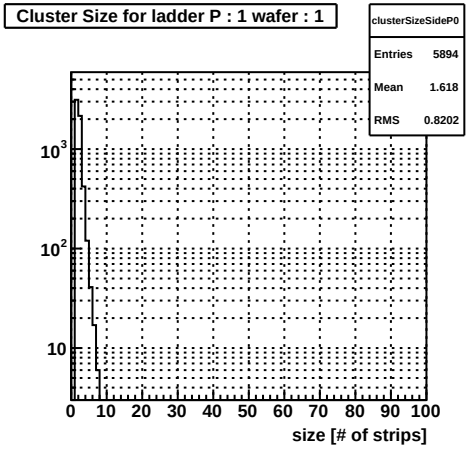
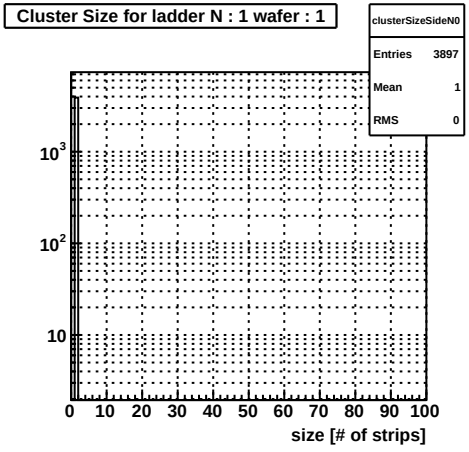
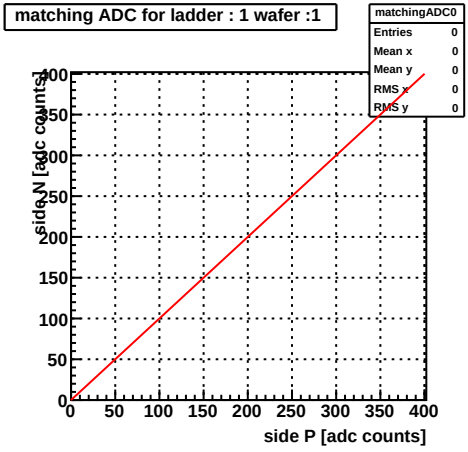
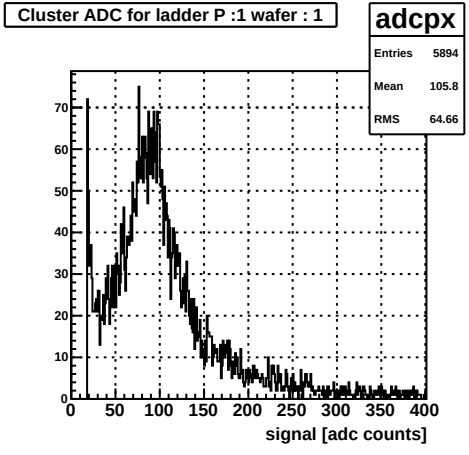
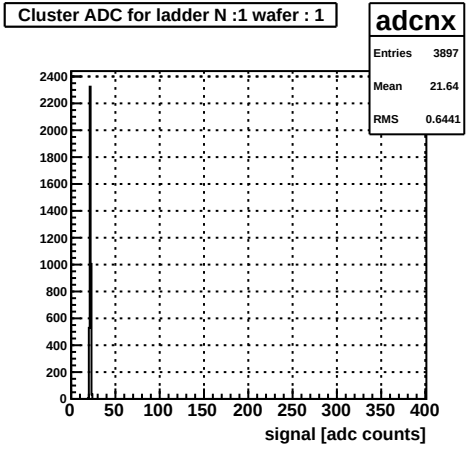
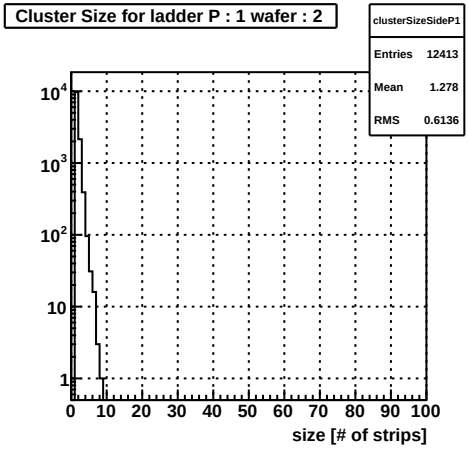

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 5894
Mean 1.618
RMS 0.8202
size [# of strips]

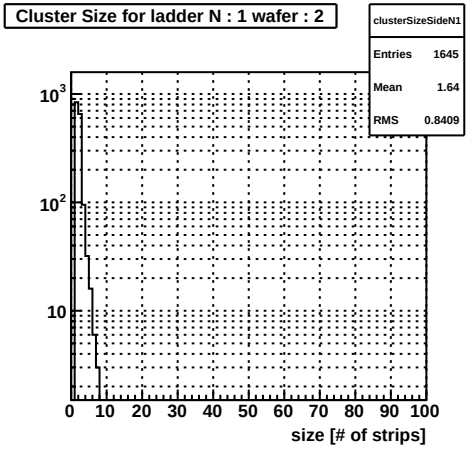

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3897
Mean 1
RMS 0
size [# of strips]

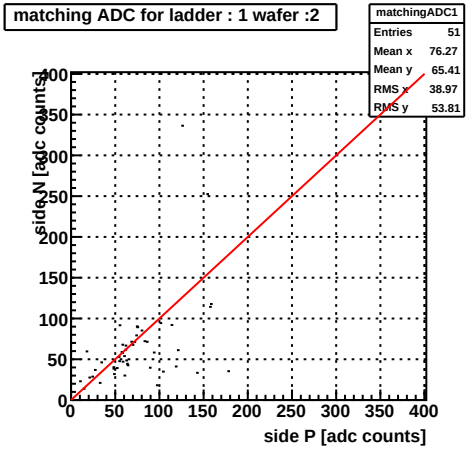

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

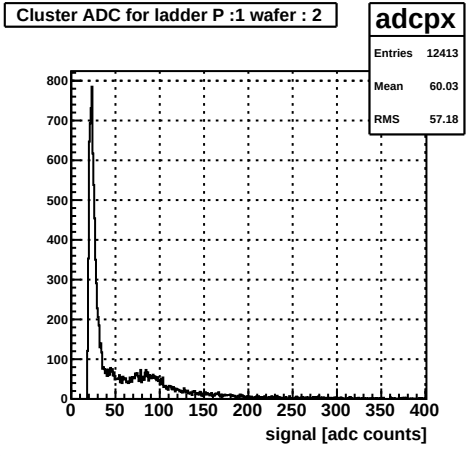

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 5894
Mean 105.8
RMS 64.66
signal [adc counts]

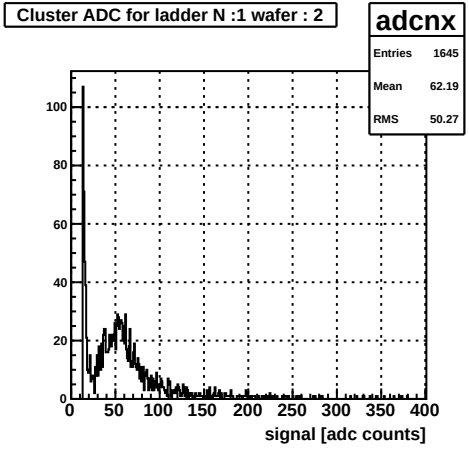

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3897
Mean 21.64
RMS 0.6441
signal [adc counts]

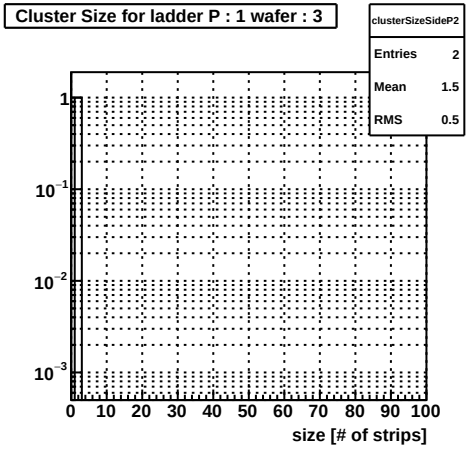

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 12413
Mean 1.278
RMS 0.6136
size [# of strips]

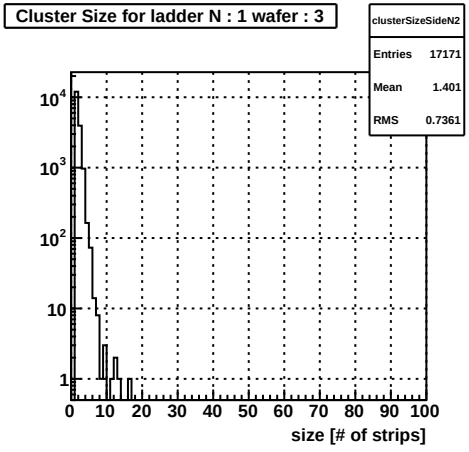

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 1645
Mean 1.64
RMS 0.8409
size [# of strips]

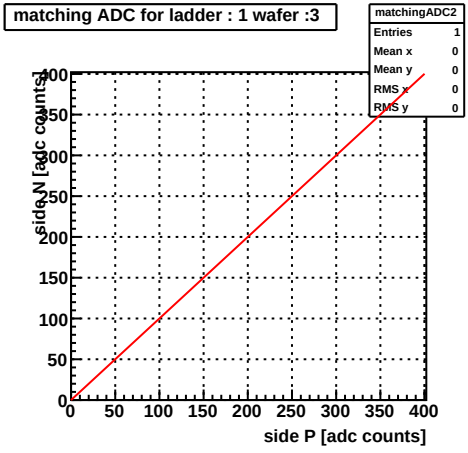

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 51
Mean x 76.27
Mean y 65.41
RMS x 38.97
RMS y 53.81
side N [adc counts]
side P [adc counts]

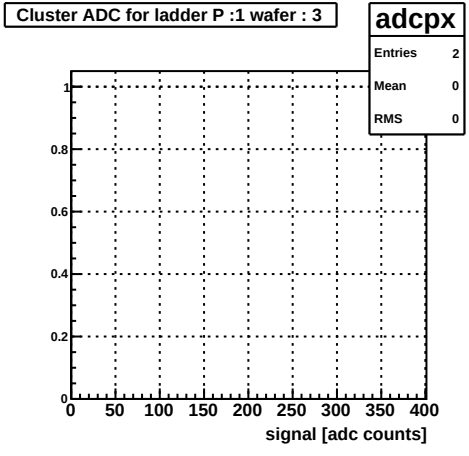

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 12413
Mean 60.03
RMS 57.18
signal [adc counts]

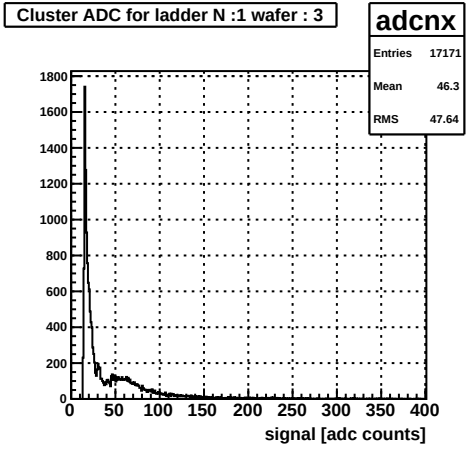

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 1645
Mean 62.19
RMS 50.27
signal [adc counts]

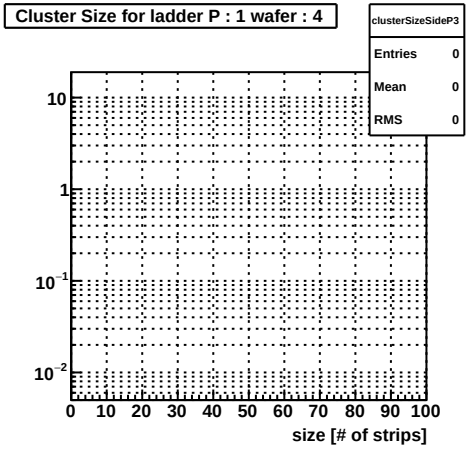

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

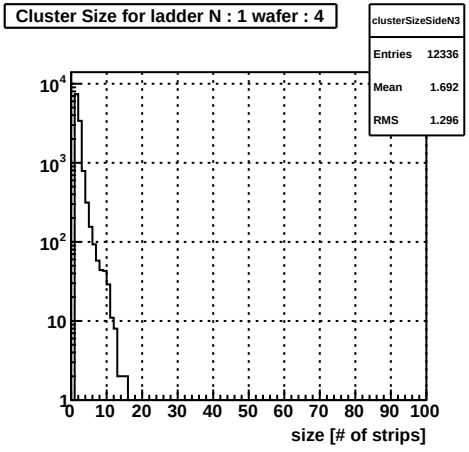

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 17171
Mean 1.401
RMS 0.7361
size [# of strips]

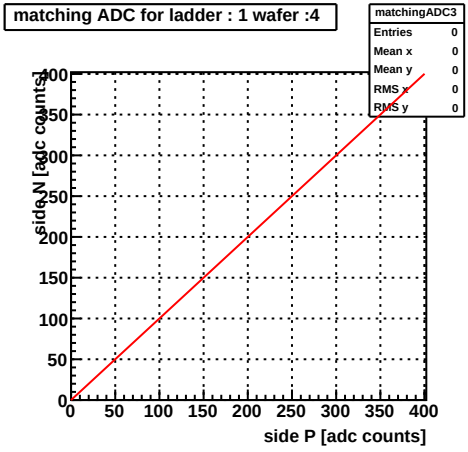

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

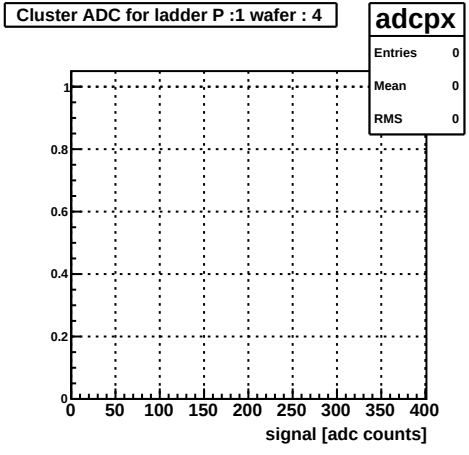

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

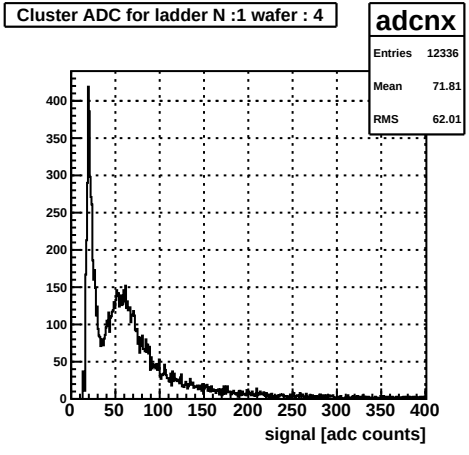

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 17171
Mean 46.3
RMS 47.64
signal [adc counts]

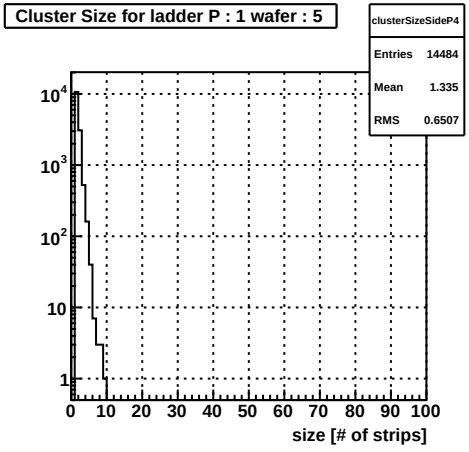

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

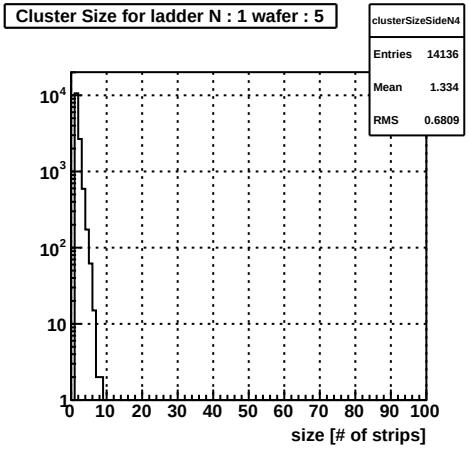

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 12336
Mean 1.692
RMS 1.296
size [# of strips]

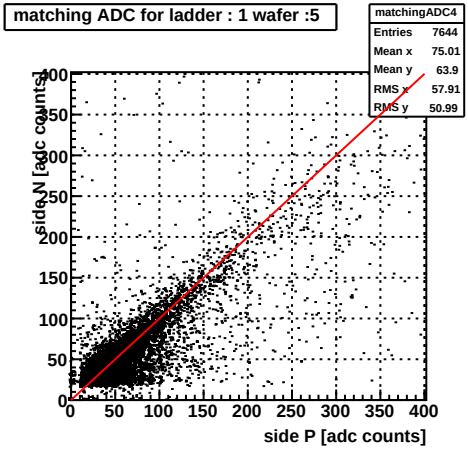

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

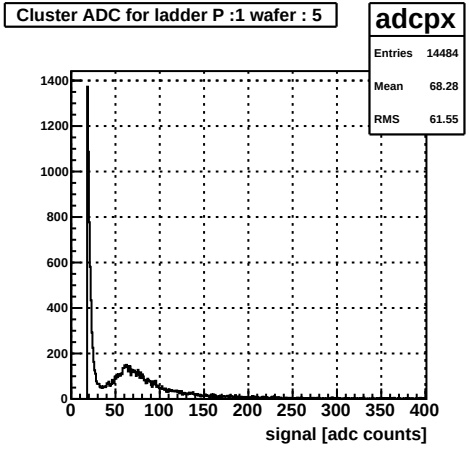

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

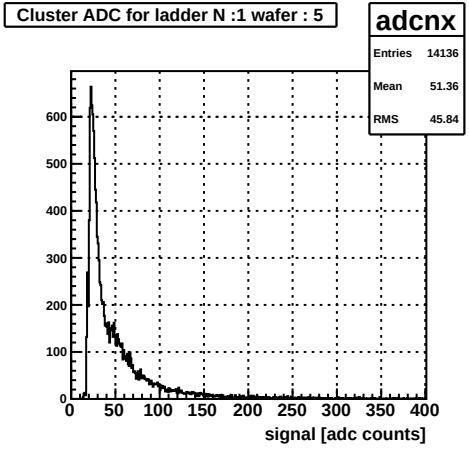

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 12336
Mean 71.81
RMS 62.01
signal [adc counts]

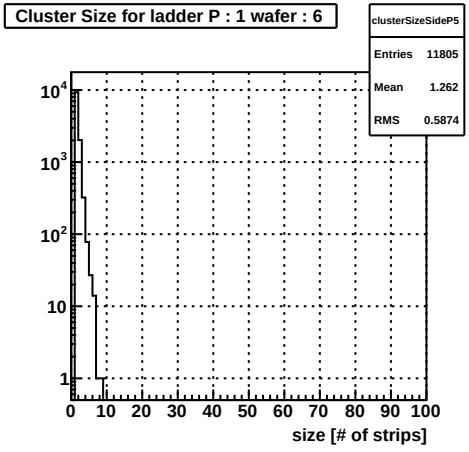

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 14484
Mean 1.335
RMS 0.6507
size [# of strips]

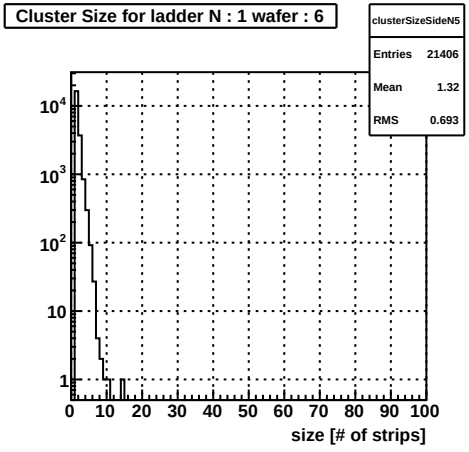

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 14136
Mean 1.334
RMS 0.6809
size [# of strips]

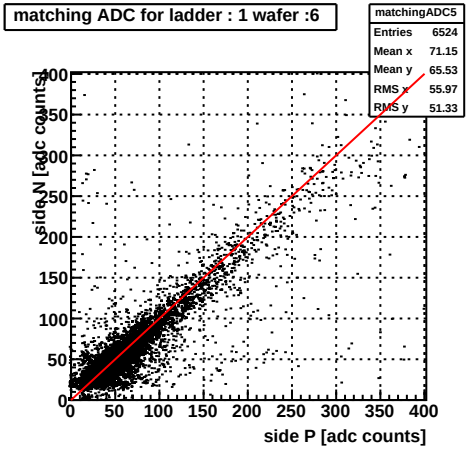

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 7644
Mean x 75.01
Mean y 63.9
RMS x 57.91
RMS y 50.99
side N [adc counts]
side P [adc counts]

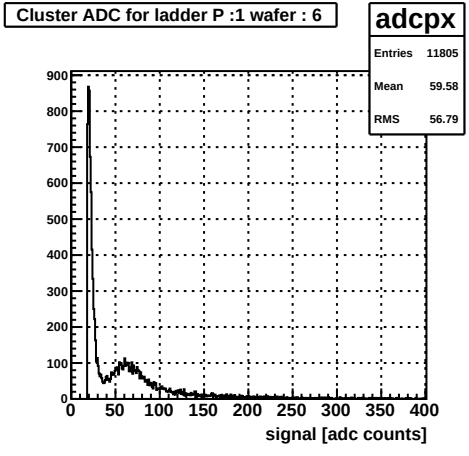

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 14484
Mean 68.28
RMS 61.55
signal [adc counts]

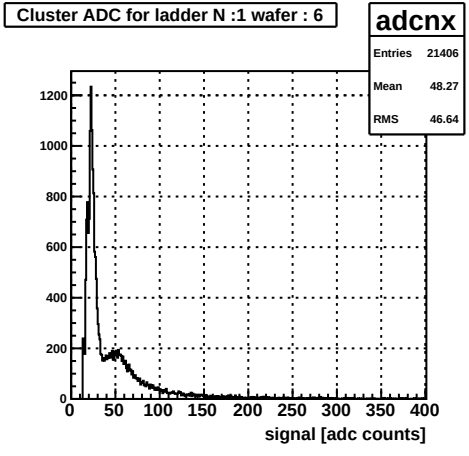

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 14136
Mean 51.36
RMS 45.84
signal [adc counts]

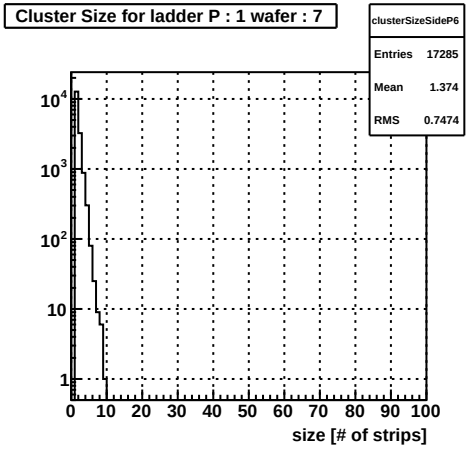

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 11805
Mean 1.262
RMS 0.5874
size [# of strips]

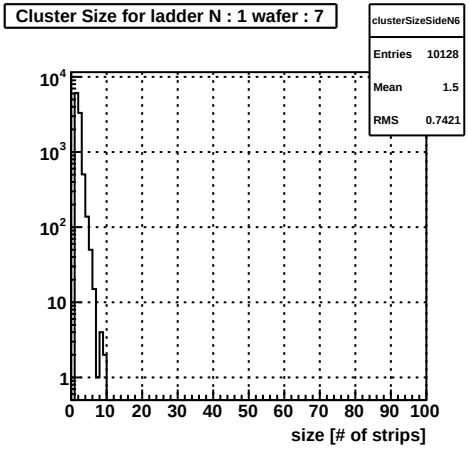

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 21406
Mean 1.32
RMS 0.693
size [# of strips]

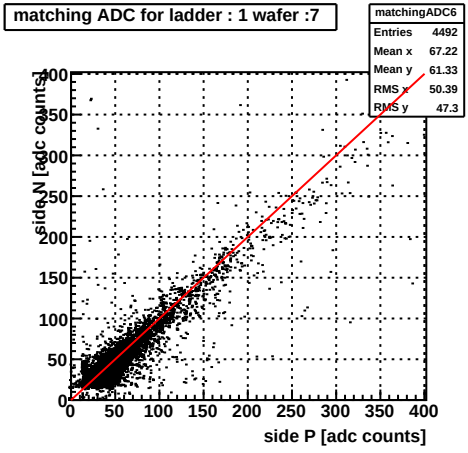

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 6524
Mean x 71.15
Mean y 65.53
RMS x 55.97
RMS y 51.33
side N [adc counts]
side P [adc counts]

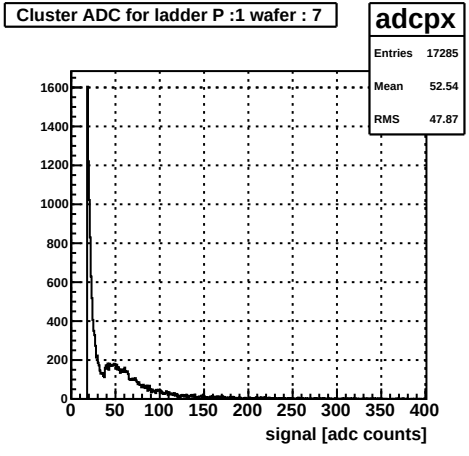

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 11805
Mean 59.58
RMS 56.79
signal [adc counts]

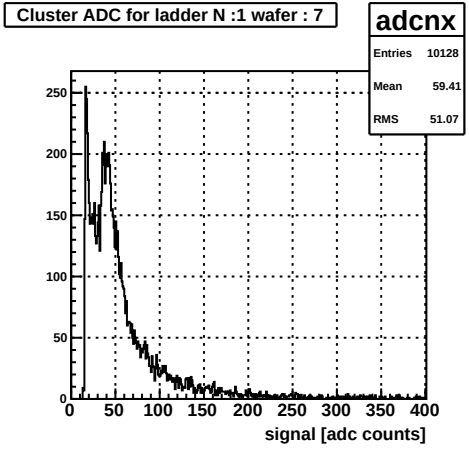

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 21406
Mean 48.27
RMS 46.64
signal [adc counts]

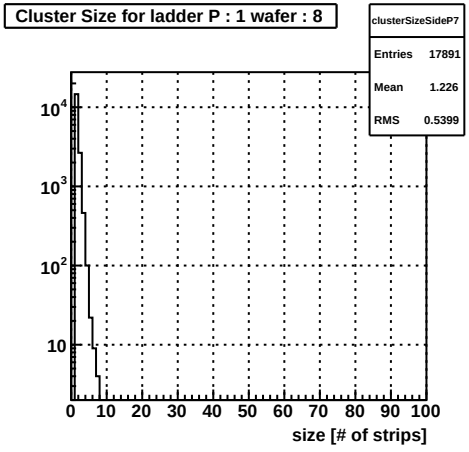

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 17285
Mean 1.374
RMS 0.7474
size [# of strips]

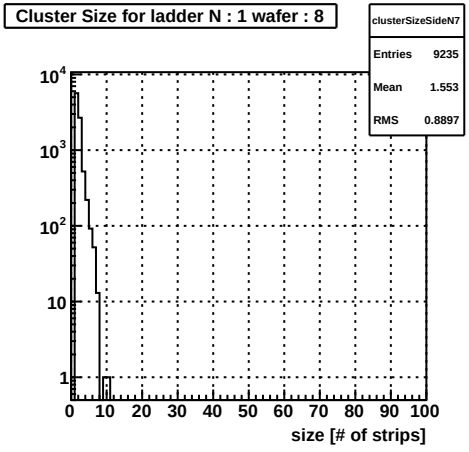

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 10128
Mean 1.5
RMS 0.7421
size [# of strips]

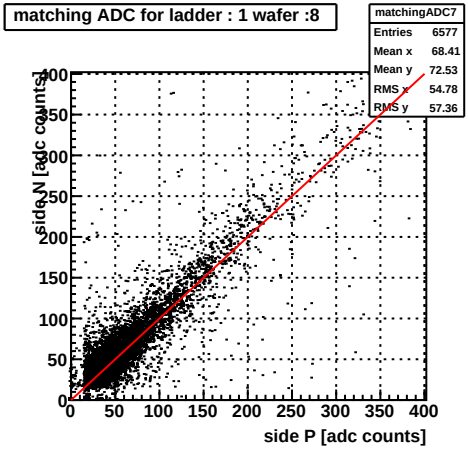

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 4492
Mean x 67.22
Mean y 61.33
RMS x 50.39
RMS y 47.3
side N [adc counts]
side P [adc counts]

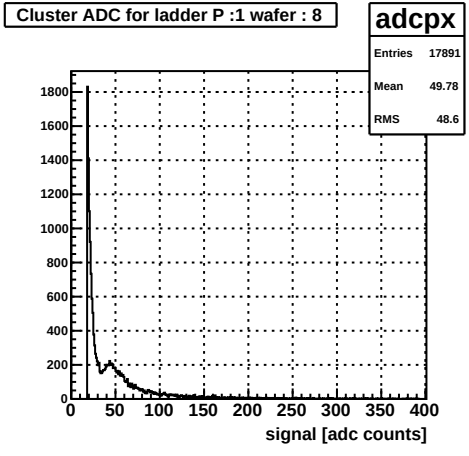

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 17285
Mean 52.54
RMS 47.87
signal [adc counts]

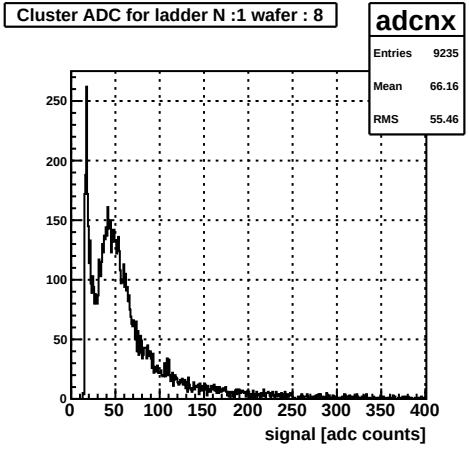

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 10128
Mean 59.41
RMS 51.07
signal [adc counts]

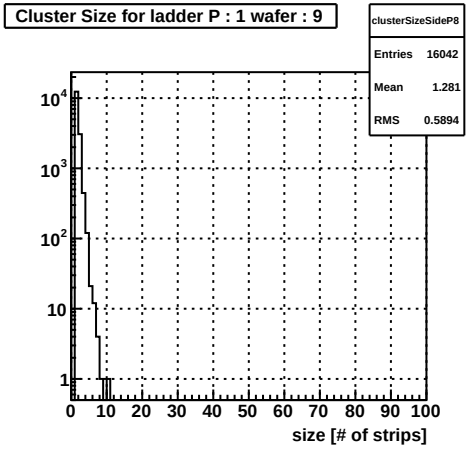

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 17891
Mean 1.226
RMS 0.5399
size [# of strips]

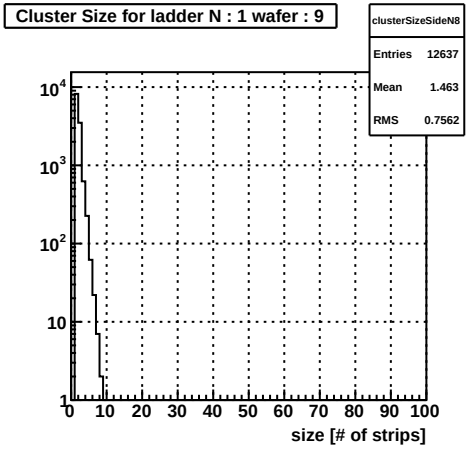

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 9235
Mean 1.553
RMS 0.8897
size [# of strips]

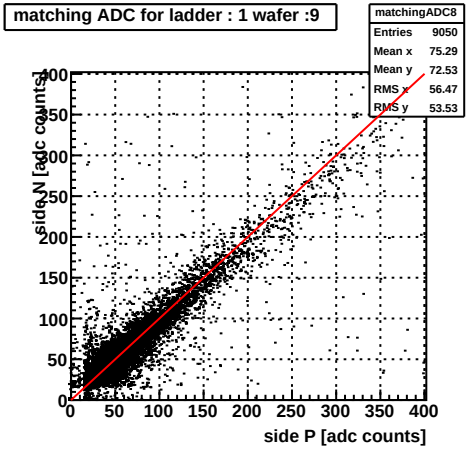

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 6577
Mean x 68.41
Mean y 72.53
RMS x 54.78
RMS y 57.36
side N [adc counts]
side P [adc counts]

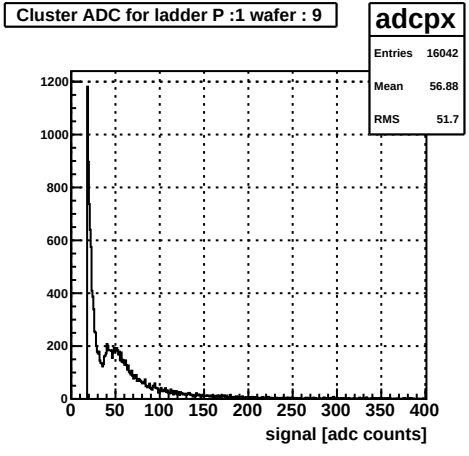

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 17891
Mean 49.78
RMS 48.6
signal [adc counts]

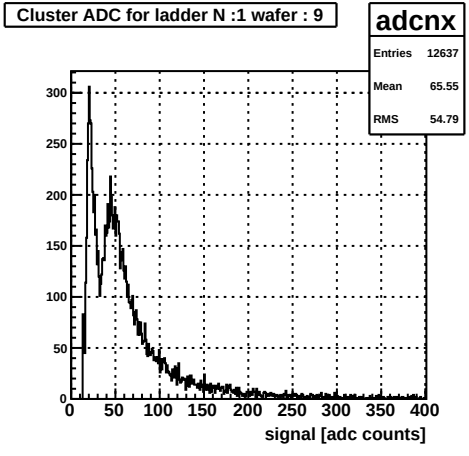

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 9235
Mean 66.16
RMS 55.46
signal [adc counts]

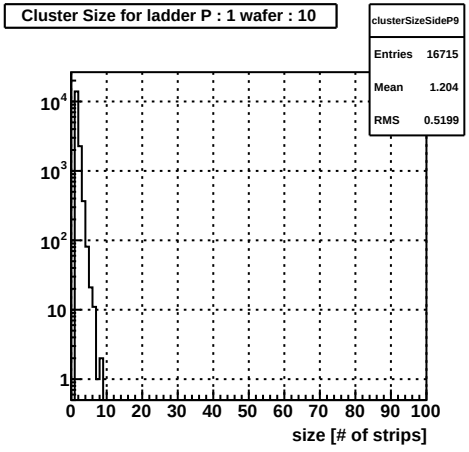

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 16042
Mean 1.281
RMS 0.5894
size [# of strips]

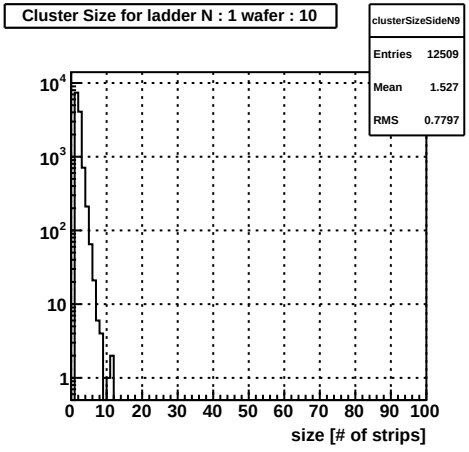

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 12637
Mean 1.463
RMS 0.7562
size [# of strips]

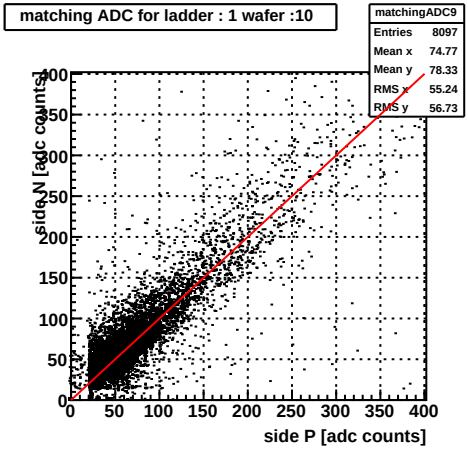

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 9050
Mean x 75.29
Mean y 72.53
RMS x 56.47
RMS y 53.53
side N [adc counts]
side P [adc counts]

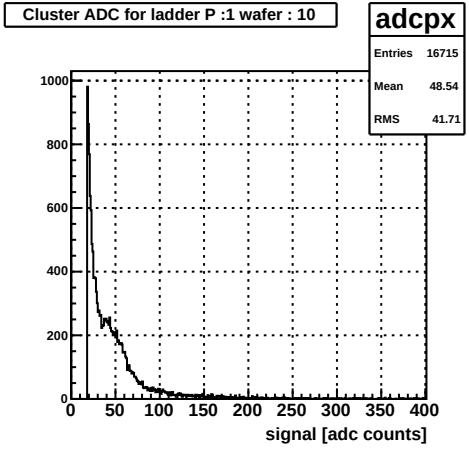

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 16042
Mean 56.88
RMS 51.7
signal [adc counts]

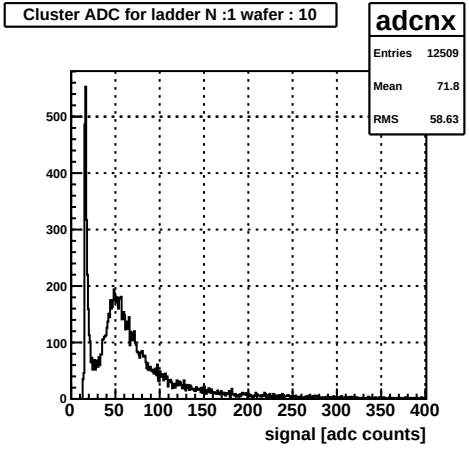

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 12637
Mean 65.55
RMS 54.79
signal [adc counts]

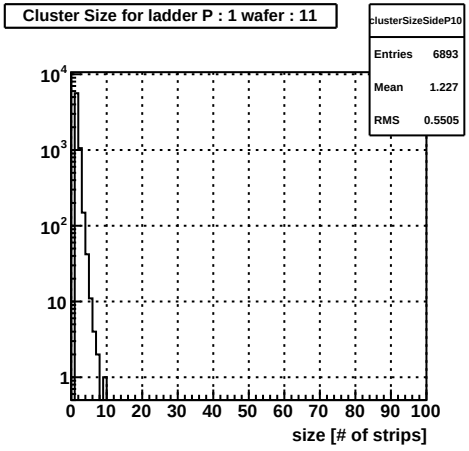

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 16715
Mean 1.204
RMS 0.5199
size [# of strips]

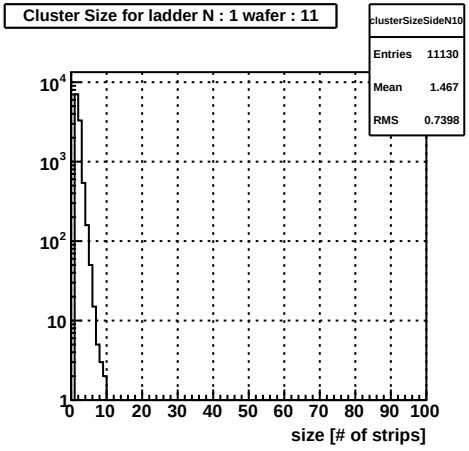

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 12509
Mean 1.527
RMS 0.7797
size [# of strips]

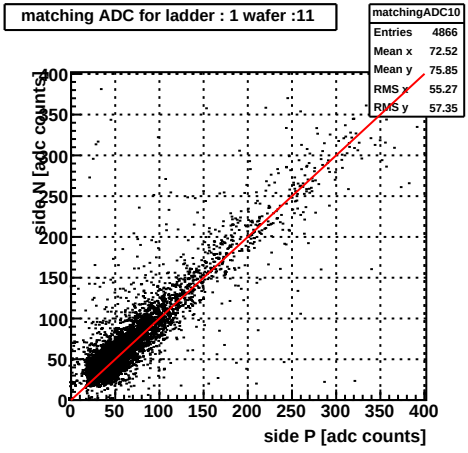

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 8097
Mean x 74.77
Mean y 78.33
RMS x 55.24
RMS y 56.73
side N [adc counts]
side P [adc counts]

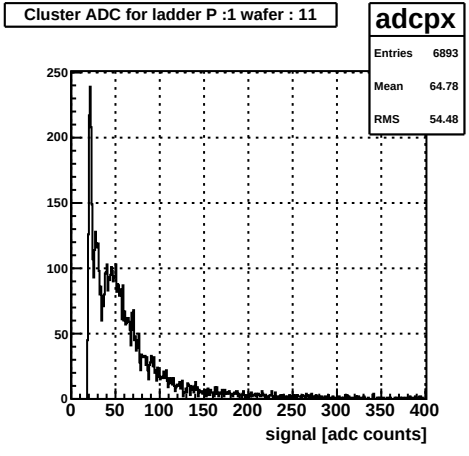

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 16715
Mean 48.54
RMS 41.71
signal [adc counts]

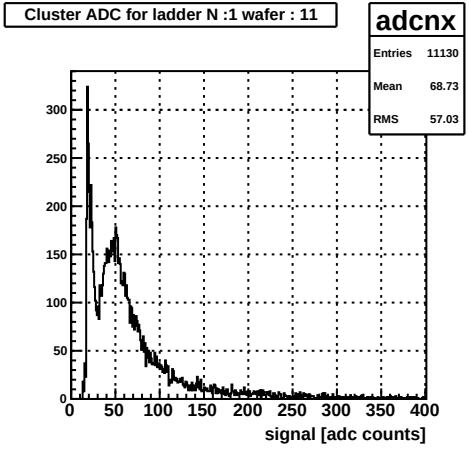

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 12509
Mean 71.8
RMS 58.63
signal [adc counts]

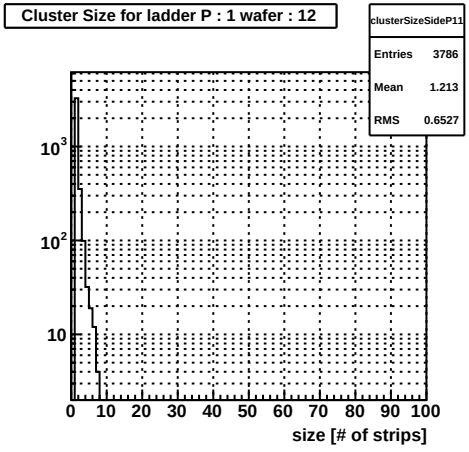

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6893
Mean 1.227
RMS 0.5505
size [# of strips]

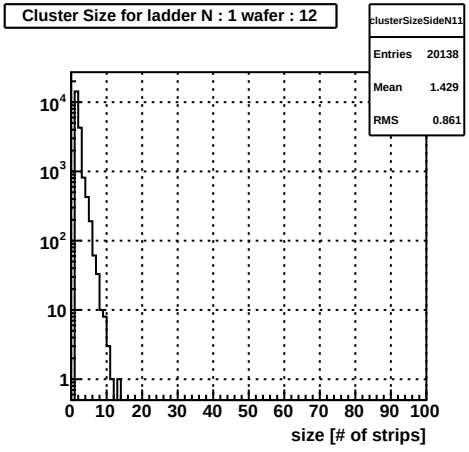

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 11130
Mean 1.467
RMS 0.7398
size [# of strips]

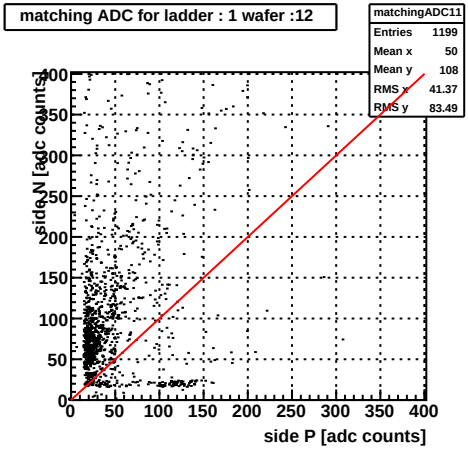

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 4866
Mean x 72.52
Mean y 75.85
RMS x 55.27
RMS y 57.35
side N [adc counts]
side P [adc counts]

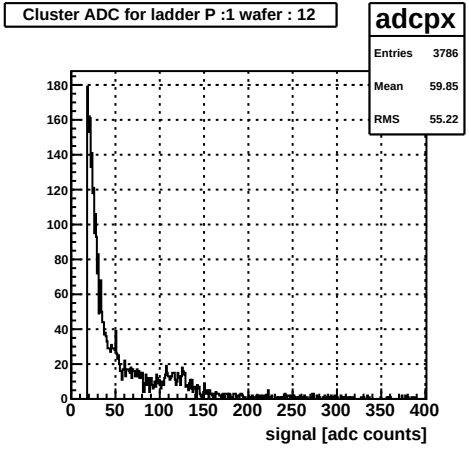

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6893
Mean 64.78
RMS 54.48
signal [adc counts]

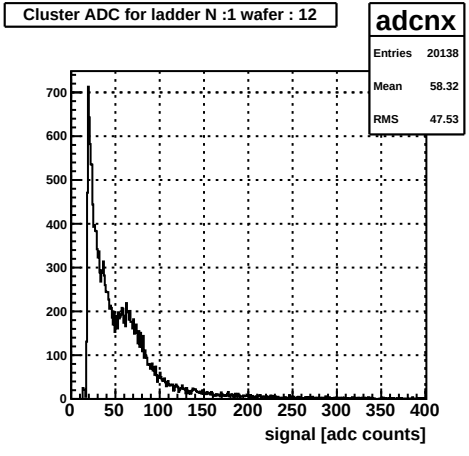

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 11130
Mean 68.73
RMS 57.03
signal [adc counts]

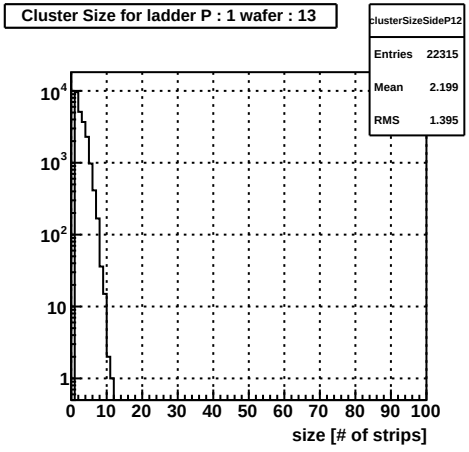

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 3786
Mean 1.213
RMS 0.6527
size [# of strips]

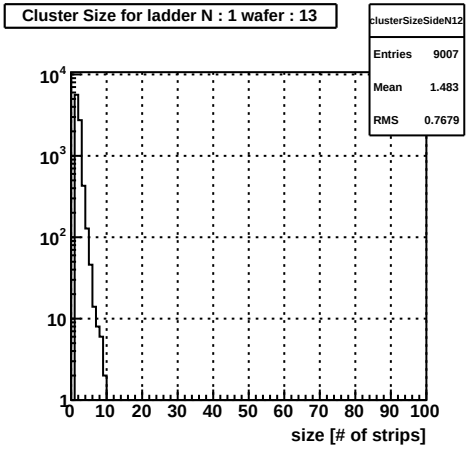

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 20138
Mean 1.429
RMS 0.861
size [# of strips]

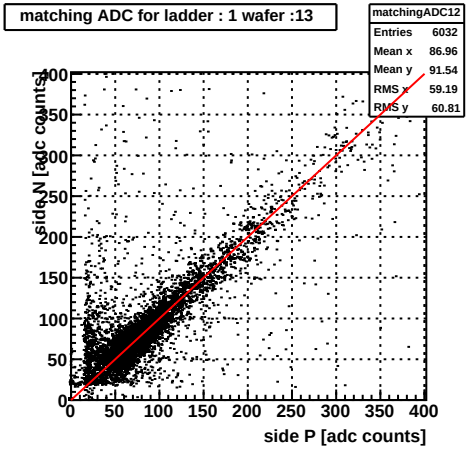

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1199
Mean x 50
Mean y 108
RMS x 41.37
RMS y 83.49
side N [adc counts]
side P [adc counts]

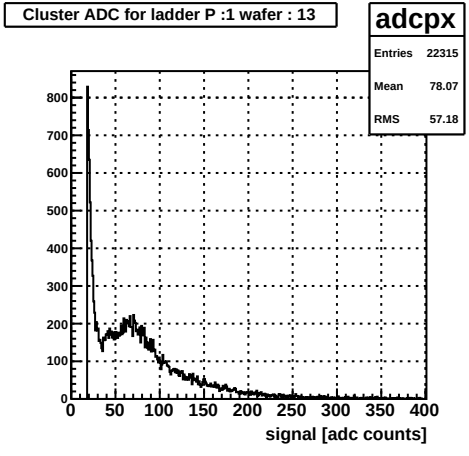

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 3786
Mean 59.85
RMS 55.22
signal [adc counts]

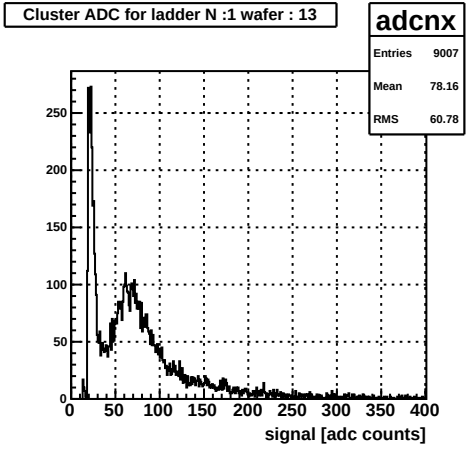

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 20138
Mean 58.32
RMS 47.53
signal [adc counts]

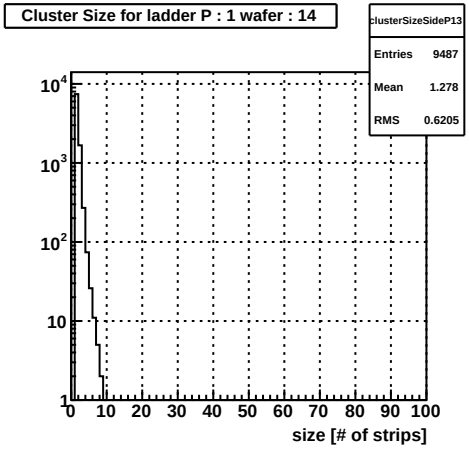

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 22315
Mean 2.199
RMS 1.395
size [# of strips]

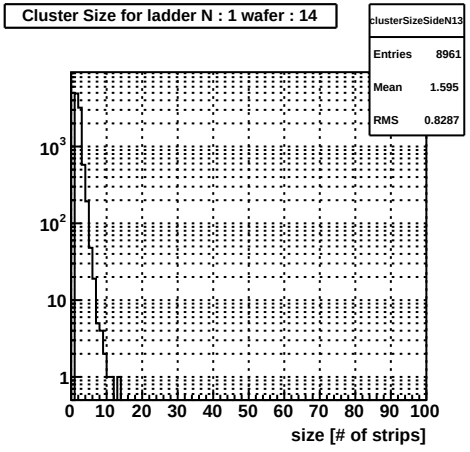

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 9007
Mean 1.483
RMS 0.7679
size [# of strips]

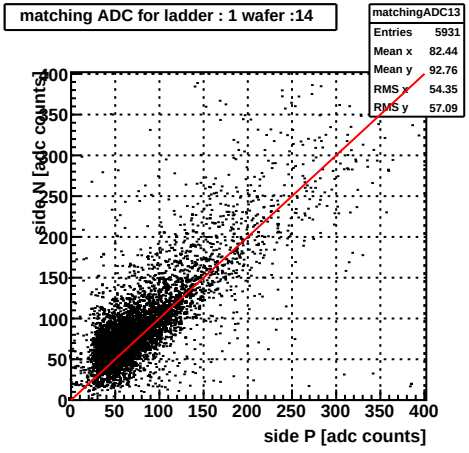

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 6032
Mean x 86.96
Mean y 91.54
RMS x 59.19
RMS y 60.81
side N [adc counts]
side P [adc counts]

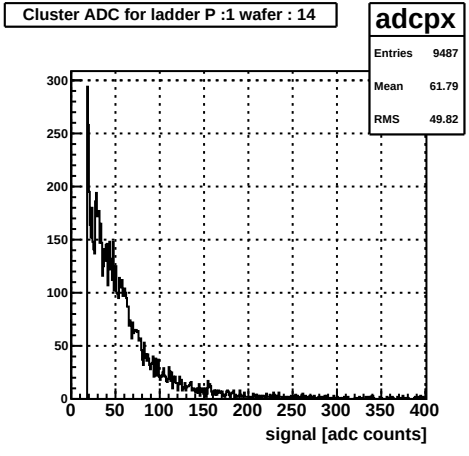

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 22315
Mean 78.07
RMS 57.18
signal [adc counts]

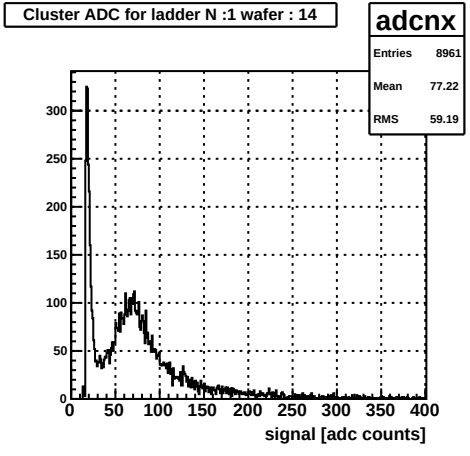

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 9007
Mean 78.16
RMS 60.78
signal [adc counts]

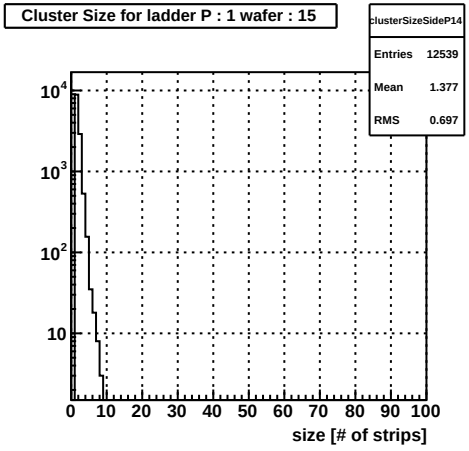

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 9487
Mean 1.278
RMS 0.6205
size [# of strips]

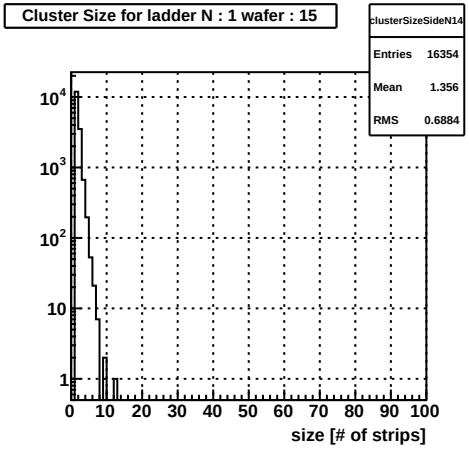

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 8961
Mean 1.595
RMS 0.8287
size [# of strips]

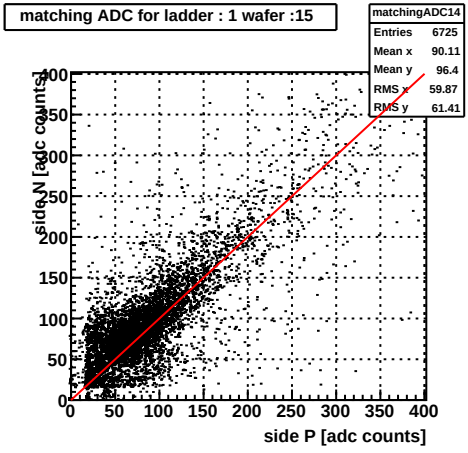

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 5931
Mean x 82.44
Mean y 92.76
RMS x 54.35
RMS y 57.09
side N [adc counts]
side P [adc counts]

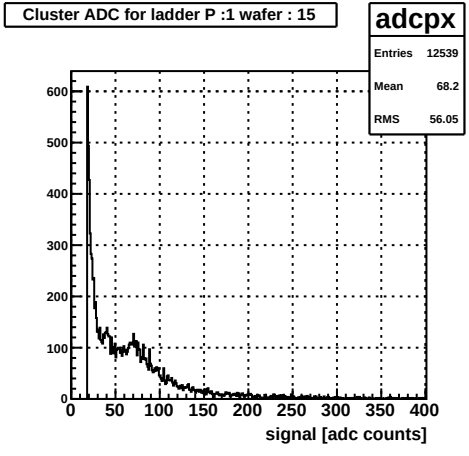

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 9487
Mean 61.79
RMS 49.82
signal [adc counts]

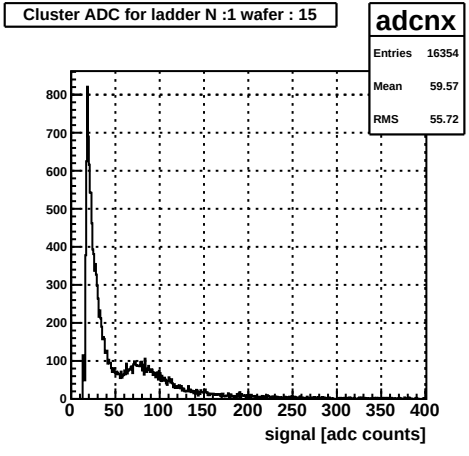

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 8961
Mean 77.22
RMS 59.19
signal [adc counts]

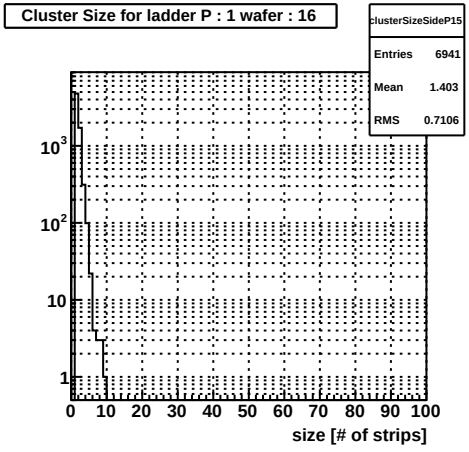

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 12539
Mean 1.377
RMS 0.697
size [# of strips]

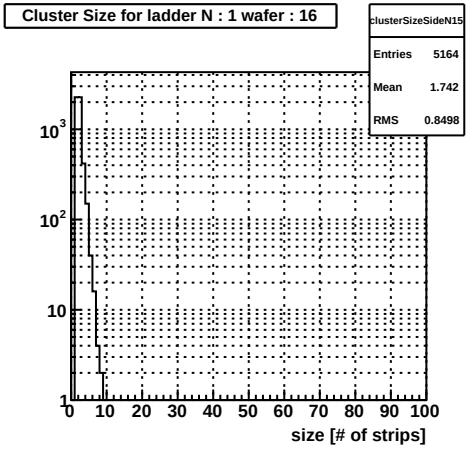

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 16354
Mean 1.356
RMS 0.6884
size [# of strips]

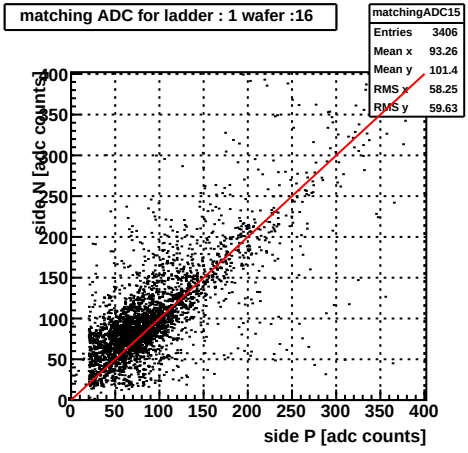

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 6725
Mean x 90.11
Mean y 96.4
RMS x 59.87
RMS y 61.41
side N [adc counts]
side P [adc counts]

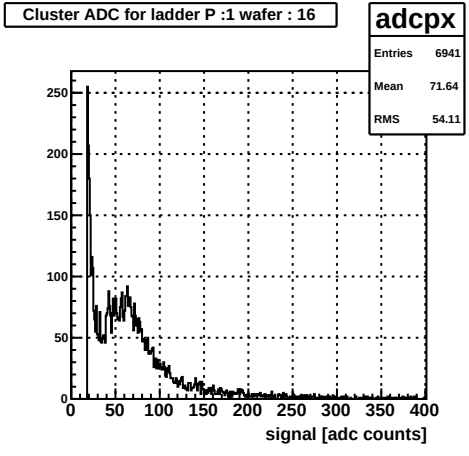

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 12539
Mean 68.2
RMS 56.05
signal [adc counts]

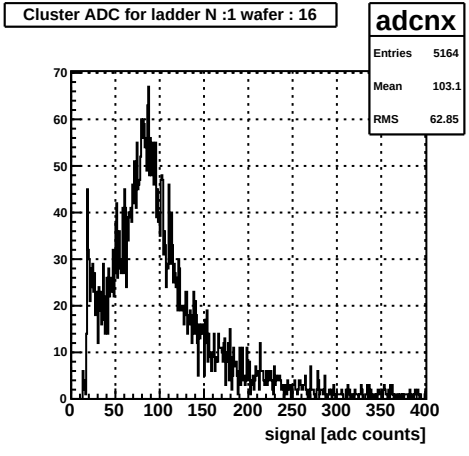

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 16354
Mean 59.57
RMS 55.72
signal [adc counts]

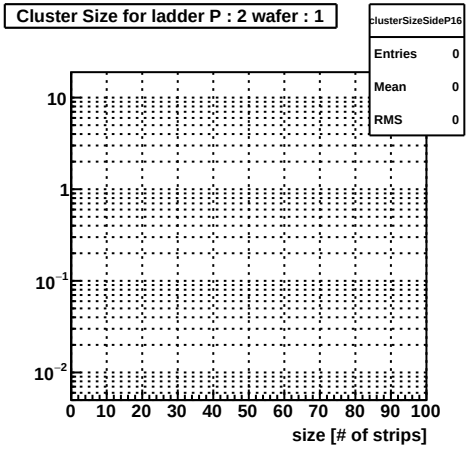

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 6941
Mean 1.403
RMS 0.7106
size [# of strips]

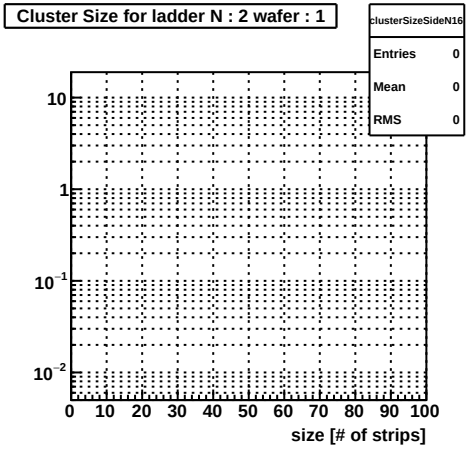

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 5164
Mean 1.742
RMS 0.8498
size [# of strips]

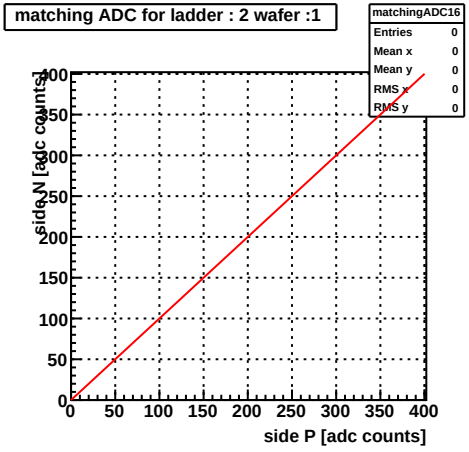

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 3406
Mean x 93.26
Mean y 101.4
RMS x 58.25
RMS y 59.63
side N [adc counts]
side P [adc counts]

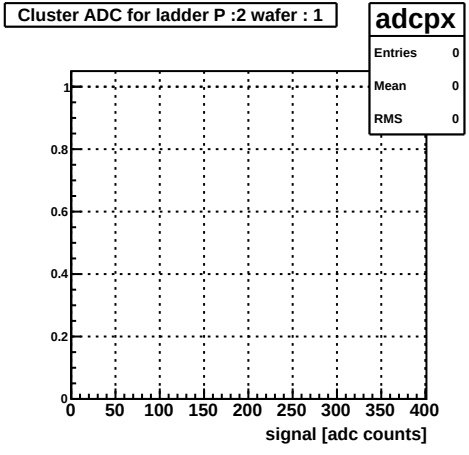

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 6941
Mean 71.64
RMS 54.11
signal [adc counts]

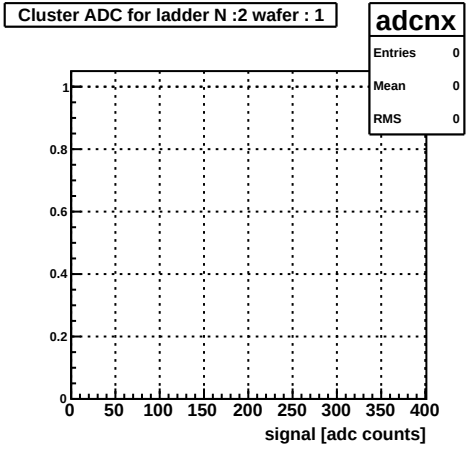

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 5164
Mean 103.1
RMS 62.85
signal [adc counts]

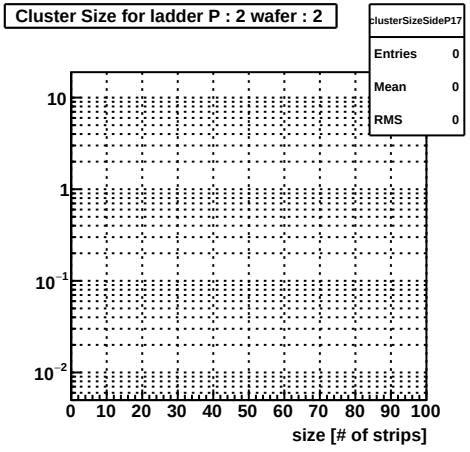

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

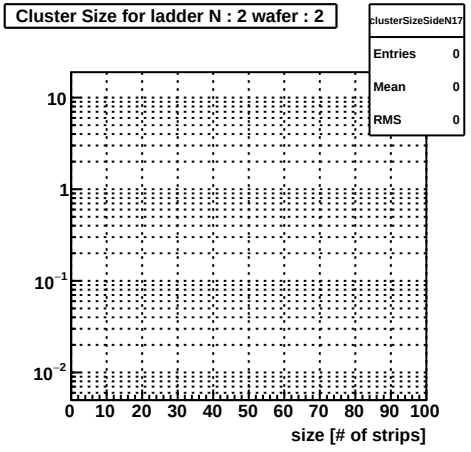

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

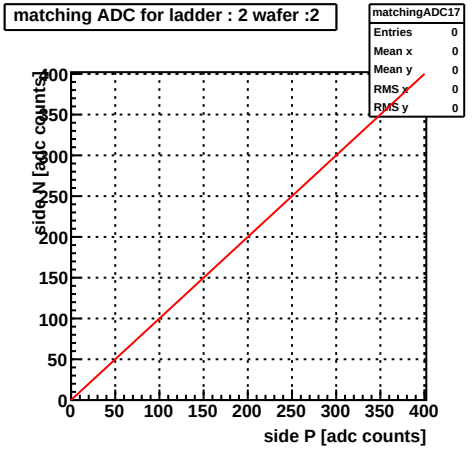

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

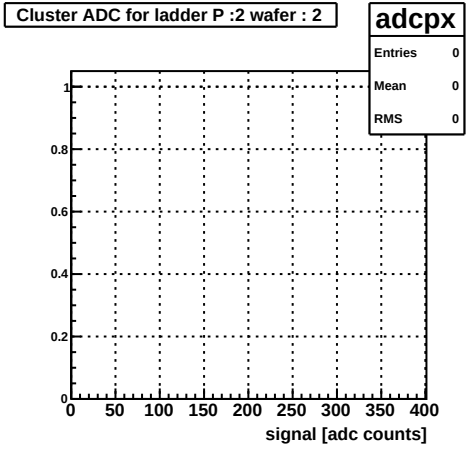

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

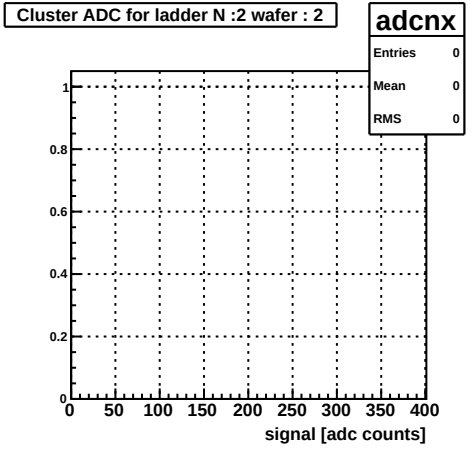

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

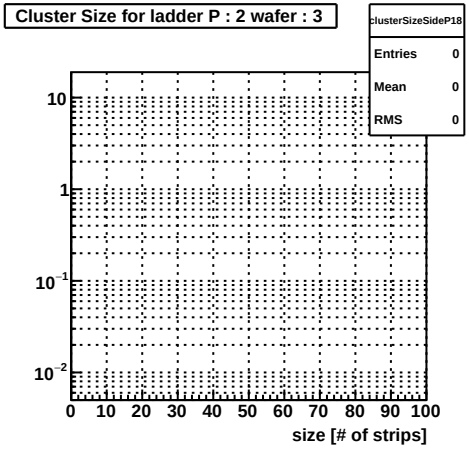

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

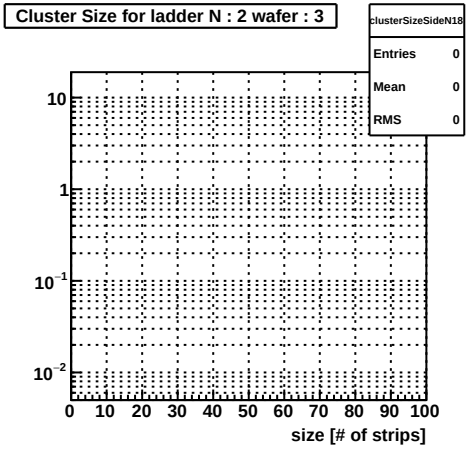

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

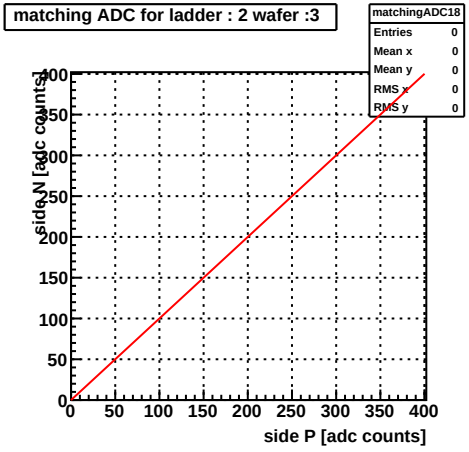

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

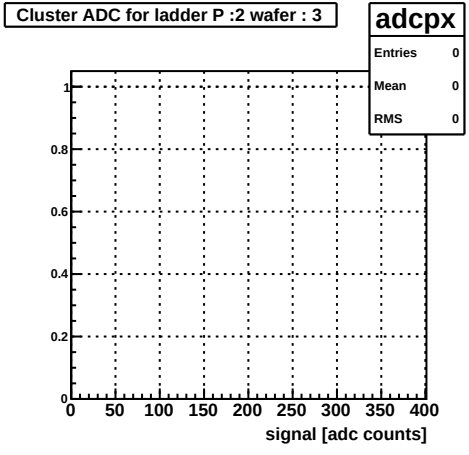

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

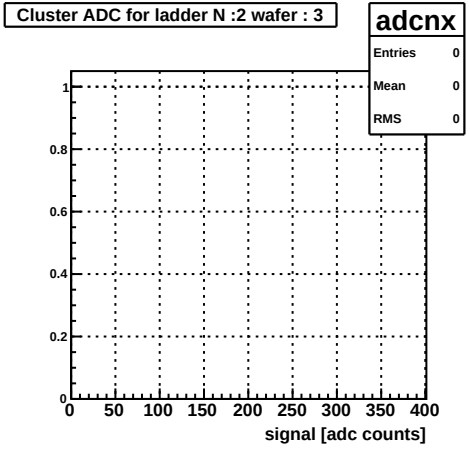

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

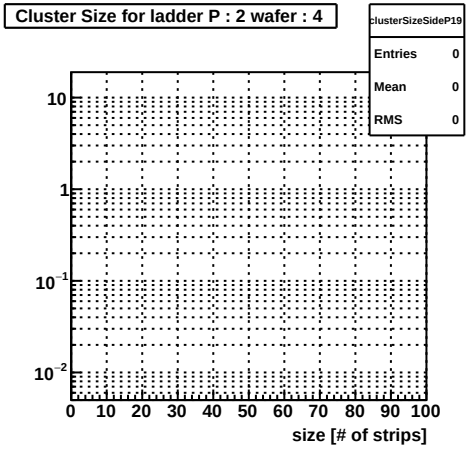

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

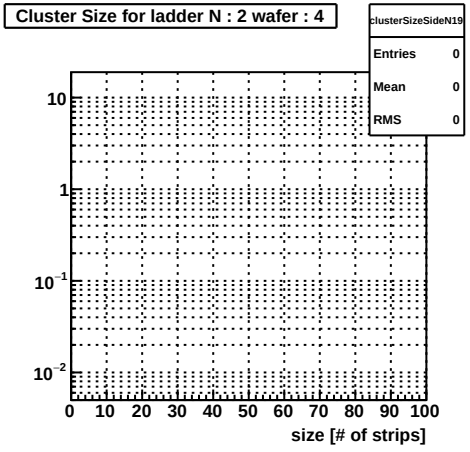

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

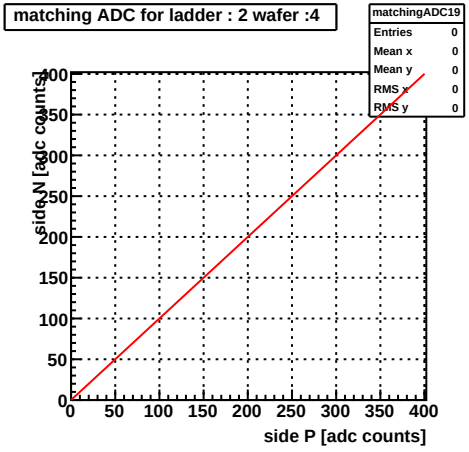

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

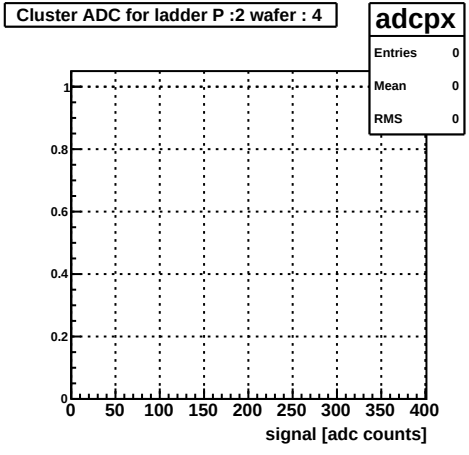

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

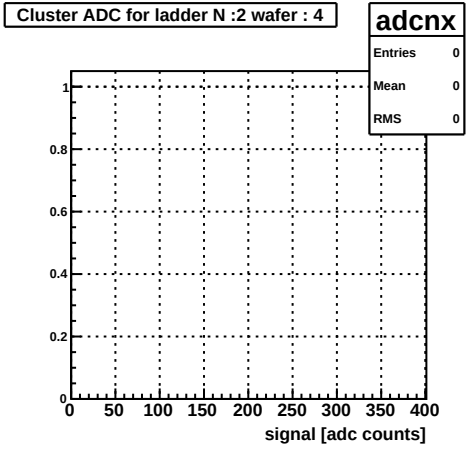

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

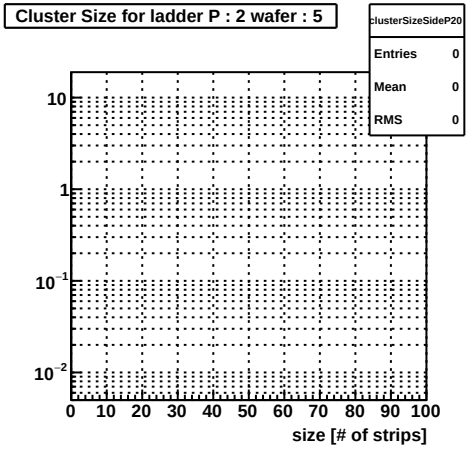

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

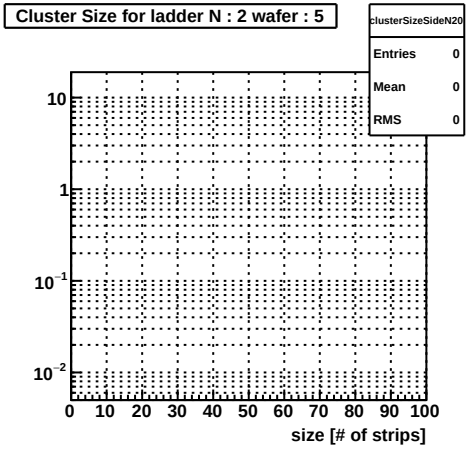

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

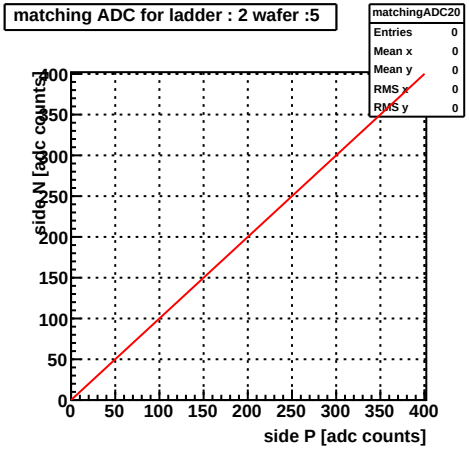

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

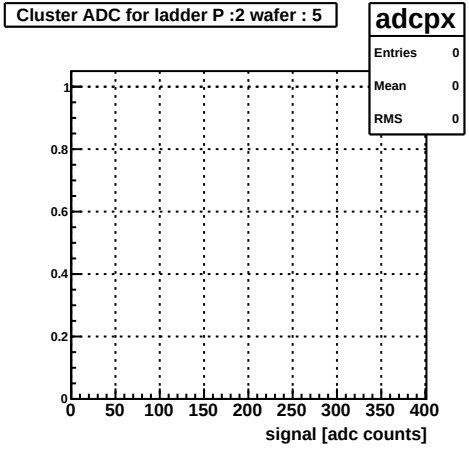

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

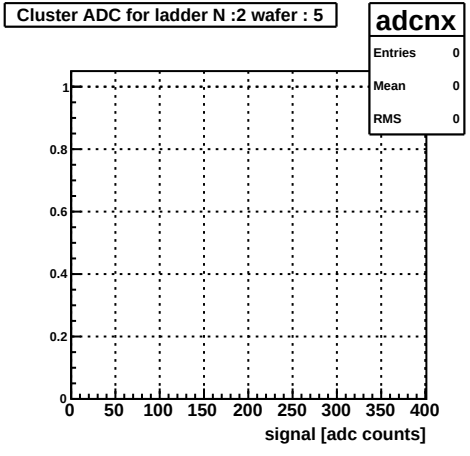

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

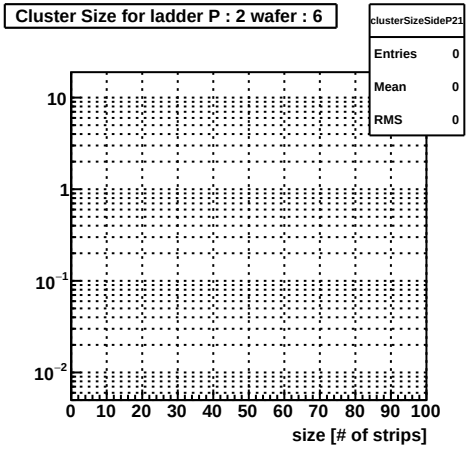

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

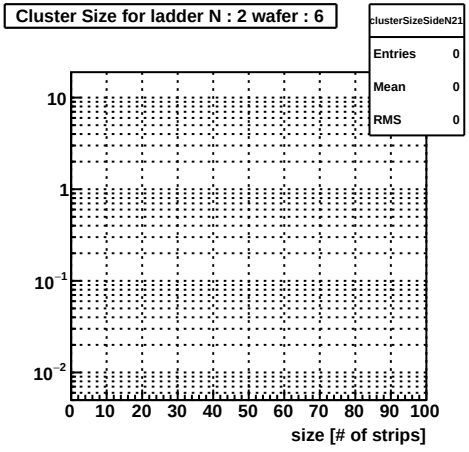

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

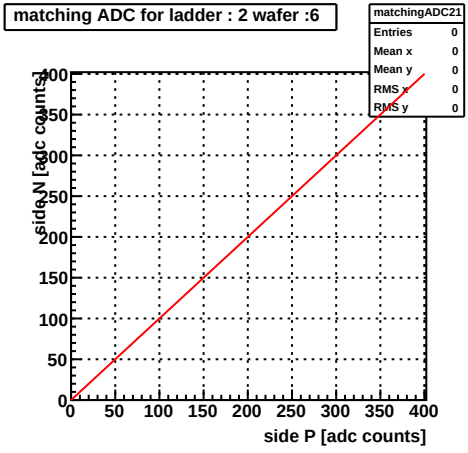

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

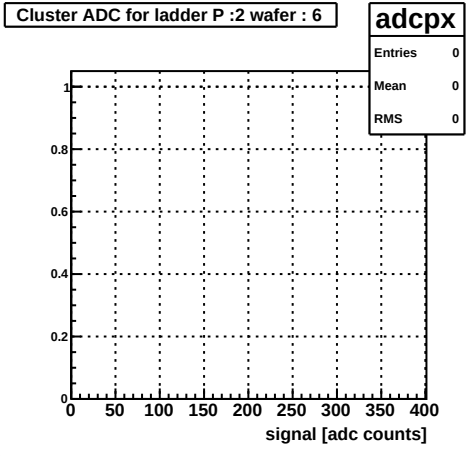

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

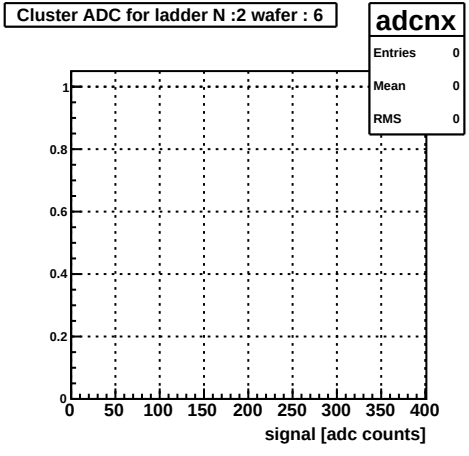

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

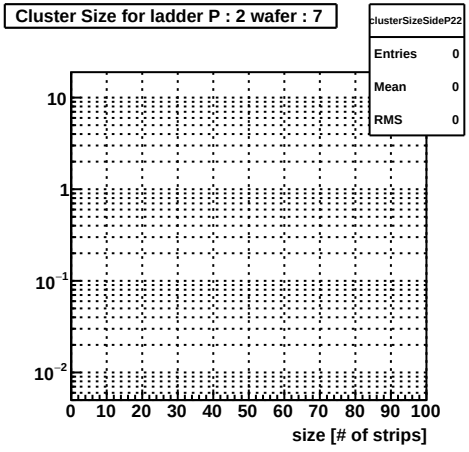

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

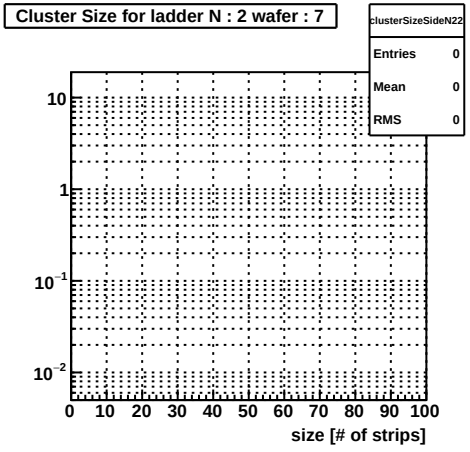

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

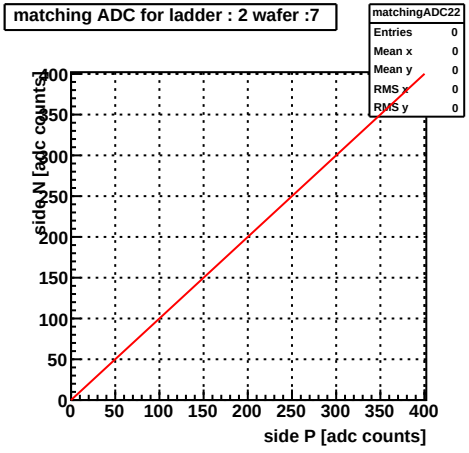

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

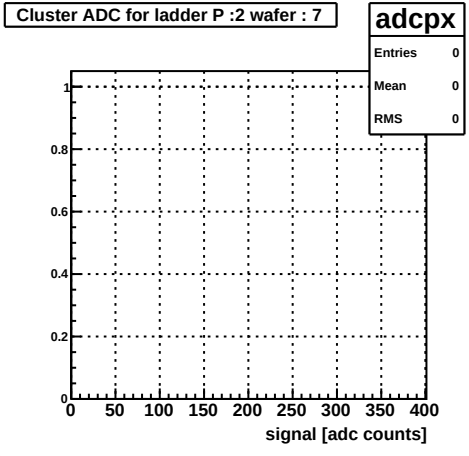

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

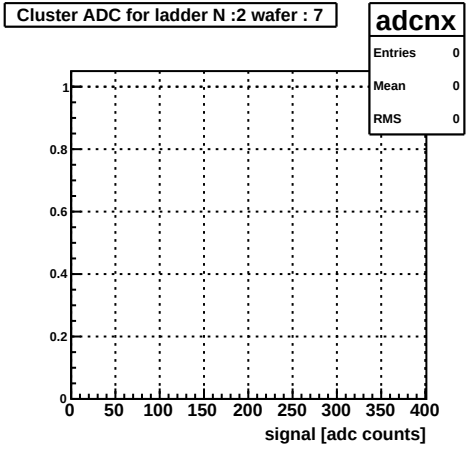

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

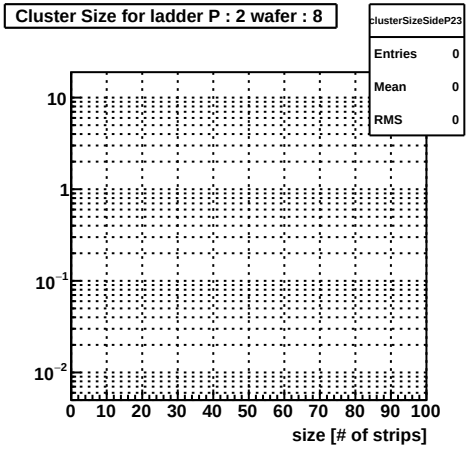

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

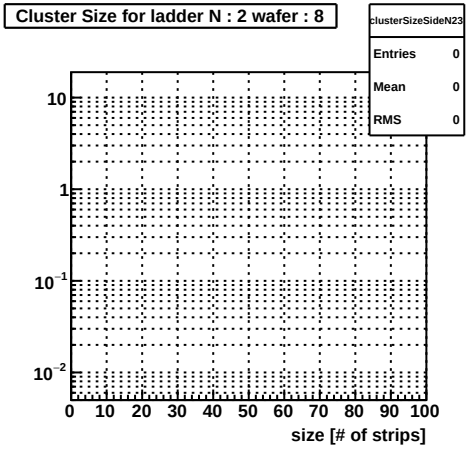

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

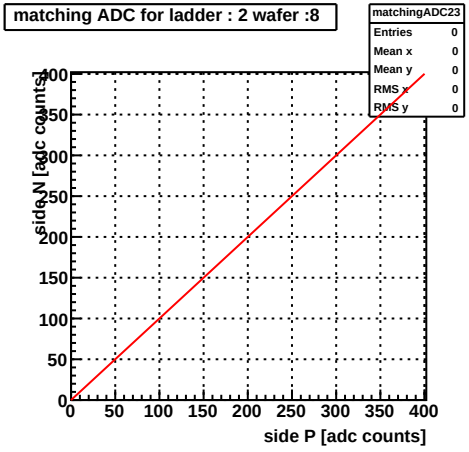

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

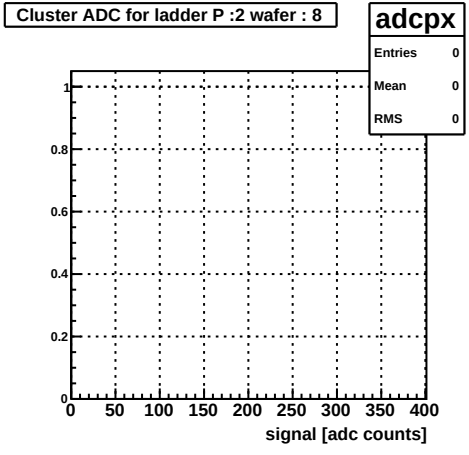

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

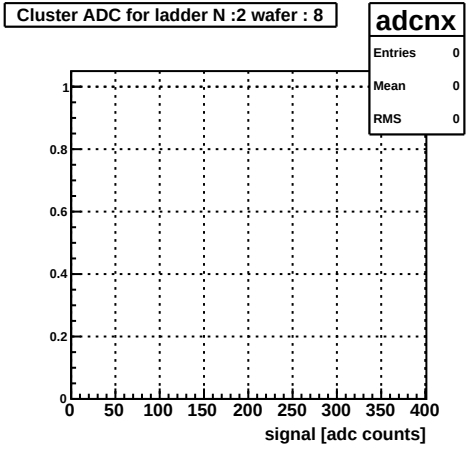

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

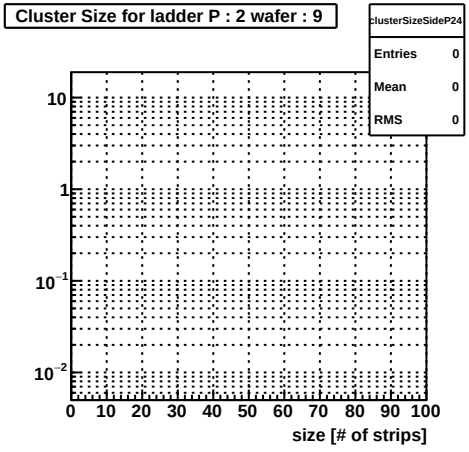

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

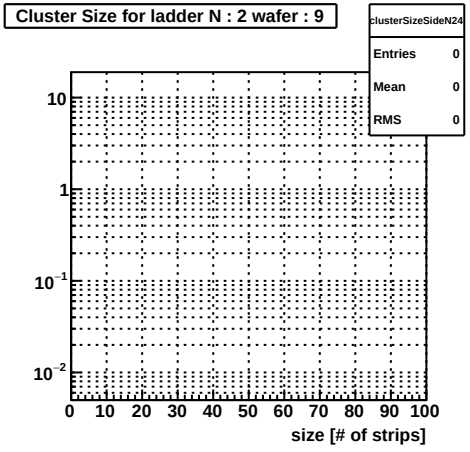

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

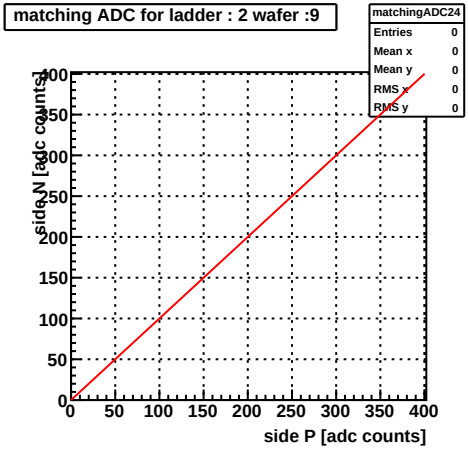

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

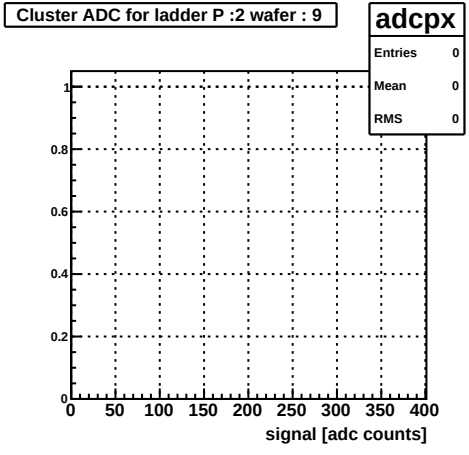

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

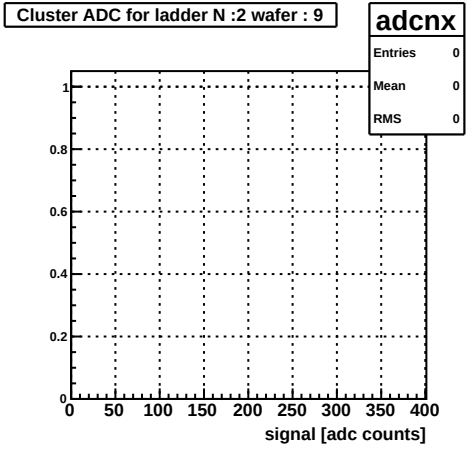

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

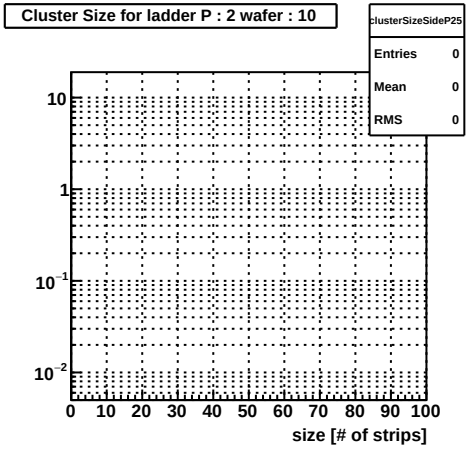

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

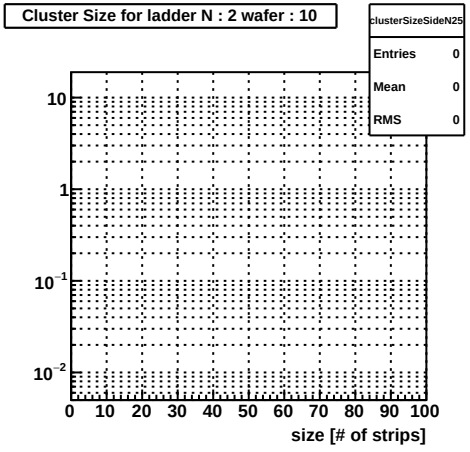

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

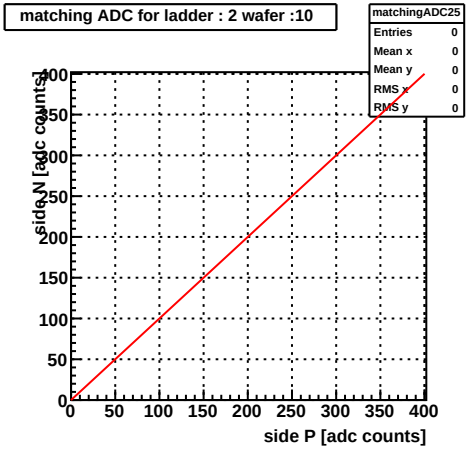

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

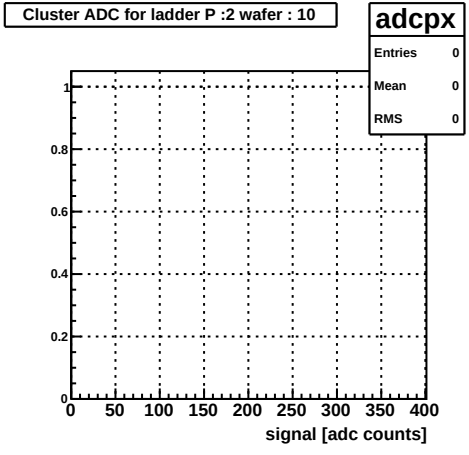

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

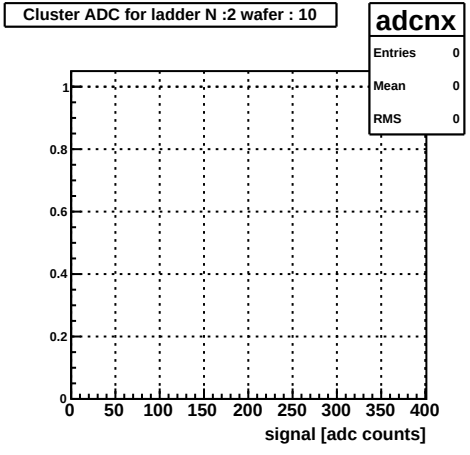

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

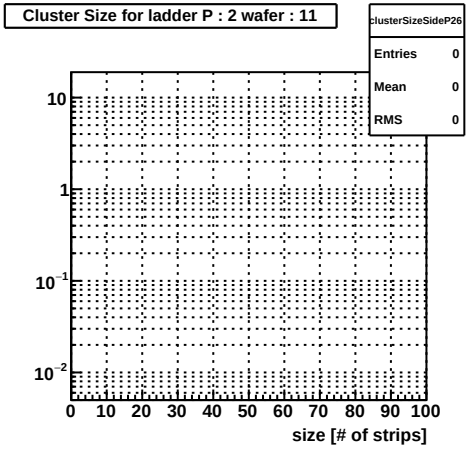

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

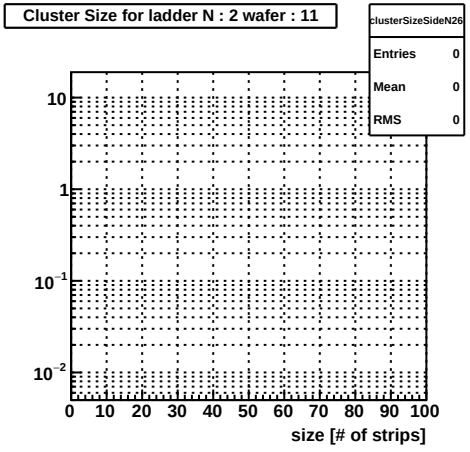

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

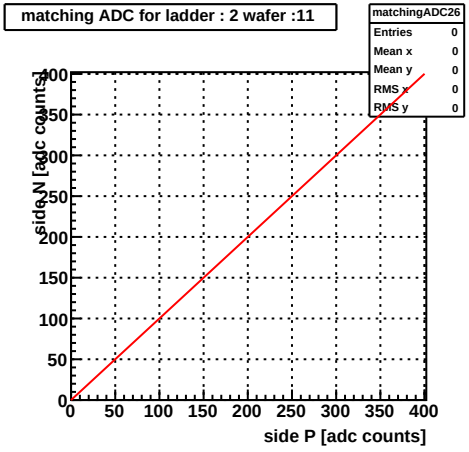

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

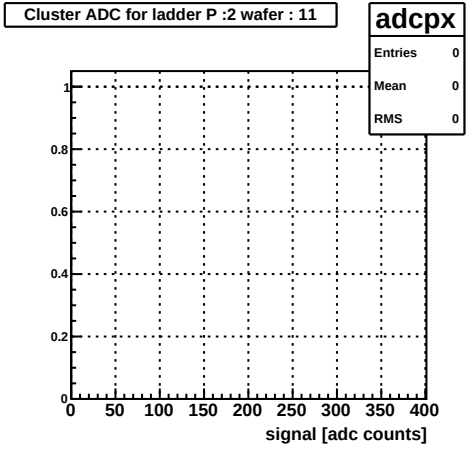

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

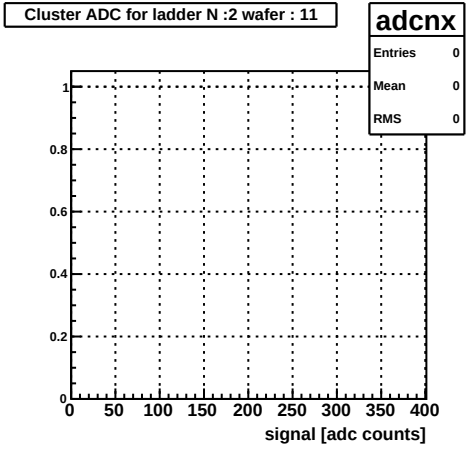

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

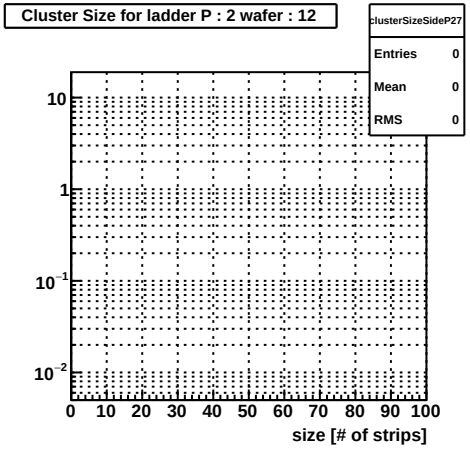

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

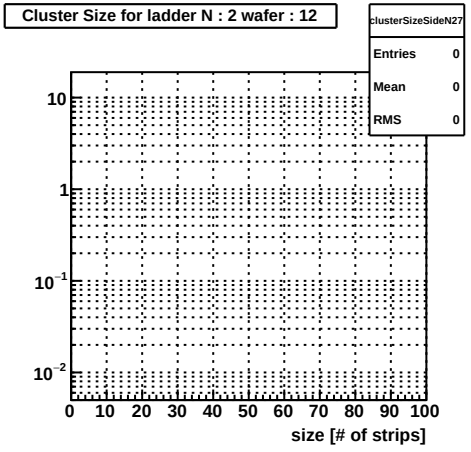

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

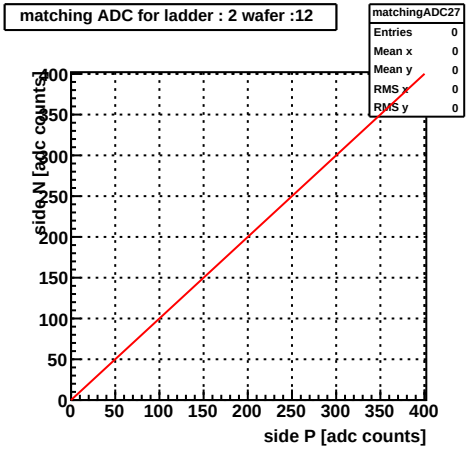

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

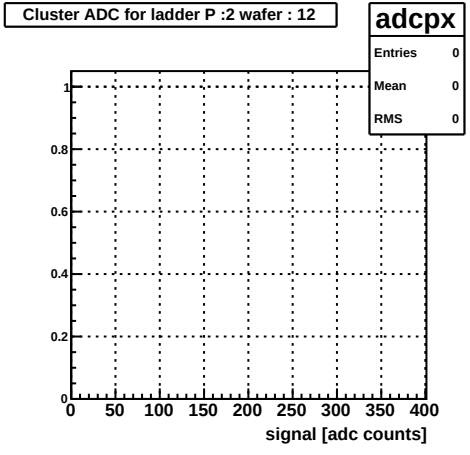

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

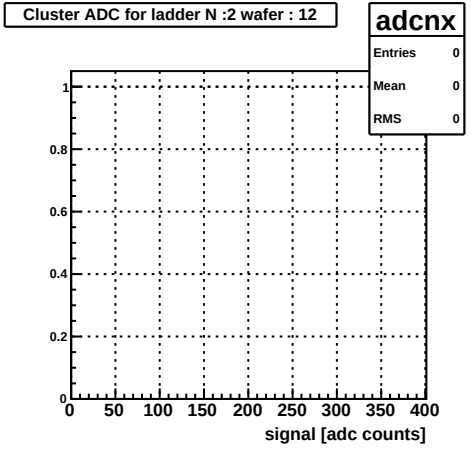

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

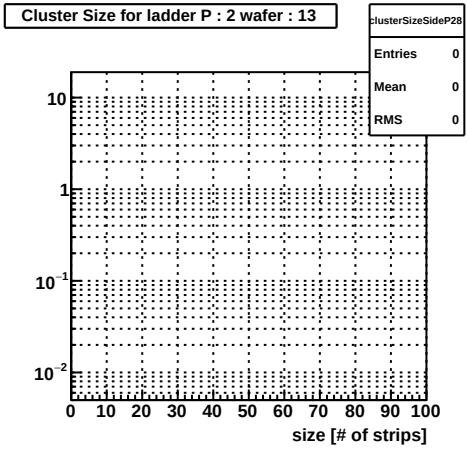

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

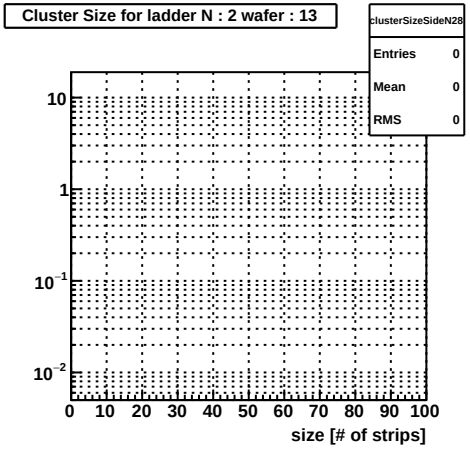

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

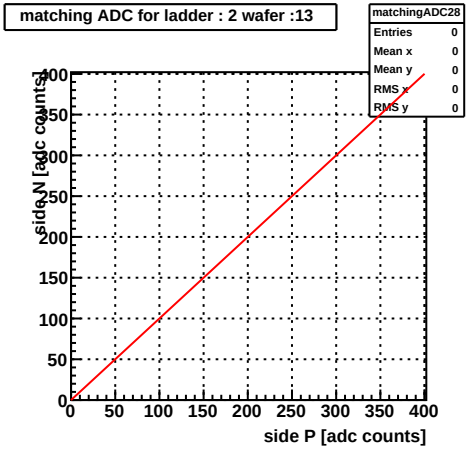

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

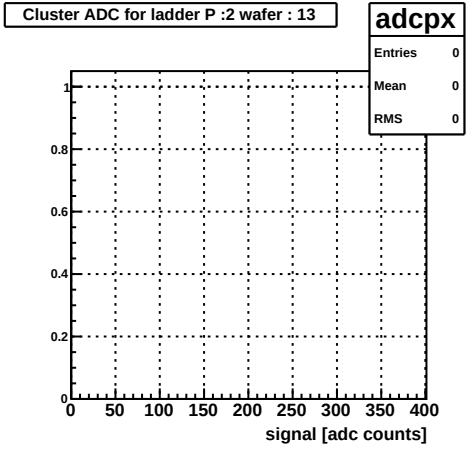

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

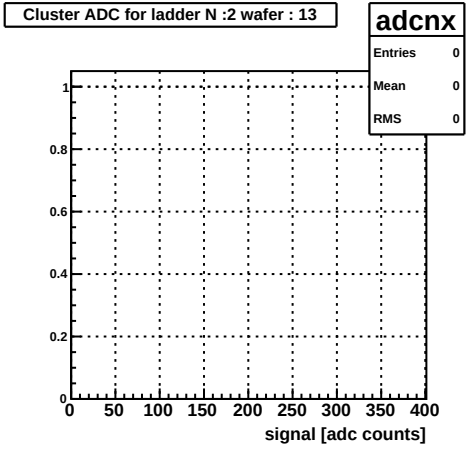

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

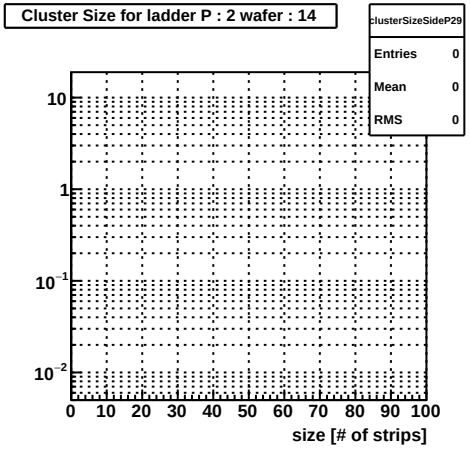

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

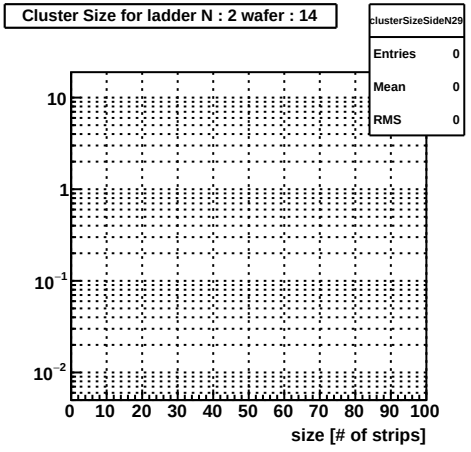

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

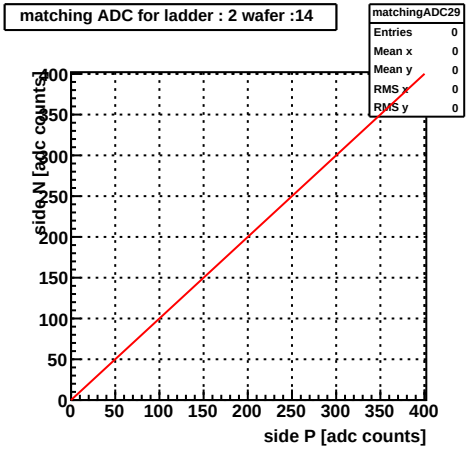

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

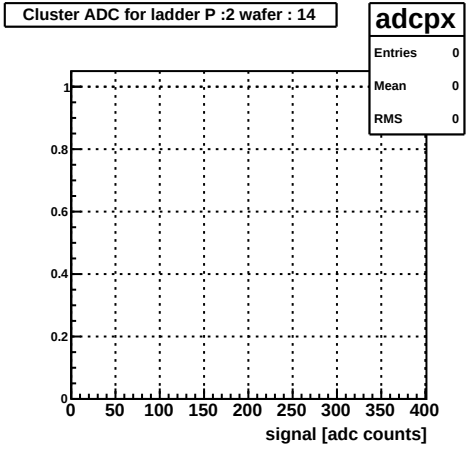

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

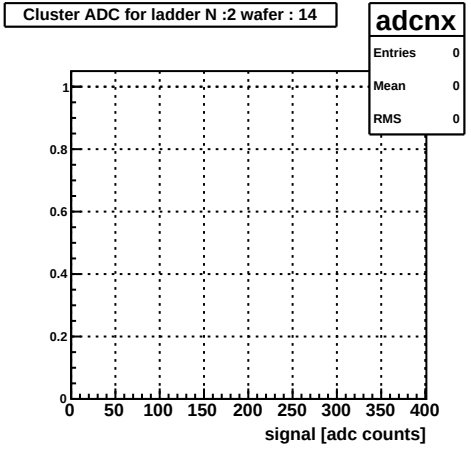

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

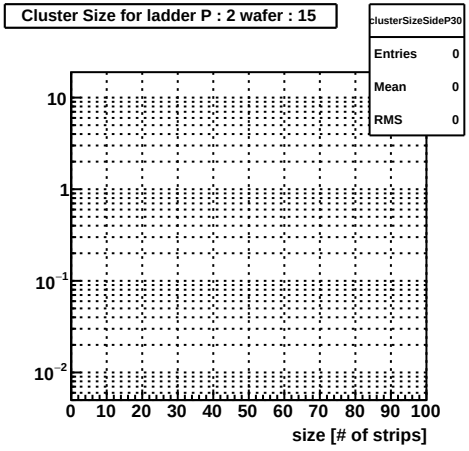

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

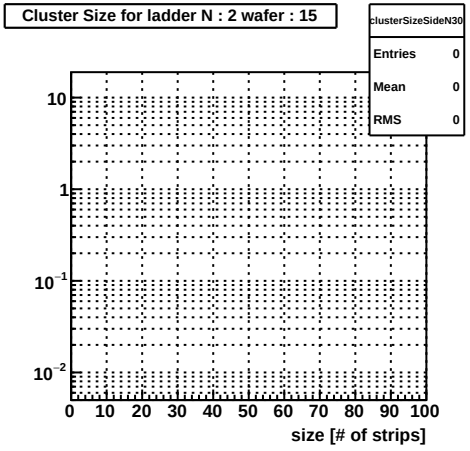

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

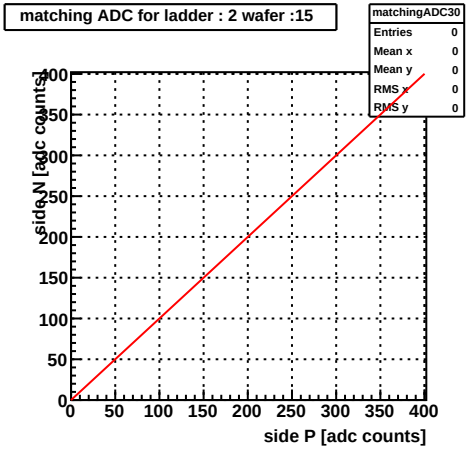

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

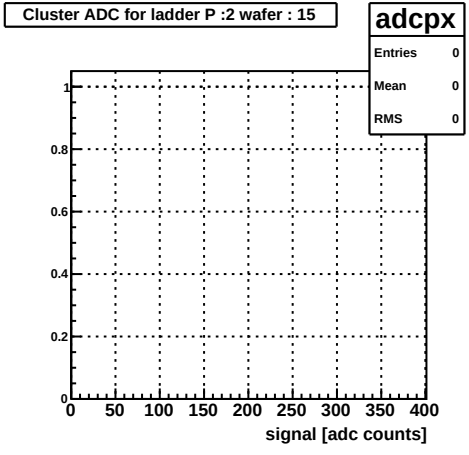

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

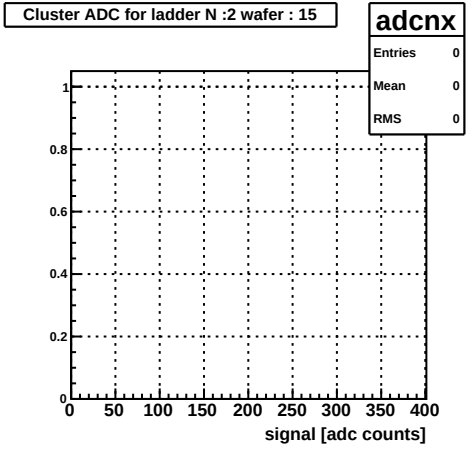

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

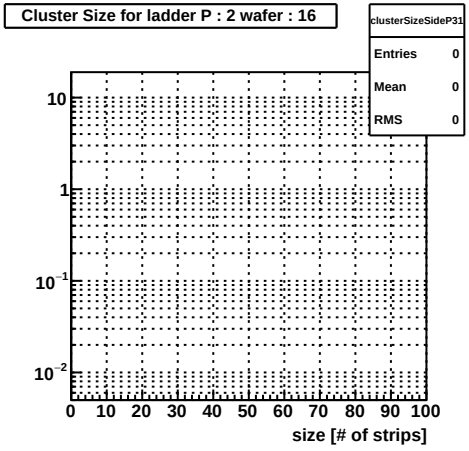

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

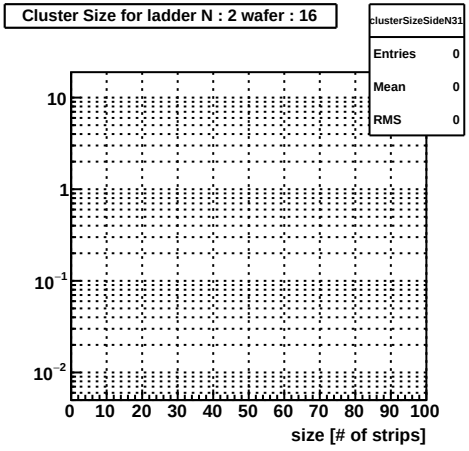

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

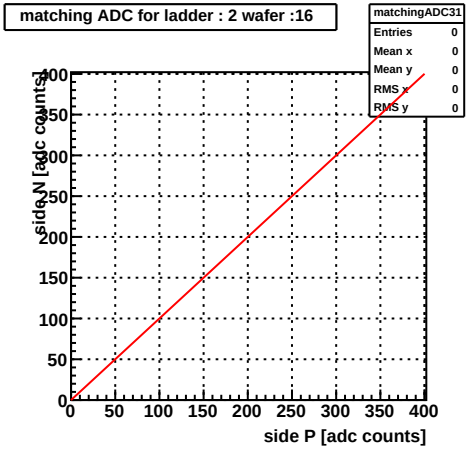

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

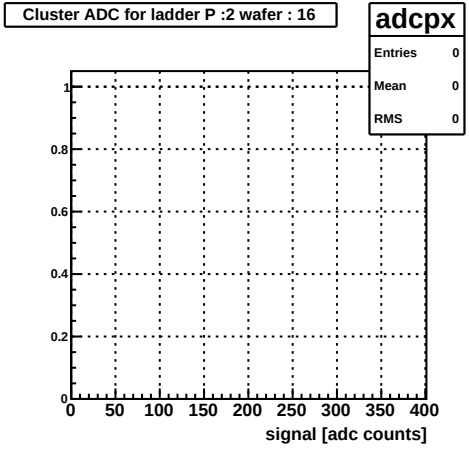

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

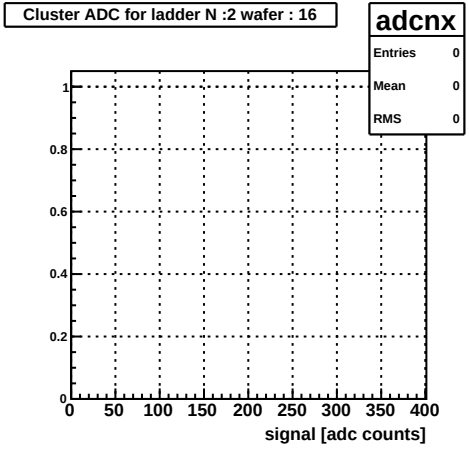

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

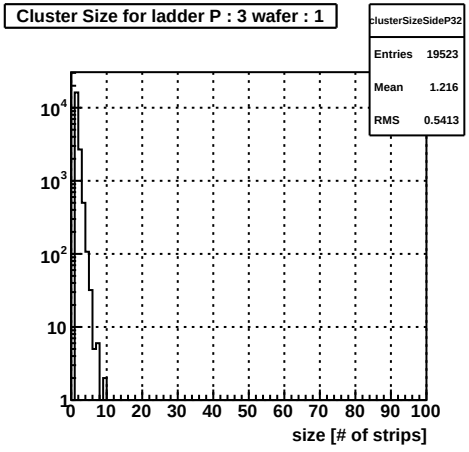

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

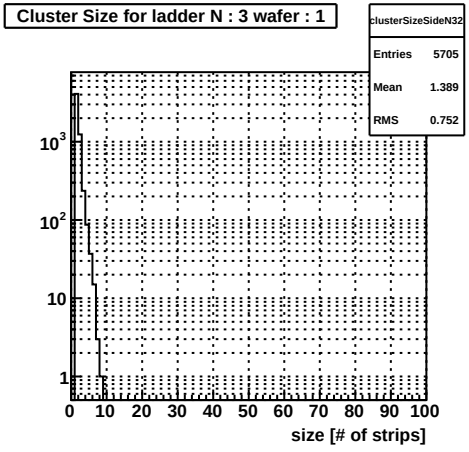

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

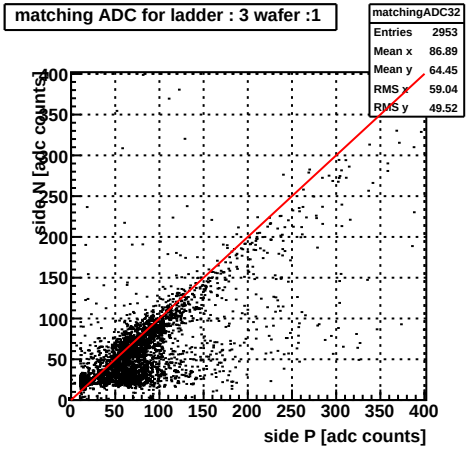

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

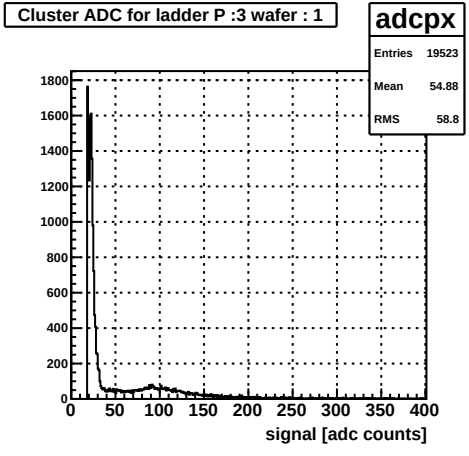

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

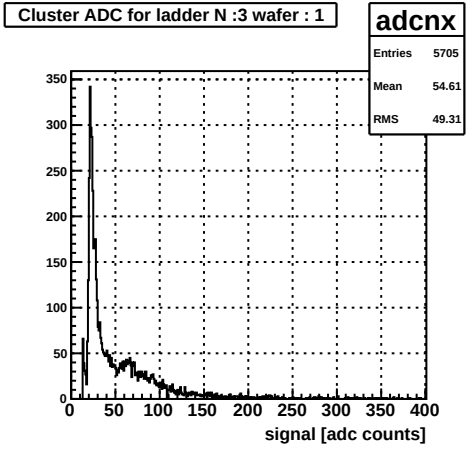

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

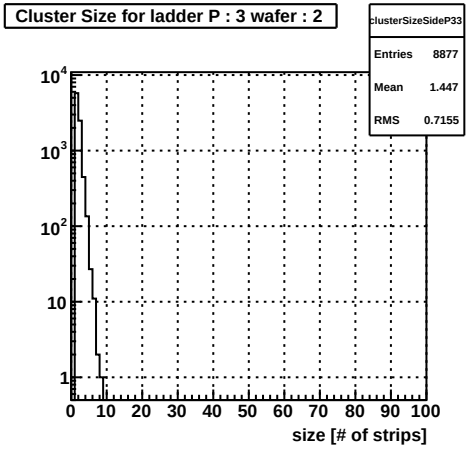

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 19523
Mean 1.216
RMS 0.5413
size [# of strips]

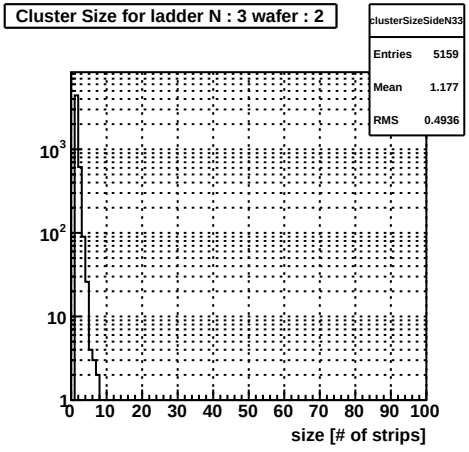

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 5705
Mean 1.389
RMS 0.752
size [# of strips]

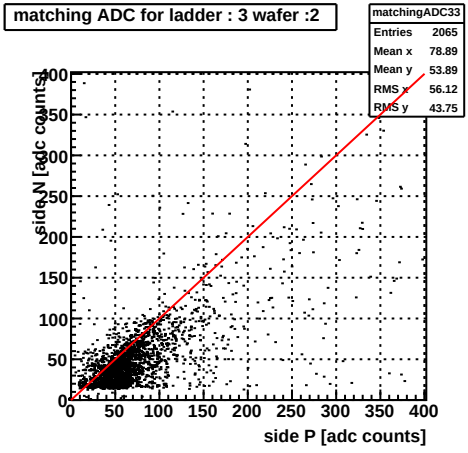

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 2953
Mean x 86.89
Mean y 64.45
RMS x 59.04
RMS y 49.52
side N [adc counts]
side P [adc counts]

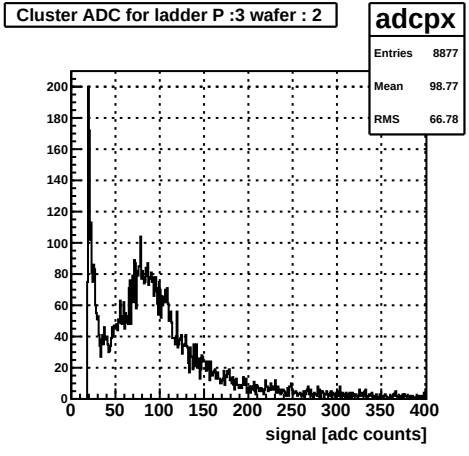

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 19523
Mean 54.88
RMS 58.8
signal [adc counts]

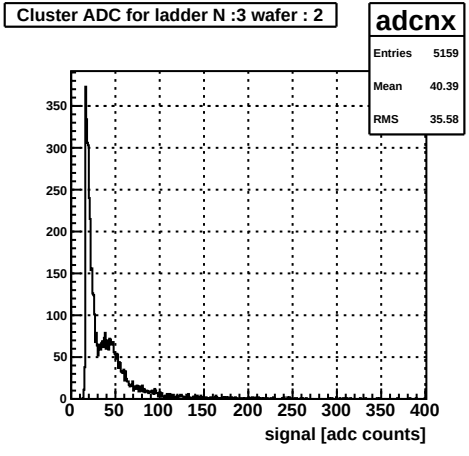

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 5705
Mean 54.61
RMS 49.31
signal [adc counts]

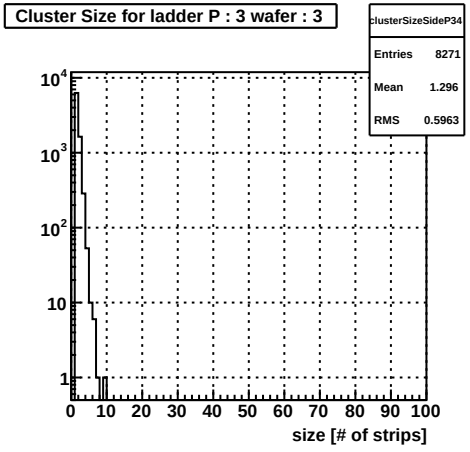

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 8877
Mean 1.447
RMS 0.7155
size [# of strips]

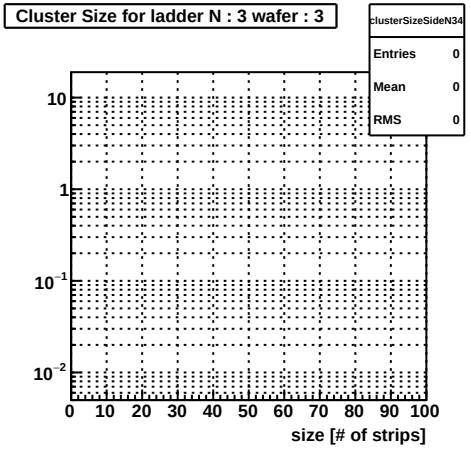

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 5159
Mean 1.177
RMS 0.4936
size [# of strips]

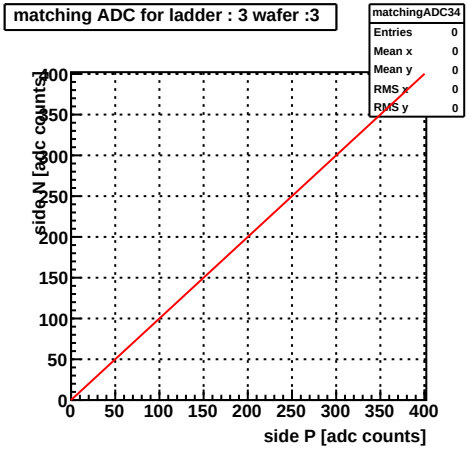

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2065
Mean x 78.89
Mean y 53.89
RMS x 56.12
RMS y 43.75
side N [adc counts]
side P [adc counts]

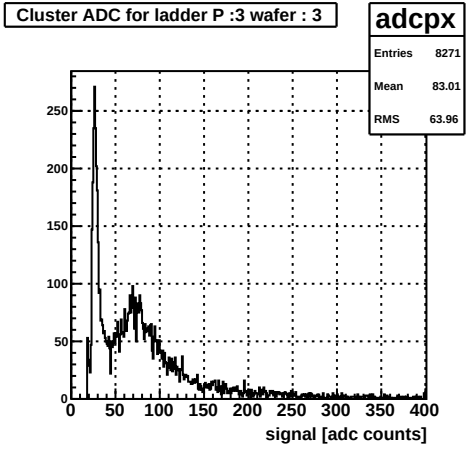

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 8877
Mean 98.77
RMS 66.78
signal [adc counts]

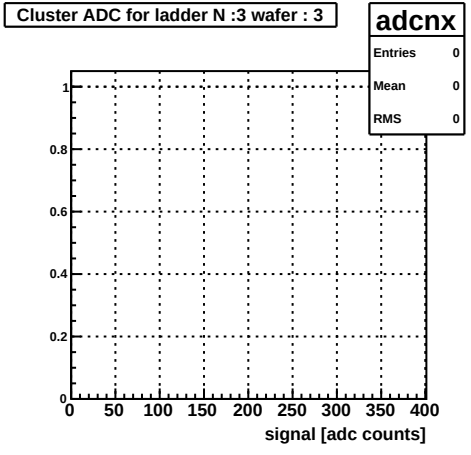

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 5159
Mean 40.39
RMS 35.58
signal [adc counts]

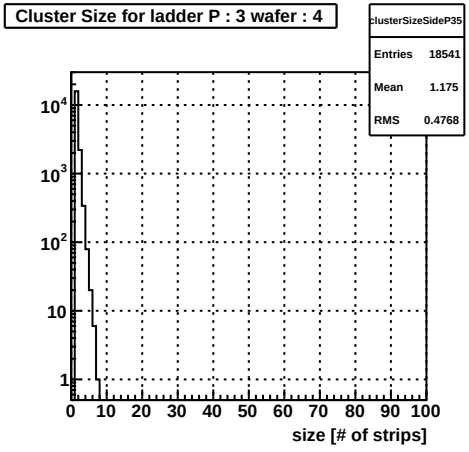

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 8271
Mean 1.296
RMS 0.5963
size [# of strips]

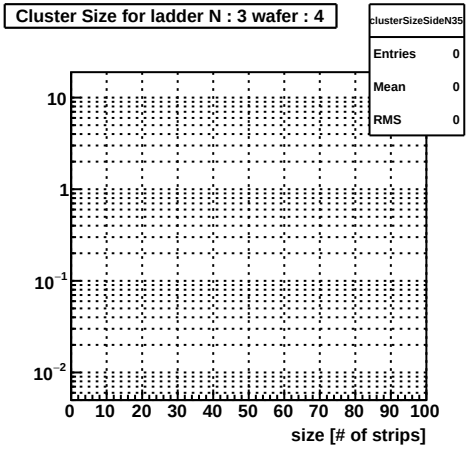

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

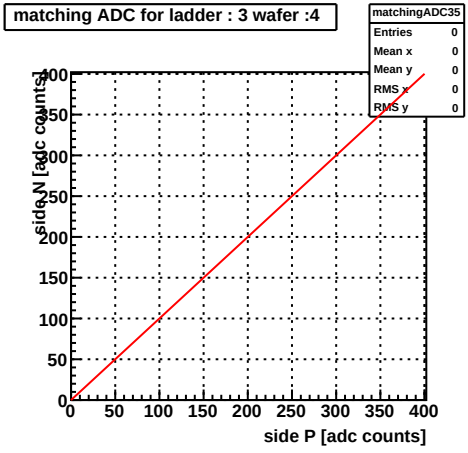

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

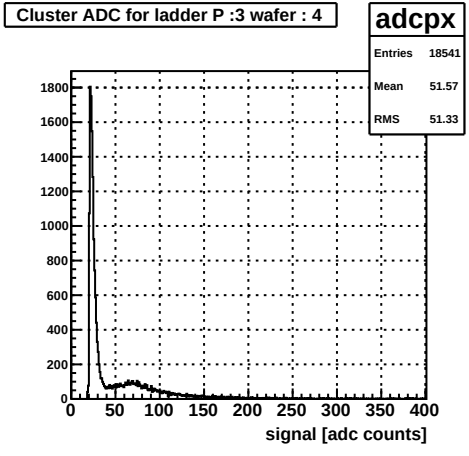

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 8271
Mean 83.01
RMS 63.96
signal [adc counts]

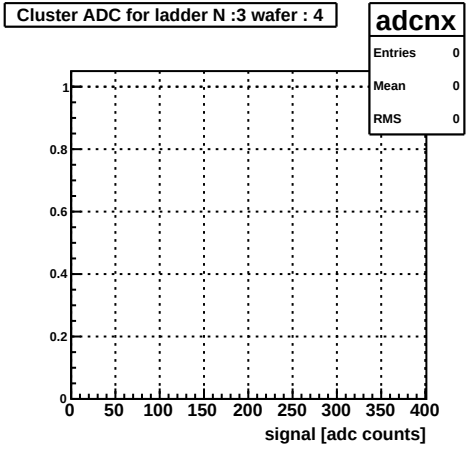

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

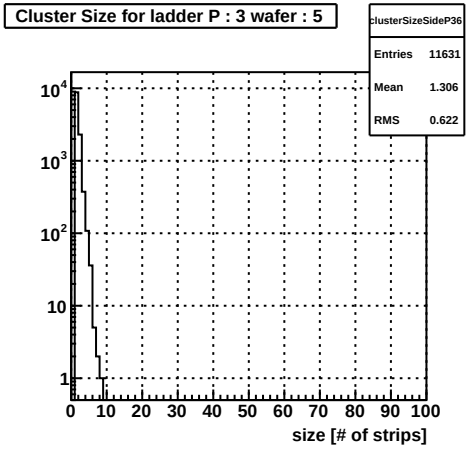

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 18541
Mean 1.175
RMS 0.4768
size [# of strips]

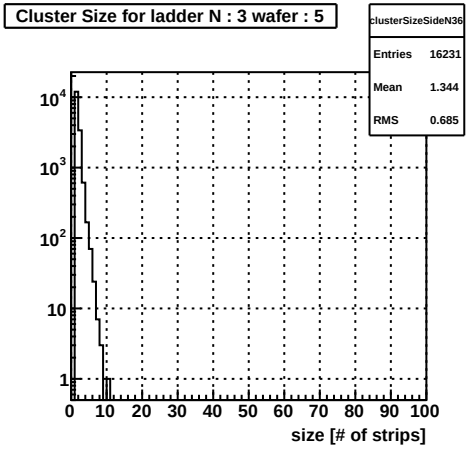

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

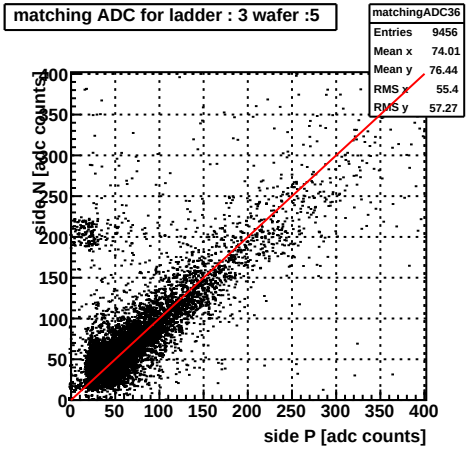

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

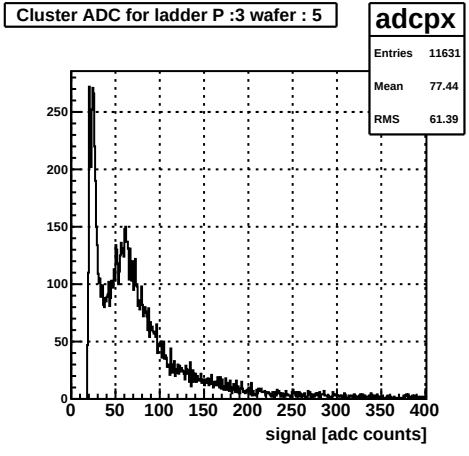

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 18541
Mean 51.57
RMS 51.33
signal [adc counts]

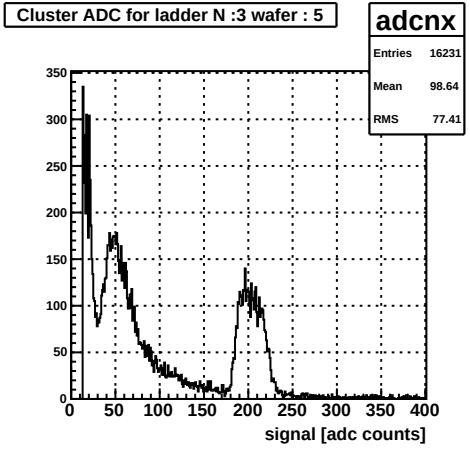

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

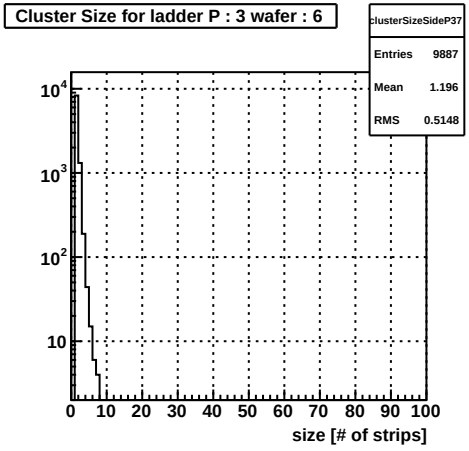

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 11631
Mean 1.306
RMS 0.622
size [# of strips]

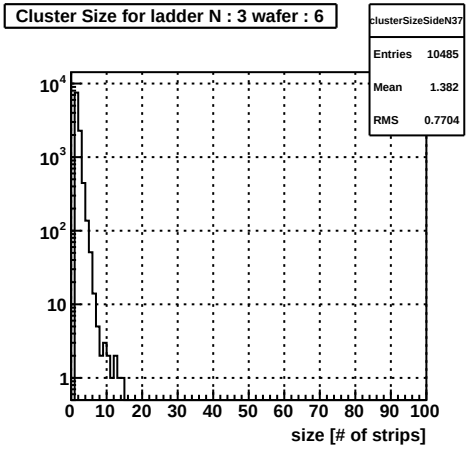

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 16231
Mean 1.344
RMS 0.685
size [# of strips]

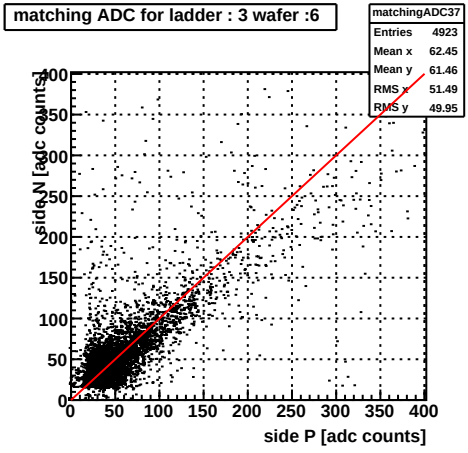

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 9456
Mean x 74.01
Mean y 76.44
RMS x 55.4
RMS y 57.27
side N [adc counts]
side P [adc counts]

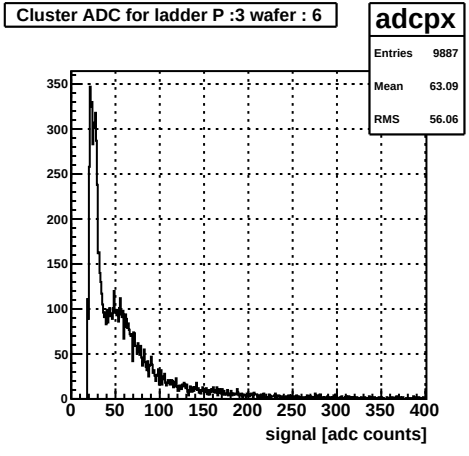

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 11631
Mean 77.44
RMS 61.39
signal [adc counts]

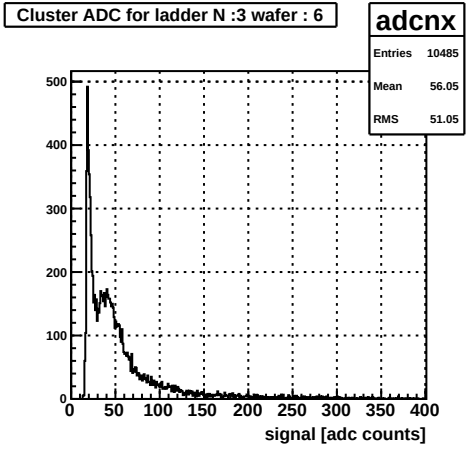

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 16231
Mean 98.64
RMS 77.41
signal [adc counts]

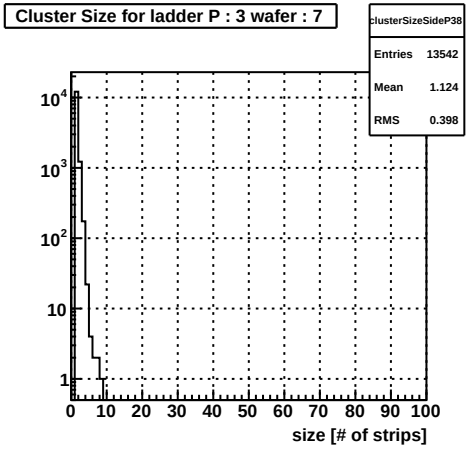

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 9887
Mean 1.196
RMS 0.5148
size [# of strips]

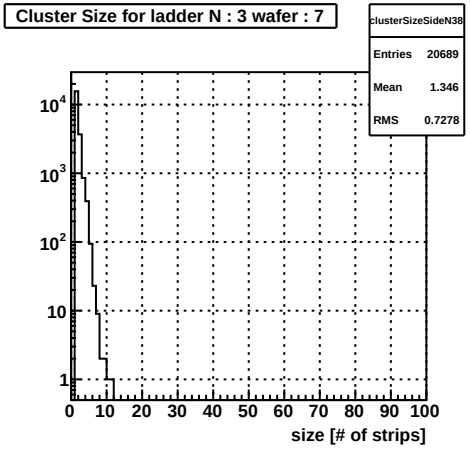

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 10485
Mean 1.382
RMS 0.7704
size [# of strips]

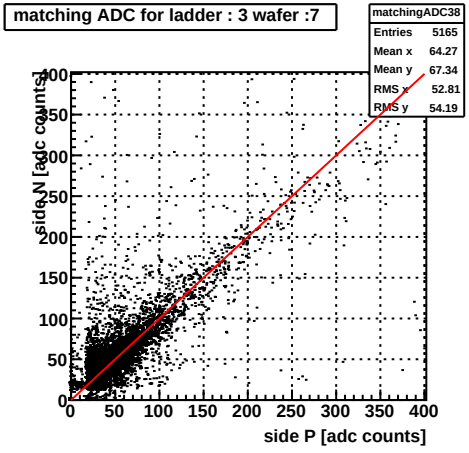

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4923
Mean x 62.45
Mean y 61.46
RMS x 51.49
RMS y 49.95
side N [adc counts]
side P [adc counts]

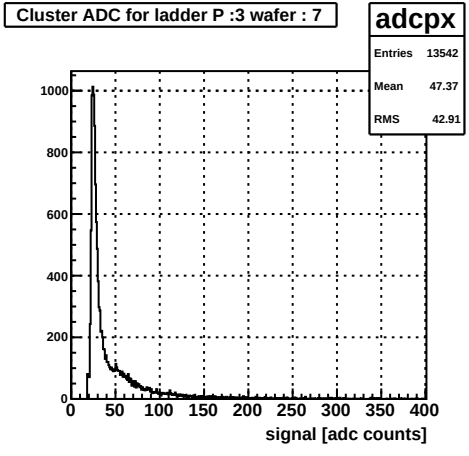

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 9887
Mean 63.09
RMS 56.06
signal [adc counts]

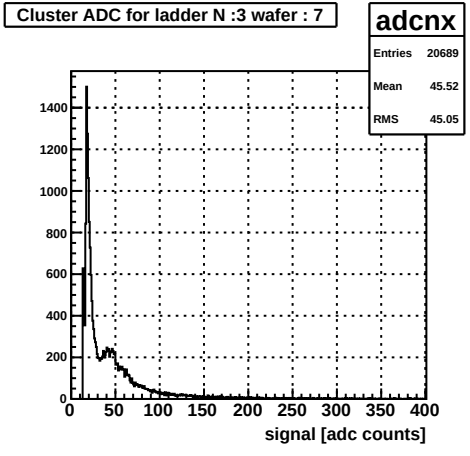

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 10485
Mean 56.05
RMS 51.05
signal [adc counts]

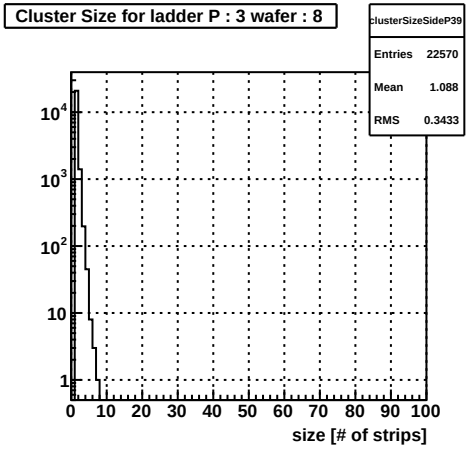

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 13542
Mean 1.124
RMS 0.398
size [# of strips]

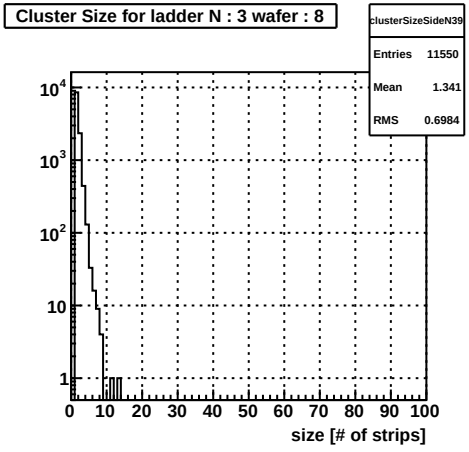

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 20689
Mean 1.346
RMS 0.7278
size [# of strips]

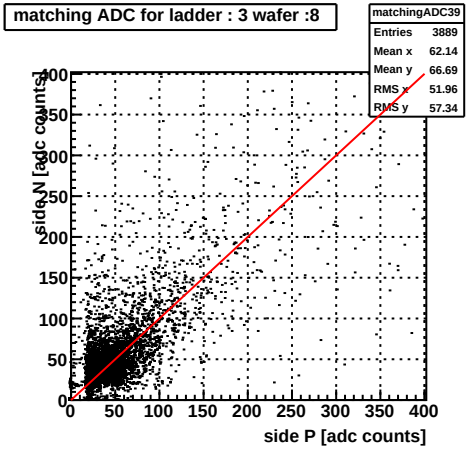

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5165
Mean x 64.27
Mean y 67.34
RMS x 52.81
RMS y 54.19
side N [adc counts]
side P [adc counts]

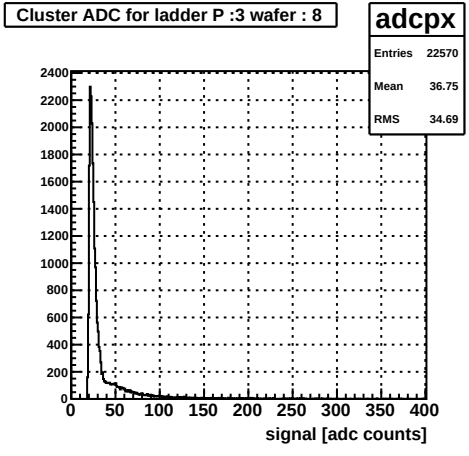

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 13542
Mean 47.37
RMS 42.91
signal [adc counts]

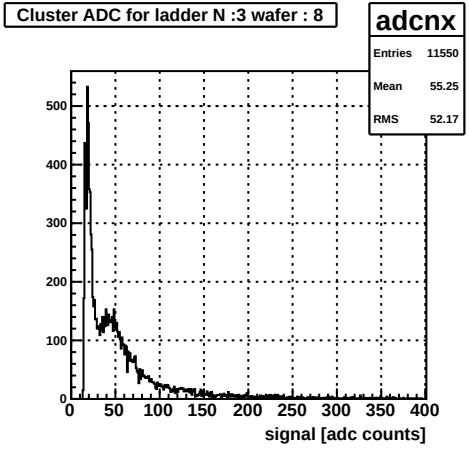

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 20689
Mean 45.52
RMS 45.05
signal [adc counts]

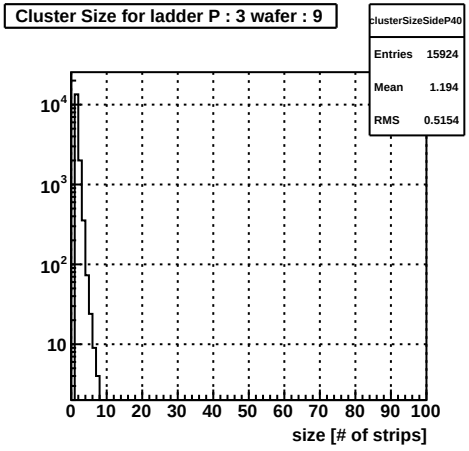

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 22570
Mean 1.088
RMS 0.3433
size [# of strips]

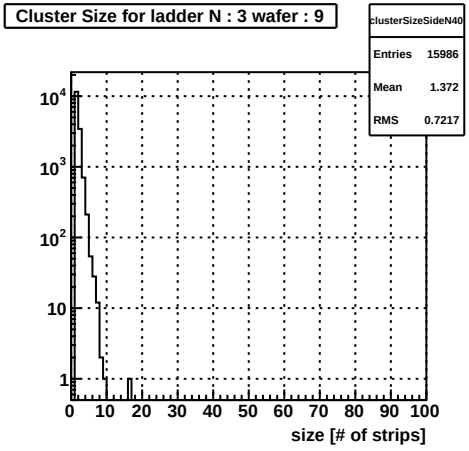

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 11550
Mean 1.341
RMS 0.6984
size [# of strips]

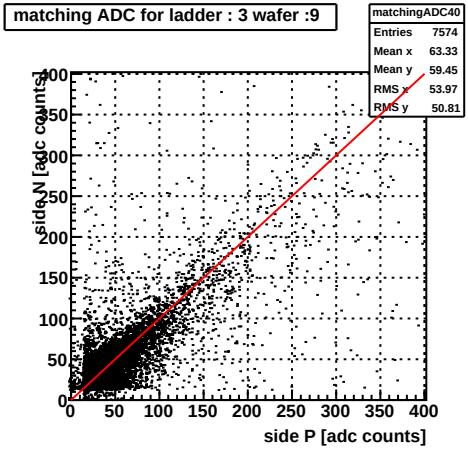

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 3889
Mean x 62.14
Mean y 66.69
RMS x 51.96
RMS y 57.34
side N [adc counts]
side P [adc counts]

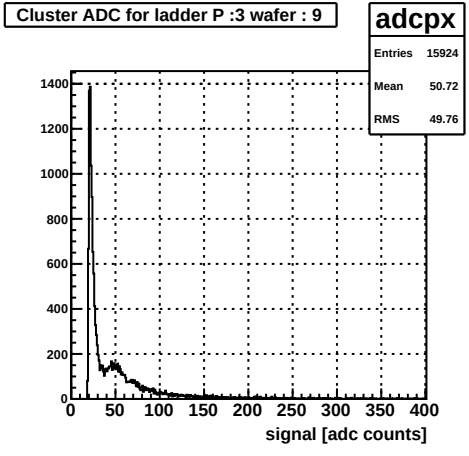

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 22570
Mean 36.75
RMS 34.69
signal [adc counts]

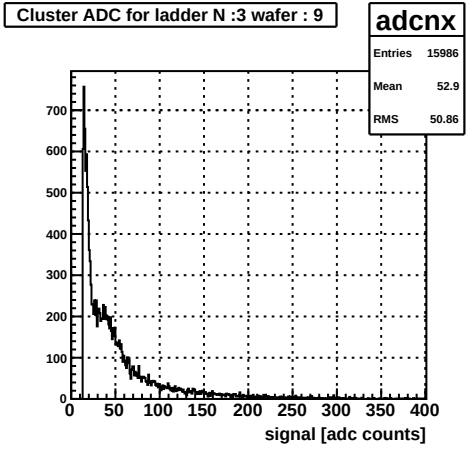

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 11550
Mean 55.25
RMS 52.17
signal [adc counts]

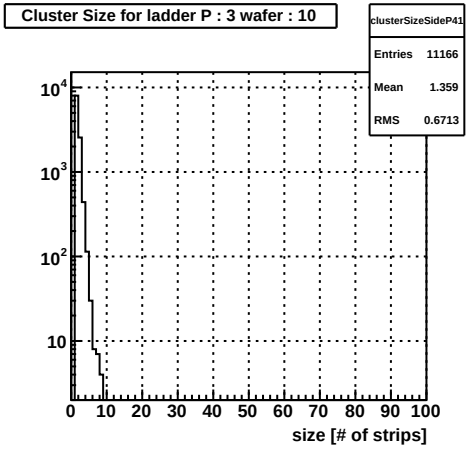

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 15924
Mean 1.194
RMS 0.5154
size [# of strips]

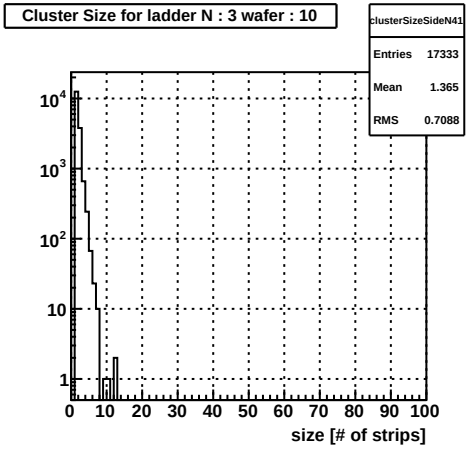

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 15986
Mean 1.372
RMS 0.7217
size [# of strips]

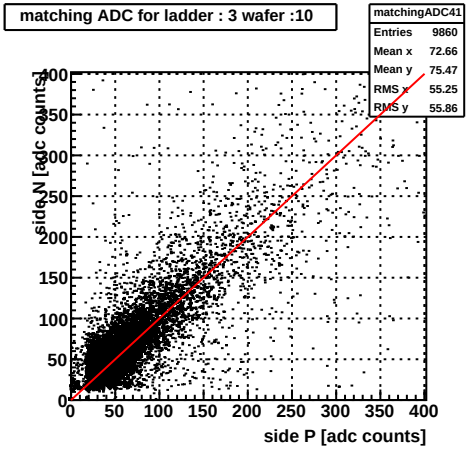

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 7574
Mean x 63.33
Mean y 59.45
RMS x 53.97
RMS y 50.81
side N [adc counts]
side P [adc counts]

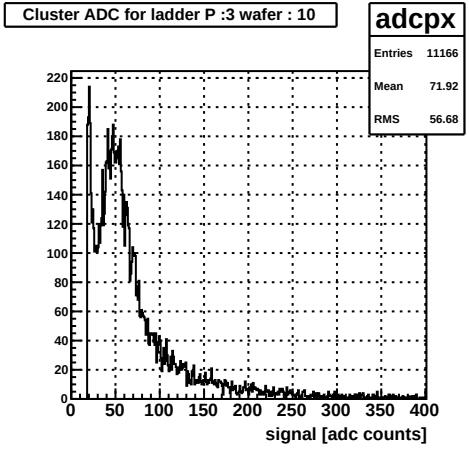

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 15924
Mean 50.72
RMS 49.76
signal [adc counts]

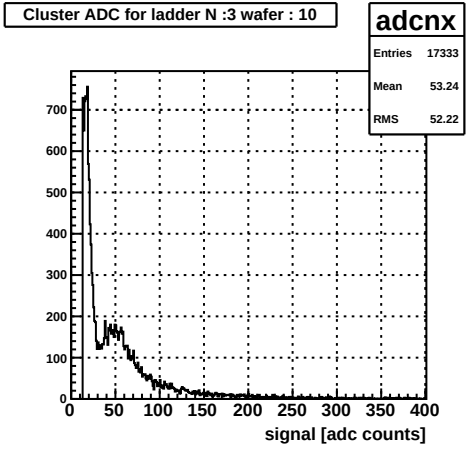

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 15986
Mean 52.9
RMS 50.86
signal [adc counts]

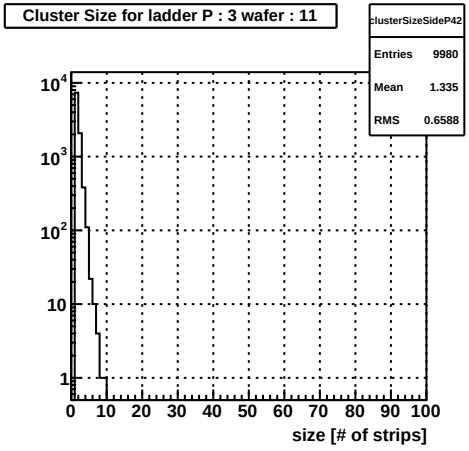

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 11166
Mean 1.359
RMS 0.6713
size [# of strips]

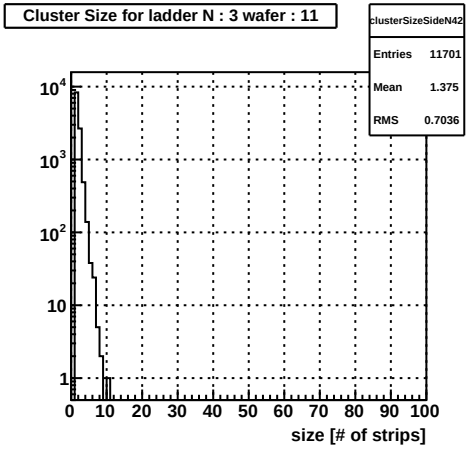

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 17333
Mean 1.365
RMS 0.7088
size [# of strips]

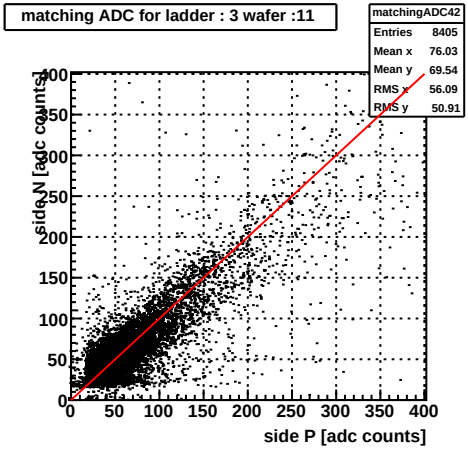

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 9860
Mean x 72.66
Mean y 75.47
RMS x 55.25
RMS y 55.86
side N [adc counts]
side P [adc counts]

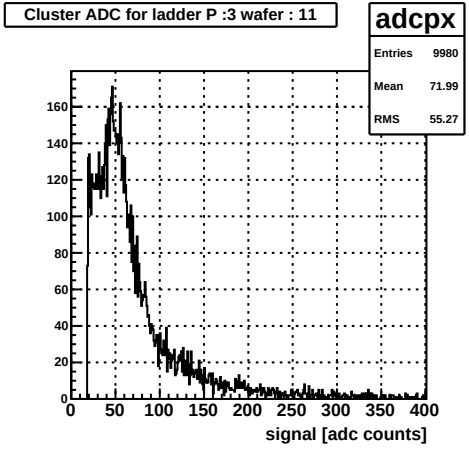

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 11166
Mean 71.92
RMS 56.68
signal [adc counts]

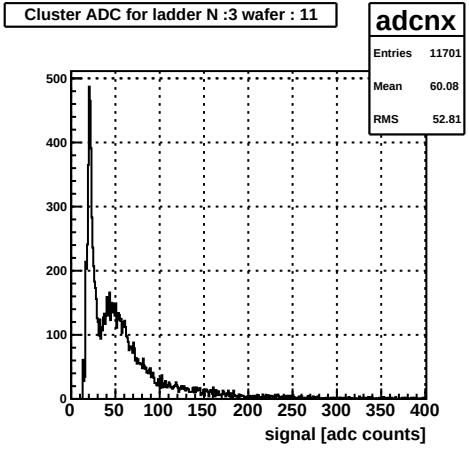

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 17333
Mean 53.24
RMS 52.22
signal [adc counts]

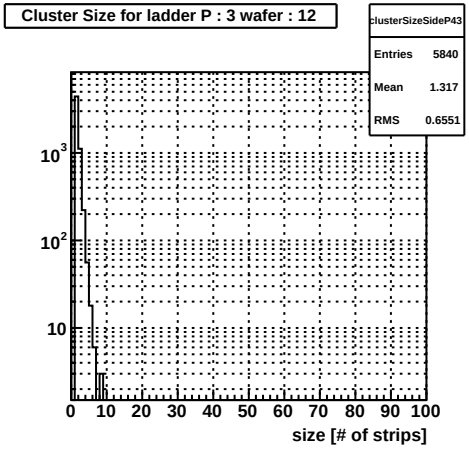

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 9980
Mean 1.335
RMS 0.6588
size [# of strips]

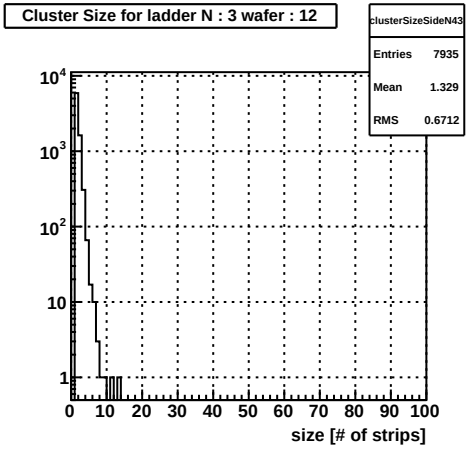

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 11701
Mean 1.375
RMS 0.7036
size [# of strips]

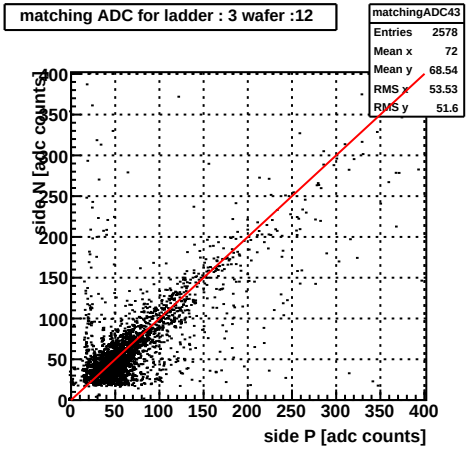

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 8405
Mean x 76.03
Mean y 69.54
RMS x 56.09
RMS y 50.91
side N [adc counts]
side P [adc counts]

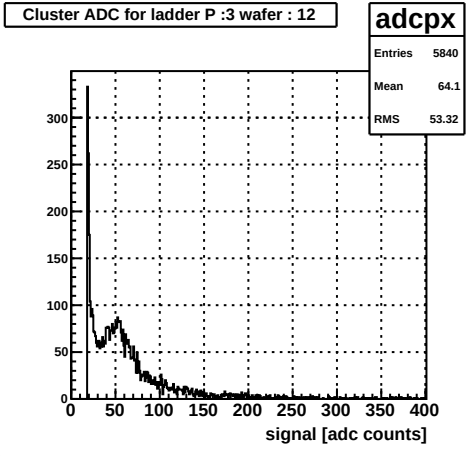

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 9980
Mean 71.99
RMS 55.27
signal [adc counts]

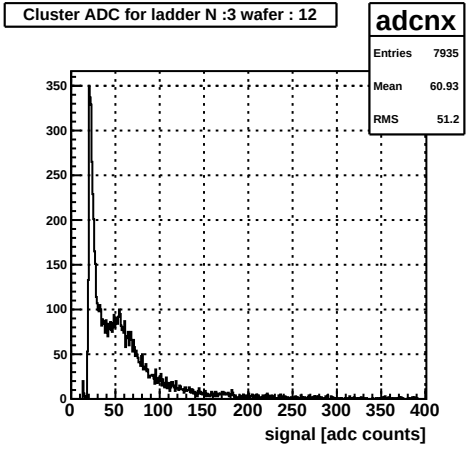

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 11701
Mean 60.08
RMS 52.81
signal [adc counts]

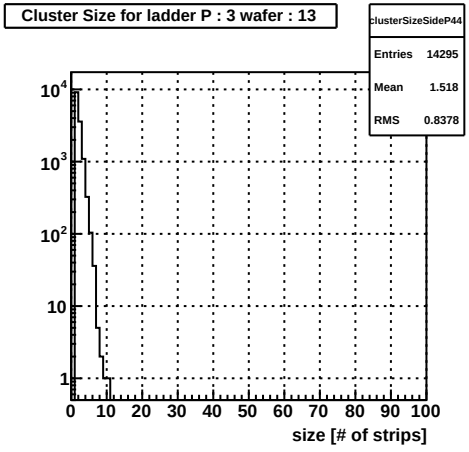

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 5840
Mean 1.317
RMS 0.6551
size [# of strips]

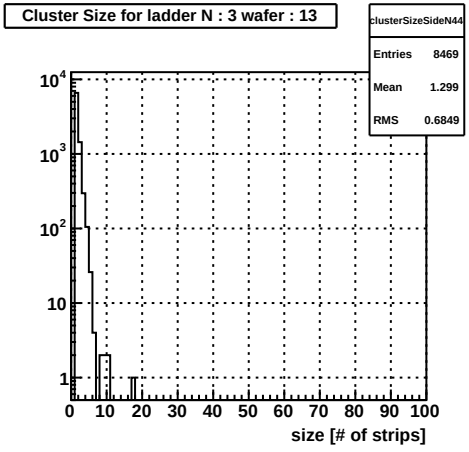

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 7935
Mean 1.329
RMS 0.6712
size [# of strips]

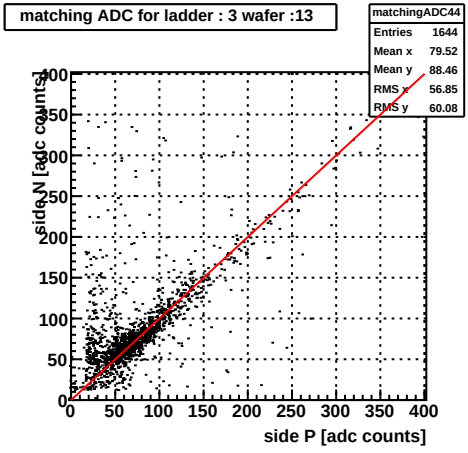

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 2578
Mean x 72
Mean y 68.54
RMS x 53.53
RMS y 51.6
side N [adc counts]
side P [adc counts]

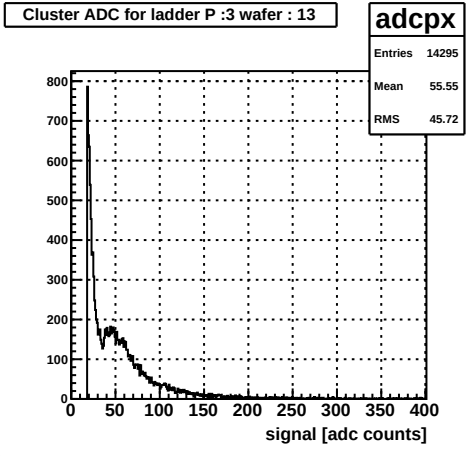

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 5840
Mean 64.1
RMS 53.32
signal [adc counts]

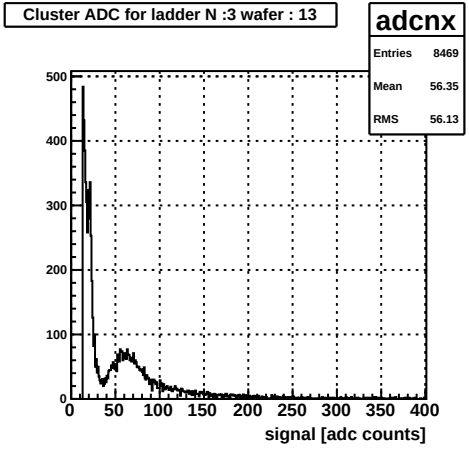

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 7935
Mean 60.93
RMS 51.2
signal [adc counts]

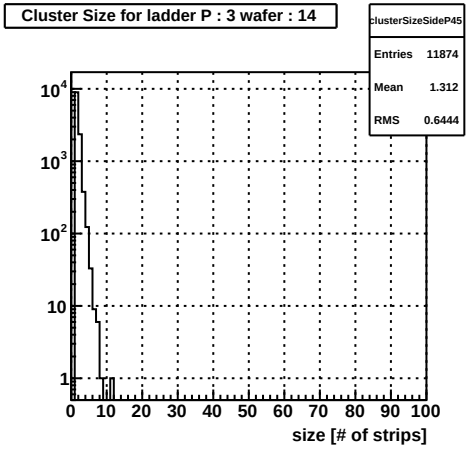

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 14295
Mean 1.518
RMS 0.8378
size [# of strips]

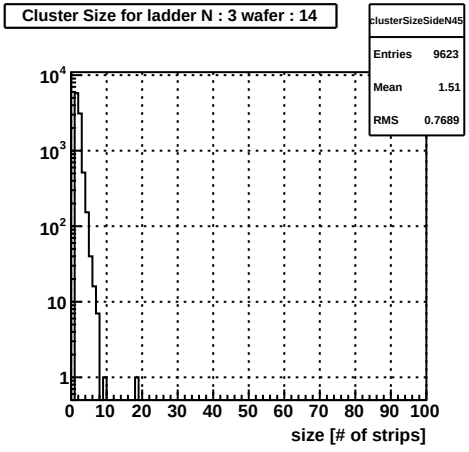

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 8469
Mean 1.299
RMS 0.6849
size [# of strips]

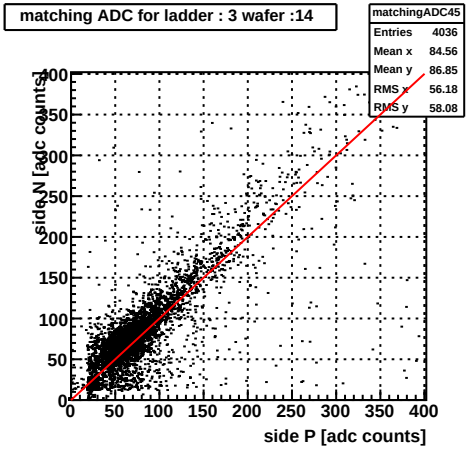

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1644
Mean x 79.52
Mean y 88.46
RMS x 56.85
RMS y 60.08
side N [adc counts]
side P [adc counts]

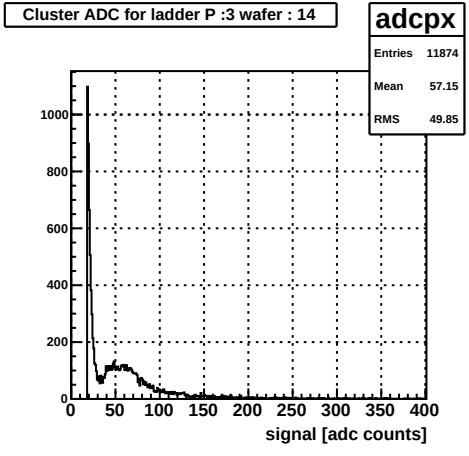

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 14295
Mean 55.55
RMS 45.72
signal [adc counts]

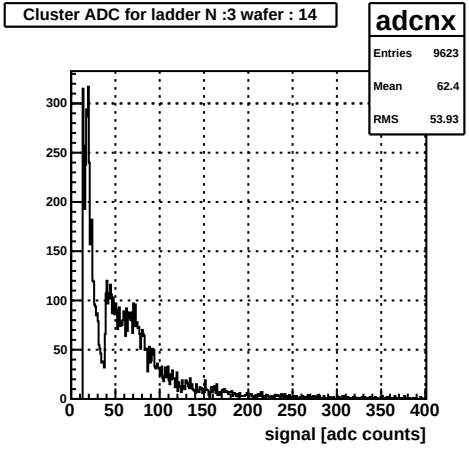

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 8469
Mean 56.35
RMS 56.13
signal [adc counts]

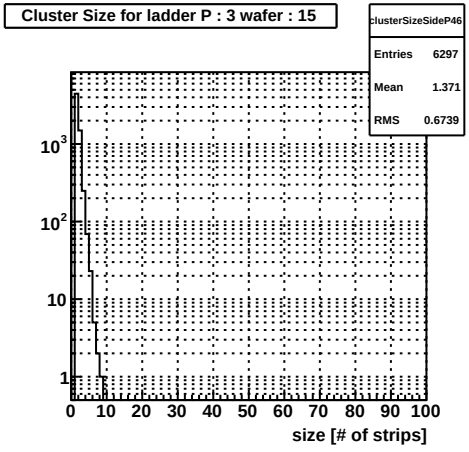

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 11874
Mean 1.312
RMS 0.6444
size [# of strips]

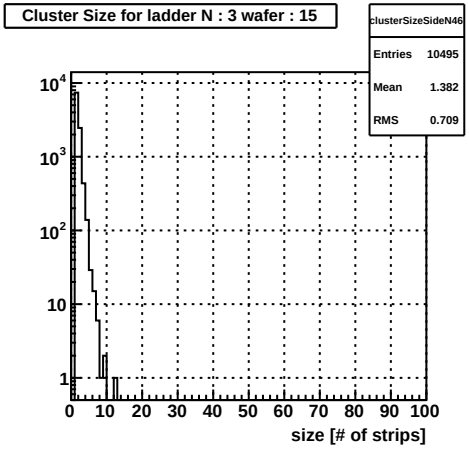

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 9623
Mean 1.51
RMS 0.7689
size [# of strips]

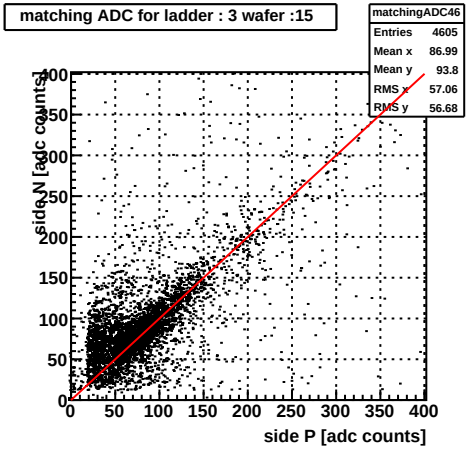

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 4036
Mean x 84.56
Mean y 86.85
RMS x 56.18
RMS y 58.08
side N [adc counts]
side P [adc counts]

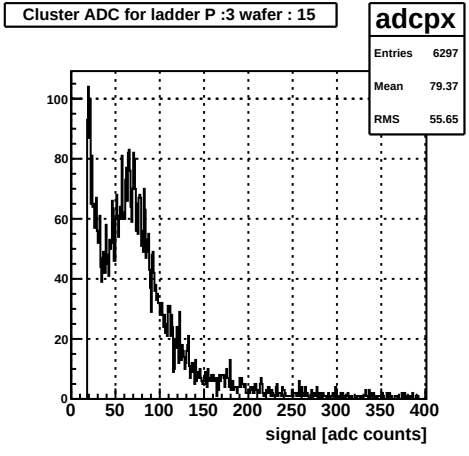

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 11874
Mean 57.15
RMS 49.85
signal [adc counts]

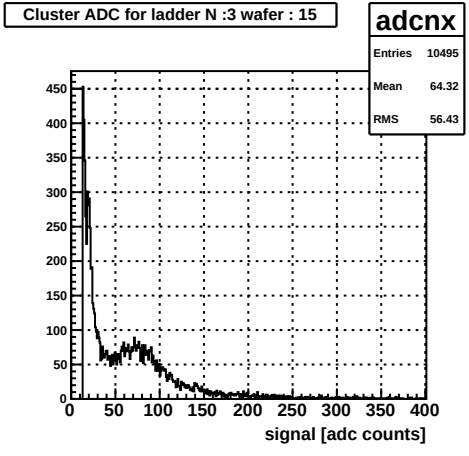

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 9623
Mean 62.4
RMS 53.93
signal [adc counts]

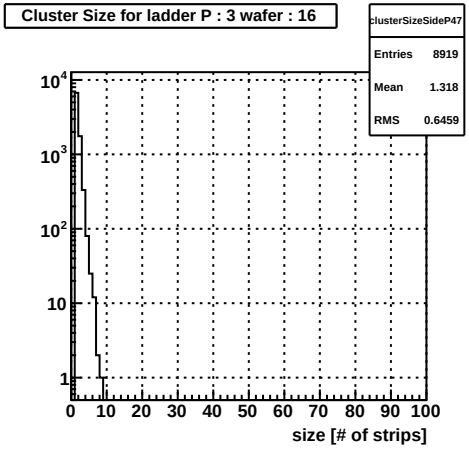

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 6297
Mean 1.371
RMS 0.6739
size [# of strips]

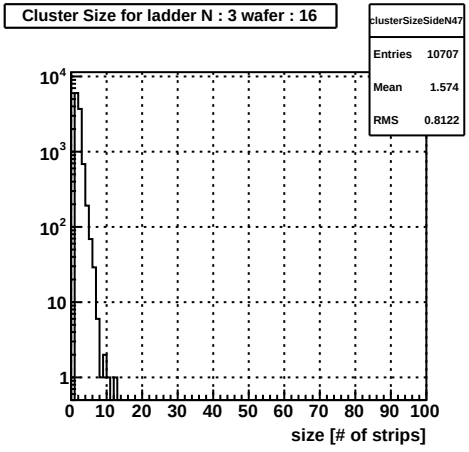

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 10495
Mean 1.382
RMS 0.709
size [# of strips]

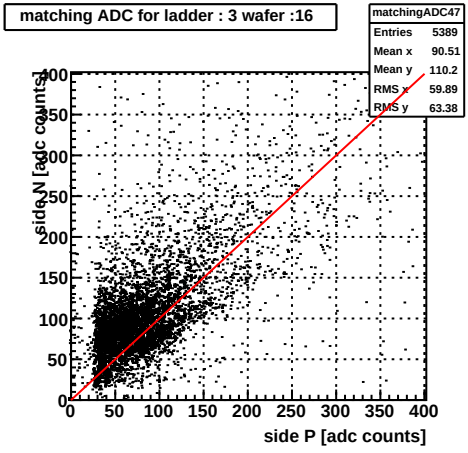

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 4605
Mean x 86.99
Mean y 93.8
RMS x 57.06
RMS y 56.68
side N [adc counts]
side P [adc counts]

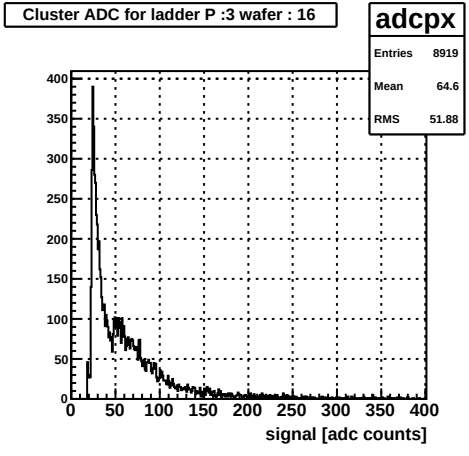

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 6297
Mean 79.37
RMS 55.65
signal [adc counts]

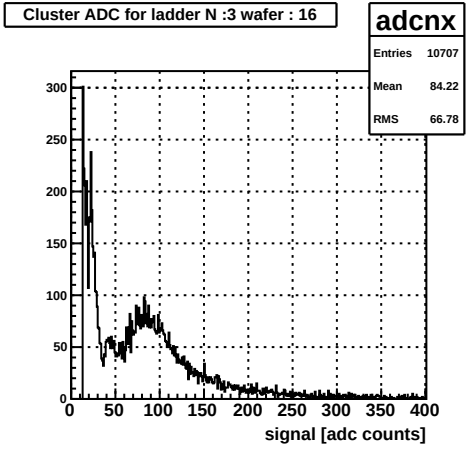

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 10495
Mean 64.32
RMS 56.43
signal [adc counts]

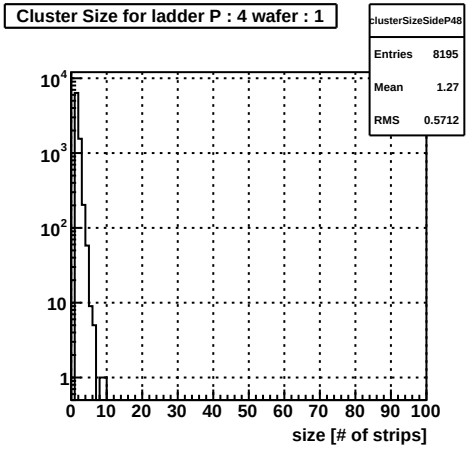

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 8919
Mean 1.318
RMS 0.6459
size [# of strips]

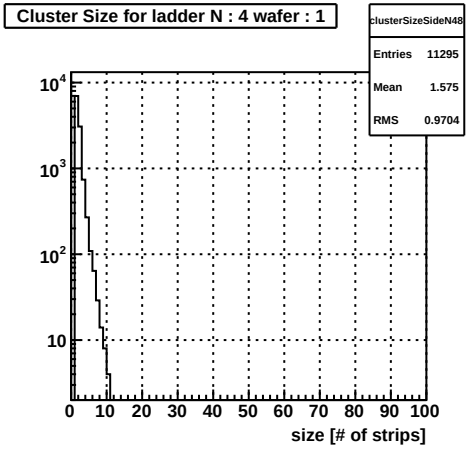

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 10707
Mean 1.574
RMS 0.8122
size [# of strips]

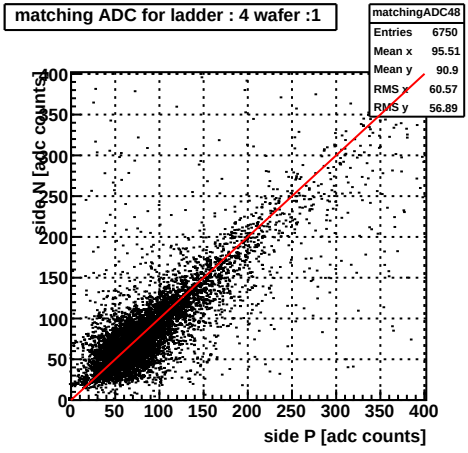

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 5389
Mean x 90.51
Mean y 110.2
RMS x 59.89
RMS y 63.38
side N [adc counts]
side P [adc counts]

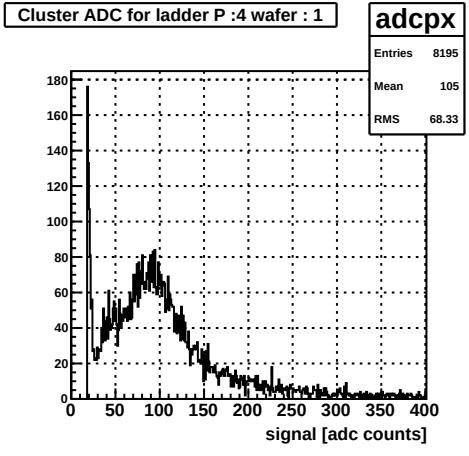

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 8919
Mean 64.6
RMS 51.88
signal [adc counts]

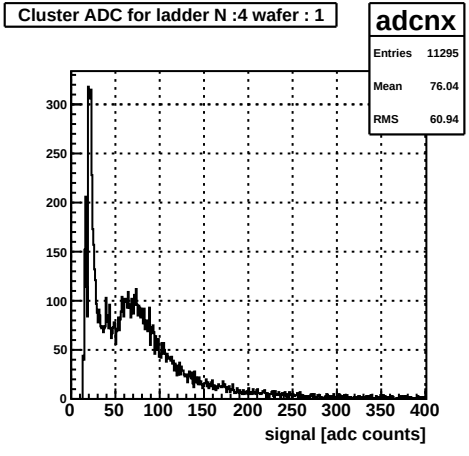

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 10707
Mean 84.22
RMS 66.78
signal [adc counts]

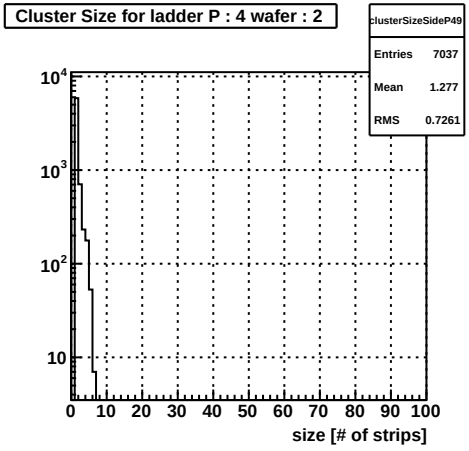

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 8195
Mean 1.27
RMS 0.5712
size [# of strips]

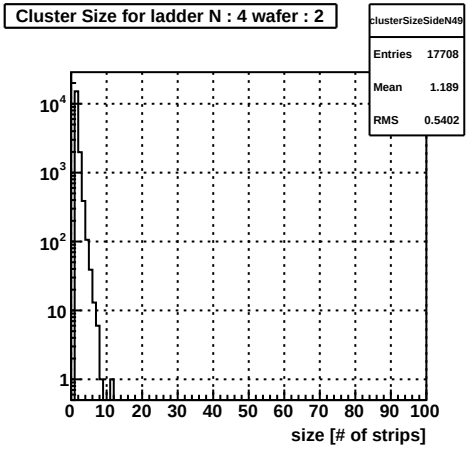

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 11295
Mean 1.575
RMS 0.9704
size [# of strips]

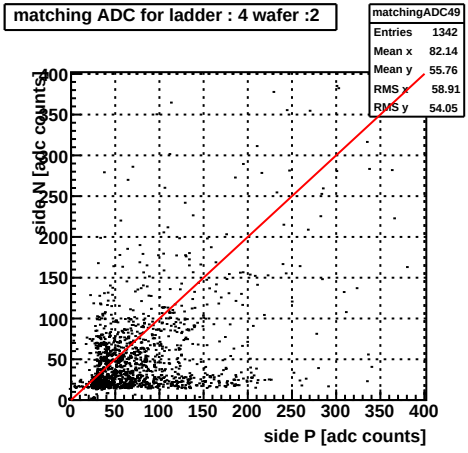

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 6750
Mean x 95.51
Mean y 90.9
RMS x 60.57
RMS y 56.89
side N [adc counts]
side P [adc counts]

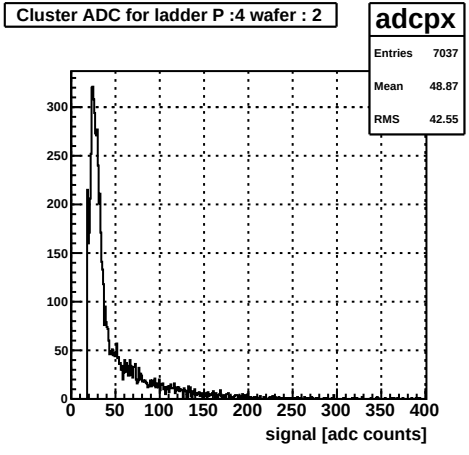

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 8195
Mean 105
RMS 68.33
signal [adc counts]

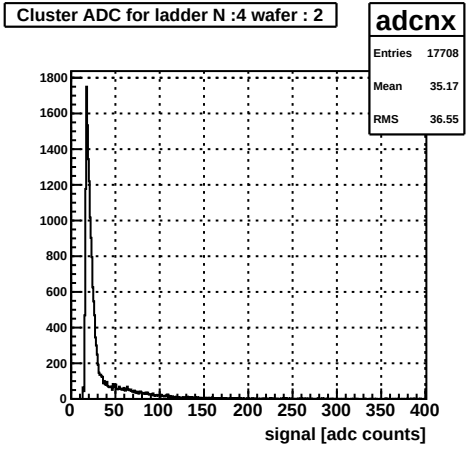

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 11295
Mean 76.04
RMS 60.94
signal [adc counts]

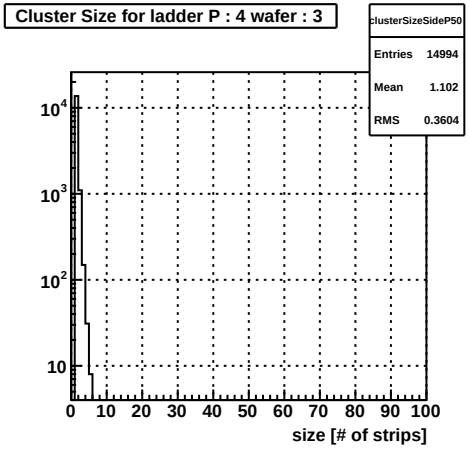

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7037
Mean 1.277
RMS 0.7261
size [# of strips]

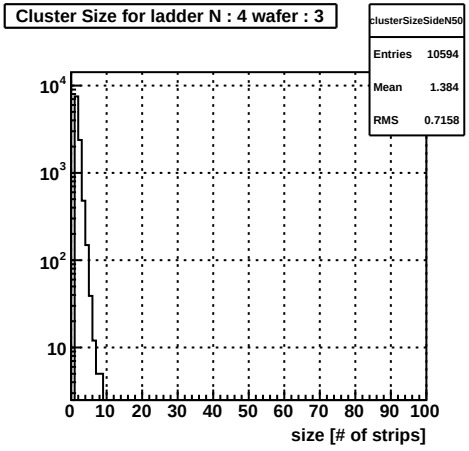

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 17708
Mean 1.189
RMS 0.5402
size [# of strips]

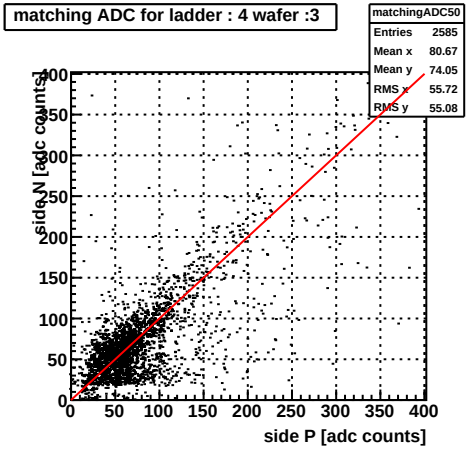

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1342
Mean x 82.14
Mean y 55.76
RMS x 58.91
RMS y 54.05
side N [adc counts]
side P [adc counts]

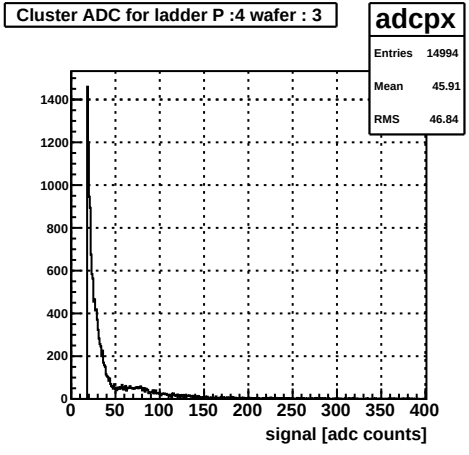

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7037
Mean 48.87
RMS 42.55
signal [adc counts]

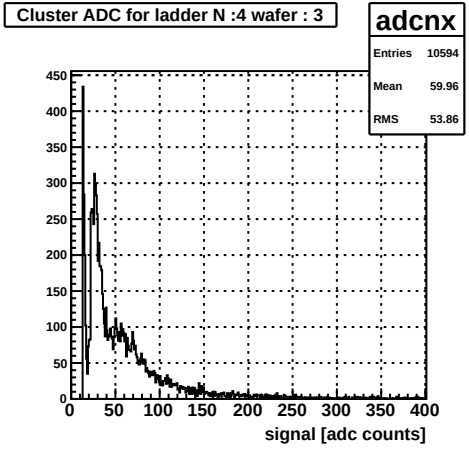

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 17708
Mean 35.17
RMS 36.55
signal [adc counts]

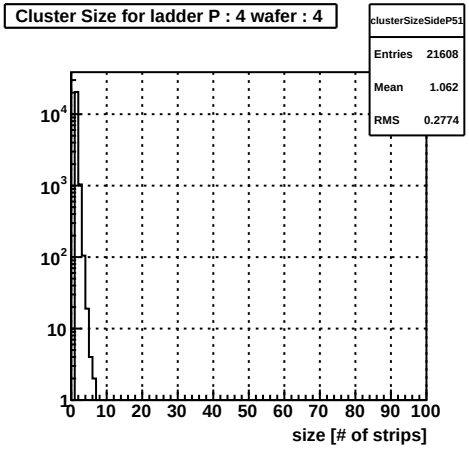

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 14994
Mean 1.102
RMS 0.3604
size [# of strips]

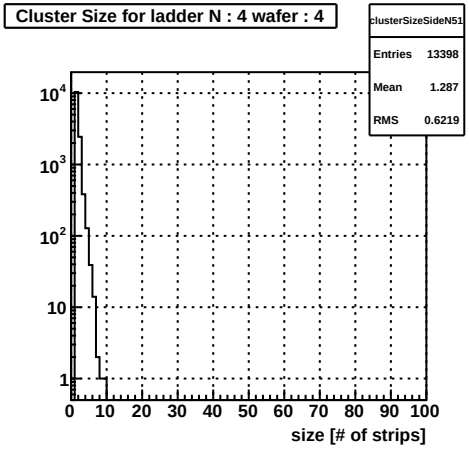

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 10594
Mean 1.384
RMS 0.7158
size [# of strips]

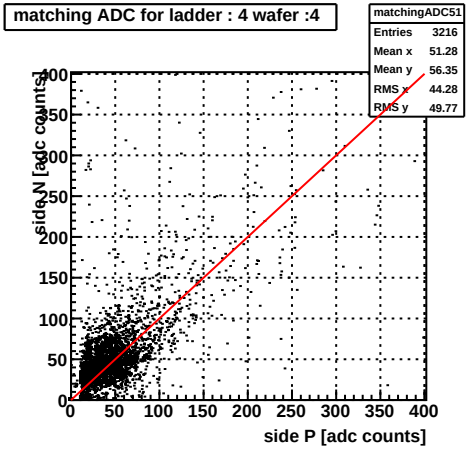

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2585
Mean x 80.67
Mean y 74.05
RMS x 55.72
RMS y 55.08
side N [adc counts]
side P [adc counts]

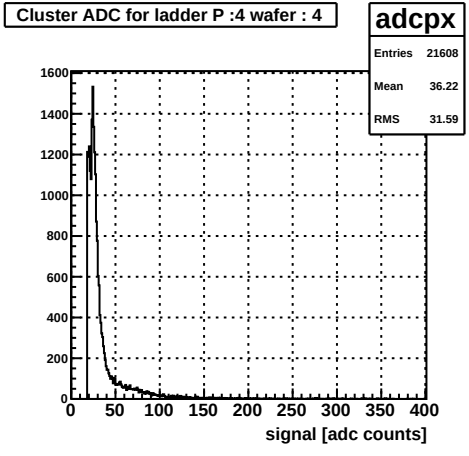

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 14994
Mean 45.91
RMS 46.84
signal [adc counts]

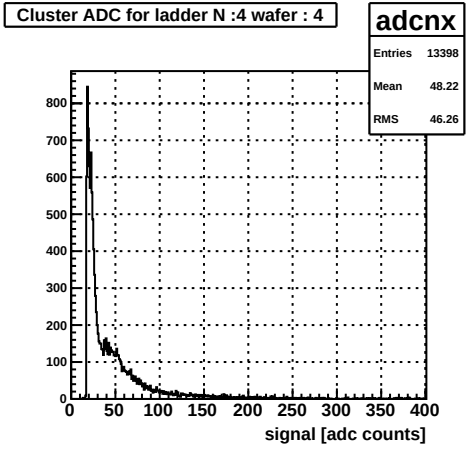

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 10594
Mean 59.96
RMS 53.86
signal [adc counts]

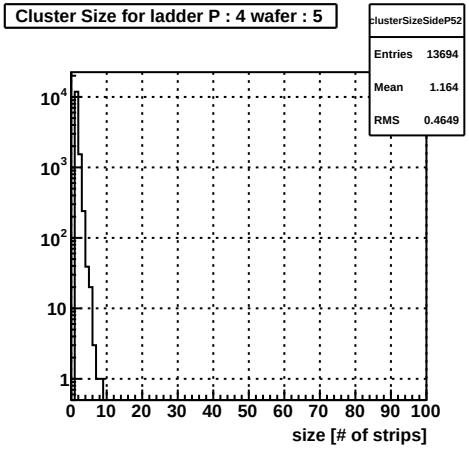

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 21608
Mean 1.062
RMS 0.2774
size [# of strips]

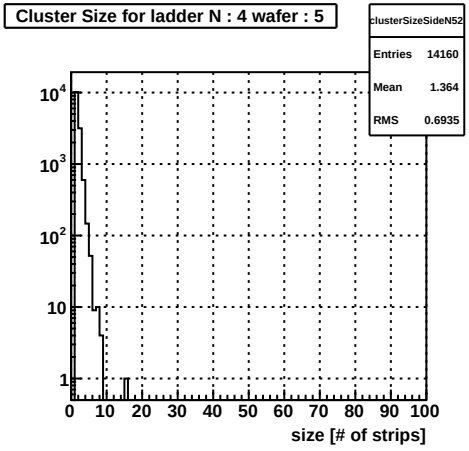

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 13398
Mean 1.287
RMS 0.6219
size [# of strips]

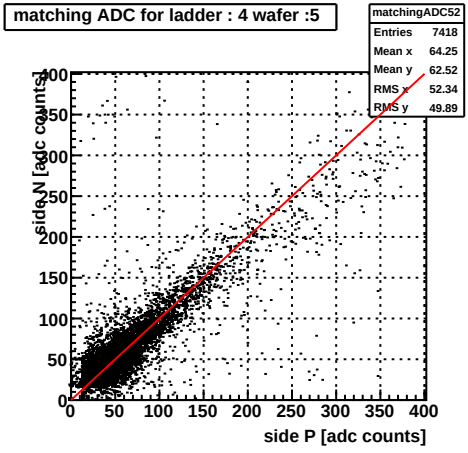

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 3216
Mean x 51.28
Mean y 56.35
RMS x 44.28
RMS y 49.77
side N [adc counts]
side P [adc counts]

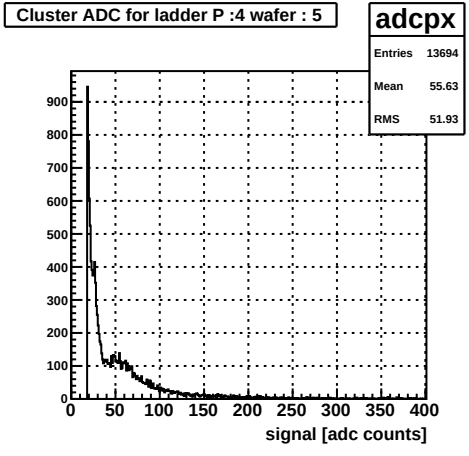

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 21608
Mean 36.22
RMS 31.59
signal [adc counts]

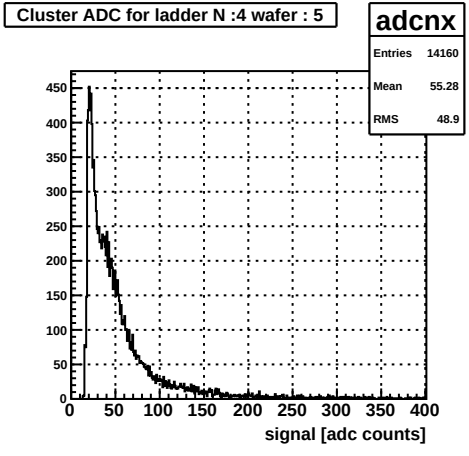

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 13398
Mean 48.22
RMS 46.26
signal [adc counts]

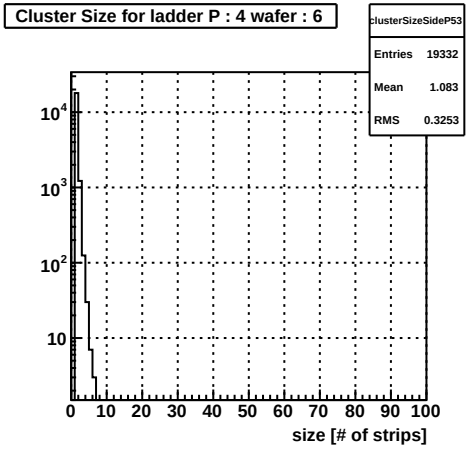

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 13694
Mean 1.164
RMS 0.4649
size [# of strips]

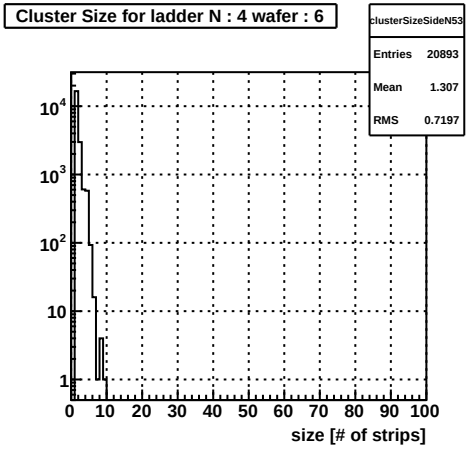

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 14160
Mean 1.364
RMS 0.6935
size [# of strips]

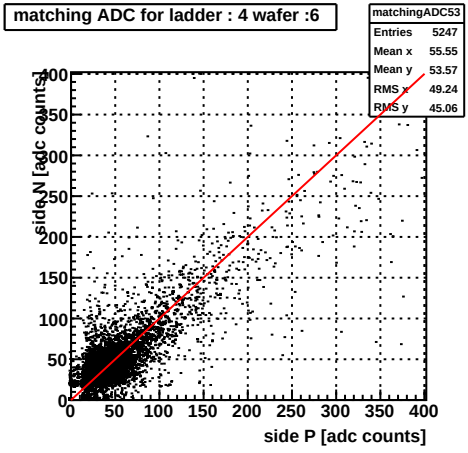

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 7418
Mean x 64.25
Mean y 62.52
RMS x 52.34
RMS y 49.89
side N [adc counts]
side P [adc counts]

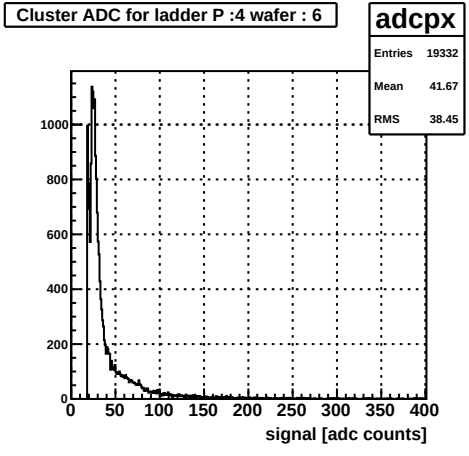

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 13694
Mean 55.63
RMS 51.93
signal [adc counts]

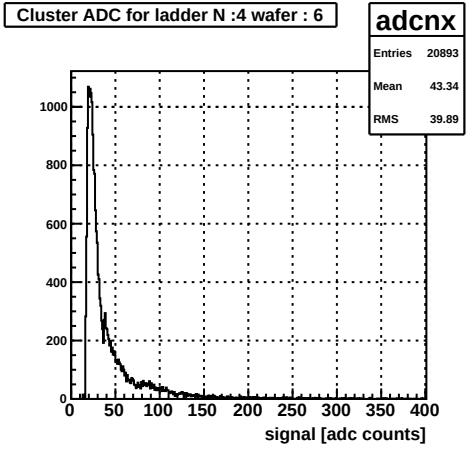

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 14160
Mean 55.28
RMS 48.9
signal [adc counts]

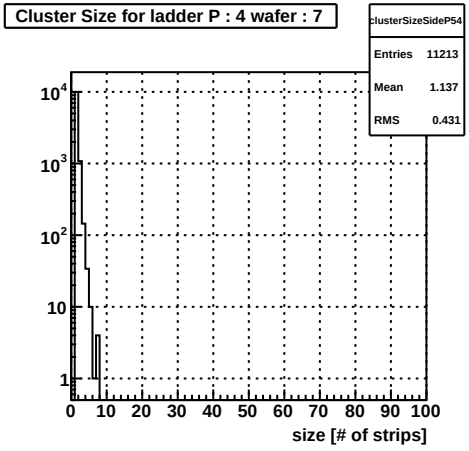

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 19332
Mean 1.083
RMS 0.3253
size [# of strips]

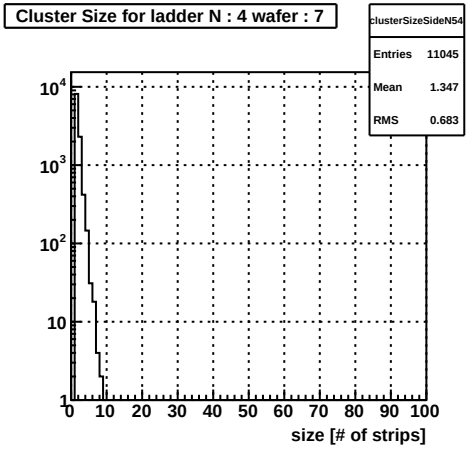

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 20893
Mean 1.307
RMS 0.7197
size [# of strips]

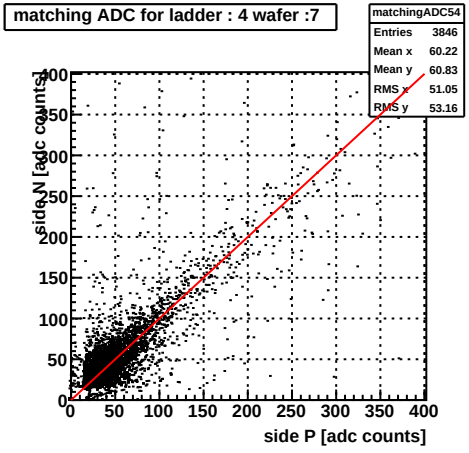

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 5247
Mean x 55.55
Mean y 53.57
RMS x 49.24
RMS y 45.06
side N [adc counts]
side P [adc counts]

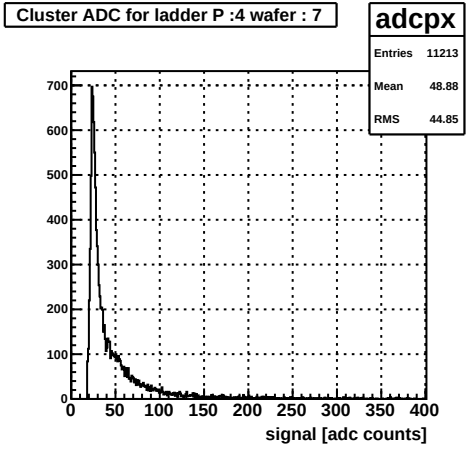

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 19332
Mean 41.67
RMS 38.45
signal [adc counts]

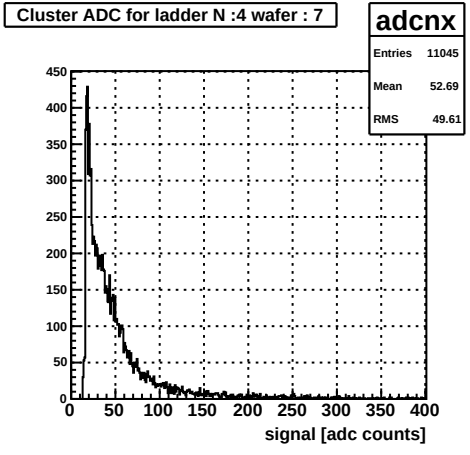

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 20893
Mean 43.34
RMS 39.89
signal [adc counts]

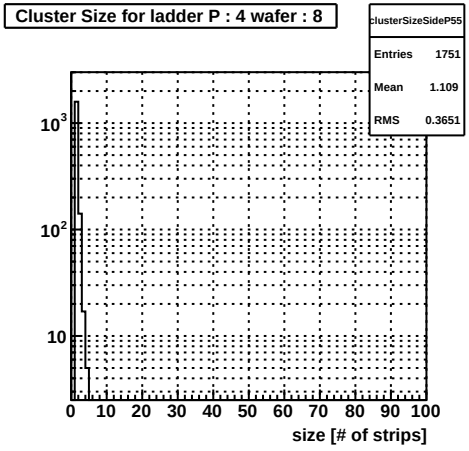

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 11213
Mean 1.137
RMS 0.431
size [# of strips]

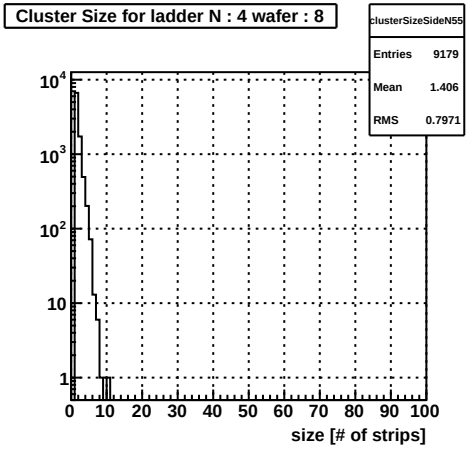

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 11045
Mean 1.347
RMS 0.683
size [# of strips]

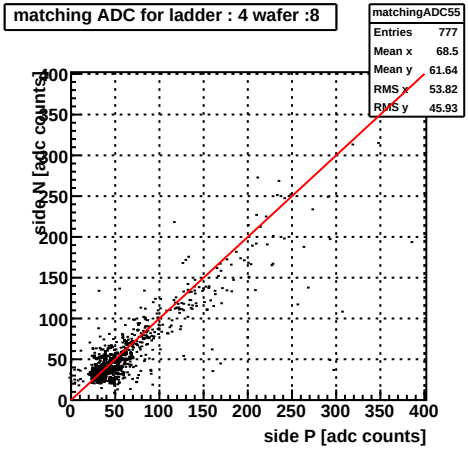

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 3846
Mean x 60.22
Mean y 60.83
RMS x 51.05
RMS y 53.16
side N [adc counts]
side P [adc counts]

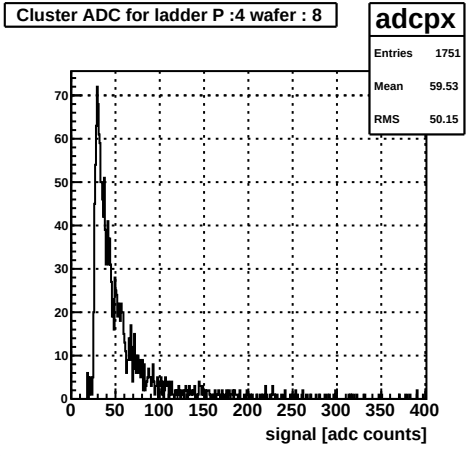

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 11213
Mean 48.88
RMS 44.85
signal [adc counts]

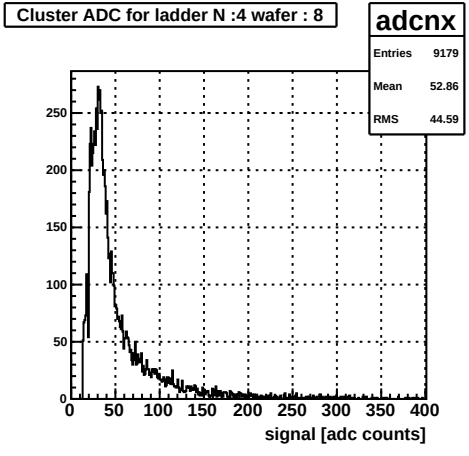

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 11045
Mean 52.69
RMS 49.61
signal [adc counts]

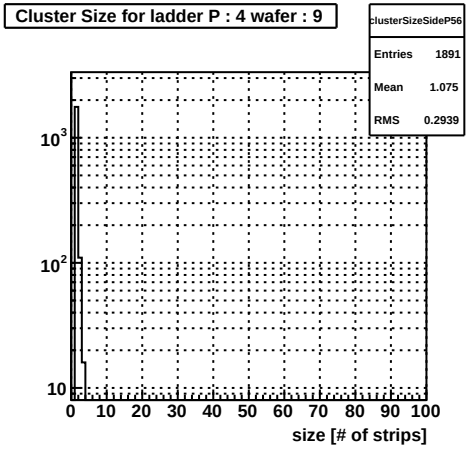

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1751
Mean 1.109
RMS 0.3651
size [# of strips]

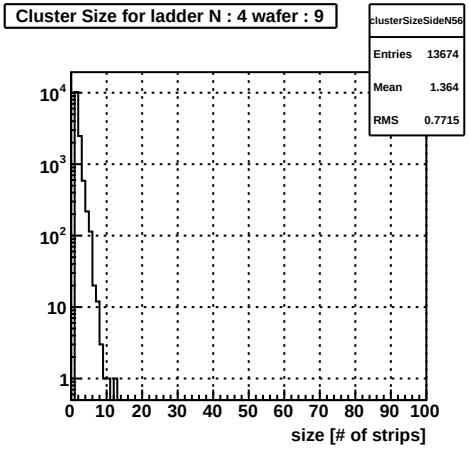

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 9179
Mean 1.406
RMS 0.7971
size [# of strips]

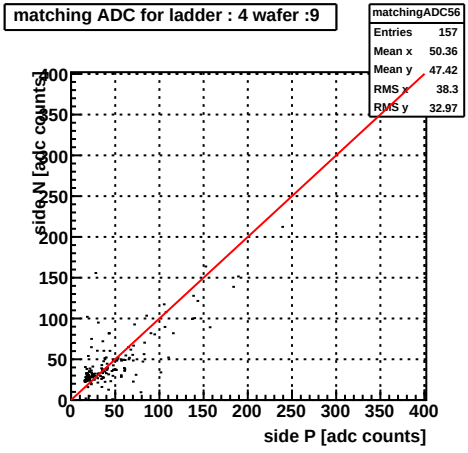

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 777
Mean x 68.5
Mean y 61.64
RMS x 53.82
RMS y 45.93
side N [adc counts]
side P [adc counts]

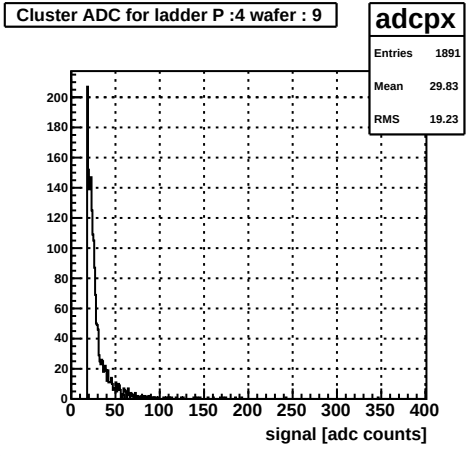

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1751
Mean 59.53
RMS 50.15
signal [adc counts]

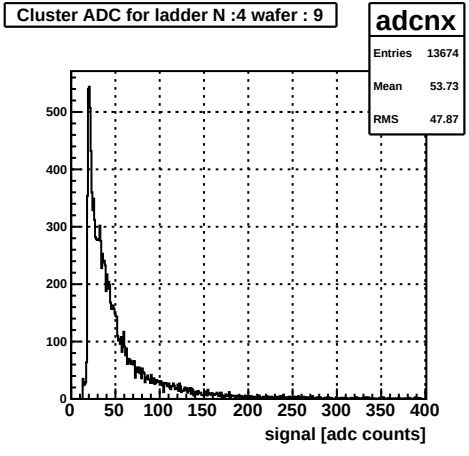

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 9179
Mean 52.86
RMS 44.59
signal [adc counts]

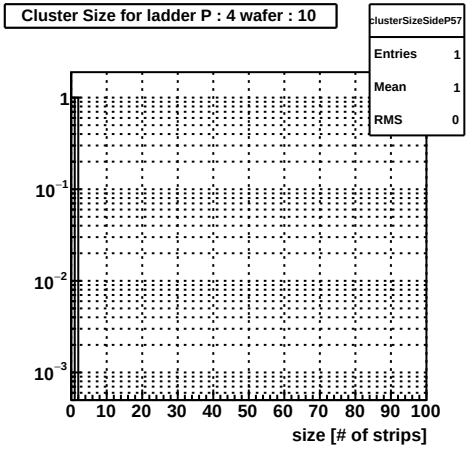

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1891
Mean 1.075
RMS 0.2939
size [# of strips]

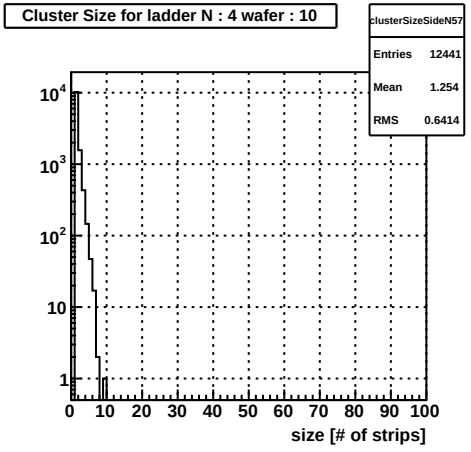

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 13674
Mean 1.364
RMS 0.7715
size [# of strips]

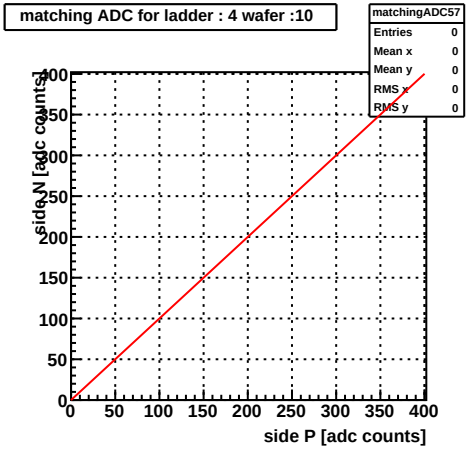

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 157
Mean x 50.36
Mean y 47.42
RMS x 38.3
RMS y 32.97
side N [adc counts]
side P [adc counts]

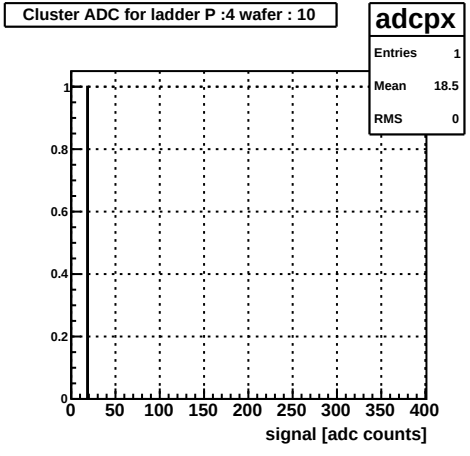

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1891
Mean 29.83
RMS 19.23
signal [adc counts]

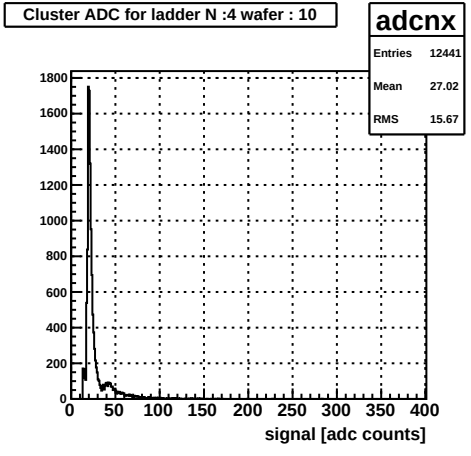

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 13674
Mean 53.73
RMS 47.87
signal [adc counts]

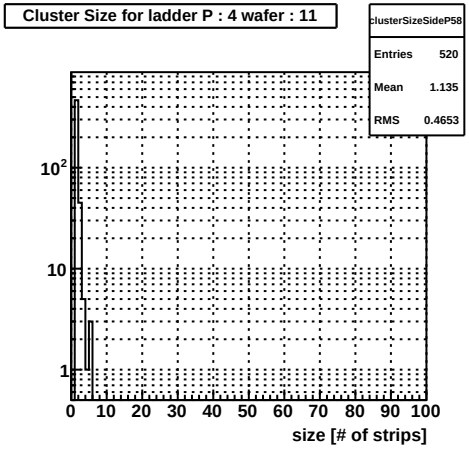

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1
Mean 1
RMS 0
size [# of strips]

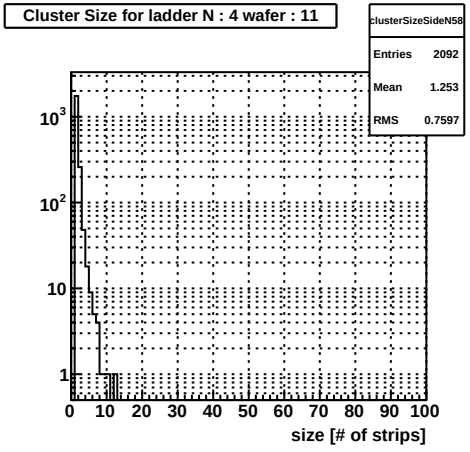

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 12441
Mean 1.254
RMS 0.6414
size [# of strips]

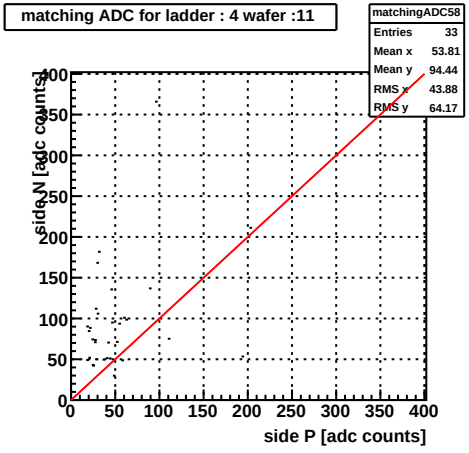

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

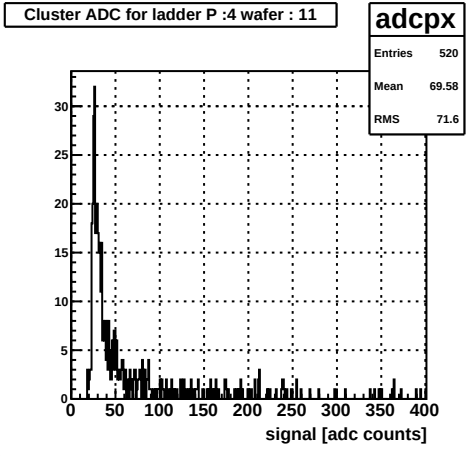

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1
Mean 18.5
RMS 0
signal [adc counts]

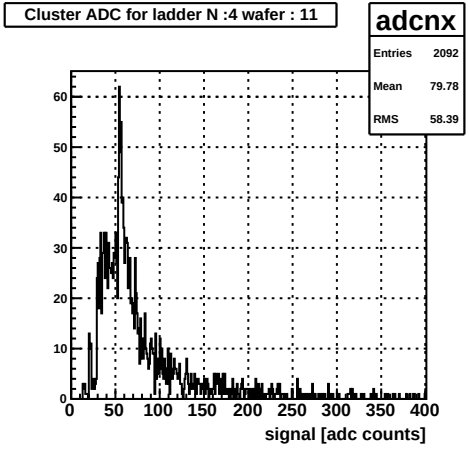

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 12441
Mean 27.02
RMS 15.67
signal [adc counts]

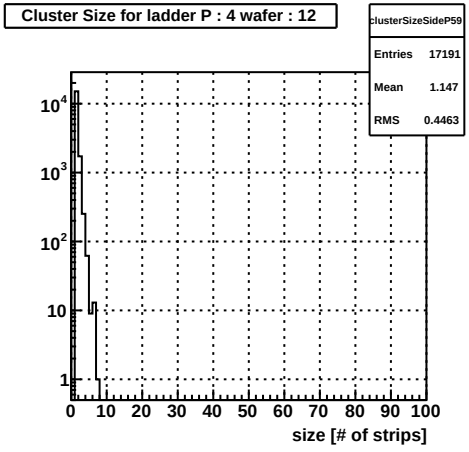

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 520
Mean 1.135
RMS 0.4653
size [# of strips]

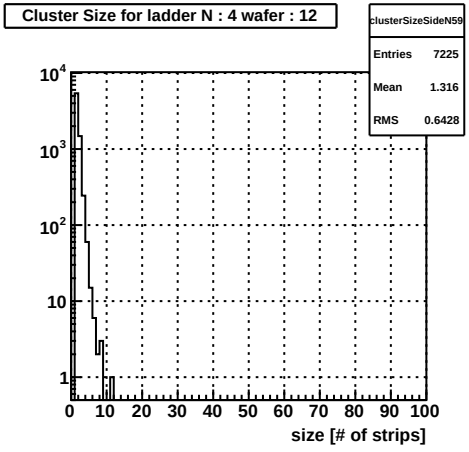

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2092
Mean 1.253
RMS 0.7597
size [# of strips]

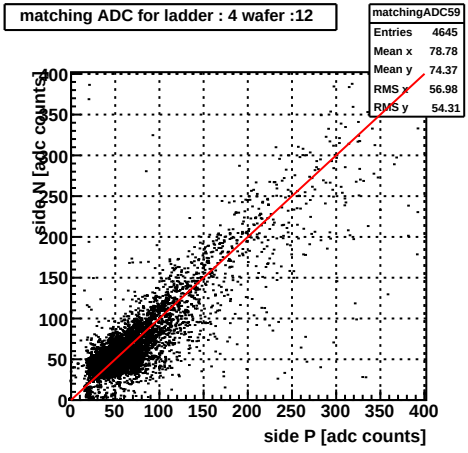

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 33
Mean x 53.81
Mean y 94.44
RMS x 43.88
RMS y 64.17
side N [adc counts]
side P [adc counts]

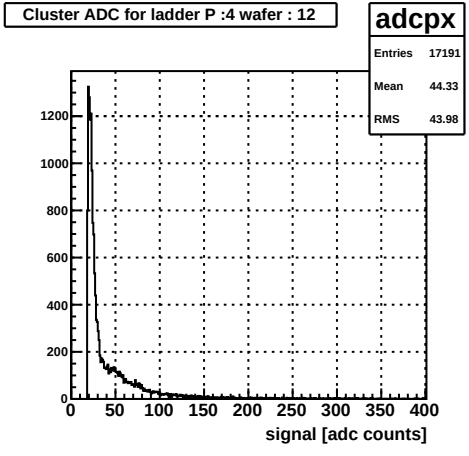

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 520
Mean 69.58
RMS 71.6
signal [adc counts]

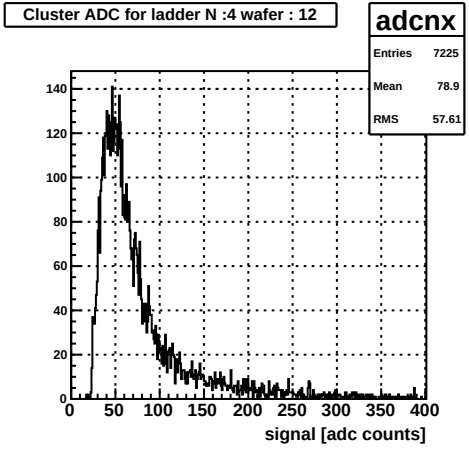

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2092
Mean 79.78
RMS 58.39
signal [adc counts]

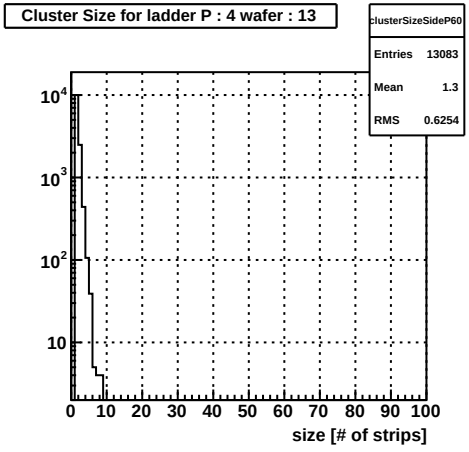

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 17191
Mean 1.147
RMS 0.4463
size [# of strips]

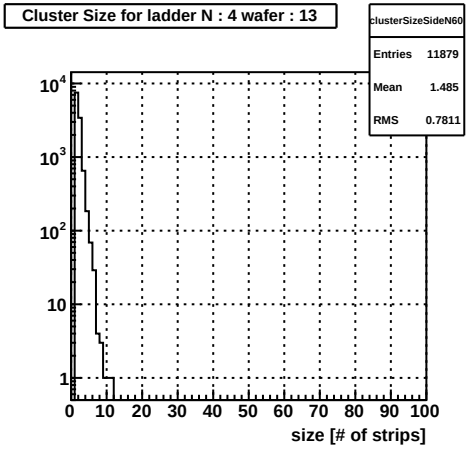

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 7225
Mean 1.316
RMS 0.6428
size [# of strips]

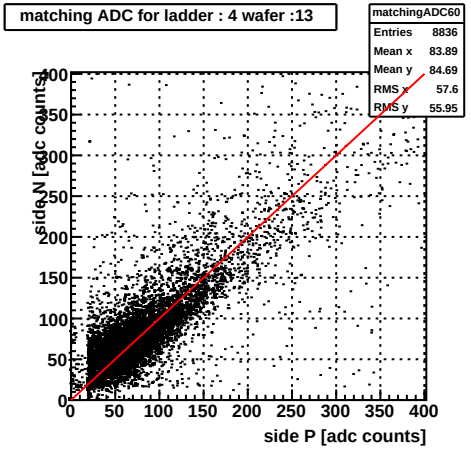

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 4645
Mean x 78.78
Mean y 74.37
RMS x 56.98
RMS y 54.31
side N [adc counts]
side P [adc counts]

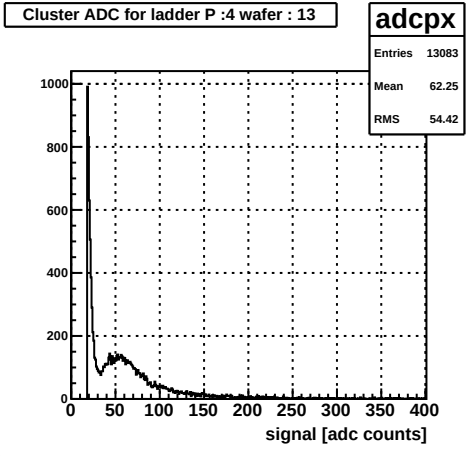

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 17191
Mean 44.33
RMS 43.98
signal [adc counts]

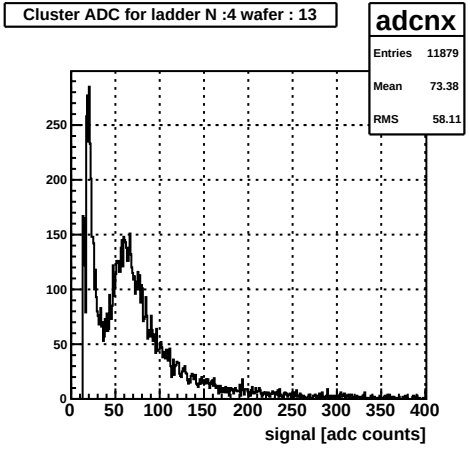

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 7225
Mean 78.9
RMS 57.61
signal [adc counts]

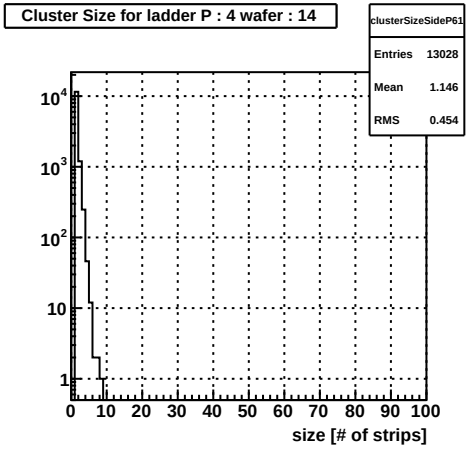

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 13083
Mean 1.3
RMS 0.6254
size [# of strips]

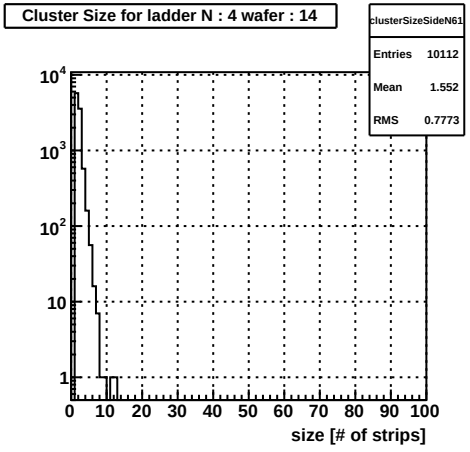

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 11879
Mean 1.485
RMS 0.7811
size [# of strips]

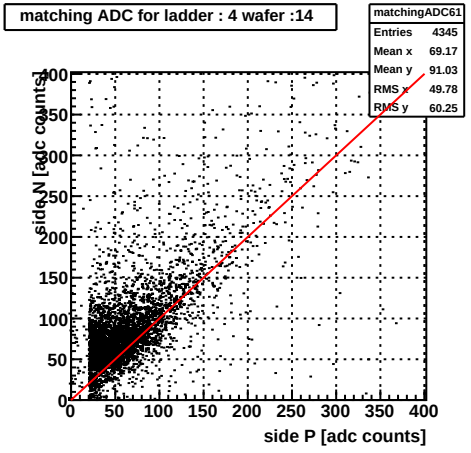

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 8836
Mean x 83.89
Mean y 84.69
RMS x 57.6
RMS y 55.95
side N [adc counts]
side P [adc counts]

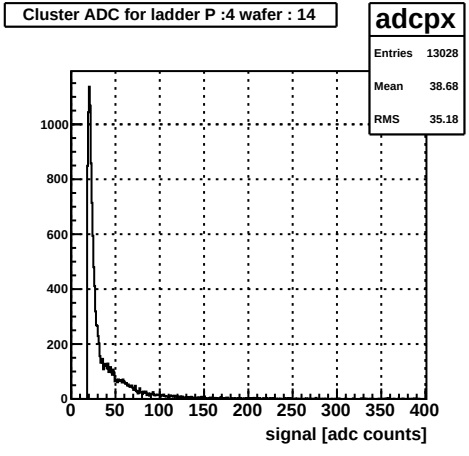

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 13083
Mean 62.25
RMS 54.42
signal [adc counts]

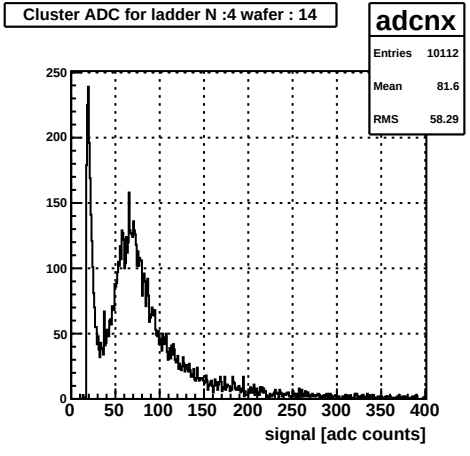

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 11879
Mean 73.38
RMS 58.11
signal [adc counts]

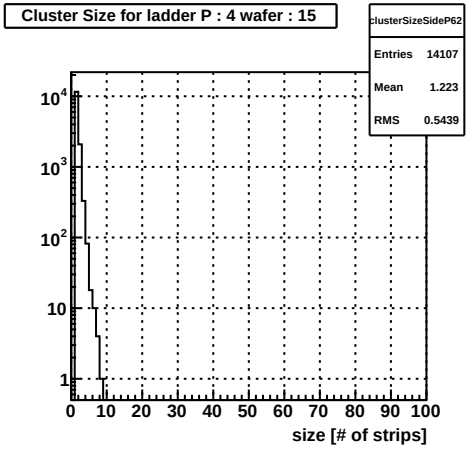

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 13028
Mean 1.146
RMS 0.454
size [# of strips]

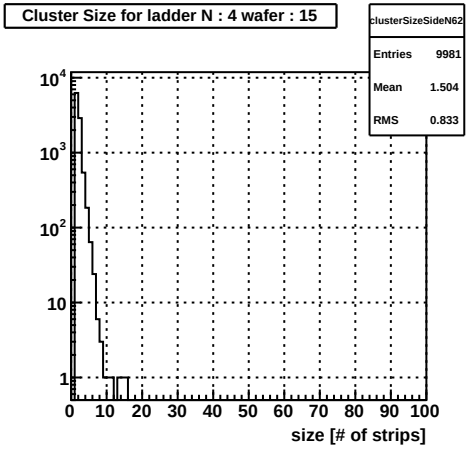

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 10112
Mean 1.552
RMS 0.7773
size [# of strips]

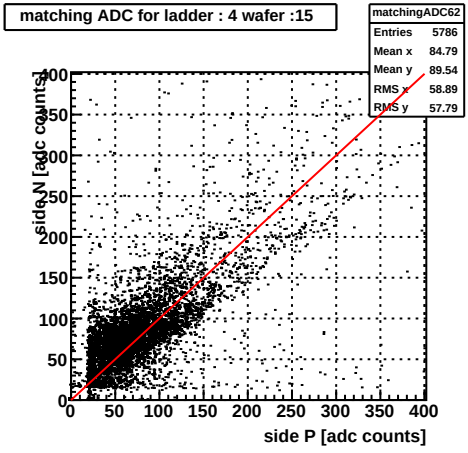

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 4345
Mean x 69.17
Mean y 91.03
RMS x 49.78
RMS y 60.25
side N [adc counts]
side P [adc counts]

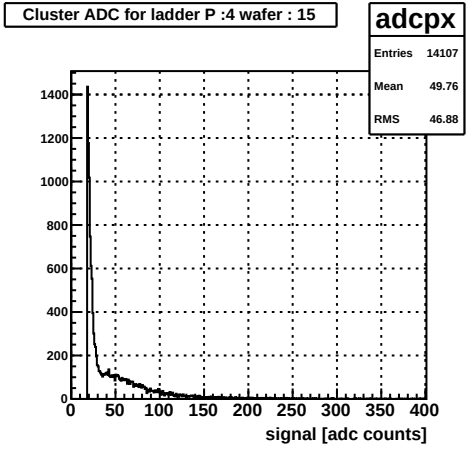

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 13028
Mean 38.68
RMS 35.18
signal [adc counts]

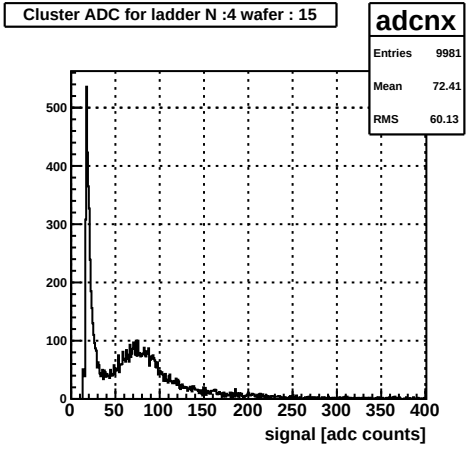

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 10112
Mean 81.6
RMS 58.29
signal [adc counts]

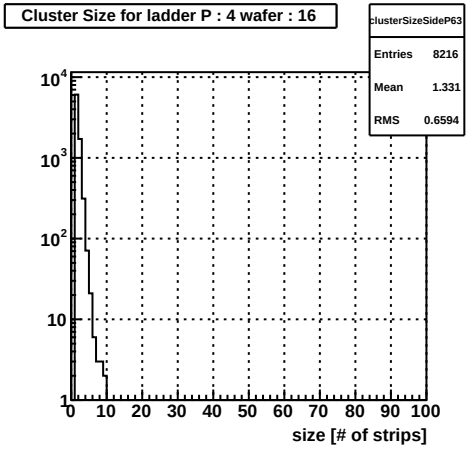

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 14107
Mean 1.223
RMS 0.5439
size [# of strips]

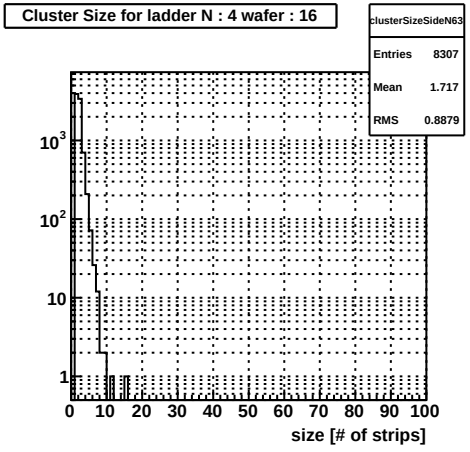

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 9981
Mean 1.504
RMS 0.833
size [# of strips]

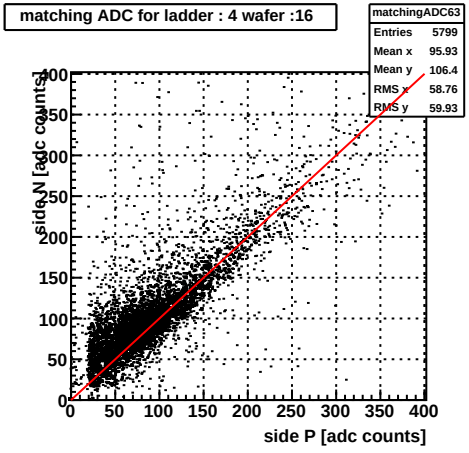

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 5786
Mean x 84.79
Mean y 89.54
RMS x 58.89
RMS y 57.79
side N [adc counts]
side P [adc counts]

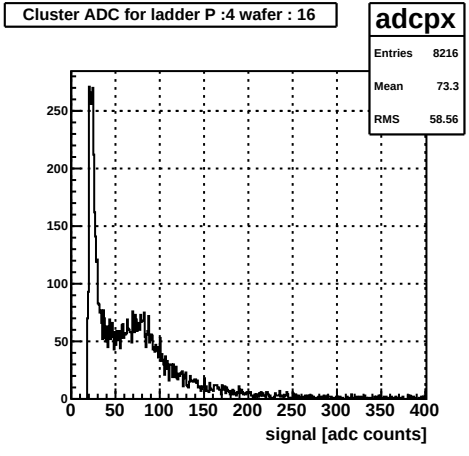

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 14107
Mean 49.76
RMS 46.88
signal [adc counts]

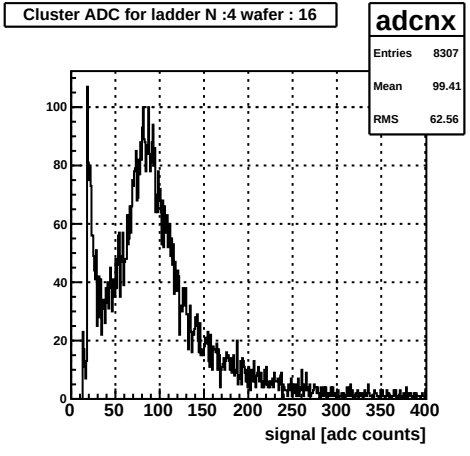

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 9981
Mean 72.41
RMS 60.13
signal [adc counts]

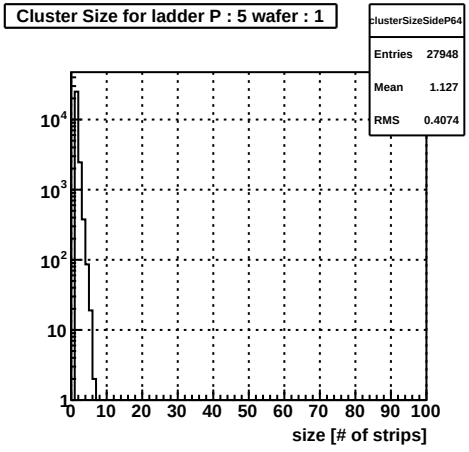

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 8216
Mean 1.331
RMS 0.6594
size [# of strips]

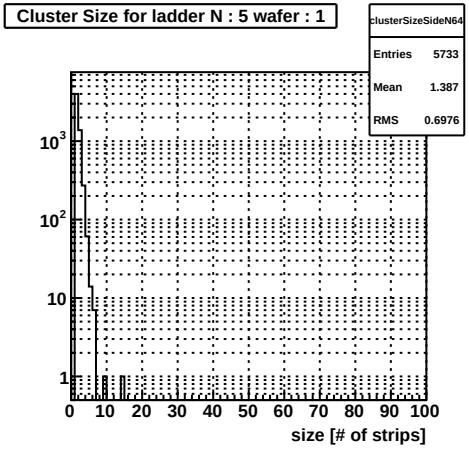

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 8307
Mean 1.717
RMS 0.8879
size [# of strips]

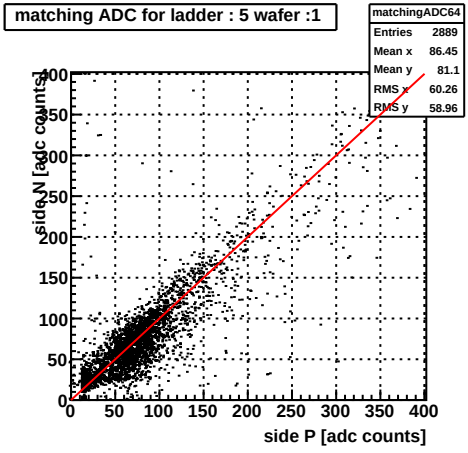

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 5799
Mean x 95.93
Mean y 106.4
RMS x 58.76
RMS y 59.93
side N [adc counts]
side P [adc counts]

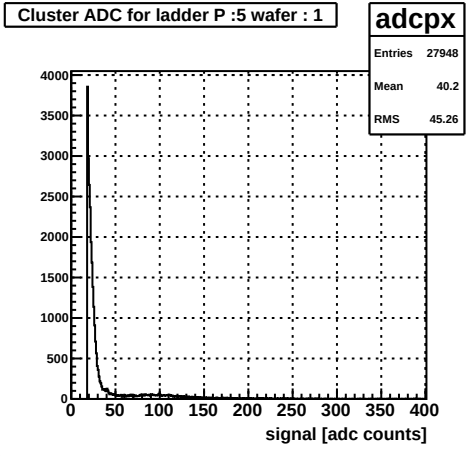

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 8216
Mean 73.3
RMS 58.56
signal [adc counts]

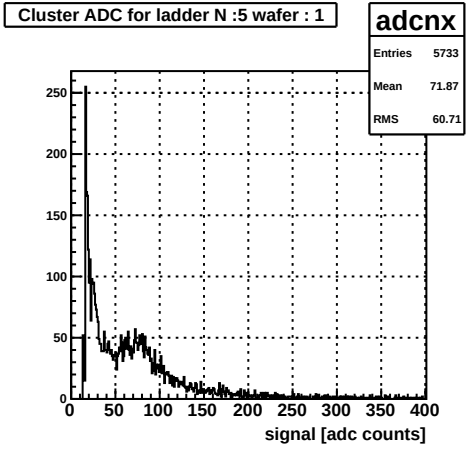

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 8307
Mean 99.41
RMS 62.56
signal [adc counts]

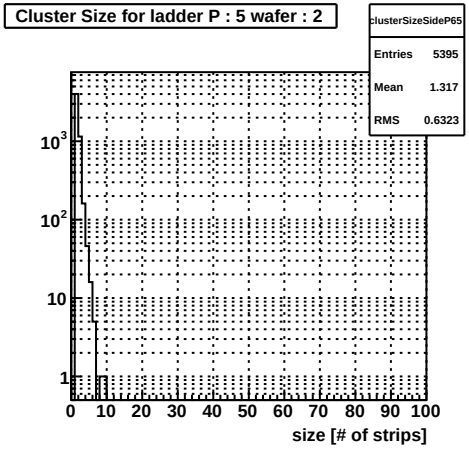

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 27948
Mean 1.127
RMS 0.4074
size [# of strips]

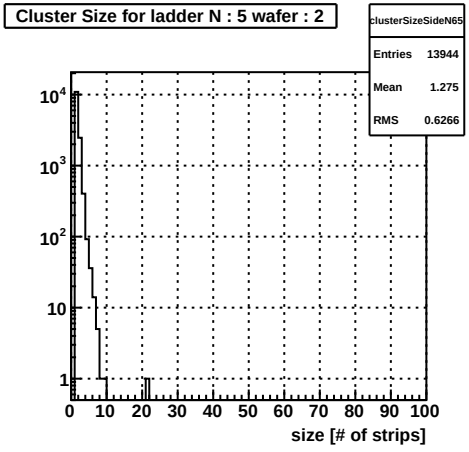

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 5733
Mean 1.387
RMS 0.6976
size [# of strips]

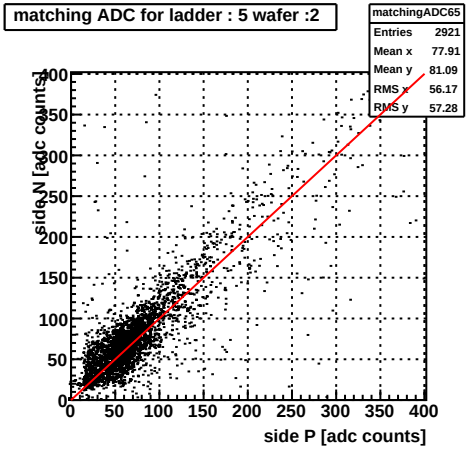

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 2889
Mean x 86.45
Mean y 81.1
RMS x 60.26
RMS y 58.96
side N [adc counts]
side P [adc counts]

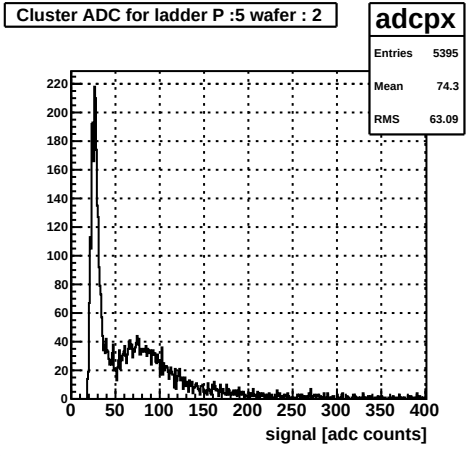

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 27948
Mean 40.2
RMS 45.26
signal [adc counts]

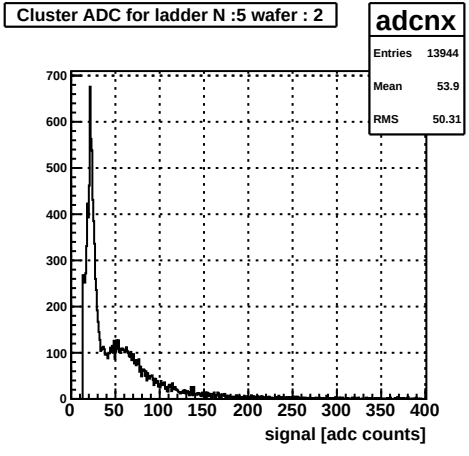

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 5733
Mean 71.87
RMS 60.71
signal [adc counts]

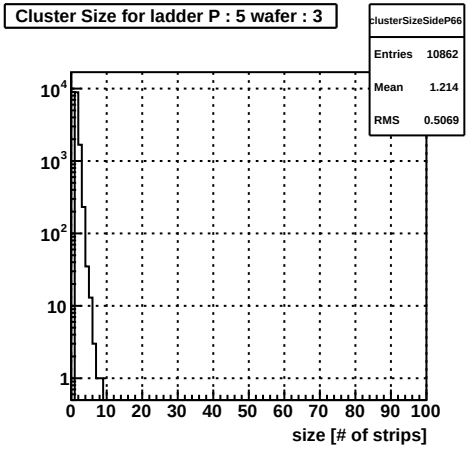

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 5395
Mean 1.317
RMS 0.6323
size [# of strips]

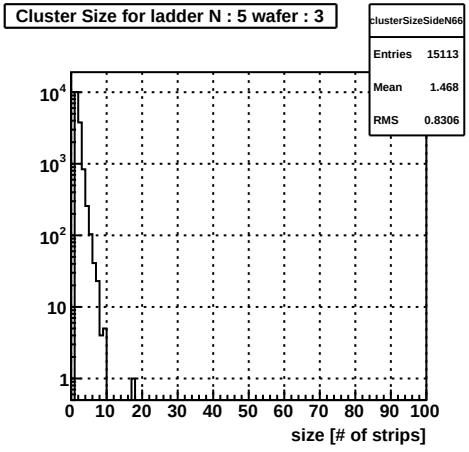

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 13944
Mean 1.275
RMS 0.6266
size [# of strips]

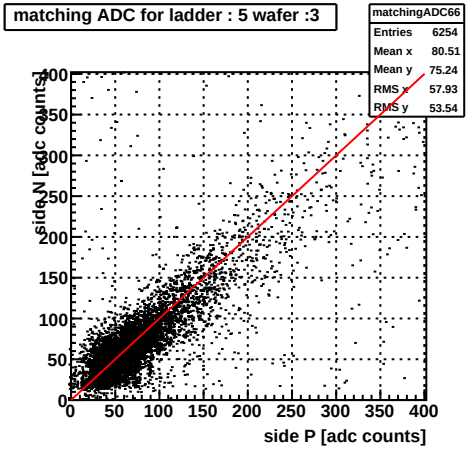

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 2921
Mean x 77.91
Mean y 81.09
RMS x 56.17
RMS y 57.28
side N [adc counts]
side P [adc counts]

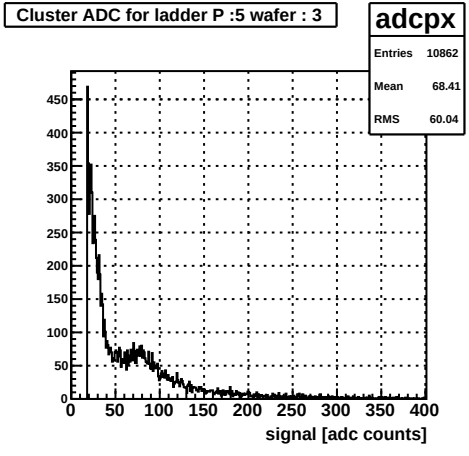

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 5395
Mean 74.3
RMS 63.09
signal [adc counts]

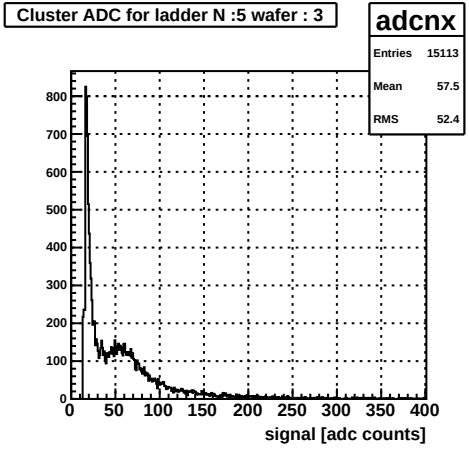

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 13944
Mean 53.9
RMS 50.31
signal [adc counts]

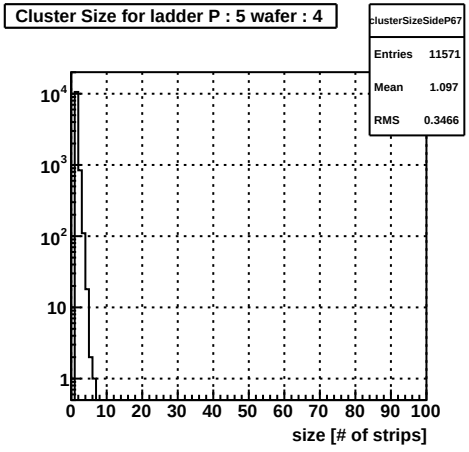

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 10862
Mean 1.214
RMS 0.5069
size [# of strips]

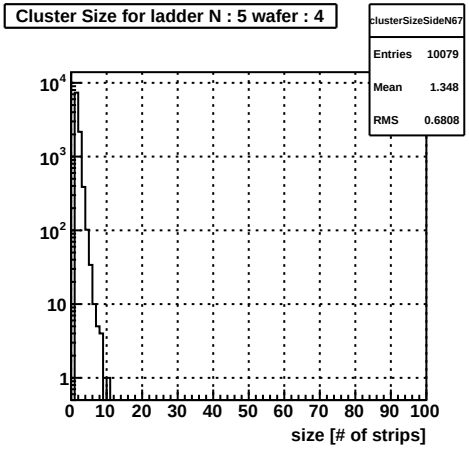

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 15113
Mean 1.468
RMS 0.8306
size [# of strips]

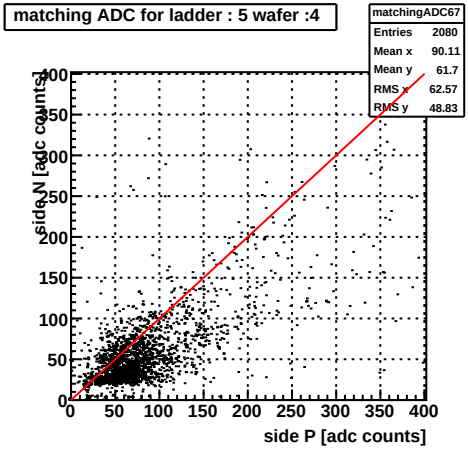

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 6254
Mean x 80.51
Mean y 75.24
RMS x 57.93
RMS y 53.54
side N [adc counts]
side P [adc counts]

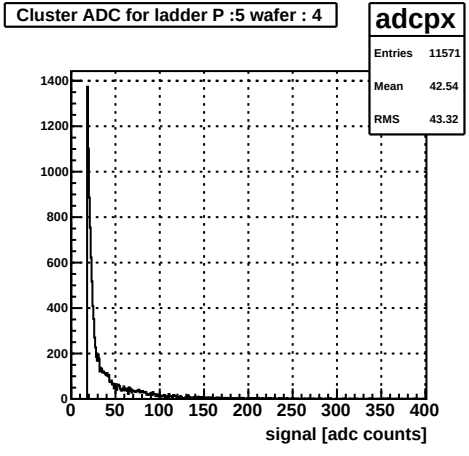

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 10862
Mean 68.41
RMS 60.04
signal [adc counts]

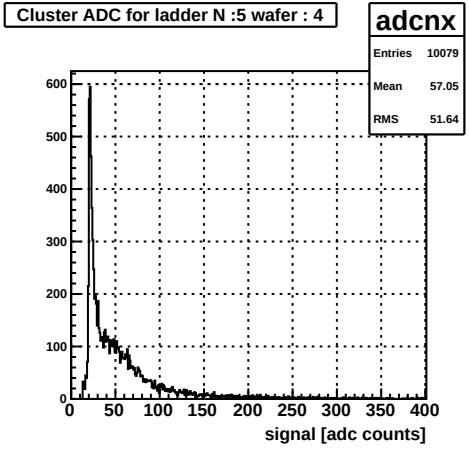

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 15113
Mean 57.5
RMS 52.4
signal [adc counts]

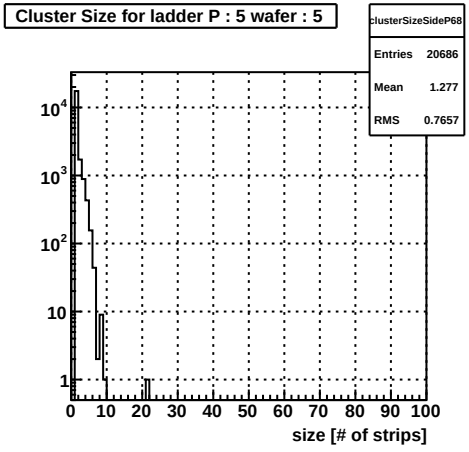

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 11571
Mean 1.097
RMS 0.3466
size [# of strips]

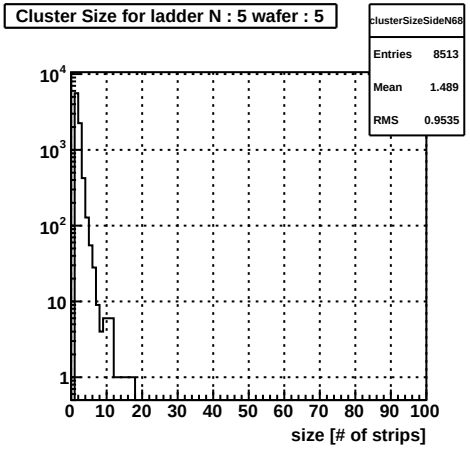

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 10079
Mean 1.348
RMS 0.6808
size [# of strips]

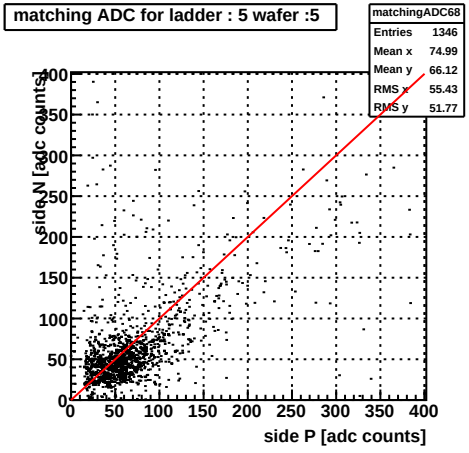

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 2080
Mean x 90.11
Mean y 61.7
RMS x 62.57
RMS y 48.83
side N [adc counts]
side P [adc counts]

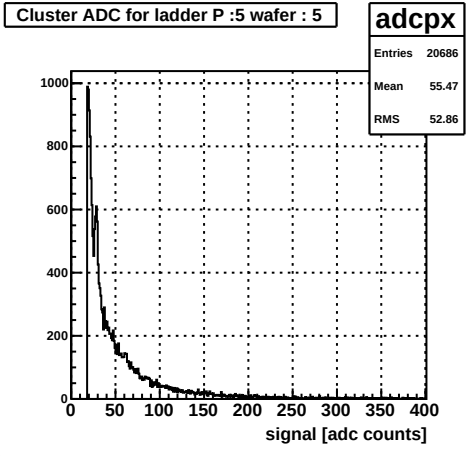

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 11571
Mean 42.54
RMS 43.32
signal [adc counts]

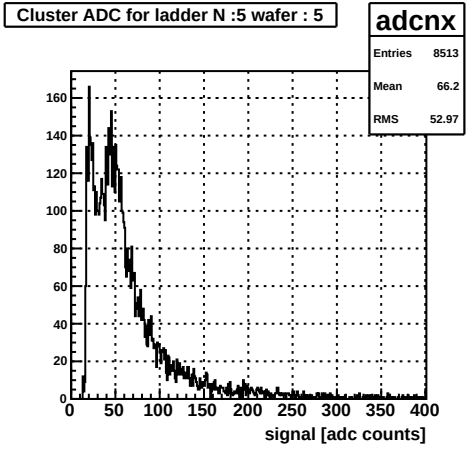

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 10079
Mean 57.05
RMS 51.64
signal [adc counts]

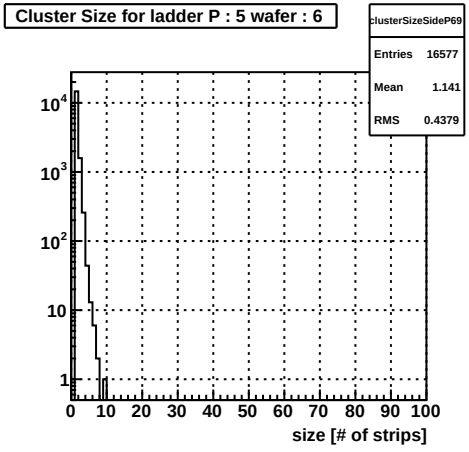

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 20686
Mean 1.277
RMS 0.7657
size [# of strips]

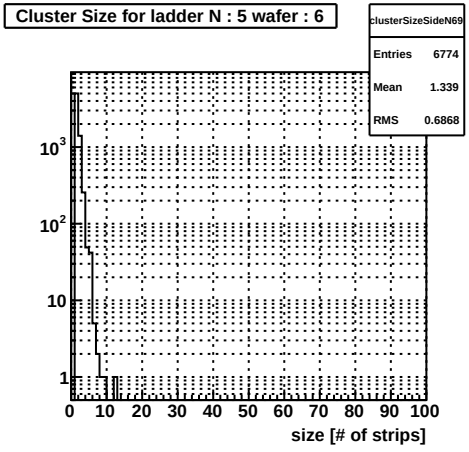

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 8513
Mean 1.489
RMS 0.9535
size [# of strips]

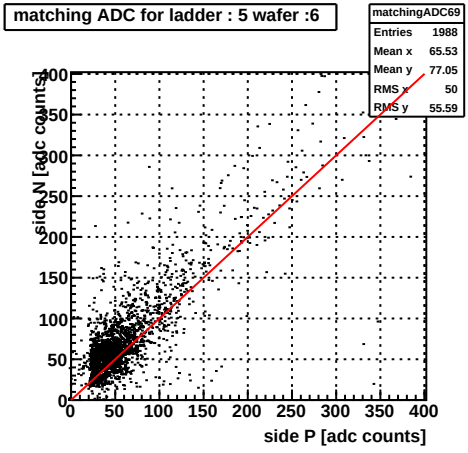

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1346
Mean x 74.99
Mean y 66.12
RMS x 55.43
RMS y 51.77
side N [adc counts]
side P [adc counts]

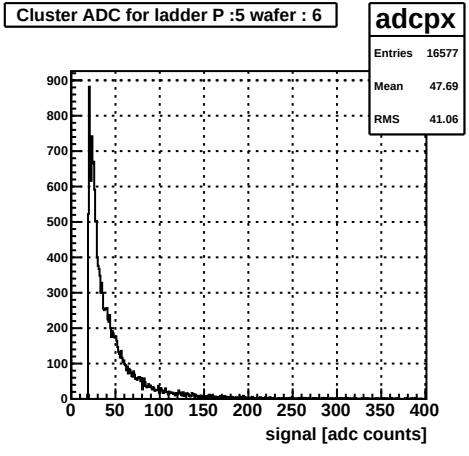

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 20686
Mean 55.47
RMS 52.86
signal [adc counts]

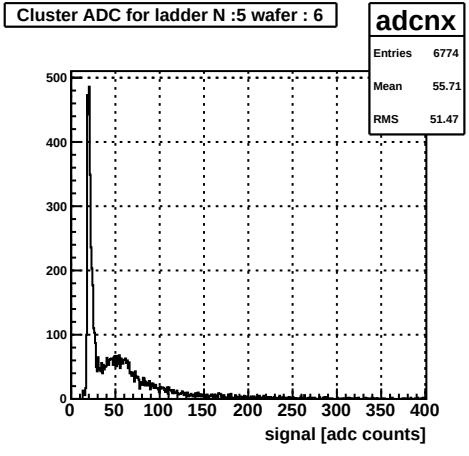

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 8513
Mean 66.2
RMS 52.97
signal [adc counts]

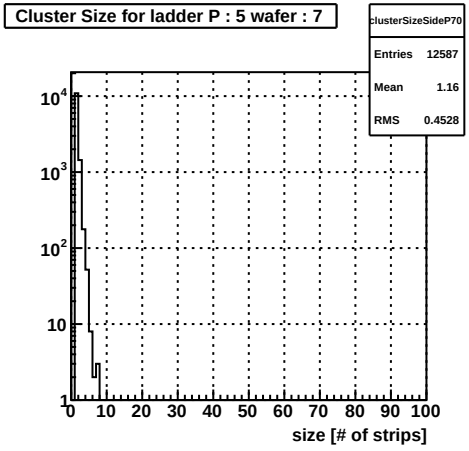

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 16577
Mean 1.141
RMS 0.4379
size [# of strips]

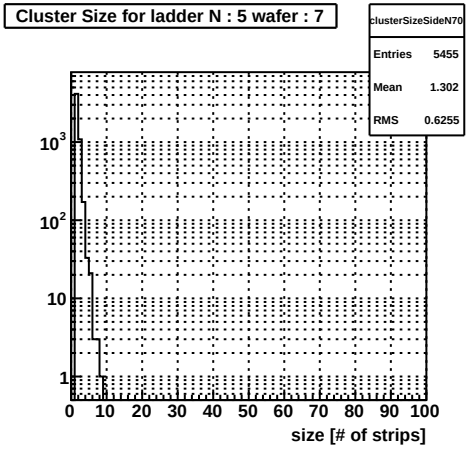

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 6774
Mean 1.339
RMS 0.6868
size [# of strips]

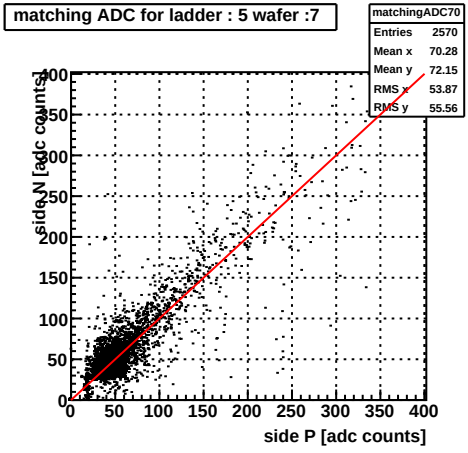

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 1988
Mean x 65.53
Mean y 77.05
RMS x 50
RMS y 55.59
side N [adc counts]
side P [adc counts]

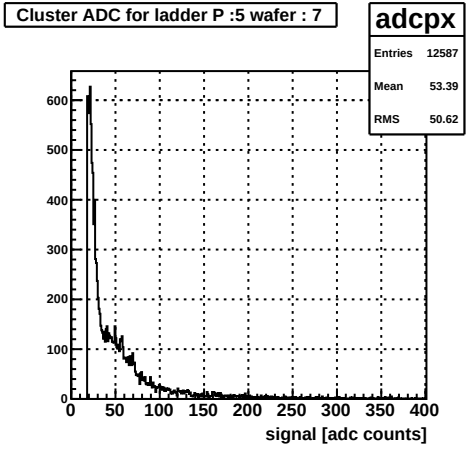

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 16577
Mean 47.69
RMS 41.06
signal [adc counts]

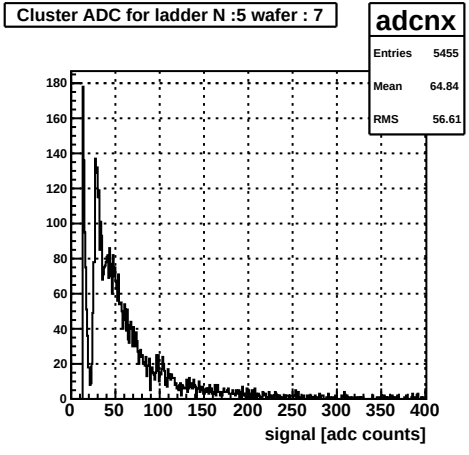

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 6774
Mean 55.71
RMS 51.47
signal [adc counts]

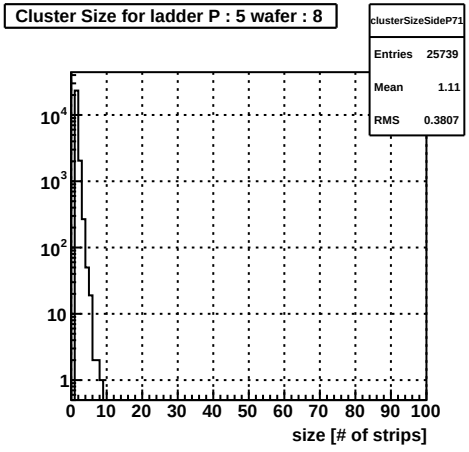

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 12587
Mean 1.16
RMS 0.4528
size [# of strips]

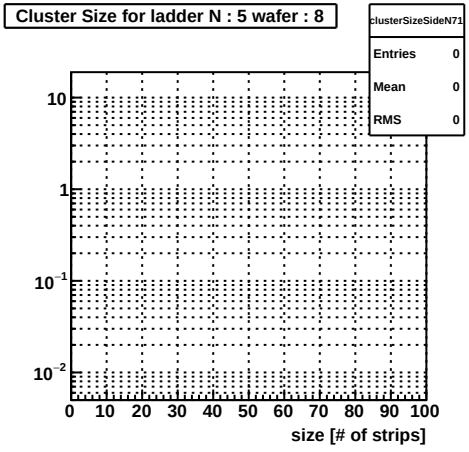

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 5455
Mean 1.302
RMS 0.6255
size [# of strips]

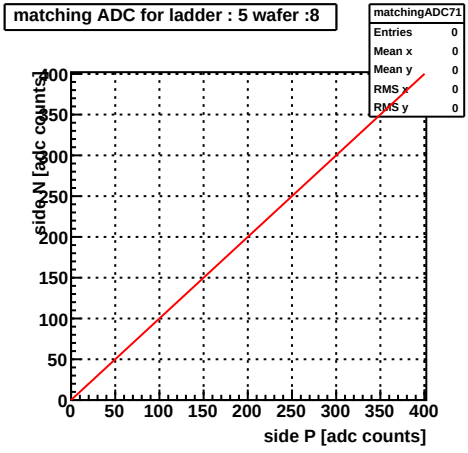

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 2570
Mean x 70.28
Mean y 72.15
RMS x 53.87
RMS y 55.56
side N [adc counts]
side P [adc counts]

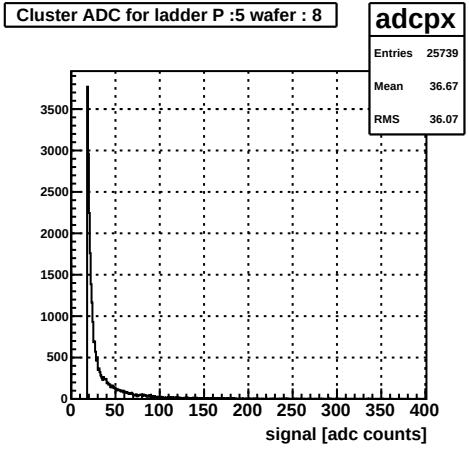

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 12587
Mean 53.39
RMS 50.62
signal [adc counts]

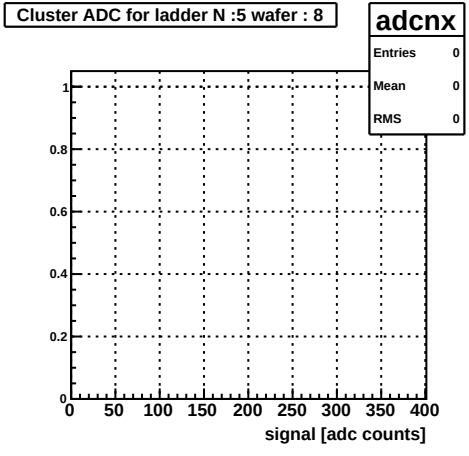

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 5455
Mean 64.84
RMS 56.61
signal [adc counts]

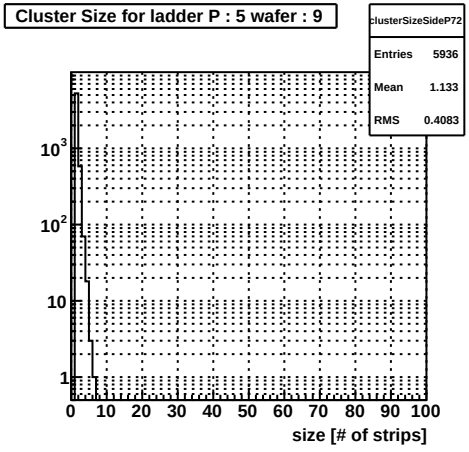

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 25739
Mean 1.11
RMS 0.3807
size [# of strips]

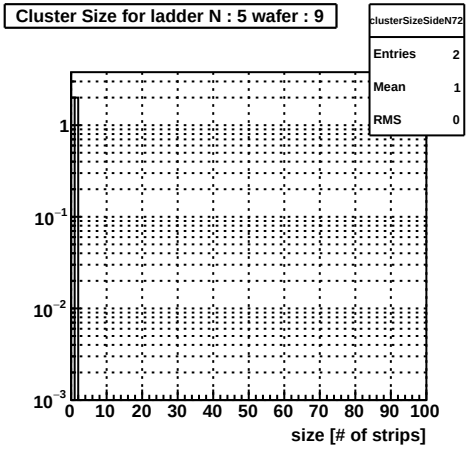

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

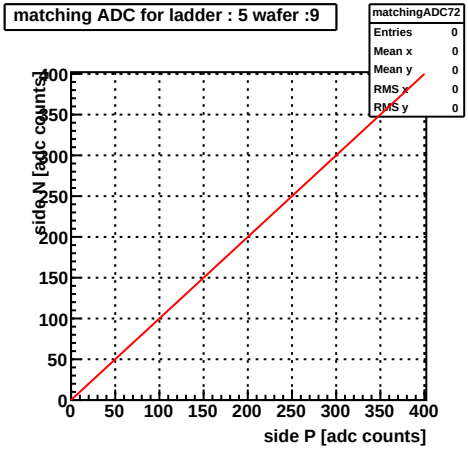

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

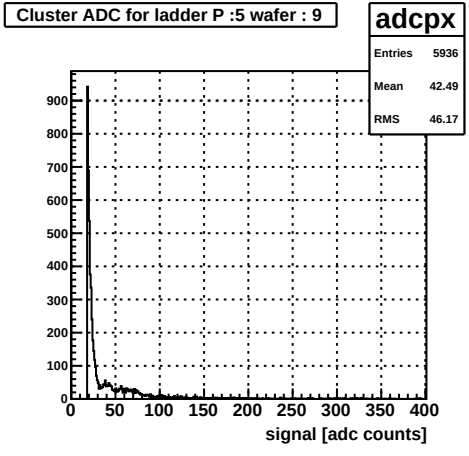

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 25739
Mean 36.67
RMS 36.07
signal [adc counts]

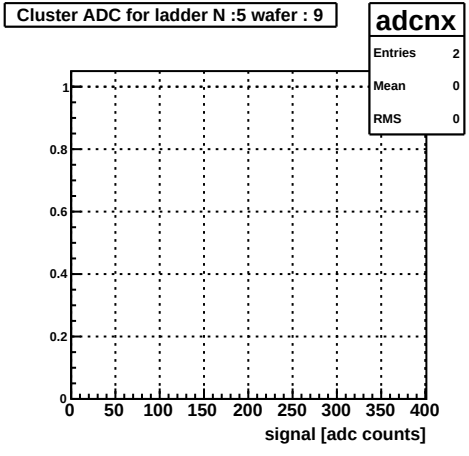

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

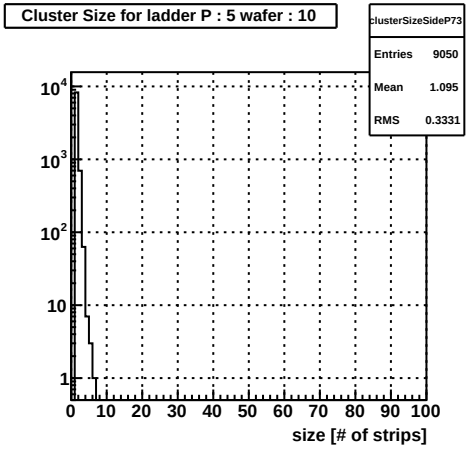

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5936
Mean 1.133
RMS 0.4083
size [# of strips]

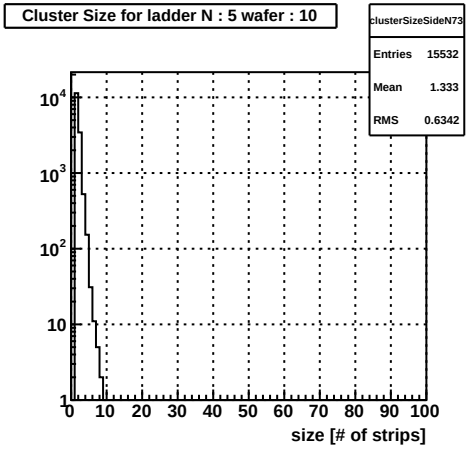

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 2
Mean 1
RMS 0
size [# of strips]

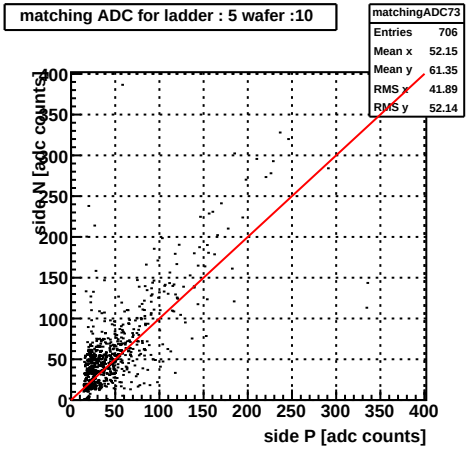

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

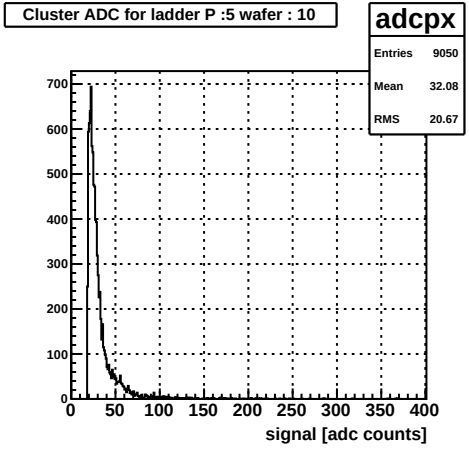

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5936
Mean 42.49
RMS 46.17
signal [adc counts]

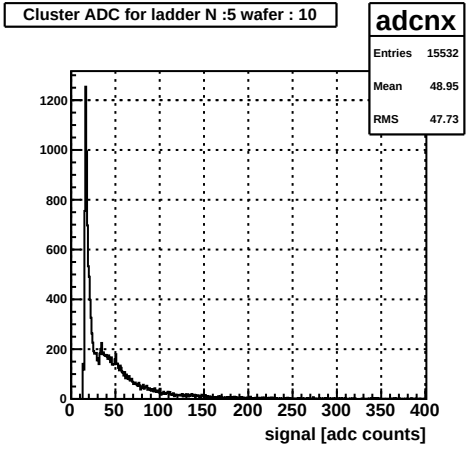

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

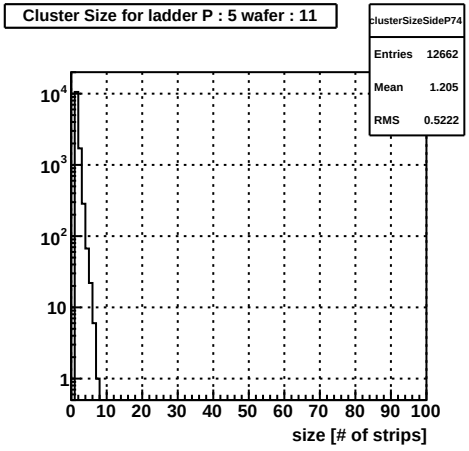

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 9050
Mean 1.095
RMS 0.3331
size [# of strips]

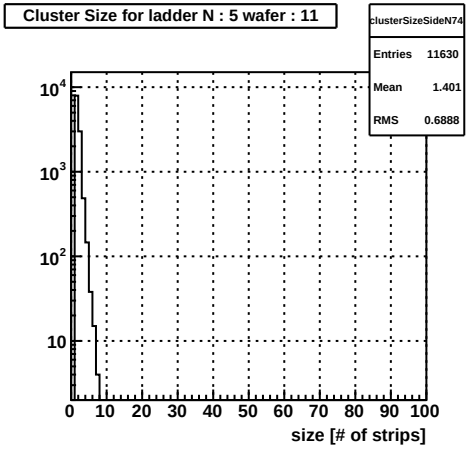

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 15532
Mean 1.333
RMS 0.6342
size [# of strips]

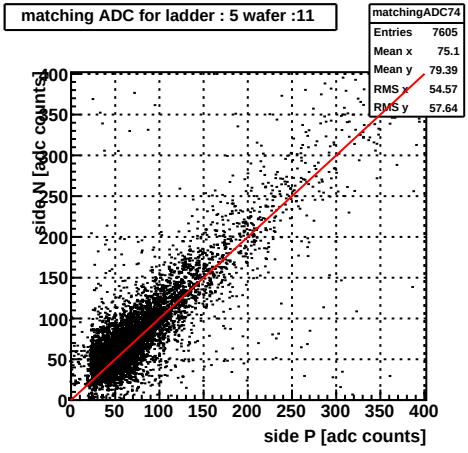

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 706
Mean x 52.15
Mean y 61.35
RMS x 41.89
RMS y 52.14
side N [adc counts]
side P [adc counts]

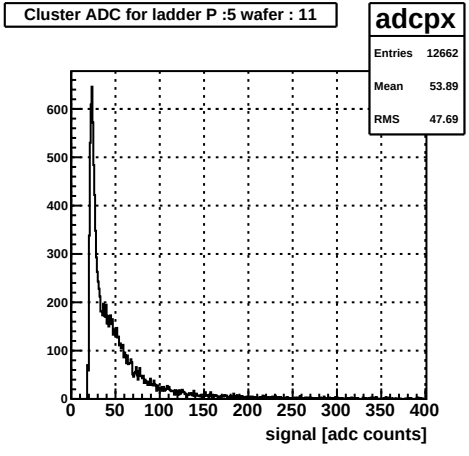

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 9050
Mean 32.08
RMS 20.67
signal [adc counts]

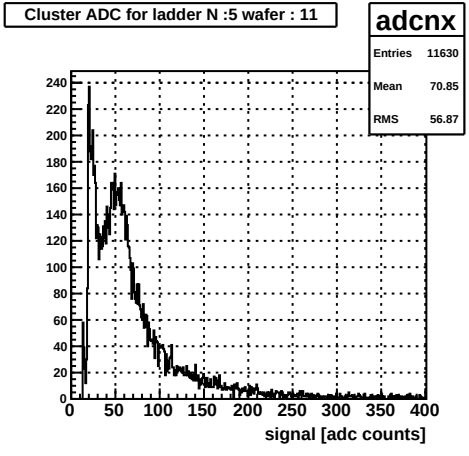

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 15532
Mean 48.95
RMS 47.73
signal [adc counts]

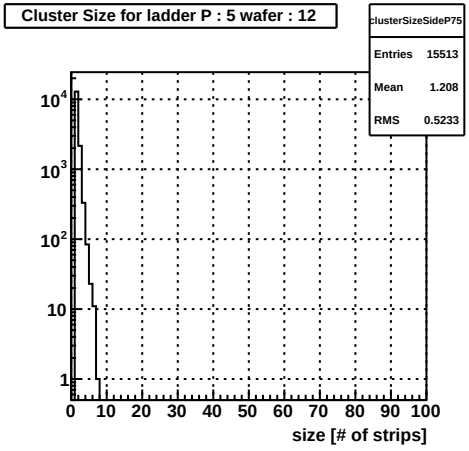

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 12662
Mean 1.205
RMS 0.5222
size [# of strips]

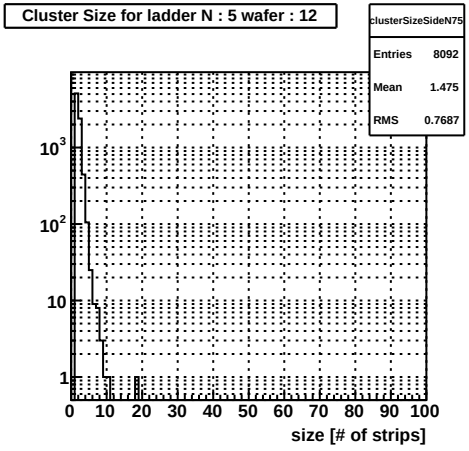

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 11630
Mean 1.401
RMS 0.6888
size [# of strips]

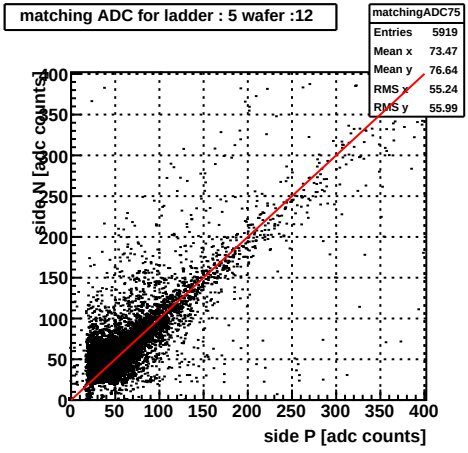

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 7605
Mean x 75.1
Mean y 79.39
RMS x 54.57
RMS y 57.64
side N [adc counts]
side P [adc counts]

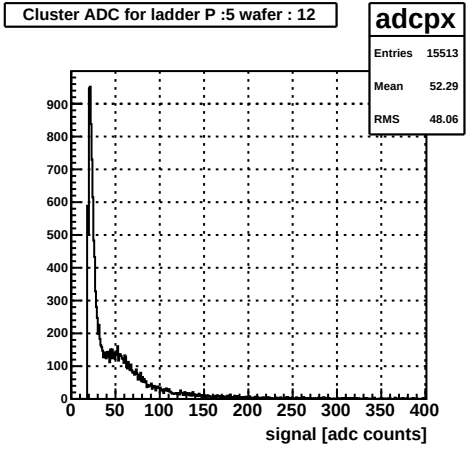

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 12662
Mean 53.89
RMS 47.69
signal [adc counts]

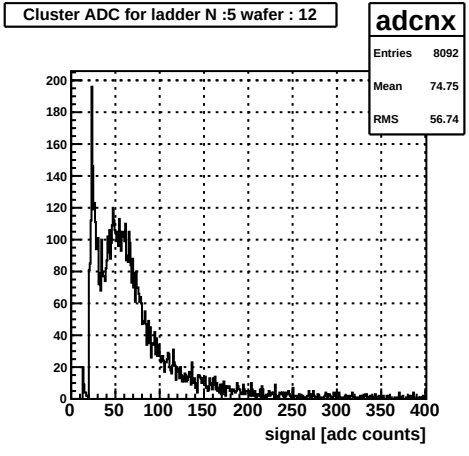

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 11630
Mean 70.85
RMS 56.87
signal [adc counts]

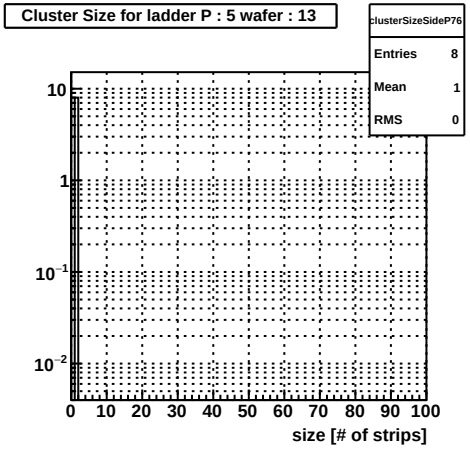

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 15513
Mean 1.208
RMS 0.5233
size [# of strips]

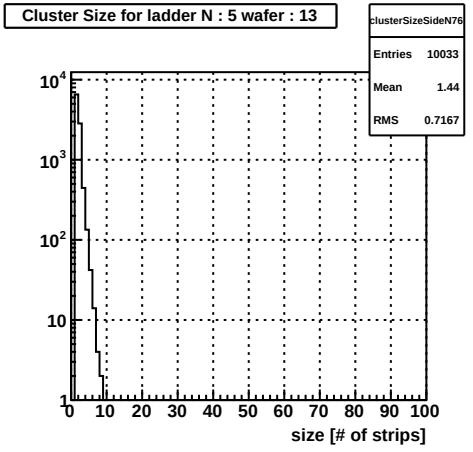

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 8092
Mean 1.475
RMS 0.7687
size [# of strips]

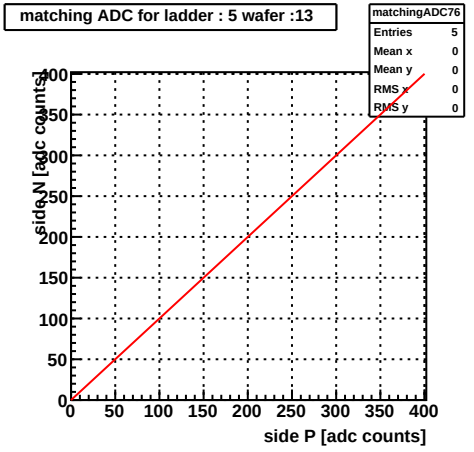

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 5919
Mean x 73.47
Mean y 76.64
RMS x 55.24
RMS y 55.99
side N [adc counts]
side P [adc counts]

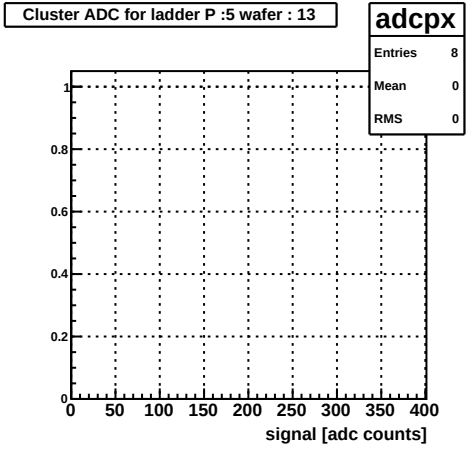

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 15513
Mean 52.29
RMS 48.06
signal [adc counts]

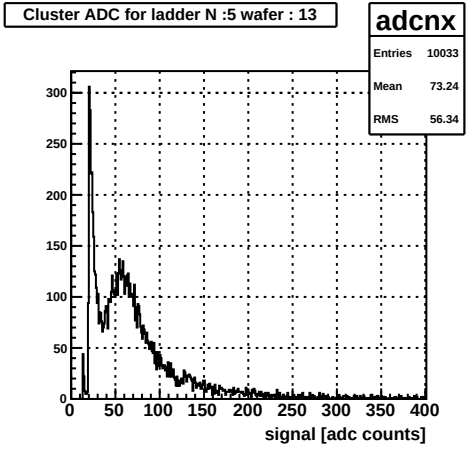

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 8092
Mean 74.75
RMS 56.74
signal [adc counts]

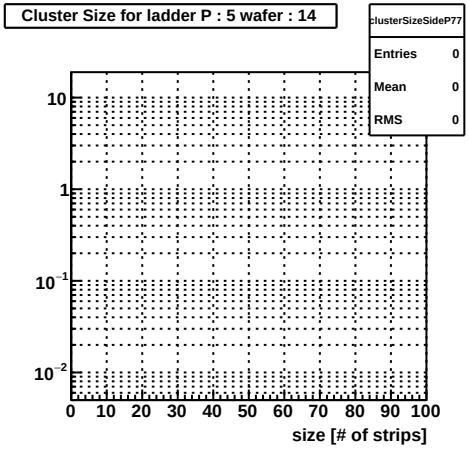

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 8
Mean 1
RMS 0
size [# of strips]

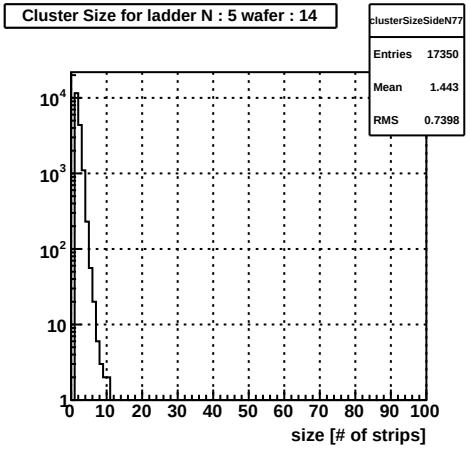

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 10033
Mean 1.44
RMS 0.7167
size [# of strips]

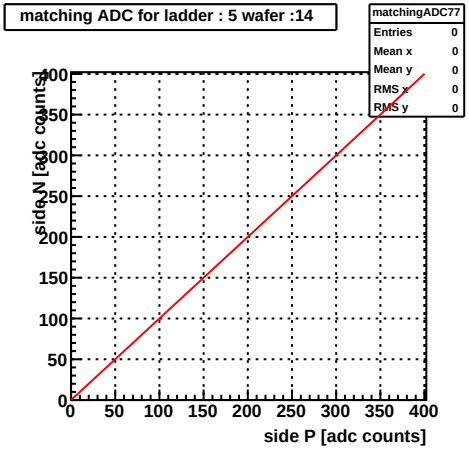

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

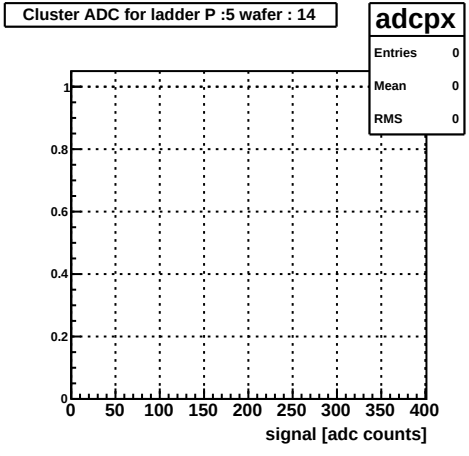

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

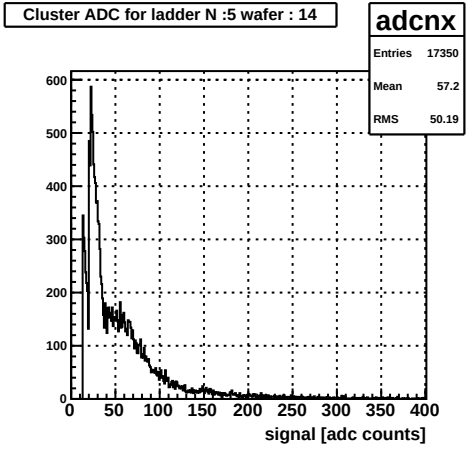

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 10033
Mean 73.24
RMS 56.34
signal [adc counts]

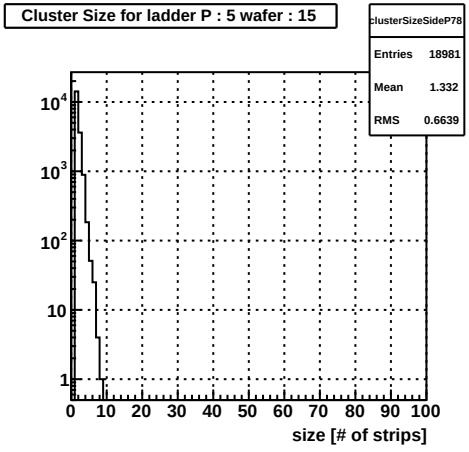

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

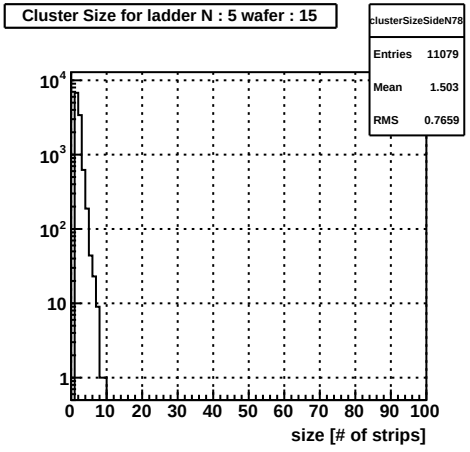

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 17350
Mean 1.443
RMS 0.7398
size [# of strips]

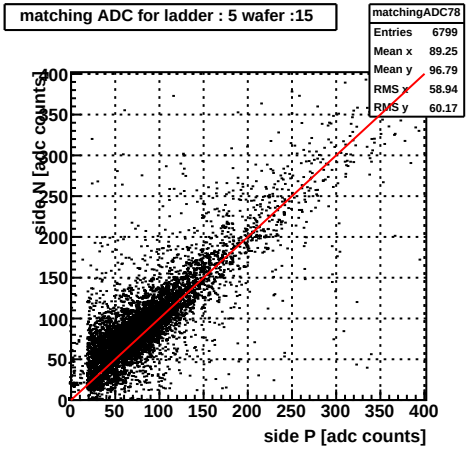

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

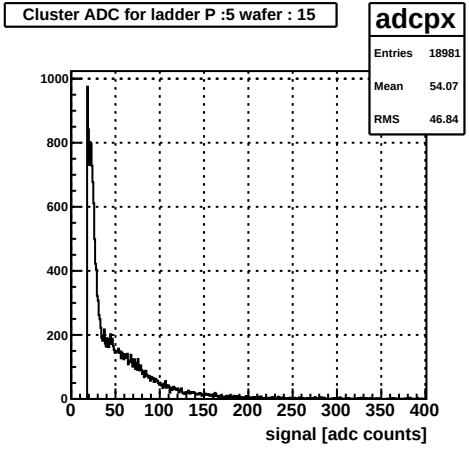

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

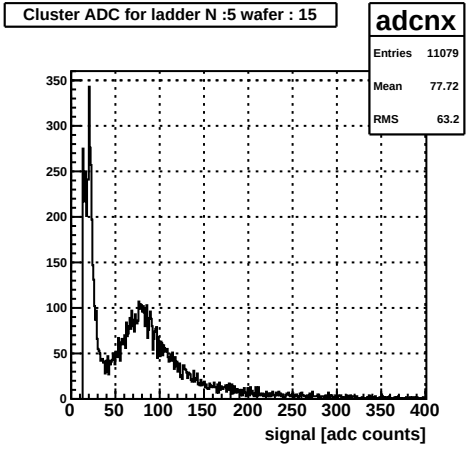

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 17350
Mean 57.2
RMS 50.19
signal [adc counts]

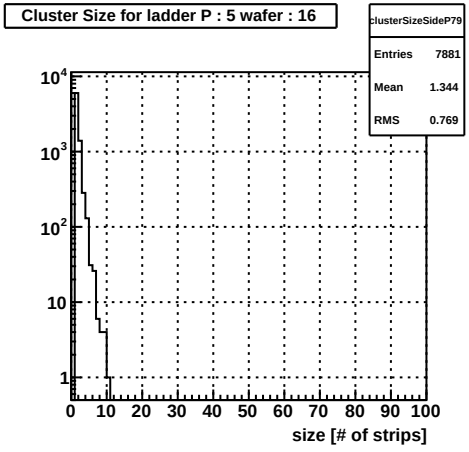

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 18981
Mean 1.332
RMS 0.6639
size [# of strips]

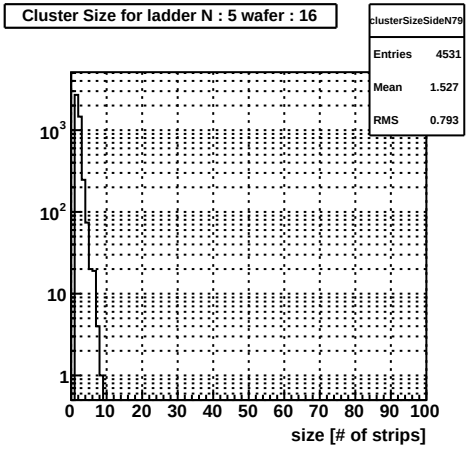

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 11079
Mean 1.503
RMS 0.7659
size [# of strips]

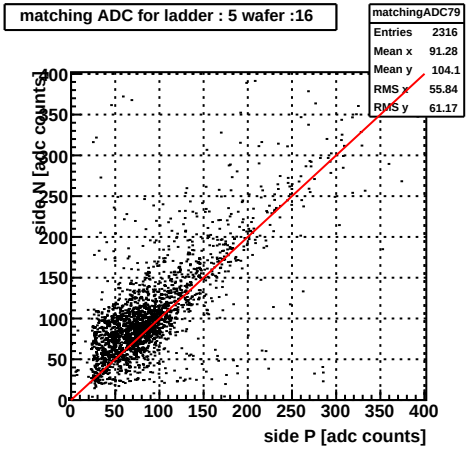

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 6799
Mean x 89.25
Mean y 96.79
RMS x 58.94
RMS y 60.17
side N [adc counts]
side P [adc counts]

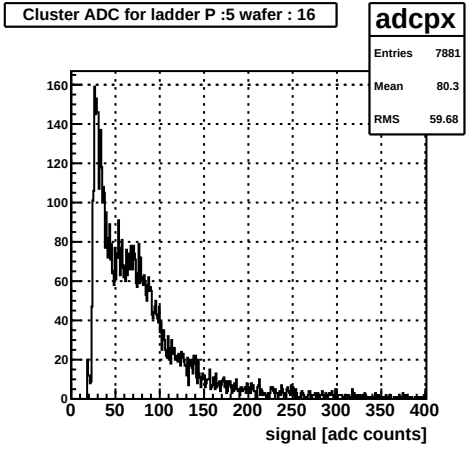

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 18981
Mean 54.07
RMS 46.84
signal [adc counts]

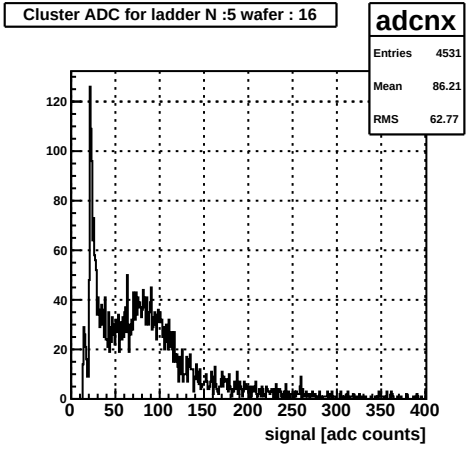

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 11079
Mean 77.72
RMS 63.2
signal [adc counts]

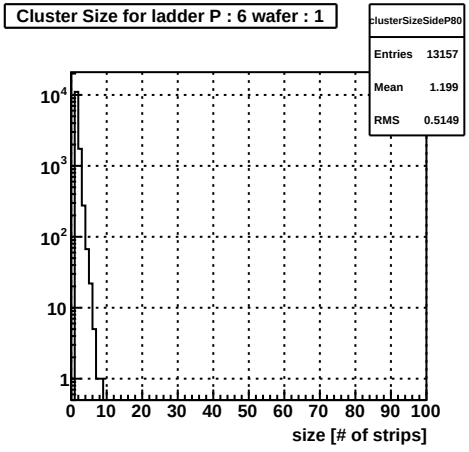

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 7881
Mean 1.344
RMS 0.769
size [# of strips]

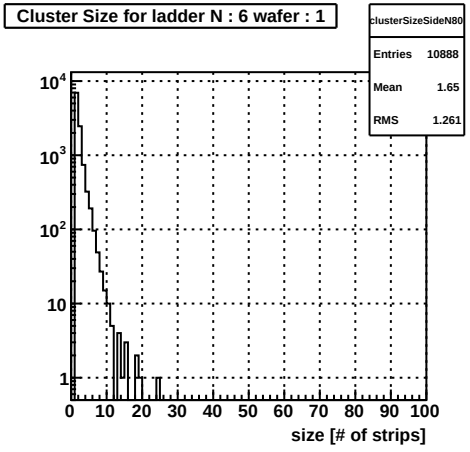

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 4531
Mean 1.527
RMS 0.793
size [# of strips]

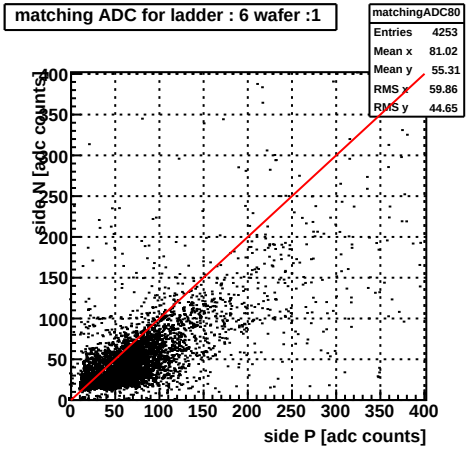

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 2316
Mean x 91.28
Mean y 104.1
RMS x 55.84
RMS y 61.17
side N [adc counts]
side P [adc counts]

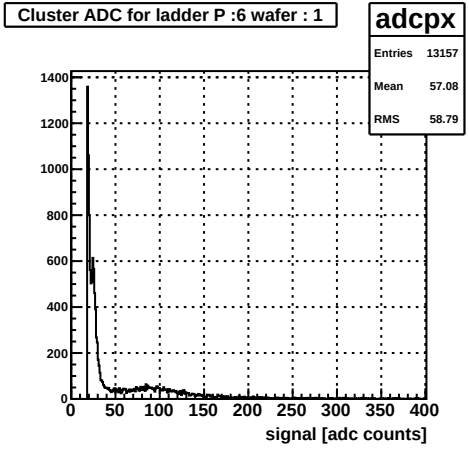

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 7881
Mean 80.3
RMS 59.68
signal [adc counts]

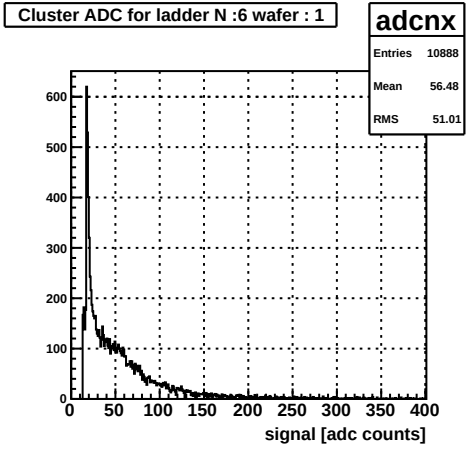

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 4531
Mean 86.21
RMS 62.77
signal [adc counts]

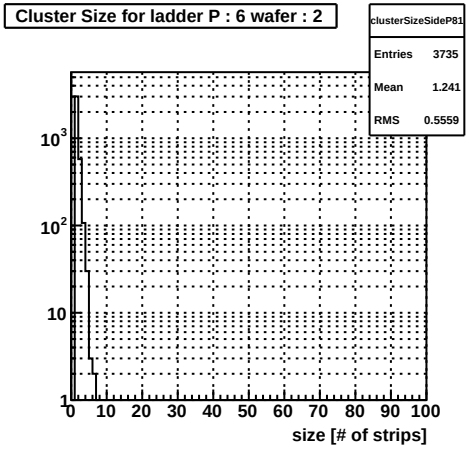

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 13157
Mean 1.199
RMS 0.5149
size [# of strips]

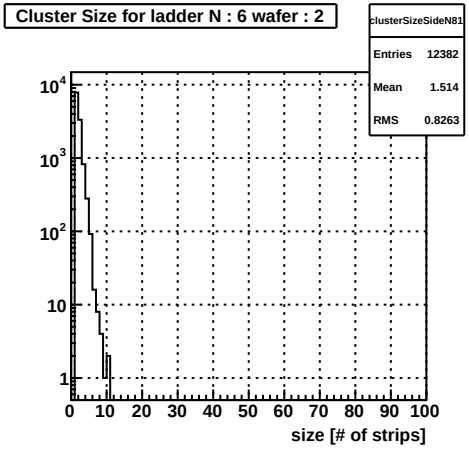

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 10888
Mean 1.65
RMS 1.261
size [# of strips]

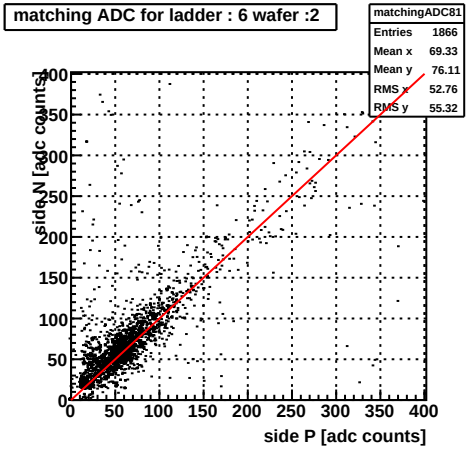

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 4253
Mean x 81.02
Mean y 55.31
RMS x 59.86
RMS y 44.65
side N [adc counts]
side P [adc counts]

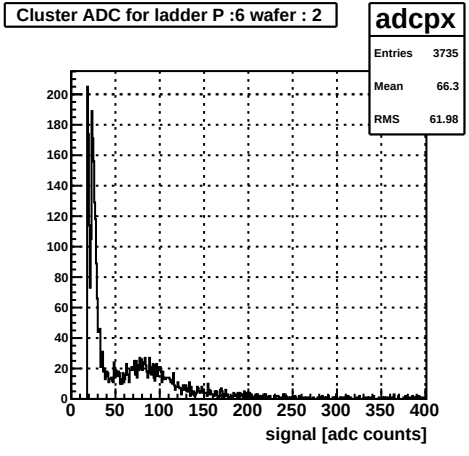

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 13157
Mean 57.08
RMS 58.79
signal [adc counts]

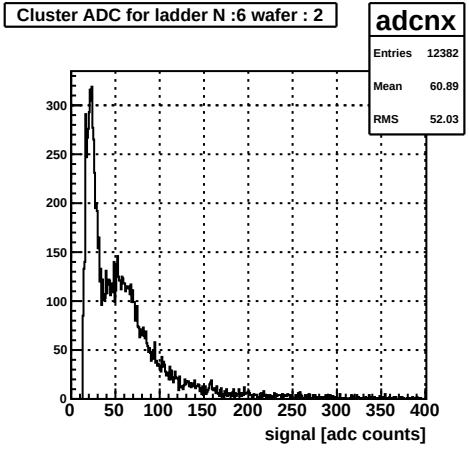

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 10888
Mean 56.48
RMS 51.01
signal [adc counts]

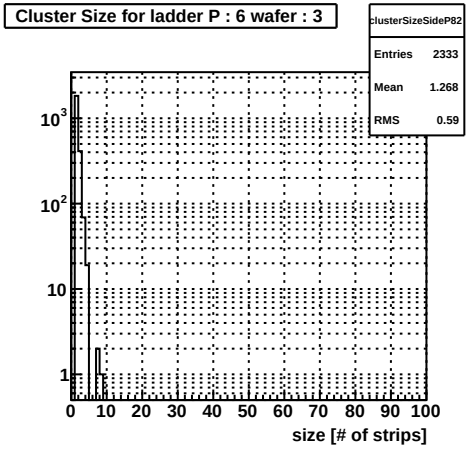

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3735
Mean 1.241
RMS 0.5559
size [# of strips]

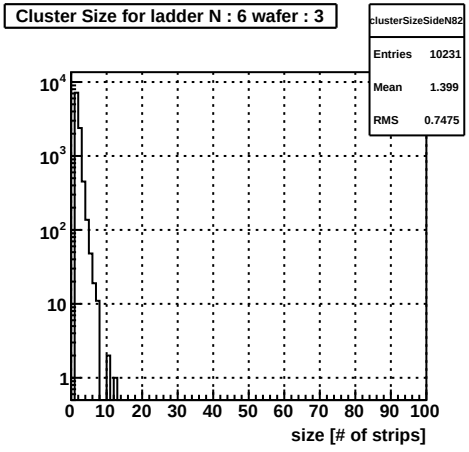

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 12382
Mean 1.514
RMS 0.8263
size [# of strips]

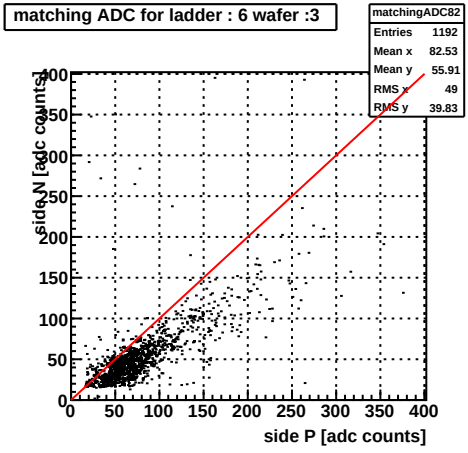

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1866
Mean x 69.33
Mean y 76.11
RMS x 52.76
RMS y 55.32
side N [adc counts]
side P [adc counts]

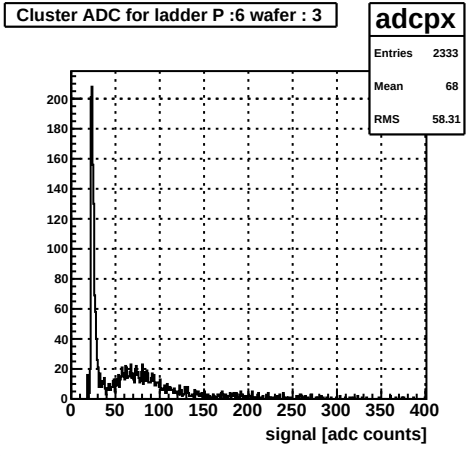

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3735
Mean 66.3
RMS 61.98
signal [adc counts]

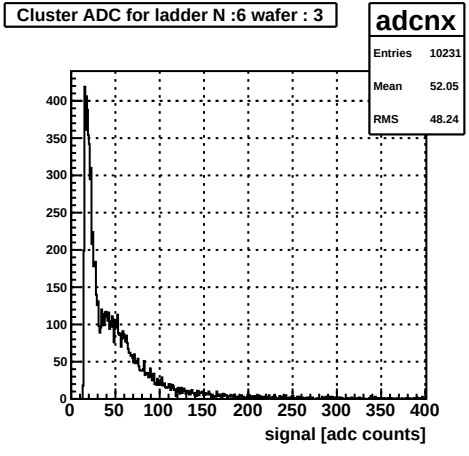

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 12382
Mean 60.89
RMS 52.03
signal [adc counts]

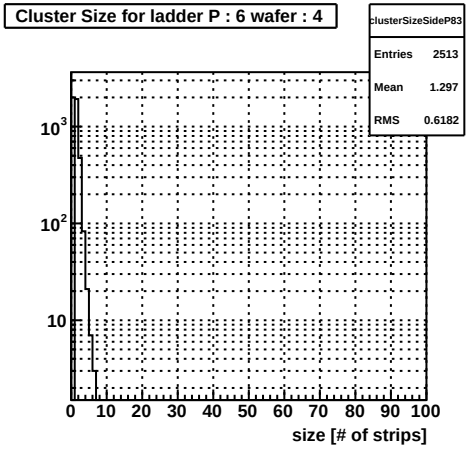

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2333
Mean 1.268
RMS 0.59
size [# of strips]

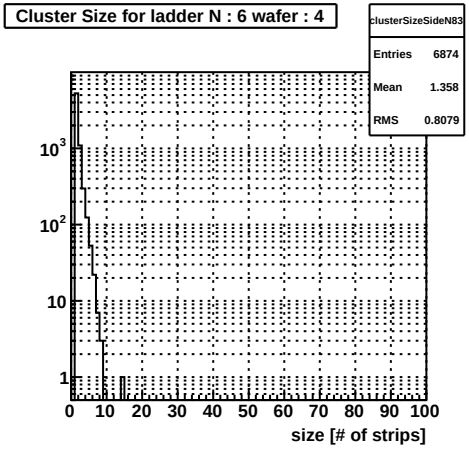

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 10231
Mean 1.399
RMS 0.7475
size [# of strips]

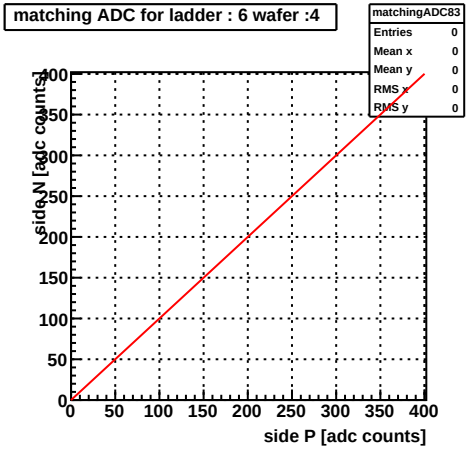

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1192
Mean x 82.53
Mean y 55.91
RMS x 49
RMS y 39.83
side N [adc counts]
side P [adc counts]

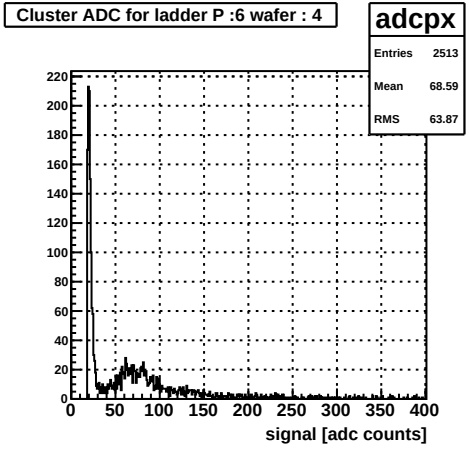

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2333
Mean 68
RMS 58.31
signal [adc counts]

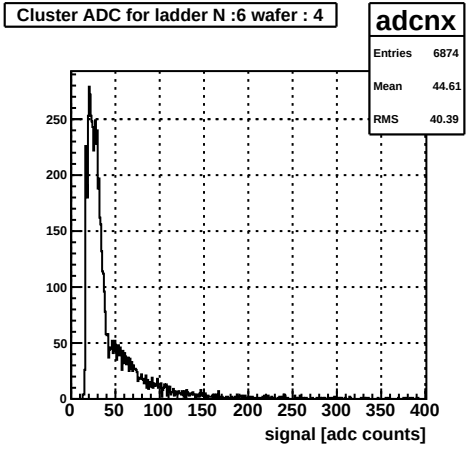

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 10231
Mean 52.05
RMS 48.24
signal [adc counts]

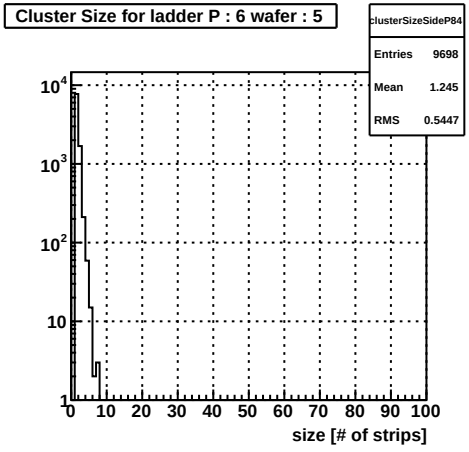

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 2513
Mean 1.297
RMS 0.6182
size [# of strips]

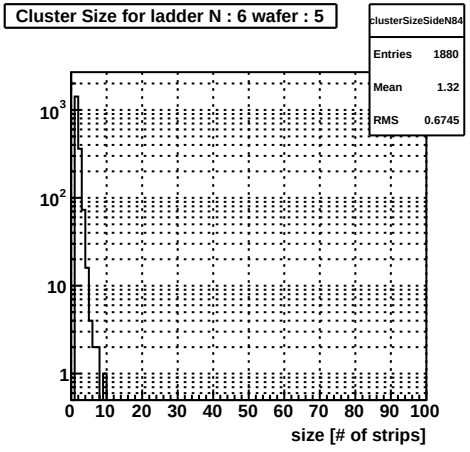

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 6874
Mean 1.358
RMS 0.8079
size [# of strips]

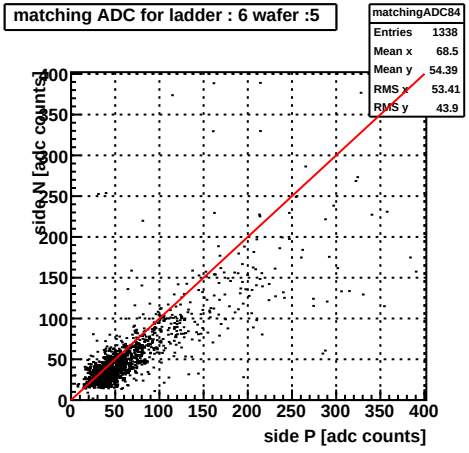

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

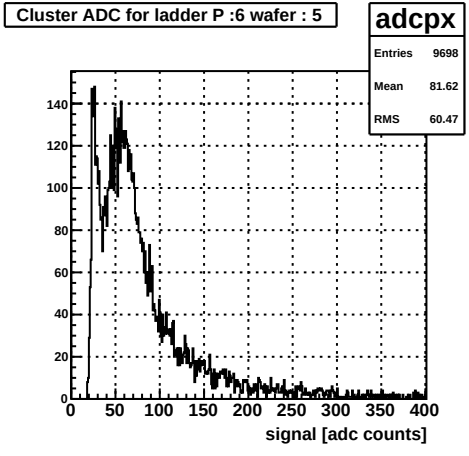

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 2513
Mean 68.59
RMS 63.87
signal [adc counts]

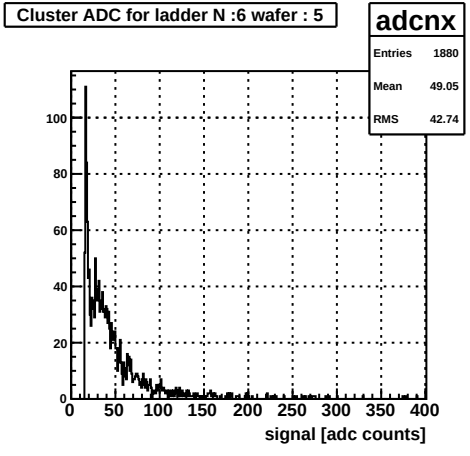

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 6874
Mean 44.61
RMS 40.39
signal [adc counts]

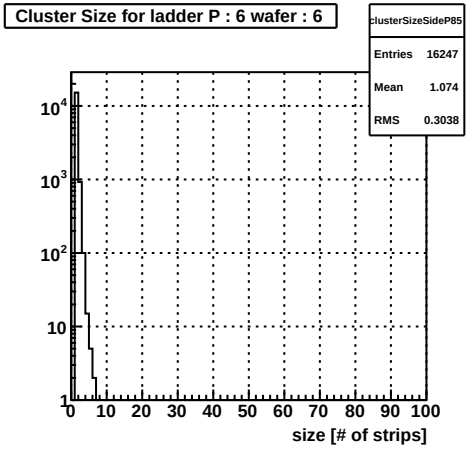

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 9698
Mean 1.245
RMS 0.5447
size [# of strips]

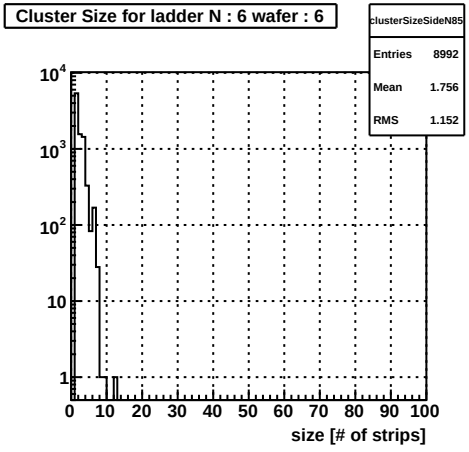

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1880
Mean 1.32
RMS 0.6745
size [# of strips]

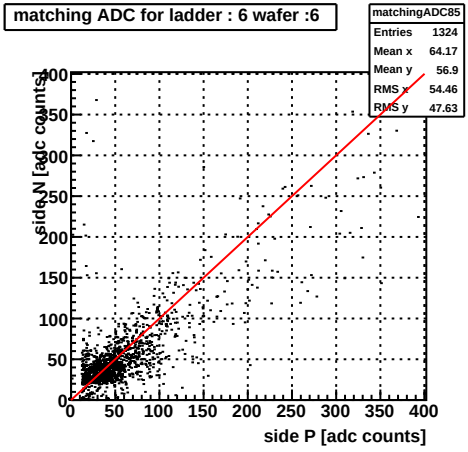

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1338
Mean x 68.5
Mean y 54.39
RMS x 53.41
RMS y 43.9
side N [adc counts]
side P [adc counts]

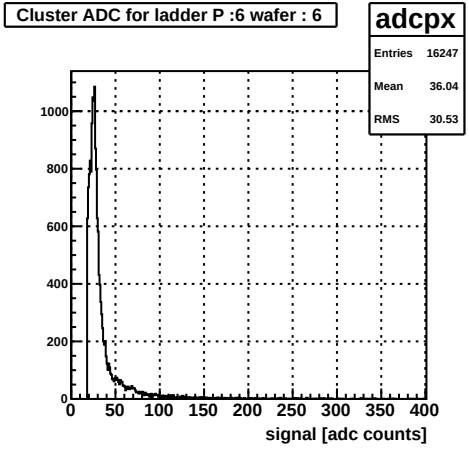

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 9698
Mean 81.62
RMS 60.47
signal [adc counts]

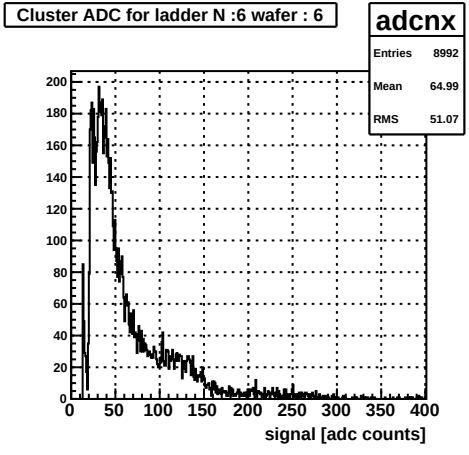

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1880
Mean 49.05
RMS 42.74
signal [adc counts]

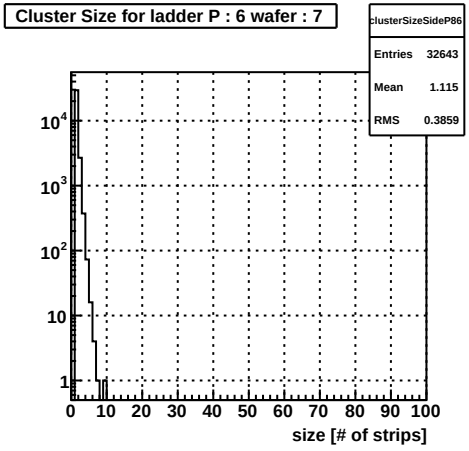

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 16247
Mean 1.074
RMS 0.3038
size [# of strips]

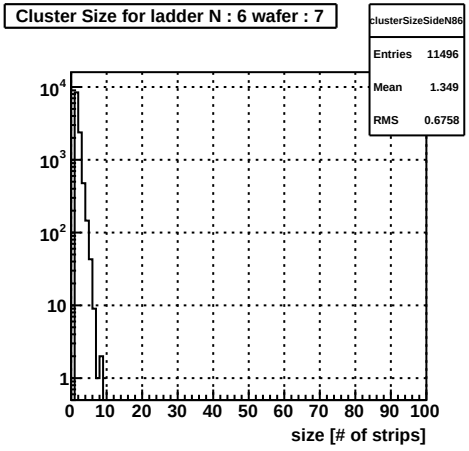

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 8992
Mean 1.756
RMS 1.152
size [# of strips]

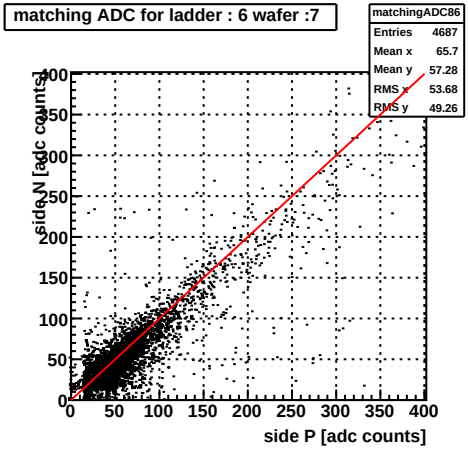

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1324
Mean x 64.17
Mean y 56.9
RMS x 54.46
RMS y 47.63
side N [adc counts]
side P [adc counts]

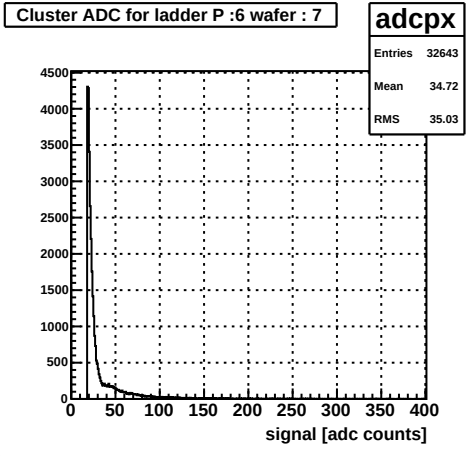

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 16247
Mean 36.04
RMS 30.53
signal [adc counts]

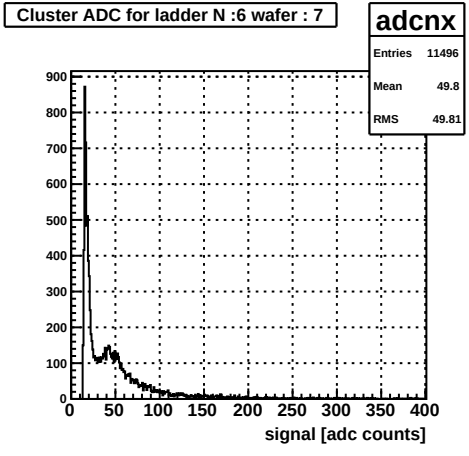

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 8992
Mean 64.99
RMS 51.07
signal [adc counts]

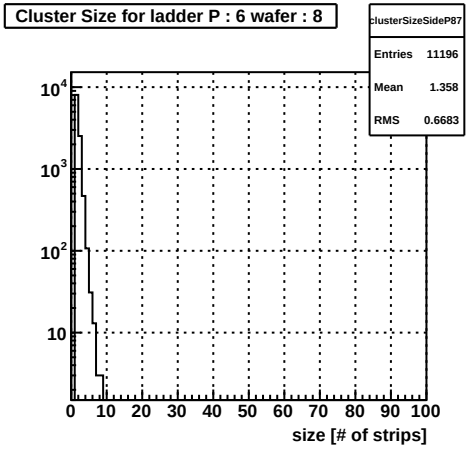

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 32643
Mean 1.115
RMS 0.3859
size [# of strips]

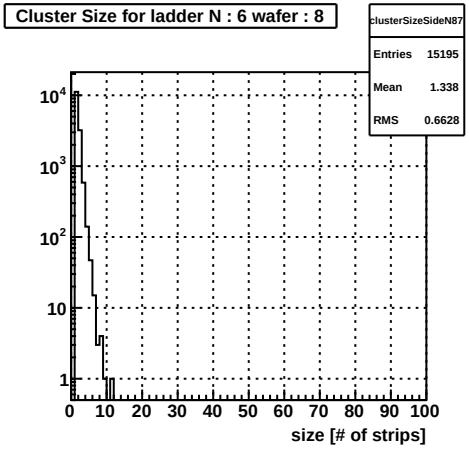

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 11496
Mean 1.349
RMS 0.6758
size [# of strips]

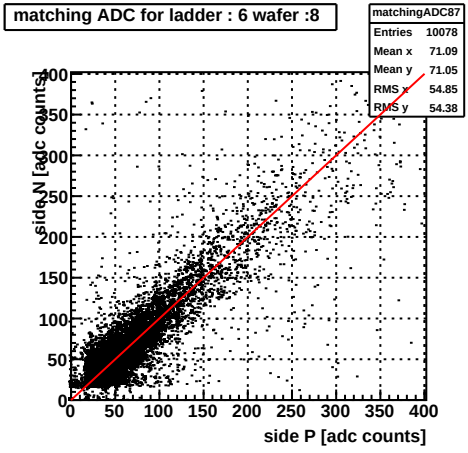

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 4687
Mean x 65.7
Mean y 57.28
RMS x 53.68
RMS y 49.26
side N [adc counts]
side P [adc counts]

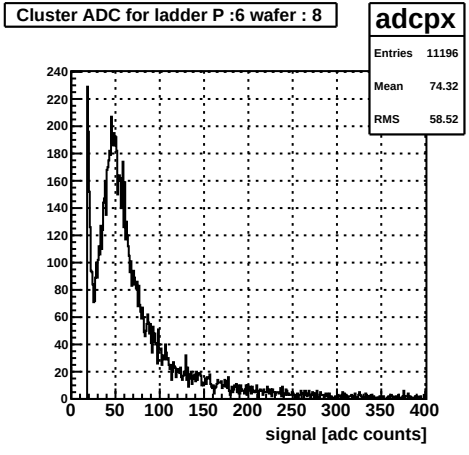

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 32643
Mean 34.72
RMS 35.03
signal [adc counts]

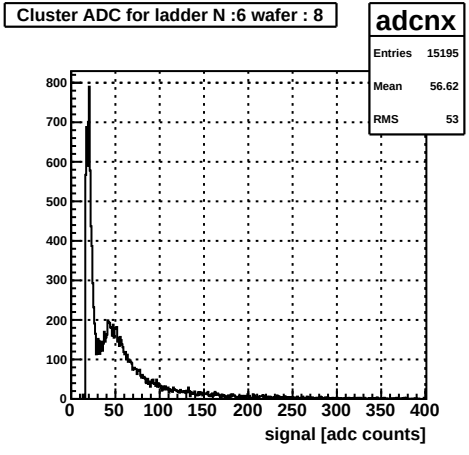

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 11496
Mean 49.8
RMS 49.81
signal [adc counts]

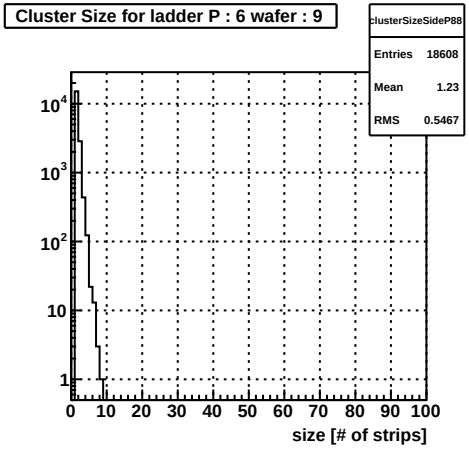

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 11196
Mean 1.358
RMS 0.6683
size [# of strips]

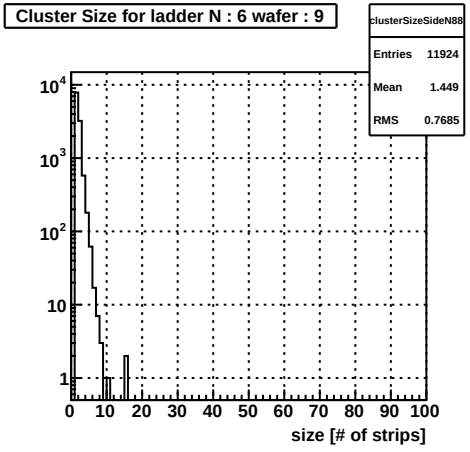

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 15195
Mean 1.338
RMS 0.6628
size [# of strips]

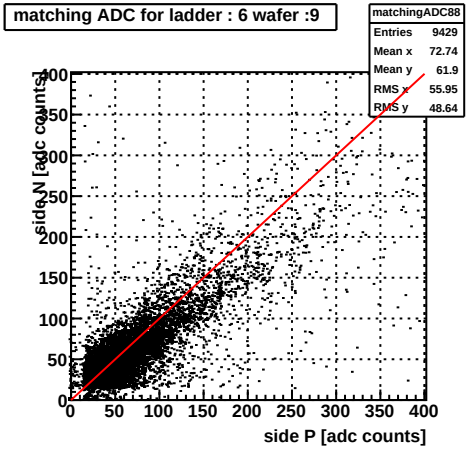

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 10078
Mean x 71.09
Mean y 71.05
RMS x 54.85
RMS y 54.38
side N [adc counts]
side P [adc counts]

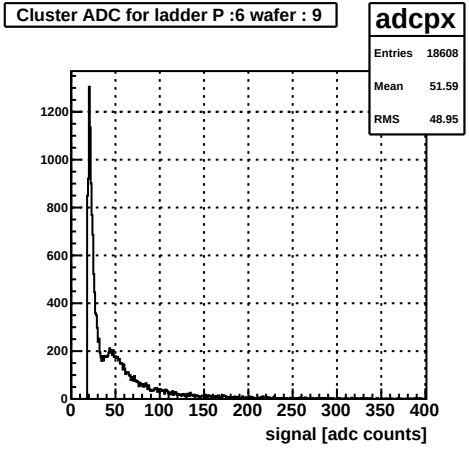

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 11196
Mean 74.32
RMS 58.52
signal [adc counts]

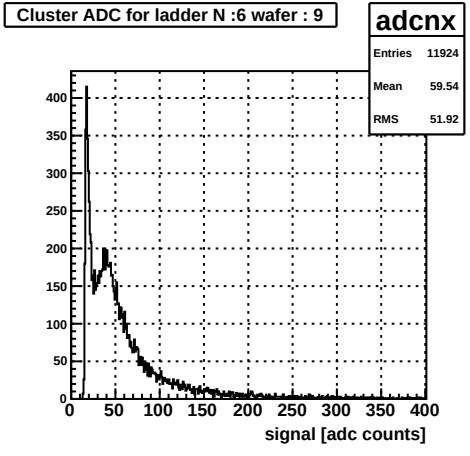

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 15195
Mean 56.62
RMS 53
signal [adc counts]

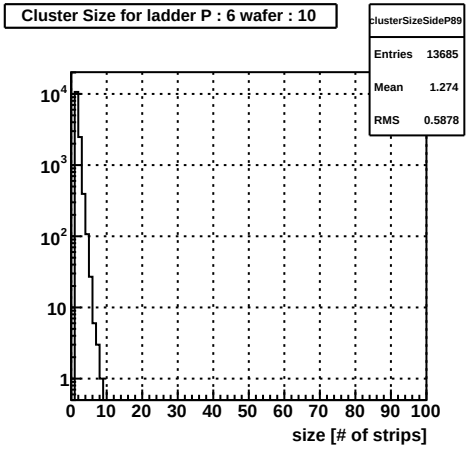

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 18608
Mean 1.23
RMS 0.5467
size [# of strips]

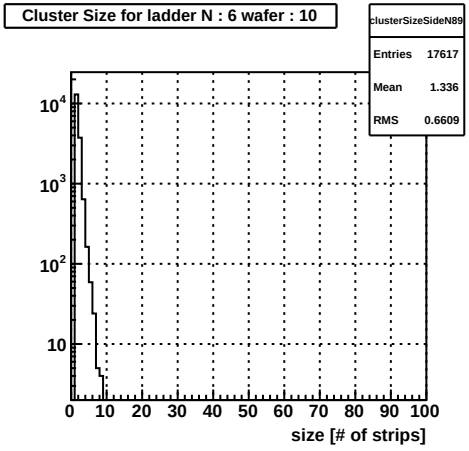

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 11924
Mean 1.449
RMS 0.7685
size [# of strips]

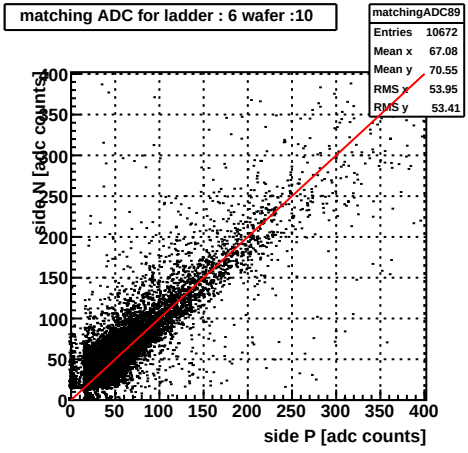

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 9429
Mean x 72.74
Mean y 61.9
RMS x 55.95
RMS y 48.64
side N [adc counts]
side P [adc counts]

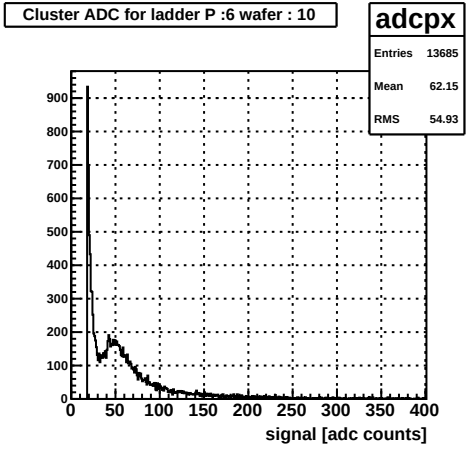

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 18608
Mean 51.59
RMS 48.95
signal [adc counts]

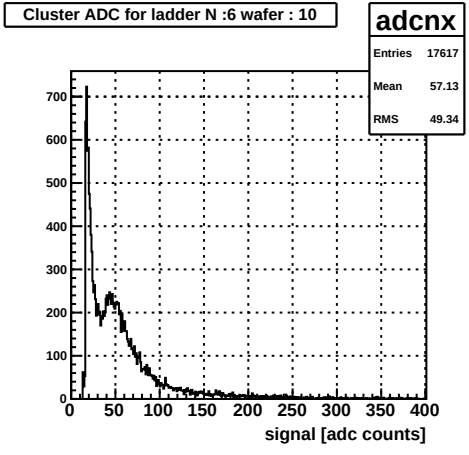

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 11924
Mean 59.54
RMS 51.92
signal [adc counts]

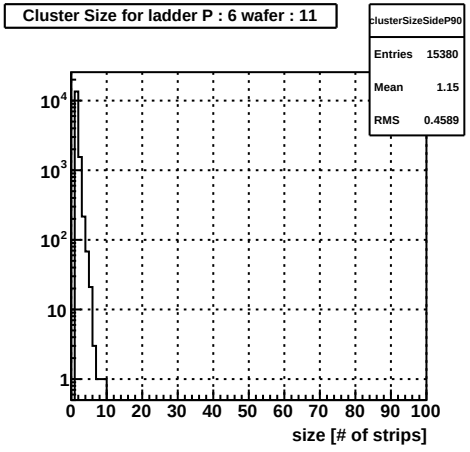

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 13685
Mean 1.274
RMS 0.5878
size [# of strips]

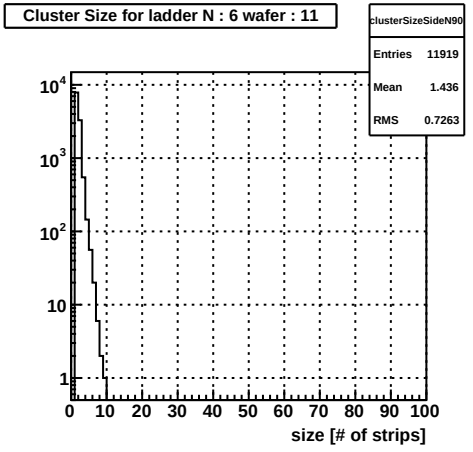

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 17617
Mean 1.336
RMS 0.6609
size [# of strips]

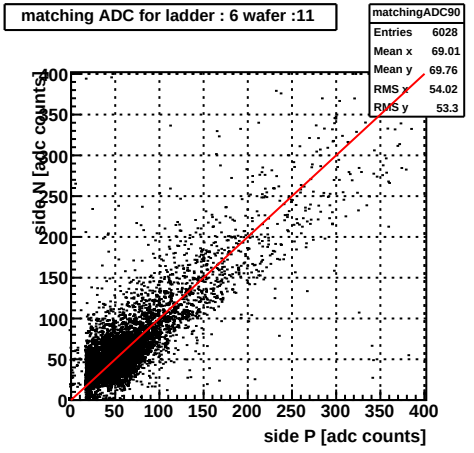

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 10672
Mean x 67.08
Mean y 70.55
RMS x 53.95
RMS y 53.41
side N [adc counts]
side P [adc counts]

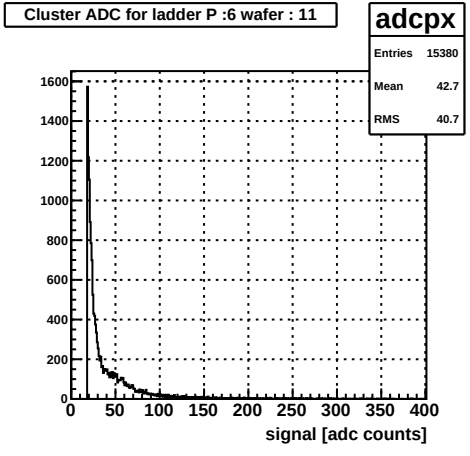

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 13685
Mean 62.15
RMS 54.93
signal [adc counts]

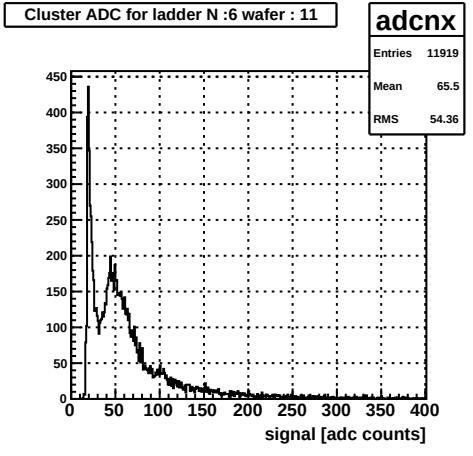

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 17617
Mean 57.13
RMS 49.34
signal [adc counts]

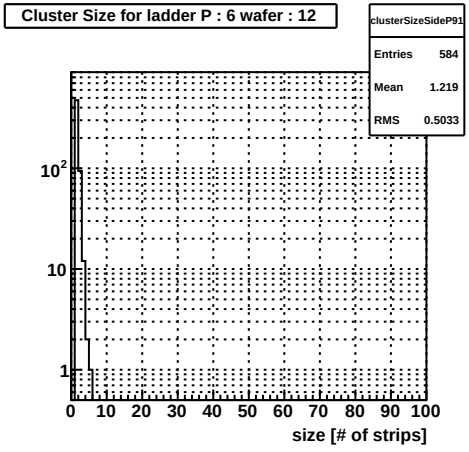

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 15380
Mean 1.15
RMS 0.4589
size [# of strips]

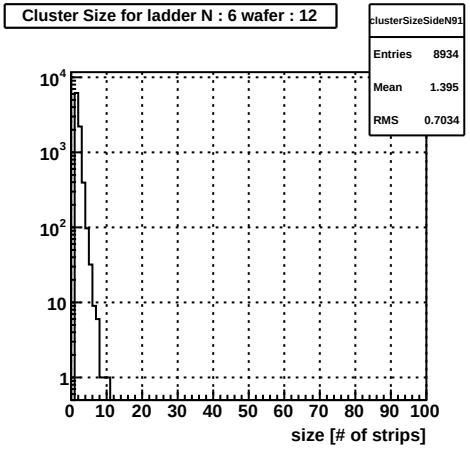

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 11919
Mean 1.436
RMS 0.7263
size [# of strips]

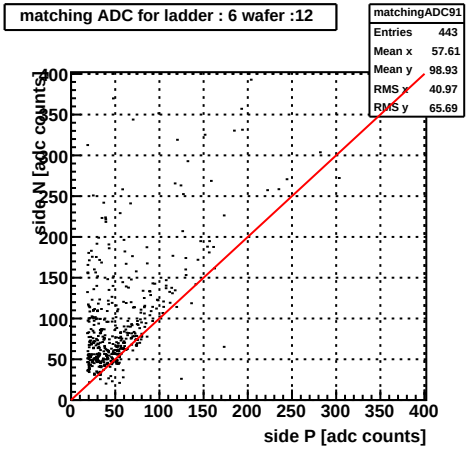

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 6028
Mean x 69.01
Mean y 69.76
RMS x 54.02
RMS y 53.3
side N [adc counts]
side P [adc counts]

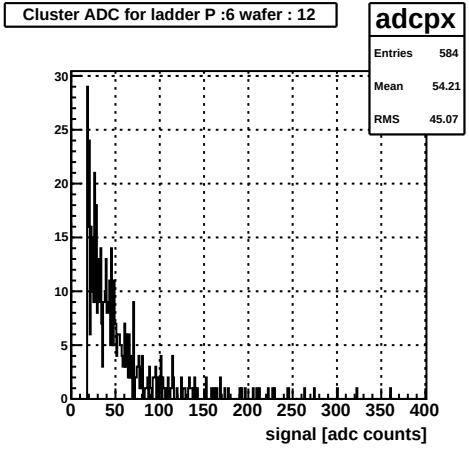

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 15380
Mean 42.7
RMS 40.7
signal [adc counts]

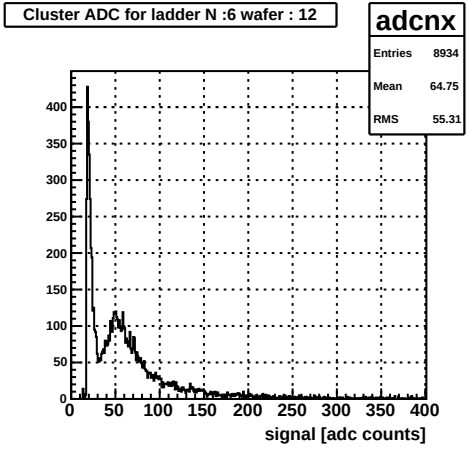

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 11919
Mean 65.5
RMS 54.36
signal [adc counts]

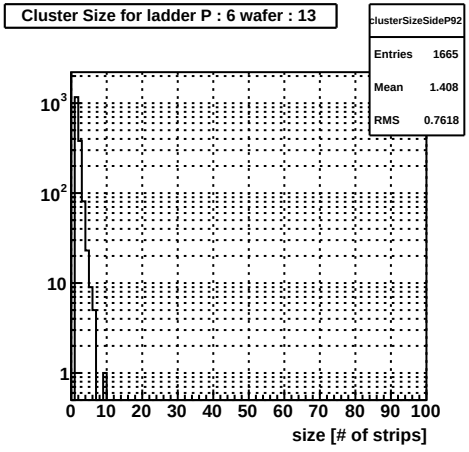

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 584
Mean 1.219
RMS 0.5033
size [# of strips]

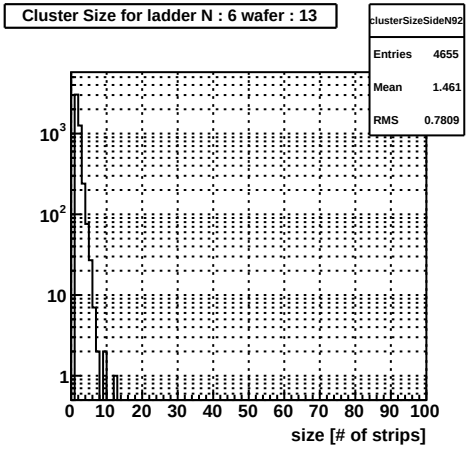

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 8934
Mean 1.395
RMS 0.7034
size [# of strips]

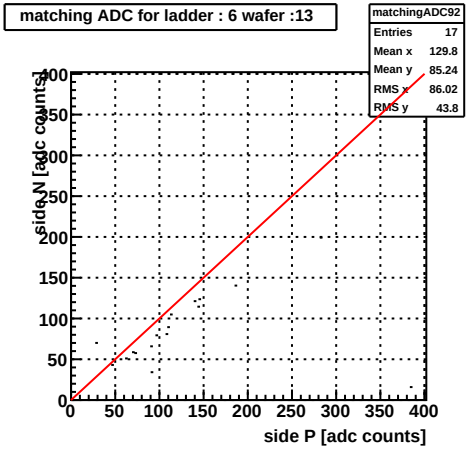

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 443
Mean x 57.61
Mean y 98.93
RMS x 40.97
RMS y 65.69
side N [adc counts]
side P [adc counts]

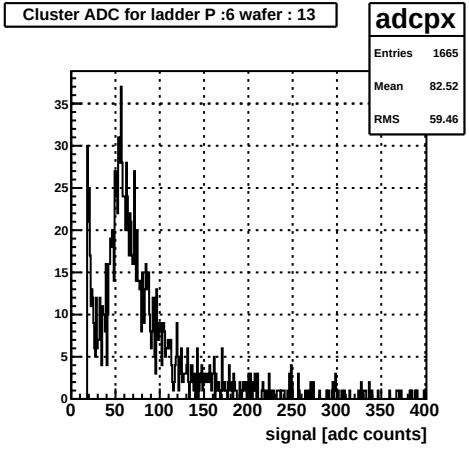

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 584
Mean 54.21
RMS 45.07
signal [adc counts]

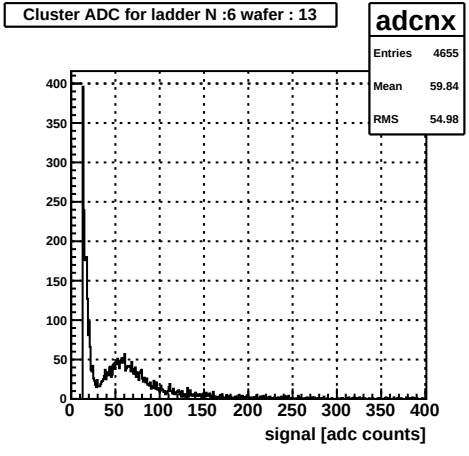

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 8934
Mean 64.75
RMS 55.31
signal [adc counts]

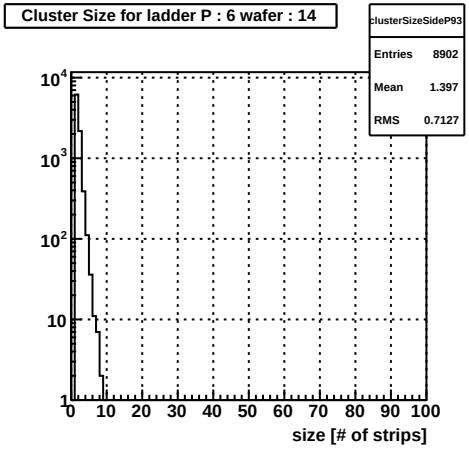

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1665
Mean 1.408
RMS 0.7618
size [# of strips]

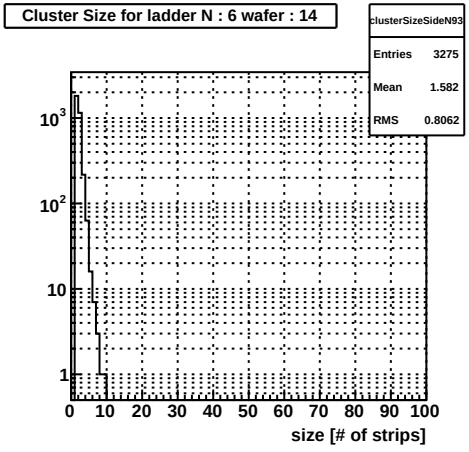

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 4655
Mean 1.461
RMS 0.7809
size [# of strips]

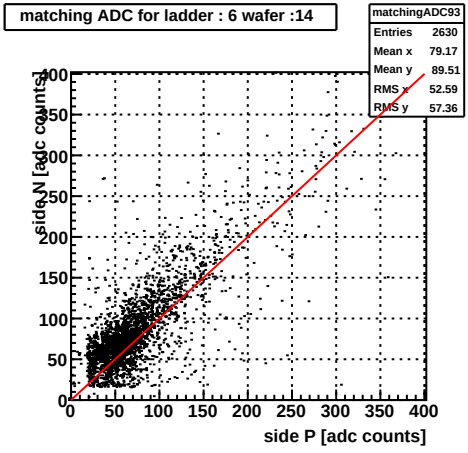

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 17
Mean x 129.8
Mean y 85.24
RMS x 86.02
RMS y 43.8
side N [adc counts]
side P [adc counts]

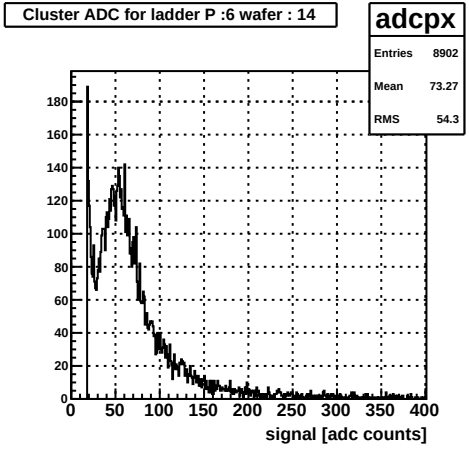

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1665
Mean 82.52
RMS 59.46
signal [adc counts]

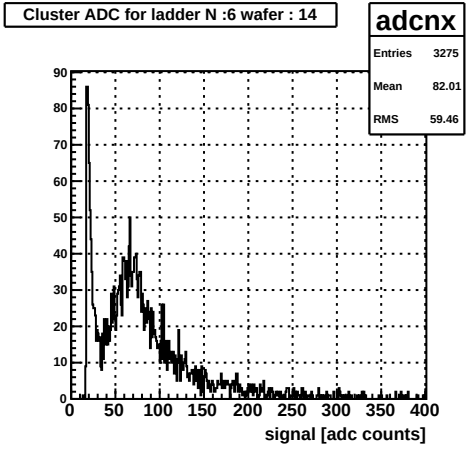

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 4655
Mean 59.84
RMS 54.98
signal [adc counts]

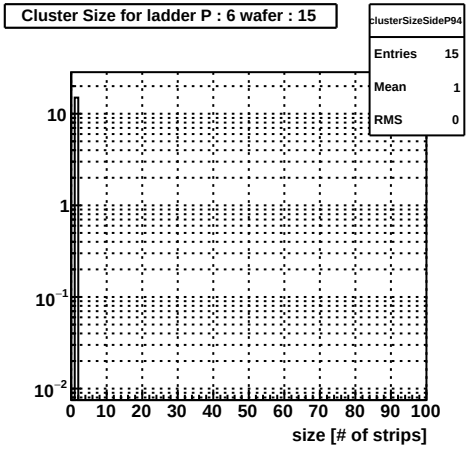

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 8902
Mean 1.397
RMS 0.7127
size [# of strips]

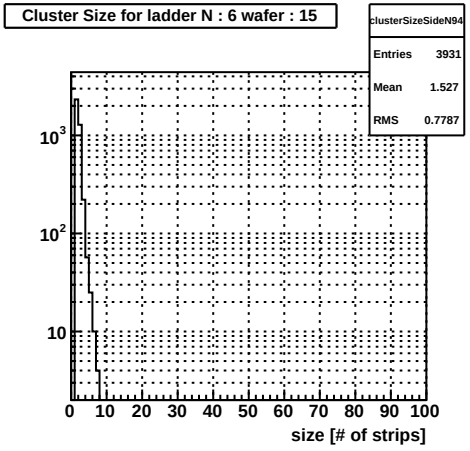

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 3275
Mean 1.582
RMS 0.8062
size [# of strips]

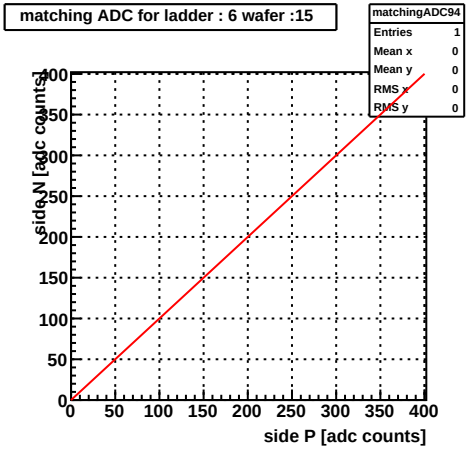

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 2630
Mean x 79.17
Mean y 89.51
RMS x 52.59
RMS y 57.36
side N [adc counts]
side P [adc counts]

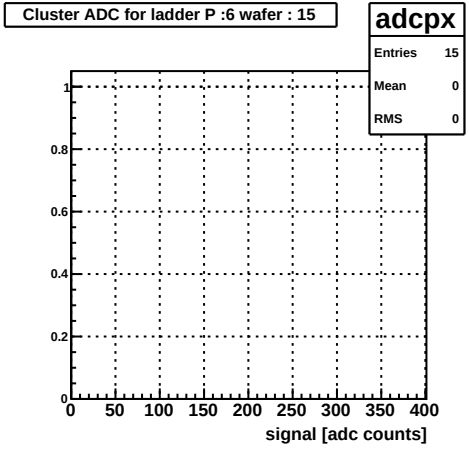

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 8902
Mean 73.27
RMS 54.3
signal [adc counts]

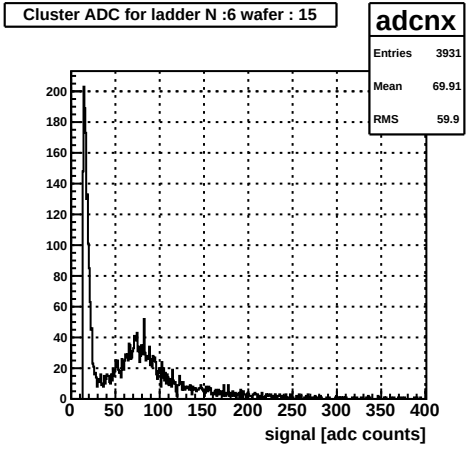

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 3275
Mean 82.01
RMS 59.46
signal [adc counts]

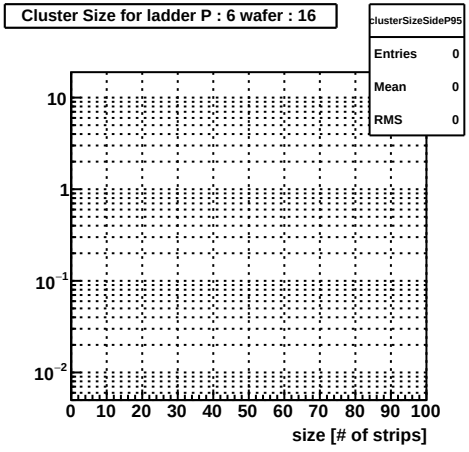

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 15
Mean 1
RMS 0
size [# of strips]

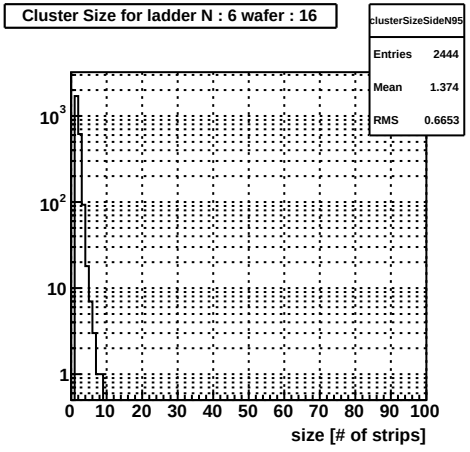

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3931
Mean 1.527
RMS 0.7787
size [# of strips]

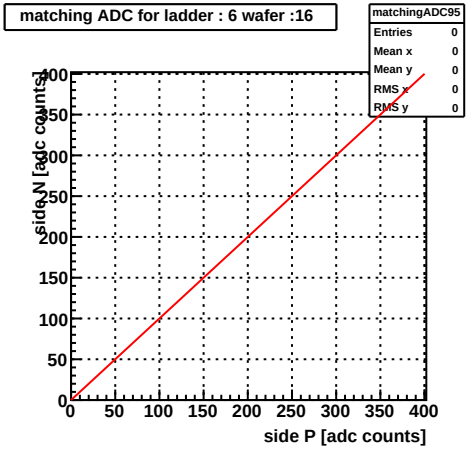

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

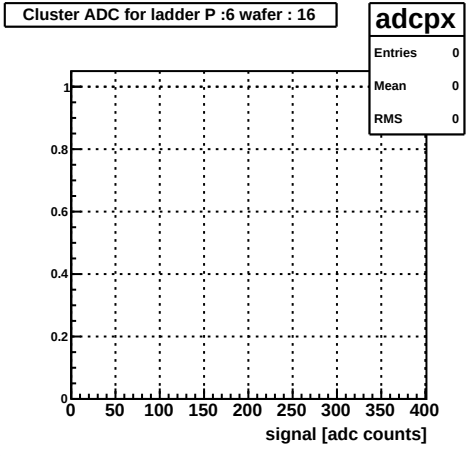

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 15
Mean 0
RMS 0
signal [adc counts]

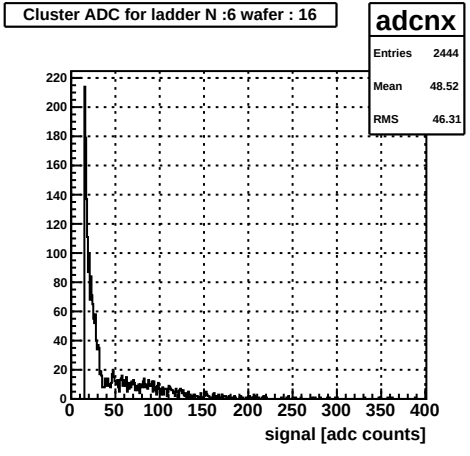

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3931
Mean 69.91
RMS 59.9
signal [adc counts]

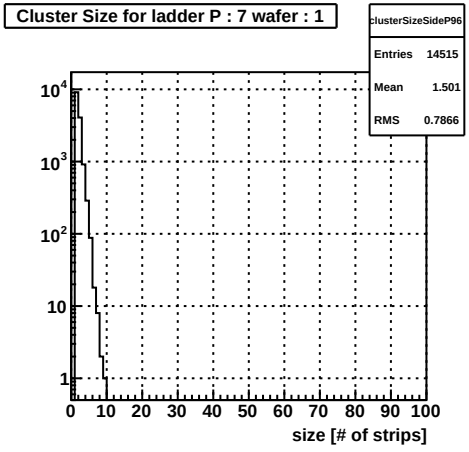

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

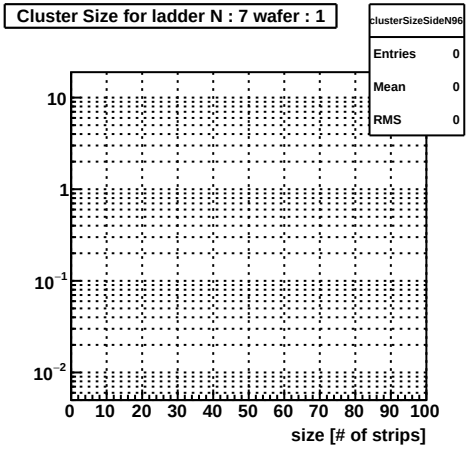

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2444
Mean 1.374
RMS 0.6653
size [# of strips]

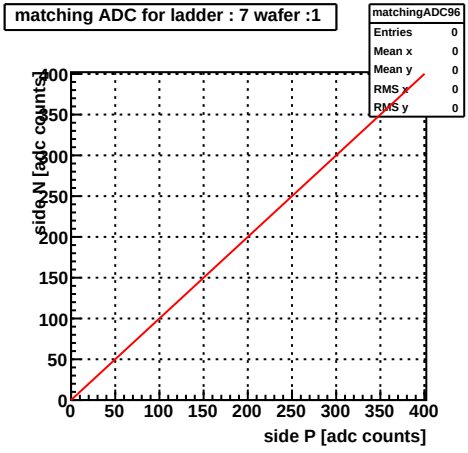

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

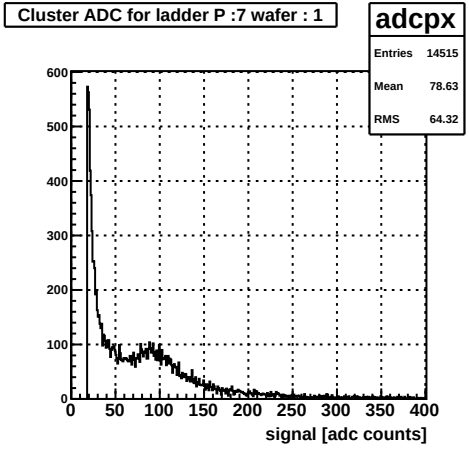

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

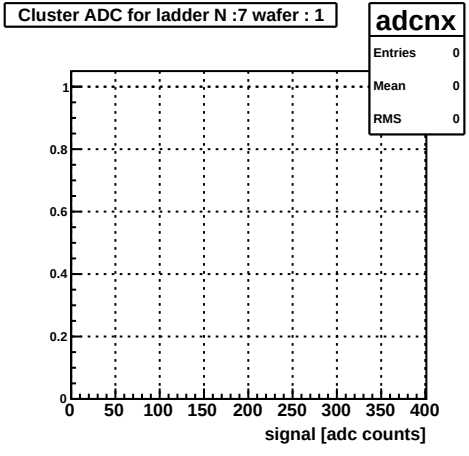

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2444
Mean 48.52
RMS 46.31
signal [adc counts]

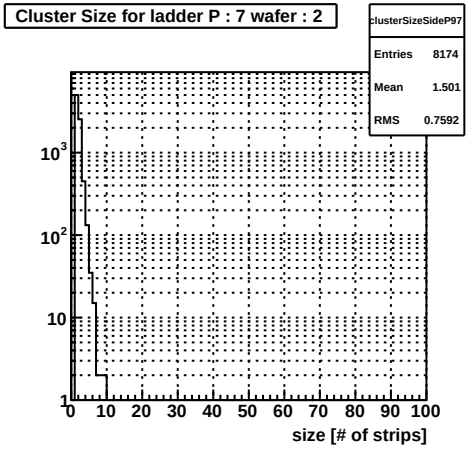

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 14515
Mean 1.501
RMS 0.7866
size [# of strips]

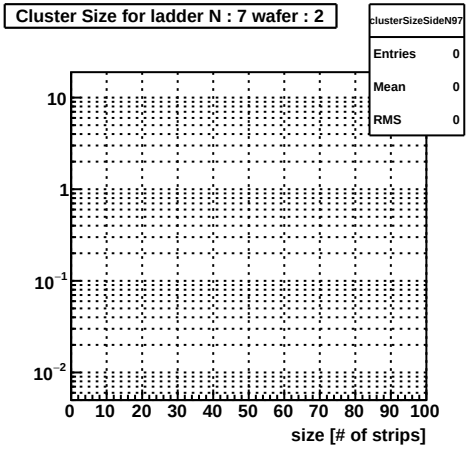

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

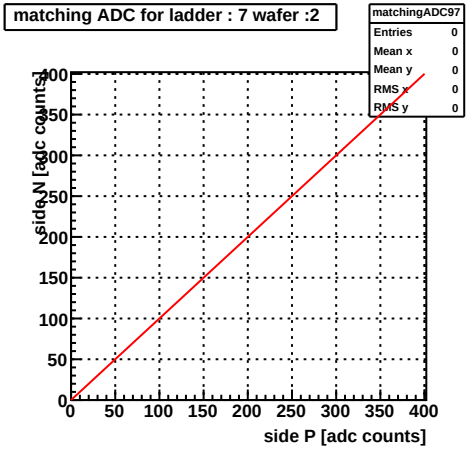

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

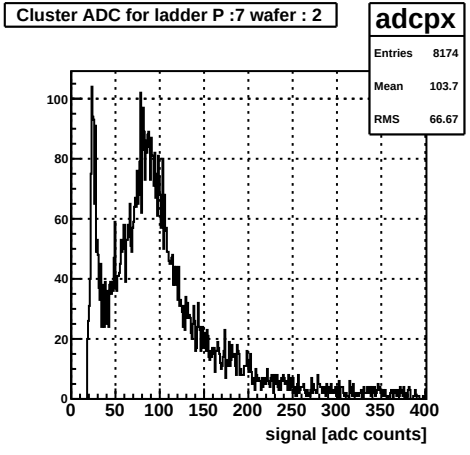

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 14515
Mean 78.63
RMS 64.32
signal [adc counts]

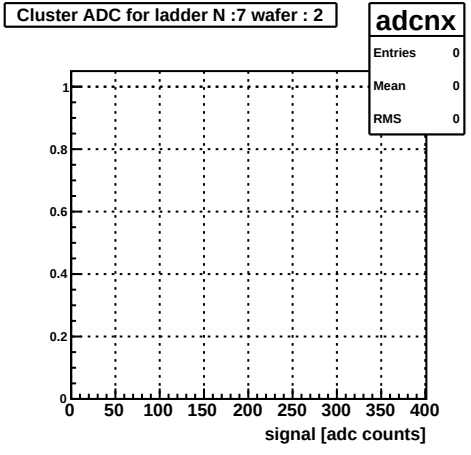

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

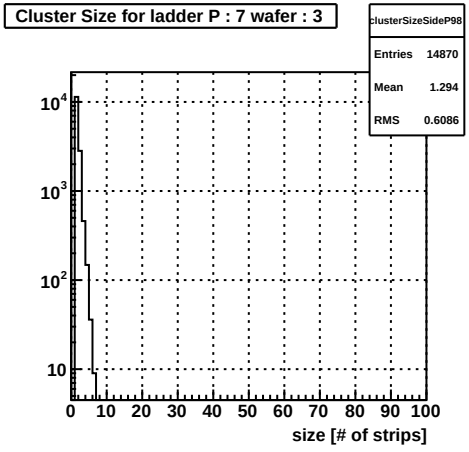

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 8174
Mean 1.501
RMS 0.7592
size [# of strips]

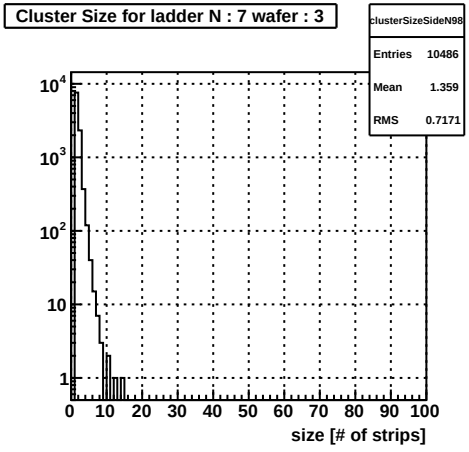

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

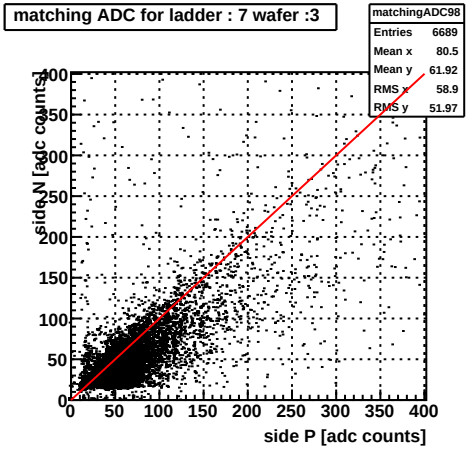

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

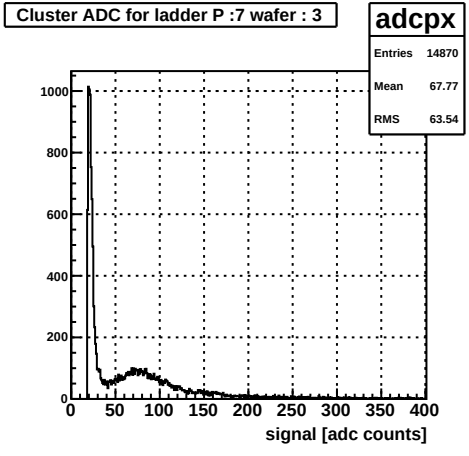

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 8174
Mean 103.7
RMS 66.67
signal [adc counts]

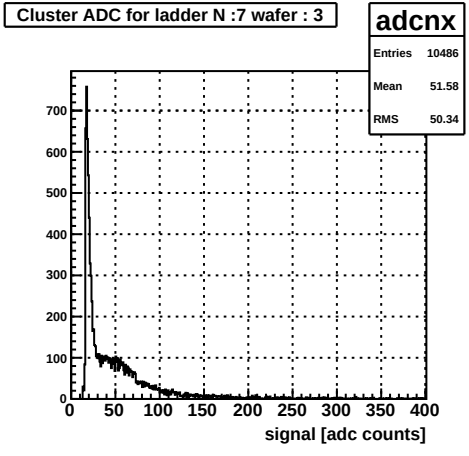

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

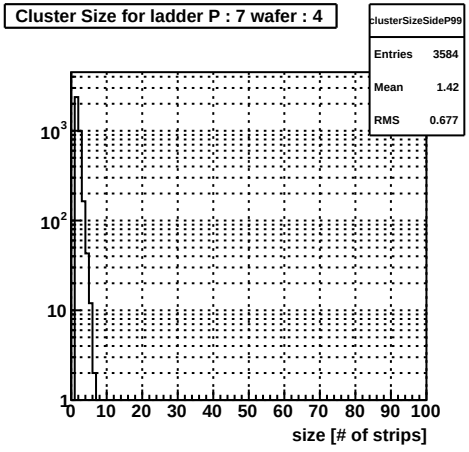

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 14870
Mean 1.294
RMS 0.6086
size [# of strips]

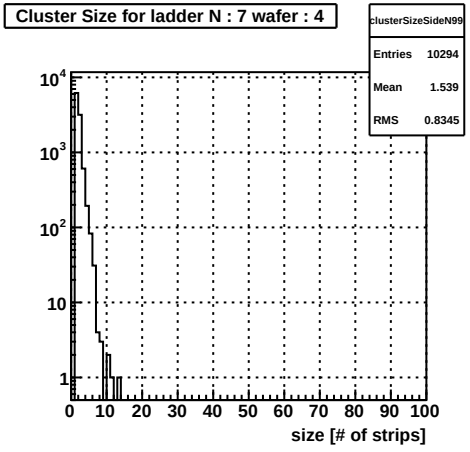

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 10486
Mean 1.359
RMS 0.7171
size [# of strips]

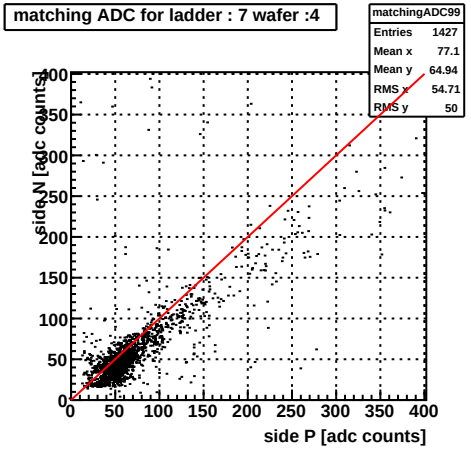

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 6689
Mean x 80.5
Mean y 61.92
RMS x 58.9
RMS y 51.97
side N [adc counts]
side P [adc counts]

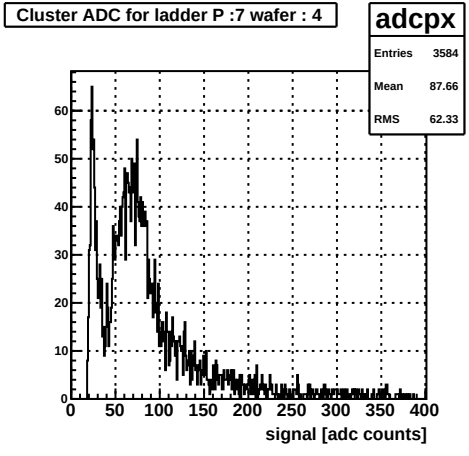

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 14870
Mean 67.77
RMS 63.54
signal [adc counts]

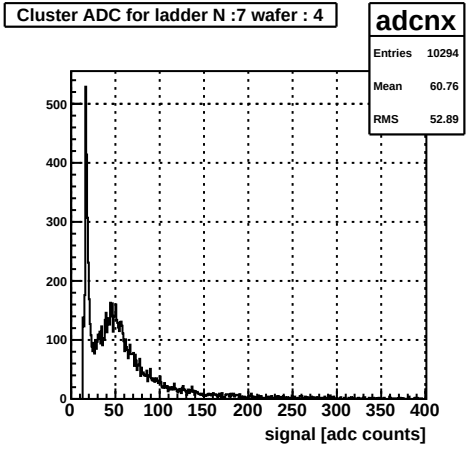

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 10486
Mean 51.58
RMS 50.34
signal [adc counts]

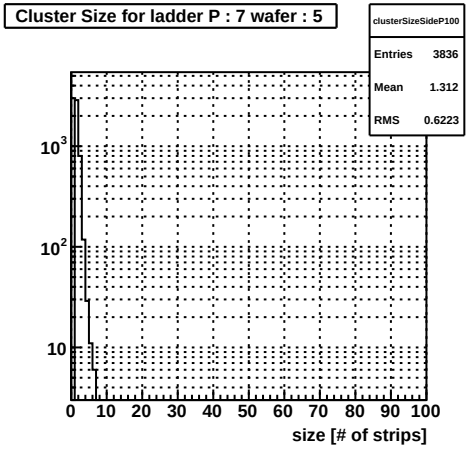

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3584
Mean 1.42
RMS 0.677
size [# of strips]

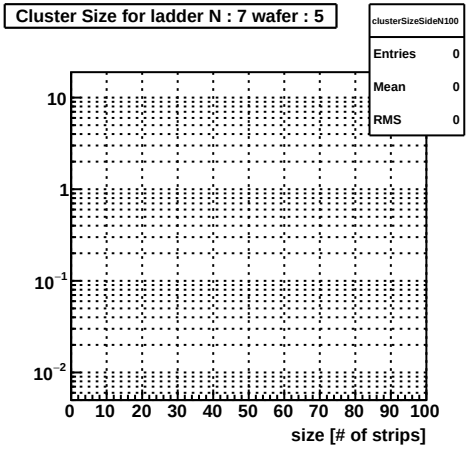

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 10294
Mean 1.539
RMS 0.8345
size [# of strips]

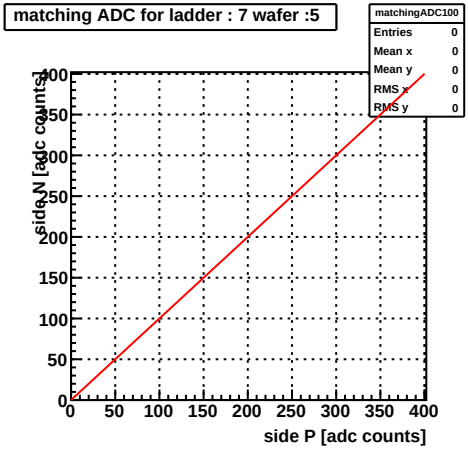

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1427
Mean x 77.1
Mean y 64.94
RMS x 54.71
RMS y 50
side N [adc counts]
side P [adc counts]

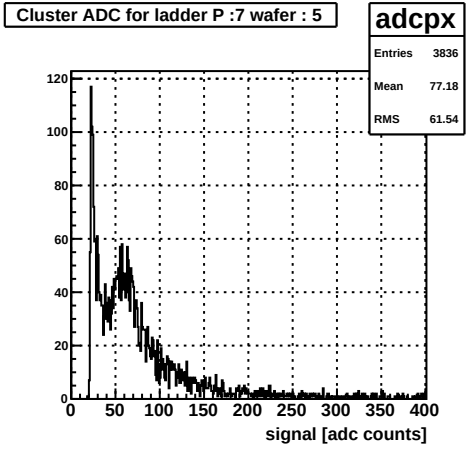

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3584
Mean 87.66
RMS 62.33
signal [adc counts]

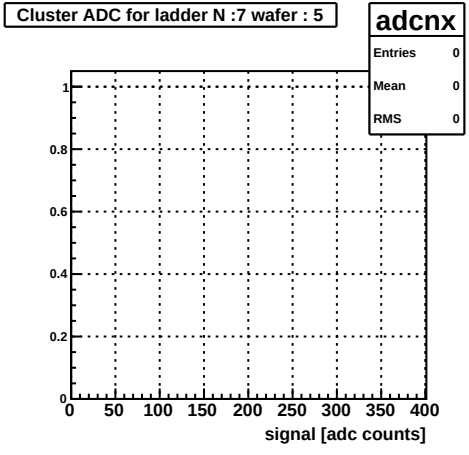

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 10294
Mean 60.76
RMS 52.89
signal [adc counts]

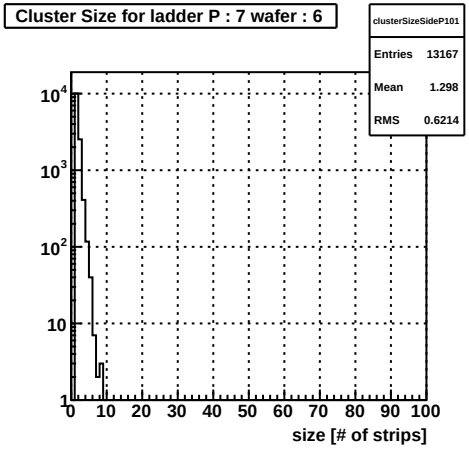

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 3836
Mean 1.312
RMS 0.6223
size [# of strips]

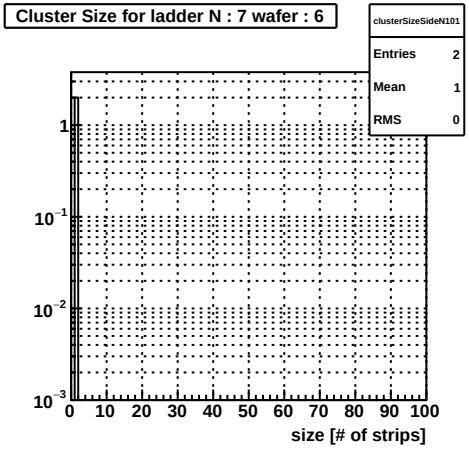

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

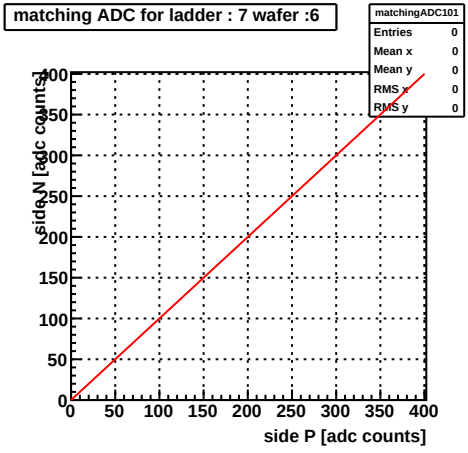

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

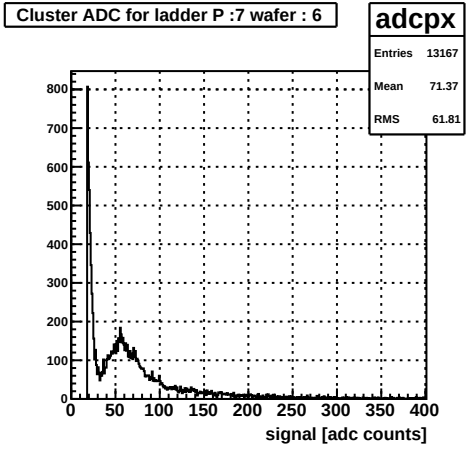

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 3836
Mean 77.18
RMS 61.54
signal [adc counts]

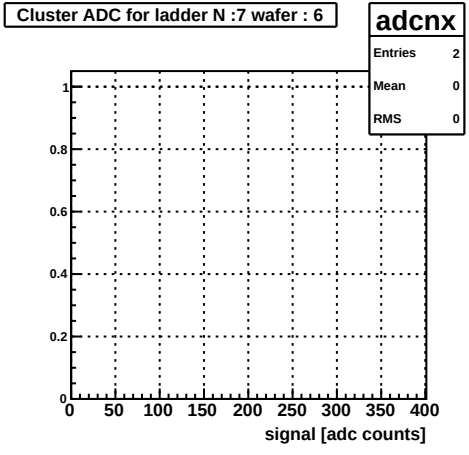

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

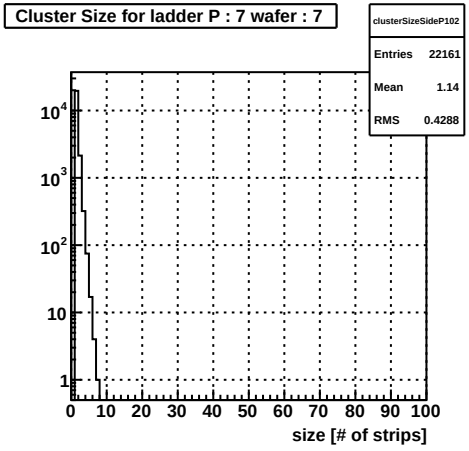

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 13167
Mean 1.298
RMS 0.6214
size [# of strips]

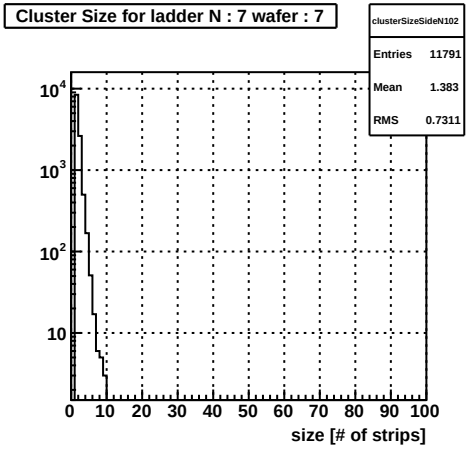

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 2
Mean 1
RMS 0
size [# of strips]

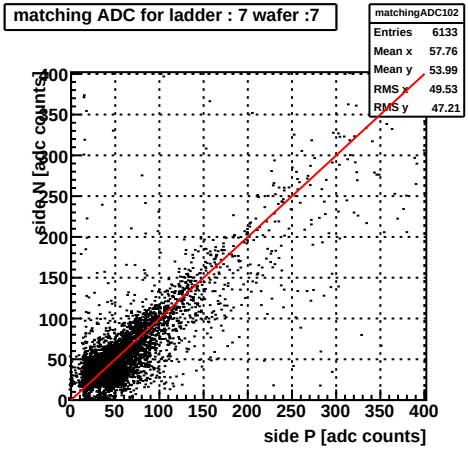

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

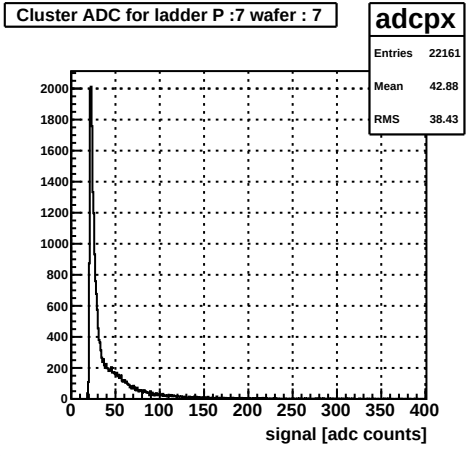

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 13167
Mean 71.37
RMS 61.81
signal [adc counts]

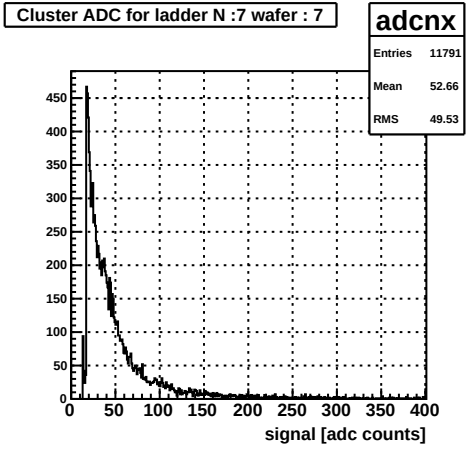

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

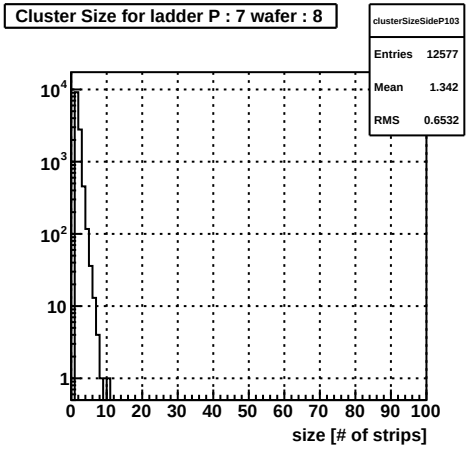

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 22161
Mean 1.14
RMS 0.4288
size [# of strips]

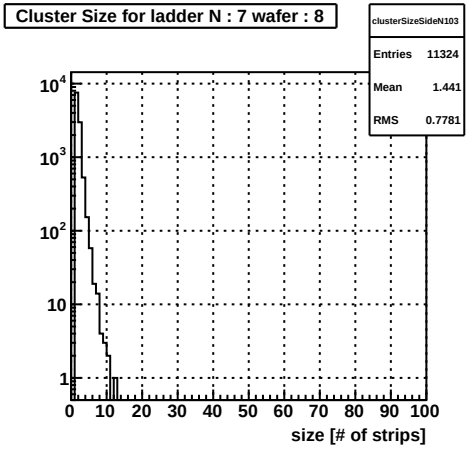

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 11791
Mean 1.383
RMS 0.7311
size [# of strips]

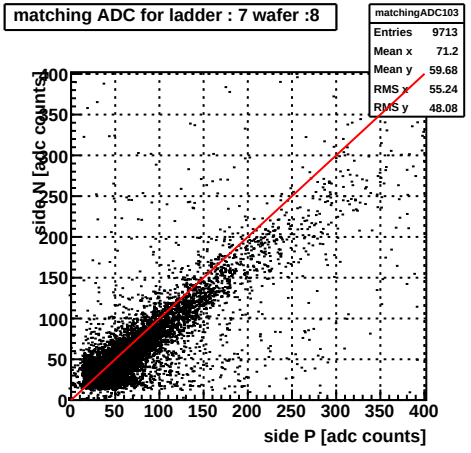

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 6133
Mean x 57.76
Mean y 53.99
RMS x 49.53
RMS y 47.21
side N [adc counts]
side P [adc counts]

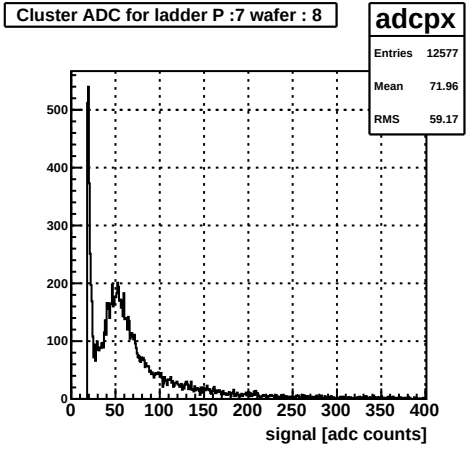

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 22161
Mean 42.88
RMS 38.43
signal [adc counts]

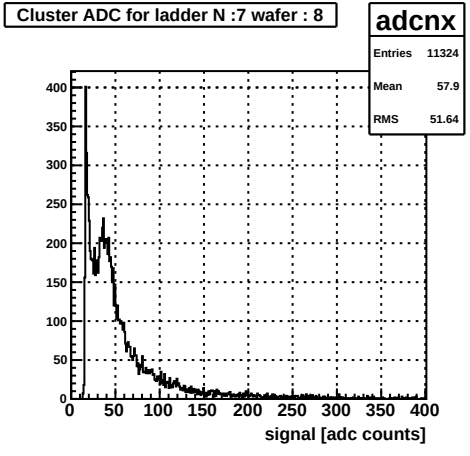

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 11791
Mean 52.66
RMS 49.53
signal [adc counts]

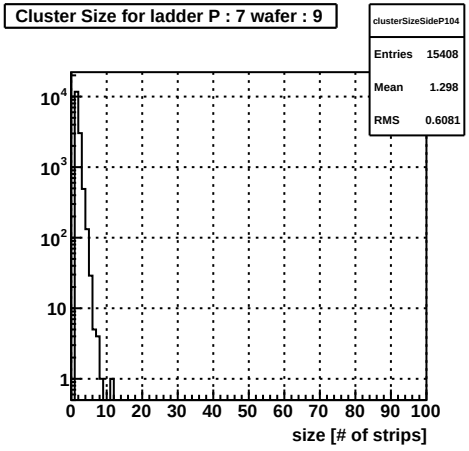

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 12577
Mean 1.342
RMS 0.6532
size [# of strips]

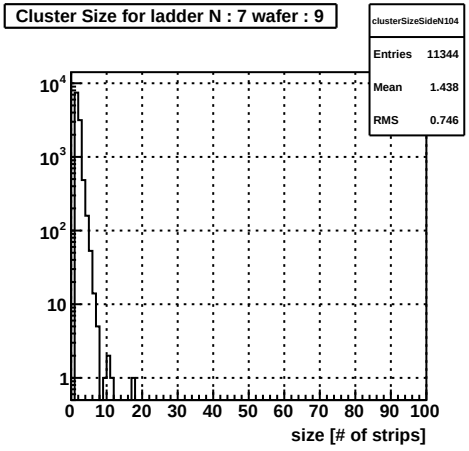

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 11324
Mean 1.441
RMS 0.7781
size [# of strips]

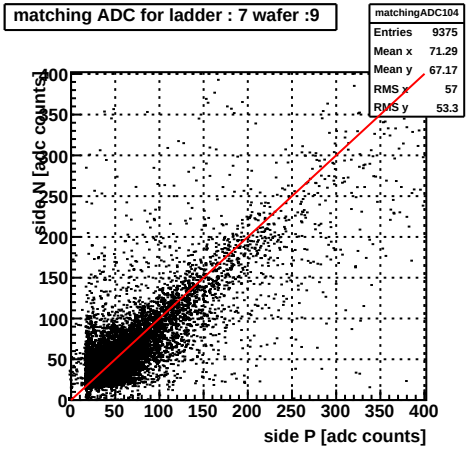

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 9713
Mean x 71.2
Mean y 59.68
RMS x 55.24
RMS y 48.08
side N [adc counts]
side P [adc counts]

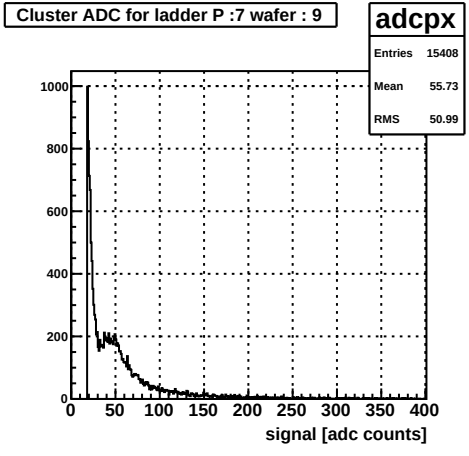

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 12577
Mean 71.96
RMS 59.17
signal [adc counts]

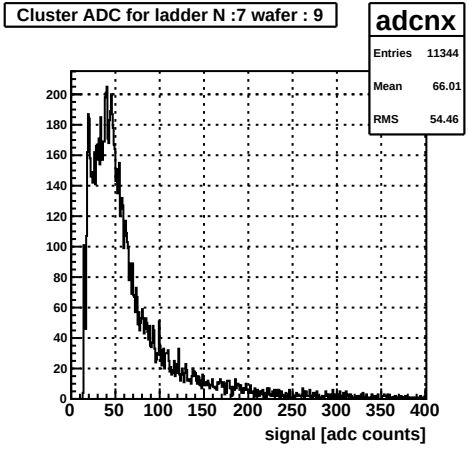

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 11324
Mean 57.9
RMS 51.64
signal [adc counts]

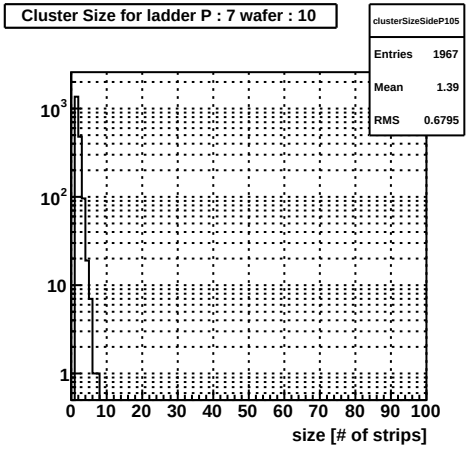

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 15408
Mean 1.298
RMS 0.6081
size [# of strips]

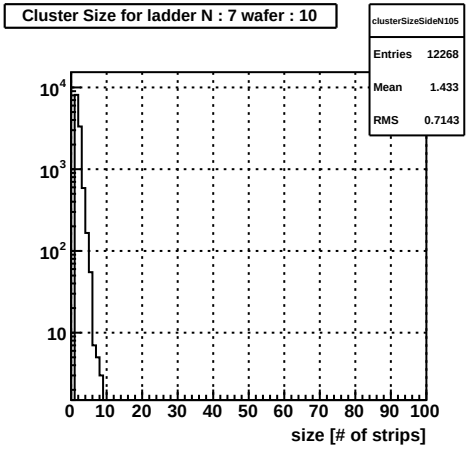

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 11344
Mean 1.438
RMS 0.746
size [# of strips]

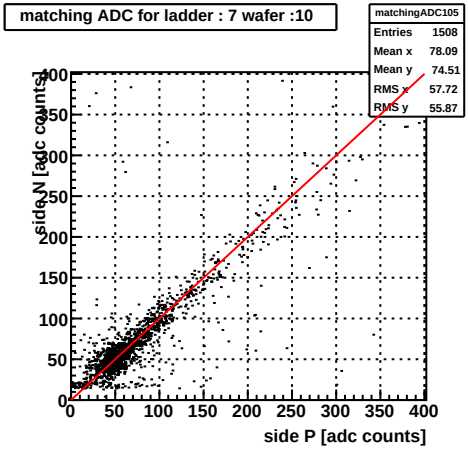

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 9375
Mean x 71.29
Mean y 67.17
RMS x 57
RMS y 53.3
side N [adc counts]
side P [adc counts]

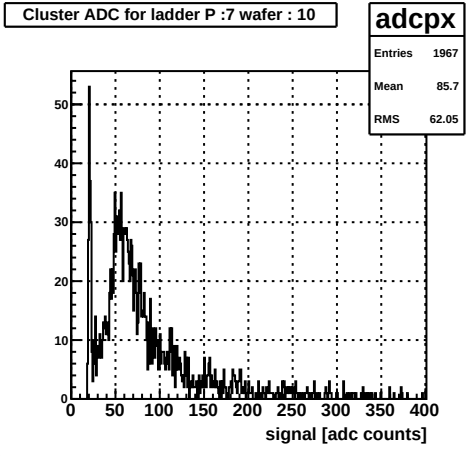

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 15408
Mean 55.73
RMS 50.99
signal [adc counts]

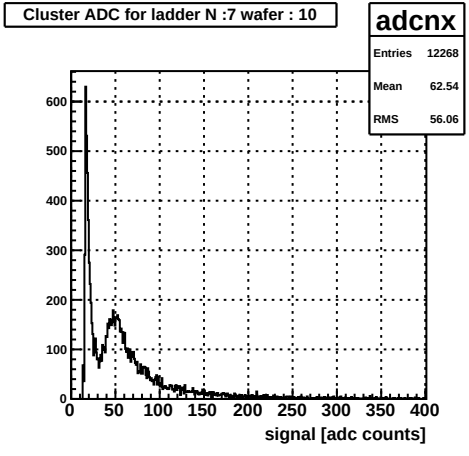

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 11344
Mean 66.01
RMS 54.46
signal [adc counts]

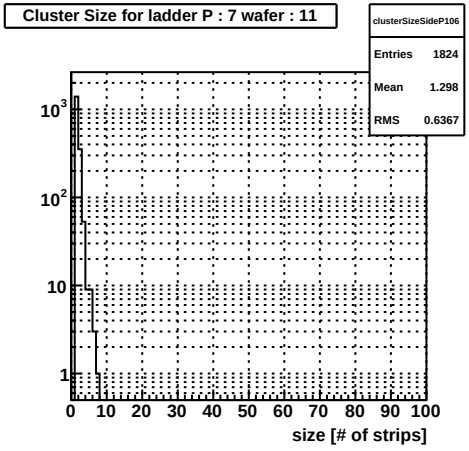

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1967
Mean 1.39
RMS 0.6795
size [# of strips]

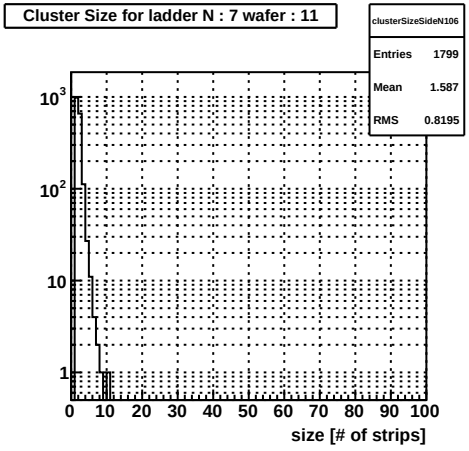

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 12268
Mean 1.433
RMS 0.7143
size [# of strips]

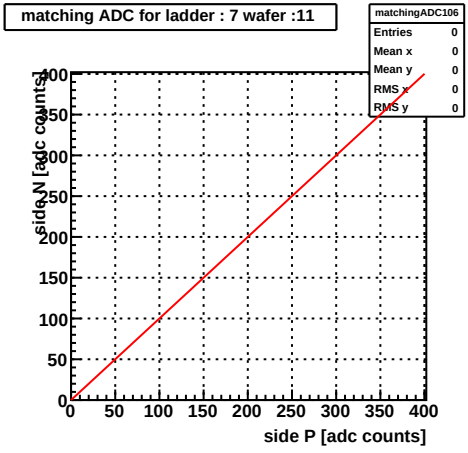

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1508
Mean x 78.09
Mean y 74.51
RMS x 57.72
RMS y 55.87
side N [adc counts]
side P [adc counts]

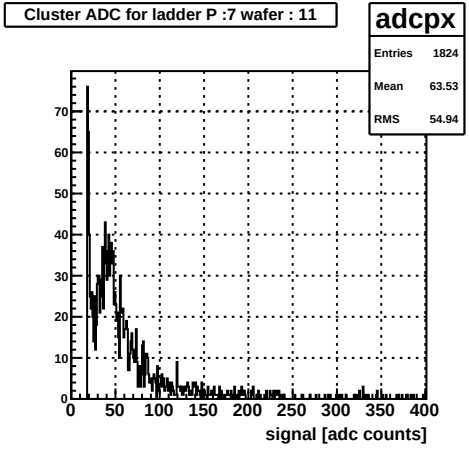

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1967
Mean 85.7
RMS 62.05
signal [adc counts]

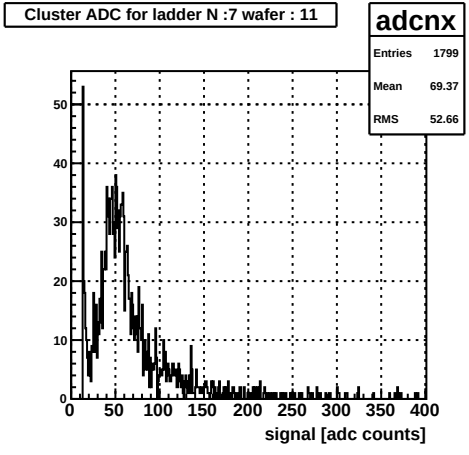

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 12268
Mean 62.54
RMS 56.06
signal [adc counts]

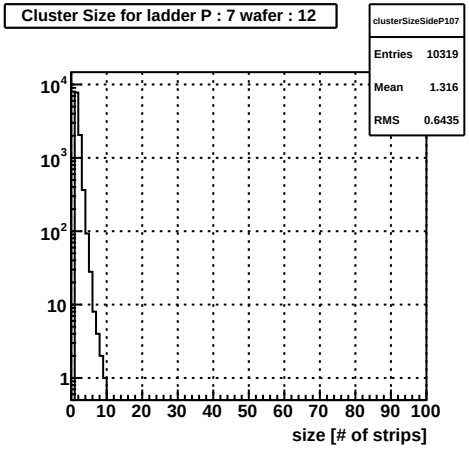

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 1824
Mean 1.298
RMS 0.6367
size [# of strips]

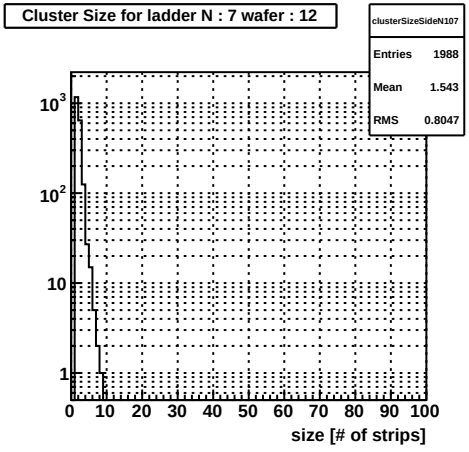

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 1799
Mean 1.587
RMS 0.8195
size [# of strips]

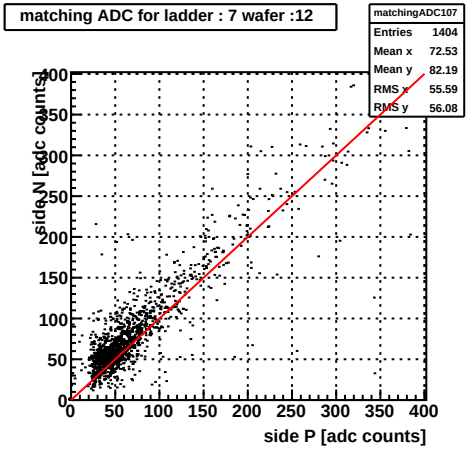

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

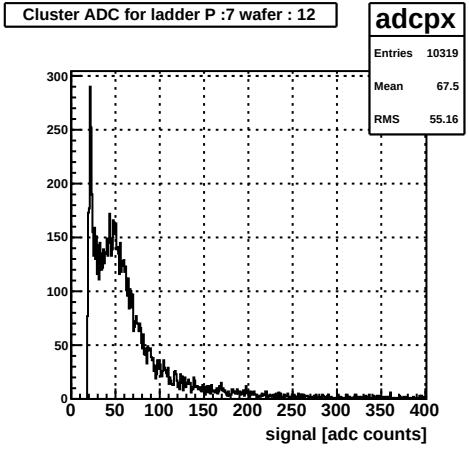

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 1824
Mean 63.53
RMS 54.94
signal [adc counts]

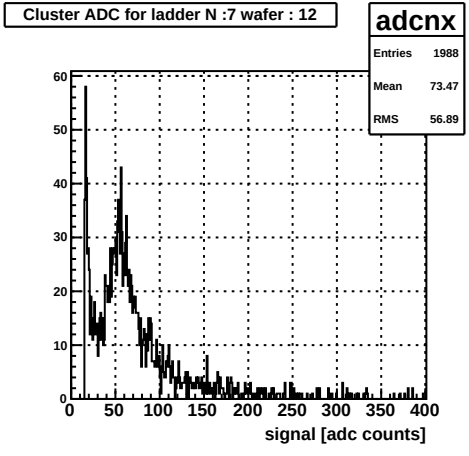

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 1799
Mean 69.37
RMS 52.66
signal [adc counts]

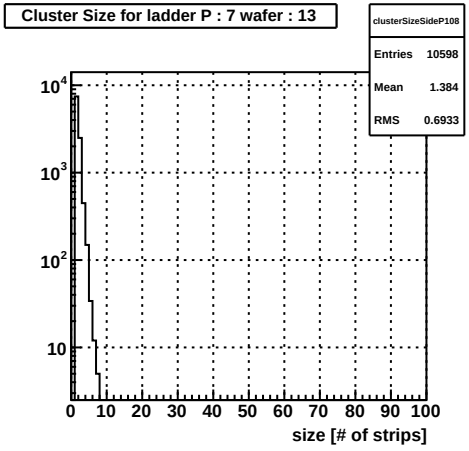

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 10319
Mean 1.316
RMS 0.6435
size [# of strips]

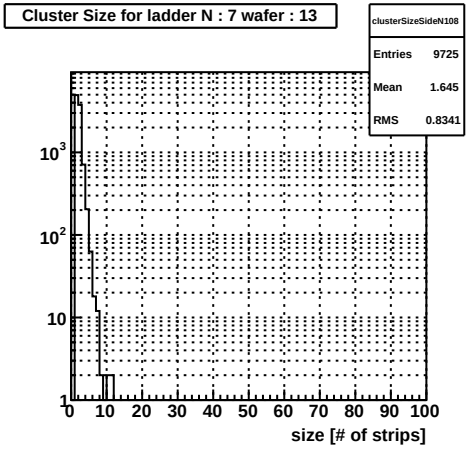

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1988
Mean 1.543
RMS 0.8047
size [# of strips]

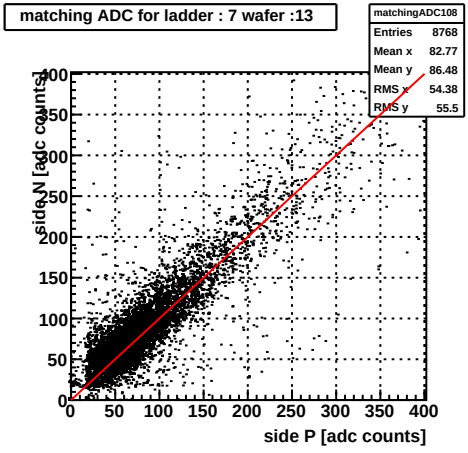

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1404
Mean x 72.53
Mean y 82.19
RMS x 55.59
RMS y 56.08
side N [adc counts]
side P [adc counts]

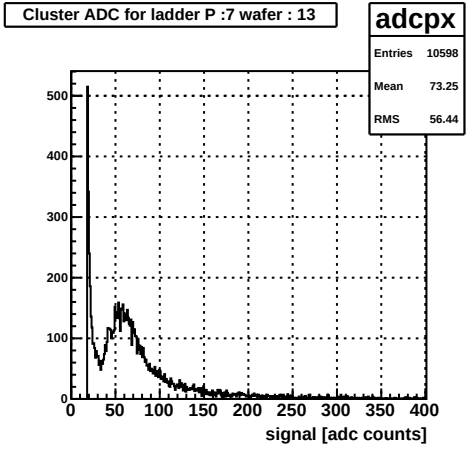

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 10319
Mean 67.5
RMS 55.16
signal [adc counts]

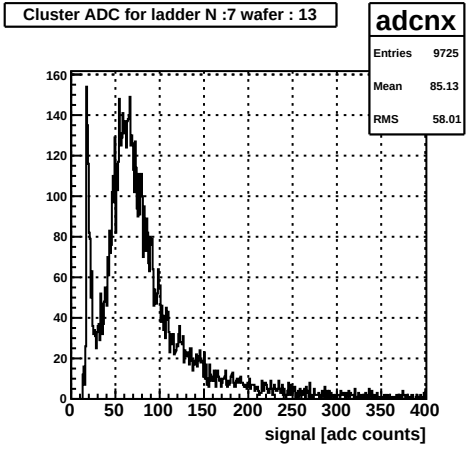

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1988
Mean 73.47
RMS 56.89
signal [adc counts]

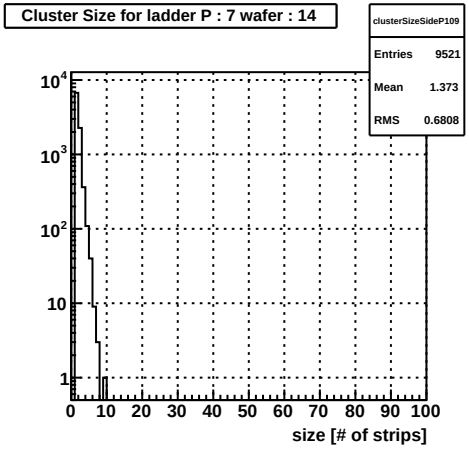

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 10598
Mean 1.384
RMS 0.6933
size [# of strips]

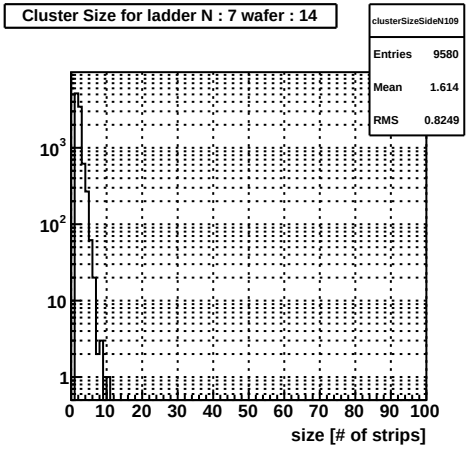

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 9725
Mean 1.645
RMS 0.8341
size [# of strips]

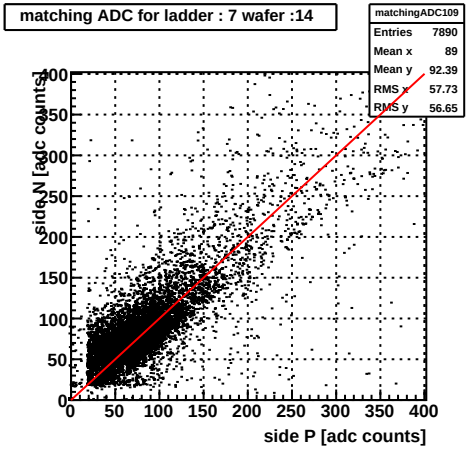

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 8768
Mean x 82.77
Mean y 86.48
RMS x 54.38
RMS y 55.5
side N [adc counts]
side P [adc counts]

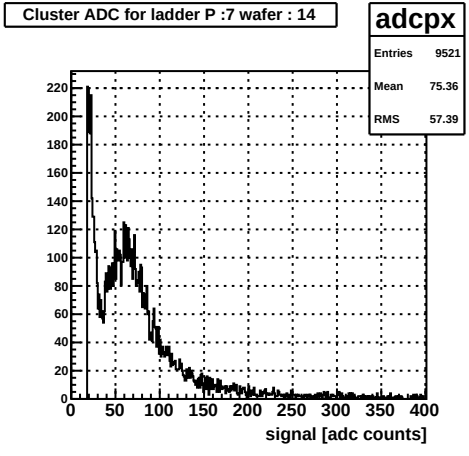

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 10598
Mean 73.25
RMS 56.44
signal [adc counts]

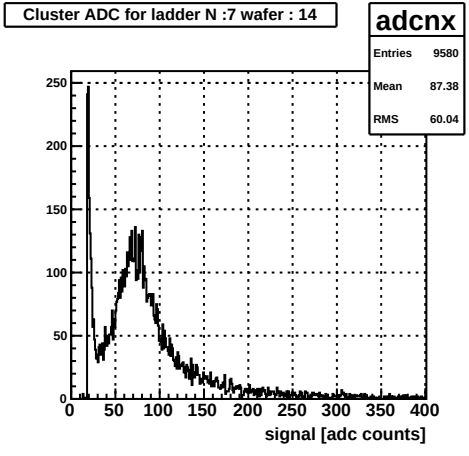

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 9725
Mean 85.13
RMS 58.01
signal [adc counts]

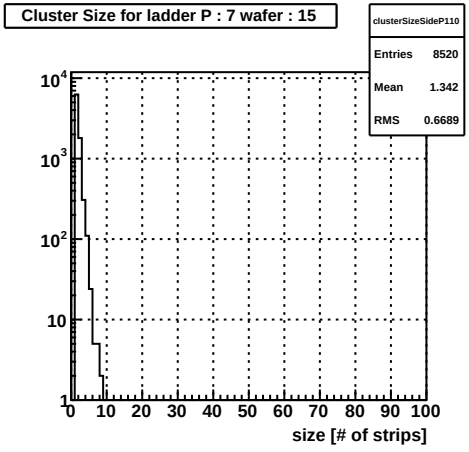

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 9521
Mean 1.373
RMS 0.6808
size [# of strips]

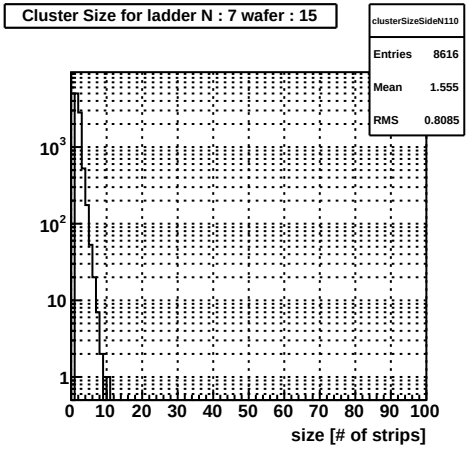

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 9580
Mean 1.614
RMS 0.8249
size [# of strips]

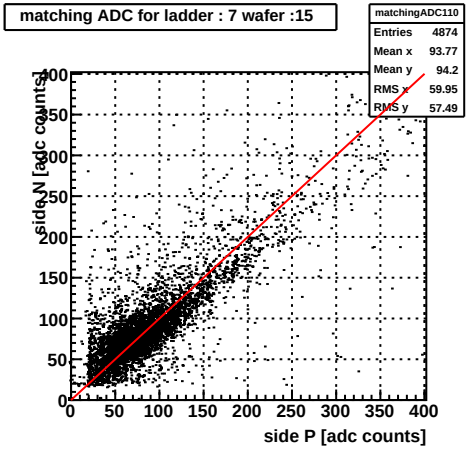

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 7890
Mean x 89
Mean y 92.39
RMS x 57.73
RMS y 56.65
side N [adc counts]
side P [adc counts]

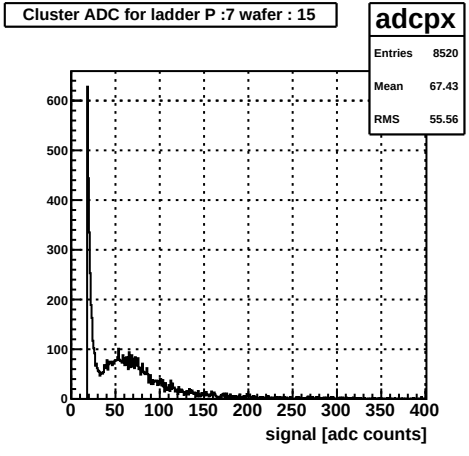

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 9521
Mean 75.36
RMS 57.39
signal [adc counts]

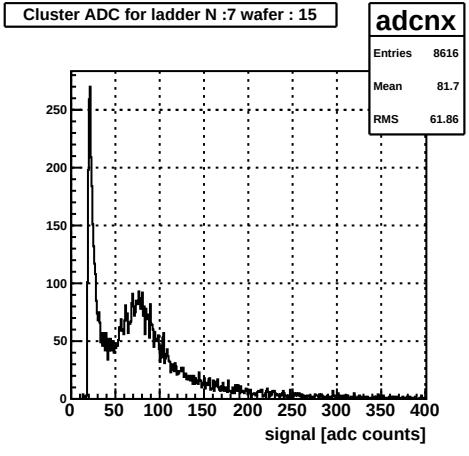

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 9580
Mean 87.38
RMS 60.04
signal [adc counts]

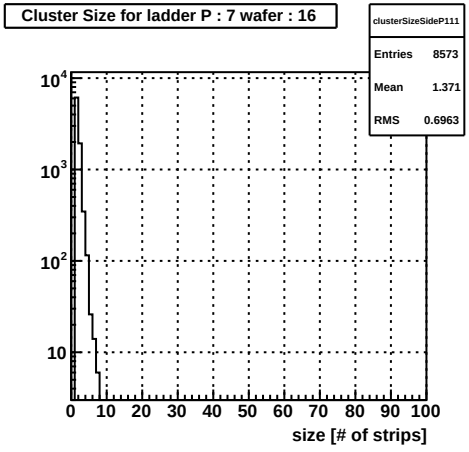

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 8520
Mean 1.342
RMS 0.6689
size [# of strips]

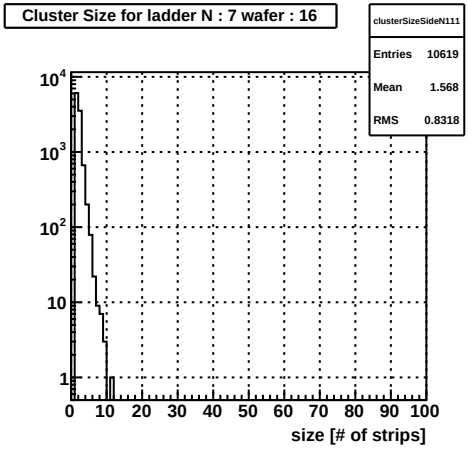

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 8616
Mean 1.555
RMS 0.8085
size [# of strips]

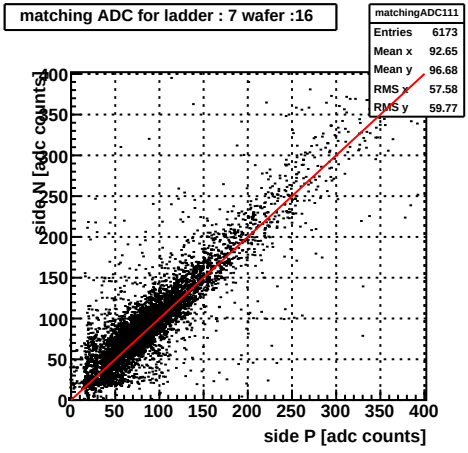

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 4874
Mean x 93.77
Mean y 94.2
RMS x 59.95
RMS y 57.49
side N [adc counts]
side P [adc counts]

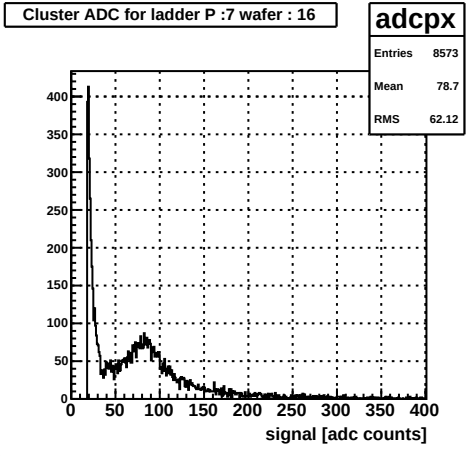

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 8520
Mean 67.43
RMS 55.56
signal [adc counts]

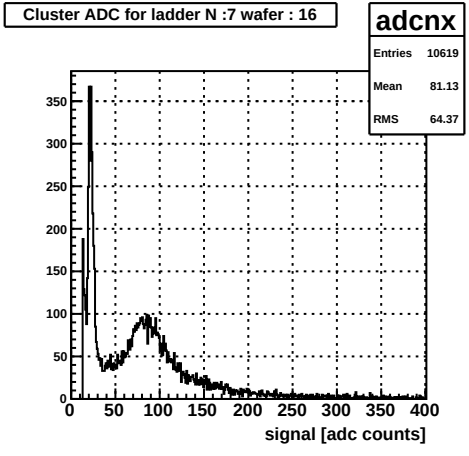

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 8616
Mean 81.7
RMS 61.86
signal [adc counts]

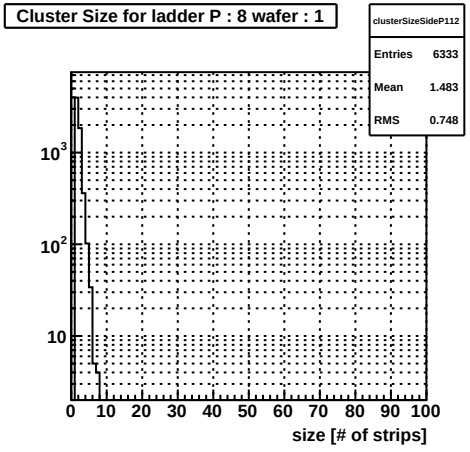

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8573
Mean 1.371
RMS 0.6963
size [# of strips]

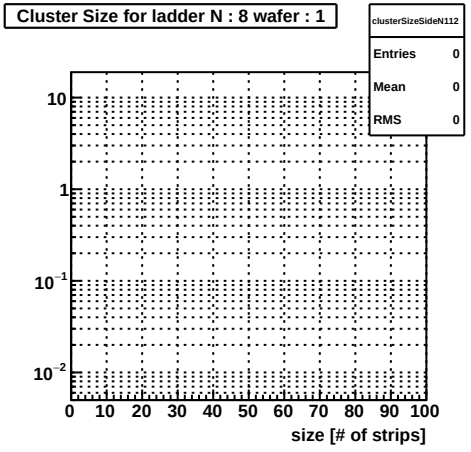

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 10619
Mean 1.568
RMS 0.8318
size [# of strips]

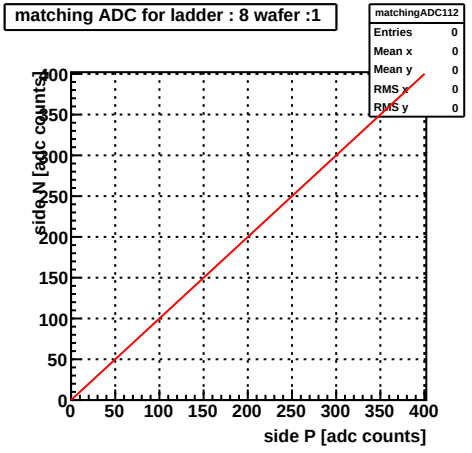

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 6173
Mean x 92.65
Mean y 96.68
RMS x 57.58
RMS y 59.77
side N [adc counts]
side P [adc counts]

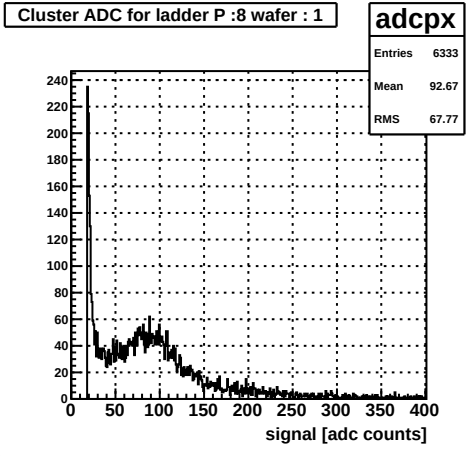

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8573
Mean 78.7
RMS 62.12
signal [adc counts]

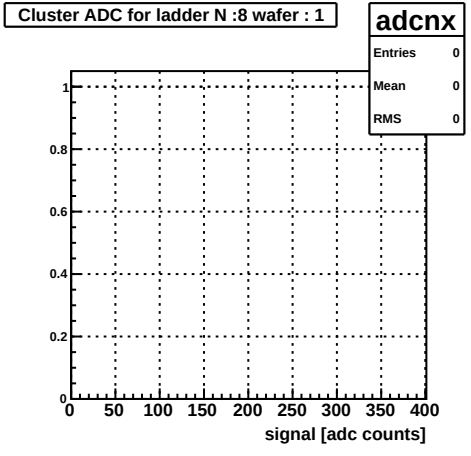

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 10619
Mean 81.13
RMS 64.37
signal [adc counts]

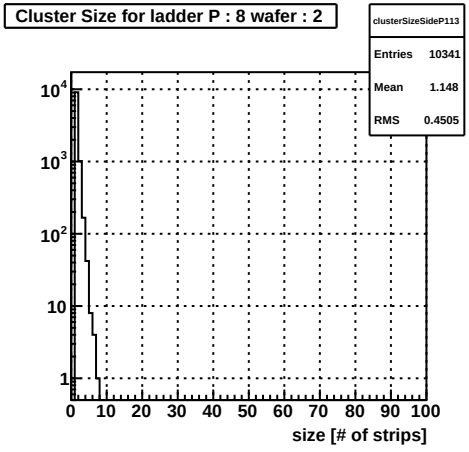

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 6333
Mean 1.483
RMS 0.748
size [# of strips]

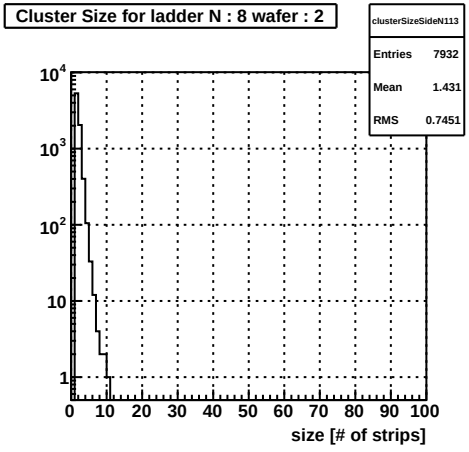

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

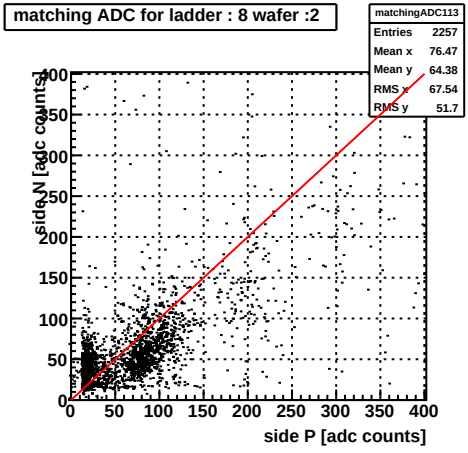

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

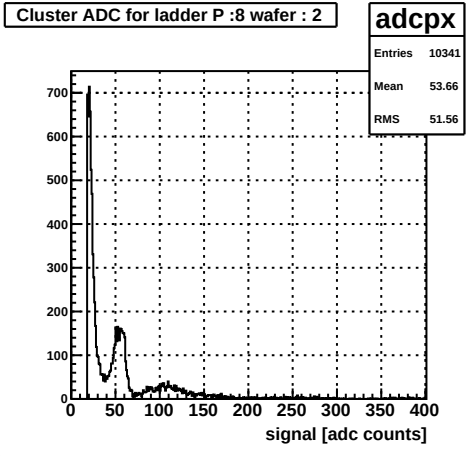

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 6333
Mean 92.67
RMS 67.77
signal [adc counts]

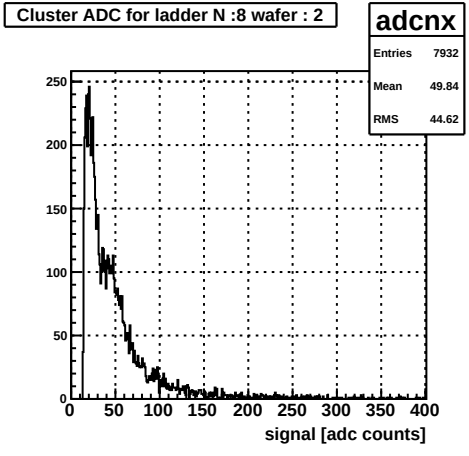

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

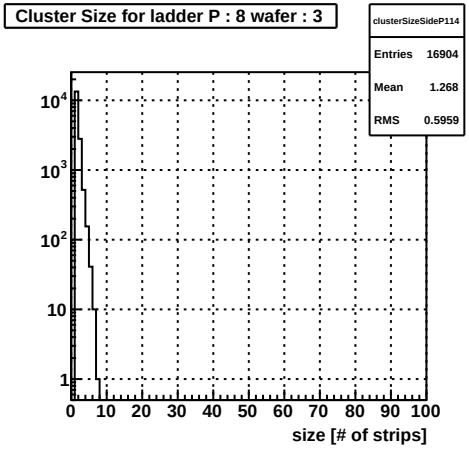

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 10341
Mean 1.148
RMS 0.4505
size [# of strips]

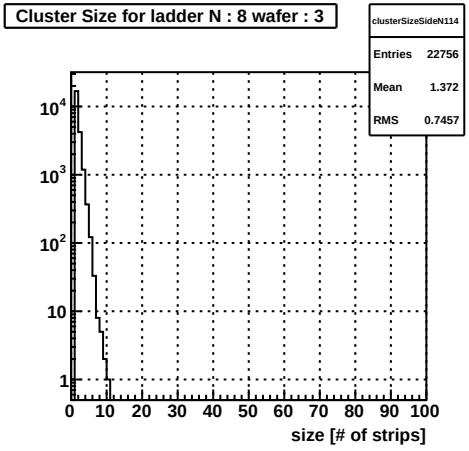

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 7932
Mean 1.431
RMS 0.7451
size [# of strips]

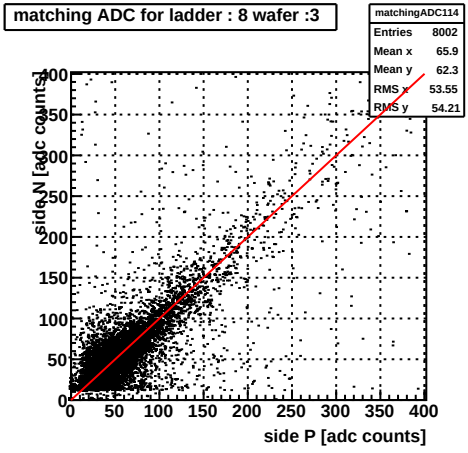

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 2257
Mean x 76.47
Mean y 64.38
RMS x 67.54
RMS y 51.7
side N [adc counts]
side P [adc counts]

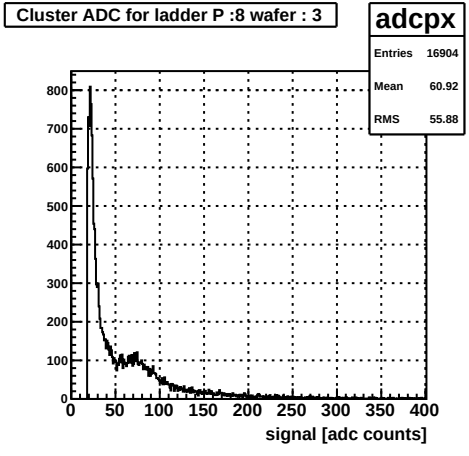

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 10341
Mean 53.66
RMS 51.56
signal [adc counts]

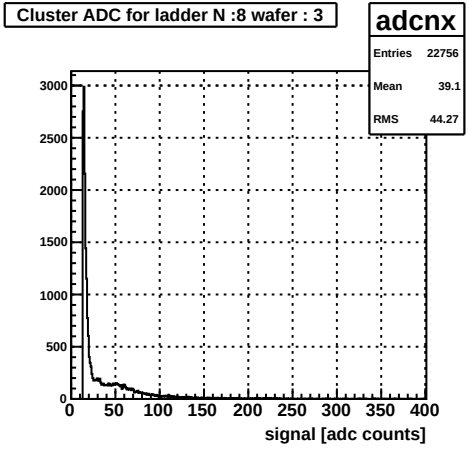

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 7932
Mean 49.84
RMS 44.62
signal [adc counts]

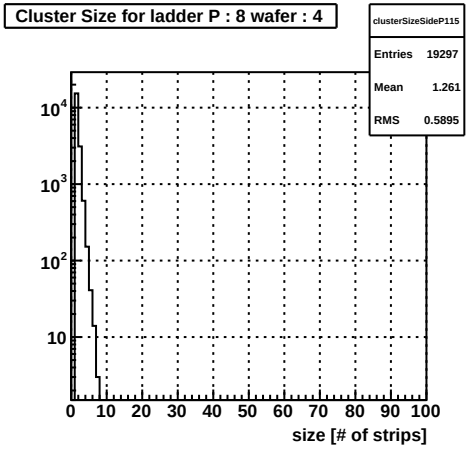

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 16904
Mean 1.268
RMS 0.5959
size [# of strips]

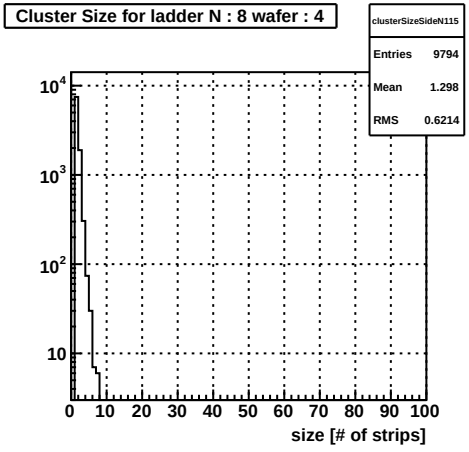

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 22756
Mean 1.372
RMS 0.7457
size [# of strips]

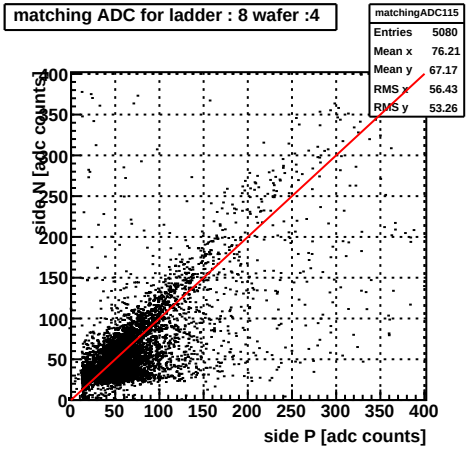

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 8002
Mean x 65.9
Mean y 62.3
RMS x 53.55
RMS y 54.21
side N [adc counts]
side P [adc counts]

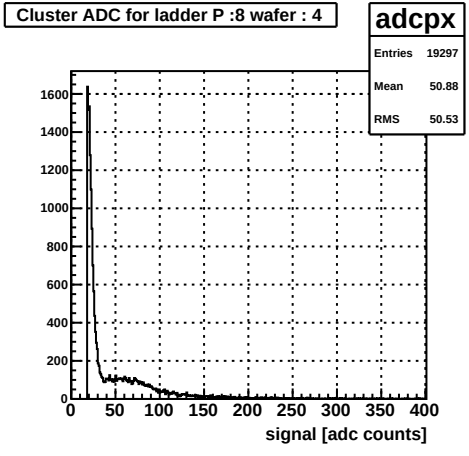

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 16904
Mean 60.92
RMS 55.88
signal [adc counts]

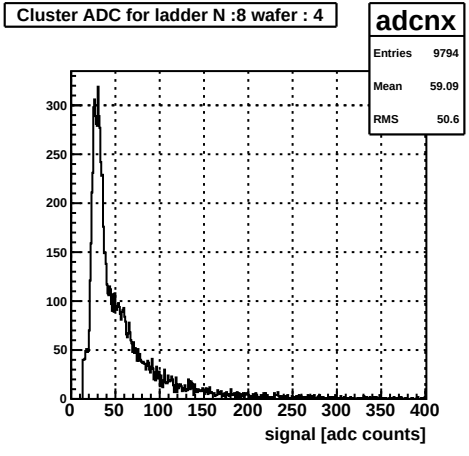

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 22756
Mean 39.1
RMS 44.27
signal [adc counts]

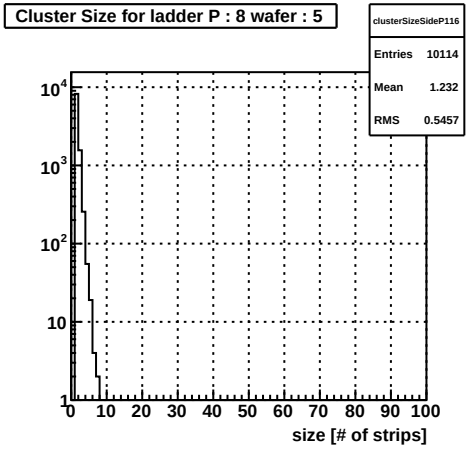

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 19297
Mean 1.261
RMS 0.5895
size [# of strips]

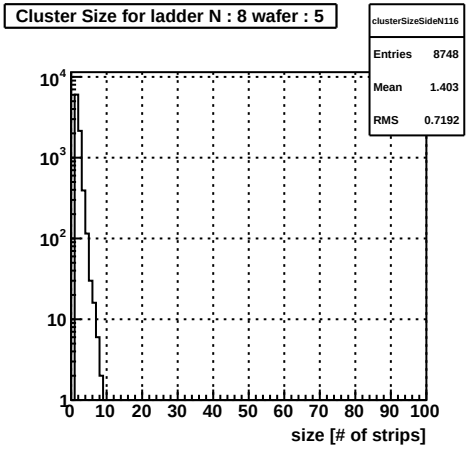

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 9794
Mean 1.298
RMS 0.6214
size [# of strips]

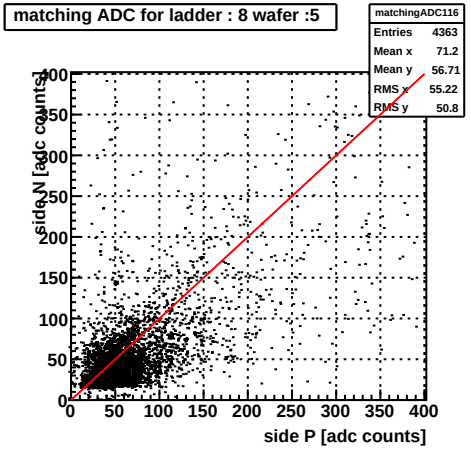

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 5080
Mean x 76.21
Mean y 67.17
RMS x 56.43
RMS y 53.26
side N [adc counts]
side P [adc counts]

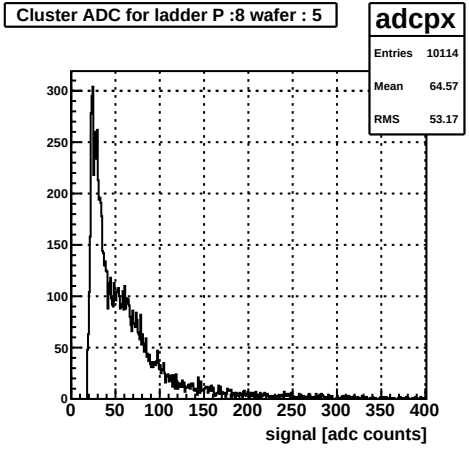

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 19297
Mean 50.88
RMS 50.53
signal [adc counts]

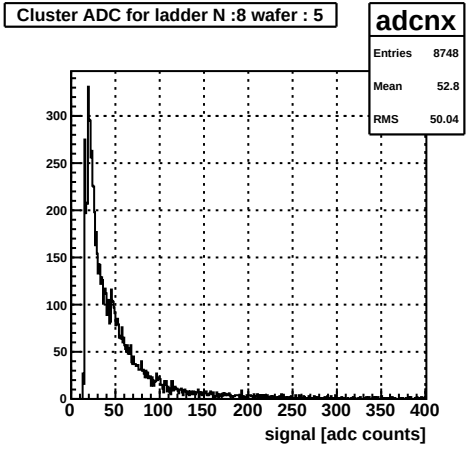

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 9794
Mean 59.09
RMS 50.6
signal [adc counts]

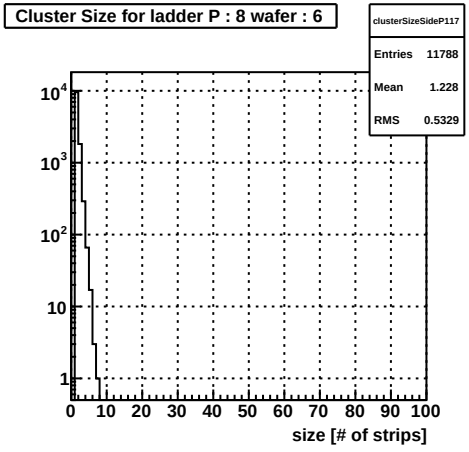

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 10114
Mean 1.232
RMS 0.5457
size [# of strips]

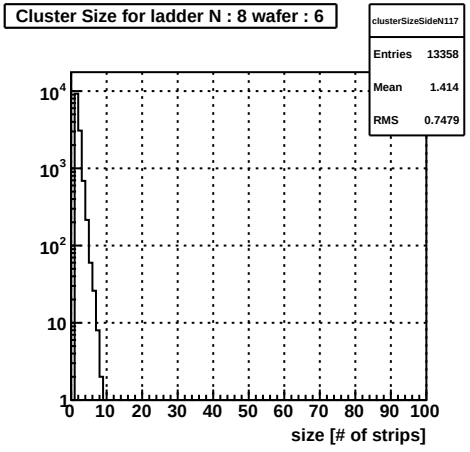

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 8748
Mean 1.403
RMS 0.7192
size [# of strips]

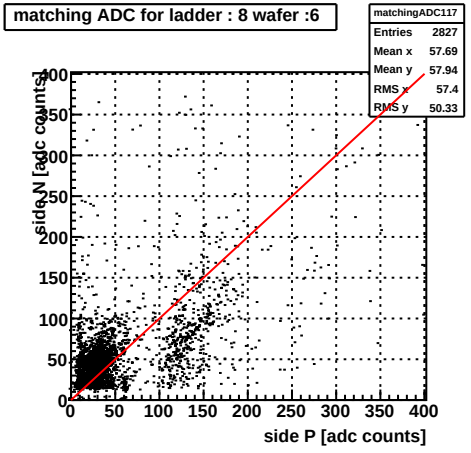

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 4363
Mean x 71.2
Mean y 56.71
RMS x 55.22
RMS y 50.8
side N [adc counts]
side P [adc counts]

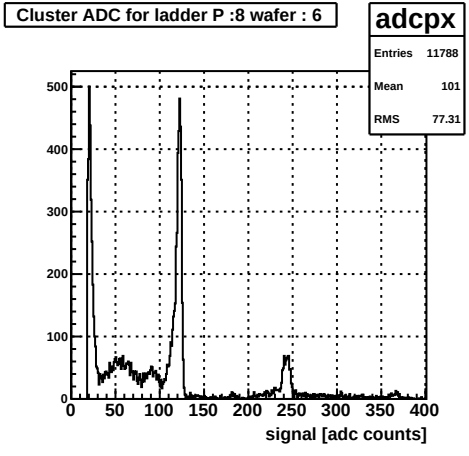

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 10114
Mean 64.57
RMS 53.17
signal [adc counts]

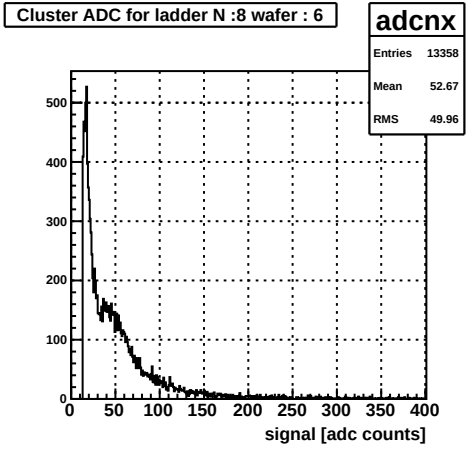

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 8748
Mean 52.8
RMS 50.04
signal [adc counts]

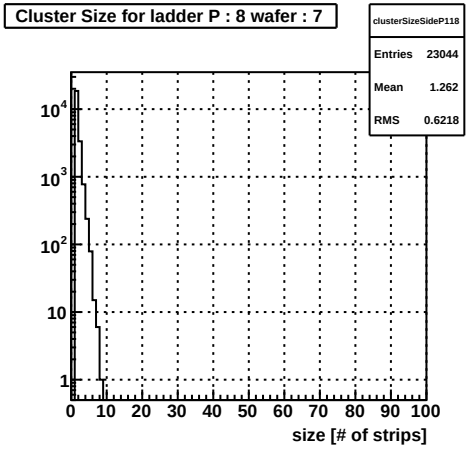

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 11788
Mean 1.228
RMS 0.5329
size [# of strips]

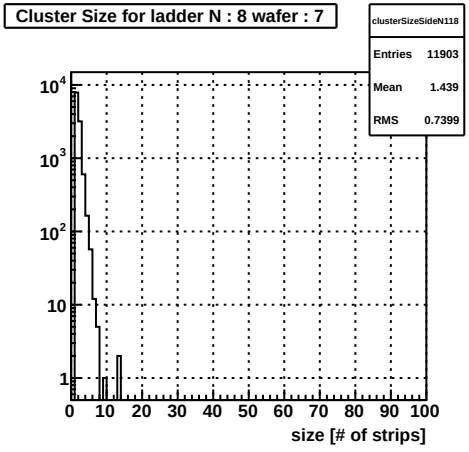

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 13358
Mean 1.414
RMS 0.7479
size [# of strips]

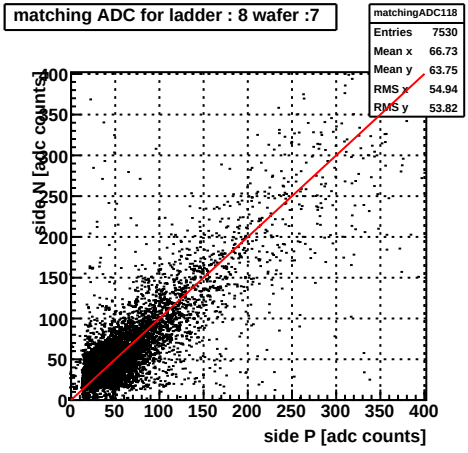

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 2827
Mean x 57.69
Mean y 57.94
RMS x 57.4
RMS y 50.33
side N [adc counts]
side P [adc counts]

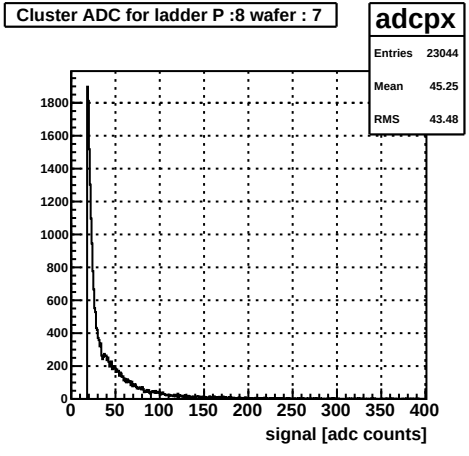

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 11788
Mean 101
RMS 77.31
signal [adc counts]

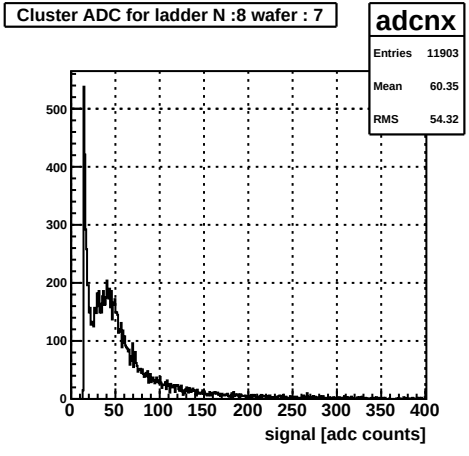

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 13358
Mean 52.67
RMS 49.96
signal [adc counts]

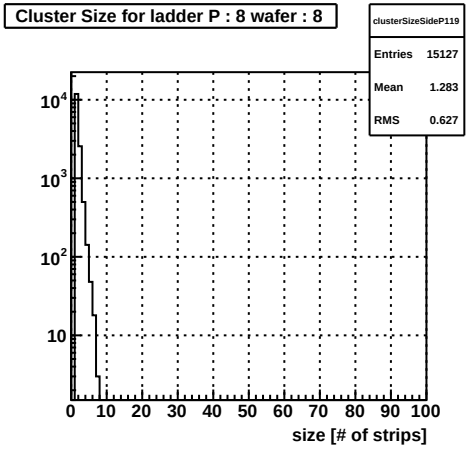

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 23044
Mean 1.262
RMS 0.6218
size [# of strips]

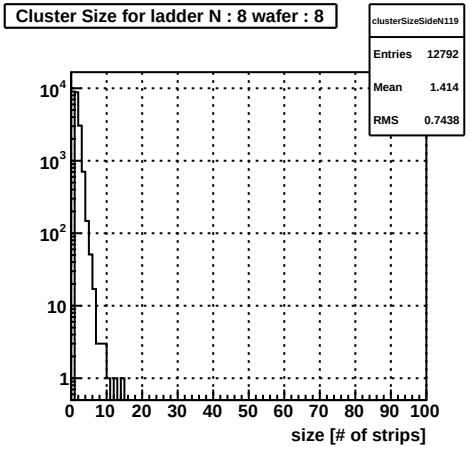

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 11903
Mean 1.439
RMS 0.7399
size [# of strips]

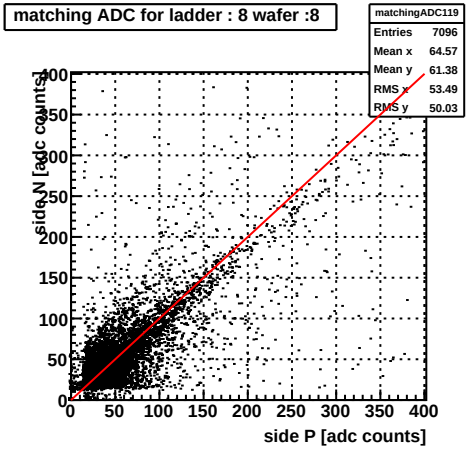

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 7530
Mean x 66.73
Mean y 63.75
RMS x 54.94
RMS y 53.82
side N [adc counts]
side P [adc counts]

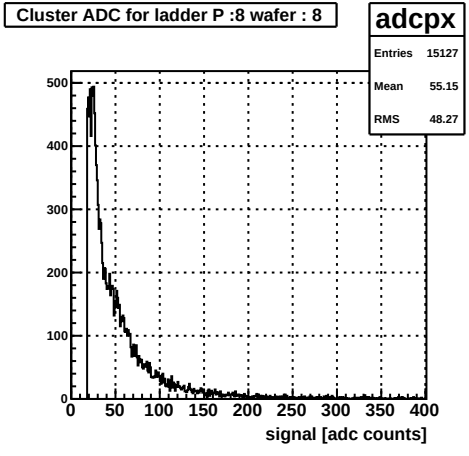

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 23044
Mean 45.25
RMS 43.48
signal [adc counts]

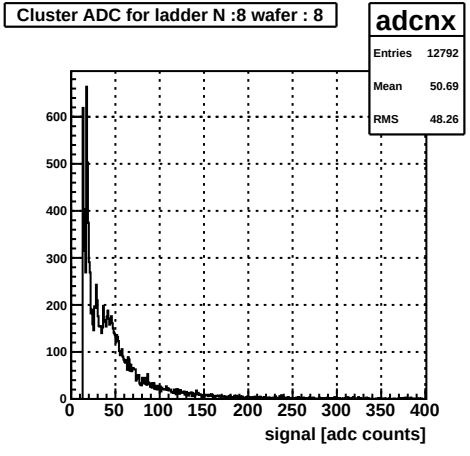

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 11903
Mean 60.35
RMS 54.32
signal [adc counts]

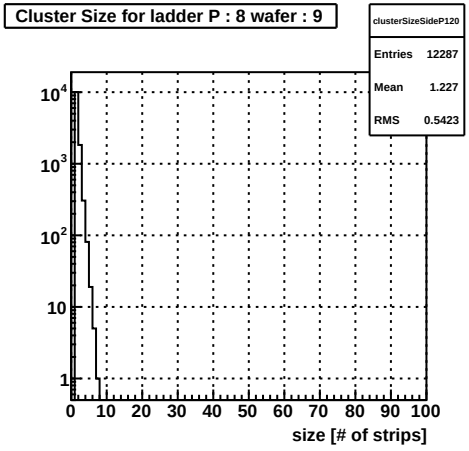

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 15127
Mean 1.283
RMS 0.627
size [# of strips]

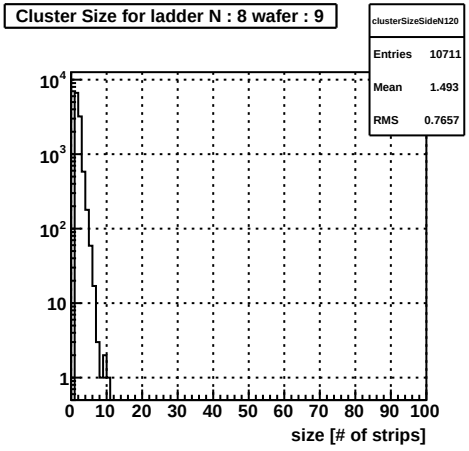

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 12792
Mean 1.414
RMS 0.7438
size [# of strips]

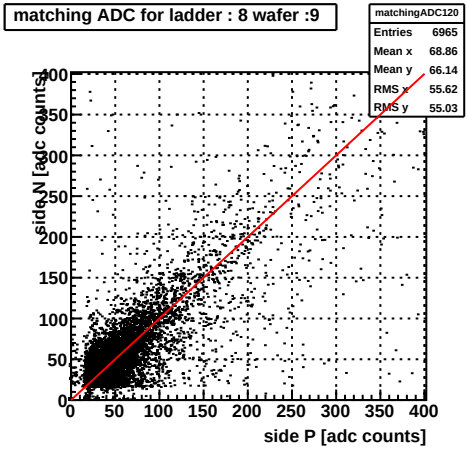

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 7096
Mean x 64.57
Mean y 61.38
RMS x 53.49
RMS y 50.03
side N [adc counts]
side P [adc counts]

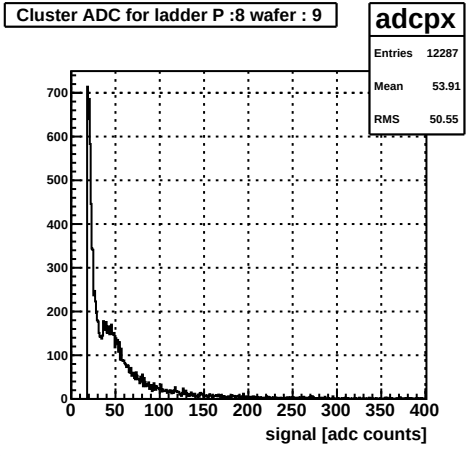

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 15127
Mean 55.15
RMS 48.27
signal [adc counts]

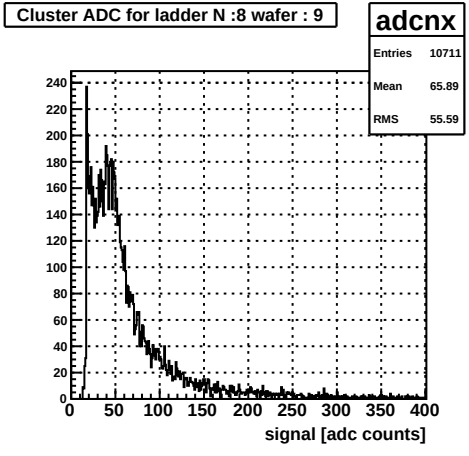

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 12792
Mean 50.69
RMS 48.26
signal [adc counts]

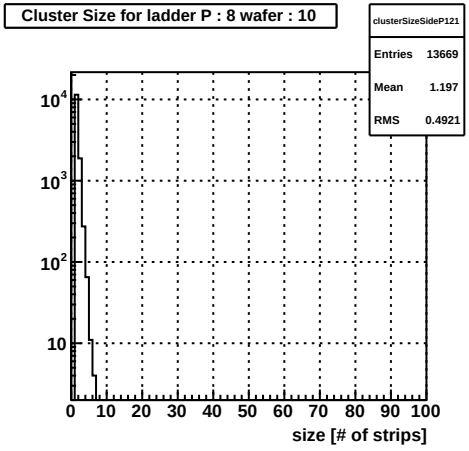

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 12287
Mean 1.227
RMS 0.5423
size [# of strips]

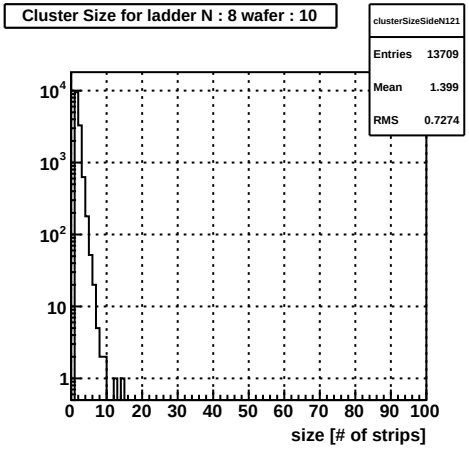

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 10711
Mean 1.493
RMS 0.7657
size [# of strips]

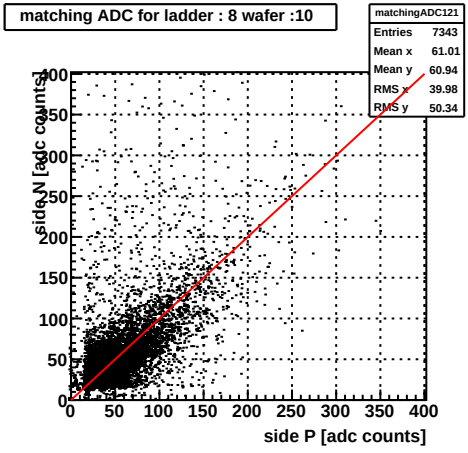

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 6965
Mean x 68.86
Mean y 66.14
RMS x 55.62
RMS y 55.03
side N [adc counts]
side P [adc counts]

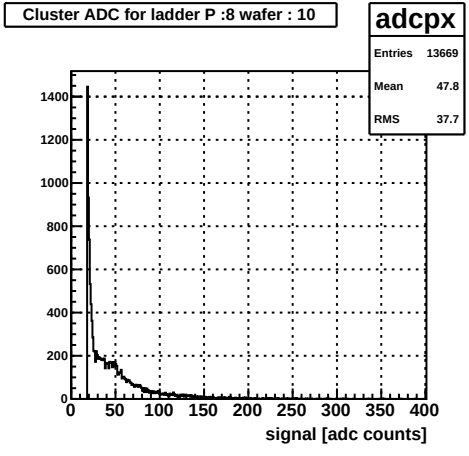

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 12287
Mean 53.91
RMS 50.55
signal [adc counts]

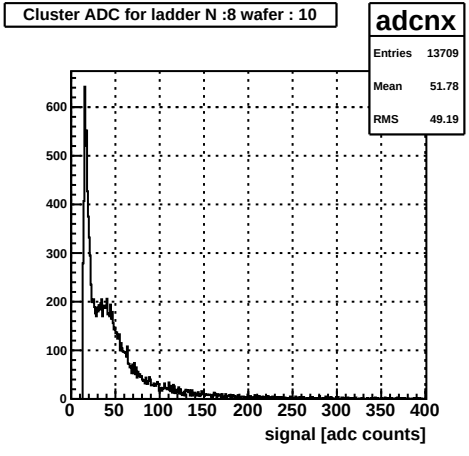

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 10711
Mean 65.89
RMS 55.59
signal [adc counts]

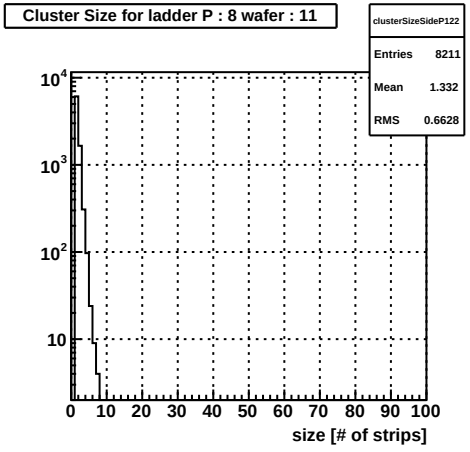

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 13669
Mean 1.197
RMS 0.4921
size [# of strips]

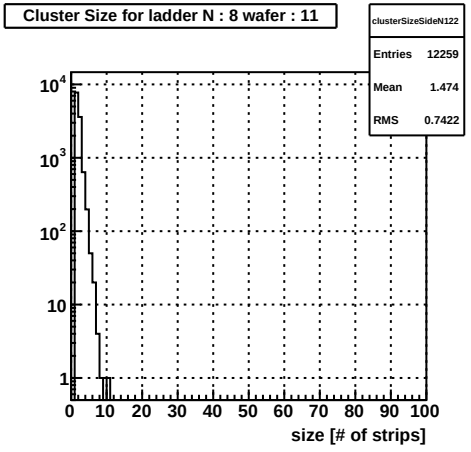

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 13709
Mean 1.399
RMS 0.7274
size [# of strips]

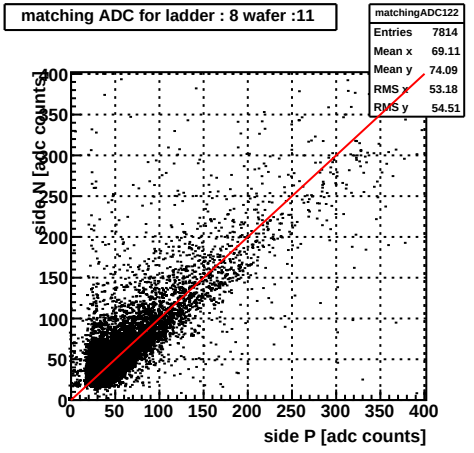

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 7343
Mean x 61.01
Mean y 60.94
RMS x 39.98
RMS y 50.34
side N [adc counts]
side P [adc counts]

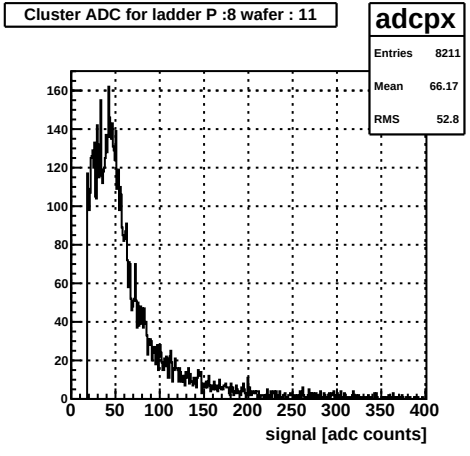

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 13669
Mean 47.8
RMS 37.7
signal [adc counts]

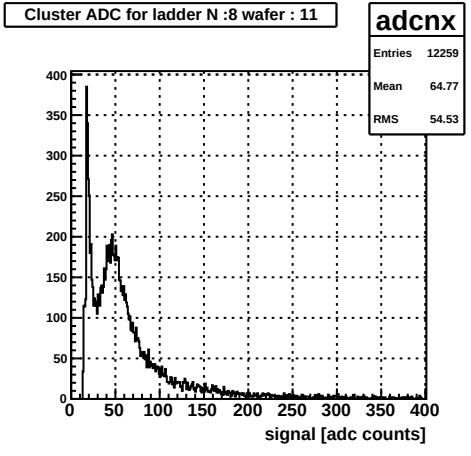

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 13709
Mean 51.78
RMS 49.19
signal [adc counts]

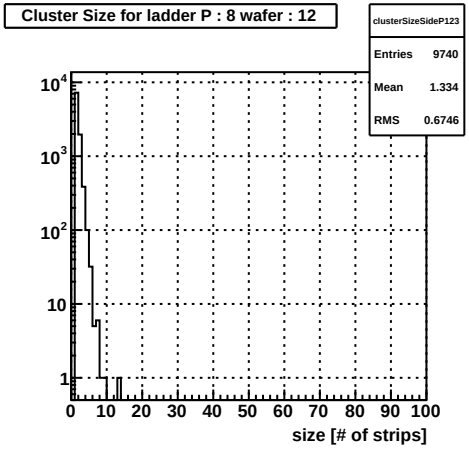

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 8211
Mean 1.332
RMS 0.6628
size [# of strips]

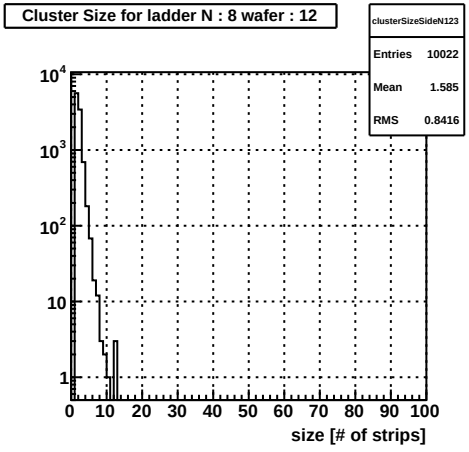

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 12259
Mean 1.474
RMS 0.7422
size [# of strips]

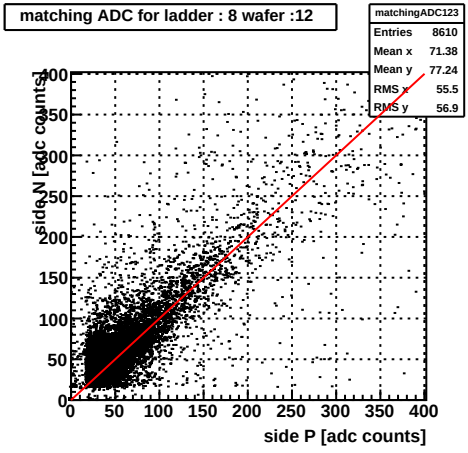

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 7814
Mean x 69.11
Mean y 74.09
RMS x 53.18
RMS y 54.51
side N [adc counts]
side P [adc counts]

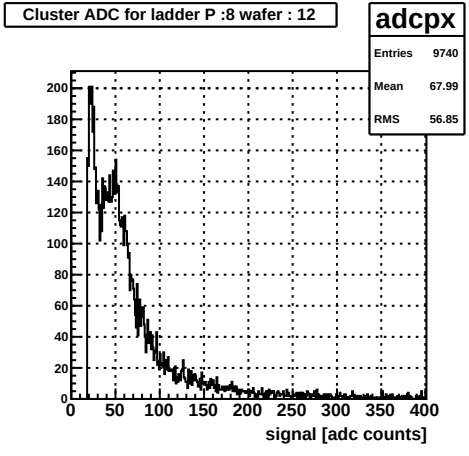

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 8211
Mean 66.17
RMS 52.8
signal [adc counts]

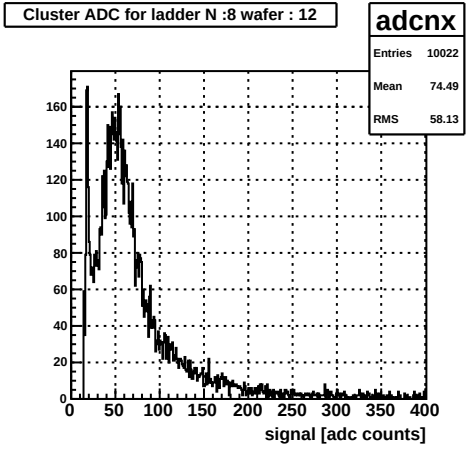

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 12259
Mean 64.77
RMS 54.53
signal [adc counts]

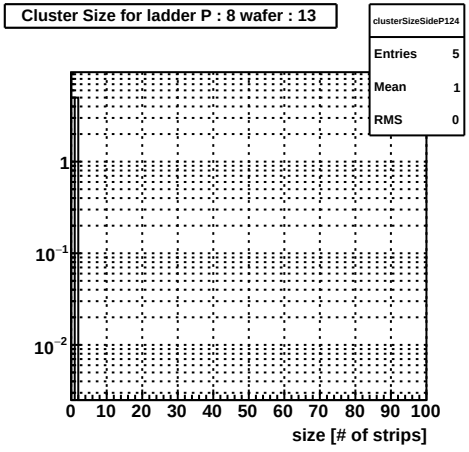

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 9740
Mean 1.334
RMS 0.6746
size [# of strips]

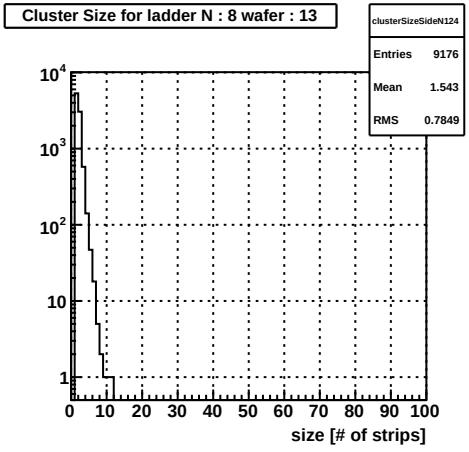

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 10022
Mean 1.585
RMS 0.8416
size [# of strips]

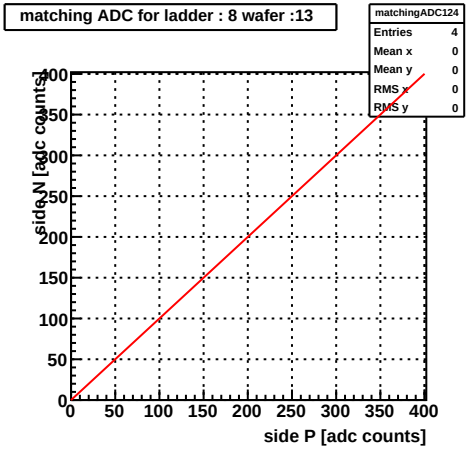

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 8610
Mean x 71.38
Mean y 77.24
RMS x 55.5
RMS y 56.9
side N [adc counts]
side P [adc counts]

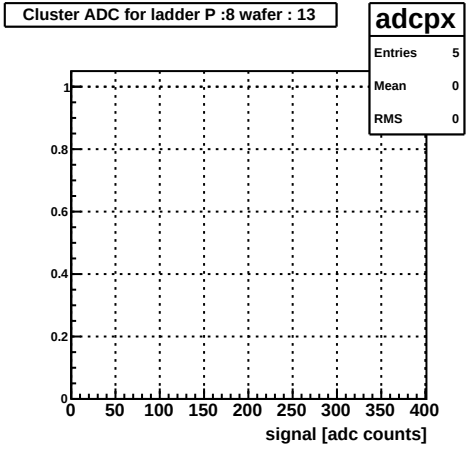

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 9740
Mean 67.99
RMS 56.85
signal [adc counts]

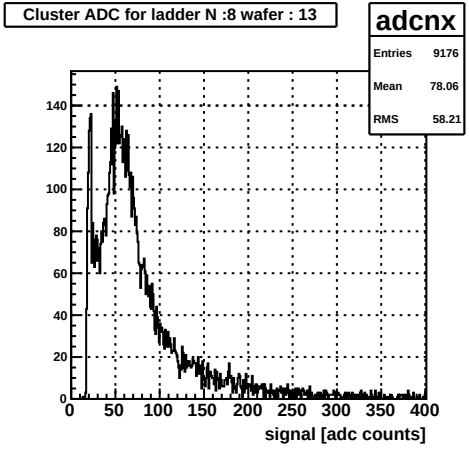

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 10022
Mean 74.49
RMS 58.13
signal [adc counts]

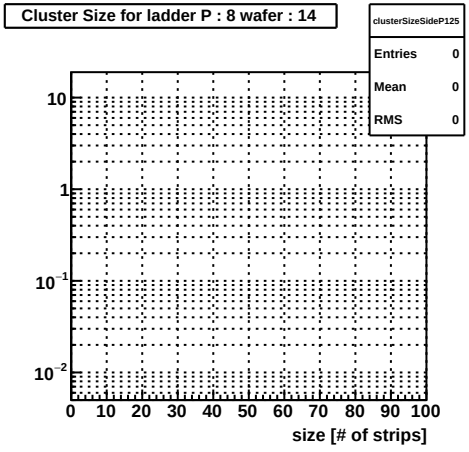

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 5
Mean 1
RMS 0
size [# of strips]

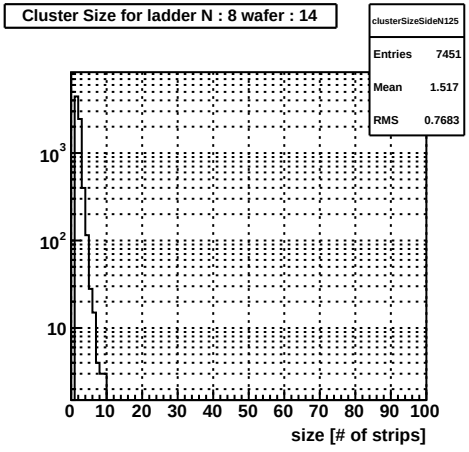

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 9176
Mean 1.543
RMS 0.7849
size [# of strips]

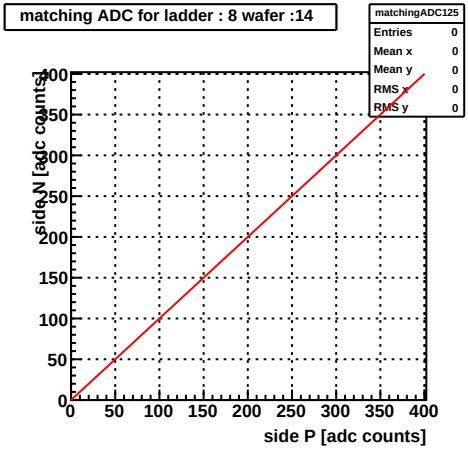

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

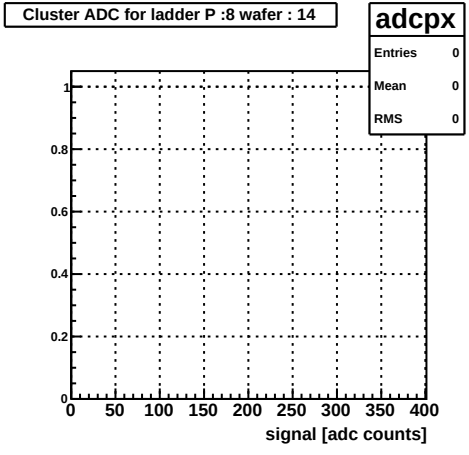

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

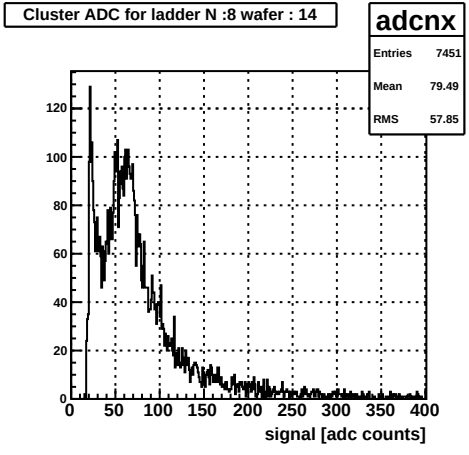

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 9176
Mean 78.06
RMS 58.21
signal [adc counts]

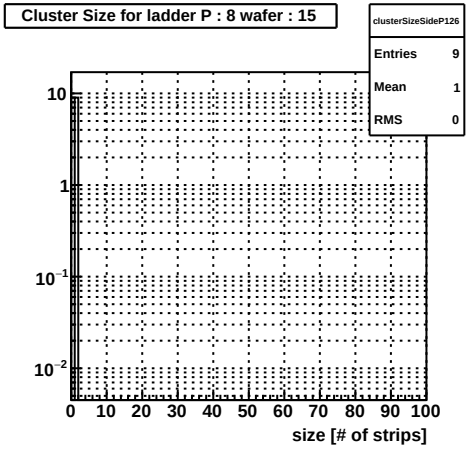

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

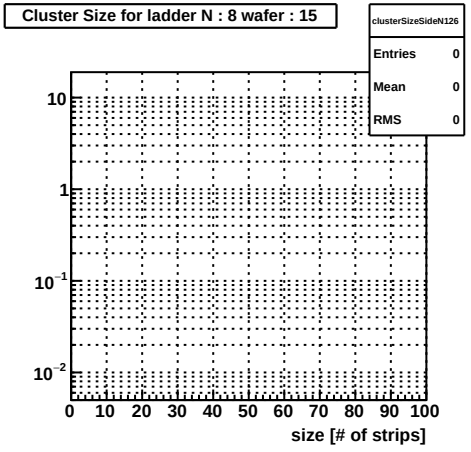

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 7451
Mean 1.517
RMS 0.7683
size [# of strips]

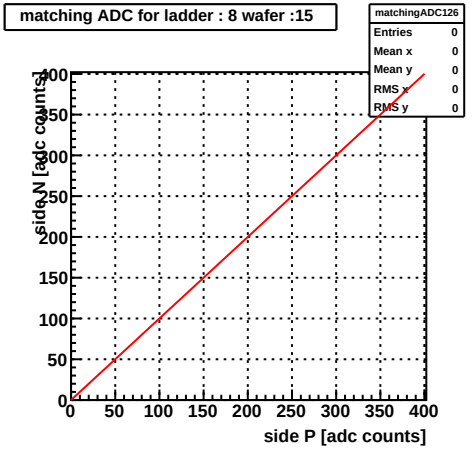

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

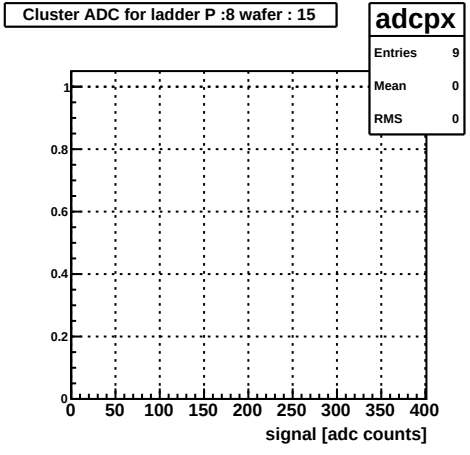

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

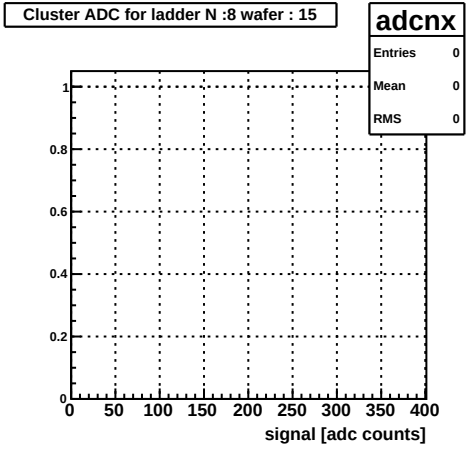

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 7451
Mean 79.49
RMS 57.85
signal [adc counts]

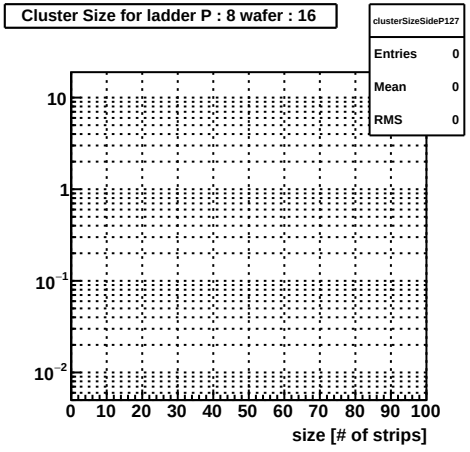

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 9
Mean 1
RMS 0
size [# of strips]

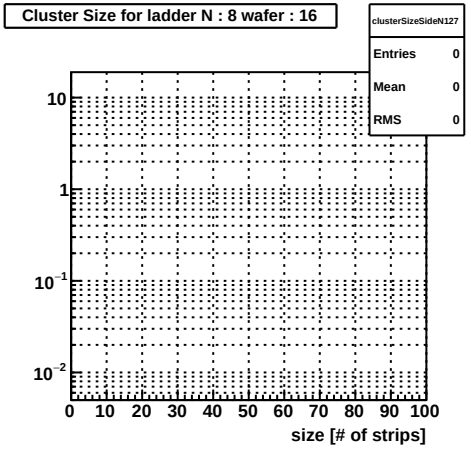

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

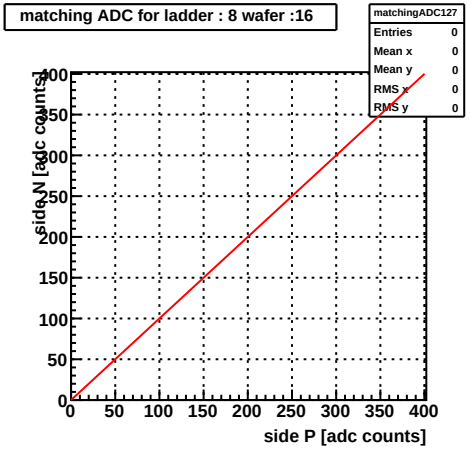

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

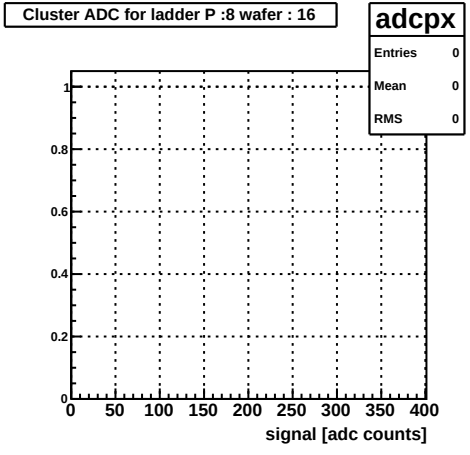

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

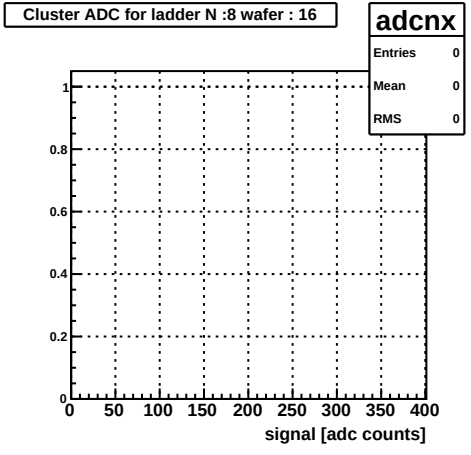

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

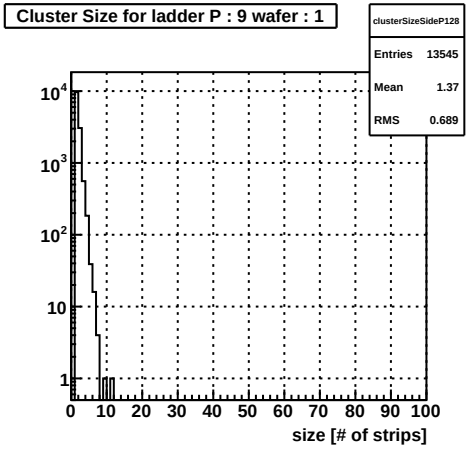

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

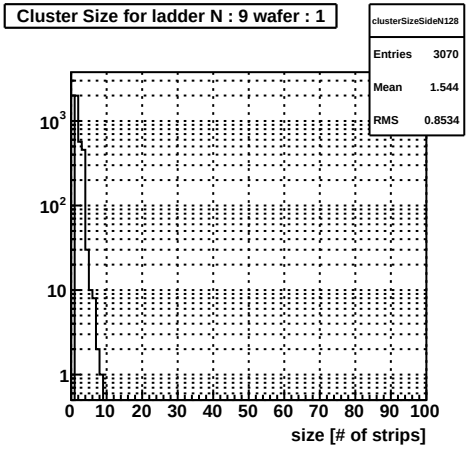

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

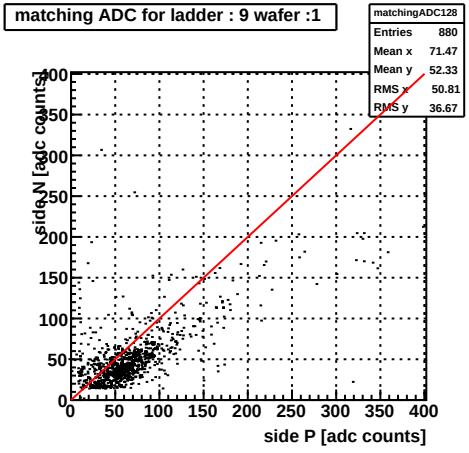

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

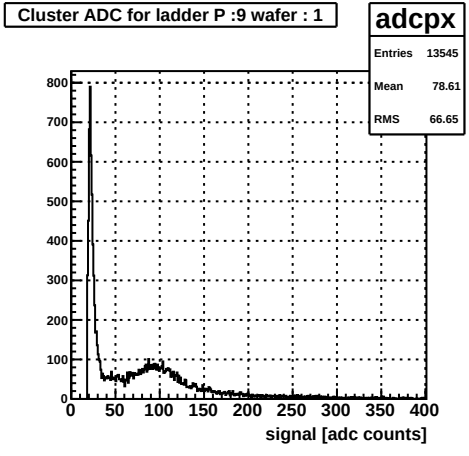

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

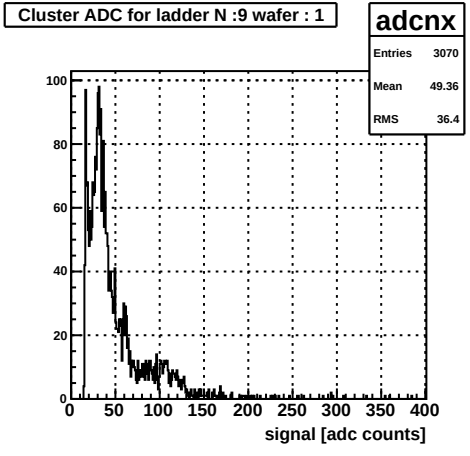

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

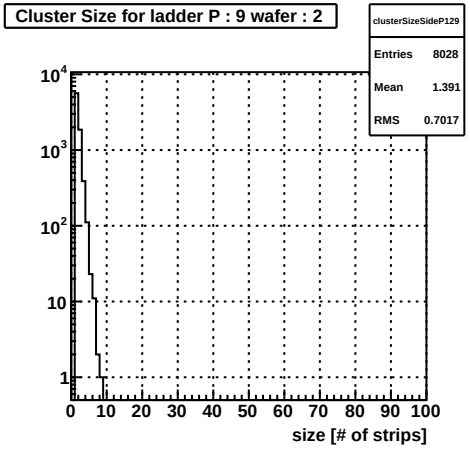

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 13545
Mean 1.37
RMS 0.689
size [# of strips]

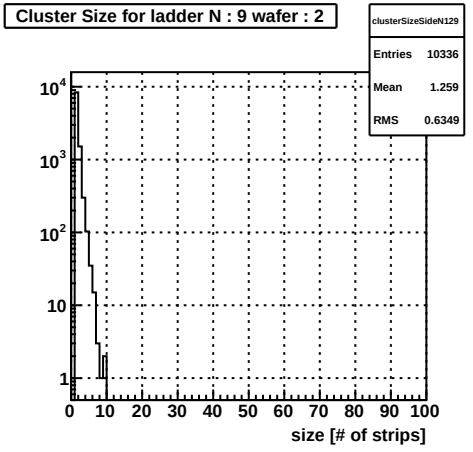

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3070
Mean 1.544
RMS 0.8534
size [# of strips]

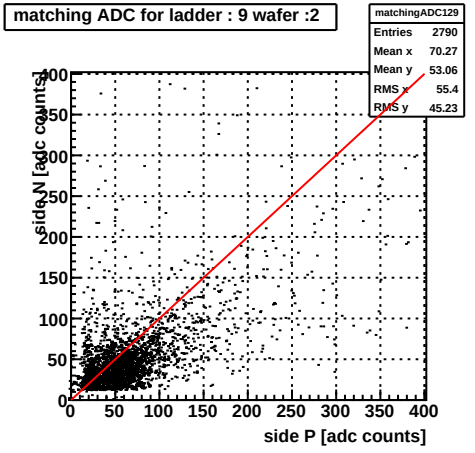

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 880
Mean x 71.47
Mean y 52.33
RMS x 50.81
RMS y 36.67
side N [adc counts]
side P [adc counts]

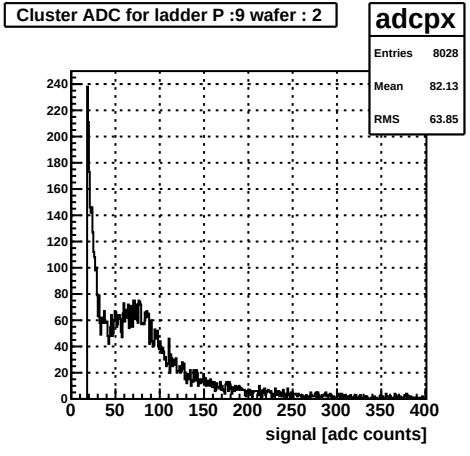

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 13545
Mean 78.61
RMS 66.65
signal [adc counts]

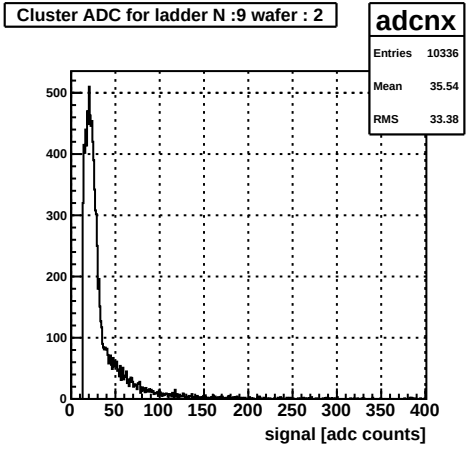

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3070
Mean 49.36
RMS 36.4
signal [adc counts]

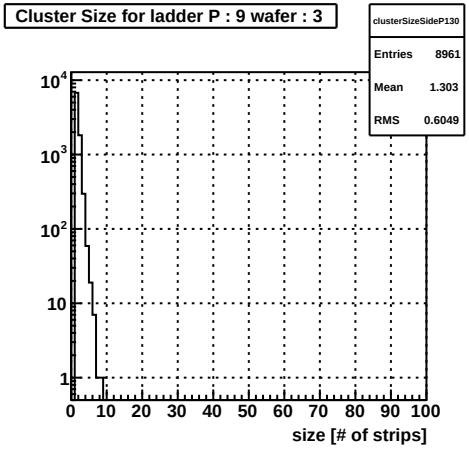

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 8028
Mean 1.391
RMS 0.7017
size [# of strips]

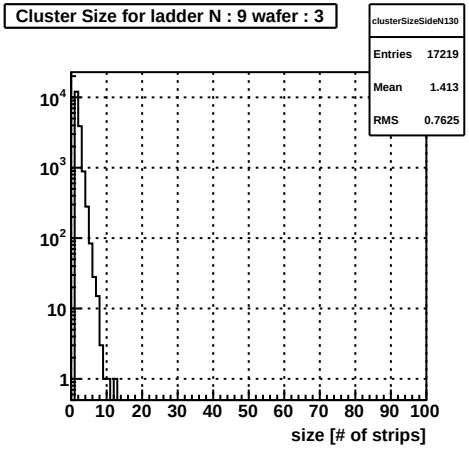

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 10336
Mean 1.259
RMS 0.6349
size [# of strips]

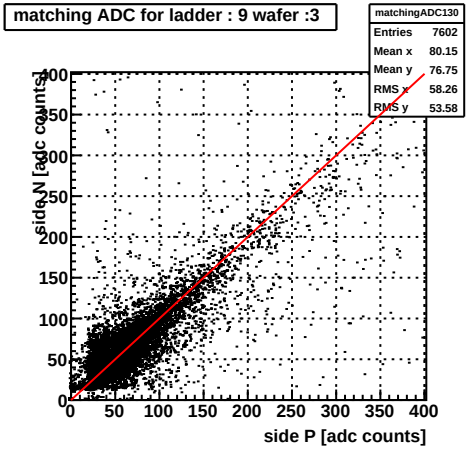

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2790
Mean x 70.27
Mean y 53.06
RMS x 55.4
RMS y 45.23
side N [adc counts]
side P [adc counts]

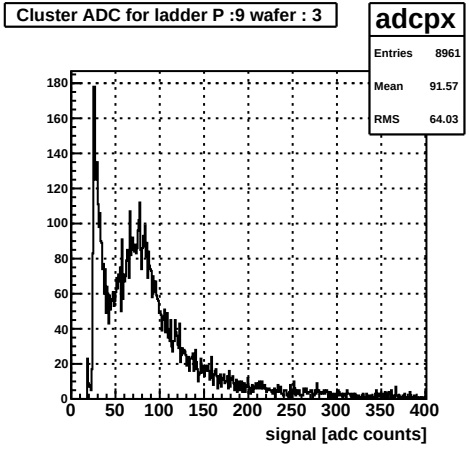

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 8028
Mean 82.13
RMS 63.85
signal [adc counts]

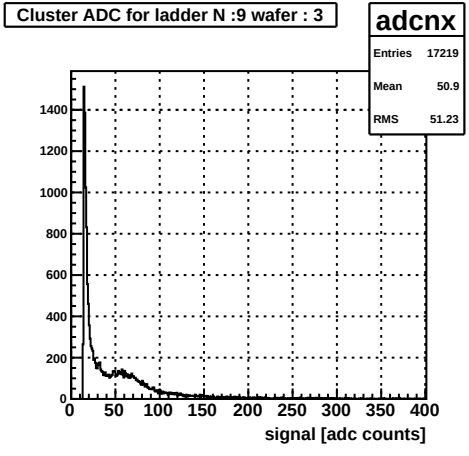

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 10336
Mean 35.54
RMS 33.38
signal [adc counts]

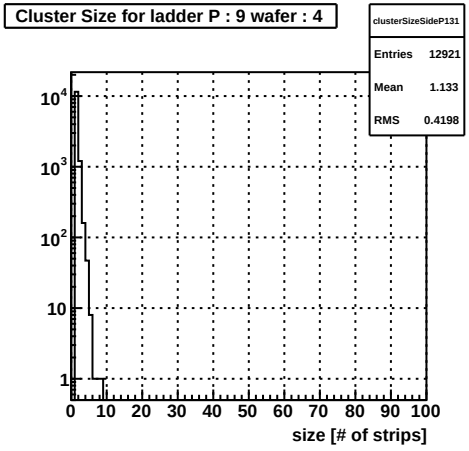

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 8961
Mean 1.303
RMS 0.6049
size [# of strips]

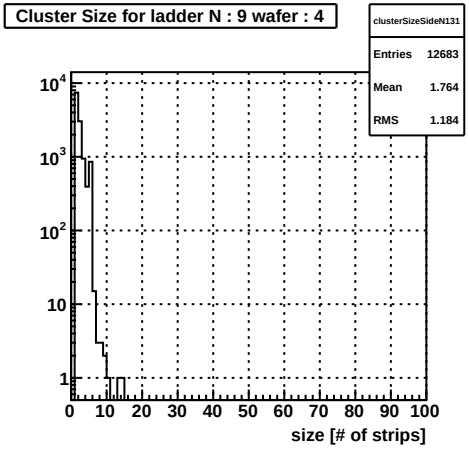

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 17219
Mean 1.413
RMS 0.7625
size [# of strips]

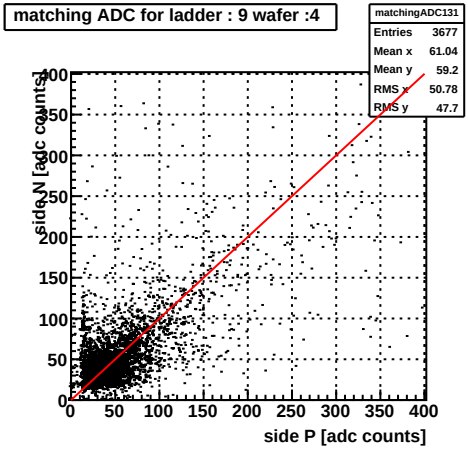

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 7602
Mean x 80.15
Mean y 76.75
RMS x 58.26
RMS y 53.58
side N [adc counts]
side P [adc counts]

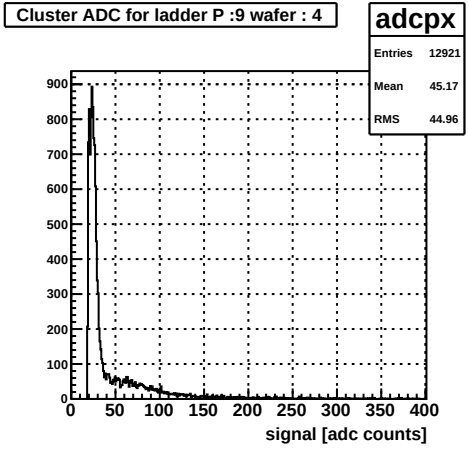

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 8961
Mean 91.57
RMS 64.03
signal [adc counts]

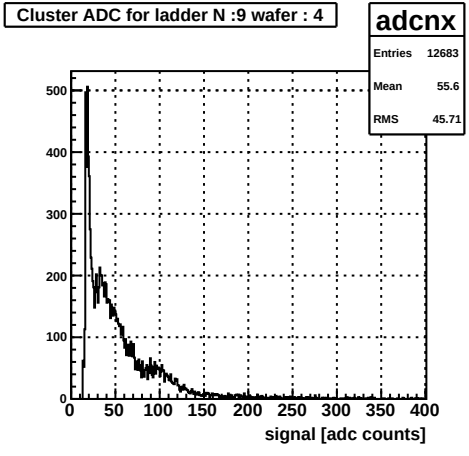

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 17219
Mean 50.9
RMS 51.23
signal [adc counts]

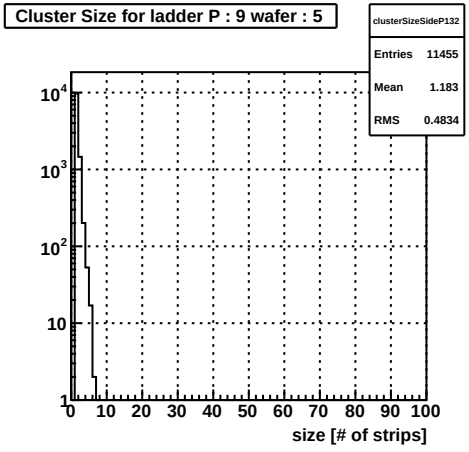

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 12921
Mean 1.133
RMS 0.4198
size [# of strips]

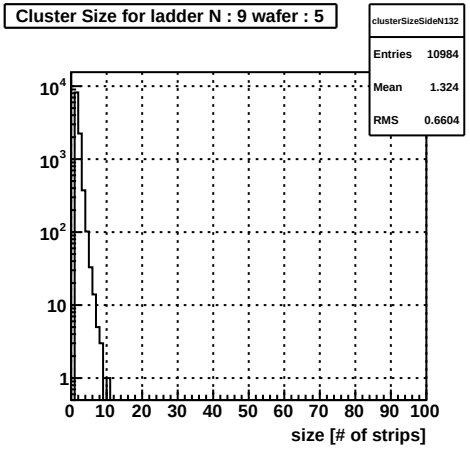

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 12683
Mean 1.764
RMS 1.184
size [# of strips]

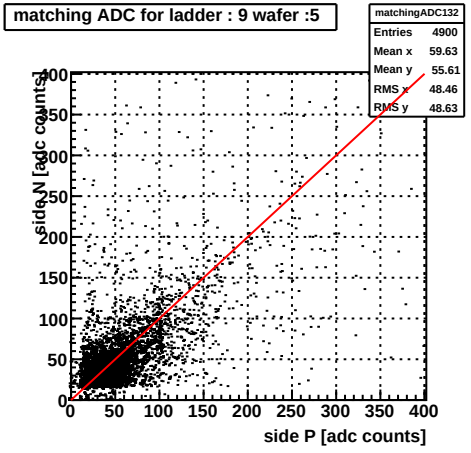

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 3677
Mean x 61.04
Mean y 59.2
RMS x 50.78
RMS y 47.7
side N [adc counts]
side P [adc counts]

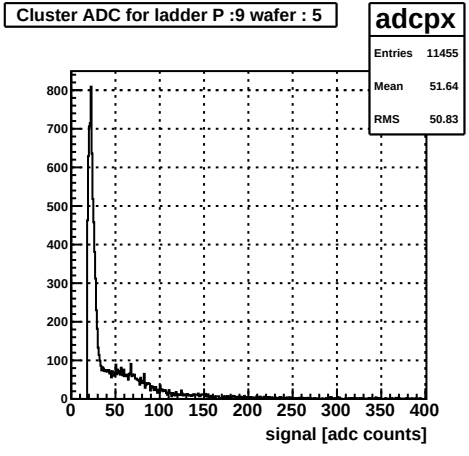

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 12921
Mean 45.17
RMS 44.96
signal [adc counts]

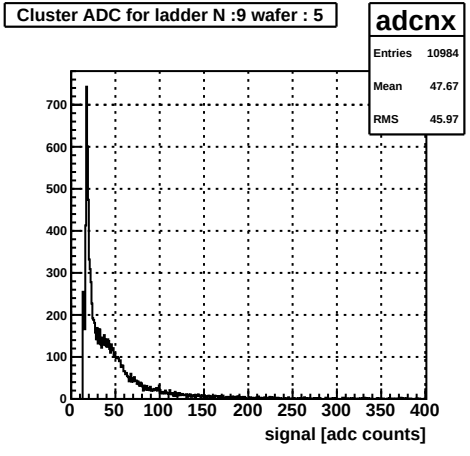

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 12683
Mean 55.6
RMS 45.71
signal [adc counts]

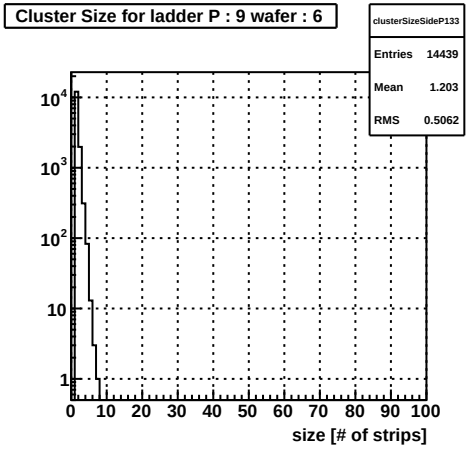

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 11455
Mean 1.183
RMS 0.4834
size [# of strips]

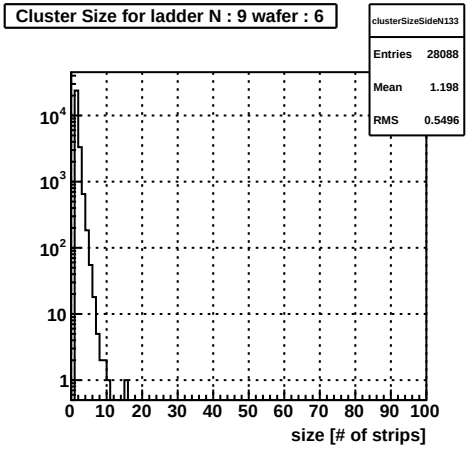

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 10984
Mean 1.324
RMS 0.6604
size [# of strips]

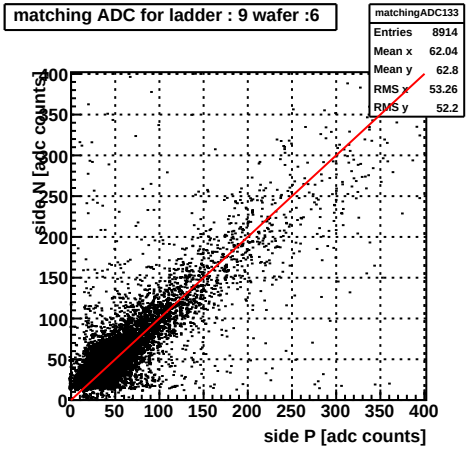

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 4900
Mean x 59.63
Mean y 55.61
RMS x 48.46
RMS y 48.63
side N [adc counts]
side P [adc counts]

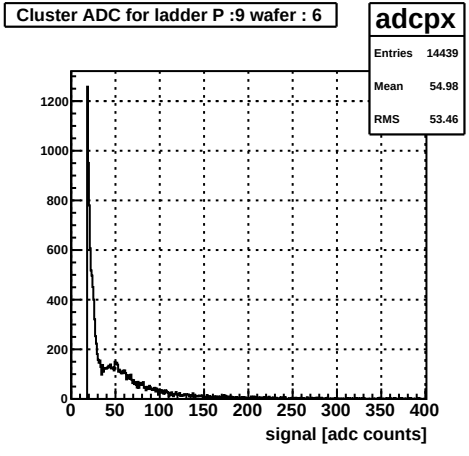

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 11455
Mean 51.64
RMS 50.83
signal [adc counts]

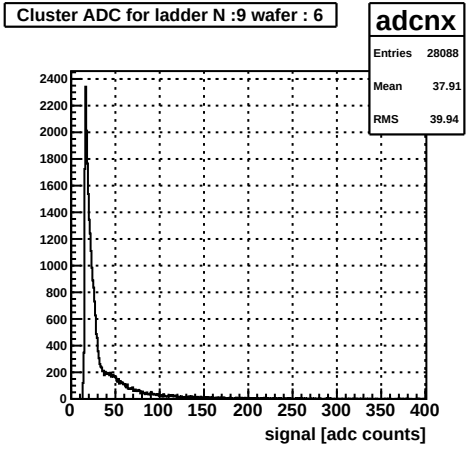

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 10984
Mean 47.67
RMS 45.97
signal [adc counts]

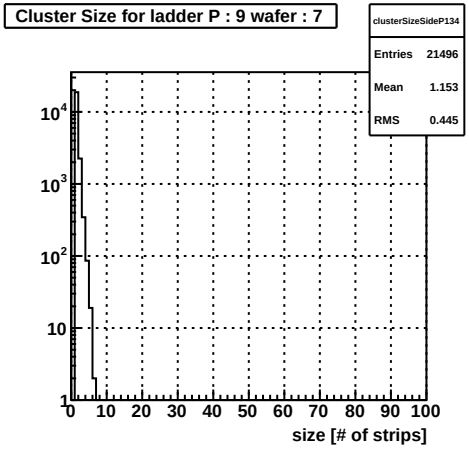

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 14439
Mean 1.203
RMS 0.5062
size [# of strips]

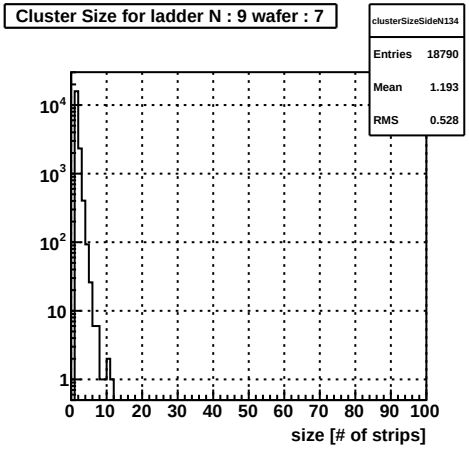

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 28088
Mean 1.198
RMS 0.5496
size [# of strips]

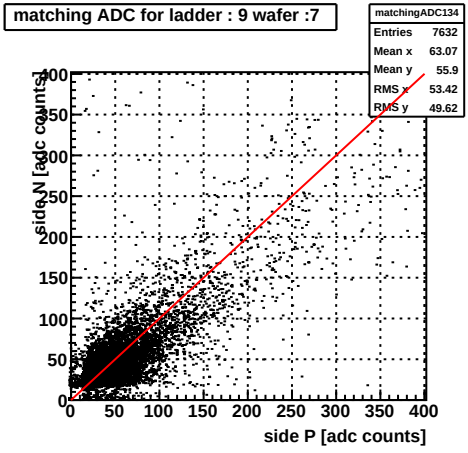

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 8914
Mean x 62.04
Mean y 62.8
RMS x 53.26
RMS y 52.2
side N [adc counts]
side P [adc counts]

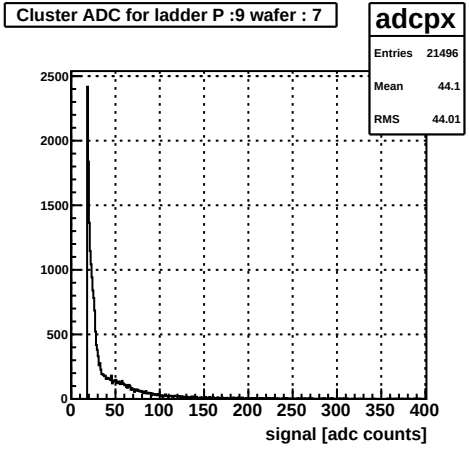

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 14439
Mean 54.98
RMS 53.46
signal [adc counts]

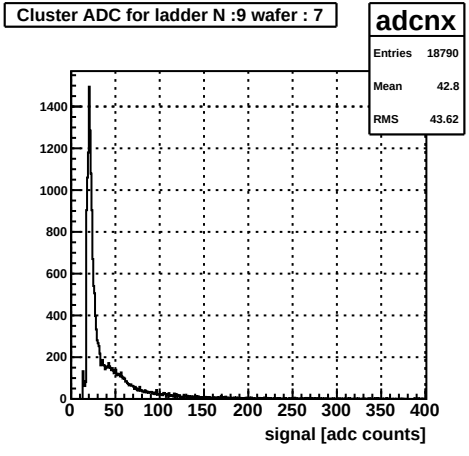

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 28088
Mean 37.91
RMS 39.94
signal [adc counts]

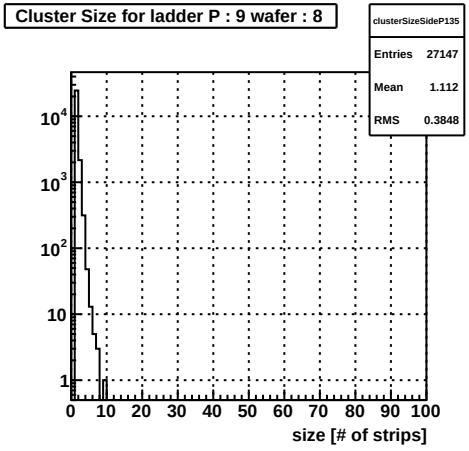

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 21496
Mean 1.153
RMS 0.445
size [# of strips]

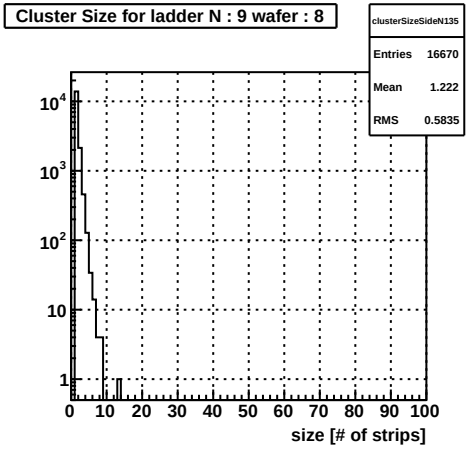

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 18790
Mean 1.193
RMS 0.528
size [# of strips]

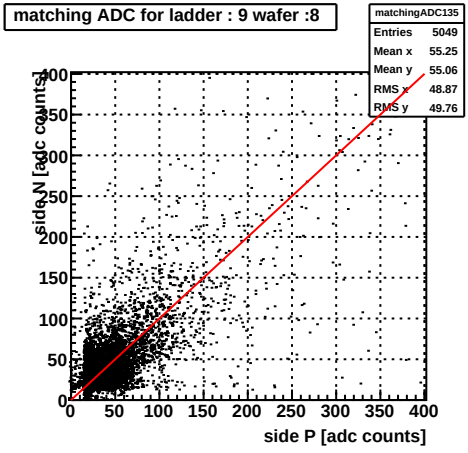

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 7632
Mean x 63.07
Mean y 55.9
RMS x 53.42
RMS y 49.62
side N [adc counts]
side P [adc counts]

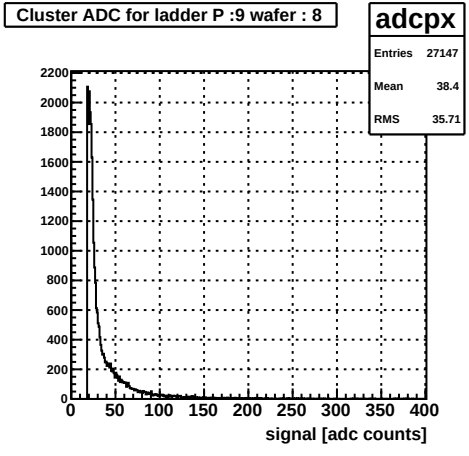

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 21496
Mean 44.1
RMS 44.01
signal [adc counts]

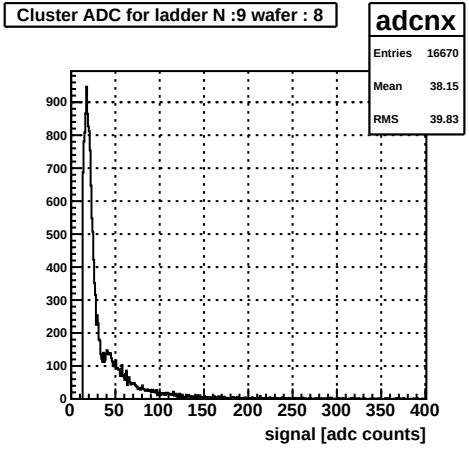

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 18790
Mean 42.8
RMS 43.62
signal [adc counts]

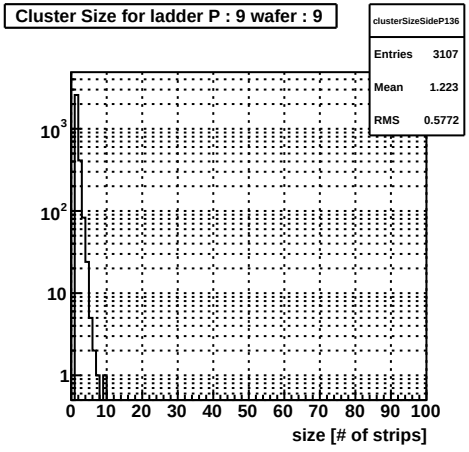

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 27147
Mean 1.112
RMS 0.3848
size [# of strips]

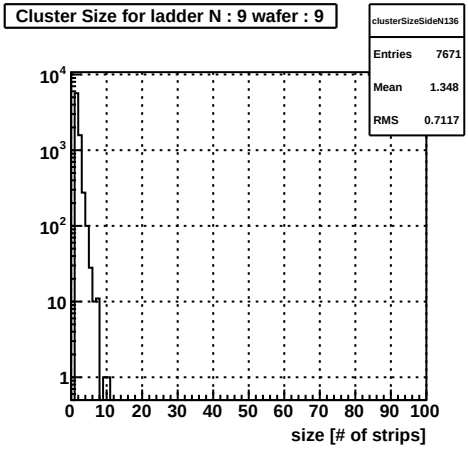

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 16670
Mean 1.222
RMS 0.5835
size [# of strips]

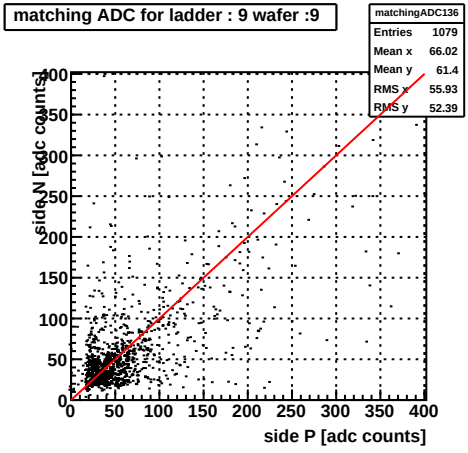

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 5049
Mean x 55.25
Mean y 55.06
RMS x 48.87
RMS y 49.76
side N [adc counts]
side P [adc counts]

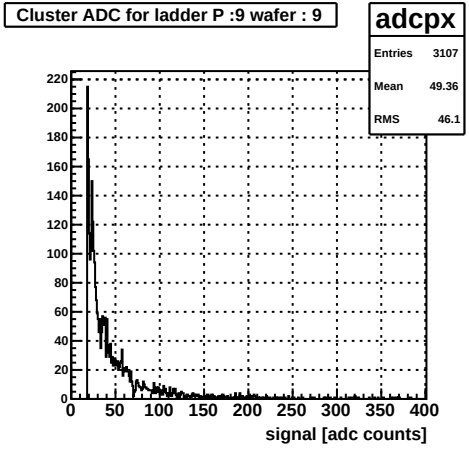

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 27147
Mean 38.4
RMS 35.71
signal [adc counts]

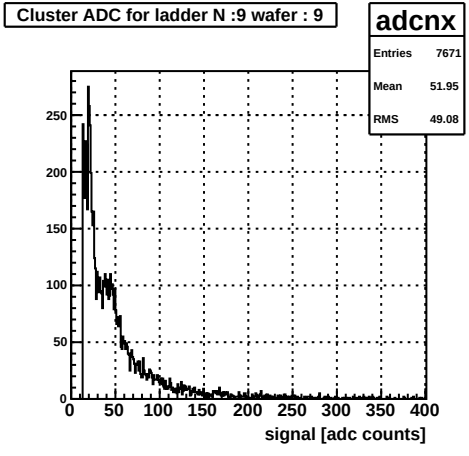

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 16670
Mean 38.15
RMS 39.83
signal [adc counts]

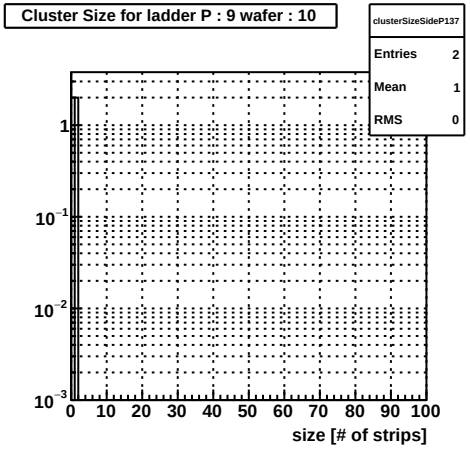

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 3107
Mean 1.223
RMS 0.5772
size [# of strips]

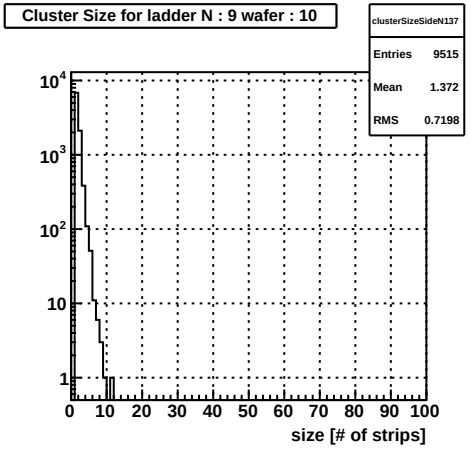

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 7671
Mean 1.348
RMS 0.7117
size [# of strips]

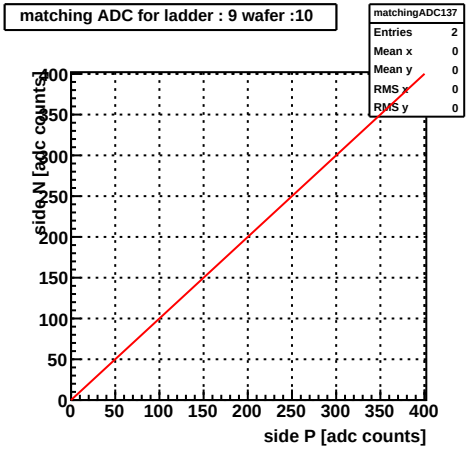

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1079
Mean x 66.02
Mean y 61.4
RMS x 55.93
RMS y 52.39
side N [adc counts]
side P [adc counts]

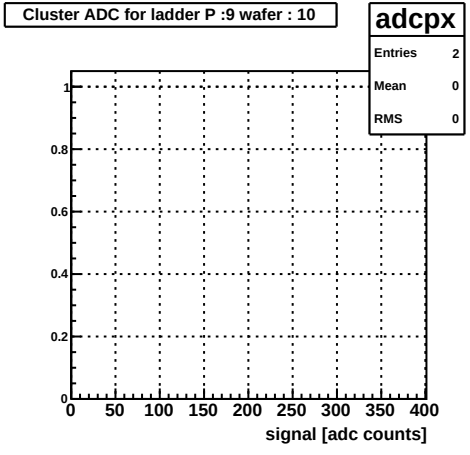

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 3107
Mean 49.36
RMS 46.1
signal [adc counts]

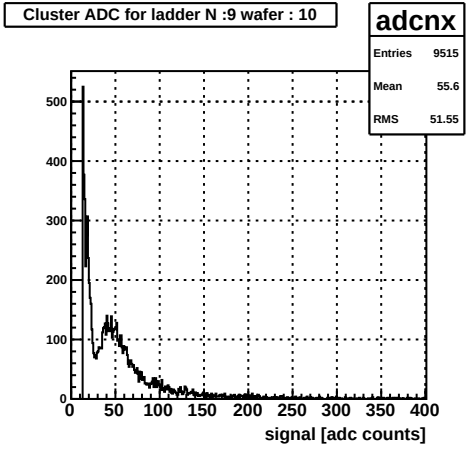

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 7671
Mean 51.95
RMS 49.08
signal [adc counts]

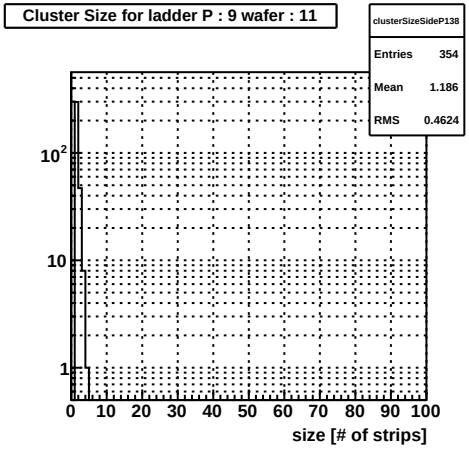

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 2
Mean 1
RMS 0
size [# of strips]

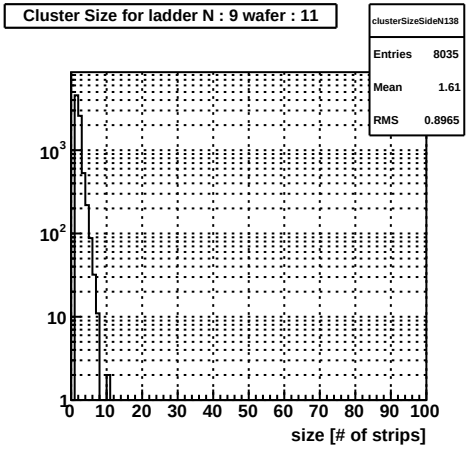

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 9515
Mean 1.372
RMS 0.7198
size [# of strips]

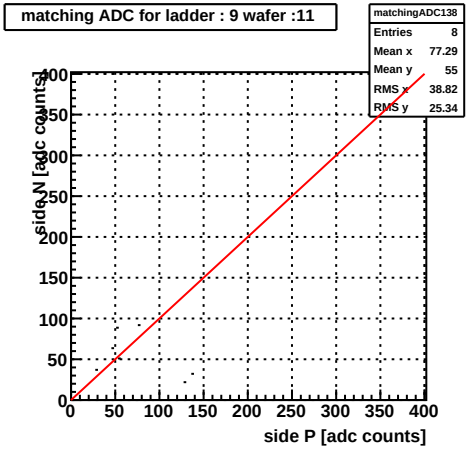

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

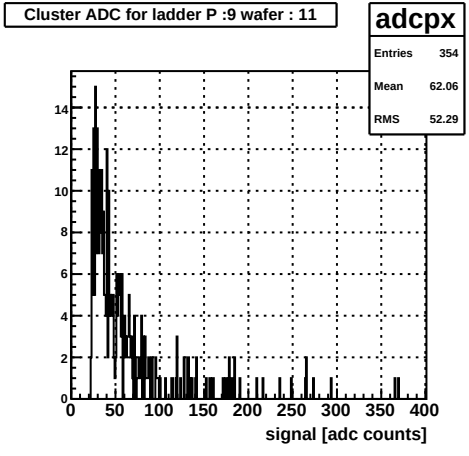

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

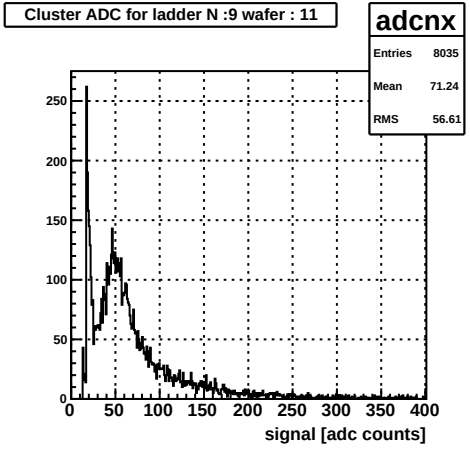

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 9515
Mean 55.6
RMS 51.55
signal [adc counts]

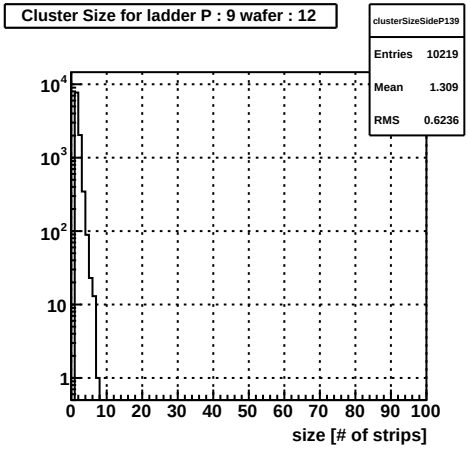

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 354
Mean 1.186
RMS 0.4624
size [# of strips]

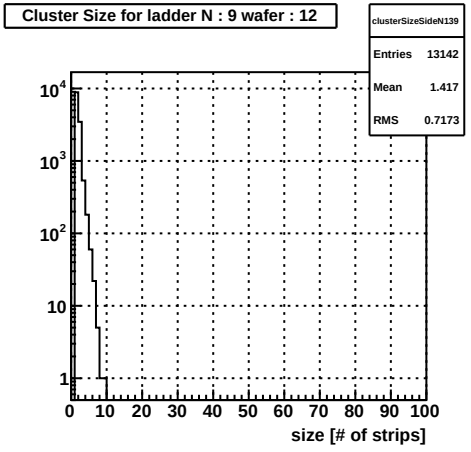

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 8035
Mean 1.61
RMS 0.8965
size [# of strips]

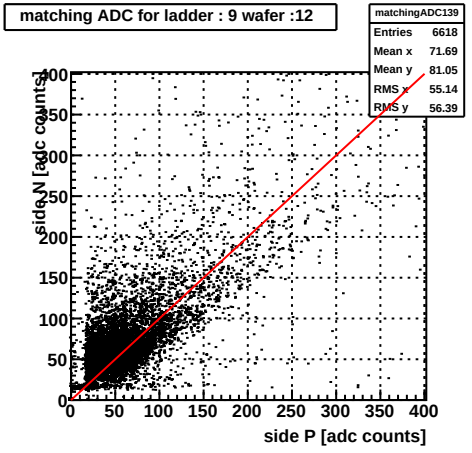

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 8
Mean x 77.29
Mean y 55
RMS x 38.82
RMS y 25.34
side N [adc counts]
side P [adc counts]

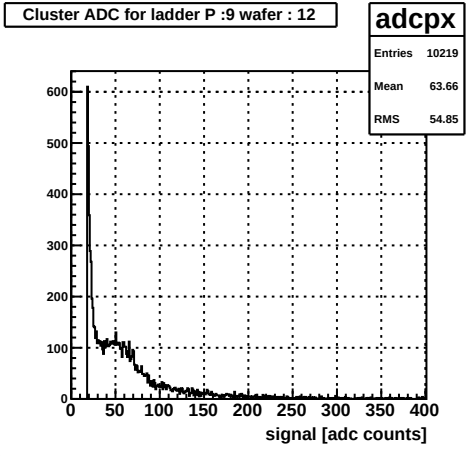

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 354
Mean 62.06
RMS 52.29
signal [adc counts]

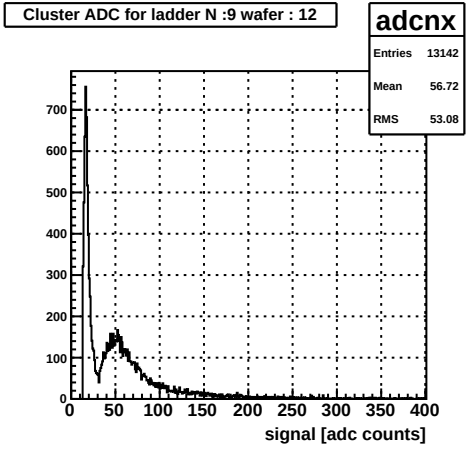

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 8035
Mean 71.24
RMS 56.61
signal [adc counts]

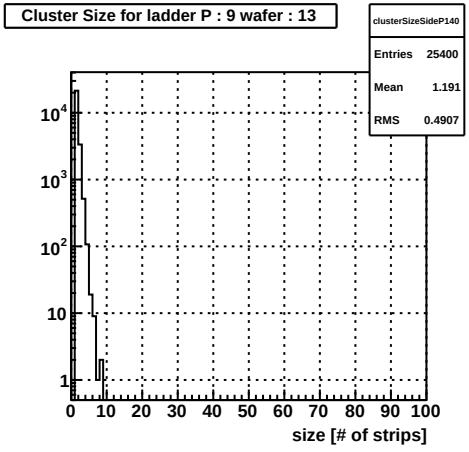

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 10219
Mean 1.309
RMS 0.6236
size [# of strips]

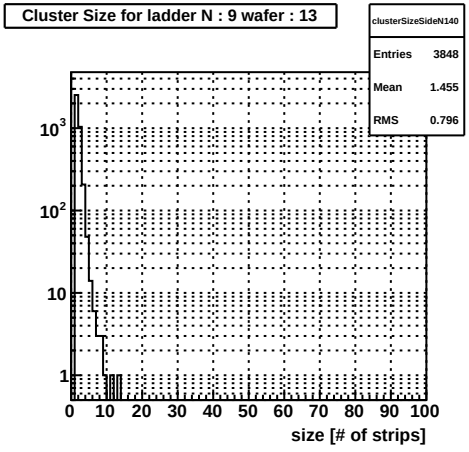

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 13142
Mean 1.417
RMS 0.7173
size [# of strips]

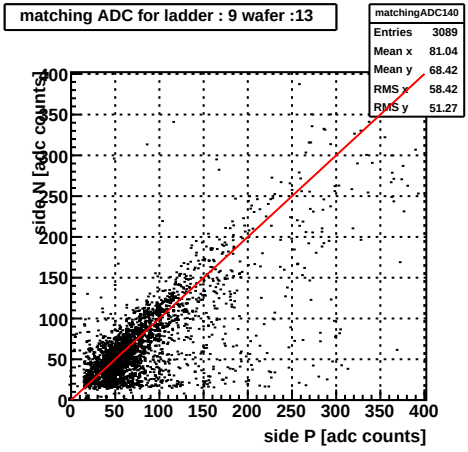

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 6618
Mean x 71.69
Mean y 81.05
RMS x 55.14
RMS y 56.39
side N [adc counts]
side P [adc counts]

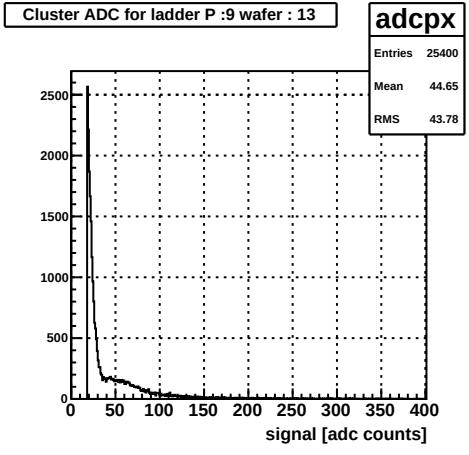

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 10219
Mean 63.66
RMS 54.85
signal [adc counts]

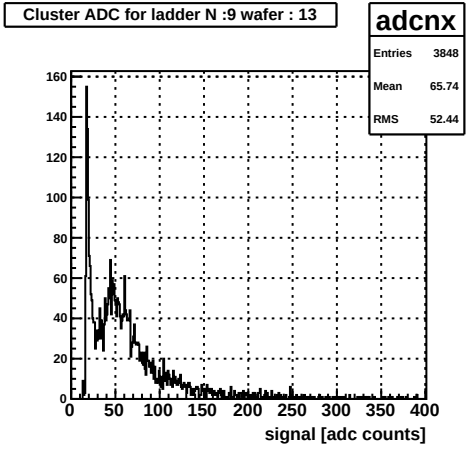

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 13142
Mean 56.72
RMS 53.08
signal [adc counts]

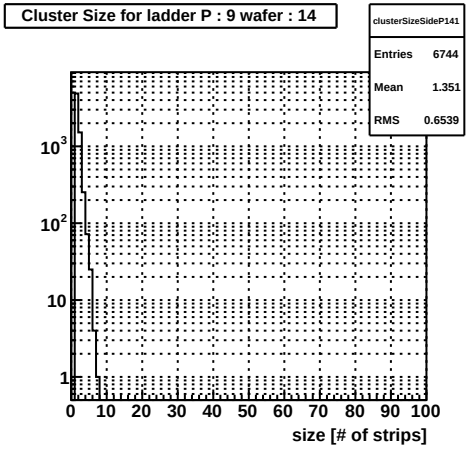

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 25400
Mean 1.191
RMS 0.4907
size [# of strips]

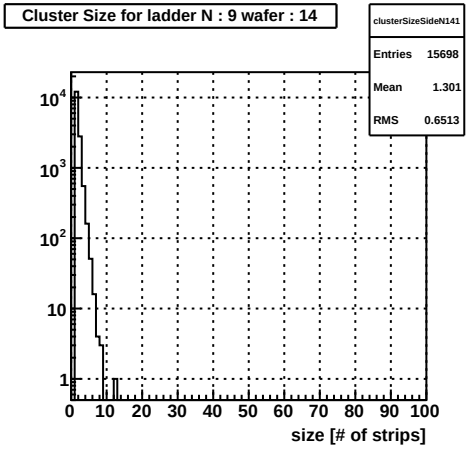

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 3848
Mean 1.455
RMS 0.796
size [# of strips]

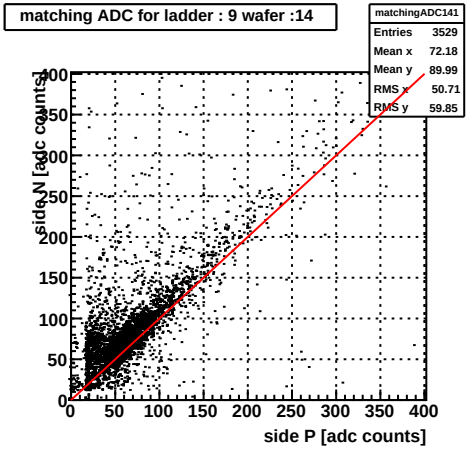

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 3089
Mean x 81.04
Mean y 68.42
RMS x 58.42
RMS y 51.27
side N [adc counts]
side P [adc counts]

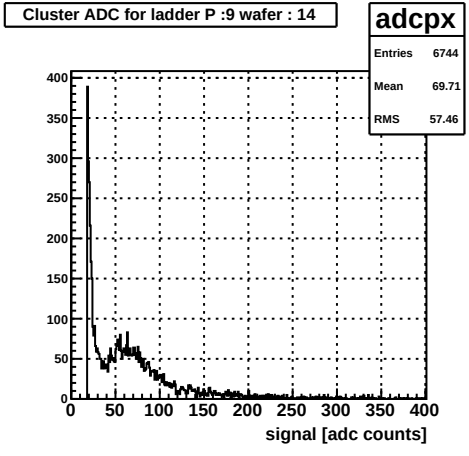

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 25400
Mean 44.65
RMS 43.78
signal [adc counts]

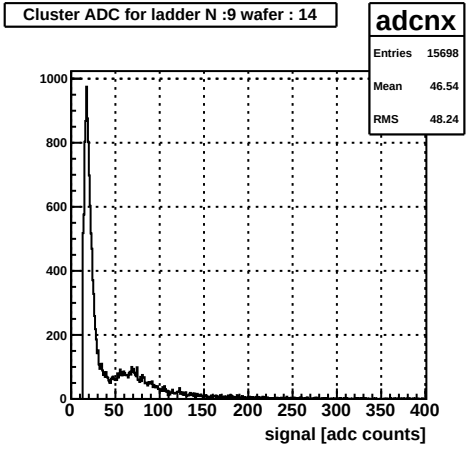

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 3848
Mean 65.74
RMS 52.44
signal [adc counts]

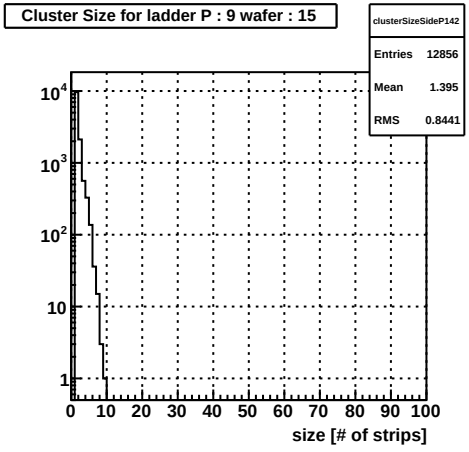

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 6744
Mean 1.351
RMS 0.6539
size [# of strips]

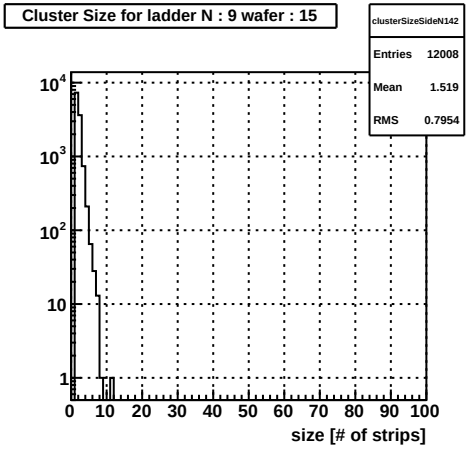

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 15698
Mean 1.301
RMS 0.6513
size [# of strips]

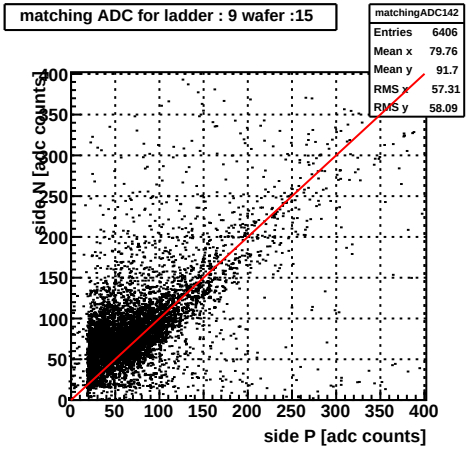

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 3529
Mean x 72.18
Mean y 89.99
RMS x 50.71
RMS y 59.85
side N [adc counts]
side P [adc counts]

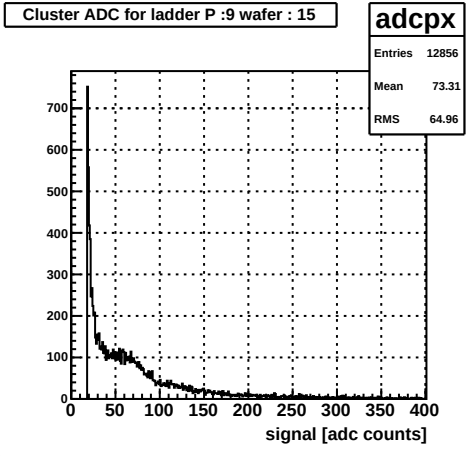

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 6744
Mean 69.71
RMS 57.46
signal [adc counts]

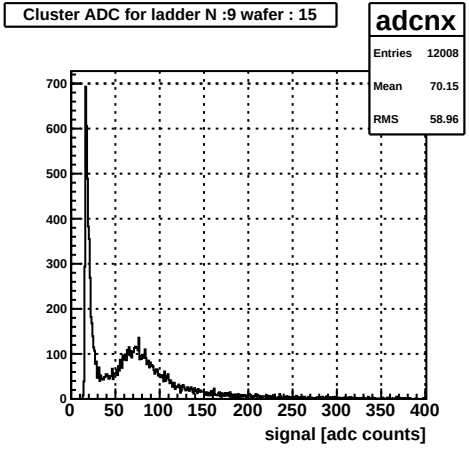

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 15698
Mean 46.54
RMS 48.24
signal [adc counts]

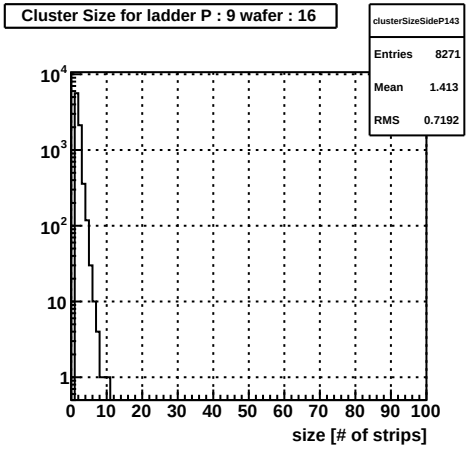

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 12856
Mean 1.395
RMS 0.8441
size [# of strips]

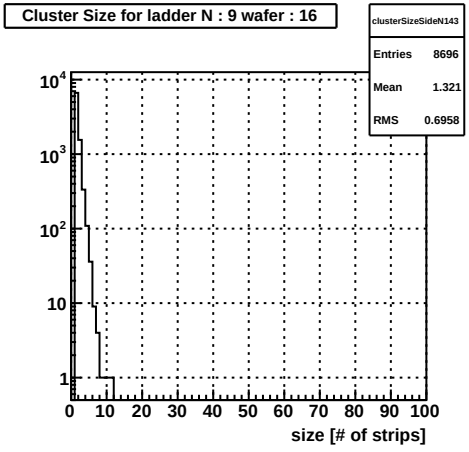

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 12008
Mean 1.519
RMS 0.7954
size [# of strips]

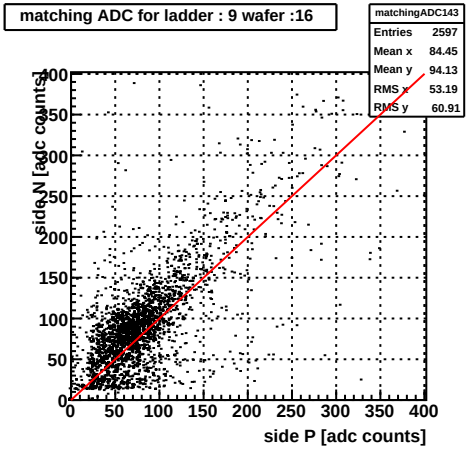

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 6406
Mean x 79.76
Mean y 91.7
RMS x 57.31
RMS y 58.09
side N [adc counts]
side P [adc counts]

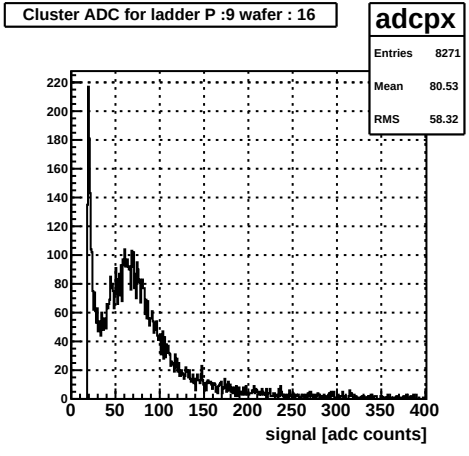

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 12856
Mean 73.31
RMS 64.96
signal [adc counts]

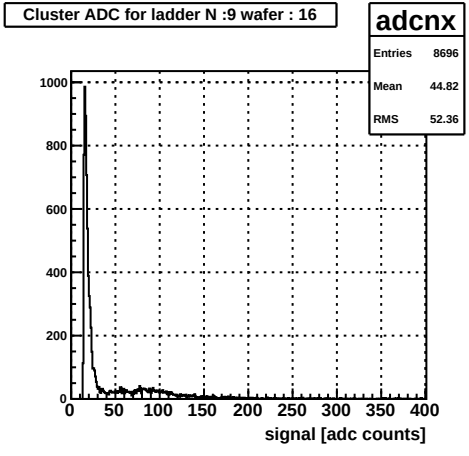

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 12008
Mean 70.15
RMS 58.96
signal [adc counts]

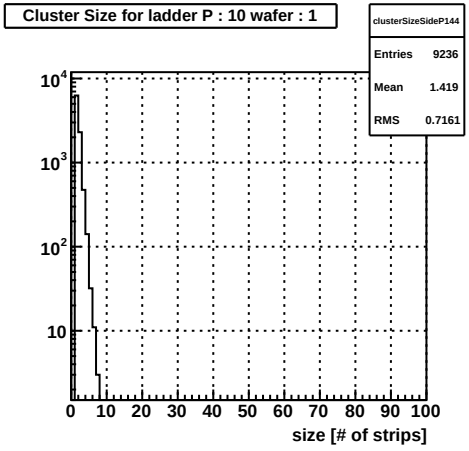

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 8271
Mean 1.413
RMS 0.7192
size [# of strips]

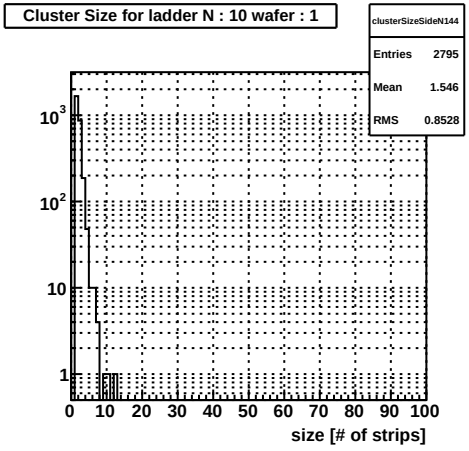

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 8696
Mean 1.321
RMS 0.6958
size [# of strips]

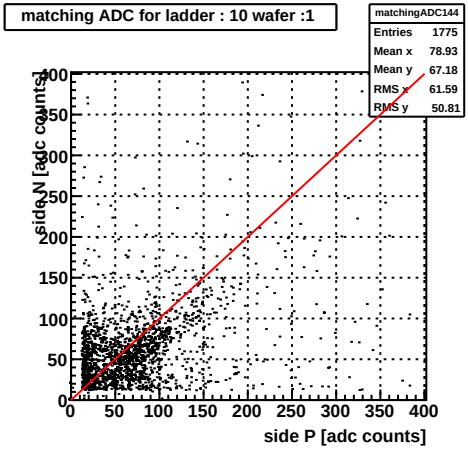

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2597
Mean x 84.45
Mean y 94.13
RMS x 53.19
RMS y 60.91
side N [adc counts]
side P [adc counts]

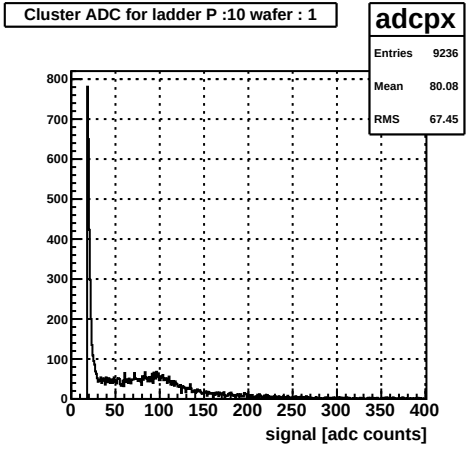

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 8271
Mean 80.53
RMS 58.32
signal [adc counts]

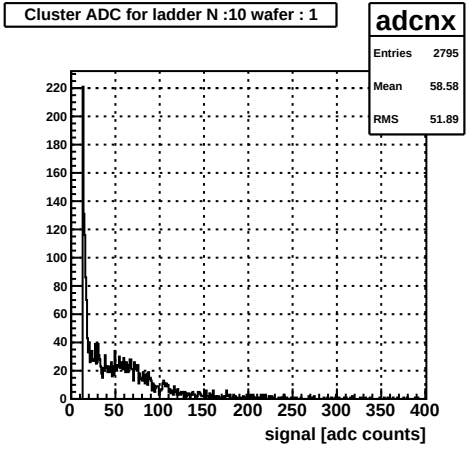

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 8696
Mean 44.82
RMS 52.36
signal [adc counts]

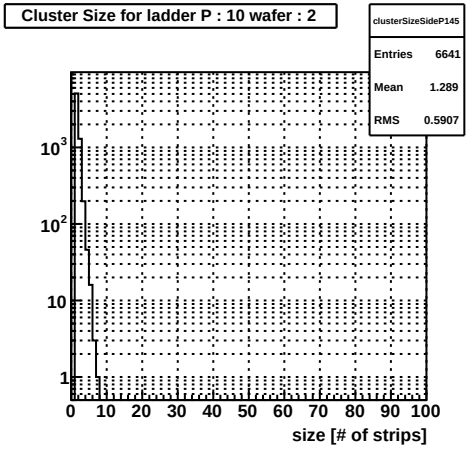

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 9236
Mean 1.419
RMS 0.7161
size [# of strips]

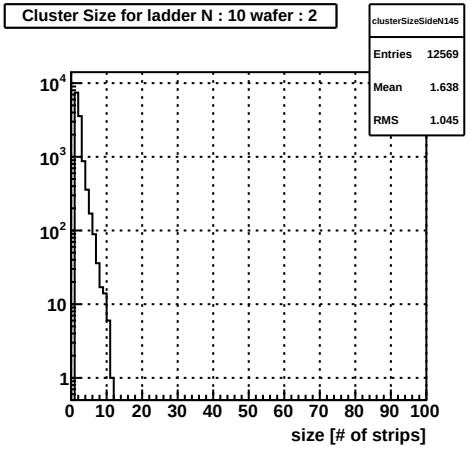

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 2795
Mean 1.546
RMS 0.8528
size [# of strips]

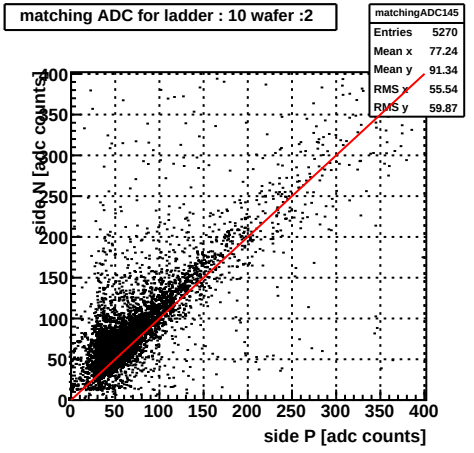

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 1775
Mean x 78.93
Mean y 67.18
RMS x 61.59
RMS y 50.81
side N [adc counts]
side P [adc counts]

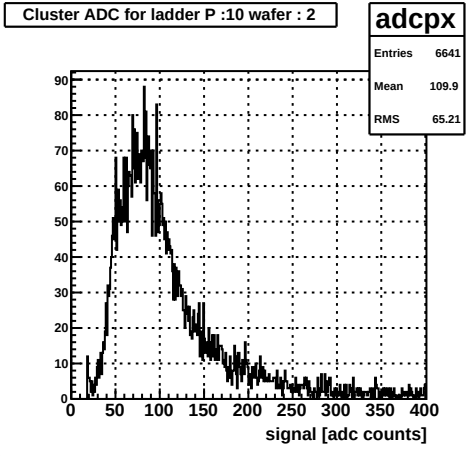

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 9236
Mean 80.08
RMS 67.45
signal [adc counts]

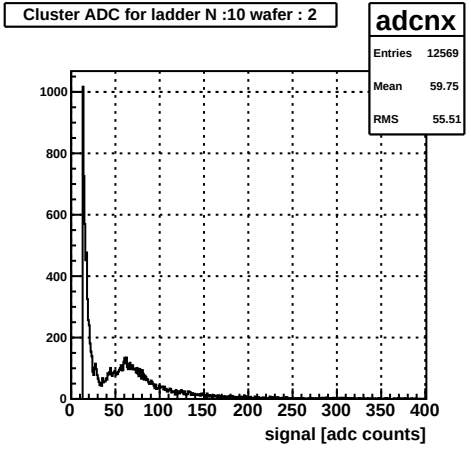

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 2795
Mean 58.58
RMS 51.89
signal [adc counts]

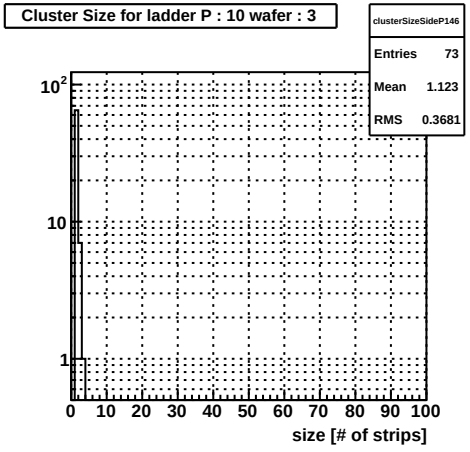

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 6641
Mean 1.289
RMS 0.5907
size [# of strips]

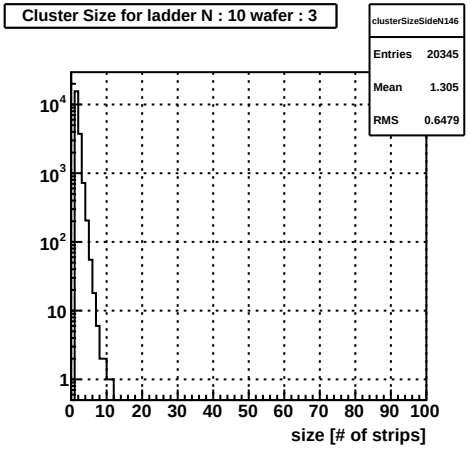

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 12569
Mean 1.638
RMS 1.045
size [# of strips]

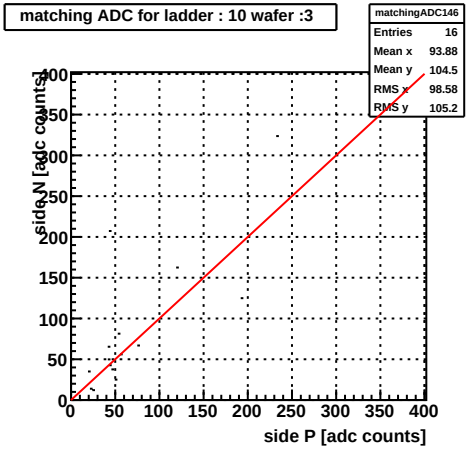

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 5270
Mean x 77.24
Mean y 91.34
RMS x 55.54
RMS y 59.87
side N [adc counts]
side P [adc counts]

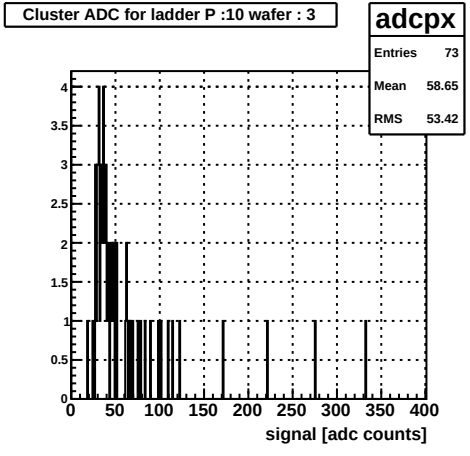

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 6641
Mean 109.9
RMS 65.21
signal [adc counts]

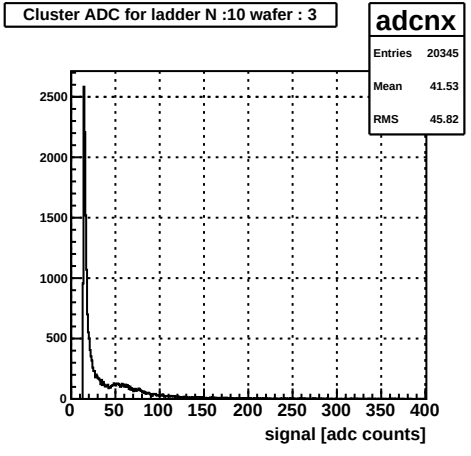

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 12569
Mean 59.75
RMS 55.51
signal [adc counts]

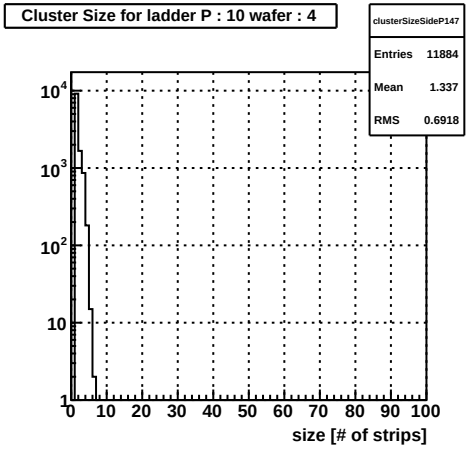

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 73
Mean 1.123
RMS 0.3681
size [# of strips]

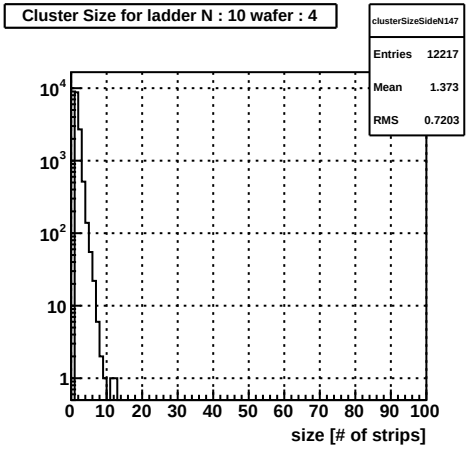

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 20345
Mean 1.305
RMS 0.6479
size [# of strips]

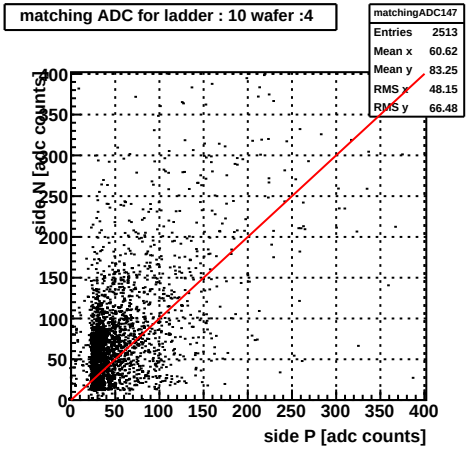

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 16
Mean x 93.88
Mean y 104.5
RMS x 98.58
RMS y 105.2
side N [adc counts]
side P [adc counts]

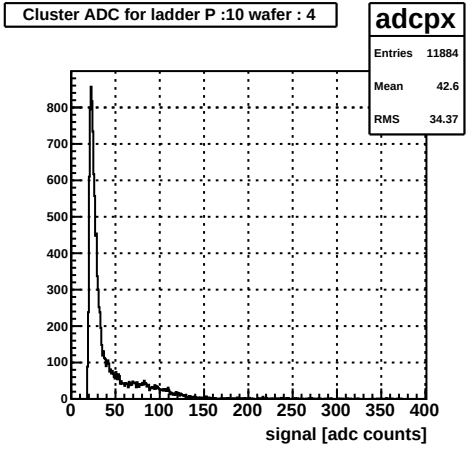

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 73
Mean 58.65
RMS 53.42
signal [adc counts]

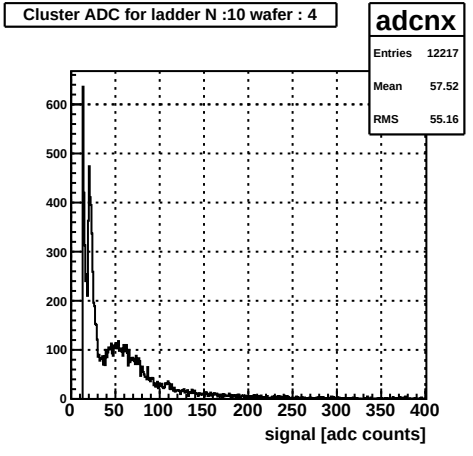

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 20345
Mean 41.53
RMS 45.82
signal [adc counts]

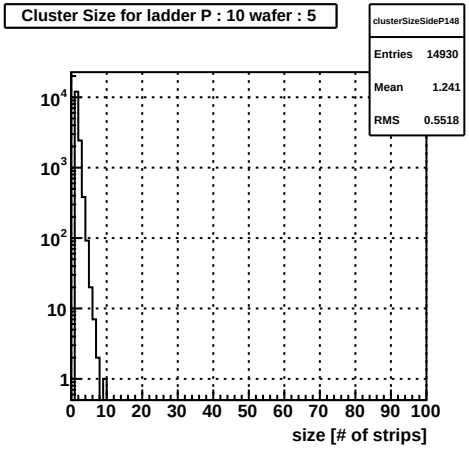

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 11884
Mean 1.337
RMS 0.6918
size [# of strips]

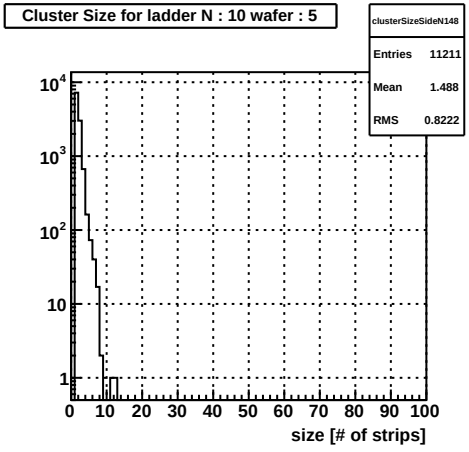

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 12217
Mean 1.373
RMS 0.7203
size [# of strips]

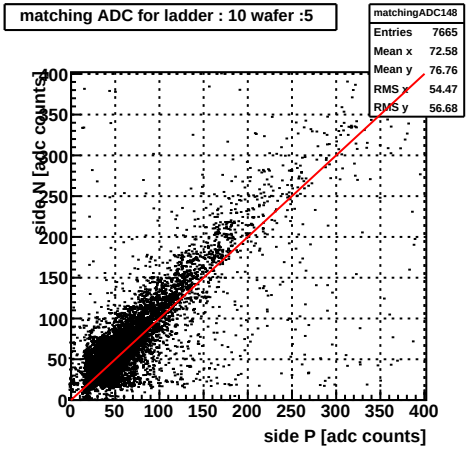

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 2513
Mean x 60.62
Mean y 83.25
RMS x 48.15
RMS y 66.48
side N [adc counts]
side P [adc counts]

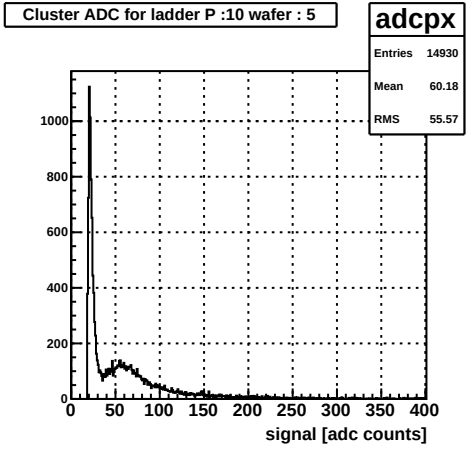

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 11884
Mean 42.6
RMS 34.37
signal [adc counts]

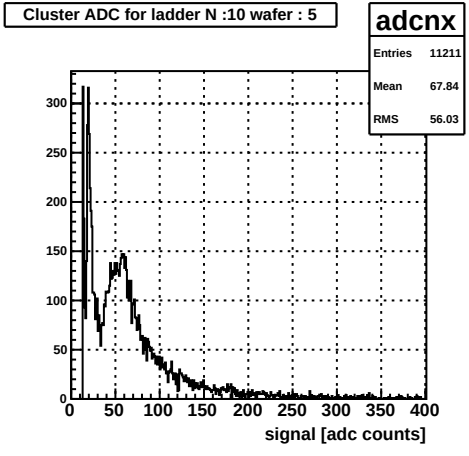

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 12217
Mean 57.52
RMS 55.16
signal [adc counts]

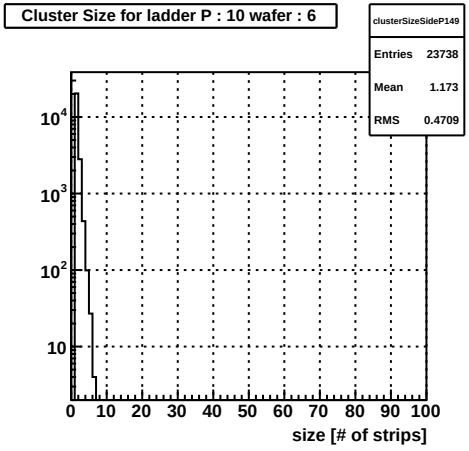

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 14930
Mean 1.241
RMS 0.5518
size [# of strips]

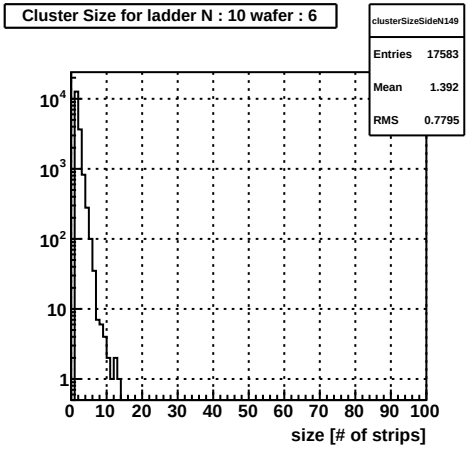

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 11211
Mean 1.488
RMS 0.8222
size [# of strips]

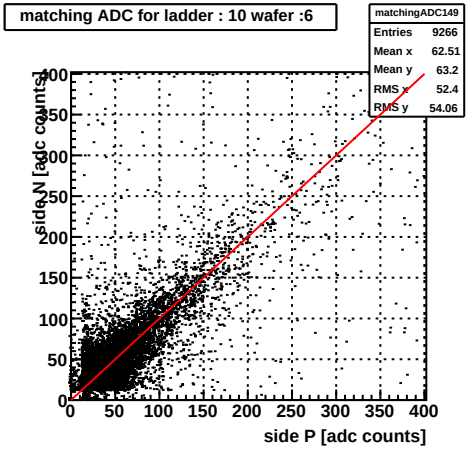

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 7665
Mean x 72.58
Mean y 76.76
RMS x 54.47
RMS y 56.68
side N [adc counts]
side P [adc counts]

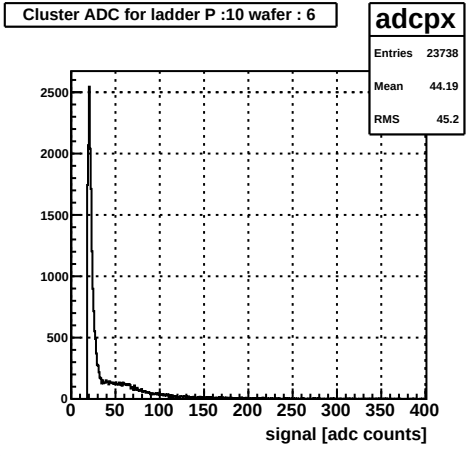

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 14930
Mean 60.18
RMS 55.57
signal [adc counts]

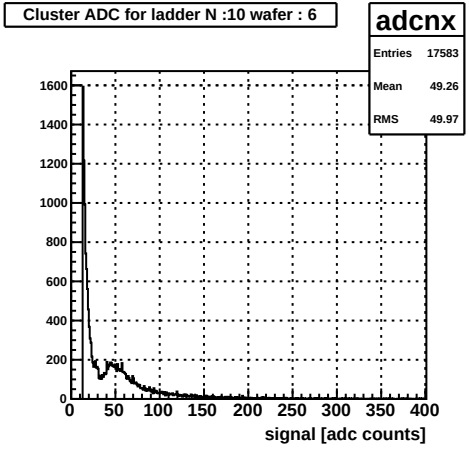

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 11211
Mean 67.84
RMS 56.03
signal [adc counts]

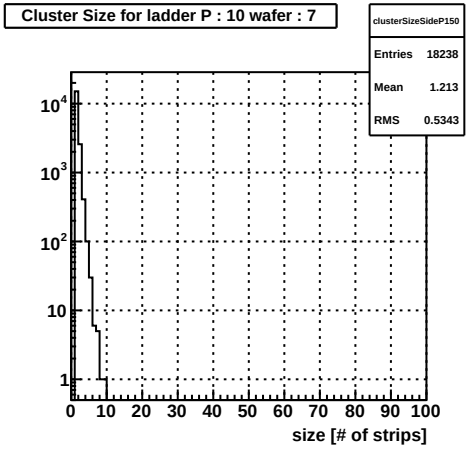

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 23738
Mean 1.173
RMS 0.4709
size [# of strips]

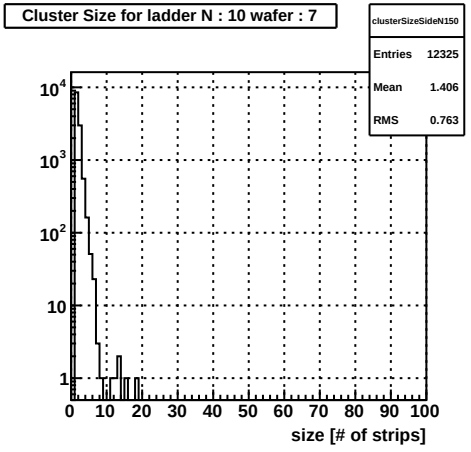

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 17583
Mean 1.392
RMS 0.7795
size [# of strips]

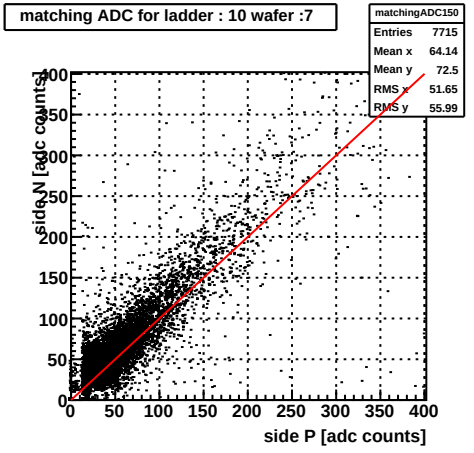

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 9266
Mean x 62.51
Mean y 63.2
RMS x 52.4
RMS y 54.06
side N [adc counts]
side P [adc counts]

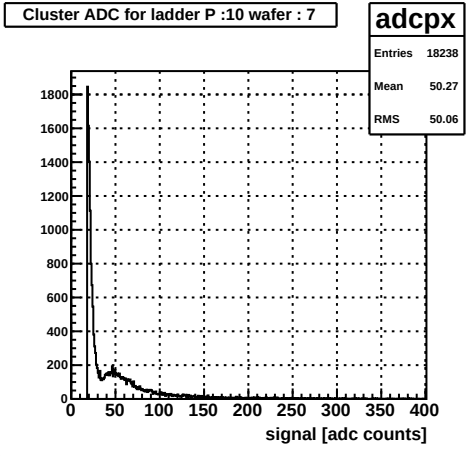

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 23738
Mean 44.19
RMS 45.2
signal [adc counts]

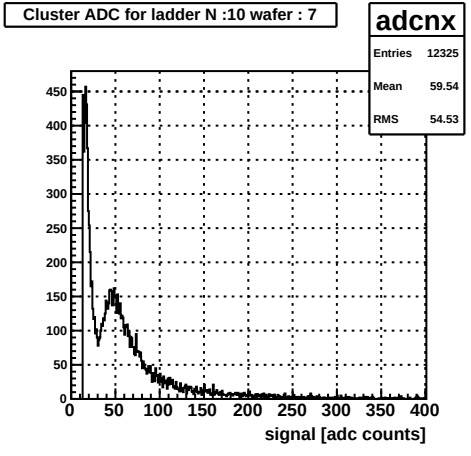

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 17583
Mean 49.26
RMS 49.97
signal [adc counts]

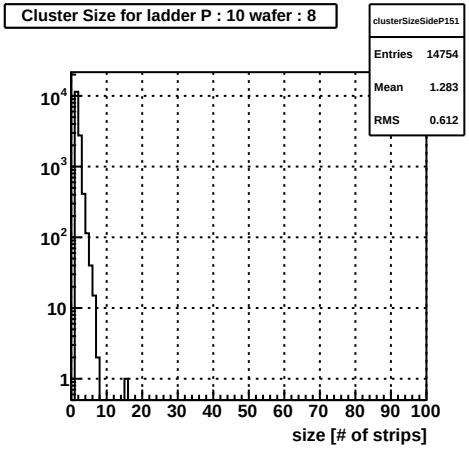

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 18238
Mean 1.213
RMS 0.5343
size [# of strips]

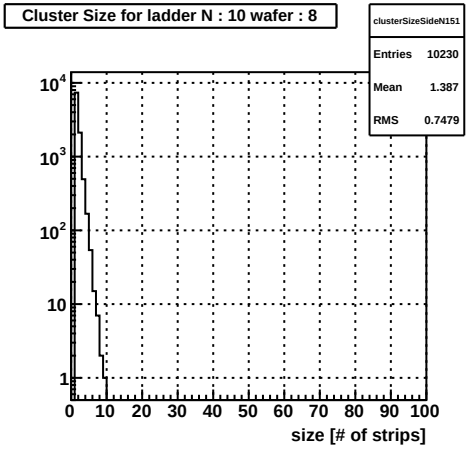

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 12325
Mean 1.406
RMS 0.763
size [# of strips]

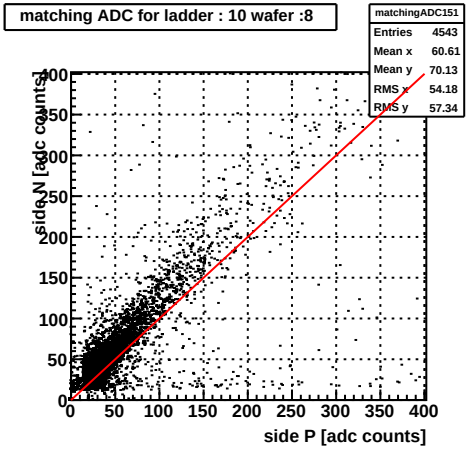

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 7715
Mean x 64.14
Mean y 72.5
RMS x 51.65
RMS y 55.99
side N [adc counts]
side P [adc counts]

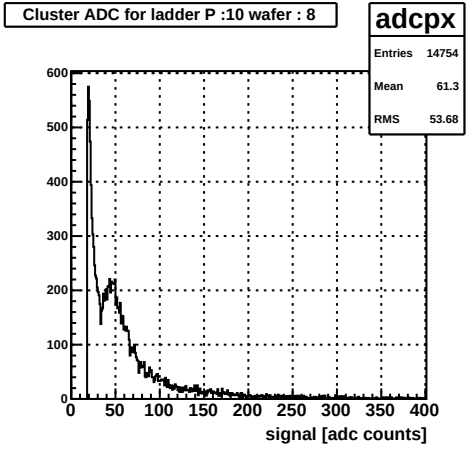

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 18238
Mean 50.27
RMS 50.06
signal [adc counts]

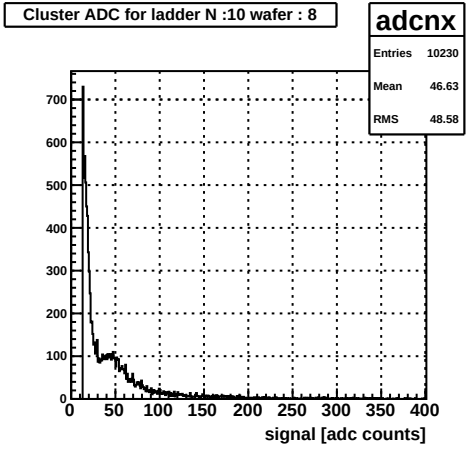

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 12325
Mean 59.54
RMS 54.53
signal [adc counts]

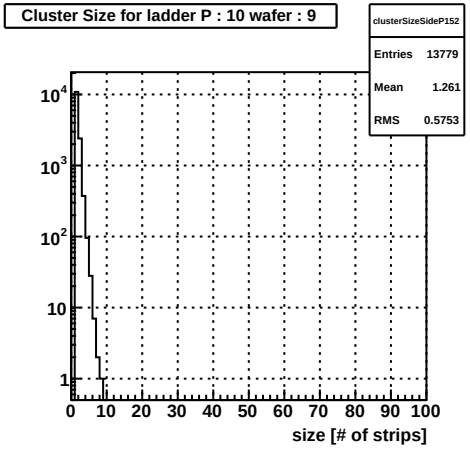

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 14754
Mean 1.283
RMS 0.612
size [# of strips]

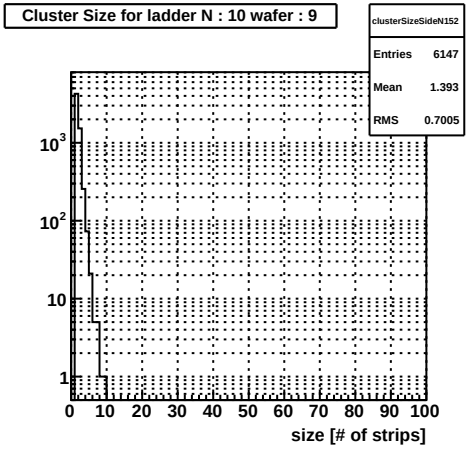

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 10230
Mean 1.387
RMS 0.7479
size [# of strips]

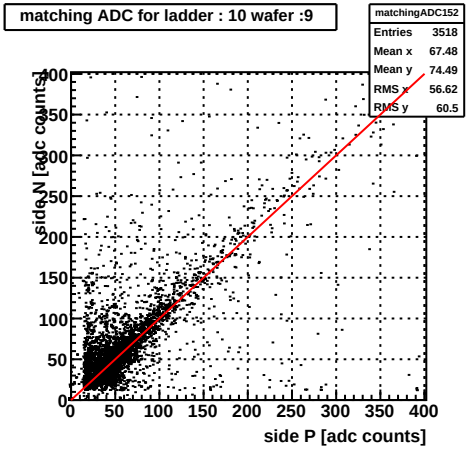

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 4543
Mean x 60.61
Mean y 70.13
RMS x 54.18
RMS y 57.34
side N [adc counts]
side P [adc counts]

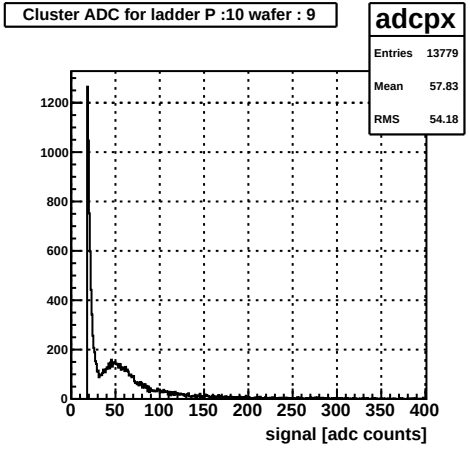

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 14754
Mean 61.3
RMS 53.68
signal [adc counts]

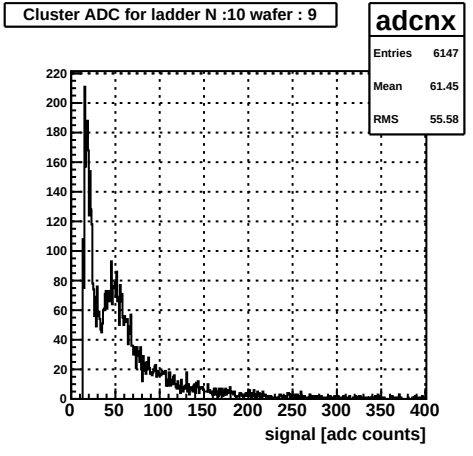

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 10230
Mean 46.63
RMS 48.58
signal [adc counts]

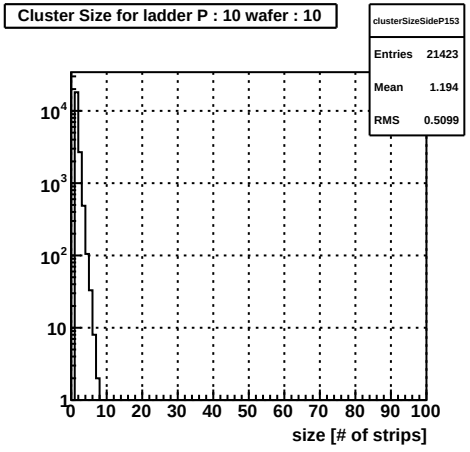

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 13779
Mean 1.261
RMS 0.5753
size [# of strips]

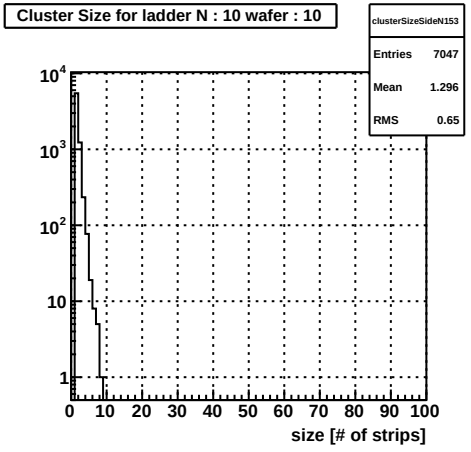

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 6147
Mean 1.393
RMS 0.7005
size [# of strips]

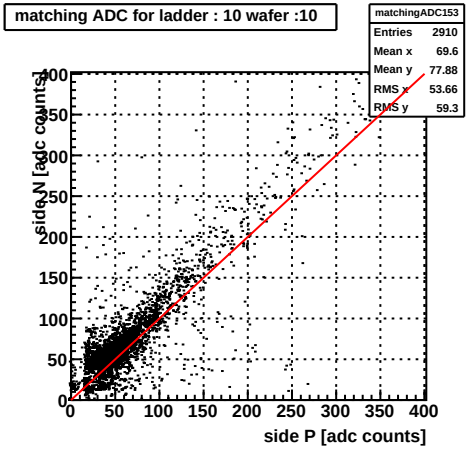

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3518
Mean x 67.48
Mean y 74.49
RMS x 56.62
RMS y 60.5
side N [adc counts]
side P [adc counts]

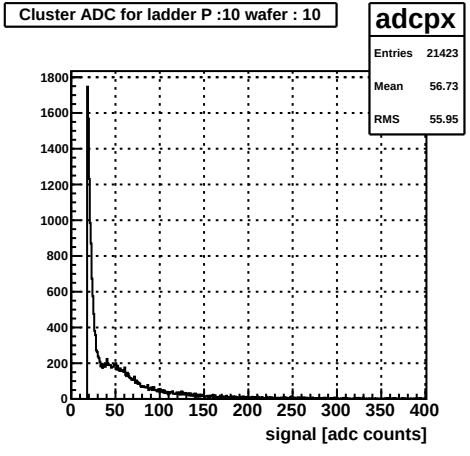

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 13779
Mean 57.83
RMS 54.18
signal [adc counts]

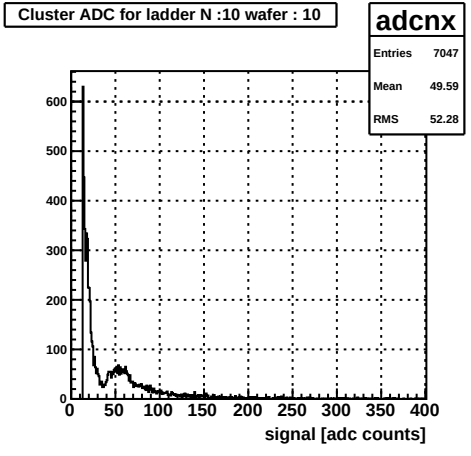

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 6147
Mean 61.45
RMS 55.58
signal [adc counts]

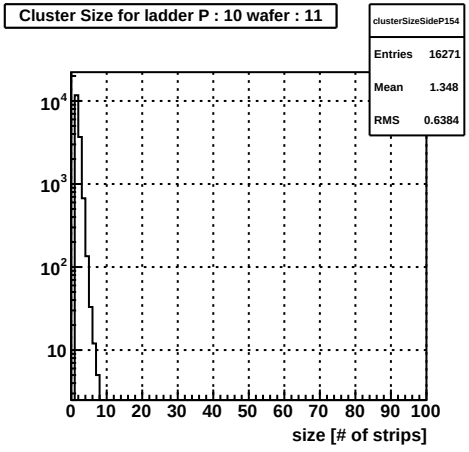

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 21423
Mean 1.194
RMS 0.5099
size [# of strips]

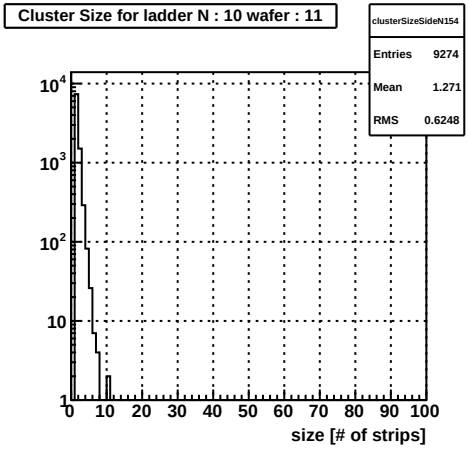

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 7047
Mean 1.296
RMS 0.65
size [# of strips]

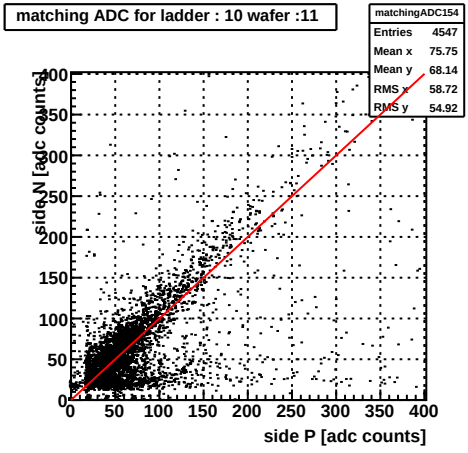

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 2910
Mean x 69.6
Mean y 77.88
RMS x 53.66
RMS y 59.3
side N [adc counts]
side P [adc counts]

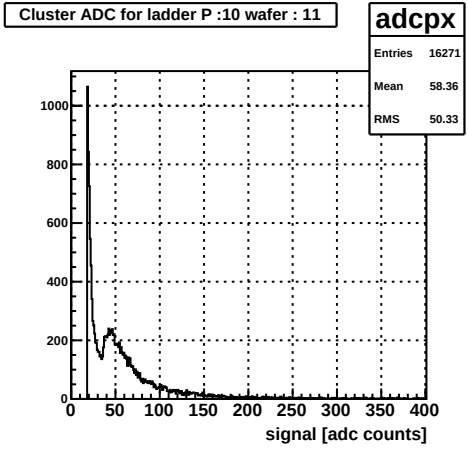

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 21423
Mean 56.73
RMS 55.95
signal [adc counts]

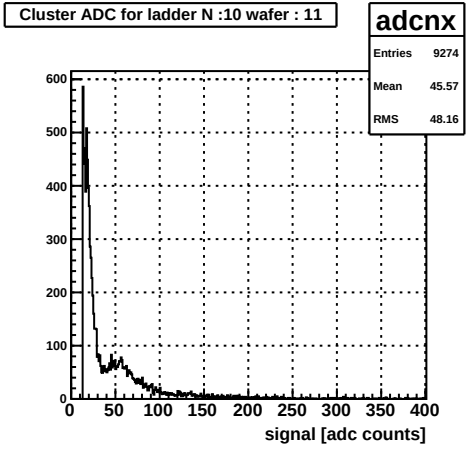

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 7047
Mean 49.59
RMS 52.28
signal [adc counts]

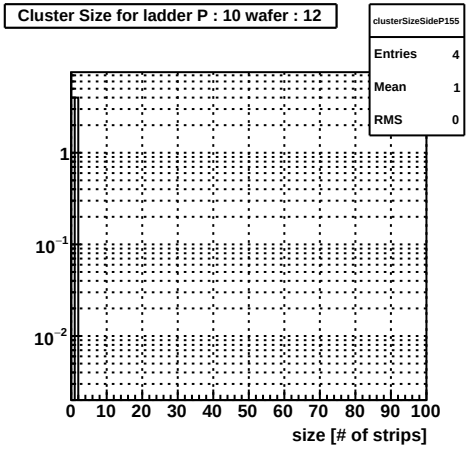

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 16271
Mean 1.348
RMS 0.6384
size [# of strips]

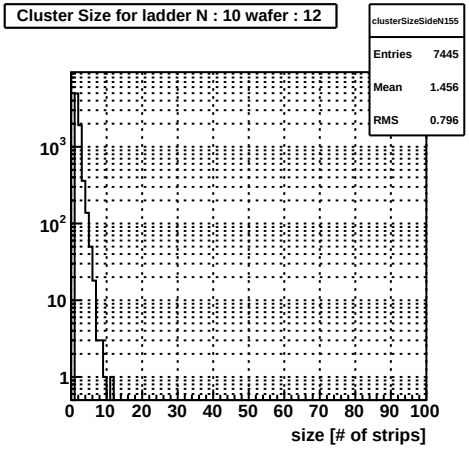

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 9274
Mean 1.271
RMS 0.6248
size [# of strips]

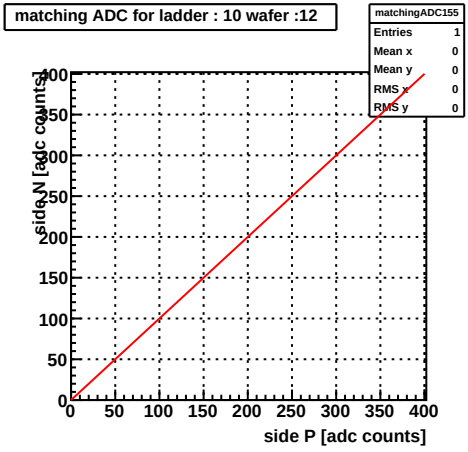

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 4547
Mean x 75.75
Mean y 68.14
RMS x 58.72
RMS y 54.92
side N [adc counts]
side P [adc counts]

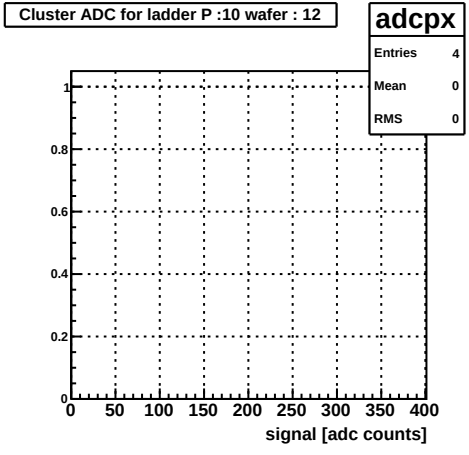

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 16271
Mean 58.36
RMS 50.33
signal [adc counts]

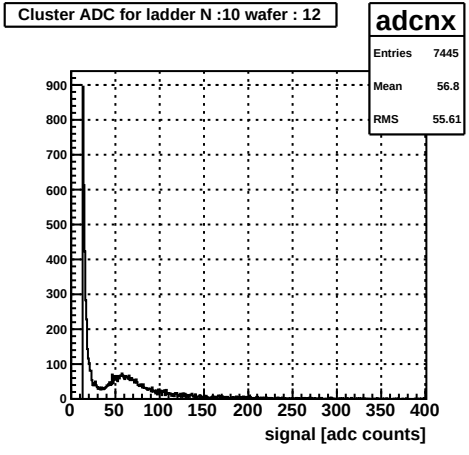

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 9274
Mean 45.57
RMS 48.16
signal [adc counts]

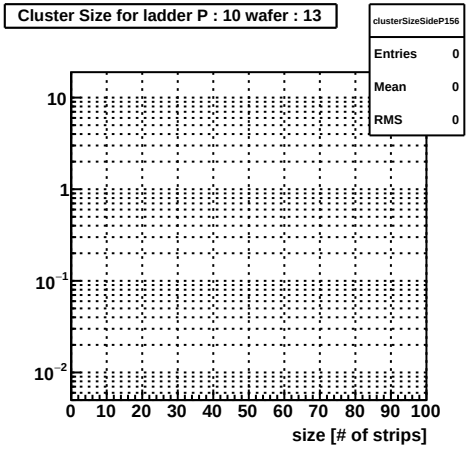

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 4
Mean 1
RMS 0
size [# of strips]

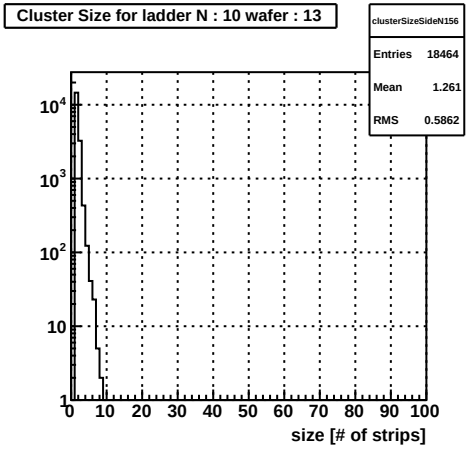

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 7445
Mean 1.456
RMS 0.796
size [# of strips]

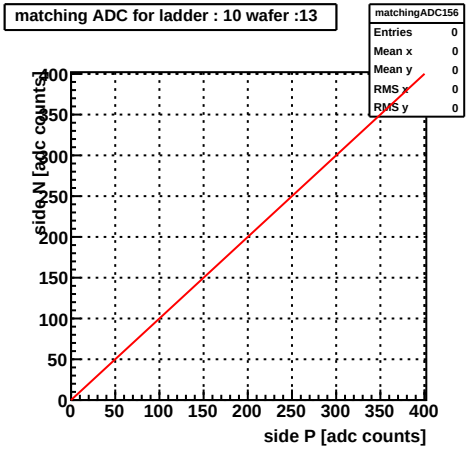

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

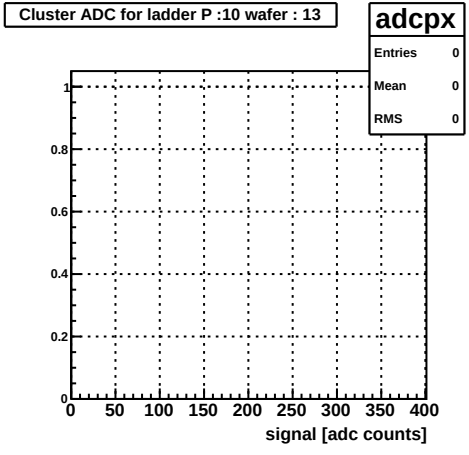

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

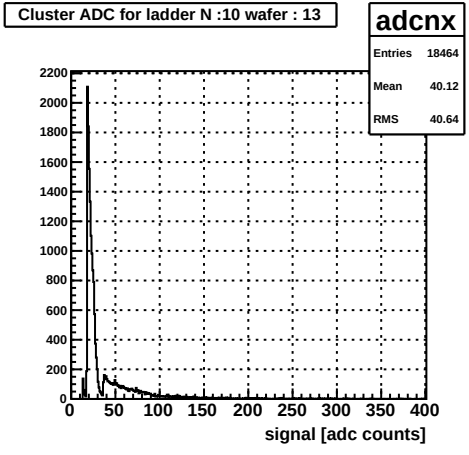

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 7445
Mean 56.8
RMS 55.61
signal [adc counts]

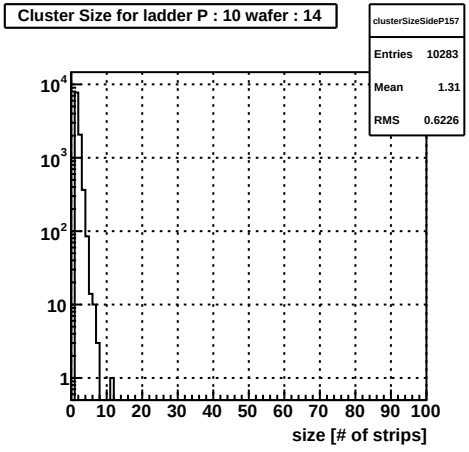

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

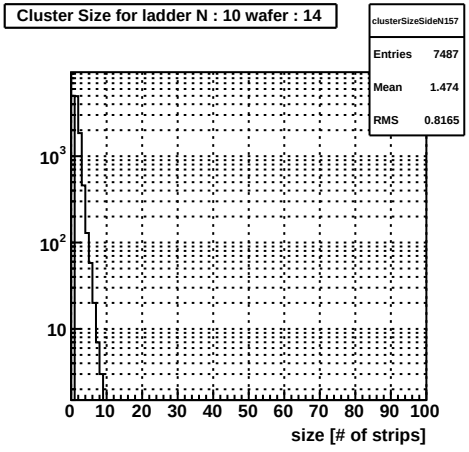

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 18464
Mean 1.261
RMS 0.5862
size [# of strips]

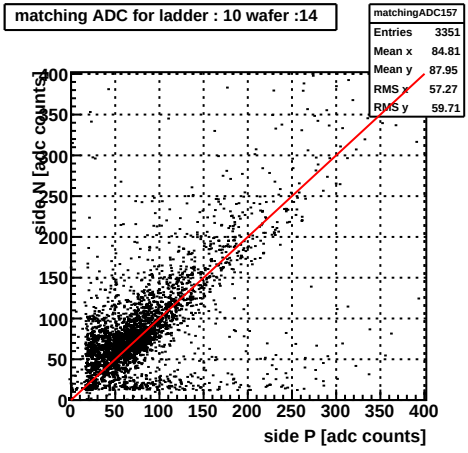

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

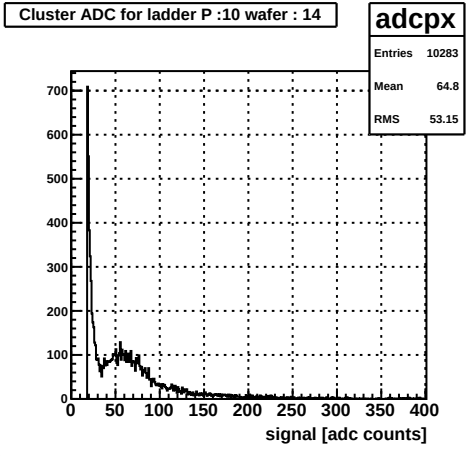

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

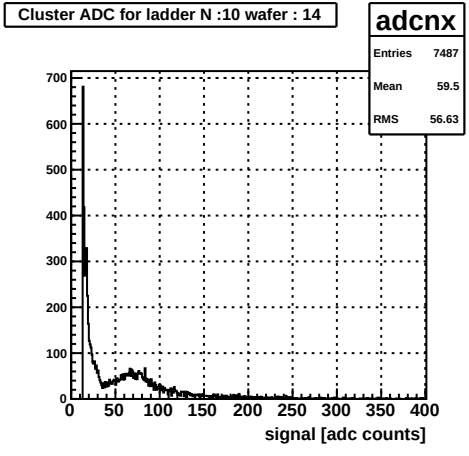

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 18464
Mean 40.12
RMS 40.64
signal [adc counts]

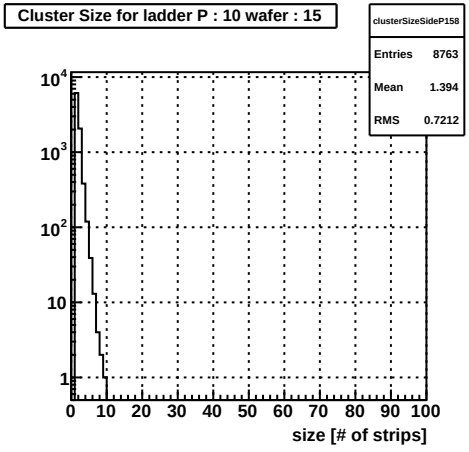

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 10283
Mean 1.31
RMS 0.6226
size [# of strips]

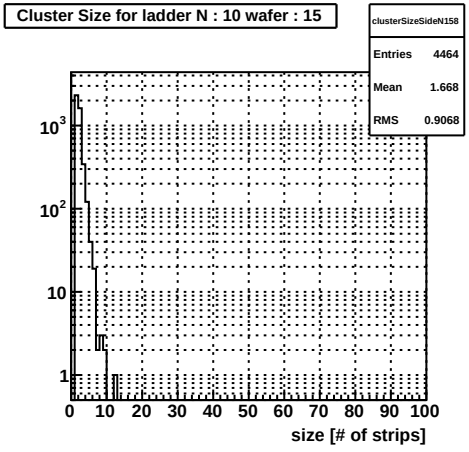

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 7487
Mean 1.474
RMS 0.8165
size [# of strips]

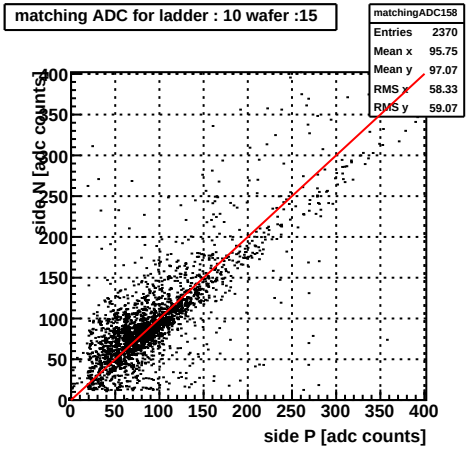

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 3351
Mean x 84.81
Mean y 87.95
RMS x 57.27
RMS y 59.71
side N [adc counts]
side P [adc counts]

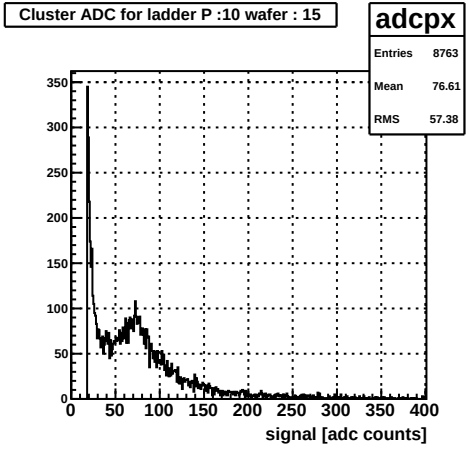

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 10283
Mean 64.8
RMS 53.15
signal [adc counts]

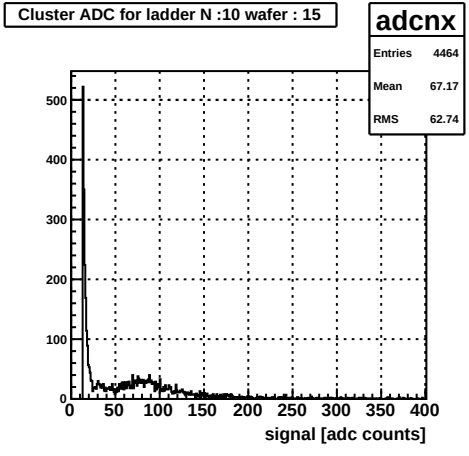

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 7487
Mean 59.5
RMS 56.63
signal [adc counts]

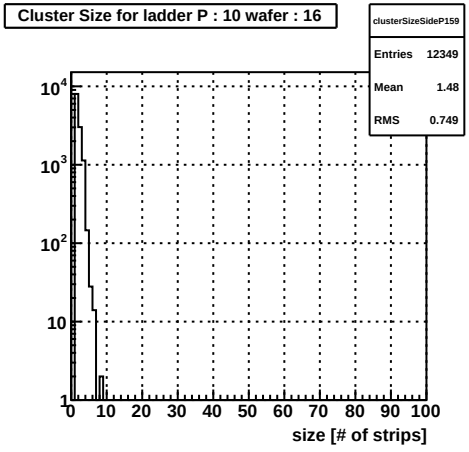

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 8763
Mean 1.394
RMS 0.7212
size [# of strips]

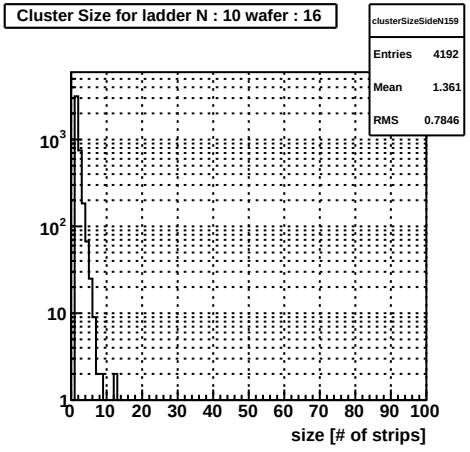

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 4464
Mean 1.668
RMS 0.9068
size [# of strips]

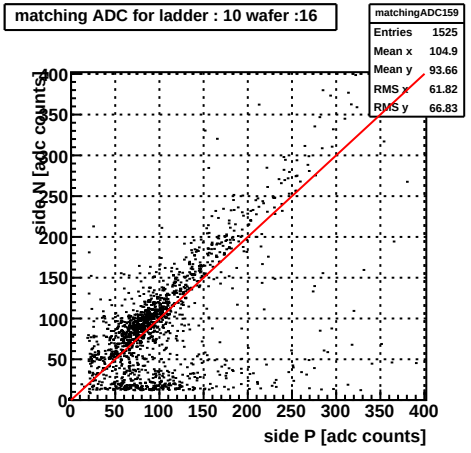

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 2370
Mean x 95.75
Mean y 97.07
RMS x 58.33
RMS y 59.07
side N [adc counts]
side P [adc counts]

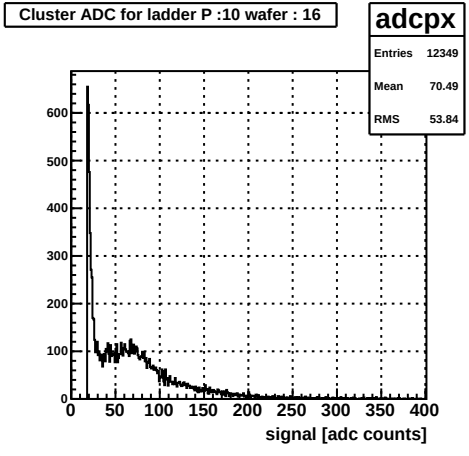

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 8763
Mean 76.61
RMS 57.38
signal [adc counts]

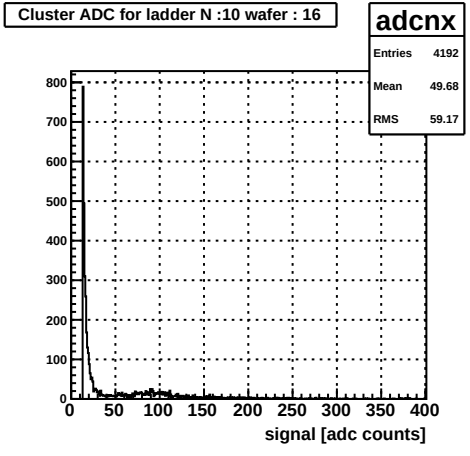

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 4464
Mean 67.17
RMS 62.74
signal [adc counts]

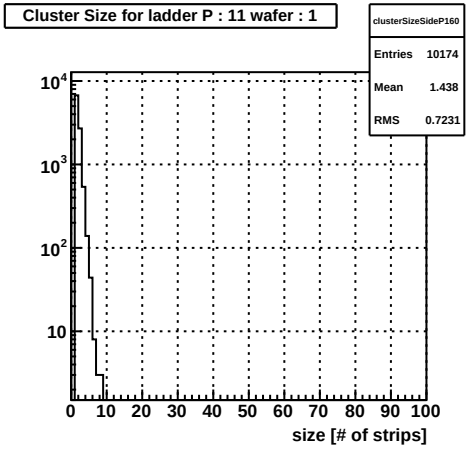

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 12349
Mean 1.48
RMS 0.749
size [# of strips]

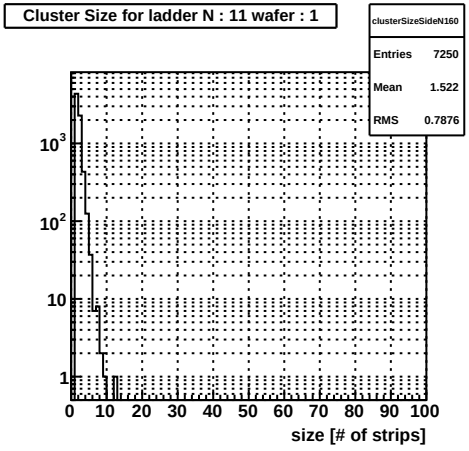

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 4192
Mean 1.361
RMS 0.7846
size [# of strips]

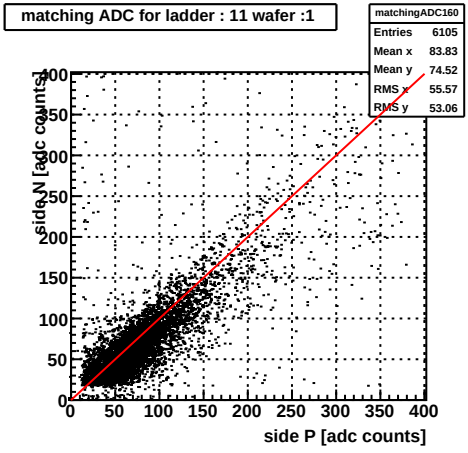

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1525
Mean x 104.9
Mean y 93.66
RMS x 61.82
RMS y 66.83
side N [adc counts]
side P [adc counts]

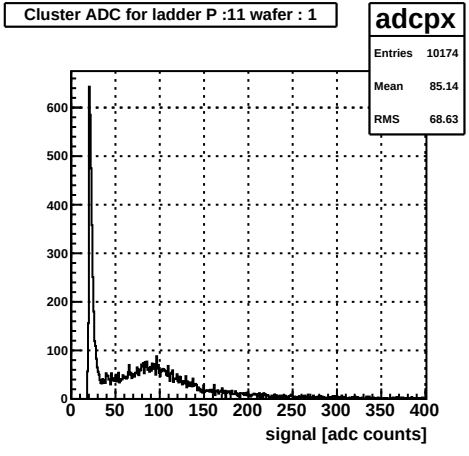

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 12349
Mean 70.49
RMS 53.84
signal [adc counts]

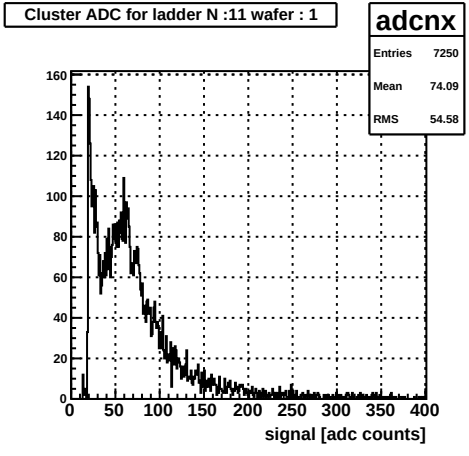

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 4192
Mean 49.68
RMS 59.17
signal [adc counts]

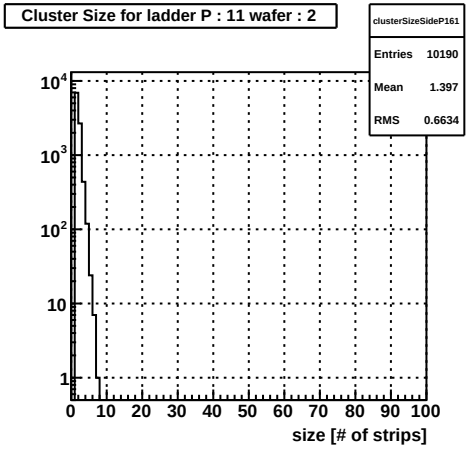

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 10174
Mean 1.438
RMS 0.7231
size [# of strips]

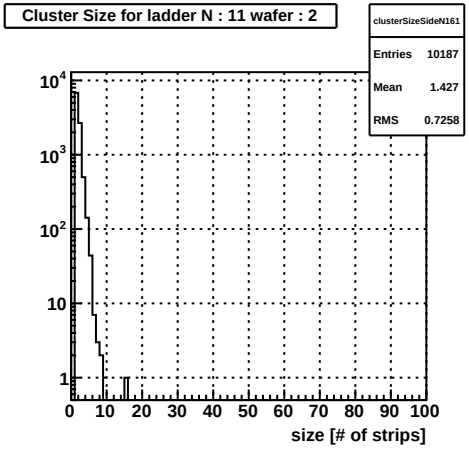

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 7250
Mean 1.522
RMS 0.7876
size [# of strips]

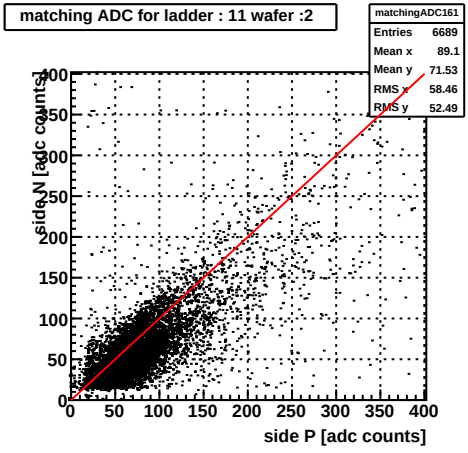

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 6105
Mean x 83.83
Mean y 74.52
RMS x 55.57
RMS y 53.06
side N [adc counts]
side P [adc counts]

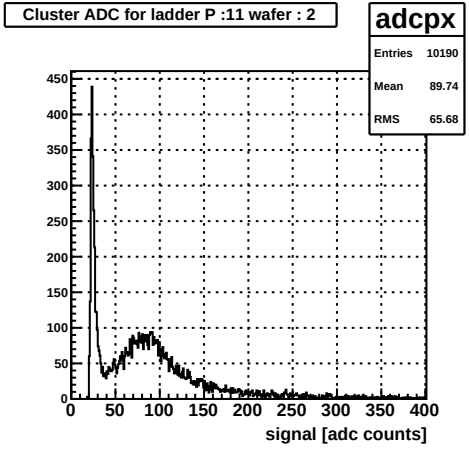

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 10174
Mean 85.14
RMS 68.63
signal [adc counts]

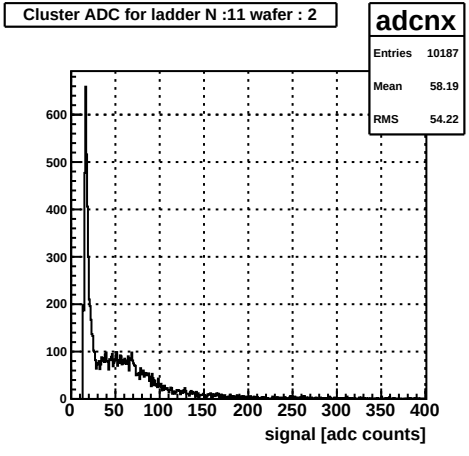

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 7250
Mean 74.09
RMS 54.58
signal [adc counts]

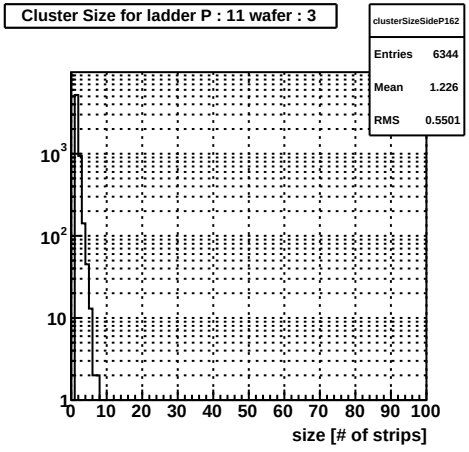

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 10190
Mean 1.397
RMS 0.6634
size [# of strips]

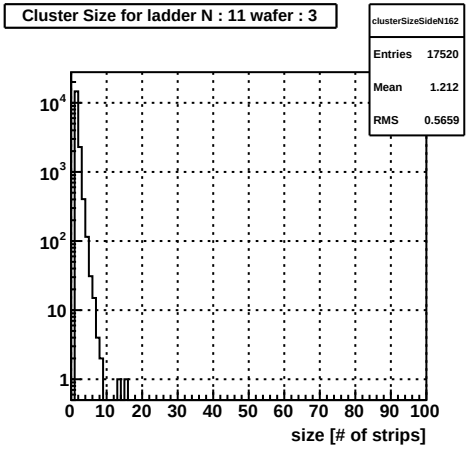

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 10187
Mean 1.427
RMS 0.7258
size [# of strips]

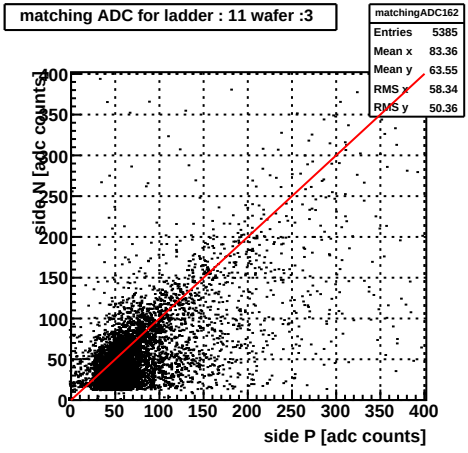

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 6689
Mean x 89.1
Mean y 71.53
RMS x 58.46
RMS y 52.49
side N [adc counts]
side P [adc counts]

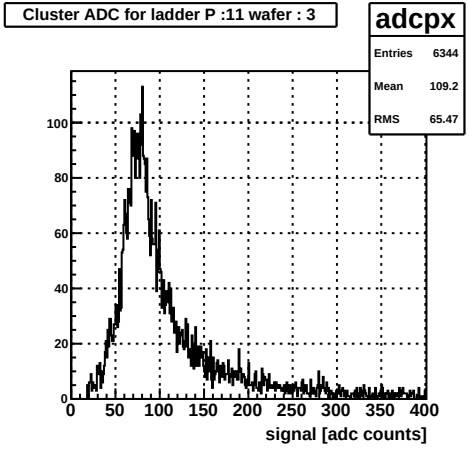

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 10190
Mean 89.74
RMS 65.68
signal [adc counts]

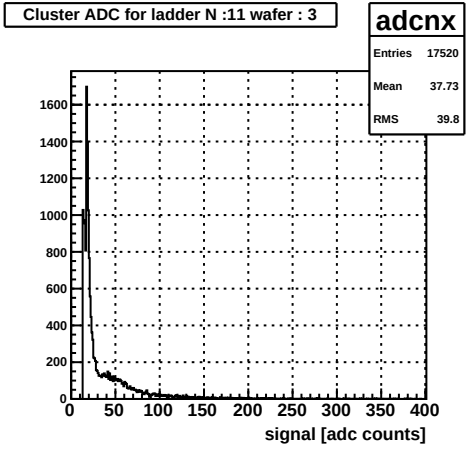

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 10187
Mean 58.19
RMS 54.22
signal [adc counts]

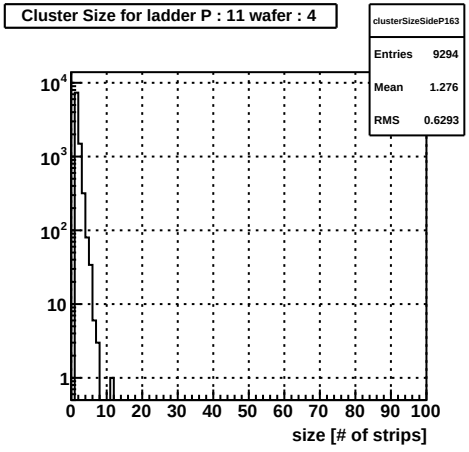

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 6344
Mean 1.226
RMS 0.5501
size [# of strips]

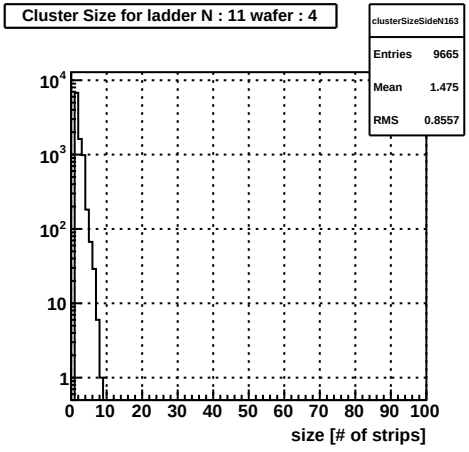

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 17520
Mean 1.212
RMS 0.5659
size [# of strips]

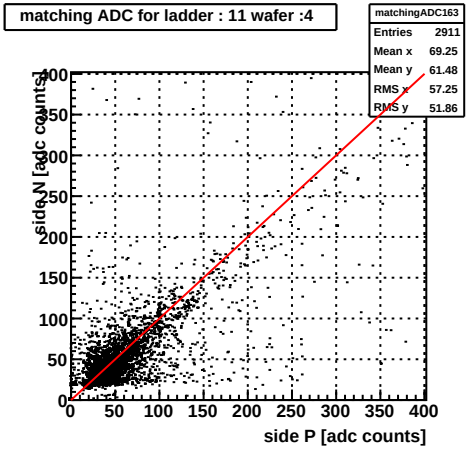

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 5385
Mean x 83.36
Mean y 63.55
RMS x 58.34
RMS y 50.36
side N [adc counts]
side P [adc counts]

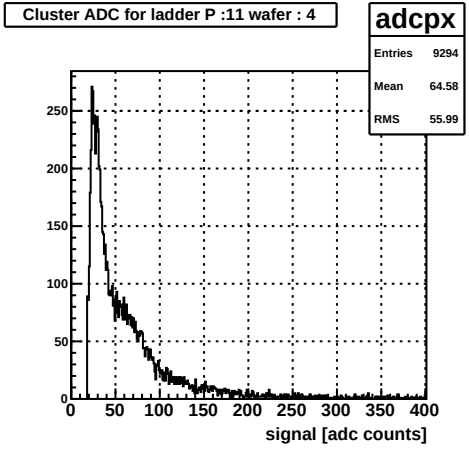

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 6344
Mean 109.2
RMS 65.47
signal [adc counts]

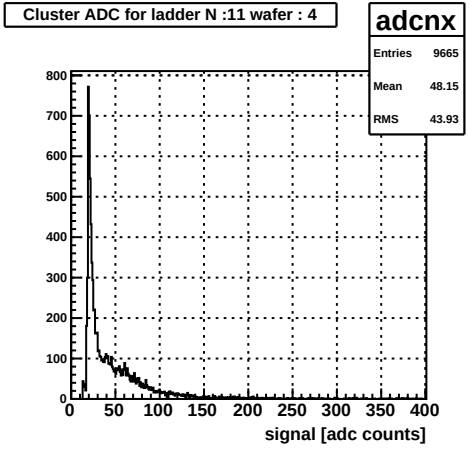

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 17520
Mean 37.73
RMS 39.8
signal [adc counts]

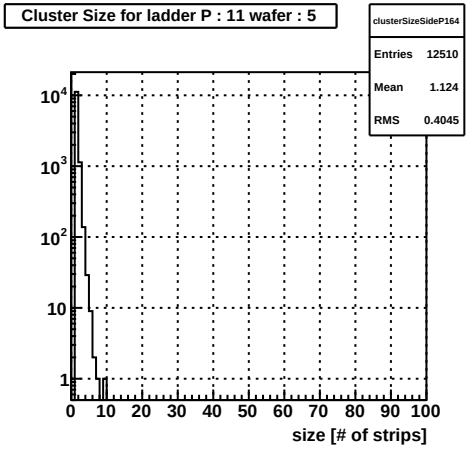

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 9294
Mean 1.276
RMS 0.6293
size [# of strips]

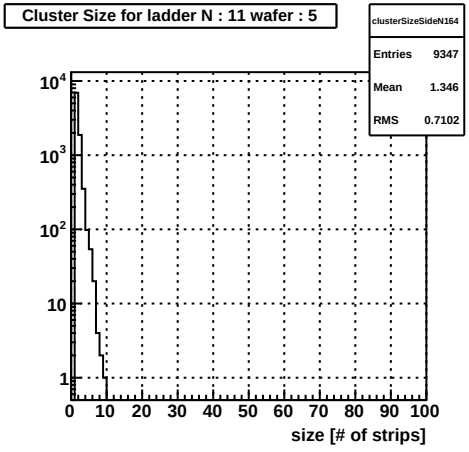

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 9665
Mean 1.475
RMS 0.8557
size [# of strips]

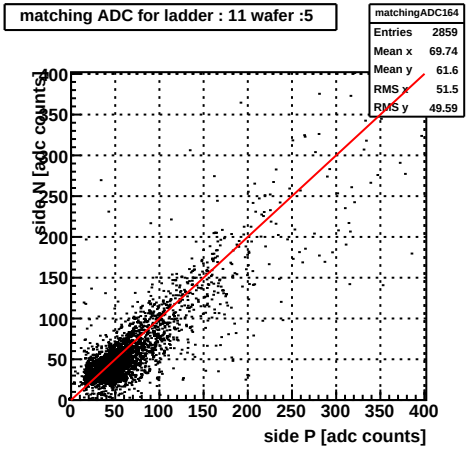

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 2911
Mean x 69.25
Mean y 61.48
RMS x 57.25
RMS y 51.86
side N [adc counts]
side P [adc counts]

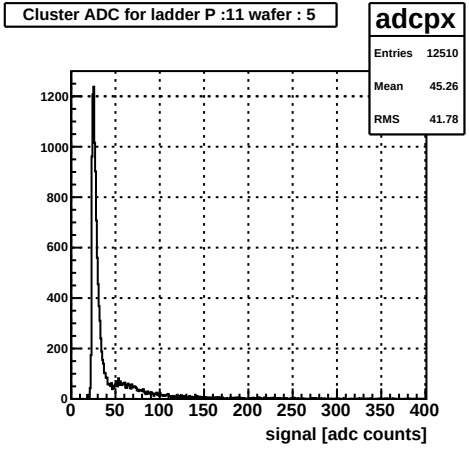

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 9294
Mean 64.58
RMS 55.99
signal [adc counts]

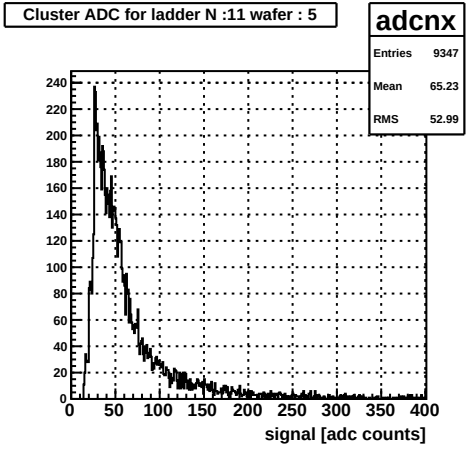

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 9665
Mean 48.15
RMS 43.93
signal [adc counts]

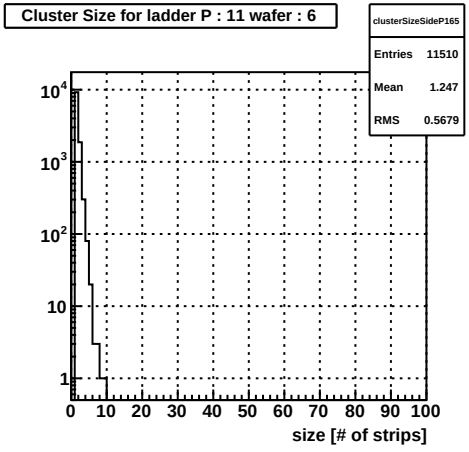

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12510
Mean 1.124
RMS 0.4045
size [# of strips]

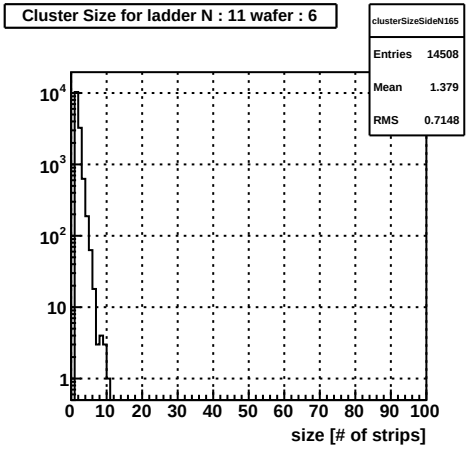

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 9347
Mean 1.346
RMS 0.7102
size [# of strips]

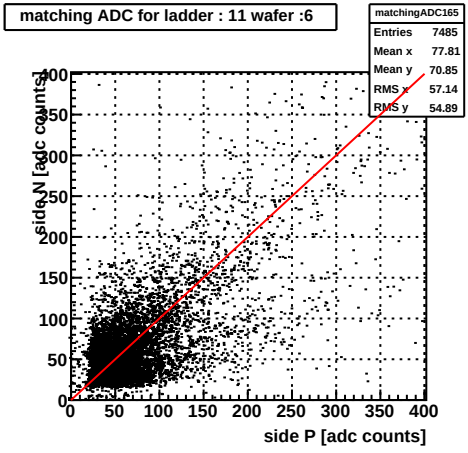

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 2859
Mean x 69.74
Mean y 61.6
RMS x 51.5
RMS y 49.59
side N [adc counts]
side P [adc counts]

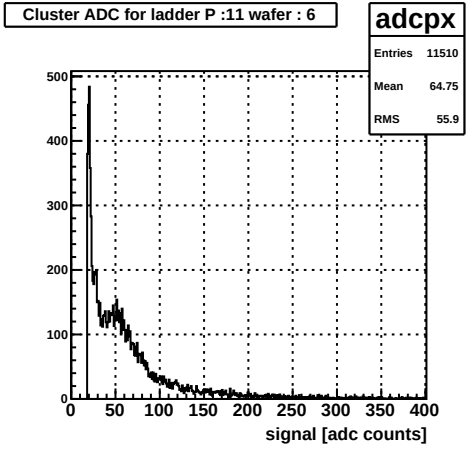

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12510
Mean 45.26
RMS 41.78
signal [adc counts]

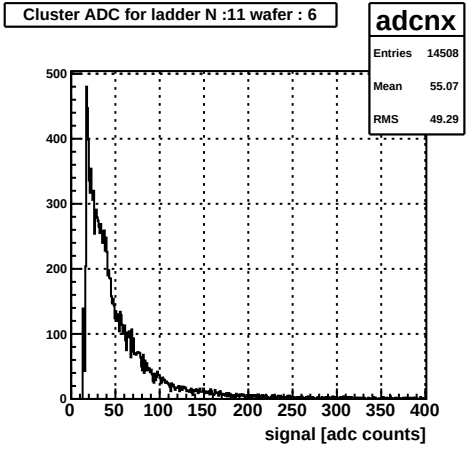

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 9347
Mean 65.23
RMS 52.99
signal [adc counts]

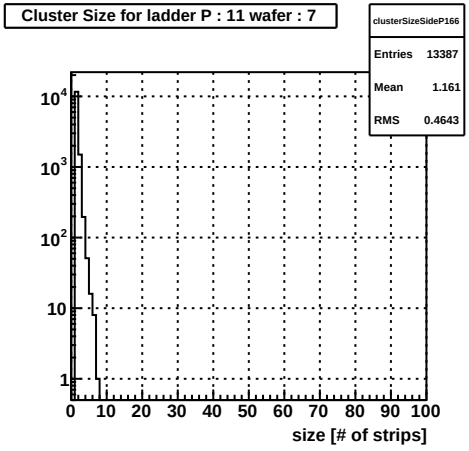

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 11510
Mean 1.247
RMS 0.5679
size [# of strips]

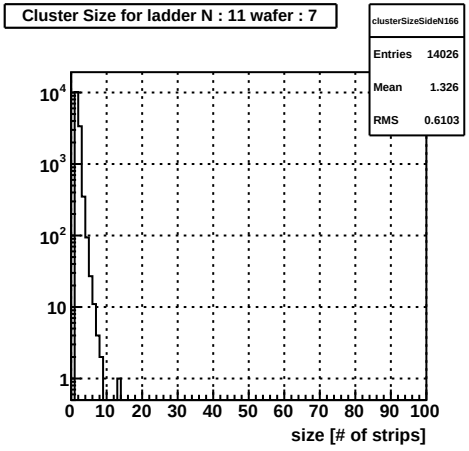

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 14508
Mean 1.379
RMS 0.7148
size [# of strips]

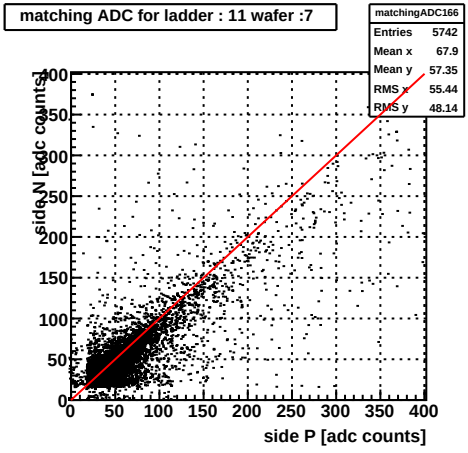

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 7485
Mean x 77.81
Mean y 70.85
RMS x 57.14
RMS y 54.89
side N [adc counts]
side P [adc counts]

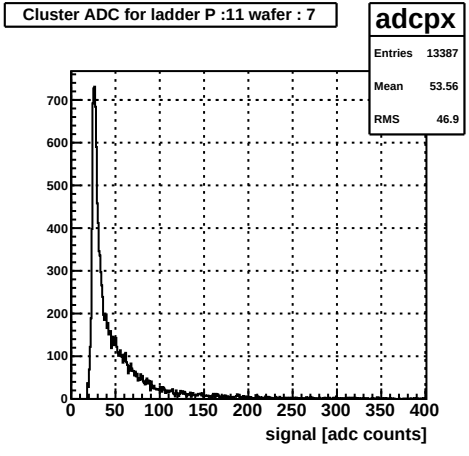

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 11510
Mean 64.75
RMS 55.9
signal [adc counts]

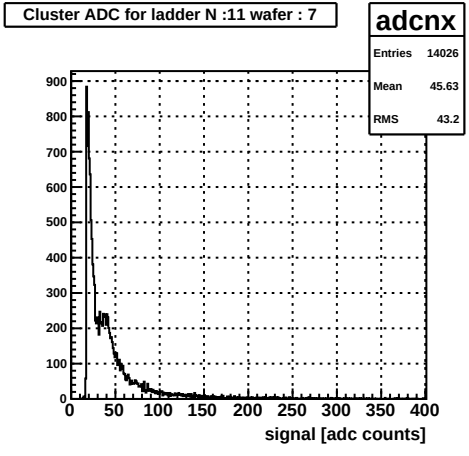

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 14508
Mean 55.07
RMS 49.29
signal [adc counts]

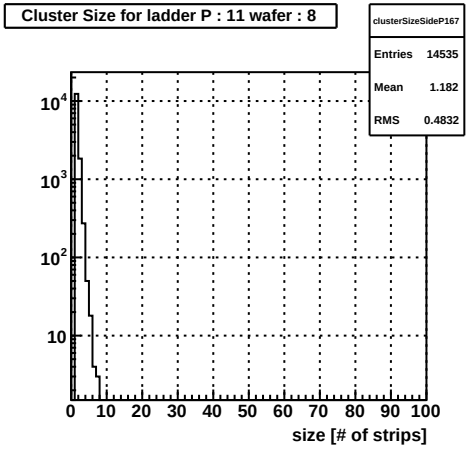

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 13387
Mean 1.161
RMS 0.4643
size [# of strips]

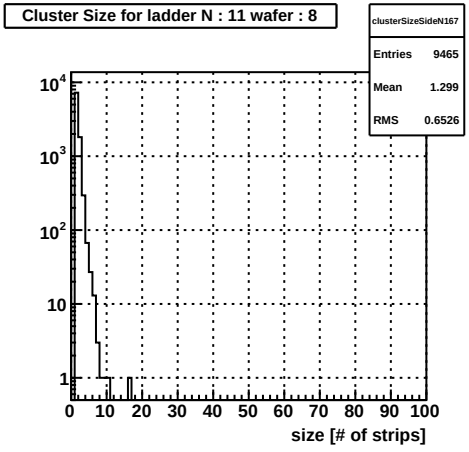

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 14026
Mean 1.326
RMS 0.6103
size [# of strips]

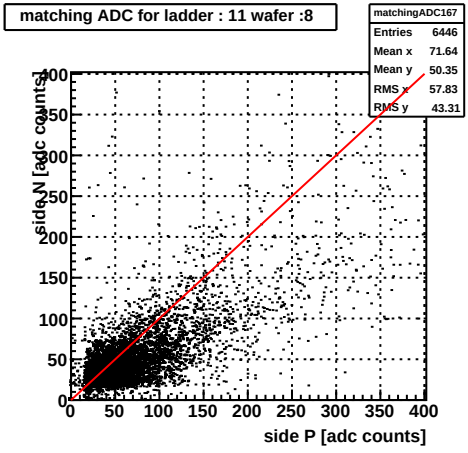

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 5742
Mean x 67.9
Mean y 57.35
RMS x 55.44
RMS y 48.14
side N [adc counts]
side P [adc counts]

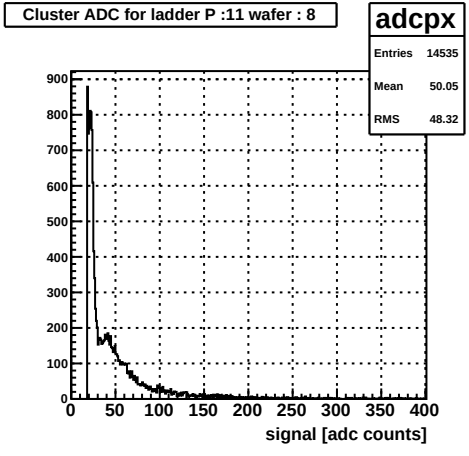

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 13387
Mean 53.56
RMS 46.9
signal [adc counts]

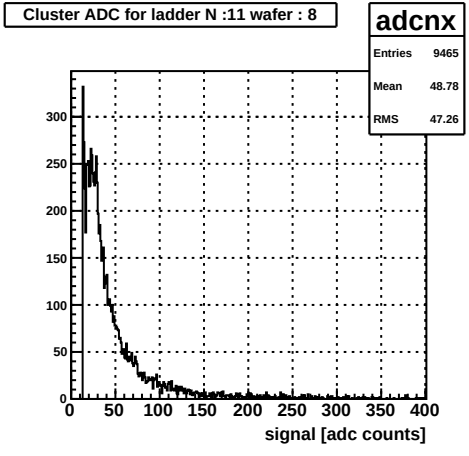

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 14026
Mean 45.63
RMS 43.2
signal [adc counts]

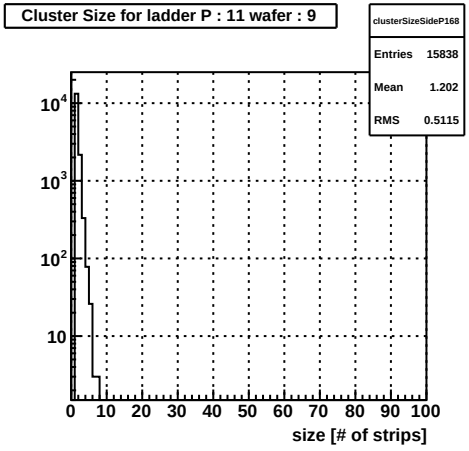

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 14535
Mean 1.182
RMS 0.4832
size [# of strips]

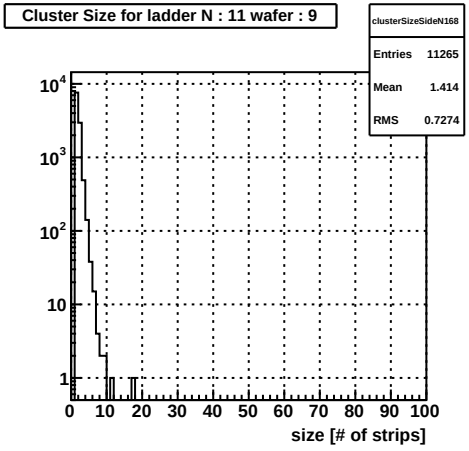

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 9465
Mean 1.299
RMS 0.6526
size [# of strips]

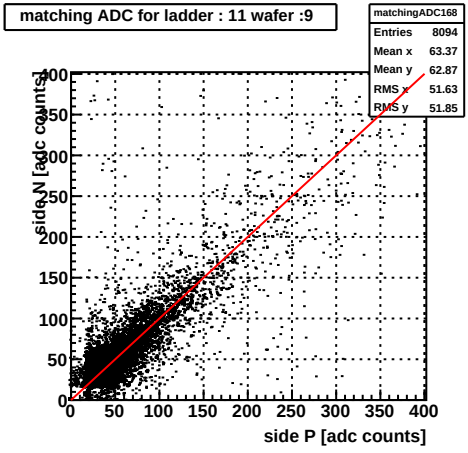

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 6446
Mean x 71.64
Mean y 50.35
RMS x 57.83
RMS y 43.31
side N [adc counts]
side P [adc counts]

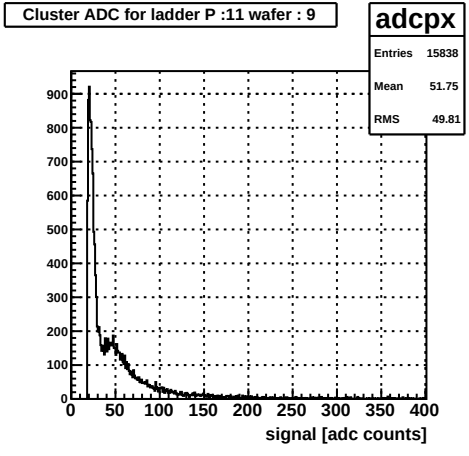

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 14535
Mean 50.05
RMS 48.32
signal [adc counts]

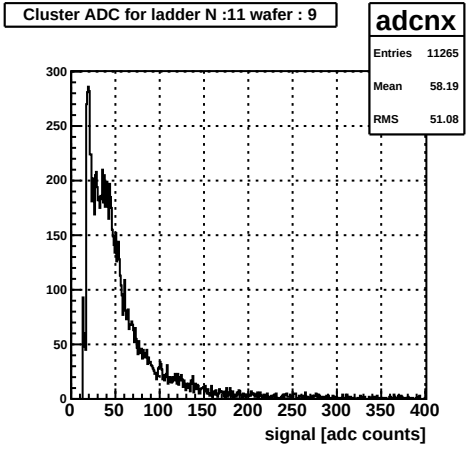

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 9465
Mean 48.78
RMS 47.26
signal [adc counts]

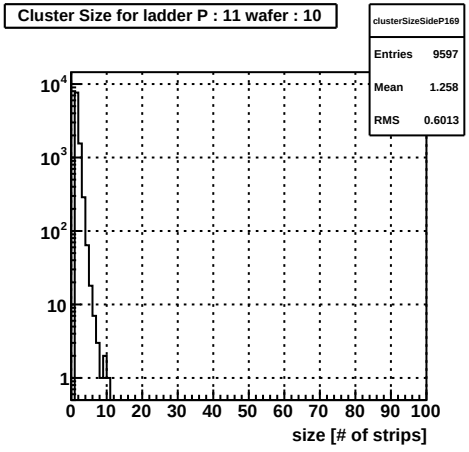

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 15838
Mean 1.202
RMS 0.5115
size [# of strips]

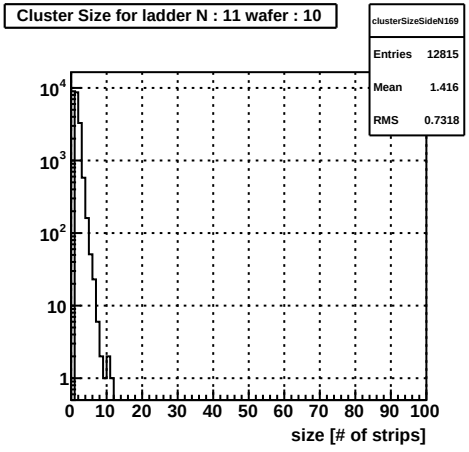

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 11265
Mean 1.414
RMS 0.7274
size [# of strips]

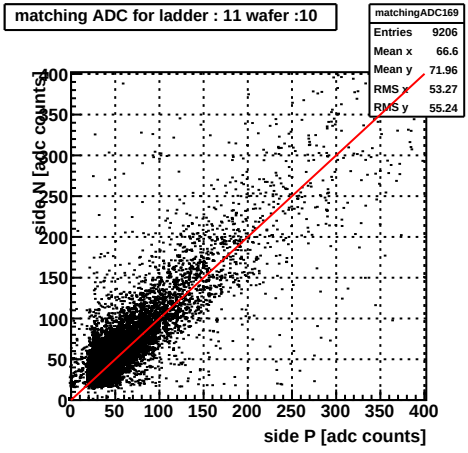

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 8094
Mean x 63.37
Mean y 62.87
RMS x 51.63
RMS y 51.85
side N [adc counts]
side P [adc counts]

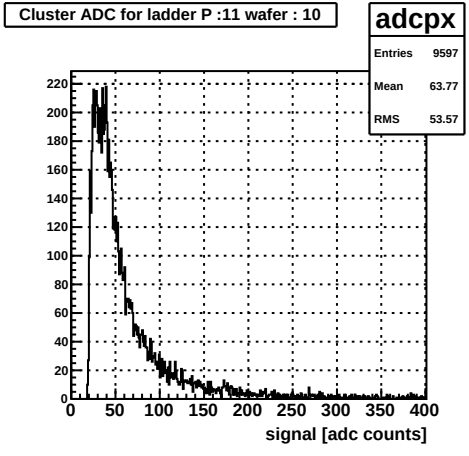

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 15838
Mean 51.75
RMS 49.81
signal [adc counts]

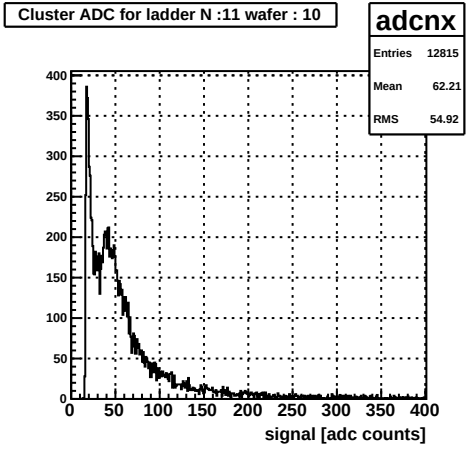

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 11265
Mean 58.19
RMS 51.08
signal [adc counts]

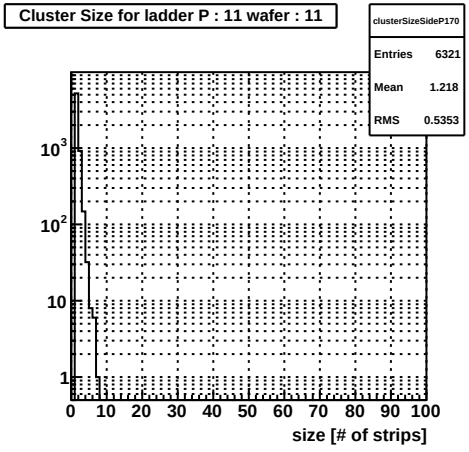

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 9597
Mean 1.258
RMS 0.6013
size [# of strips]

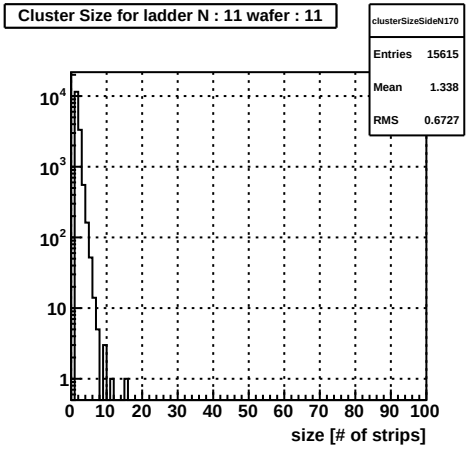

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 12815
Mean 1.416
RMS 0.7318
size [# of strips]

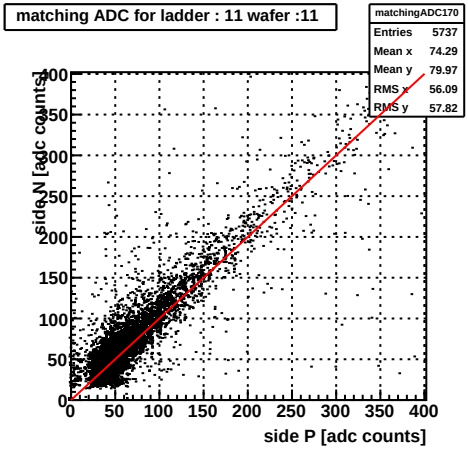

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 9206
Mean x 66.6
Mean y 71.96
RMS x 53.27
RMS y 55.24
side N [adc counts]
side P [adc counts]

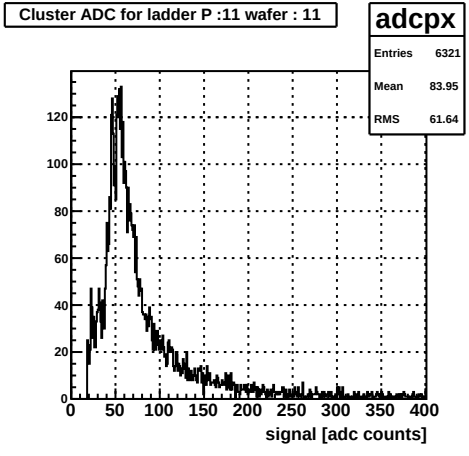

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 9597
Mean 63.77
RMS 53.57
signal [adc counts]

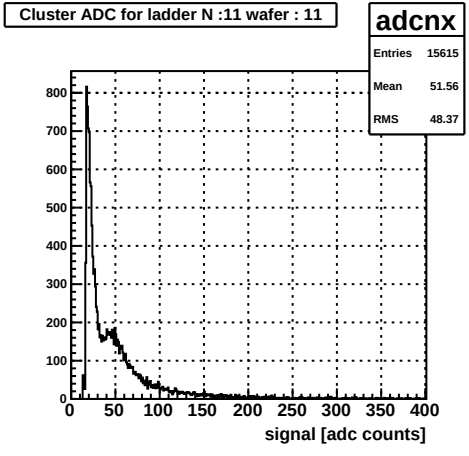

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 12815
Mean 62.21
RMS 54.92
signal [adc counts]

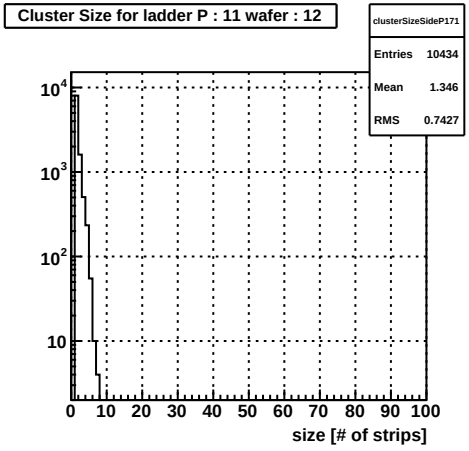

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 6321
Mean 1.218
RMS 0.5353
size [# of strips]

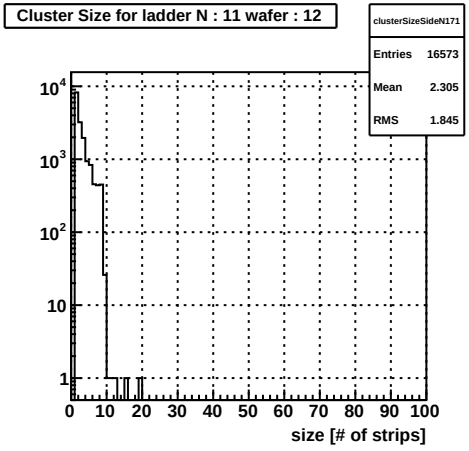

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 15615
Mean 1.338
RMS 0.6727
size [# of strips]

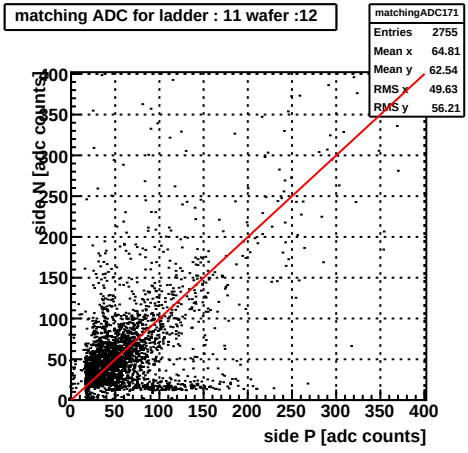

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 5737
Mean x 74.29
Mean y 79.97
RMS x 56.09
RMS y 57.82
side N [adc counts]
side P [adc counts]

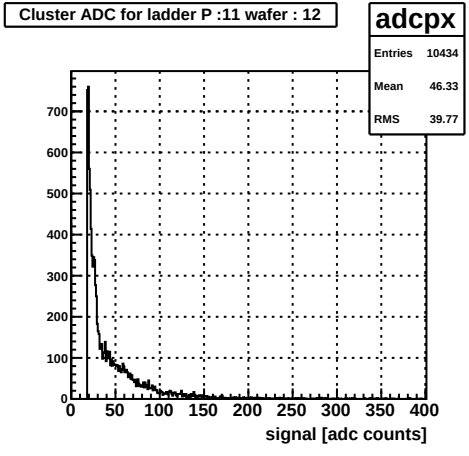

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 6321
Mean 83.95
RMS 61.64
signal [adc counts]

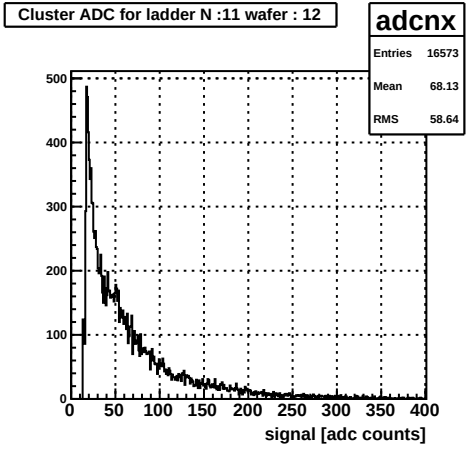

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 15615
Mean 51.56
RMS 48.37
signal [adc counts]

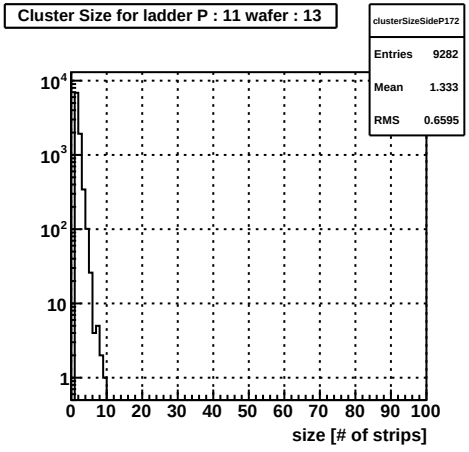

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10434
Mean 1.346
RMS 0.7427
size [# of strips]

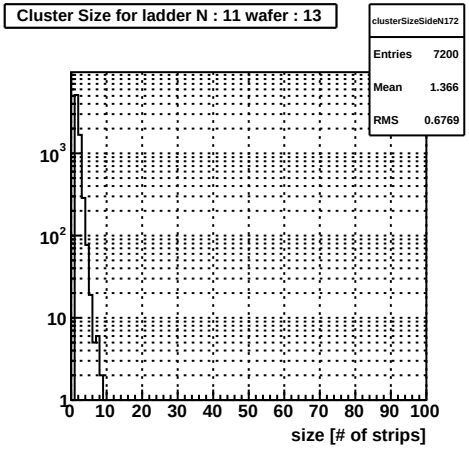

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 16573
Mean 2.305
RMS 1.845
size [# of strips]

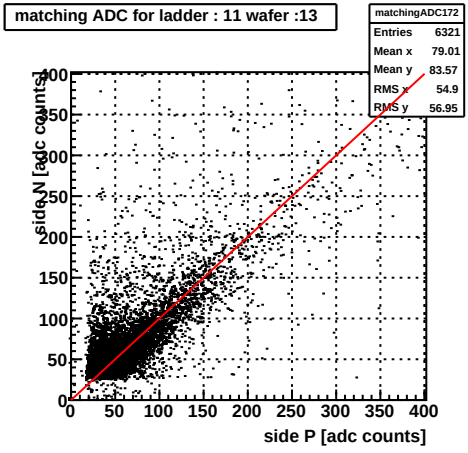

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 2755
Mean x 64.81
Mean y 62.54
RMS x 49.63
RMS y 56.21
side N [adc counts]
side P [adc counts]

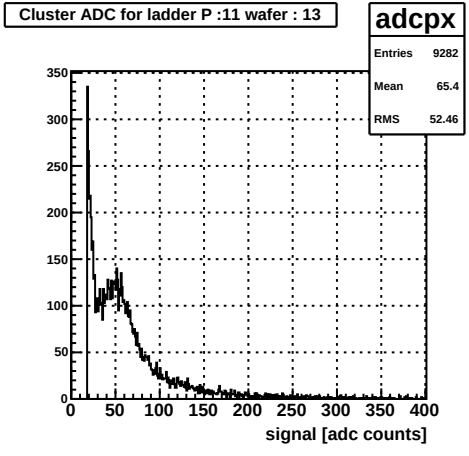

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10434
Mean 46.33
RMS 39.77
signal [adc counts]

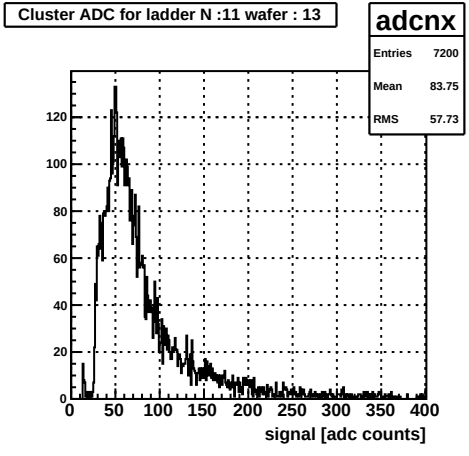

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 16573
Mean 68.13
RMS 58.64
signal [adc counts]

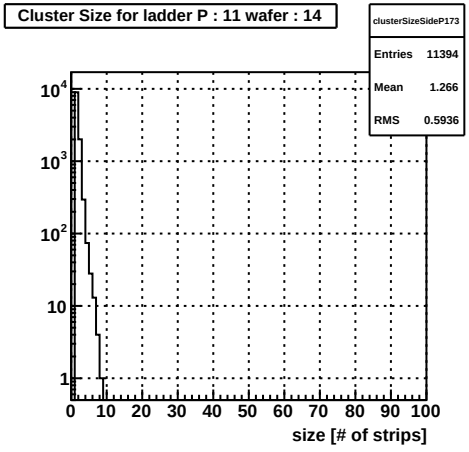

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 9282
Mean 1.333
RMS 0.6595
size [# of strips]

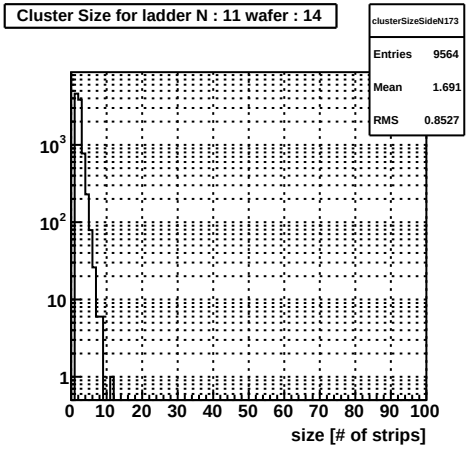

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 7200
Mean 1.366
RMS 0.6769
size [# of strips]

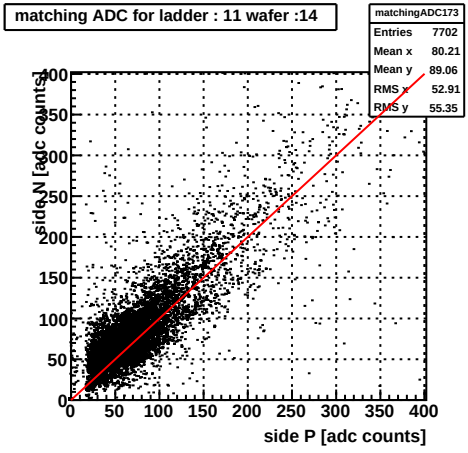

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 6321
Mean x 79.01
Mean y 83.57
RMS x 54.9
RMS y 56.95
side N [adc counts]
side P [adc counts]

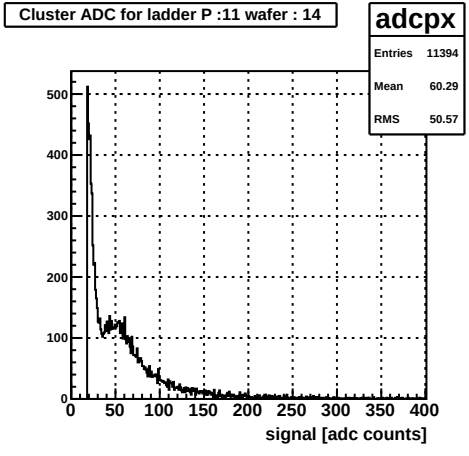

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 9282
Mean 65.4
RMS 52.46
signal [adc counts]

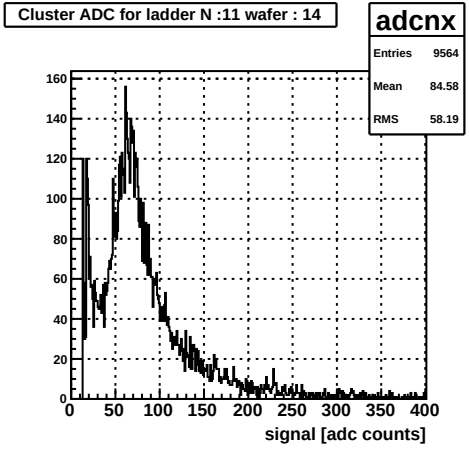

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 7200
Mean 83.75
RMS 57.73
signal [adc counts]

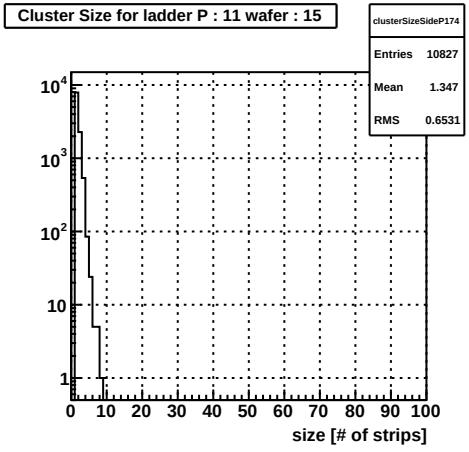

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 11394
Mean 1.266
RMS 0.5936
size [# of strips]

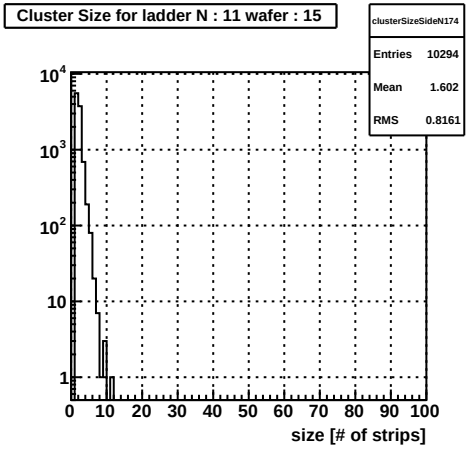

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 9564
Mean 1.691
RMS 0.8527
size [# of strips]

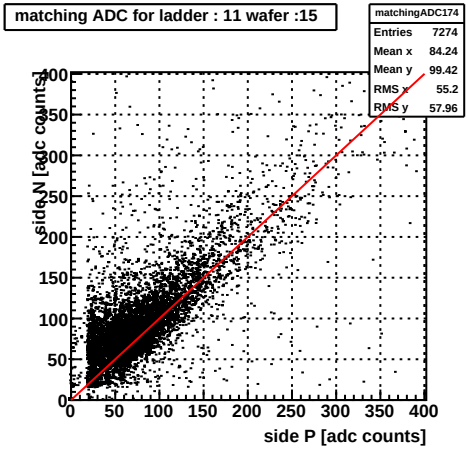

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 7702
Mean x 80.21
Mean y 89.06
RMS x 52.91
RMS y 55.35
side N [adc counts]
side P [adc counts]

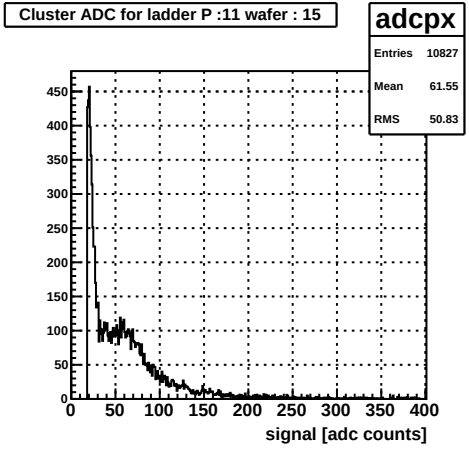

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 11394
Mean 60.29
RMS 50.57
signal [adc counts]

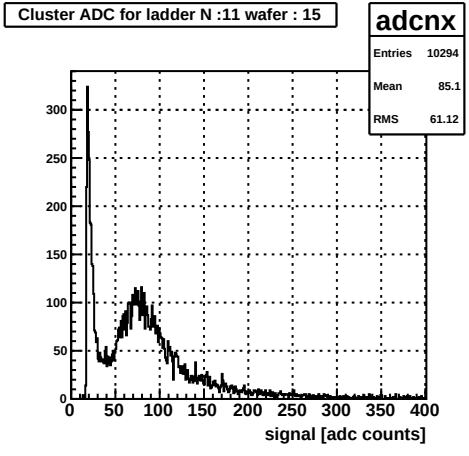

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 9564
Mean 84.58
RMS 58.19
signal [adc counts]

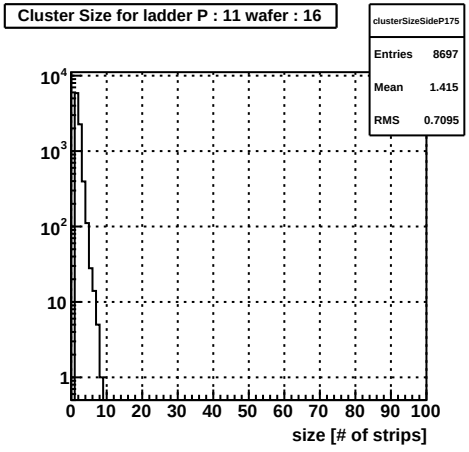

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 10827
Mean 1.347
RMS 0.6531
size [# of strips]

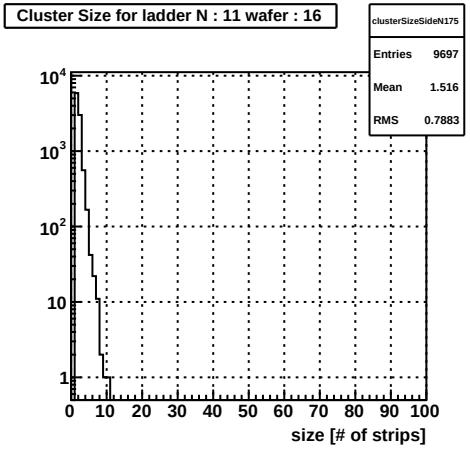

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 10294
Mean 1.602
RMS 0.8161
size [# of strips]

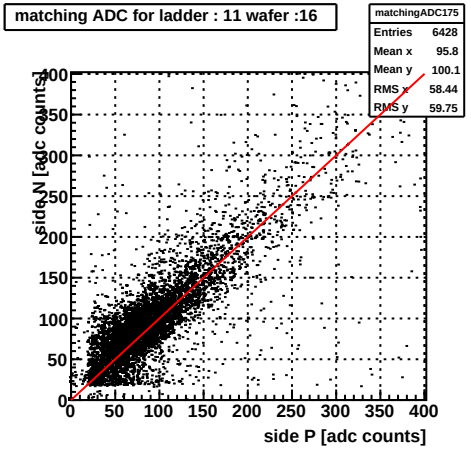

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 7274
Mean x 84.24
Mean y 99.42
RMS x 55.2
RMS y 57.96
side N [adc counts]
side P [adc counts]

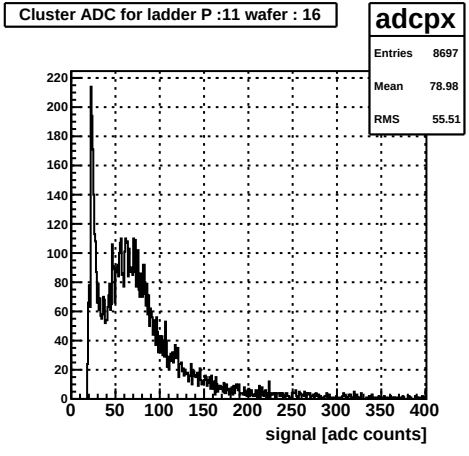

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 10827
Mean 61.55
RMS 50.83
signal [adc counts]

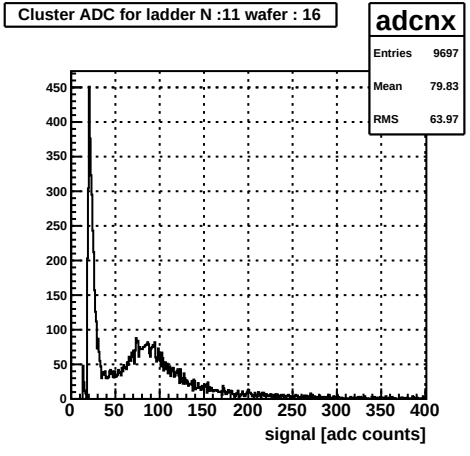

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 10294
Mean 85.1
RMS 61.12
signal [adc counts]

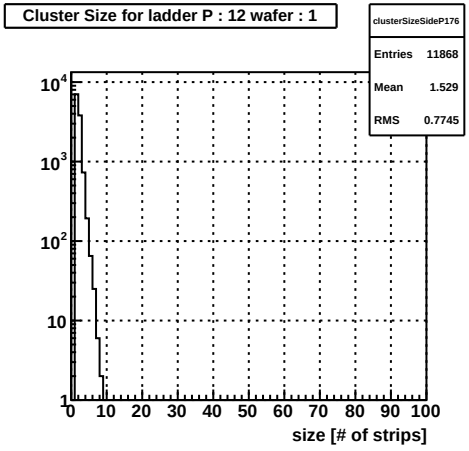

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 8697
Mean 1.415
RMS 0.7095
size [# of strips]

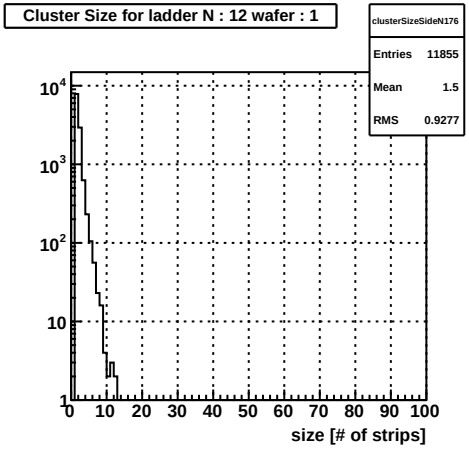

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 9697
Mean 1.516
RMS 0.7883
size [# of strips]

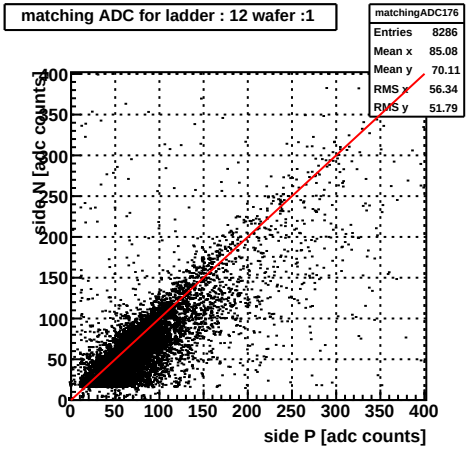

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 6428
Mean x 95.8
Mean y 100.1
RMS x 58.44
RMS y 59.75
side N [adc counts]
side P [adc counts]

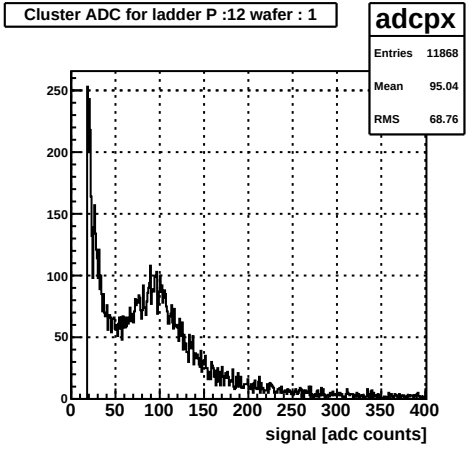

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 8697
Mean 78.98
RMS 55.51
signal [adc counts]

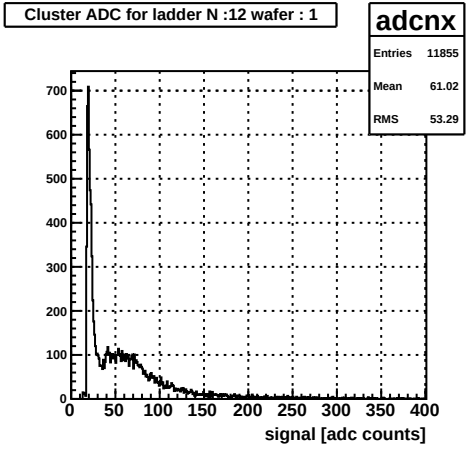

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 9697
Mean 79.83
RMS 63.97
signal [adc counts]

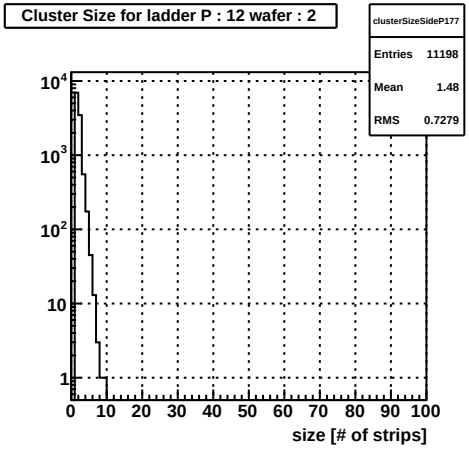

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 11868
Mean 1.529
RMS 0.7745
size [# of strips]

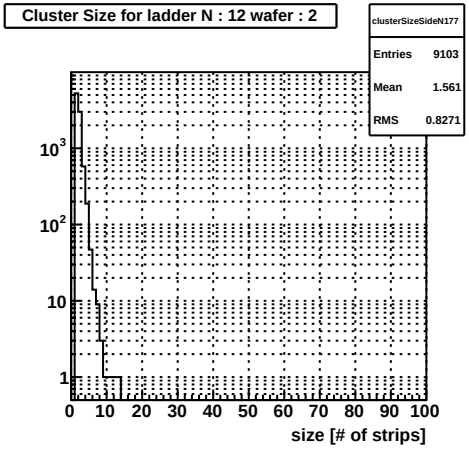

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 11855
Mean 1.5
RMS 0.9277
size [# of strips]

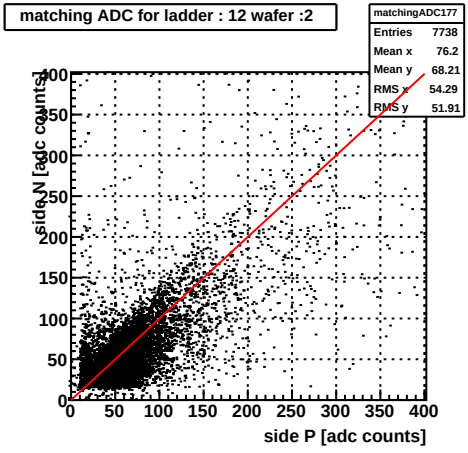

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 8286
Mean x 85.08
Mean y 70.11
RMS x 56.34
RMS y 51.79
side N [adc counts]
side P [adc counts]

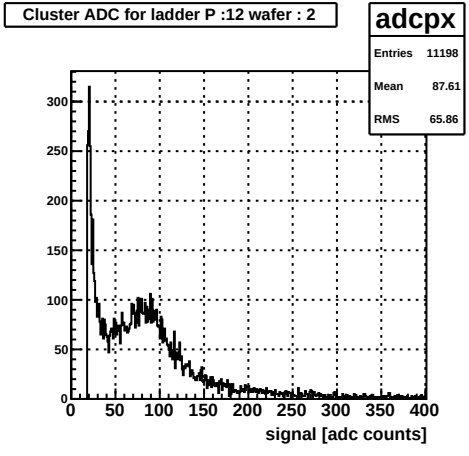

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 11868
Mean 95.04
RMS 68.76
signal [adc counts]

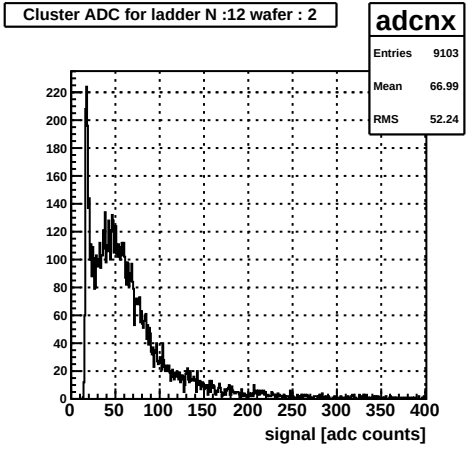

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 11855
Mean 61.02
RMS 53.29
signal [adc counts]

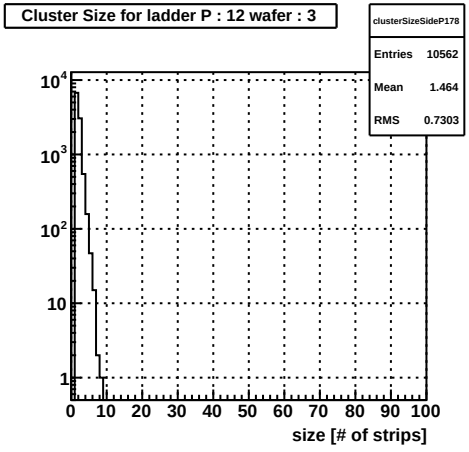

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 11198
Mean 1.48
RMS 0.7279
size [# of strips]

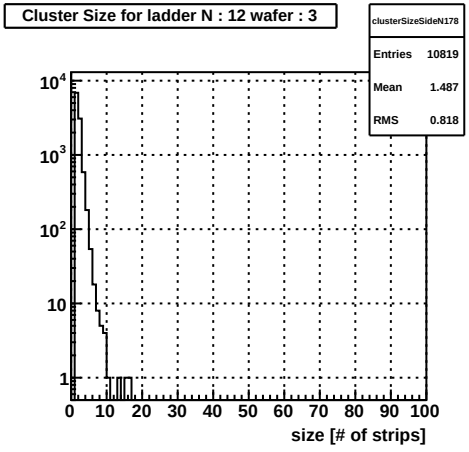

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 9103
Mean 1.561
RMS 0.8271
size [# of strips]

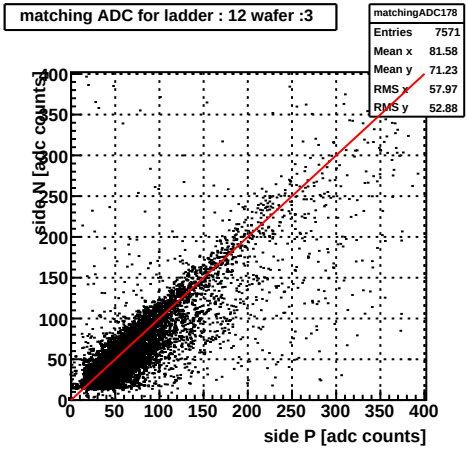

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 7738
Mean x 76.2
Mean y 68.21
RMS x 54.29
RMS y 51.91
side N [adc counts]
side P [adc counts]

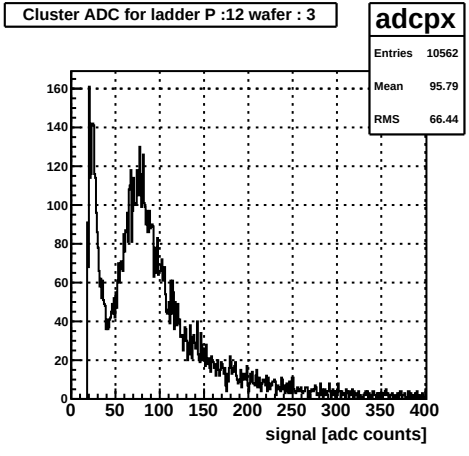

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 11198
Mean 87.61
RMS 65.86
signal [adc counts]

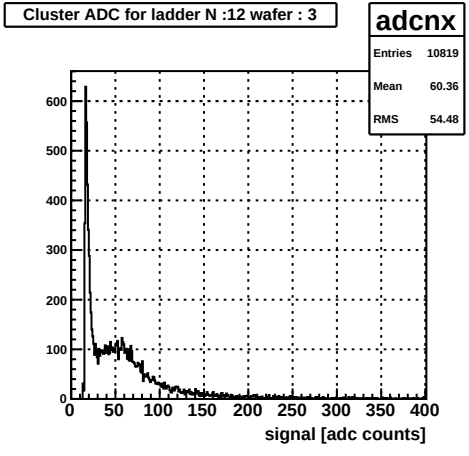

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 9103
Mean 66.99
RMS 52.24
signal [adc counts]

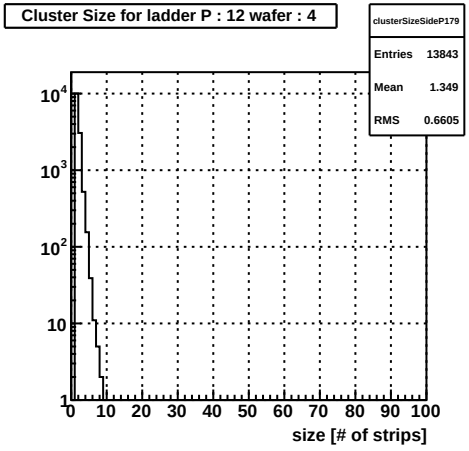

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 10562
Mean 1.464
RMS 0.7303
size [# of strips]

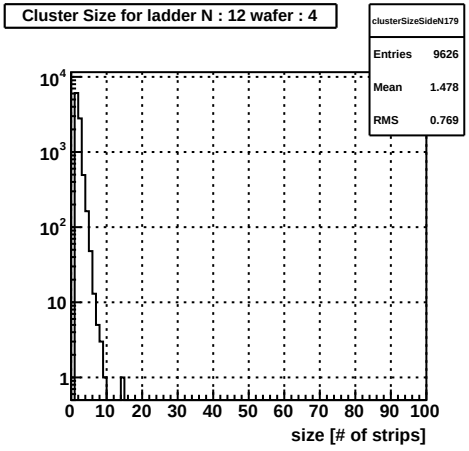

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 10819
Mean 1.487
RMS 0.818
size [# of strips]

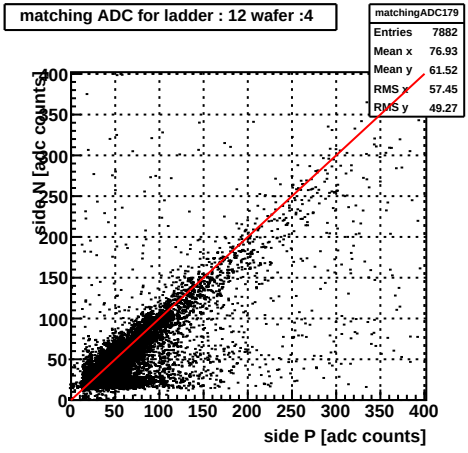

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 7571
Mean x 81.58
Mean y 71.23
RMS x 57.97
RMS y 52.88
side N [adc counts]
side P [adc counts]

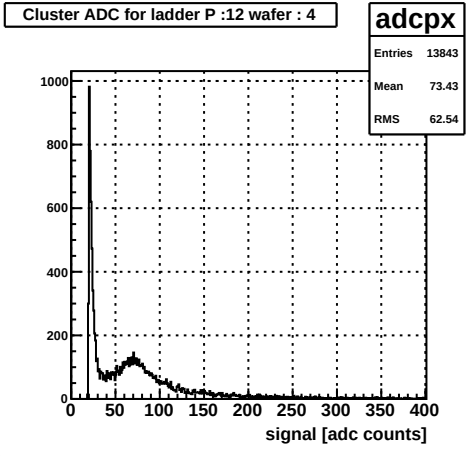

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 10562
Mean 95.79
RMS 66.44
signal [adc counts]

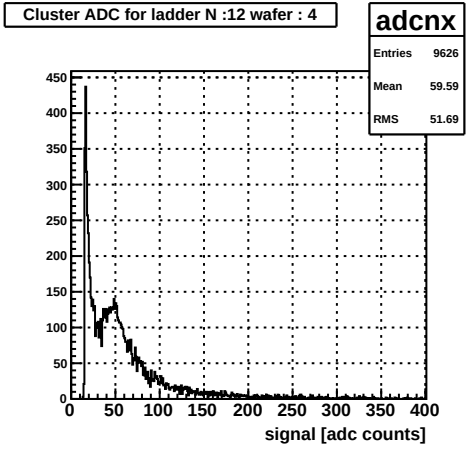

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 10819
Mean 60.36
RMS 54.48
signal [adc counts]

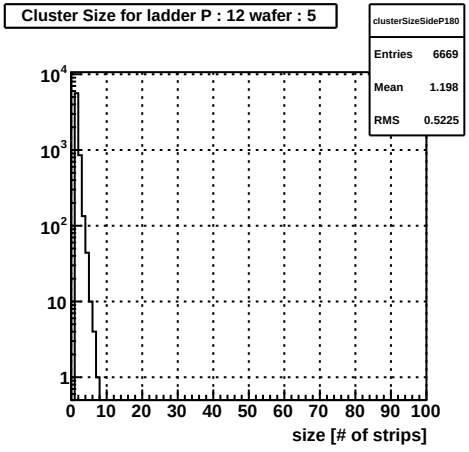

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 13843
Mean 1.349
RMS 0.6605
size [# of strips]

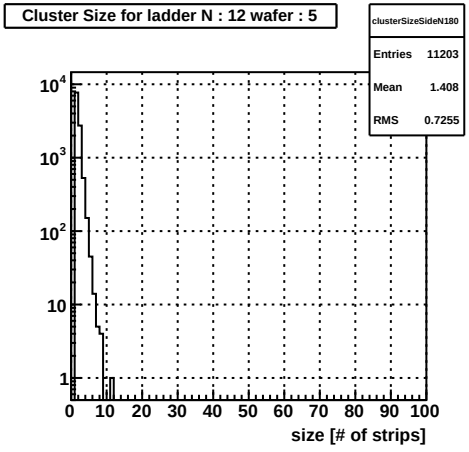

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 9626
Mean 1.478
RMS 0.769
size [# of strips]

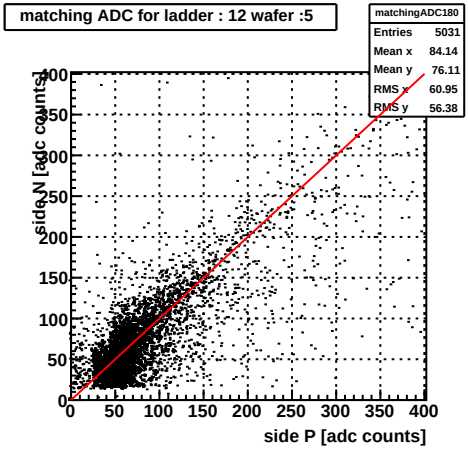

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 7882
Mean x 76.93
Mean y 61.52
RMS x 57.45
RMS y 49.27
side N [adc counts]
side P [adc counts]

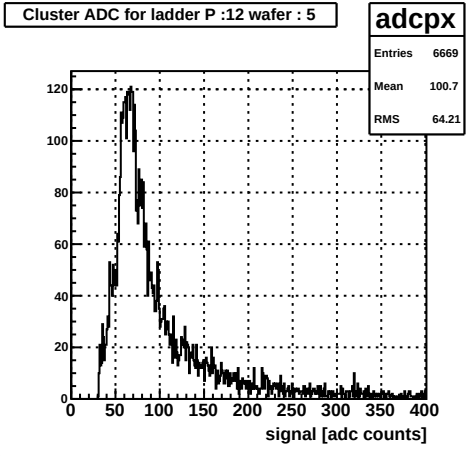

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 13843
Mean 73.43
RMS 62.54
signal [adc counts]

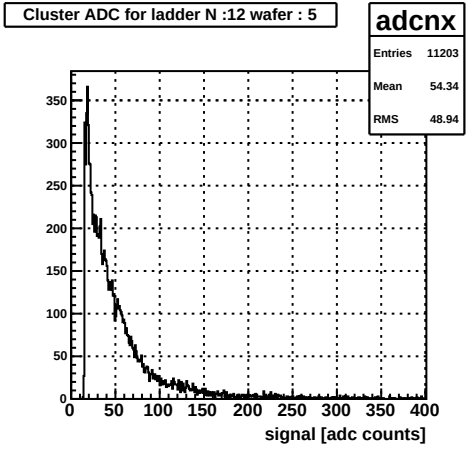

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 9626
Mean 59.59
RMS 51.69
signal [adc counts]

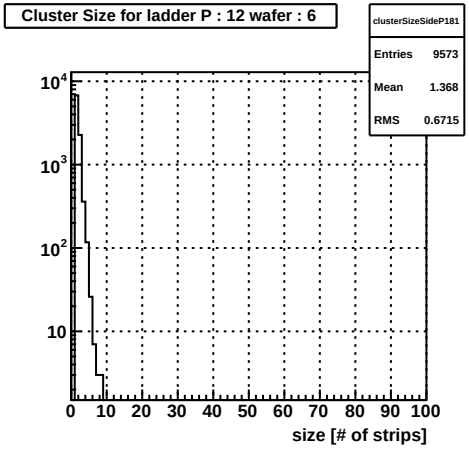

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 6669
Mean 1.198
RMS 0.5225
size [# of strips]

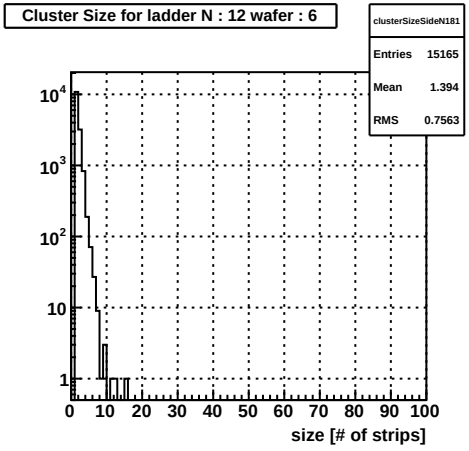

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 11203
Mean 1.408
RMS 0.7255
size [# of strips]

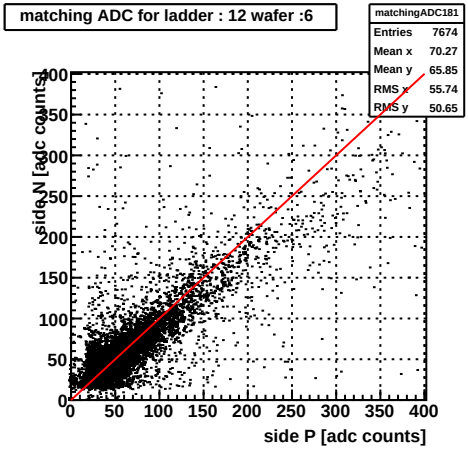

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 5031
Mean x 84.14
Mean y 76.11
RMS x 60.95
RMS y 56.38
side N [adc counts]
side P [adc counts]

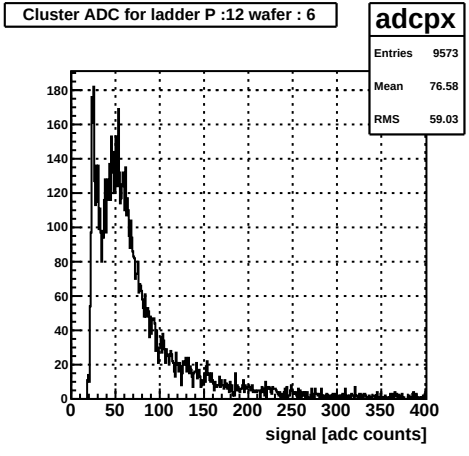

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 6669
Mean 100.7
RMS 64.21
signal [adc counts]

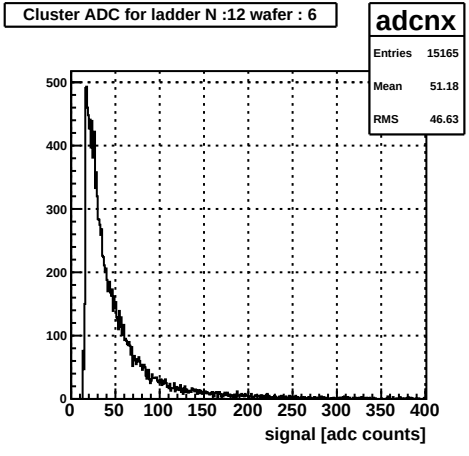

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 11203
Mean 54.34
RMS 48.94
signal [adc counts]

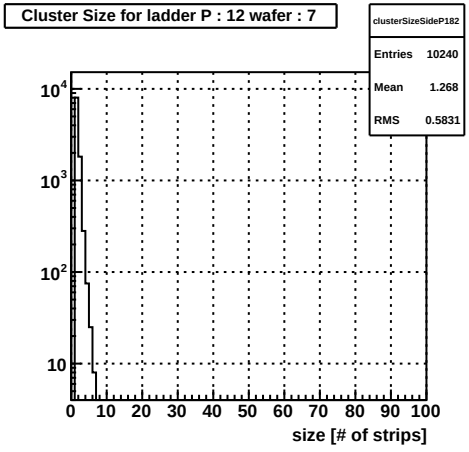

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 9573
Mean 1.368
RMS 0.6715
size [# of strips]

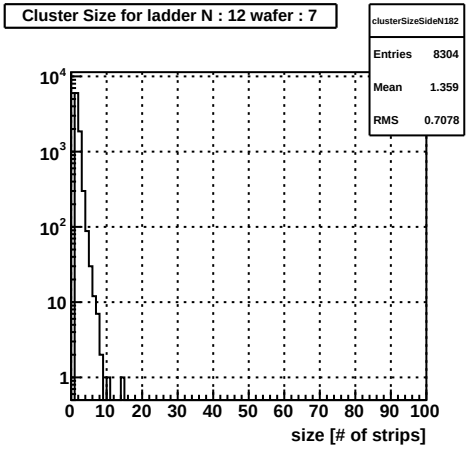

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 15165
Mean 1.394
RMS 0.7563
size [# of strips]

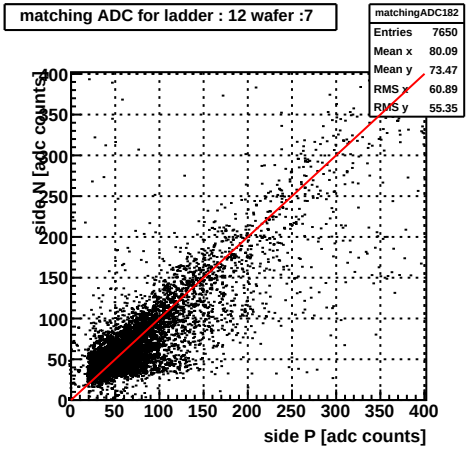

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 7674
Mean x 70.27
Mean y 65.85
RMS x 55.74
RMS y 50.65
side N [adc counts]
side P [adc counts]

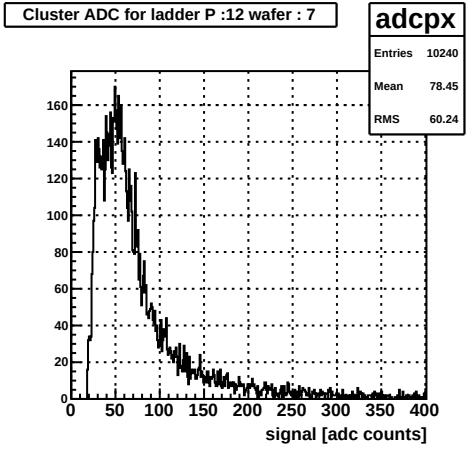

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 9573
Mean 76.58
RMS 59.03
signal [adc counts]

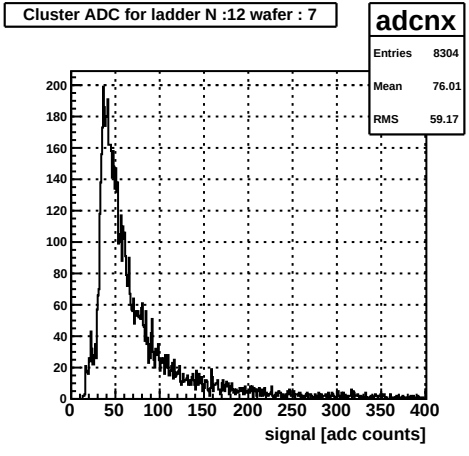

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 15165
Mean 51.18
RMS 46.63
signal [adc counts]

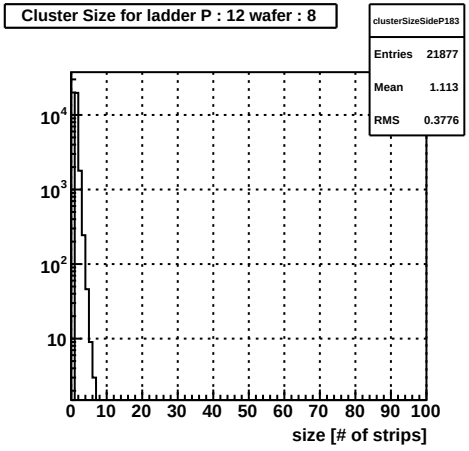

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 10240
Mean 1.268
RMS 0.5831
size [# of strips]

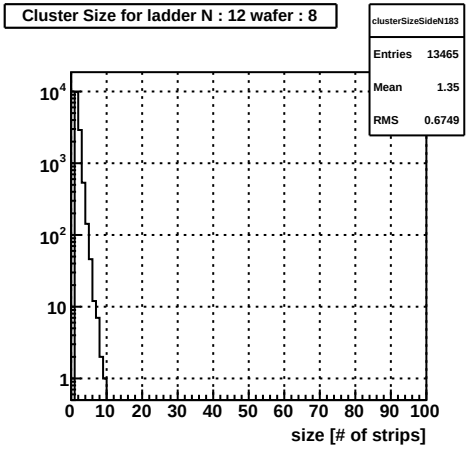

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 8304
Mean 1.359
RMS 0.7078
size [# of strips]

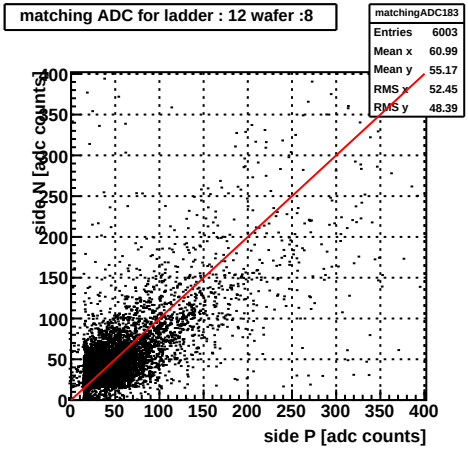

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 7650
Mean x 80.09
Mean y 73.47
RMS x 60.89
RMS y 55.35
side N [adc counts]
side P [adc counts]

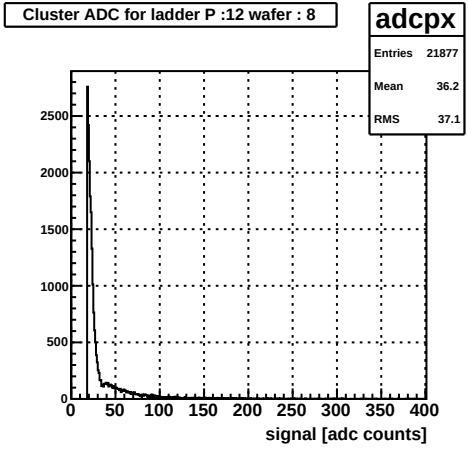

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 10240
Mean 78.45
RMS 60.24
signal [adc counts]

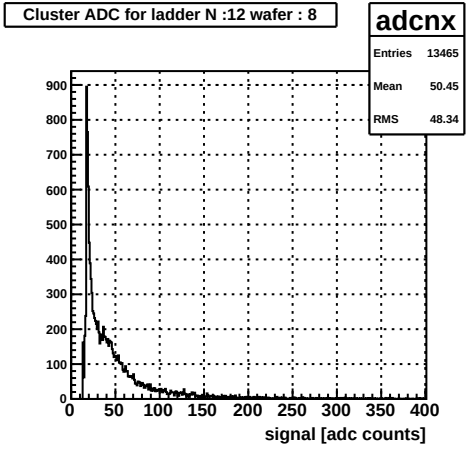

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 8304
Mean 76.01
RMS 59.17
signal [adc counts]

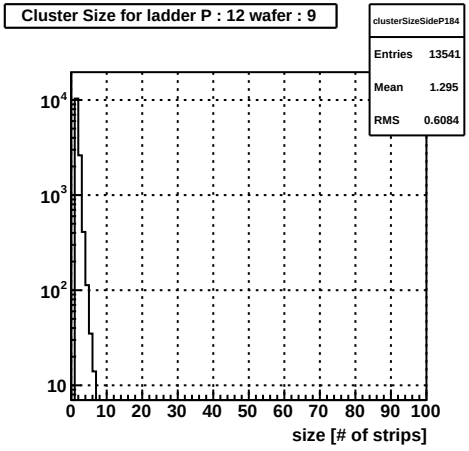

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 21877
Mean 1.113
RMS 0.3776
size [# of strips]

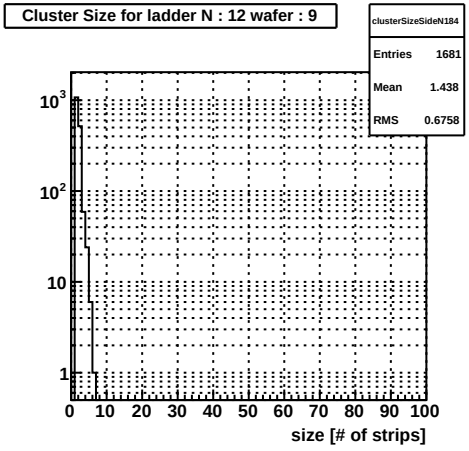

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 13465
Mean 1.35
RMS 0.6749
size [# of strips]

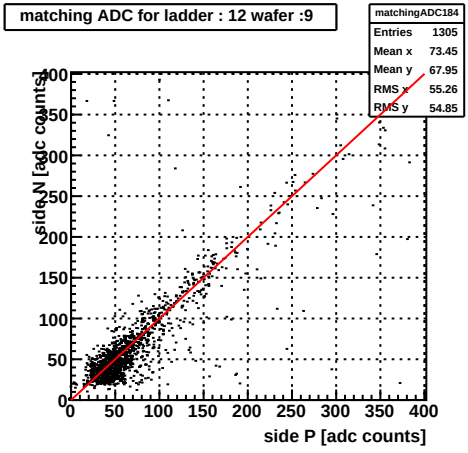

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 6003
Mean x 60.99
Mean y 55.17
RMS x 52.45
RMS y 48.39
side N [adc counts]
side P [adc counts]

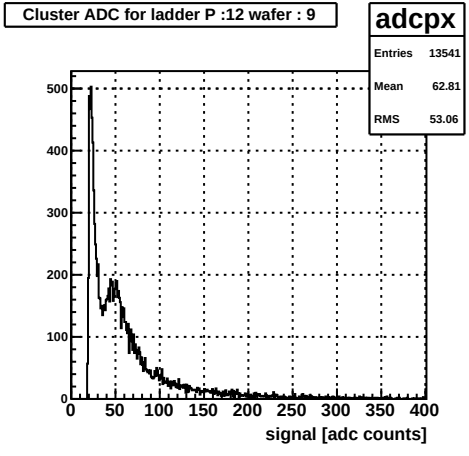

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 21877
Mean 36.2
RMS 37.1
signal [adc counts]

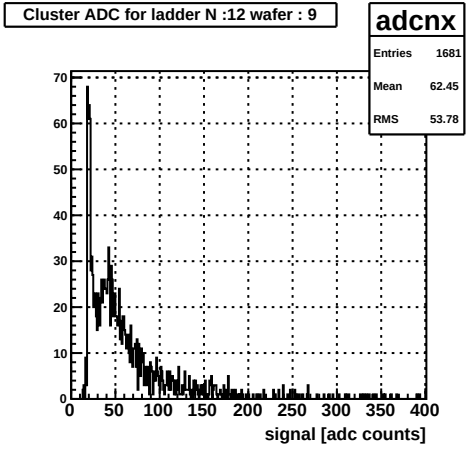

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 13465
Mean 50.45
RMS 48.34
signal [adc counts]

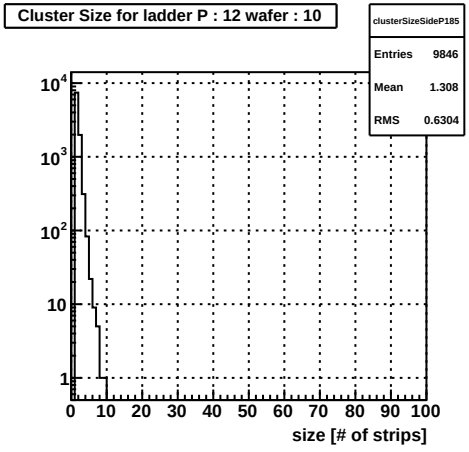

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 13541
Mean 1.295
RMS 0.6084
size [# of strips]

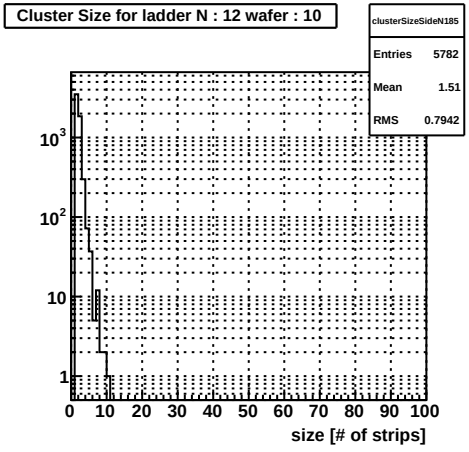

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 1681
Mean 1.438
RMS 0.6758
size [# of strips]

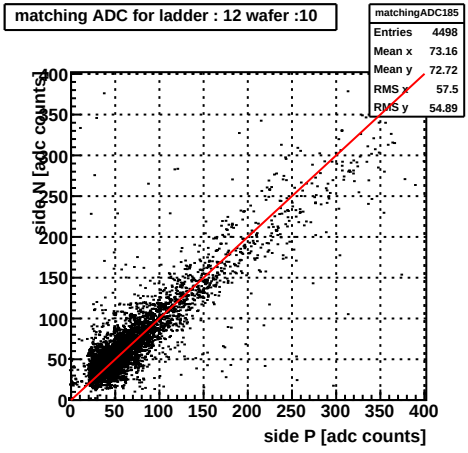

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1305
Mean x 73.45
Mean y 67.95
RMS x 55.26
RMS y 54.85
side N [adc counts]
side P [adc counts]

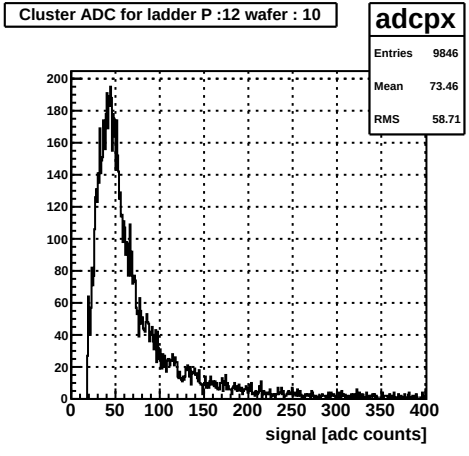

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 13541
Mean 62.81
RMS 53.06
signal [adc counts]

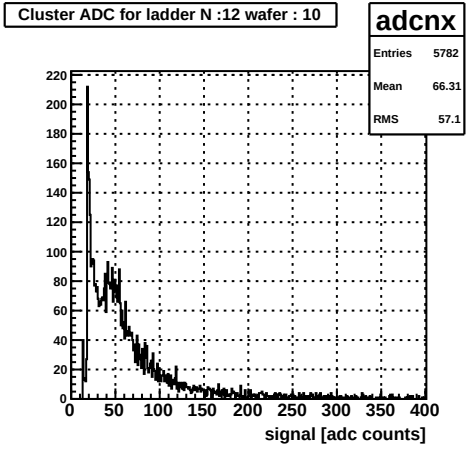

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 1681
Mean 62.45
RMS 53.78
signal [adc counts]

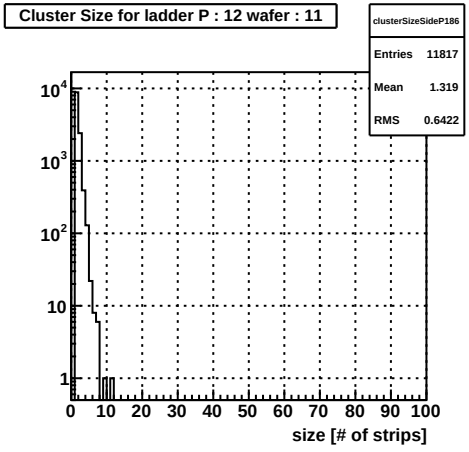

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 9846
Mean 1.308
RMS 0.6304
size [# of strips]

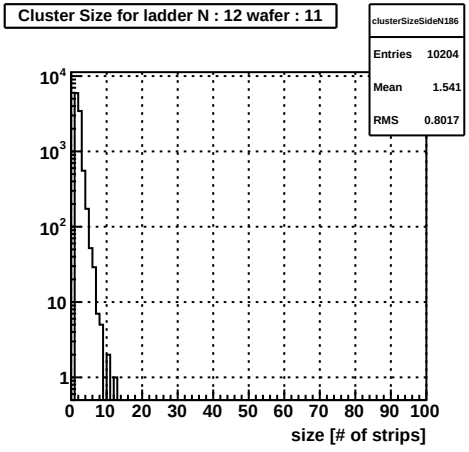

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 5782
Mean 1.51
RMS 0.7942
size [# of strips]

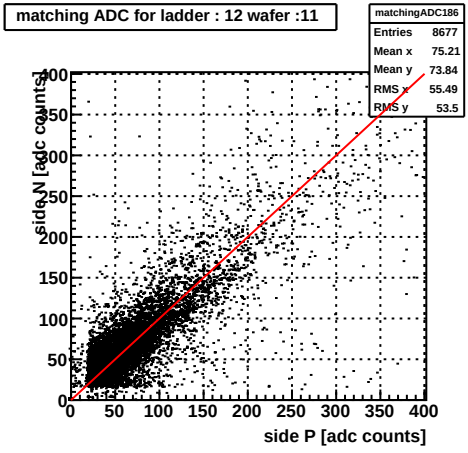

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 4498
Mean x 73.16
Mean y 72.72
RMS x 57.5
RMS y 54.89
side N [adc counts]
side P [adc counts]

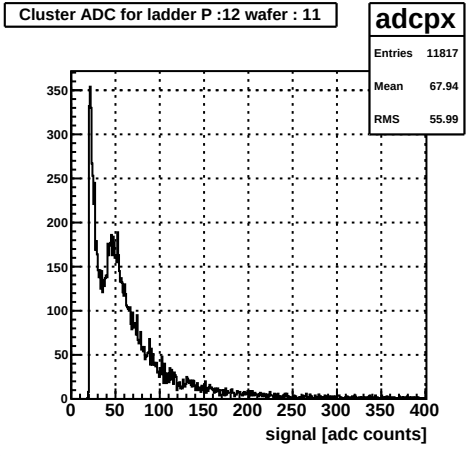

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 9846
Mean 73.46
RMS 58.71
signal [adc counts]

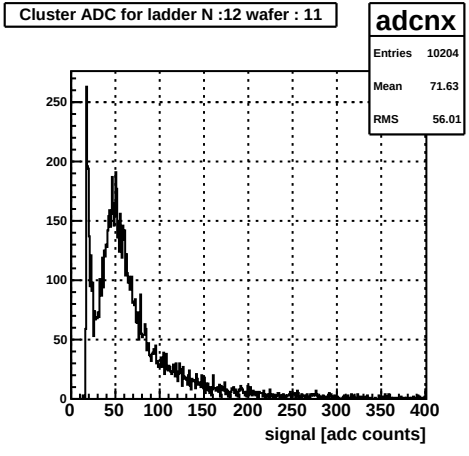

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 5782
Mean 66.31
RMS 57.1
signal [adc counts]

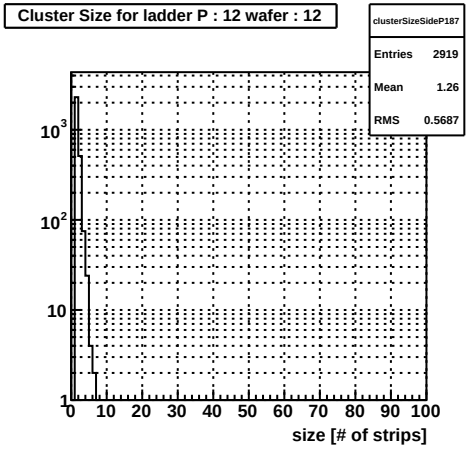

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 11817
Mean 1.319
RMS 0.6422
size [# of strips]

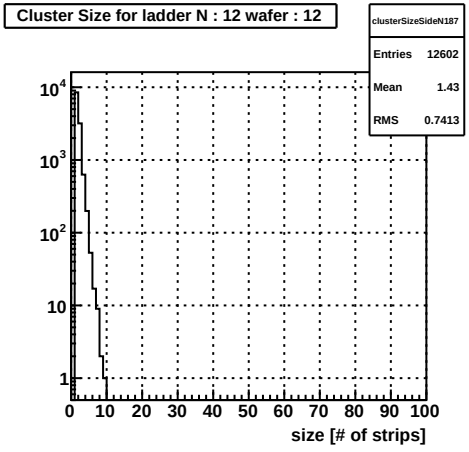

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 10204
Mean 1.541
RMS 0.8017
size [# of strips]

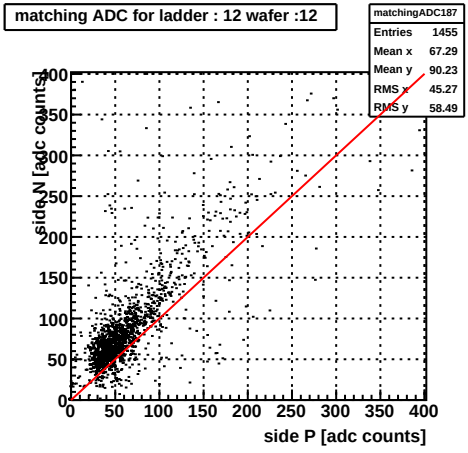

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 8677
Mean x 75.21
Mean y 73.84
RMS x 55.49
RMS y 53.5
side N [adc counts]
side P [adc counts]

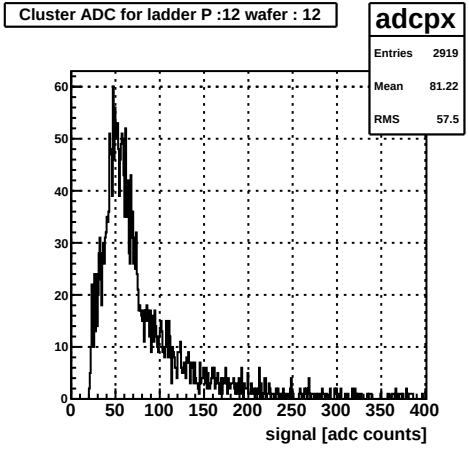

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 11817
Mean 67.94
RMS 55.99
signal [adc counts]

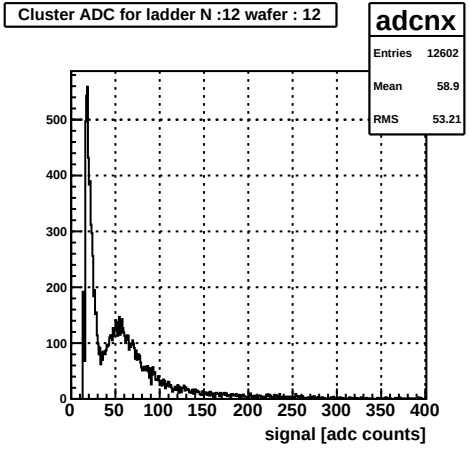

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 10204
Mean 71.63
RMS 56.01
signal [adc counts]

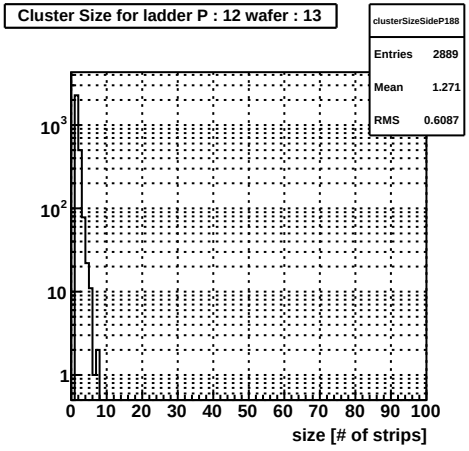

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 2919
Mean 1.26
RMS 0.5687
size [# of strips]

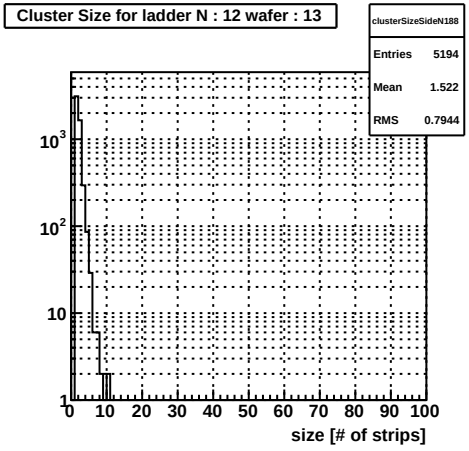

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 12602
Mean 1.43
RMS 0.7413
size [# of strips]

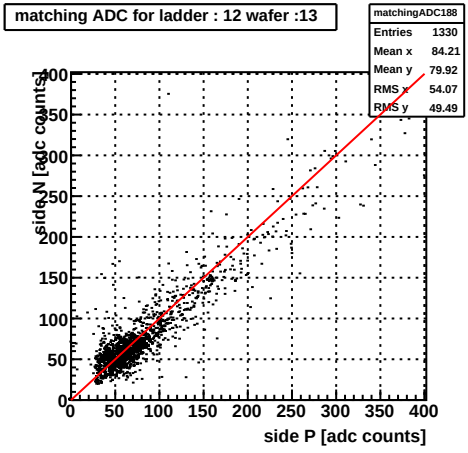

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1455
Mean x 67.29
Mean y 90.23
RMS x 45.27
RMS y 58.49
side N [adc counts]
side P [adc counts]

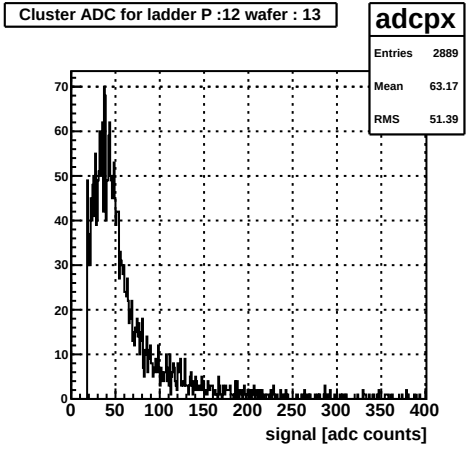

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 2919
Mean 81.22
RMS 57.5
signal [adc counts]

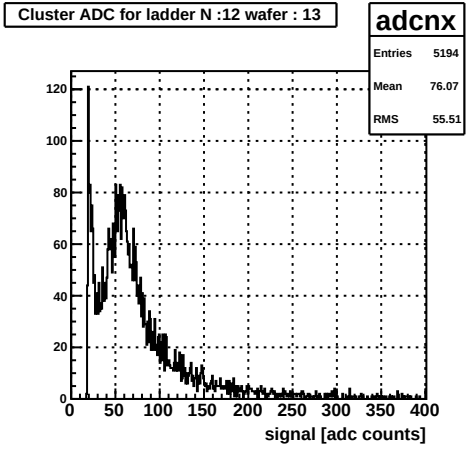

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 12602
Mean 58.9
RMS 53.21
signal [adc counts]

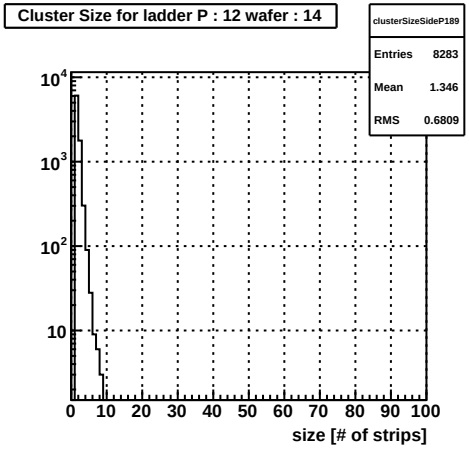

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 2889
Mean 1.271
RMS 0.6087
size [# of strips]

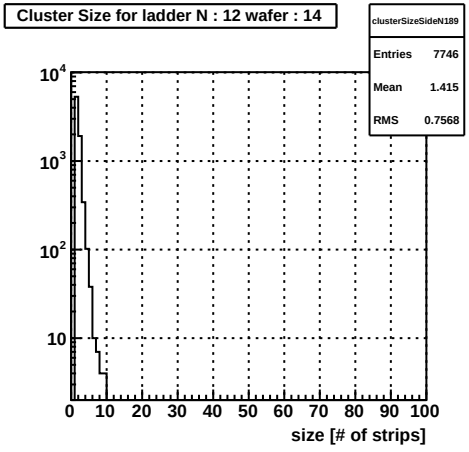

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 5194
Mean 1.522
RMS 0.7944
size [# of strips]

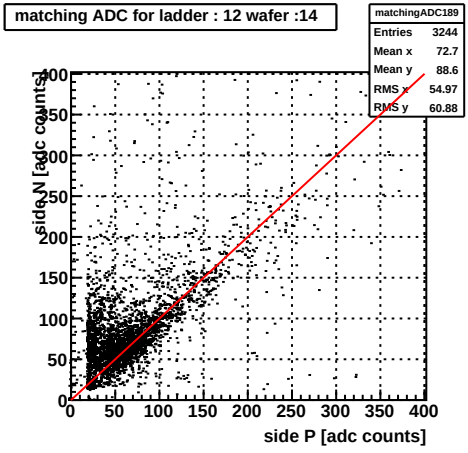

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1330
Mean x 84.21
Mean y 79.92
RMS x 54.07
RMS y 49.49
side N [adc counts]
side P [adc counts]

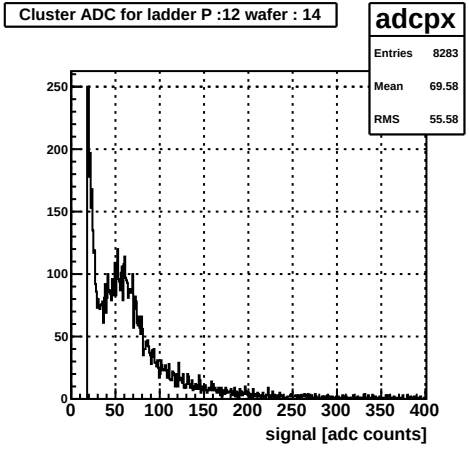

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 2889
Mean 63.17
RMS 51.39
signal [adc counts]

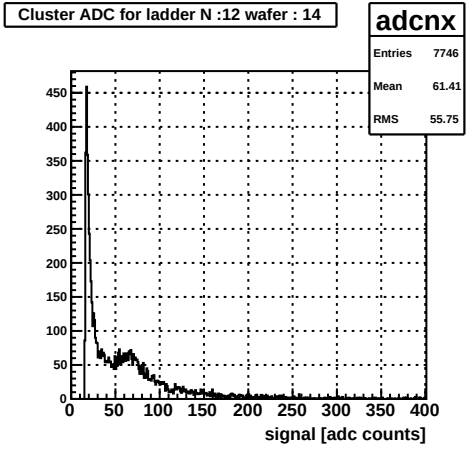

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 5194
Mean 76.07
RMS 55.51
signal [adc counts]

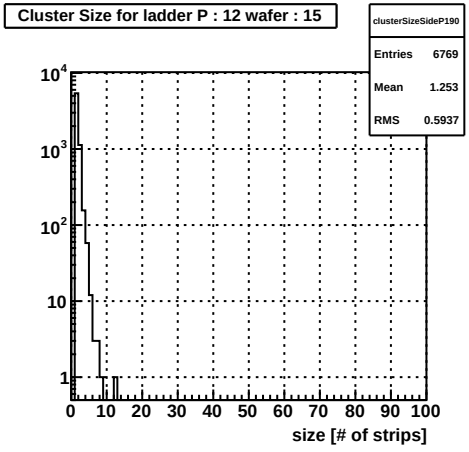

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 8283
Mean 1.346
RMS 0.6809
size [# of strips]

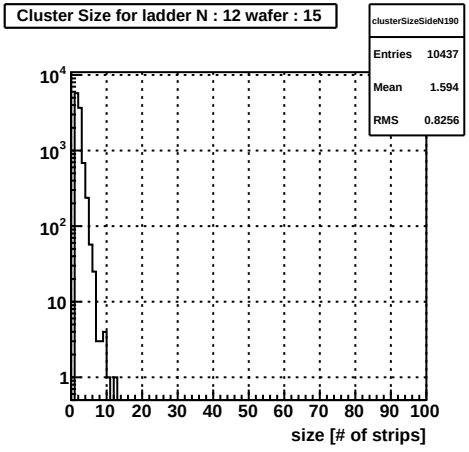

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 7746
Mean 1.415
RMS 0.7568
size [# of strips]

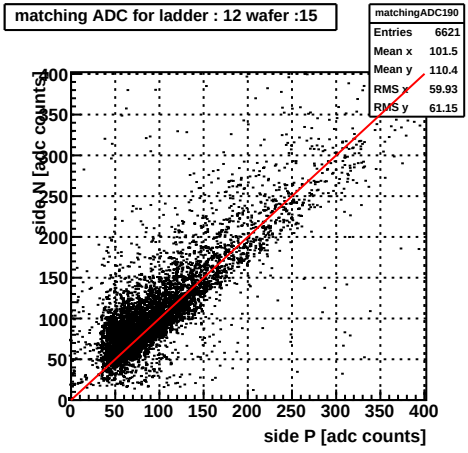

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 3244
Mean x 72.7
Mean y 88.6
RMS x 54.97
RMS y 60.88
side N [adc counts]
side P [adc counts]

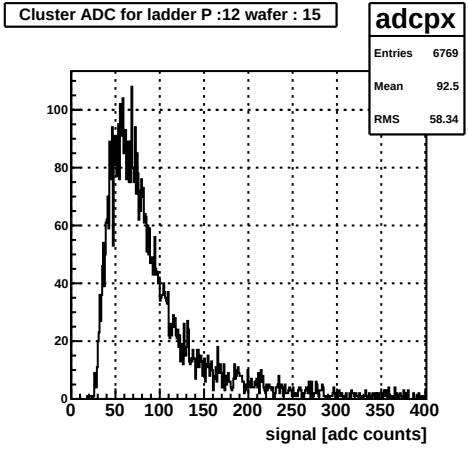

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 8283
Mean 69.58
RMS 55.58
signal [adc counts]

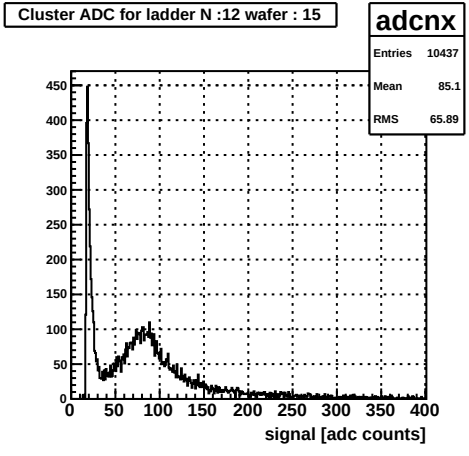

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 7746
Mean 61.41
RMS 55.75
signal [adc counts]

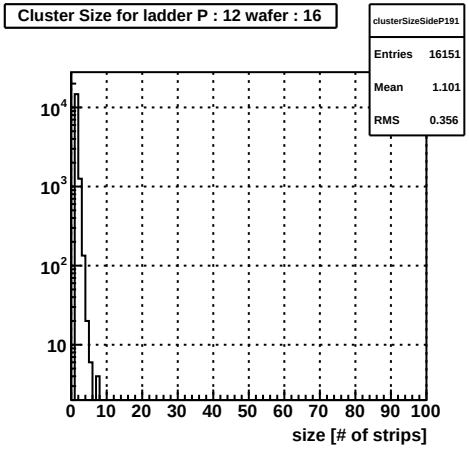

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 6769
Mean 1.253
RMS 0.5937
size [# of strips]

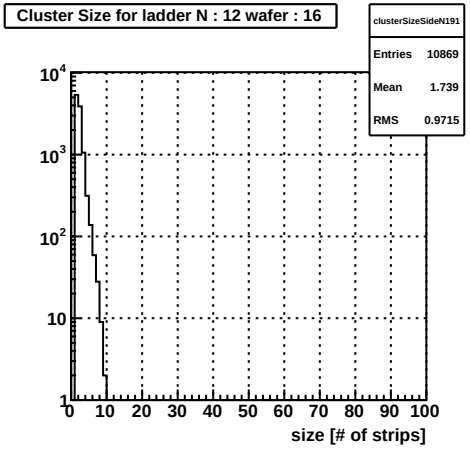

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 10437
Mean 1.594
RMS 0.8256
size [# of strips]

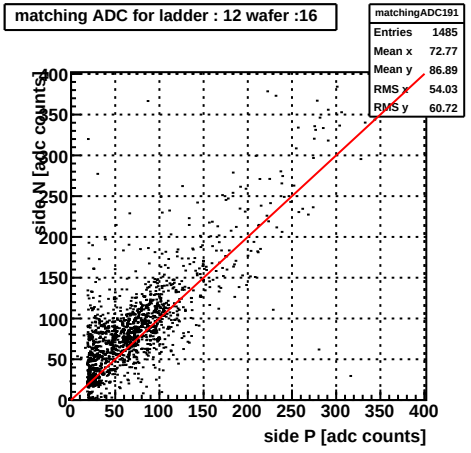

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 6621
Mean x 101.5
Mean y 110.4
RMS x 59.93
RMS y 61.15
side N [adc counts]
side P [adc counts]

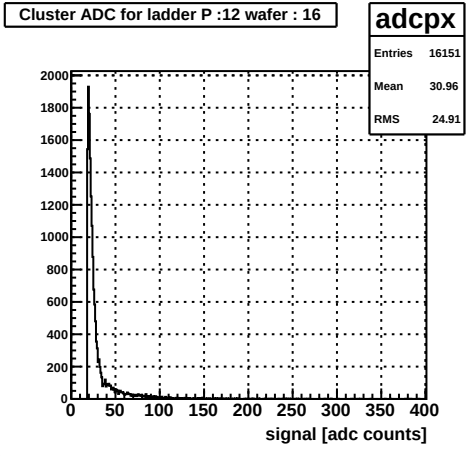

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 6769
Mean 92.5
RMS 58.34
signal [adc counts]

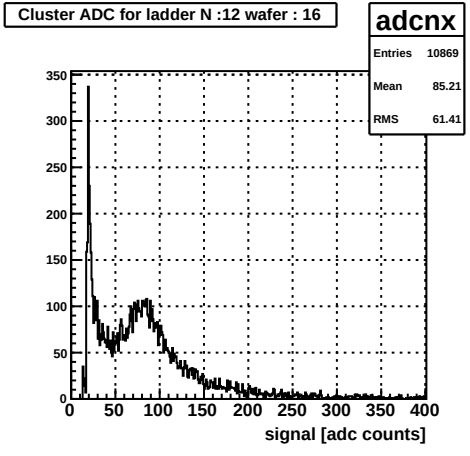

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 10437
Mean 85.1
RMS 65.89
signal [adc counts]

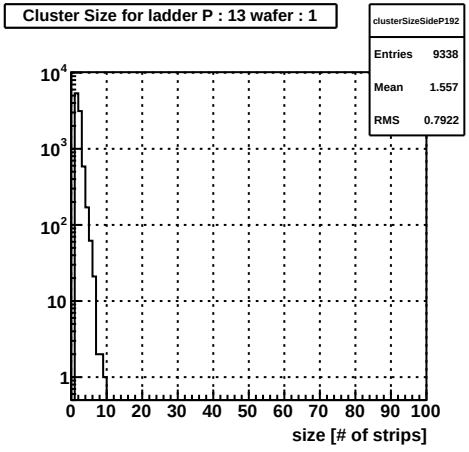

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 16151
Mean 1.101
RMS 0.356
size [# of strips]

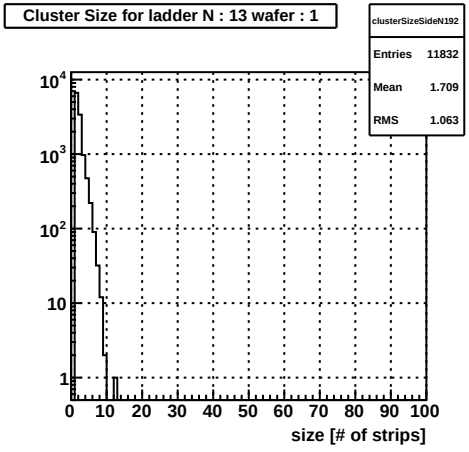

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 10869
Mean 1.739
RMS 0.9715
size [# of strips]

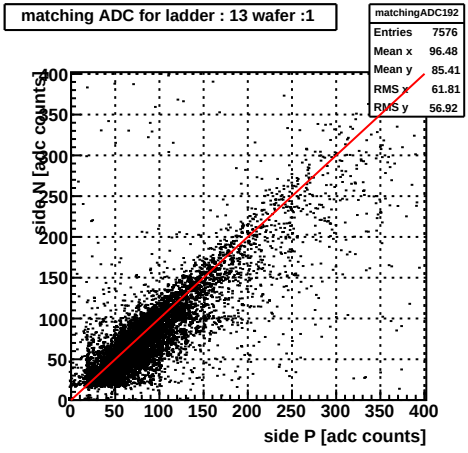

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1485
Mean x 72.77
Mean y 86.89
RMS x 54.03
RMS y 60.72
side N [adc counts]
side P [adc counts]

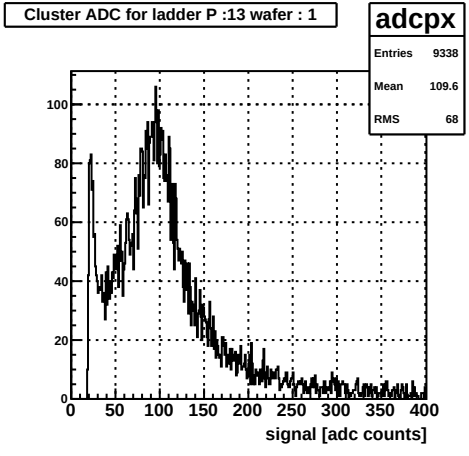

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 16151
Mean 30.96
RMS 24.91
signal [adc counts]

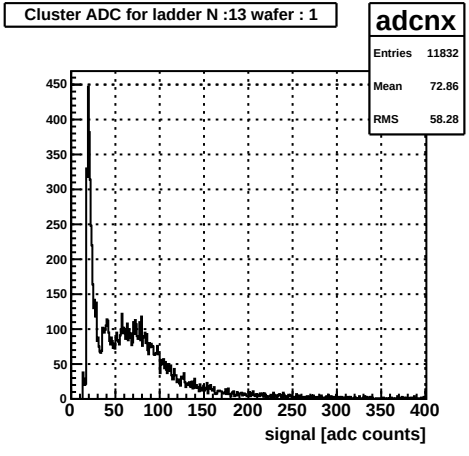

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 10869
Mean 85.21
RMS 61.41
signal [adc counts]

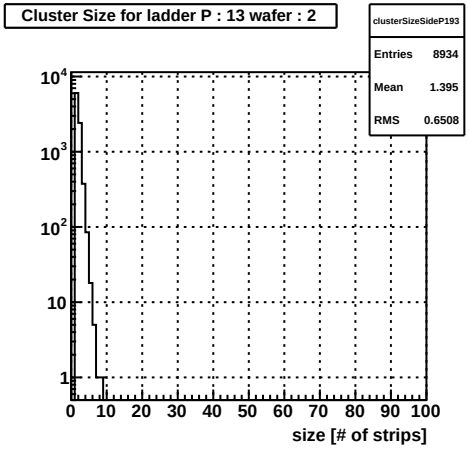

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 9338
Mean 1.557
RMS 0.7922
size [# of strips]

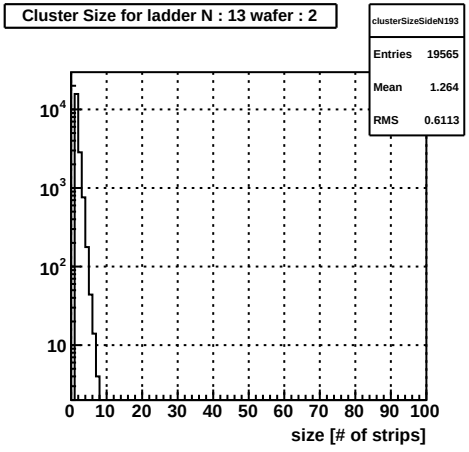

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 11832
Mean 1.709
RMS 1.063
size [# of strips]

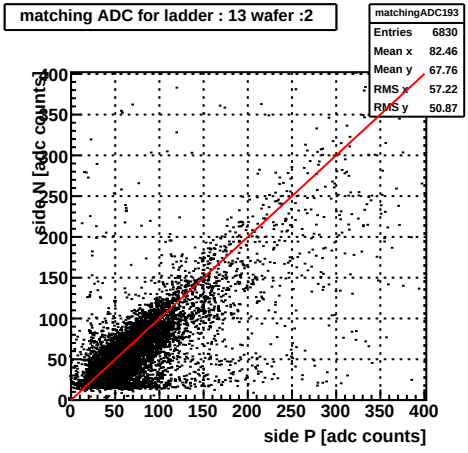

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 7576
Mean x 96.48
Mean y 85.41
RMS x 61.81
RMS y 56.92
side N [adc counts]
side P [adc counts]

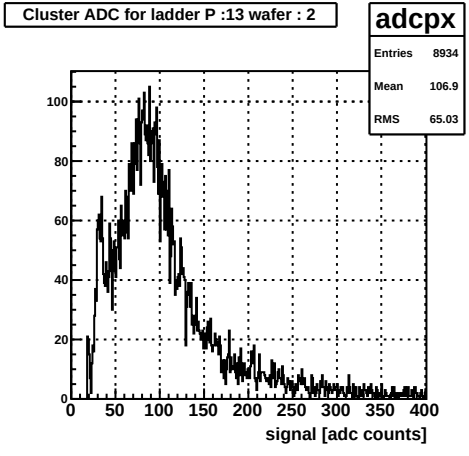

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 9338
Mean 109.6
RMS 68
signal [adc counts]

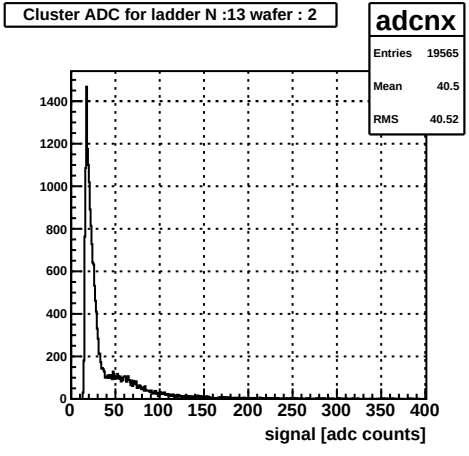

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 11832
Mean 72.86
RMS 58.28
signal [adc counts]

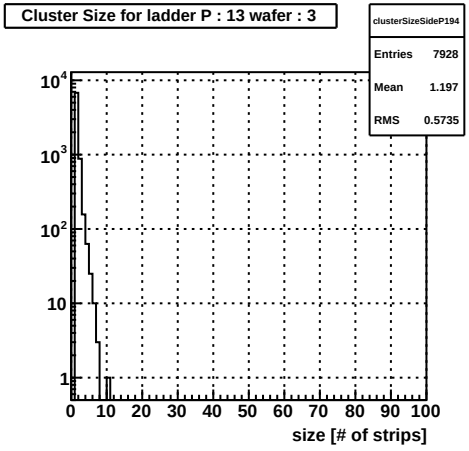

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 8934
Mean 1.395
RMS 0.6508
size [# of strips]

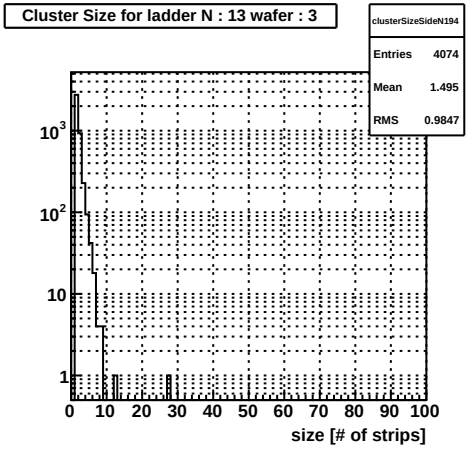

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 19565
Mean 1.264
RMS 0.6113
size [# of strips]

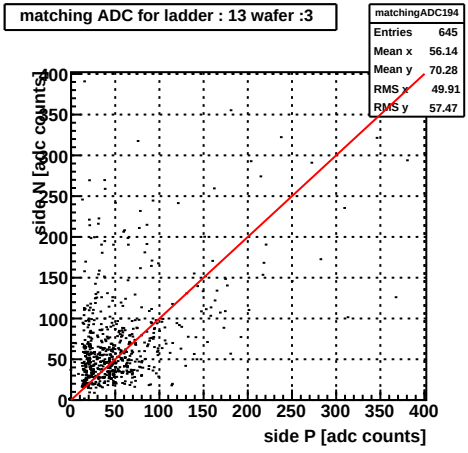

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 6830
Mean x 82.46
Mean y 67.76
RMS x 57.22
RMS y 50.87
side N [adc counts]
side P [adc counts]

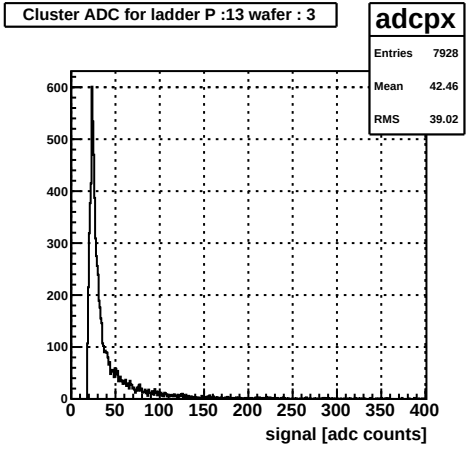

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 8934
Mean 106.9
RMS 65.03
signal [adc counts]

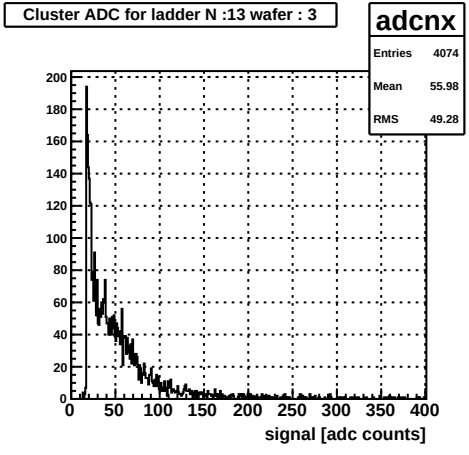

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 19565
Mean 40.5
RMS 40.52
signal [adc counts]

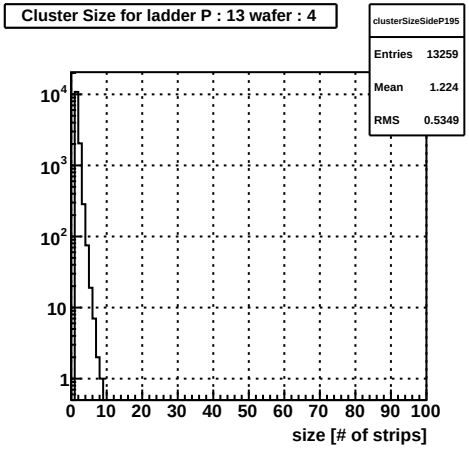

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 7928
Mean 1.197
RMS 0.5735
size [# of strips]

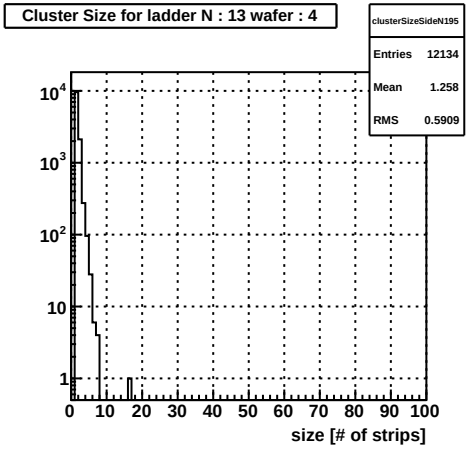

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 4074
Mean 1.495
RMS 0.9847
size [# of strips]

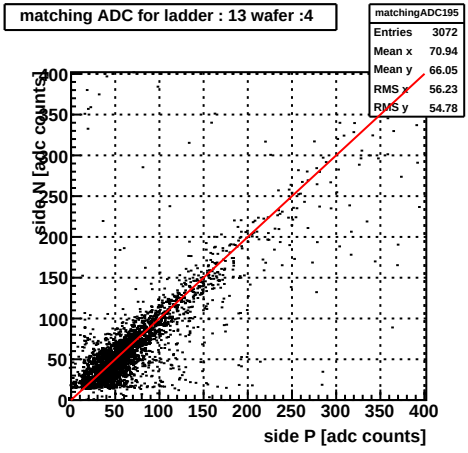

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 645
Mean x 56.14
Mean y 70.28
RMS x 49.91
RMS y 57.47
side N [adc counts]
side P [adc counts]

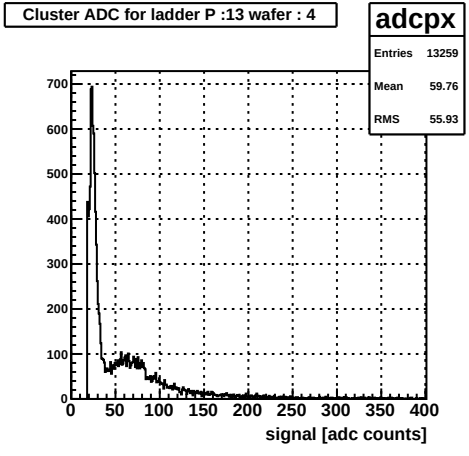

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 7928
Mean 42.46
RMS 39.02
signal [adc counts]

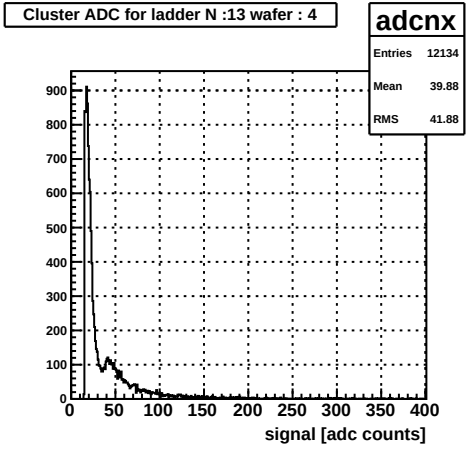

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 4074
Mean 55.98
RMS 49.28
signal [adc counts]

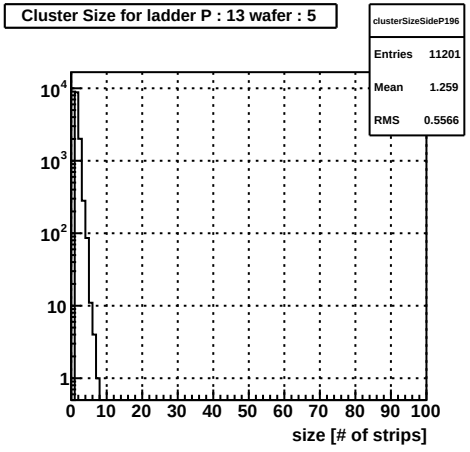

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 13259
Mean 1.224
RMS 0.5349
size [# of strips]

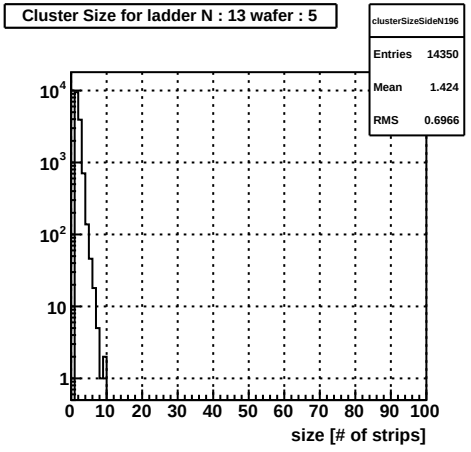

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 12134
Mean 1.258
RMS 0.5909
size [# of strips]

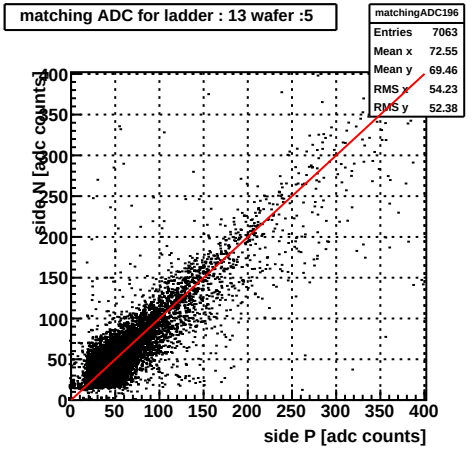

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 3072
Mean x 70.94
Mean y 66.05
RMS x 56.23
RMS y 54.78
side N [adc counts]
side P [adc counts]

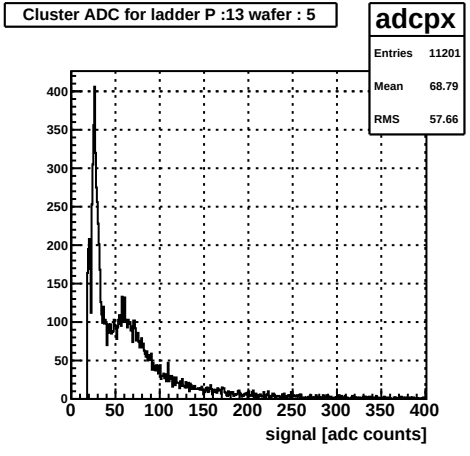

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 13259
Mean 59.76
RMS 55.93
signal [adc counts]

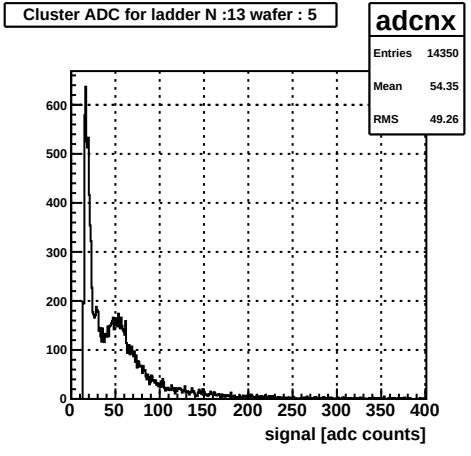

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 12134
Mean 39.88
RMS 41.88
signal [adc counts]

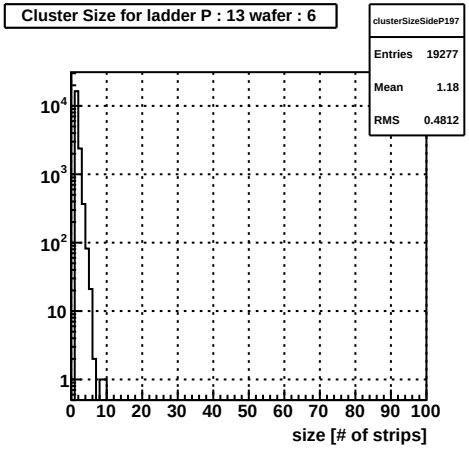

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 11201
Mean 1.259
RMS 0.5566
size [# of strips]

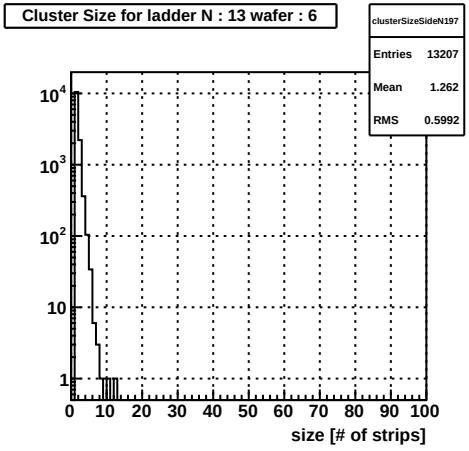

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 14350
Mean 1.424
RMS 0.6966
size [# of strips]

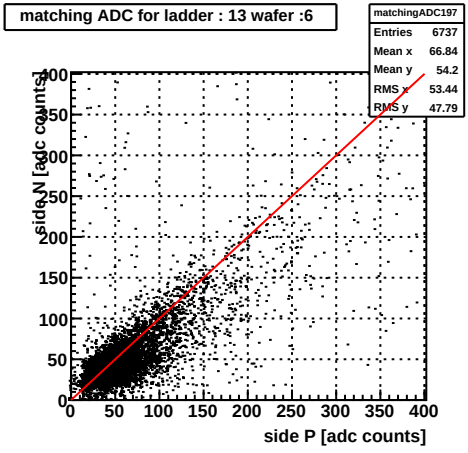

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 7063
Mean x 72.55
Mean y 69.46
RMS x 54.23
RMS y 52.38
side N [adc counts]
side P [adc counts]

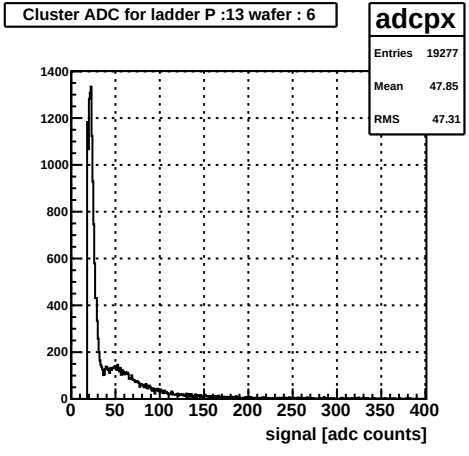

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 11201
Mean 68.79
RMS 57.66
signal [adc counts]

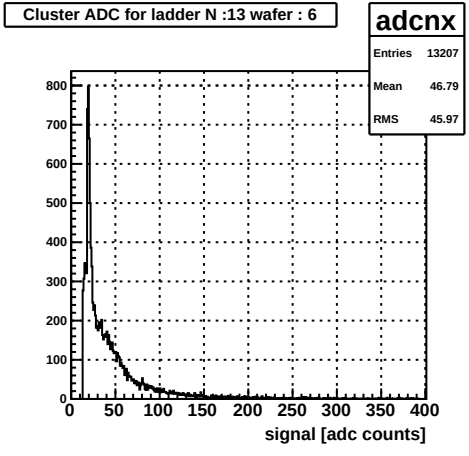

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 14350
Mean 54.35
RMS 49.26
signal [adc counts]

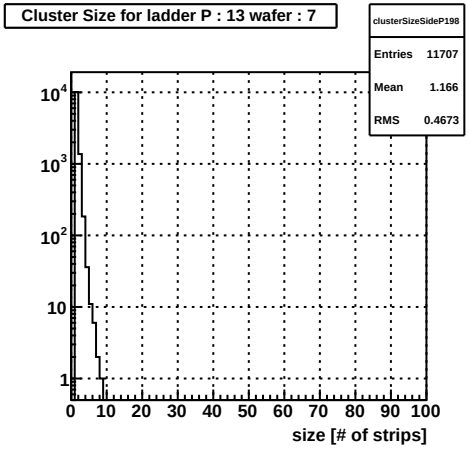

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 19277
Mean 1.18
RMS 0.4812
size [# of strips]

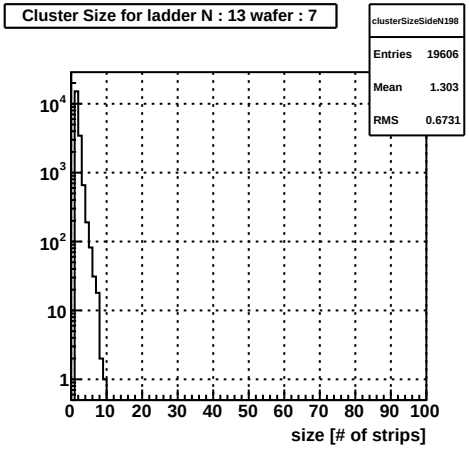

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 13207
Mean 1.262
RMS 0.5992
size [# of strips]

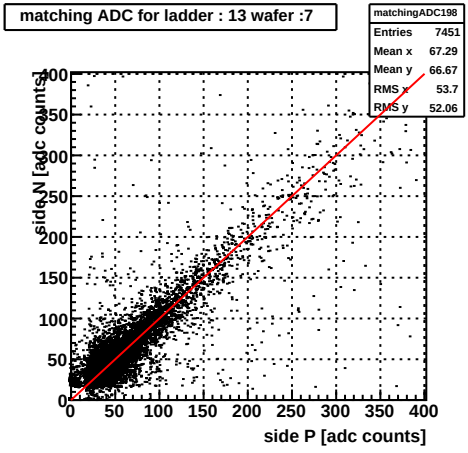

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 6737
Mean x 66.84
Mean y 54.2
RMS x 53.44
RMS y 47.79
side N [adc counts]
side P [adc counts]

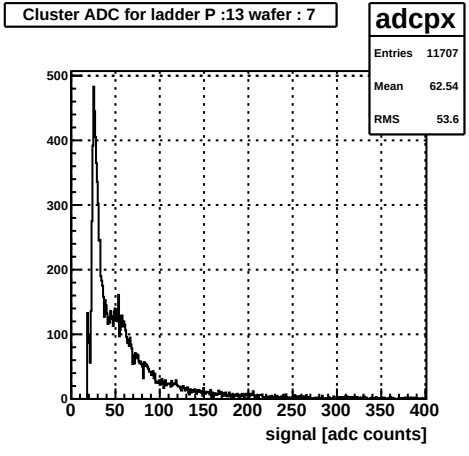

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 19277
Mean 47.85
RMS 47.31
signal [adc counts]

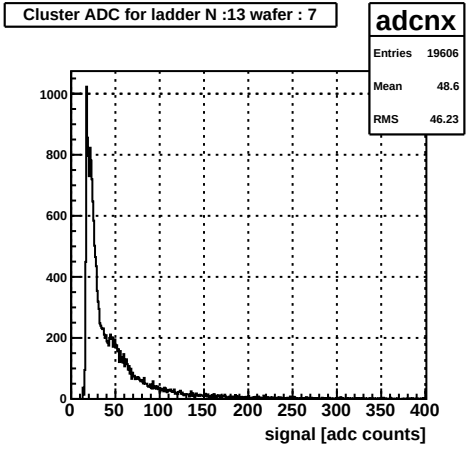

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 13207
Mean 46.79
RMS 45.97
signal [adc counts]

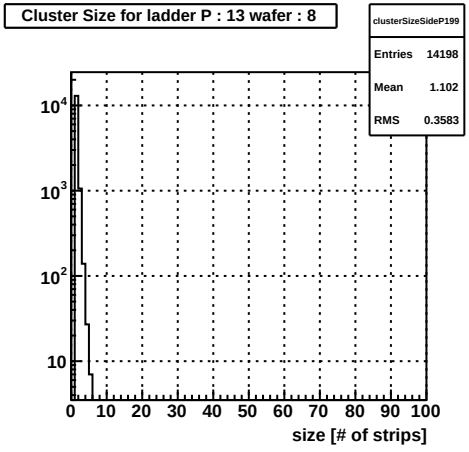

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 11707
Mean 1.166
RMS 0.4673
size [# of strips]

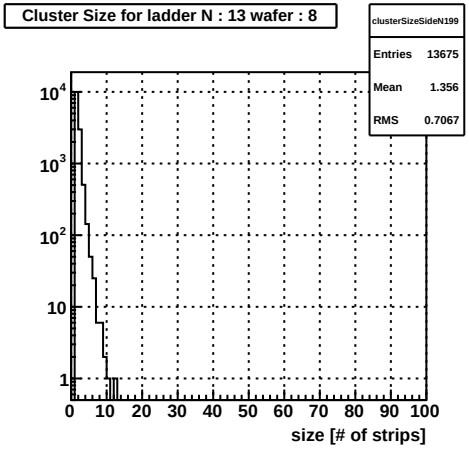

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 19606
Mean 1.303
RMS 0.6731
size [# of strips]

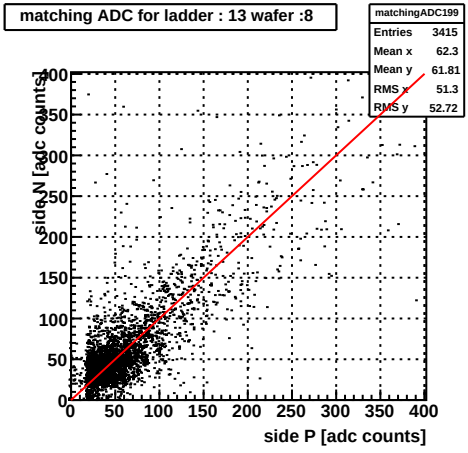

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 7451
Mean x 67.29
Mean y 66.67
RMS x 53.7
RMS y 52.06
side N [adc counts]
side P [adc counts]

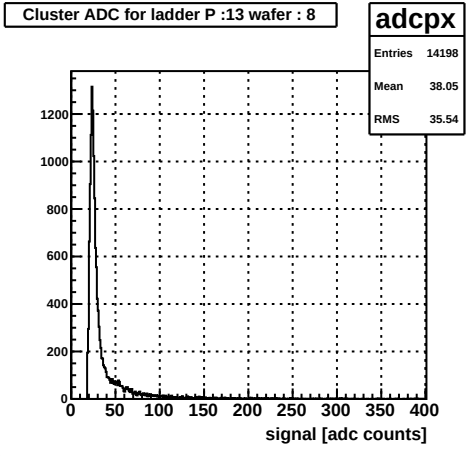

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 11707
Mean 62.54
RMS 53.6
signal [adc counts]

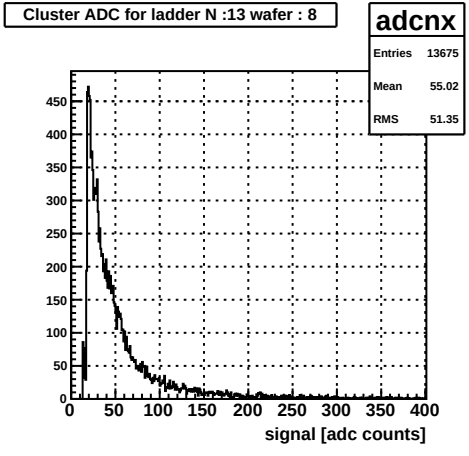

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 19606
Mean 48.6
RMS 46.23
signal [adc counts]

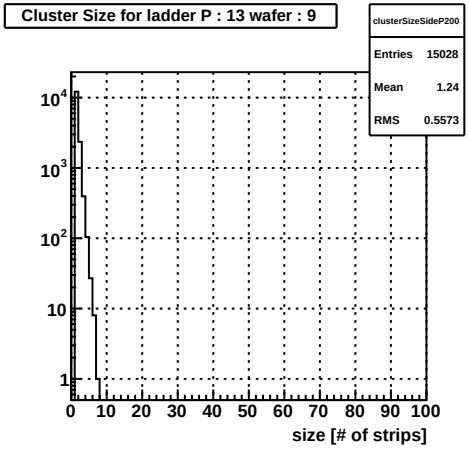

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 14198
Mean 1.102
RMS 0.3583
size [# of strips]

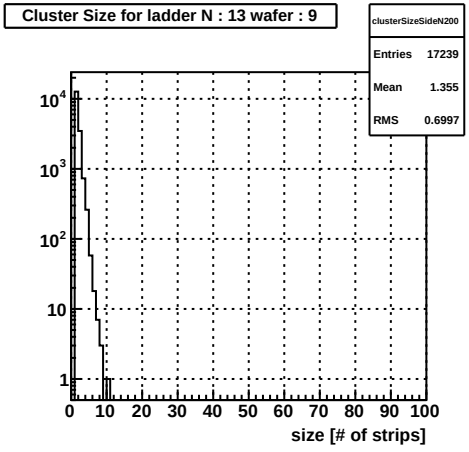

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 13675
Mean 1.356
RMS 0.7067
size [# of strips]

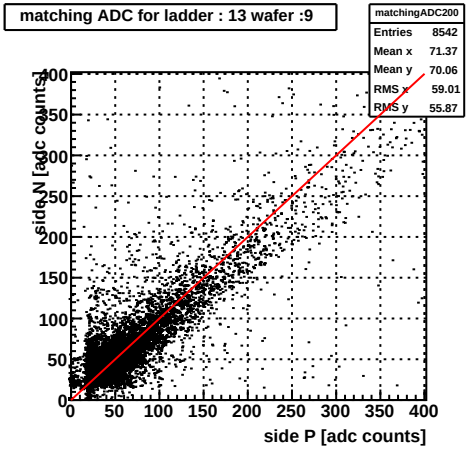

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 3415
Mean x 62.3
Mean y 61.81
RMS x 51.3
RMS y 52.72
side N [adc counts]
side P [adc counts]

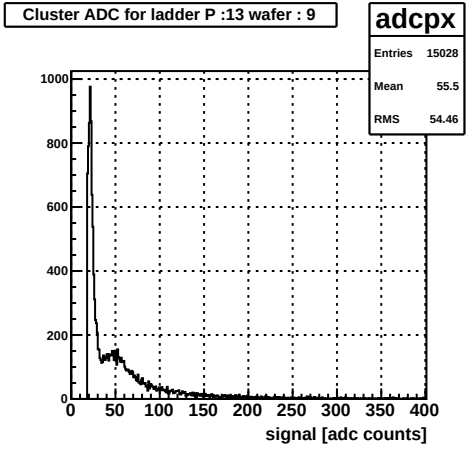

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 14198
Mean 38.05
RMS 35.54
signal [adc counts]

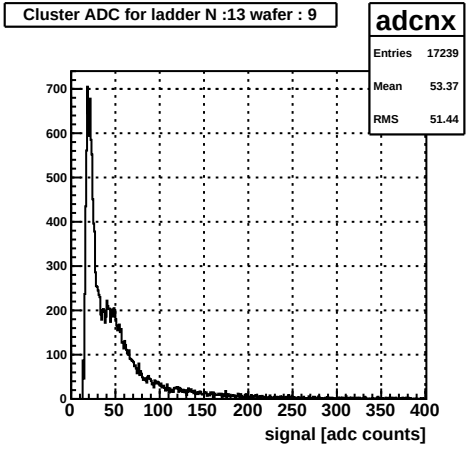

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 13675
Mean 55.02
RMS 51.35
signal [adc counts]

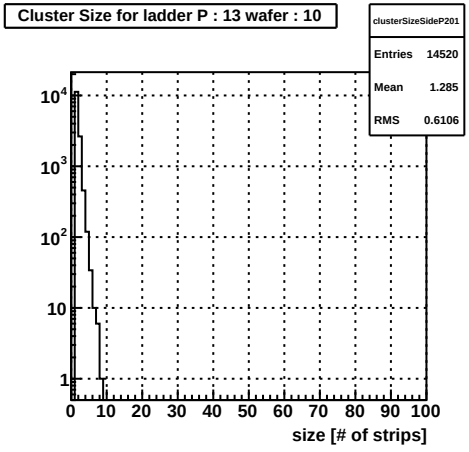

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 15028
Mean 1.24
RMS 0.5573
size [# of strips]

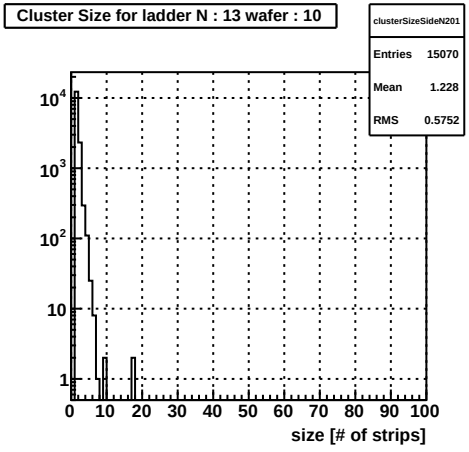

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 17239
Mean 1.355
RMS 0.6997
size [# of strips]

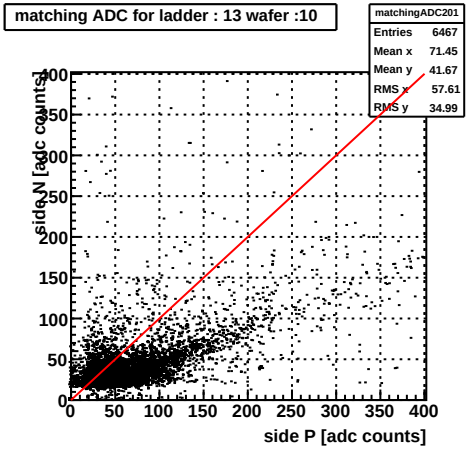

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 8542
Mean x 71.37
Mean y 70.06
RMS x 59.01
RMS y 55.87
side N [adc counts]
side P [adc counts]

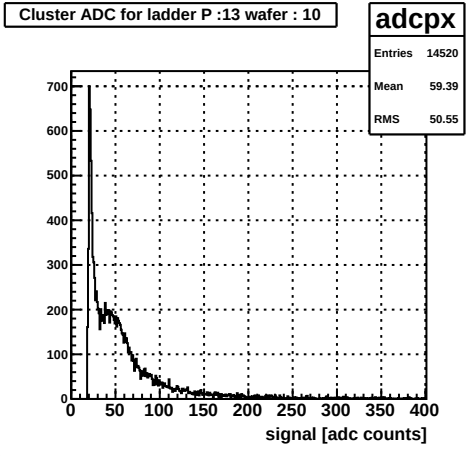

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 15028
Mean 55.5
RMS 54.46
signal [adc counts]

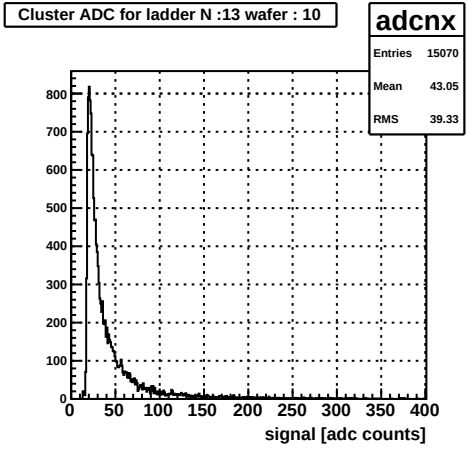

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 17239
Mean 53.37
RMS 51.44
signal [adc counts]

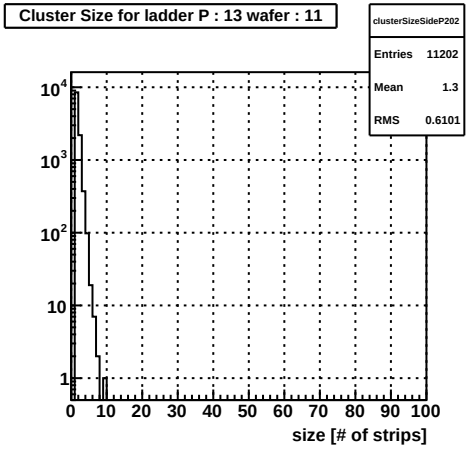

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 14520
Mean 1.285
RMS 0.6106
size [# of strips]

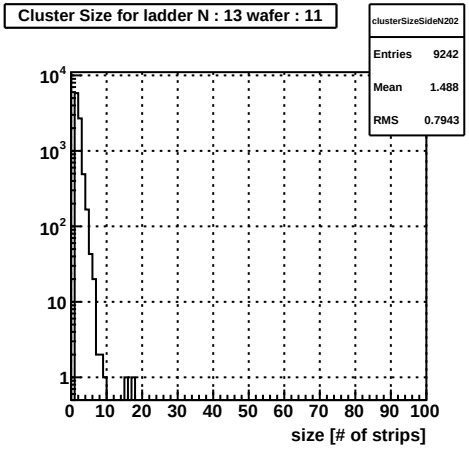

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 15070
Mean 1.228
RMS 0.5752
size [# of strips]

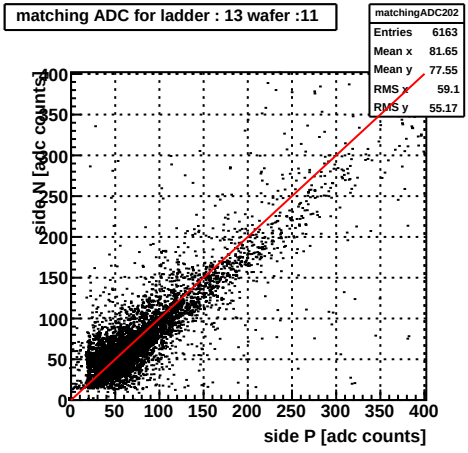

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 6467
Mean x 71.45
Mean y 41.67
RMS x 57.61
RMS y 34.99
side N [adc counts]
side P [adc counts]

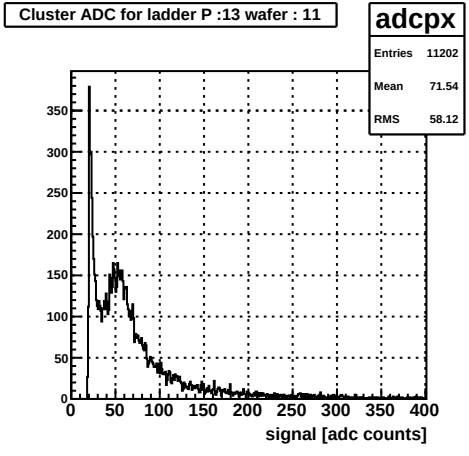

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 14520
Mean 59.39
RMS 50.55
signal [adc counts]

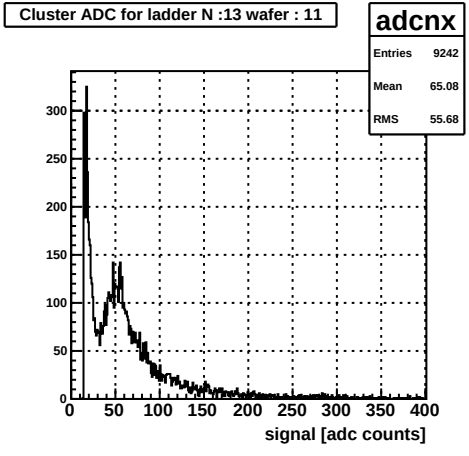

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 15070
Mean 43.05
RMS 39.33
signal [adc counts]

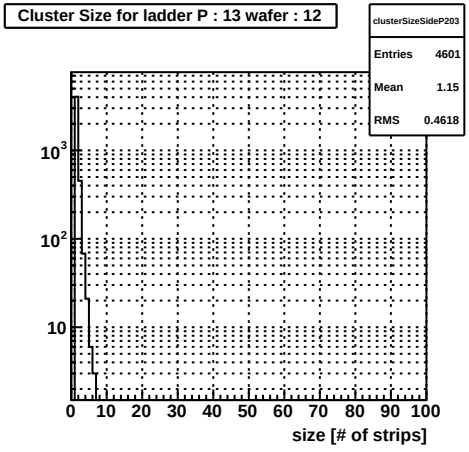

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 11202
Mean 1.3
RMS 0.6101
size [# of strips]

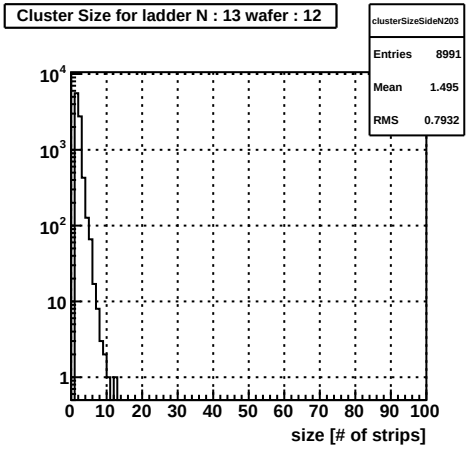

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 9242
Mean 1.488
RMS 0.7943
size [# of strips]

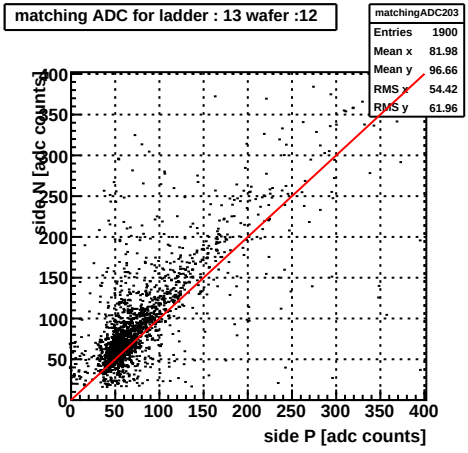

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 6163
Mean x 81.65
Mean y 77.55
RMS x 59.1
RMS y 55.17
side N [adc counts]
side P [adc counts]

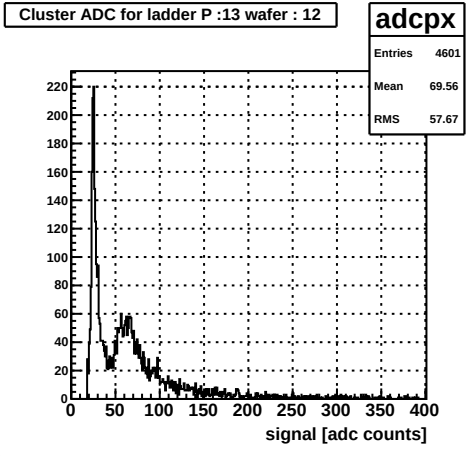

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 11202
Mean 71.54
RMS 58.12
signal [adc counts]

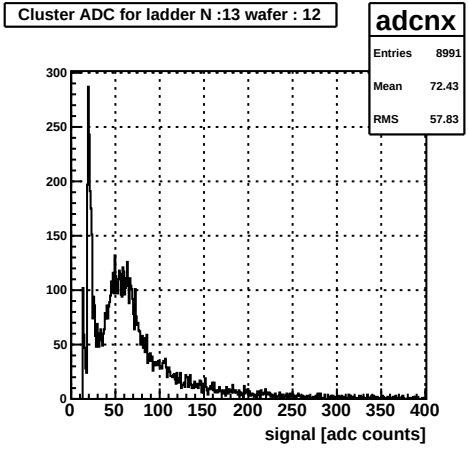

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 9242
Mean 65.08
RMS 55.68
signal [adc counts]

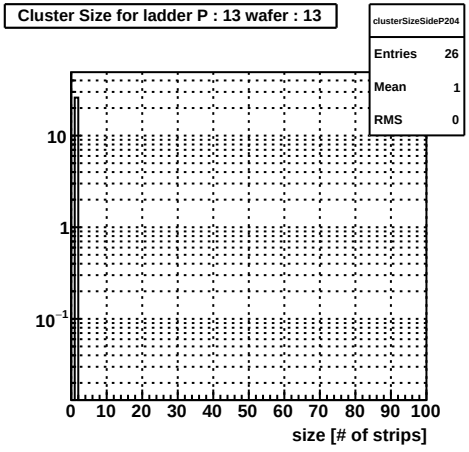

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 4601
Mean 1.15
RMS 0.4618
size [# of strips]

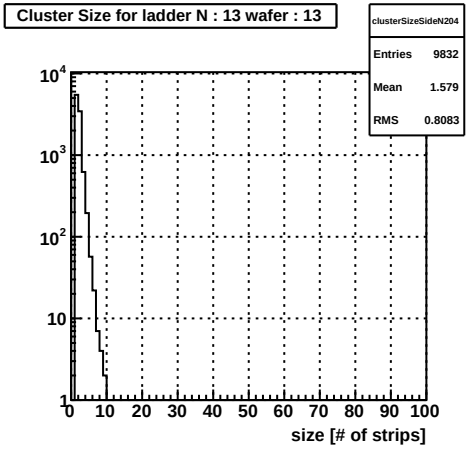

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 8991
Mean 1.495
RMS 0.7932
size [# of strips]

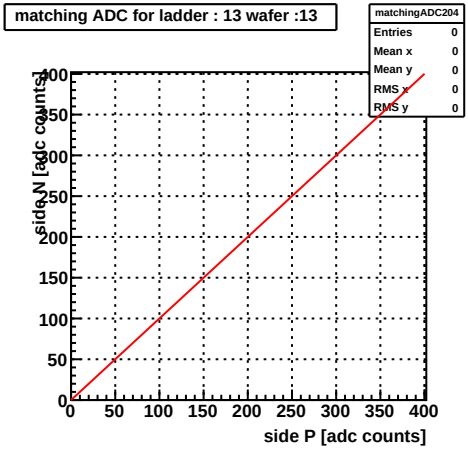

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1900
Mean x 81.98
Mean y 96.66
RMS x 54.42
RMS y 61.96
side N [adc counts]
side P [adc counts]

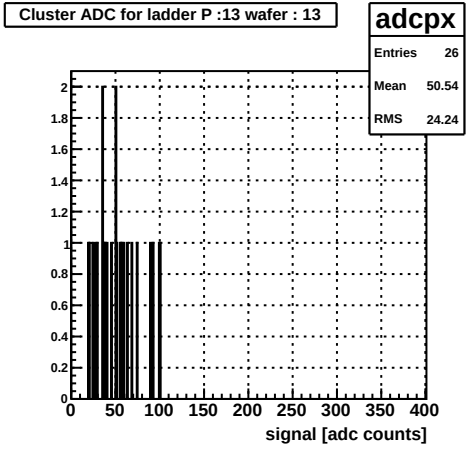

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 4601
Mean 69.56
RMS 57.67
signal [adc counts]

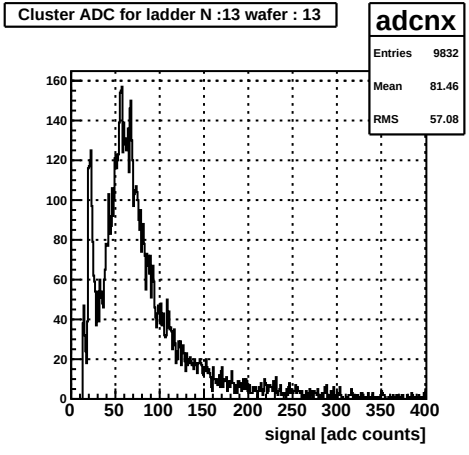

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 8991
Mean 72.43
RMS 57.83
signal [adc counts]

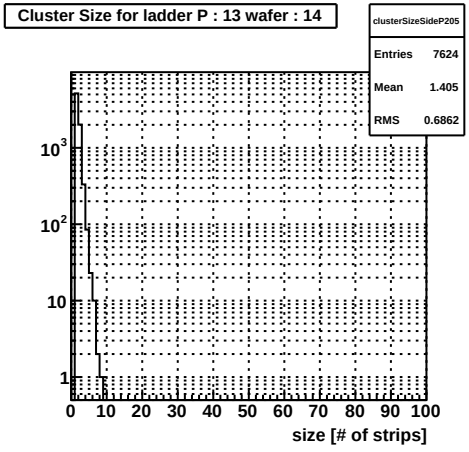

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 26
Mean 1
RMS 0
size [# of strips]

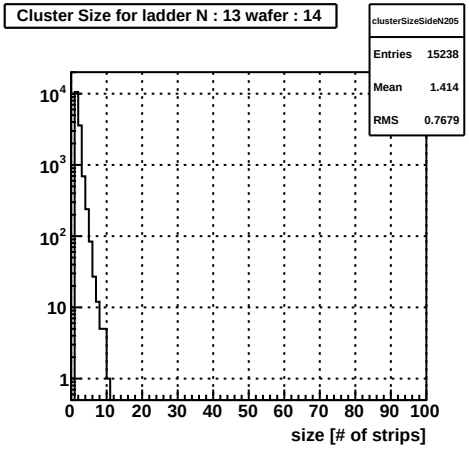

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 9832
Mean 1.579
RMS 0.8083
size [# of strips]

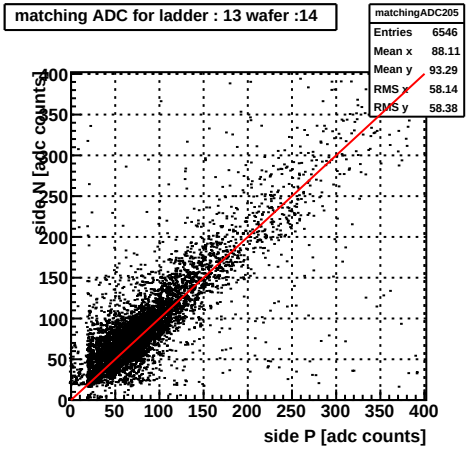

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

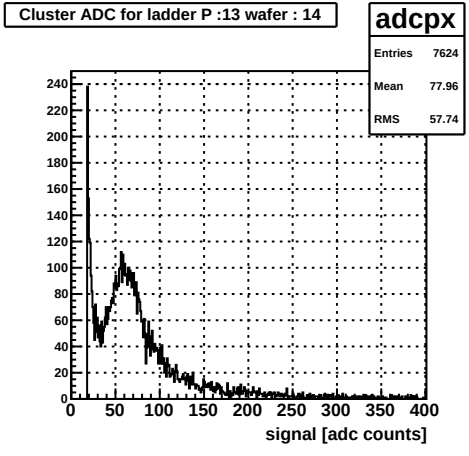

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 26
Mean 50.54
RMS 24.24
signal [adc counts]

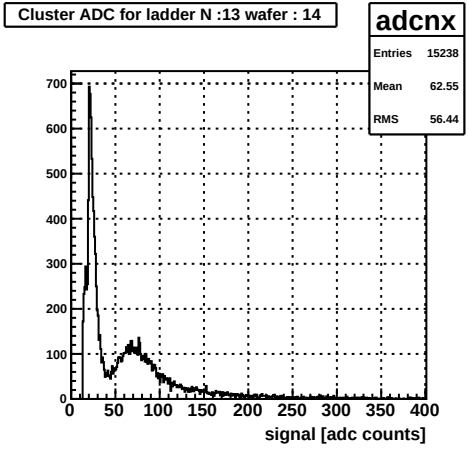

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 9832
Mean 81.46
RMS 57.08
signal [adc counts]

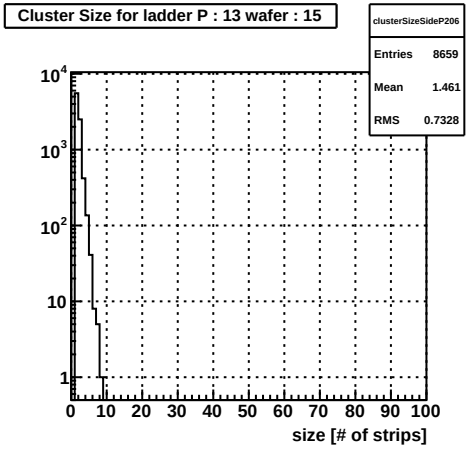

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 7624
Mean 1.405
RMS 0.6862
size [# of strips]

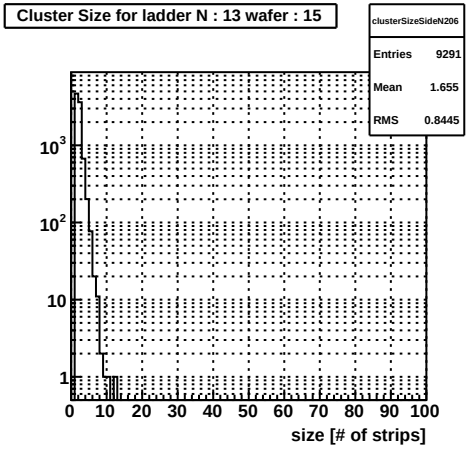

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 15238
Mean 1.414
RMS 0.7679
size [# of strips]

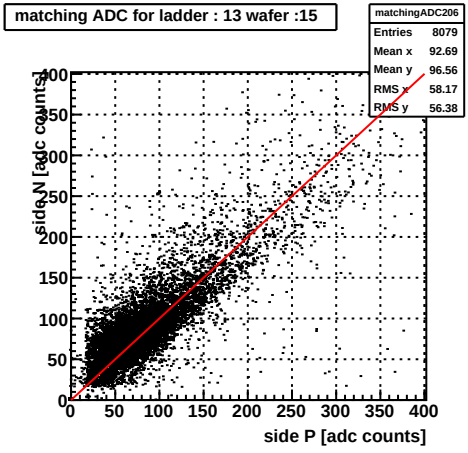

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 6546
Mean x 88.11
Mean y 93.29
RMS x 58.14
RMS y 58.38
side N [adc counts]
side P [adc counts]

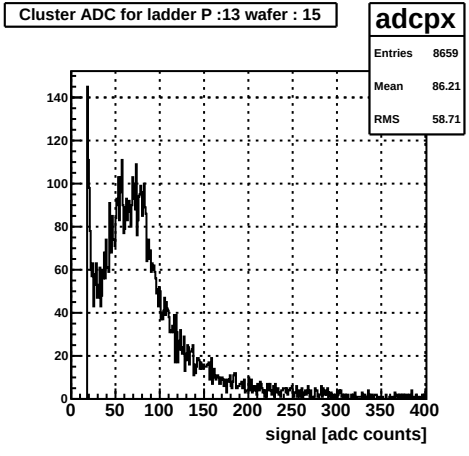

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 7624
Mean 77.96
RMS 57.74
signal [adc counts]

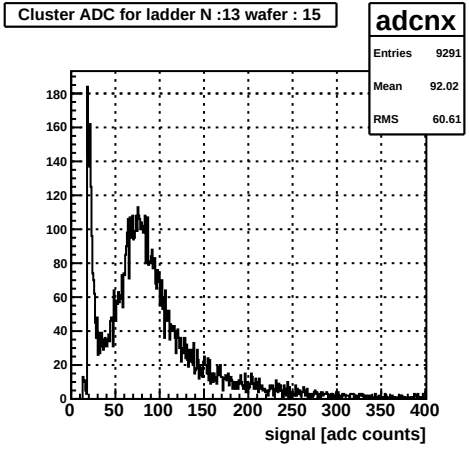

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 15238
Mean 62.55
RMS 56.44
signal [adc counts]

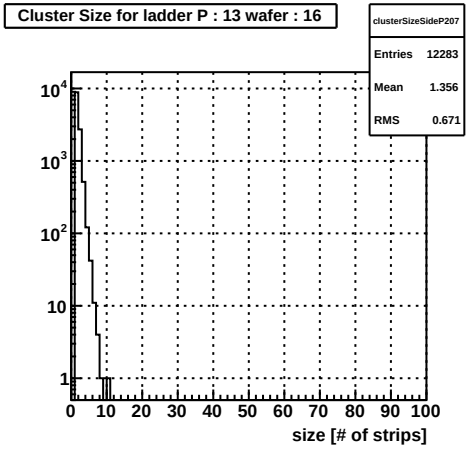

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 8659
Mean 1.461
RMS 0.7328
size [# of strips]

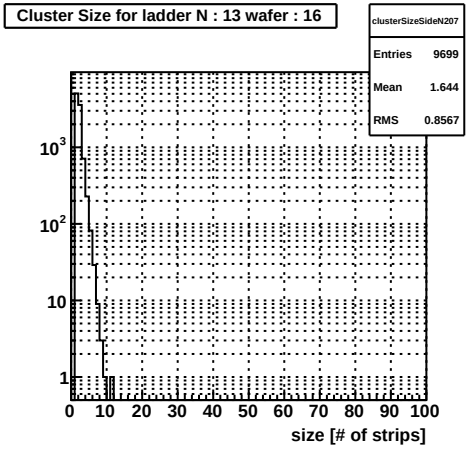

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 9291
Mean 1.655
RMS 0.8445
size [# of strips]

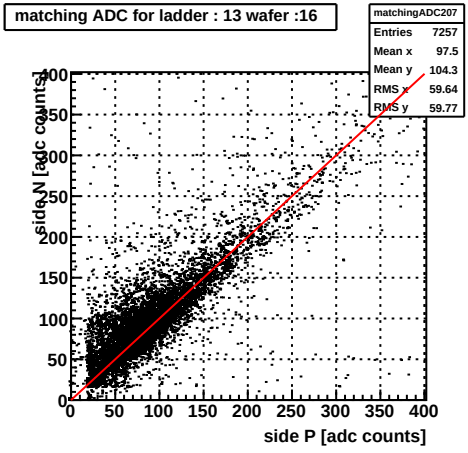

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 8079
Mean x 92.69
Mean y 96.56
RMS x 58.17
RMS y 56.38
side N [adc counts]
side P [adc counts]

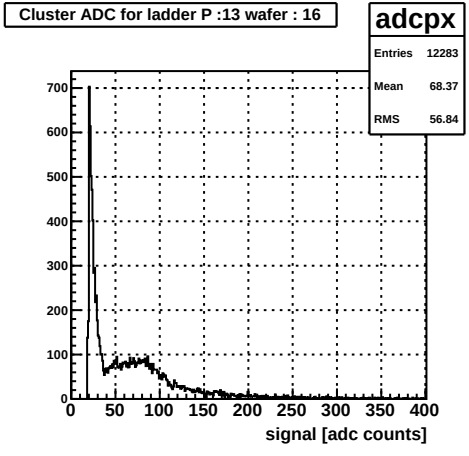

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 8659
Mean 86.21
RMS 58.71
signal [adc counts]

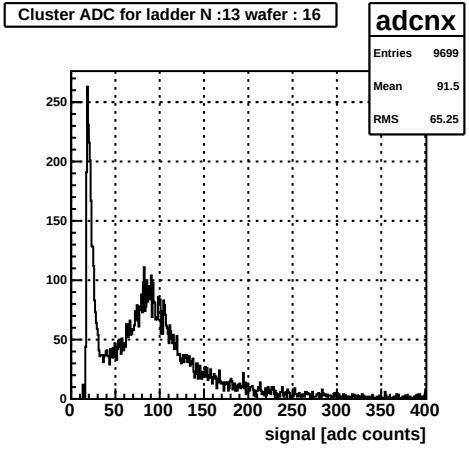

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 9291
Mean 92.02
RMS 60.61
signal [adc counts]

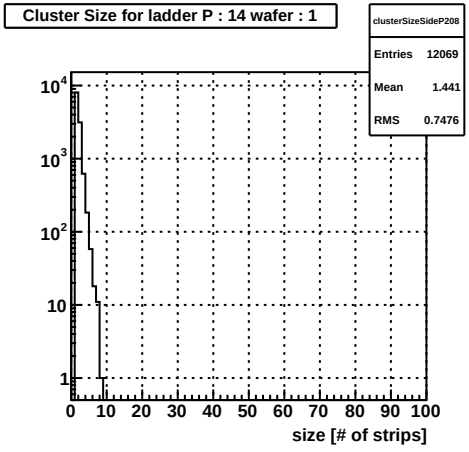

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 12283
Mean 1.356
RMS 0.671
size [# of strips]

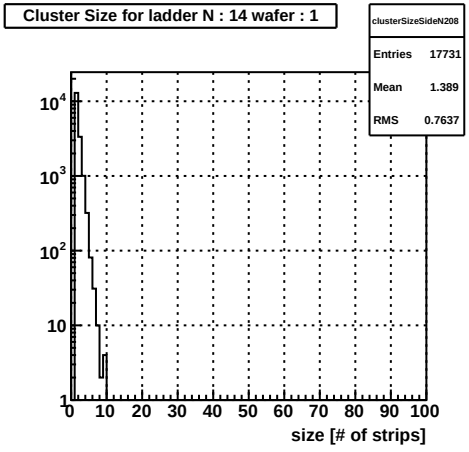

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 9699
Mean 1.644
RMS 0.8567
size [# of strips]

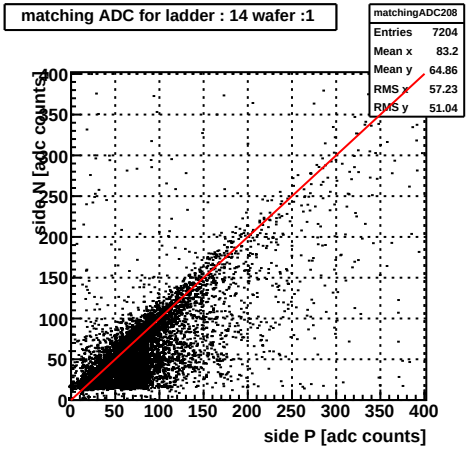

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 7257
Mean x 97.5
Mean y 104.3
RMS x 59.64
RMS y 59.77
side N [adc counts]
side P [adc counts]

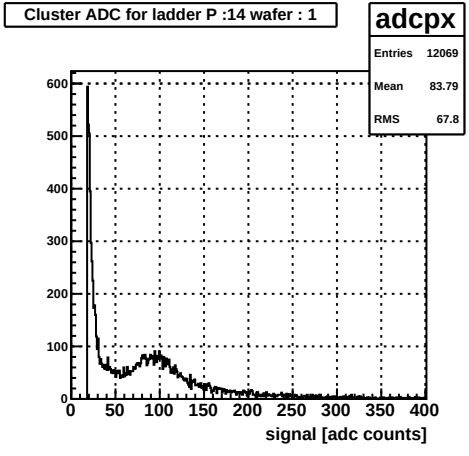

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 12283
Mean 68.37
RMS 56.84
signal [adc counts]

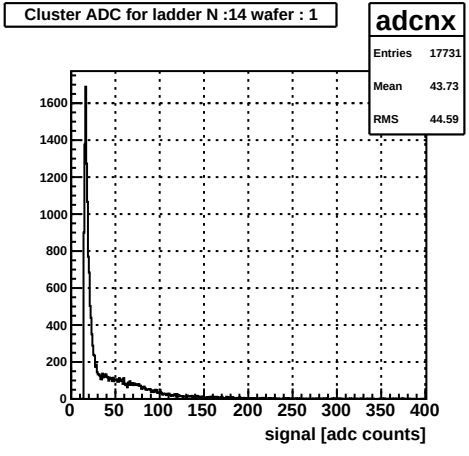

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 9699
Mean 91.5
RMS 65.25
signal [adc counts]

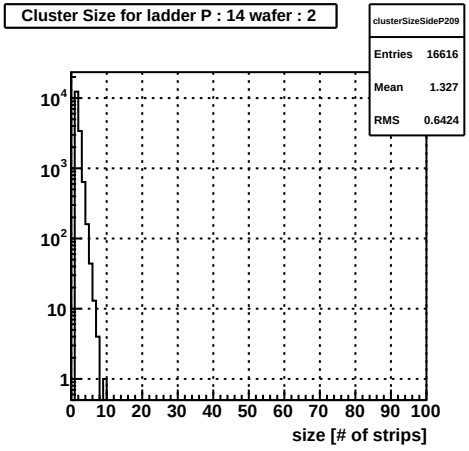

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 12069
Mean 1.441
RMS 0.7476
size [# of strips]

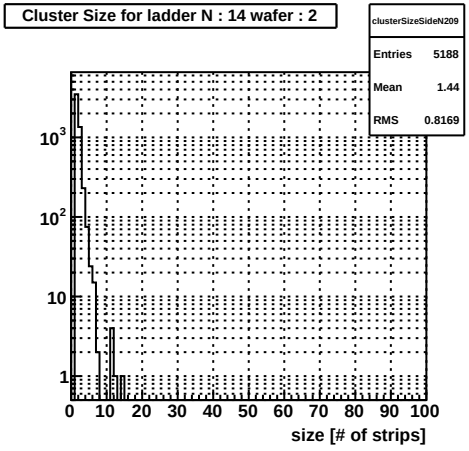

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 17731
Mean 1.389
RMS 0.7637
size [# of strips]

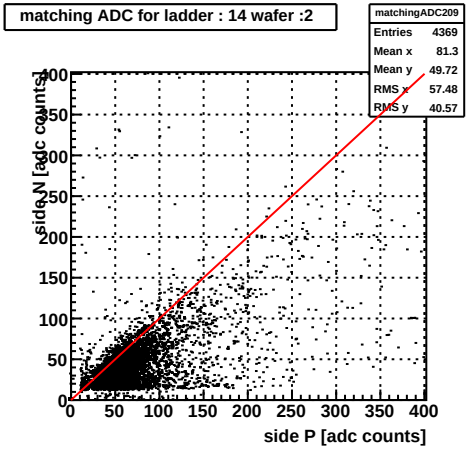

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 7204
Mean x 83.2
Mean y 64.86
RMS x 57.23
RMS y 51.04
side N [adc counts]
side P [adc counts]

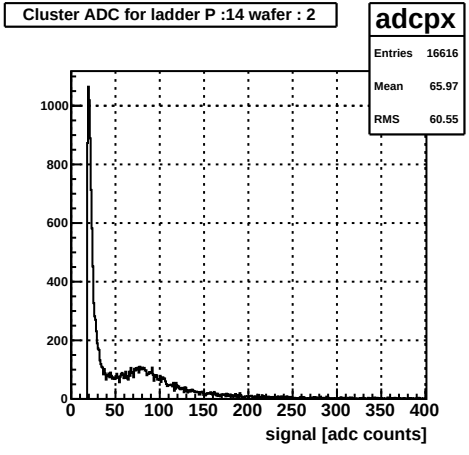

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 12069
Mean 83.79
RMS 67.8
signal [adc counts]

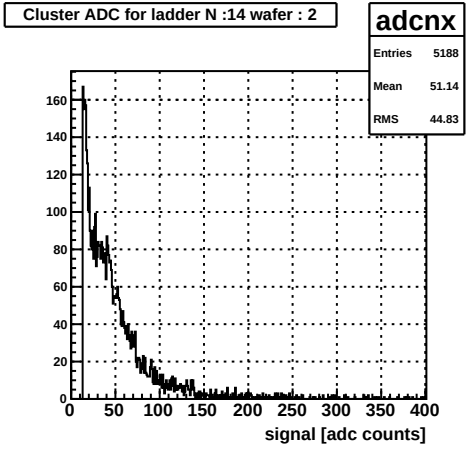

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 17731
Mean 43.73
RMS 44.59
signal [adc counts]

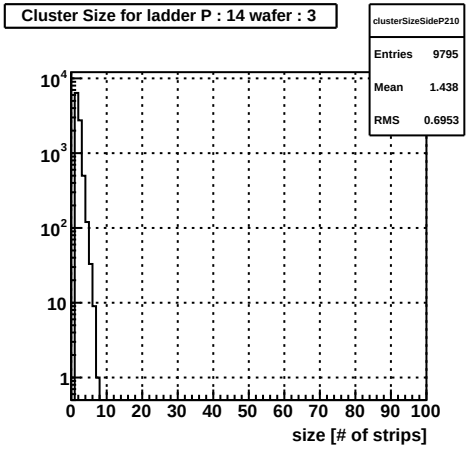

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 16616
Mean 1.327
RMS 0.6424
size [# of strips]

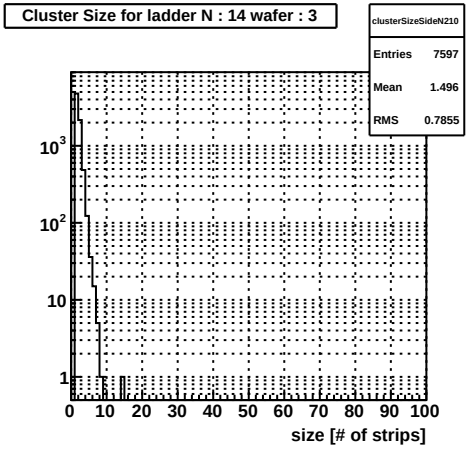

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 5188
Mean 1.44
RMS 0.8169
size [# of strips]

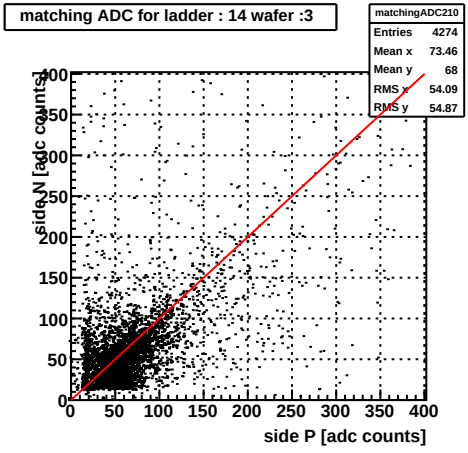

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 4369
Mean x 81.3
Mean y 49.72
RMS x 57.48
RMS y 40.57
side N [adc counts]
side P [adc counts]

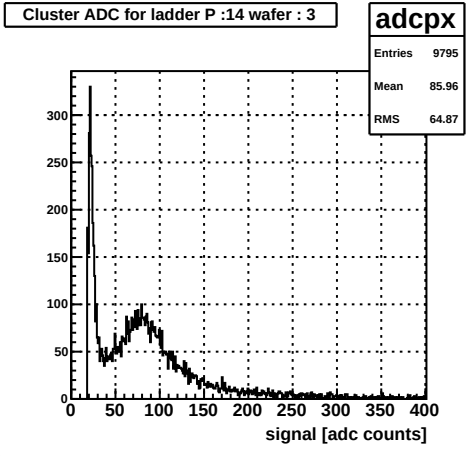

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 16616
Mean 65.97
RMS 60.55
signal [adc counts]

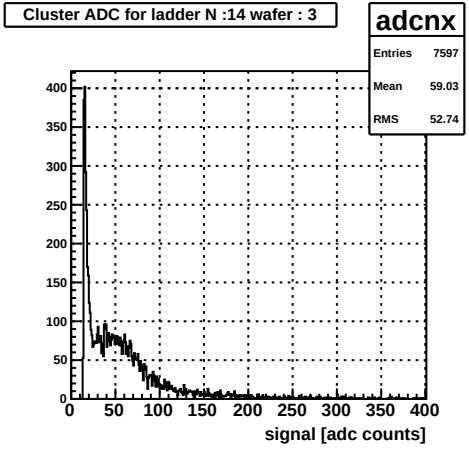

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 5188
Mean 51.14
RMS 44.83
signal [adc counts]

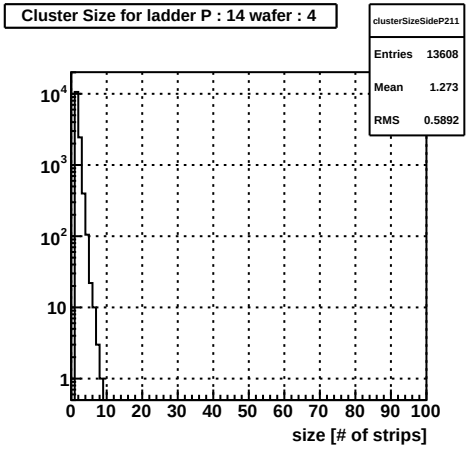

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 9795
Mean 1.438
RMS 0.6953
size [# of strips]

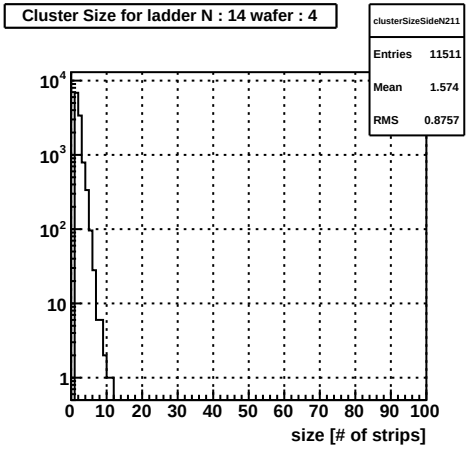

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 7597
Mean 1.496
RMS 0.7855
size [# of strips]

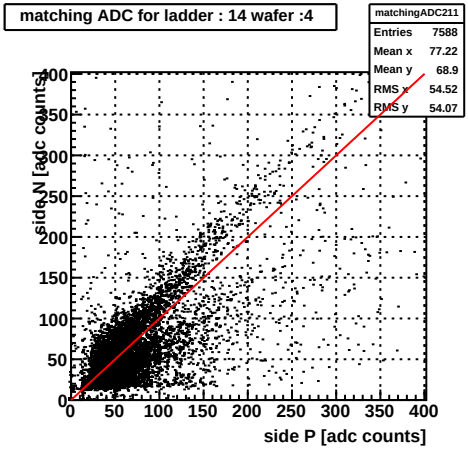

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4274
Mean x 73.46
Mean y 68
RMS x 54.09
RMS y 54.87
side N [adc counts]
side P [adc counts]

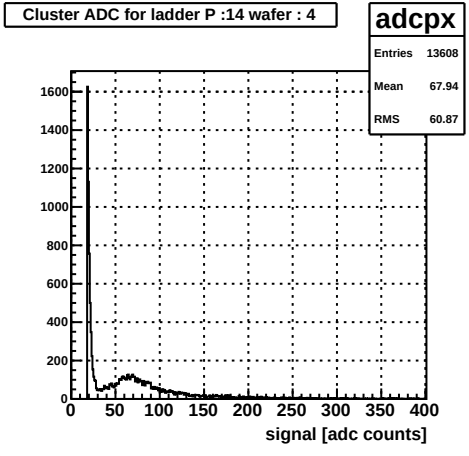

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 9795
Mean 85.96
RMS 64.87
signal [adc counts]

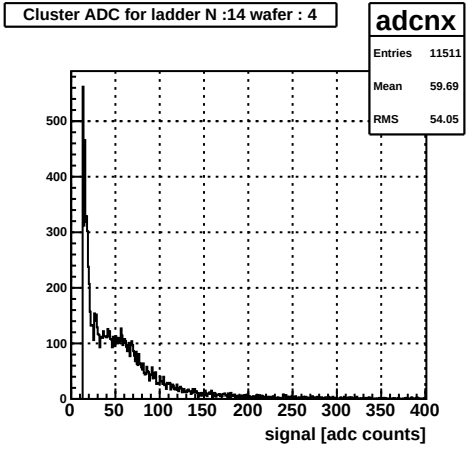

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 7597
Mean 59.03
RMS 52.74
signal [adc counts]

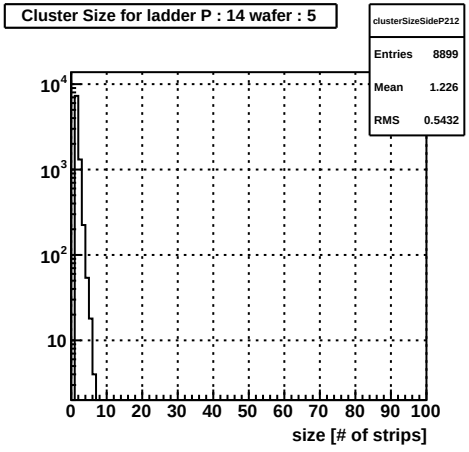

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 13608
Mean 1.273
RMS 0.5892
size [# of strips]

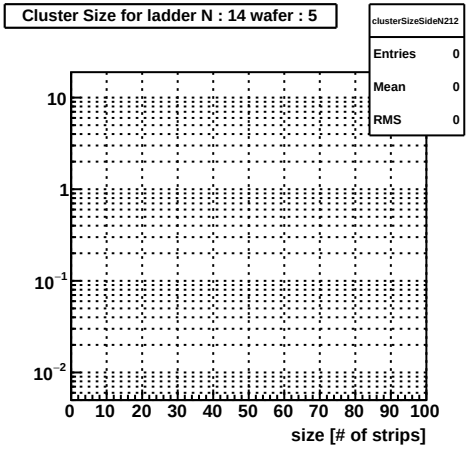

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 11511
Mean 1.574
RMS 0.8757
size [# of strips]

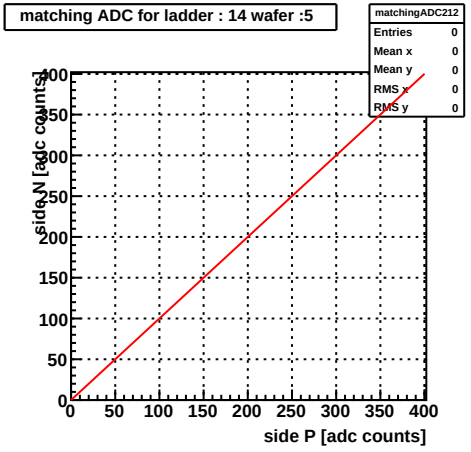

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 7588
Mean x 77.22
Mean y 68.9
RMS x 54.52
RMS y 54.07
side N [adc counts]
side P [adc counts]

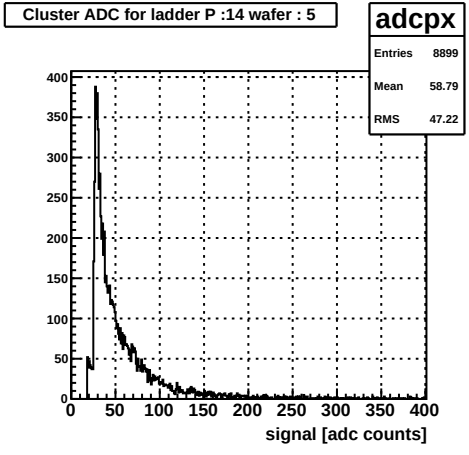

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 13608
Mean 67.94
RMS 60.87
signal [adc counts]

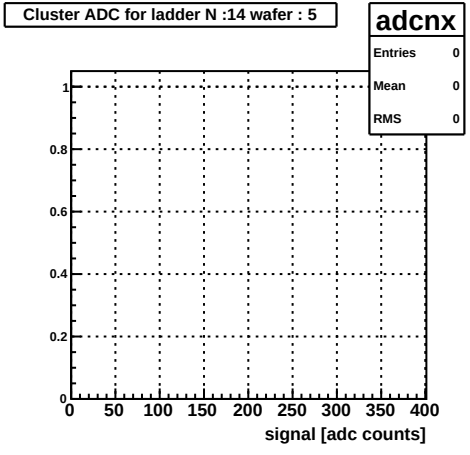

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 11511
Mean 59.69
RMS 54.05
signal [adc counts]

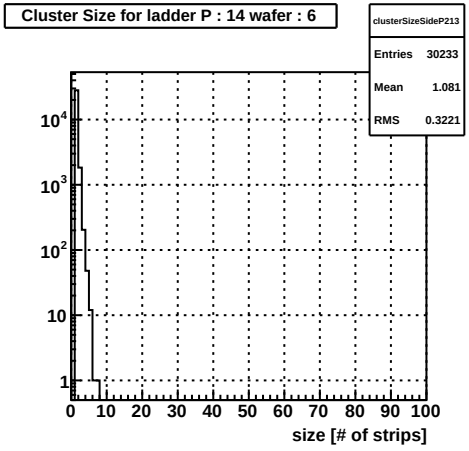

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 8899
Mean 1.226
RMS 0.5432
size [# of strips]

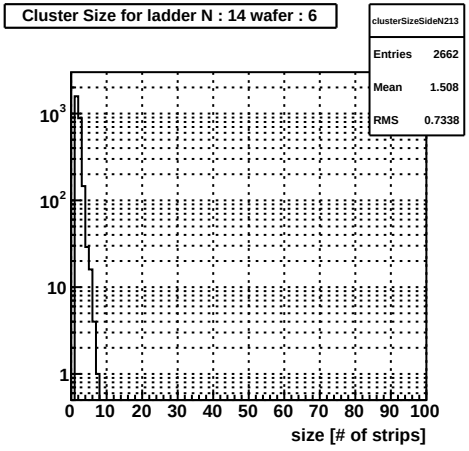

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

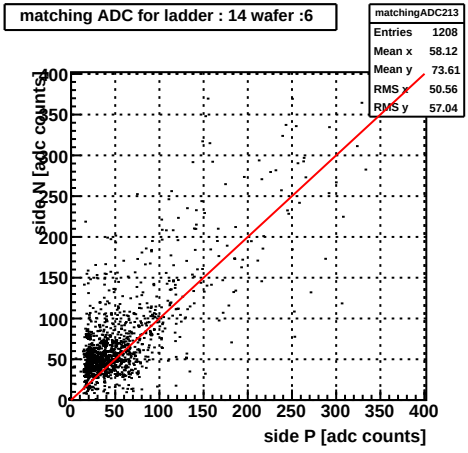

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

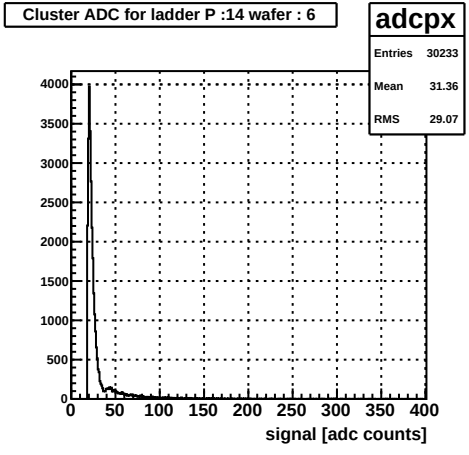

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 8899
Mean 58.79
RMS 47.22
signal [adc counts]

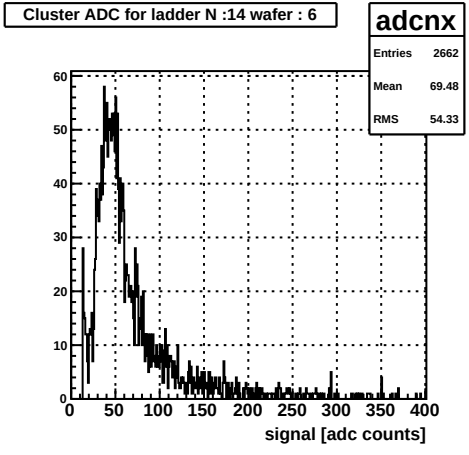

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

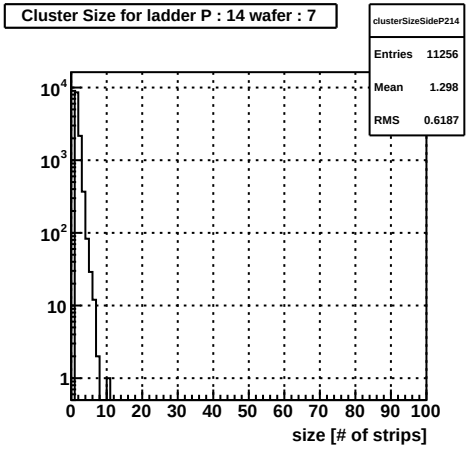

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 30233
Mean 1.081
RMS 0.3221
size [# of strips]

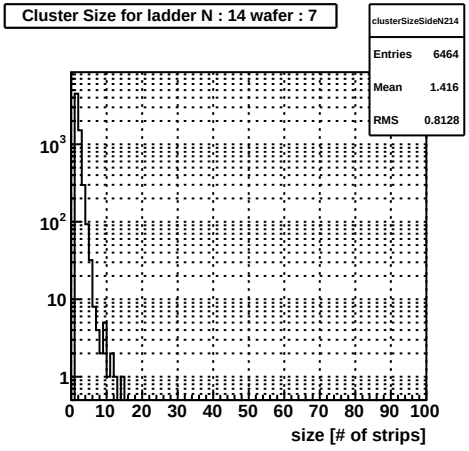

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2662
Mean 1.508
RMS 0.7338
size [# of strips]

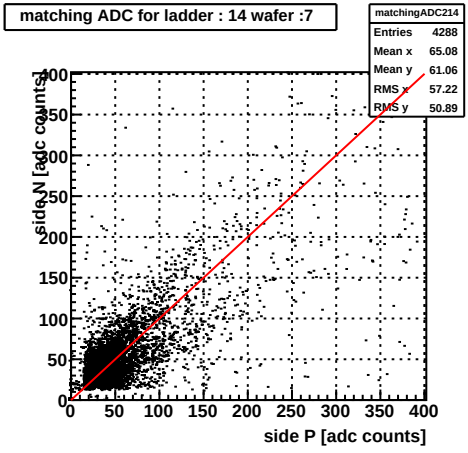

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1208
Mean x 58.12
Mean y 73.61
RMS x 50.56
RMS y 57.04
side N [adc counts]
side P [adc counts]

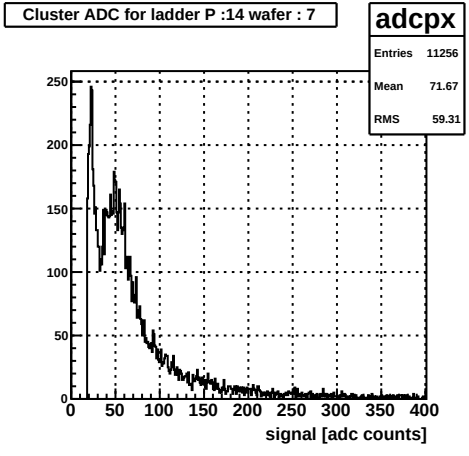

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 30233
Mean 31.36
RMS 29.07
signal [adc counts]

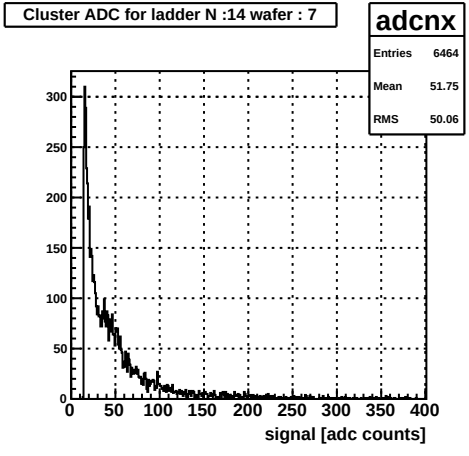

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2662
Mean 69.48
RMS 54.33
signal [adc counts]

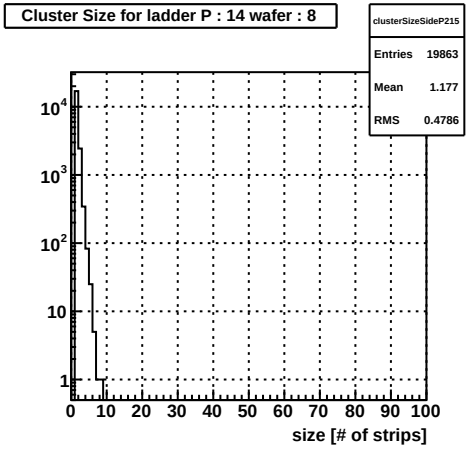

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 11256
Mean 1.298
RMS 0.6187
size [# of strips]

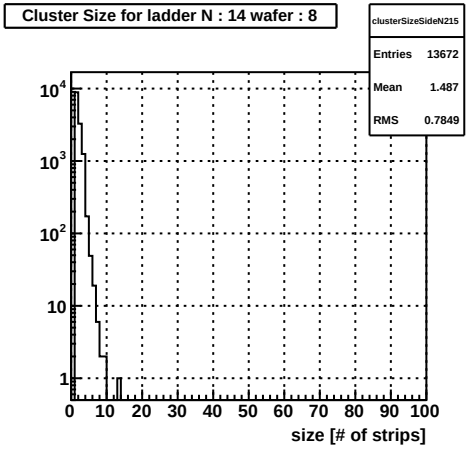

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6464
Mean 1.416
RMS 0.8128
size [# of strips]

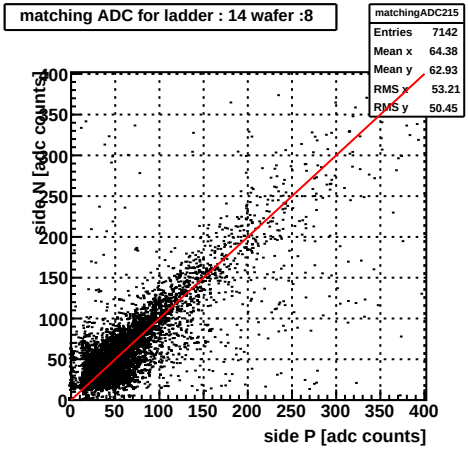

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 4288
Mean x 65.08
Mean y 61.06
RMS x 57.22
RMS y 50.89
side N [adc counts]
side P [adc counts]

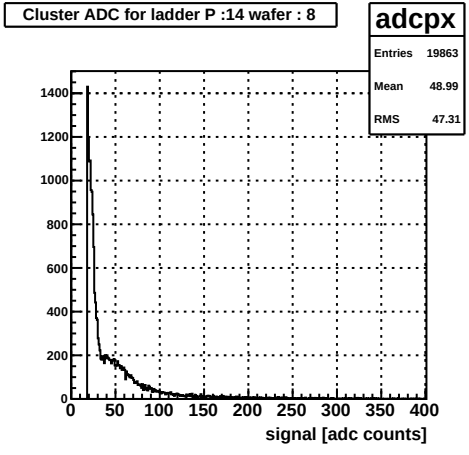

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 11256
Mean 71.67
RMS 59.31
signal [adc counts]

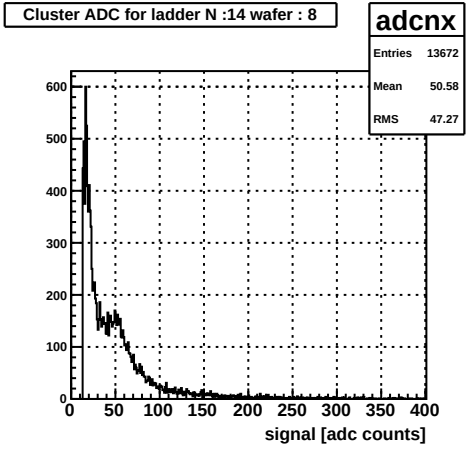

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6464
Mean 51.75
RMS 50.06
signal [adc counts]

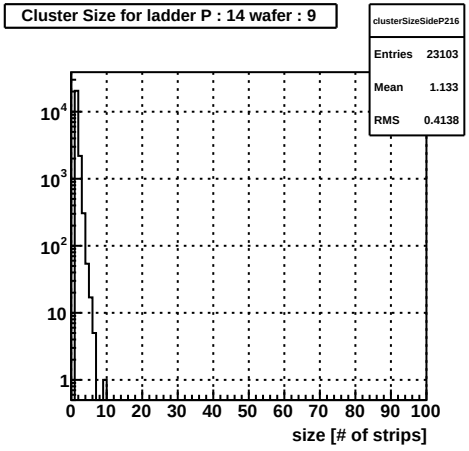

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 19863
Mean 1.177
RMS 0.4786
size [# of strips]

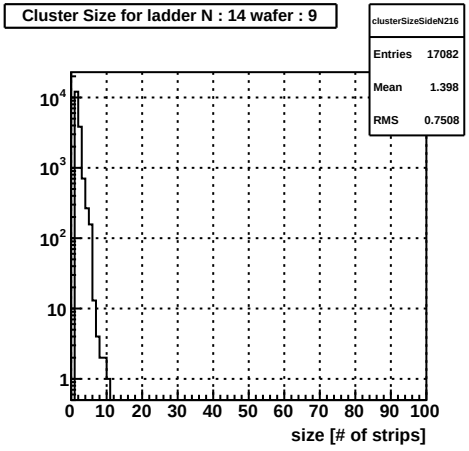

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 13672
Mean 1.487
RMS 0.7849
size [# of strips]

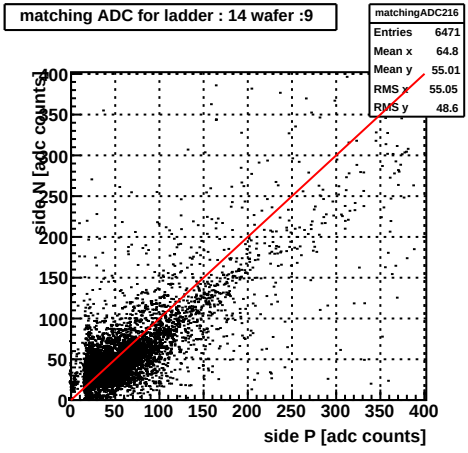

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 7142
Mean x 64.38
Mean y 62.93
RMS x 53.21
RMS y 50.45
side N [adc counts]
side P [adc counts]

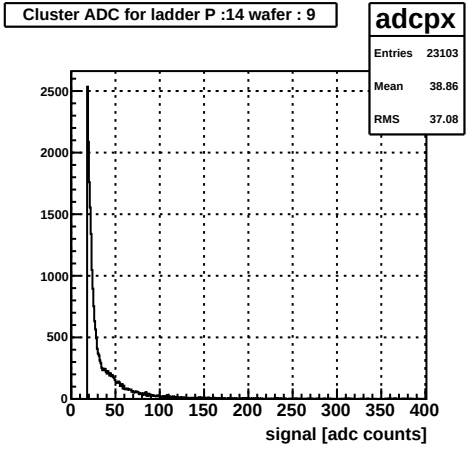

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 19863
Mean 48.99
RMS 47.31
signal [adc counts]

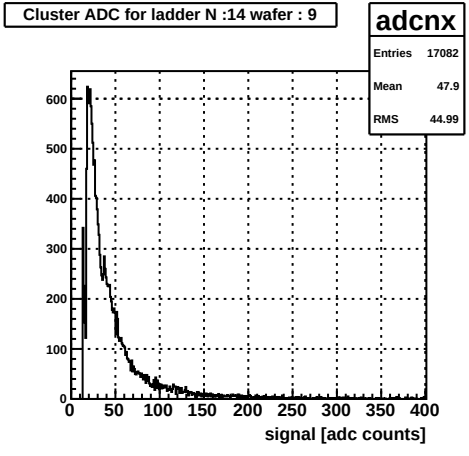

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 13672
Mean 50.58
RMS 47.27
signal [adc counts]

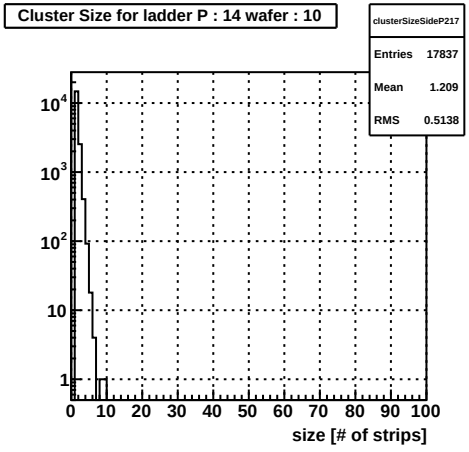

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 23103
Mean 1.133
RMS 0.4138
size [# of strips]

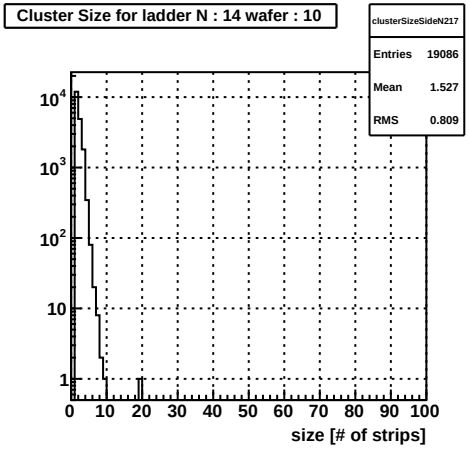

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 17082
Mean 1.398
RMS 0.7508
size [# of strips]

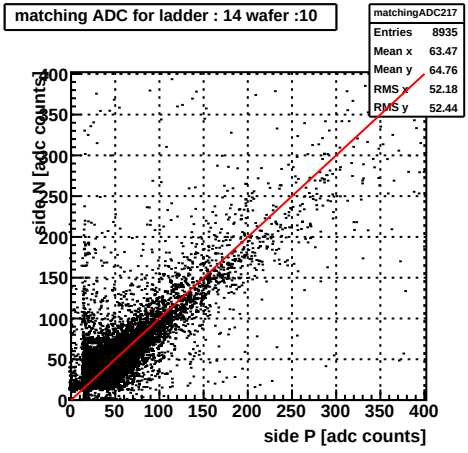

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 6471
Mean x 64.8
Mean y 55.01
RMS x 55.05
RMS y 48.6
side N [adc counts]
side P [adc counts]

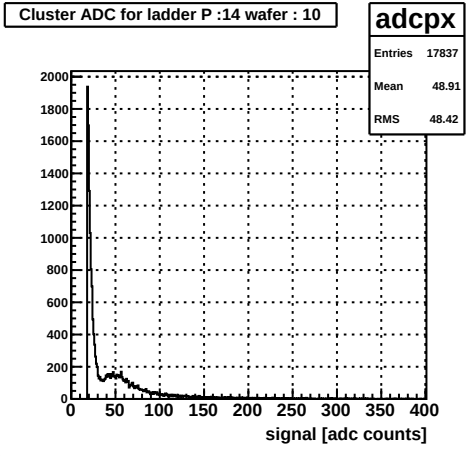

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 23103
Mean 38.86
RMS 37.08
signal [adc counts]

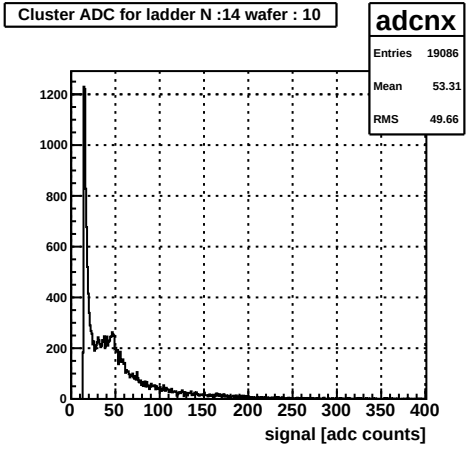

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 17082
Mean 47.9
RMS 44.99
signal [adc counts]

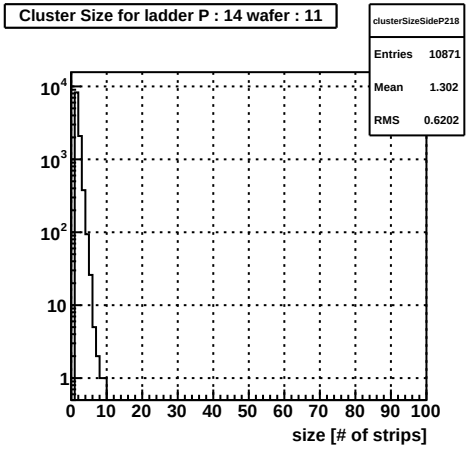

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 17837
Mean 1.209
RMS 0.5138
size [# of strips]

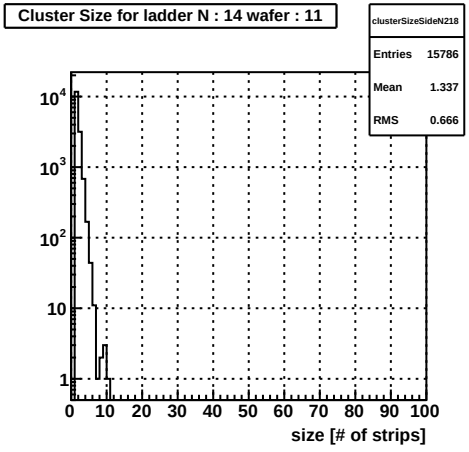

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 19086
Mean 1.527
RMS 0.809
size [# of strips]

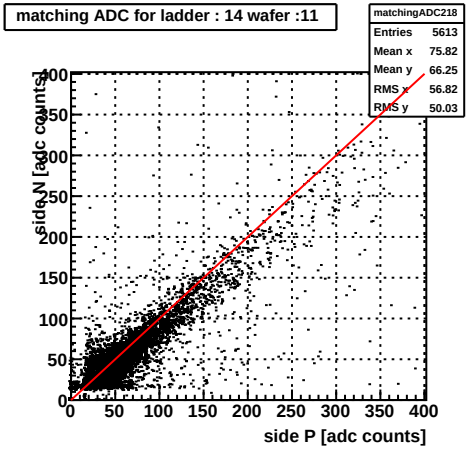

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 8935
Mean x 63.47
Mean y 64.76
RMS x 52.18
RMS y 52.44
side N [adc counts]
side P [adc counts]

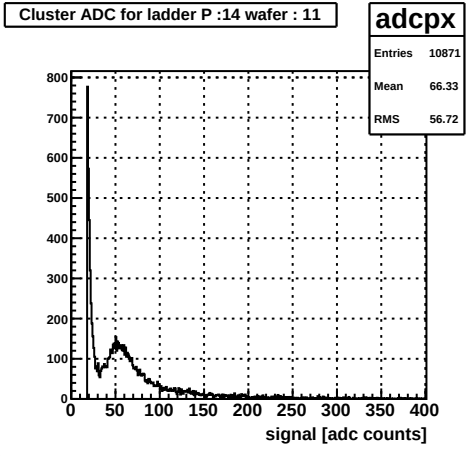

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 17837
Mean 48.91
RMS 48.42
signal [adc counts]

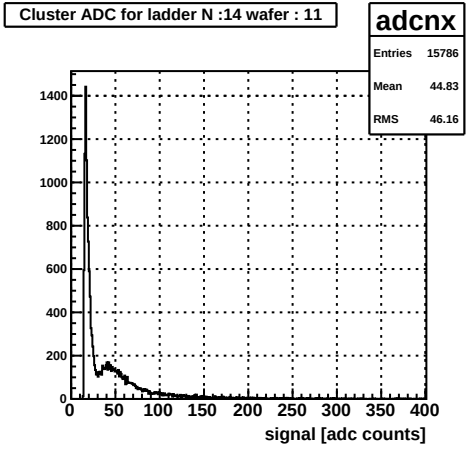

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 19086
Mean 53.31
RMS 49.66
signal [adc counts]

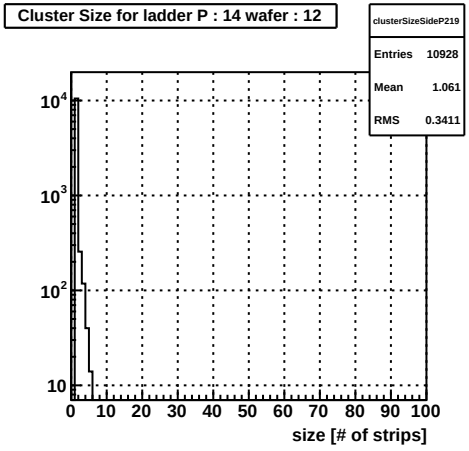

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 10871
Mean 1.302
RMS 0.6202
size [# of strips]

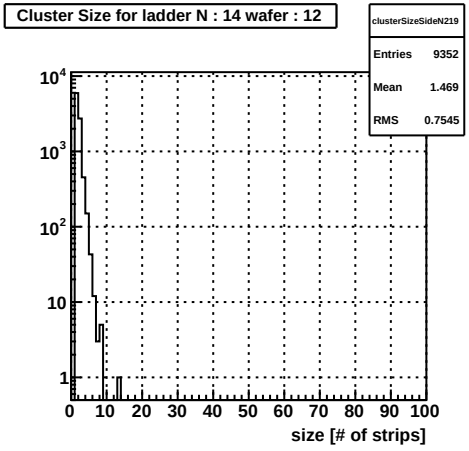

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 15786
Mean 1.337
RMS 0.666
size [# of strips]

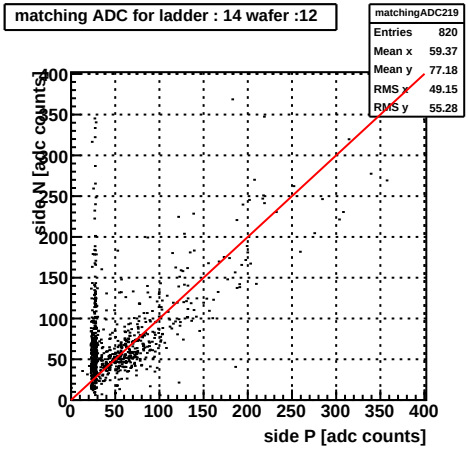

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 5613
Mean x 75.82
Mean y 66.25
RMS x 56.82
RMS y 50.03
side N [adc counts]
side P [adc counts]

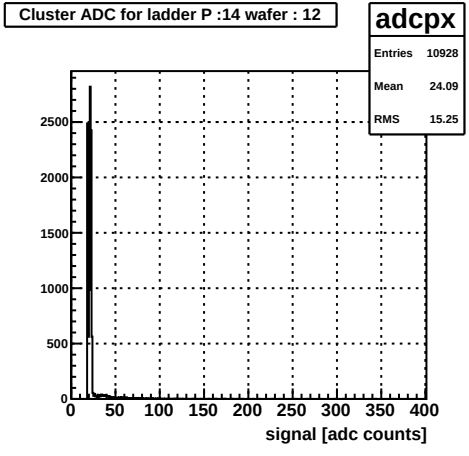

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 10871
Mean 66.33
RMS 56.72
signal [adc counts]

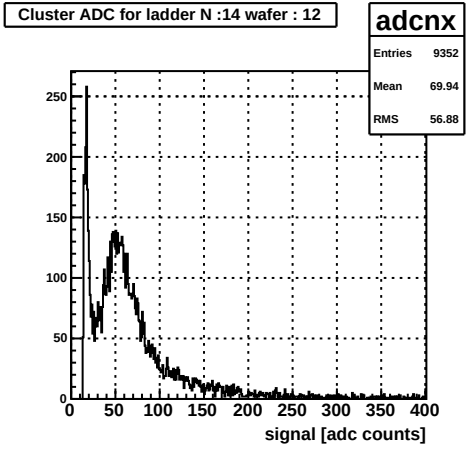

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 15786
Mean 44.83
RMS 46.16
signal [adc counts]

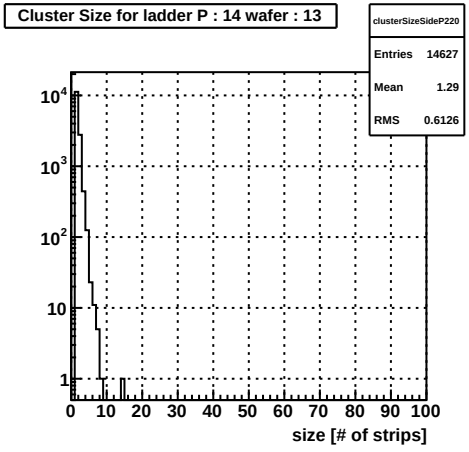

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 10928
Mean 1.061
RMS 0.3411
size [# of strips]

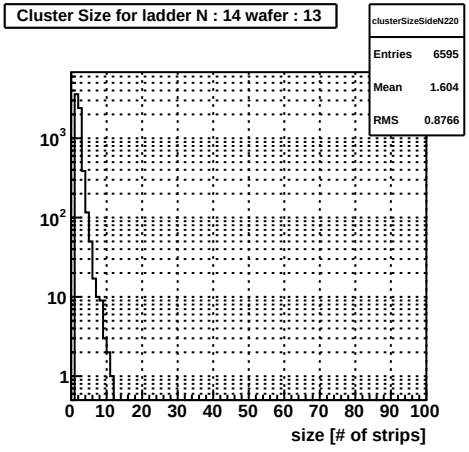

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 9352
Mean 1.469
RMS 0.7545
size [# of strips]

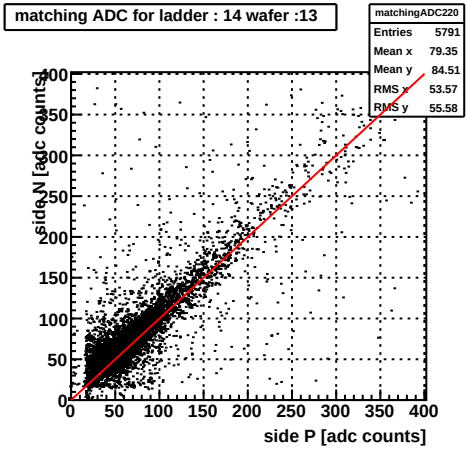

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 820
Mean x 59.37
Mean y 77.18
RMS x 49.15
RMS y 55.28
side N [adc counts]
side P [adc counts]

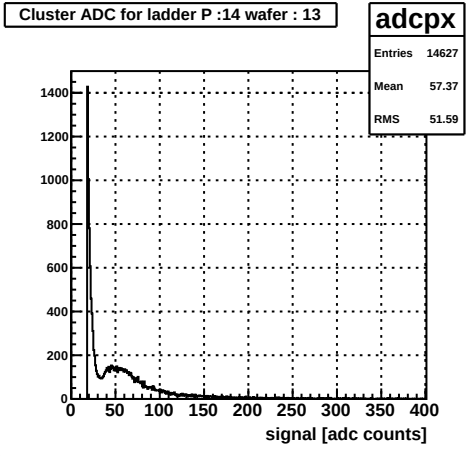

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 10928
Mean 24.09
RMS 15.25
signal [adc counts]

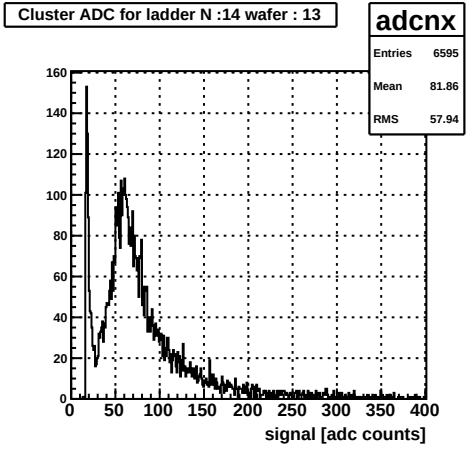

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 9352
Mean 69.94
RMS 56.88
signal [adc counts]

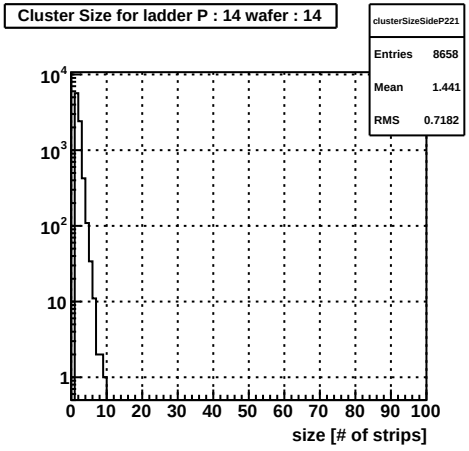

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 14627
Mean 1.29
RMS 0.6126
size [# of strips]

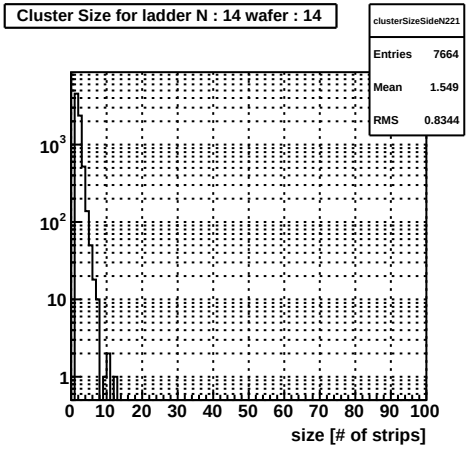

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 6595
Mean 1.604
RMS 0.8766
size [# of strips]

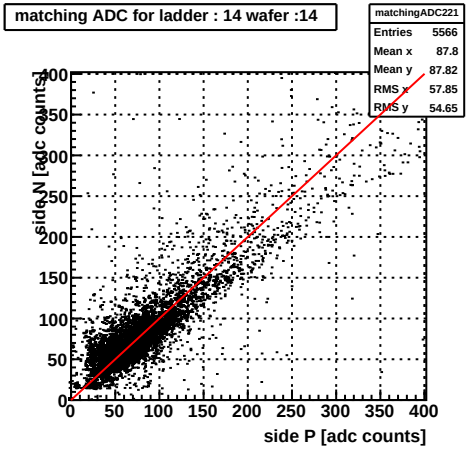

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 5791
Mean x 79.35
Mean y 84.51
RMS x 53.57
RMS y 55.58
side N [adc counts]
side P [adc counts]

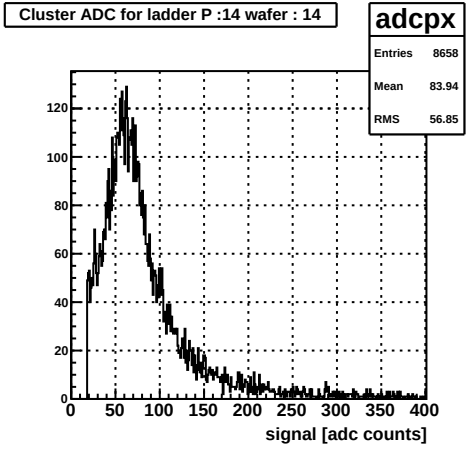

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 14627
Mean 57.37
RMS 51.59
signal [adc counts]

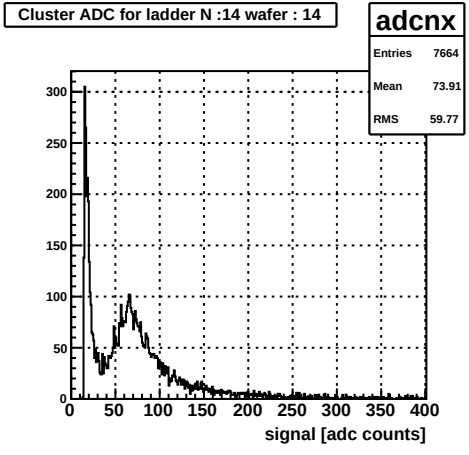

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 6595
Mean 81.86
RMS 57.94
signal [adc counts]

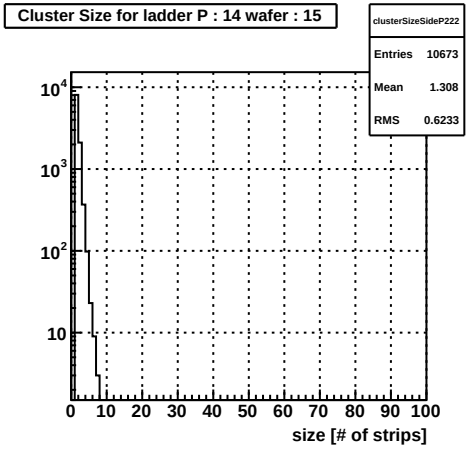

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 8658
Mean 1.441
RMS 0.7182
size [# of strips]

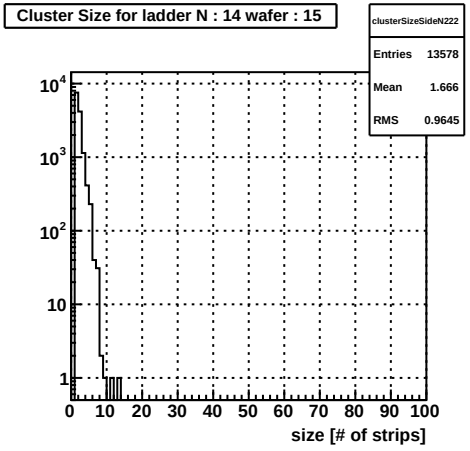

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 7664
Mean 1.549
RMS 0.8344
size [# of strips]

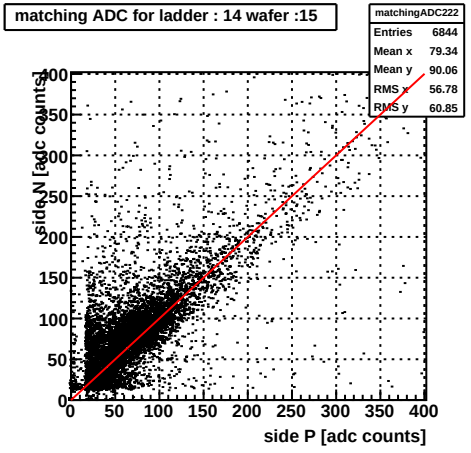

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 5566
Mean x 87.8
Mean y 87.82
RMS x 57.85
RMS y 54.65
side N [adc counts]
side P [adc counts]

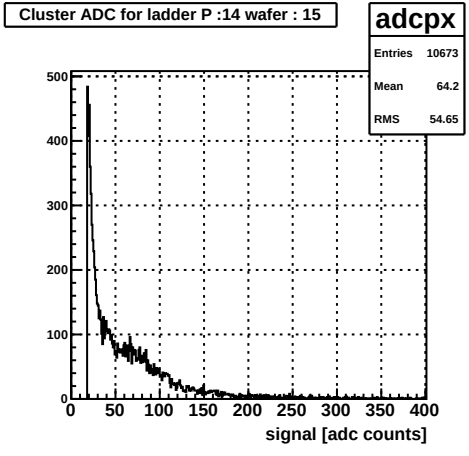

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 8658
Mean 83.94
RMS 56.85
signal [adc counts]

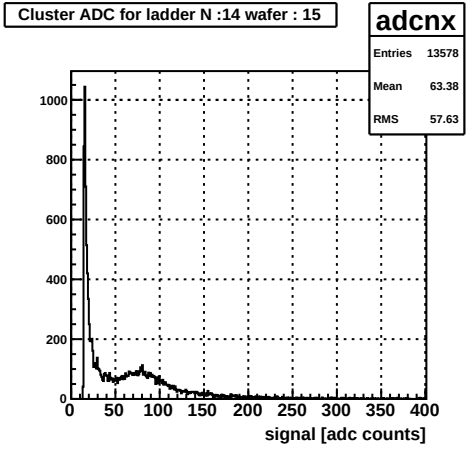

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 7664
Mean 73.91
RMS 59.77
signal [adc counts]

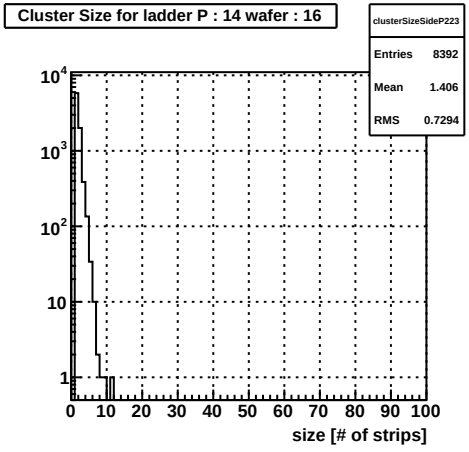

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 10673
Mean 1.308
RMS 0.6233
size [# of strips]

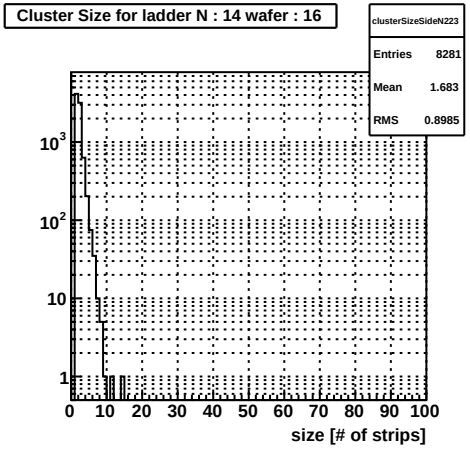

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 13578
Mean 1.666
RMS 0.9645
size [# of strips]

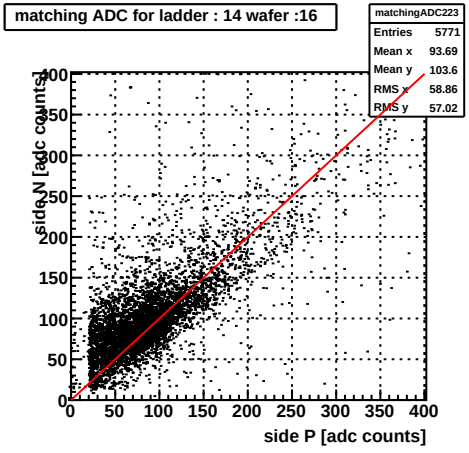

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 6844
Mean x 79.34
Mean y 90.06
RMS x 56.78
RMS y 60.85
side N [adc counts]
side P [adc counts]

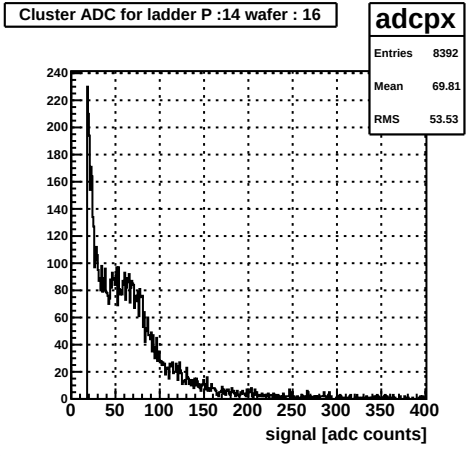

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 10673
Mean 64.2
RMS 54.65
signal [adc counts]

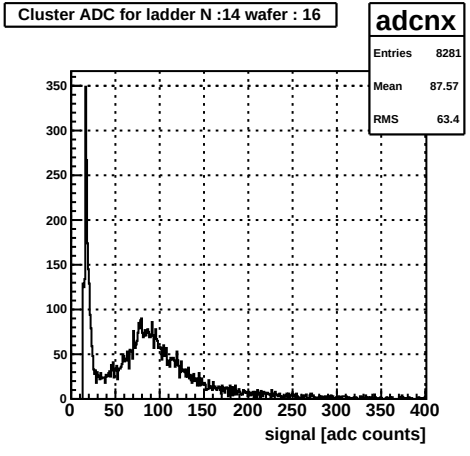

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 13578
Mean 63.38
RMS 57.63
signal [adc counts]

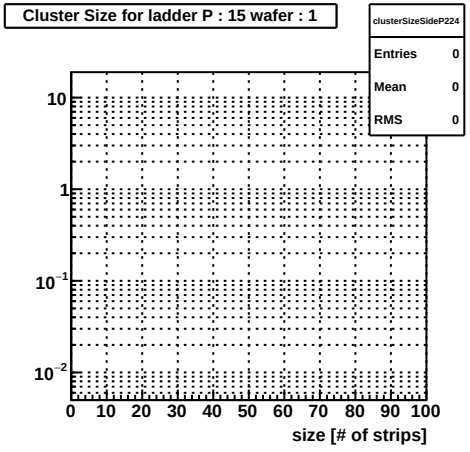

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 8392
Mean 1.406
RMS 0.7294
size [# of strips]

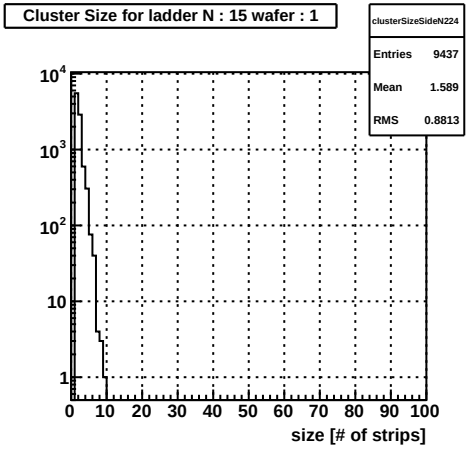

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 8281
Mean 1.683
RMS 0.8985
size [# of strips]

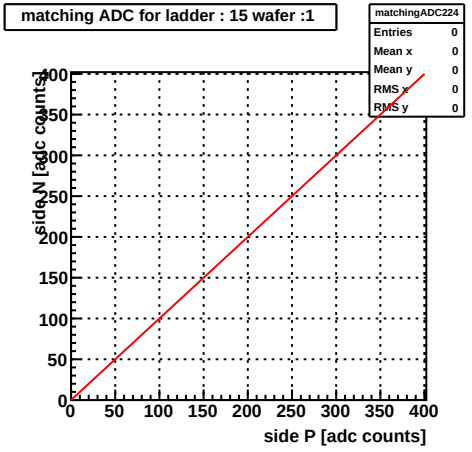

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 5771
Mean x 93.69
Mean y 103.6
RMS x 58.86
RMS y 57.02
side N [adc counts]
side P [adc counts]

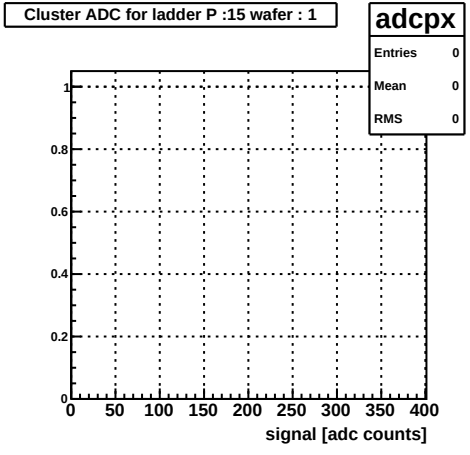

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 8392
Mean 69.81
RMS 53.53
signal [adc counts]

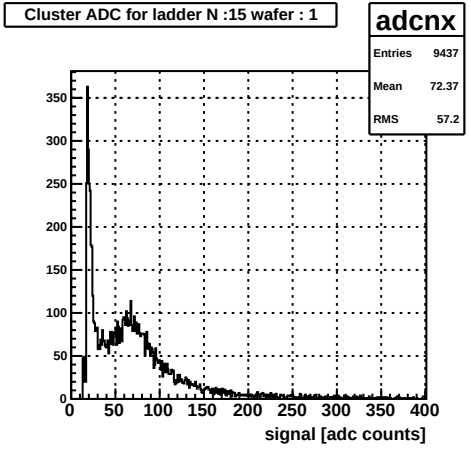

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 8281
Mean 87.57
RMS 63.4
signal [adc counts]

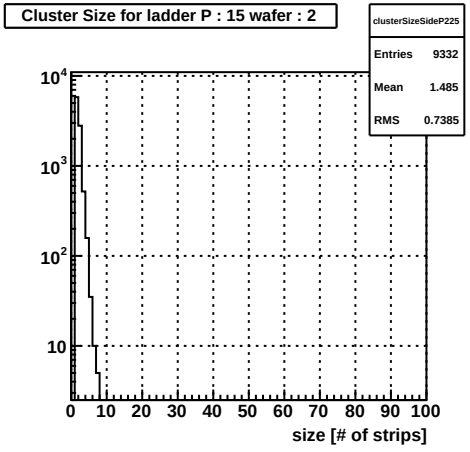

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

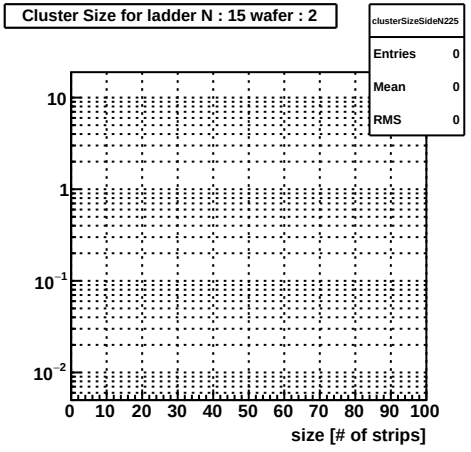

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 9437
Mean 1.589
RMS 0.8813
size [# of strips]

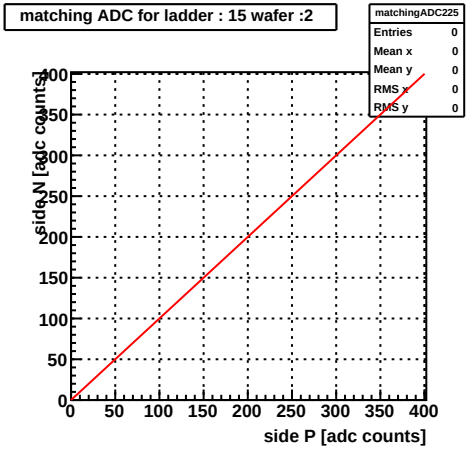

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

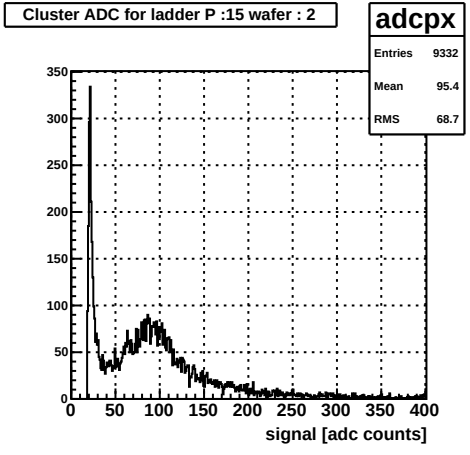

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

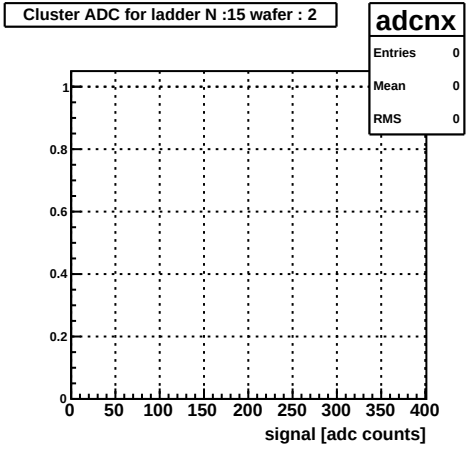

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 9437
Mean 72.37
RMS 57.2
signal [adc counts]

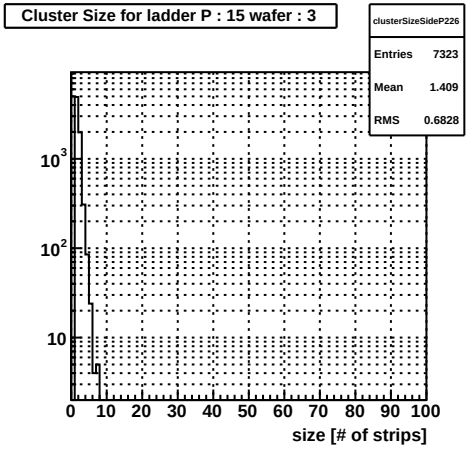

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 9332
Mean 1.485
RMS 0.7385
size [# of strips]

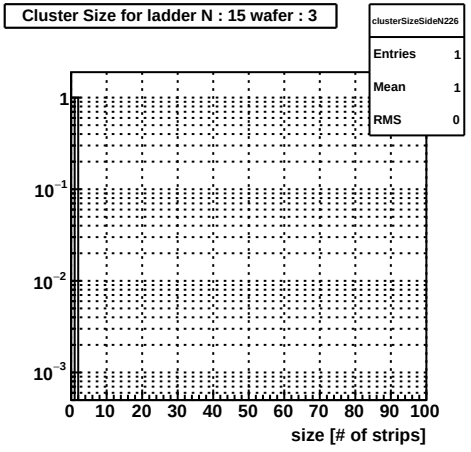

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

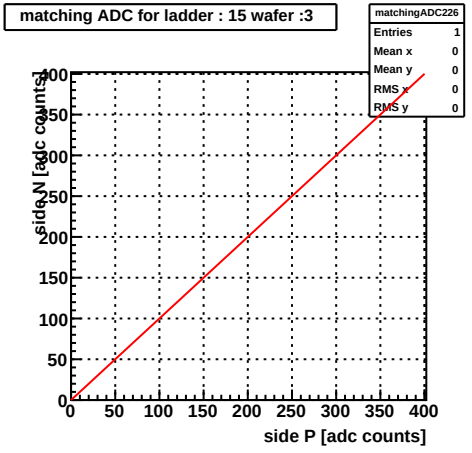

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

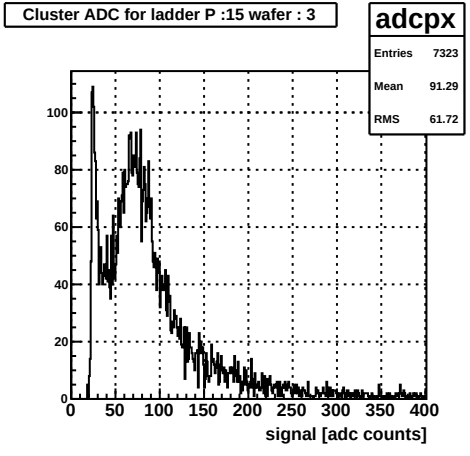

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 9332
Mean 95.4
RMS 68.7
signal [adc counts]

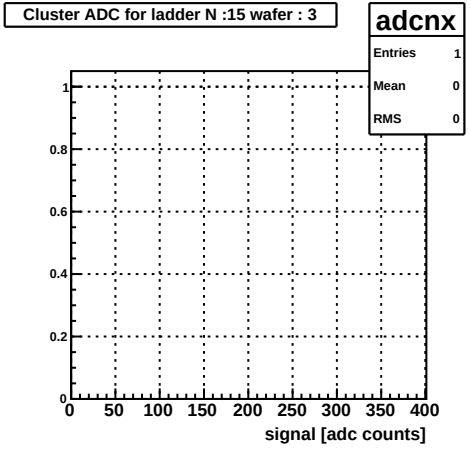

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

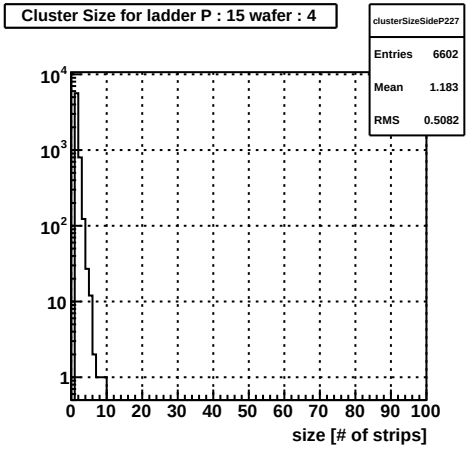

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 7323
Mean 1.409
RMS 0.6828
size [# of strips]

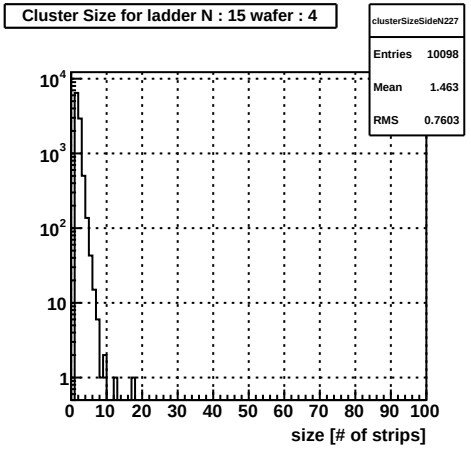

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 1
Mean 1
RMS 0
size [# of strips]

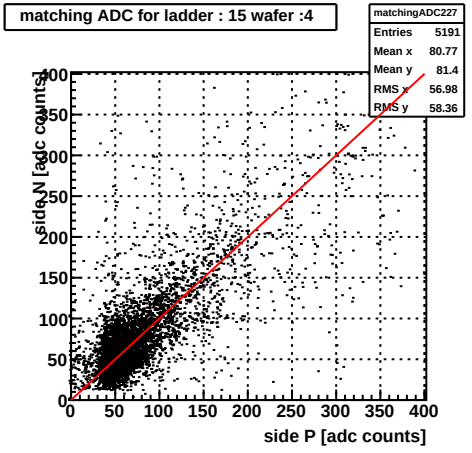

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

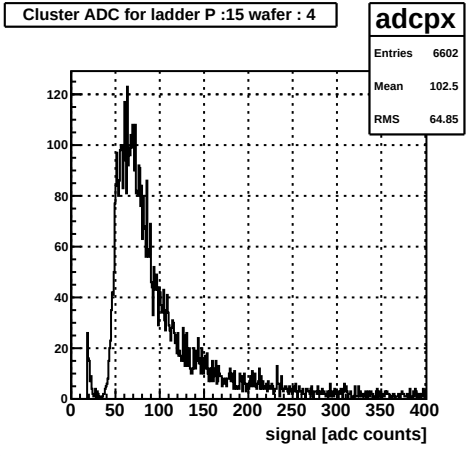

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 7323
Mean 91.29
RMS 61.72
signal [adc counts]

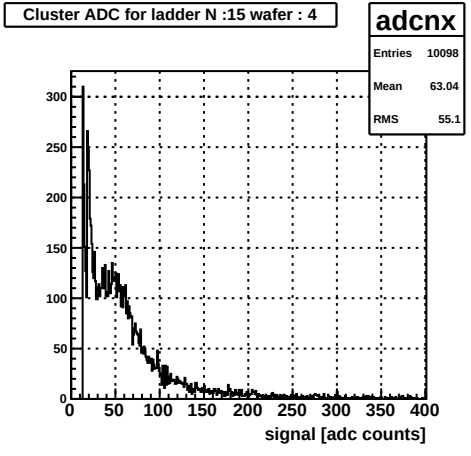

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

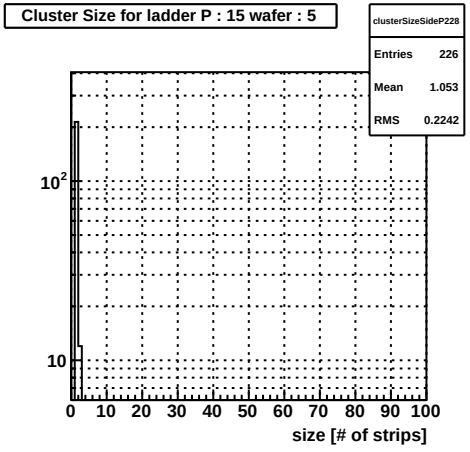

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 6602
Mean 1.183
RMS 0.5082
size [# of strips]

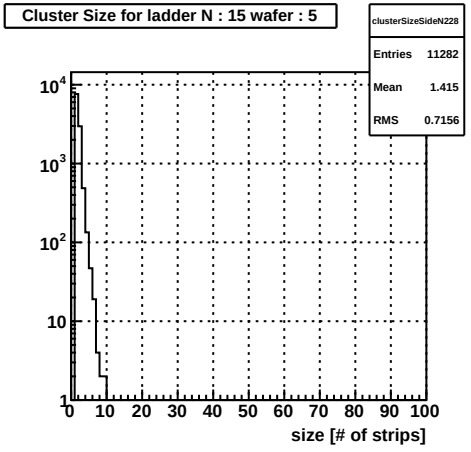

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 10098
Mean 1.463
RMS 0.7603
size [# of strips]

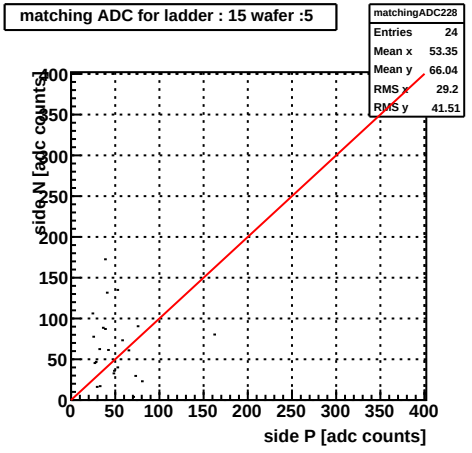

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 5191
Mean x 80.77
Mean y 81.4
RMS x 56.98
RMS y 58.36
side N [adc counts]
side P [adc counts]

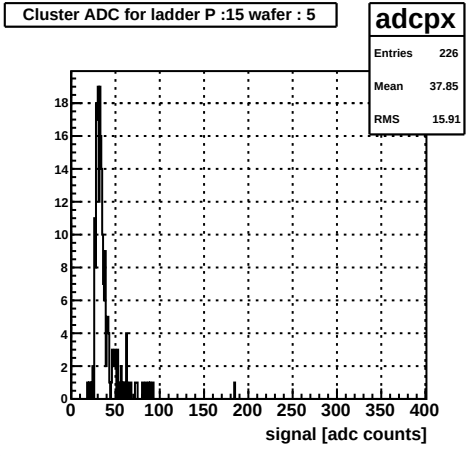

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 6602
Mean 102.5
RMS 64.85
signal [adc counts]

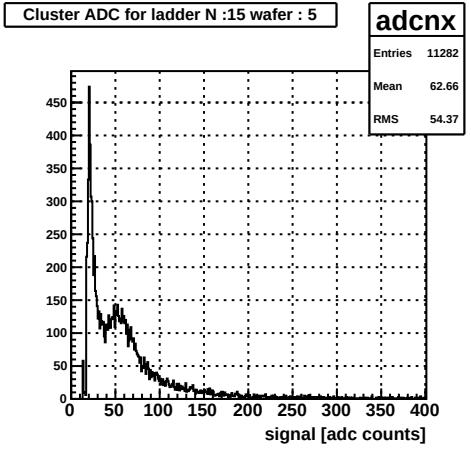

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 10098
Mean 63.04
RMS 55.1
signal [adc counts]

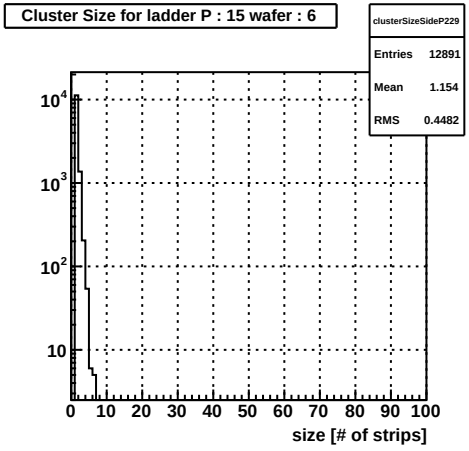

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 226
Mean 1.053
RMS 0.2242
size [# of strips]

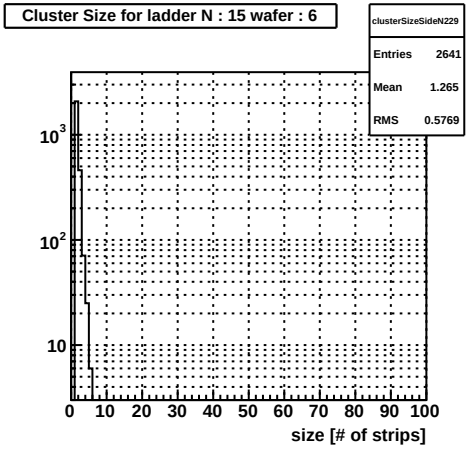

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 11282
Mean 1.415
RMS 0.7156
size [# of strips]

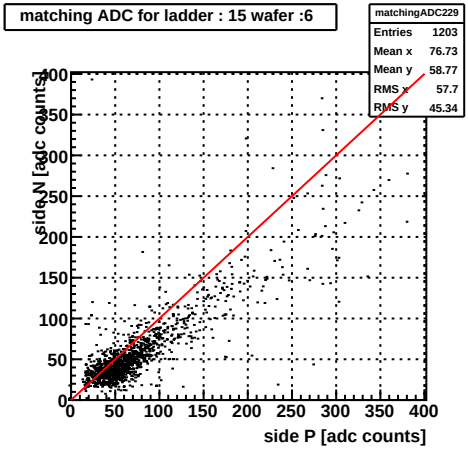

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 24
Mean x 53.35
Mean y 66.04
RMS x 29.2
RMS y 41.51
side N [adc counts]
side P [adc counts]

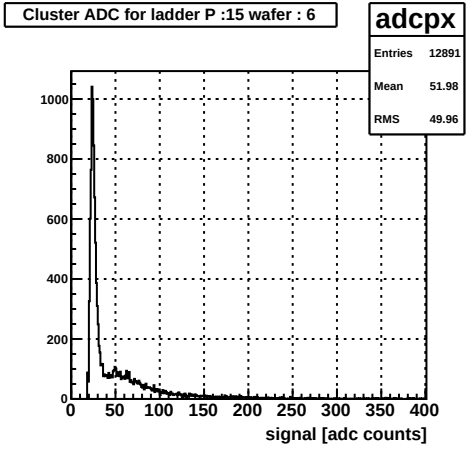

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 226
Mean 37.85
RMS 15.91
signal [adc counts]

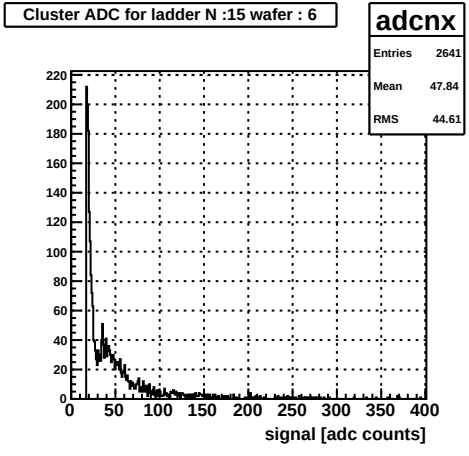

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 11282
Mean 62.66
RMS 54.37
signal [adc counts]

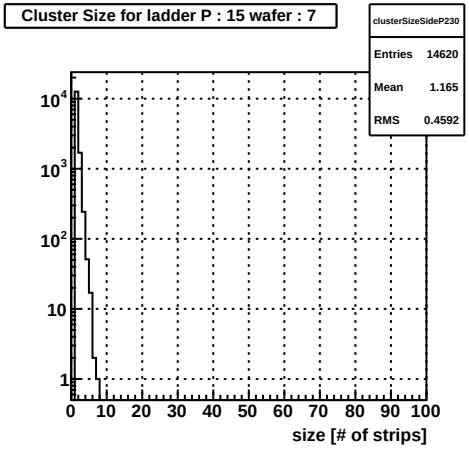

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 12891
Mean 1.154
RMS 0.4482
size [# of strips]

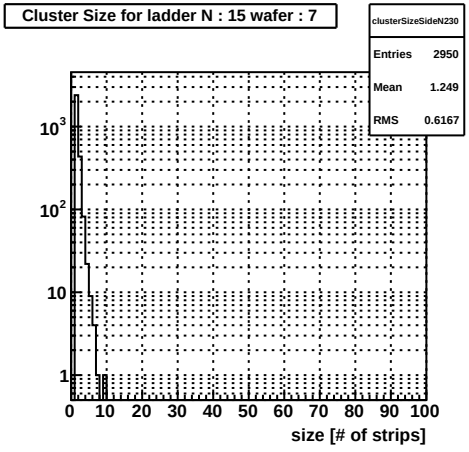

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 2641
Mean 1.265
RMS 0.5769
size [# of strips]

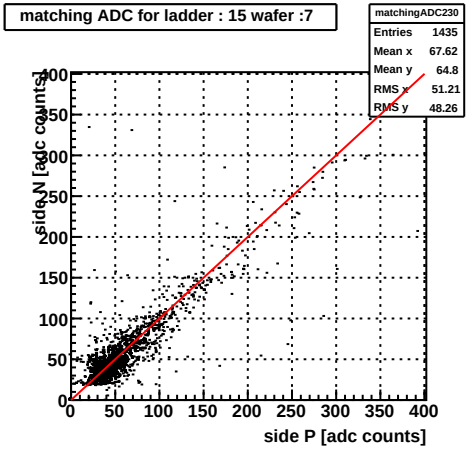

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1203
Mean x 76.73
Mean y 58.77
RMS x 57.7
RMS y 45.34
side N [adc counts]
side P [adc counts]

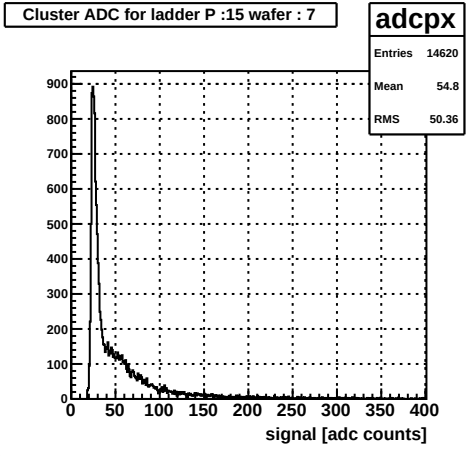

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 12891
Mean 51.98
RMS 49.96
signal [adc counts]

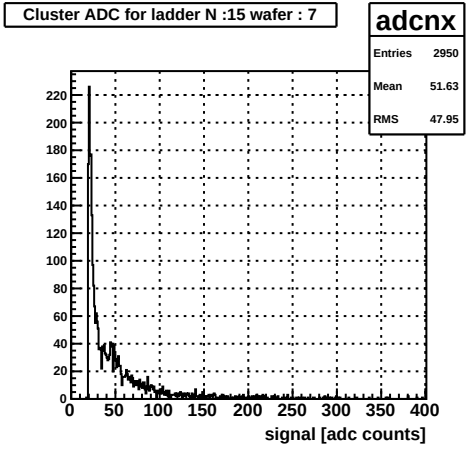

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 2641
Mean 47.84
RMS 44.61
signal [adc counts]

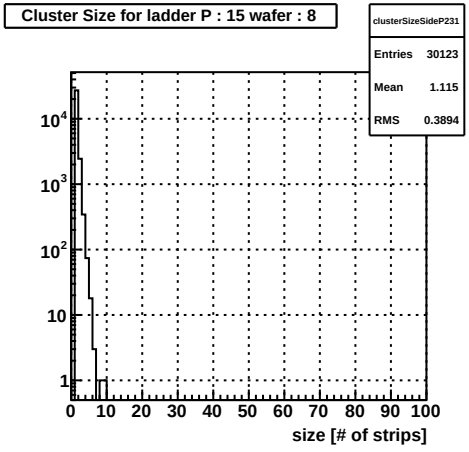

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 14620
Mean 1.165
RMS 0.4592
size [# of strips]

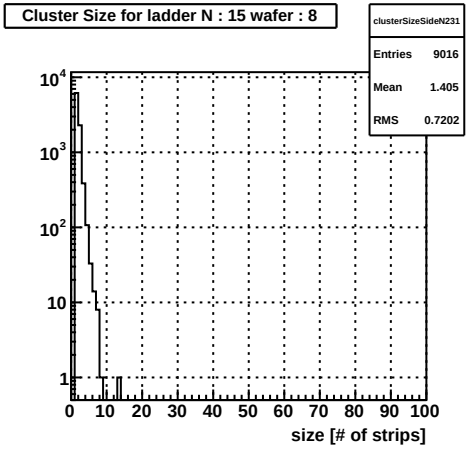

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2950
Mean 1.249
RMS 0.6167
size [# of strips]

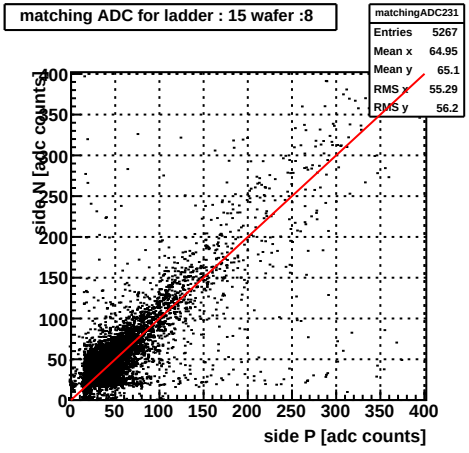

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1435
Mean x 67.62
Mean y 64.8
RMS x 51.21
RMS y 48.26
side N [adc counts]
side P [adc counts]

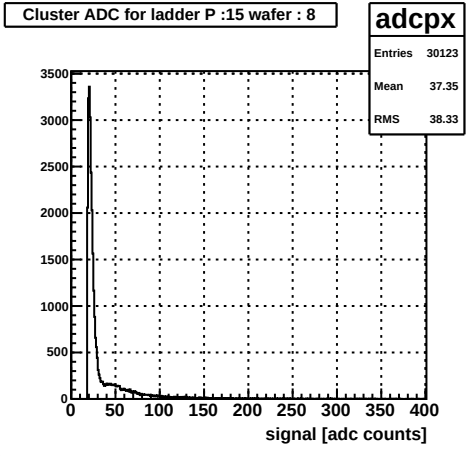

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 14620
Mean 54.8
RMS 50.36
signal [adc counts]

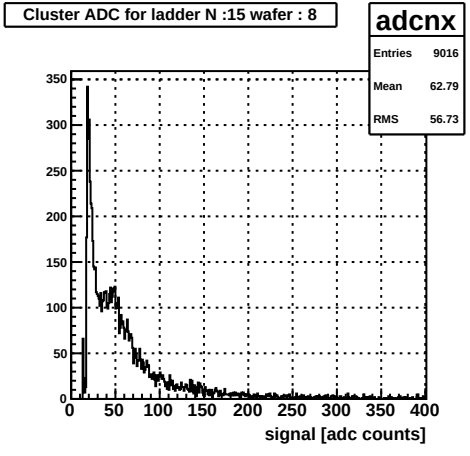

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2950
Mean 51.63
RMS 47.95
signal [adc counts]

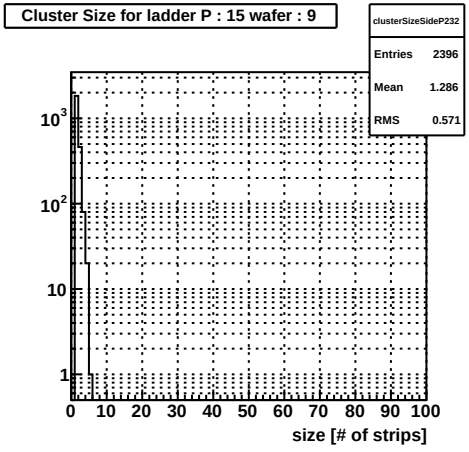

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 30123
Mean 1.115
RMS 0.3894
size [# of strips]

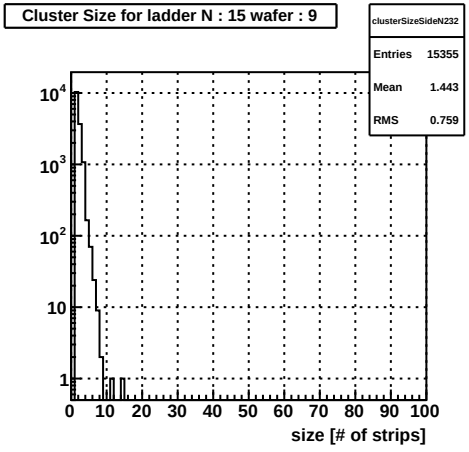

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 9016
Mean 1.405
RMS 0.7202
size [# of strips]

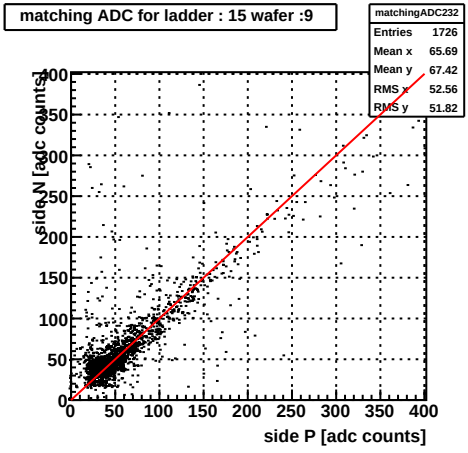

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 5267
Mean x 64.95
Mean y 65.1
RMS x 55.29
RMS y 56.2
side N [adc counts]
side P [adc counts]

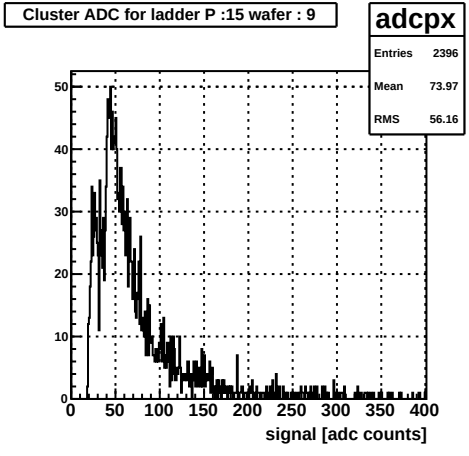

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 30123
Mean 37.35
RMS 38.33
signal [adc counts]

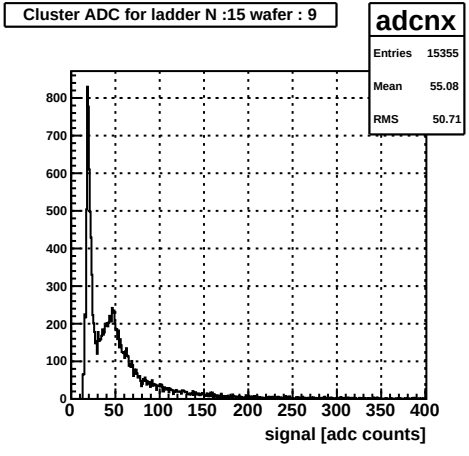

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 9016
Mean 62.79
RMS 56.73
signal [adc counts]

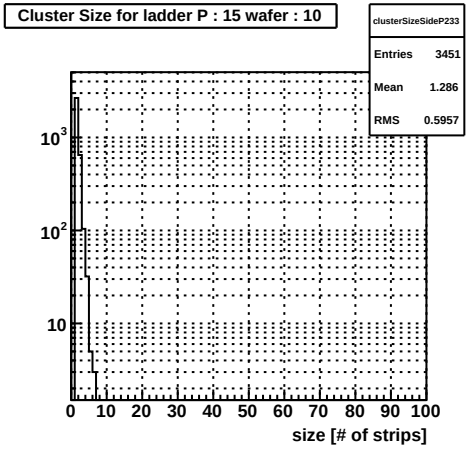

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2396
Mean 1.286
RMS 0.571
size [# of strips]

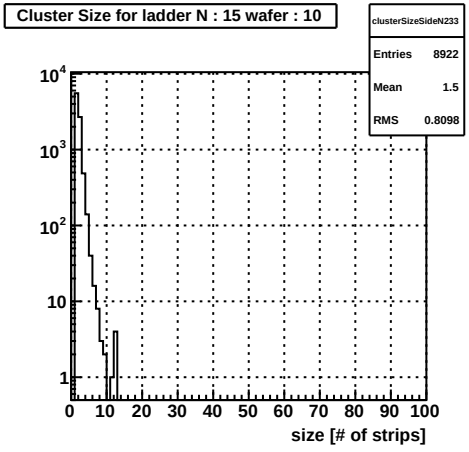

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 15355
Mean 1.443
RMS 0.759
size [# of strips]

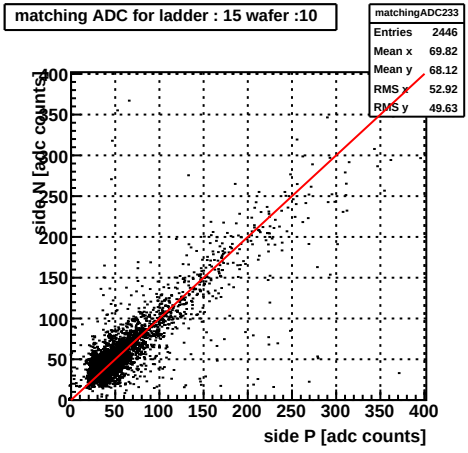

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1726
Mean x 65.69
Mean y 67.42
RMS x 52.56
RMS y 51.82
side N [adc counts]
side P [adc counts]

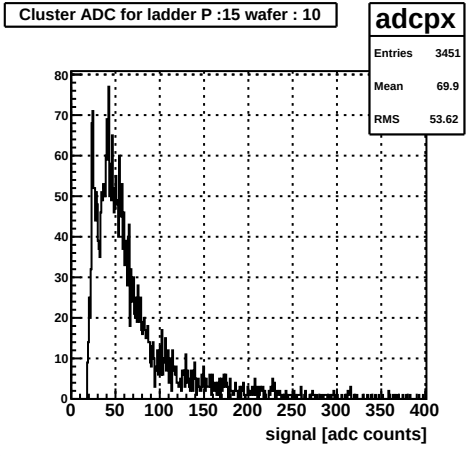

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2396
Mean 73.97
RMS 56.16
signal [adc counts]

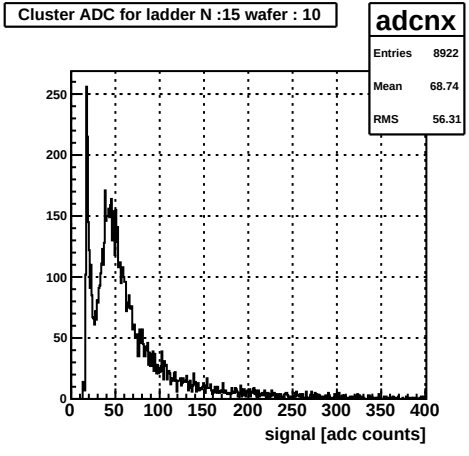

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 15355
Mean 55.08
RMS 50.71
signal [adc counts]

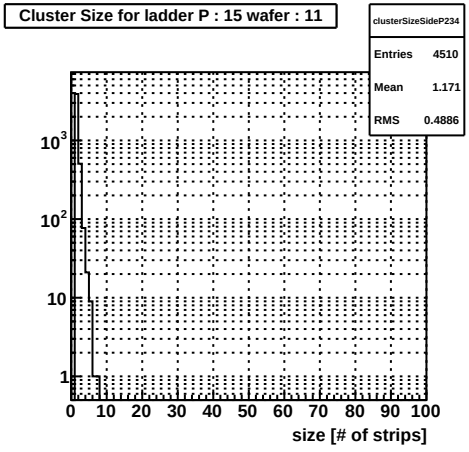

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 3451
Mean 1.286
RMS 0.5957
size [# of strips]

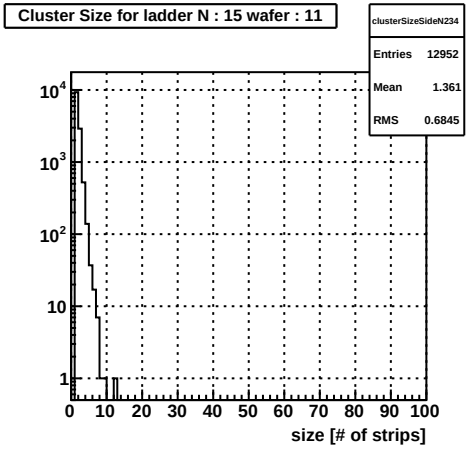

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 8922
Mean 1.5
RMS 0.8098
size [# of strips]

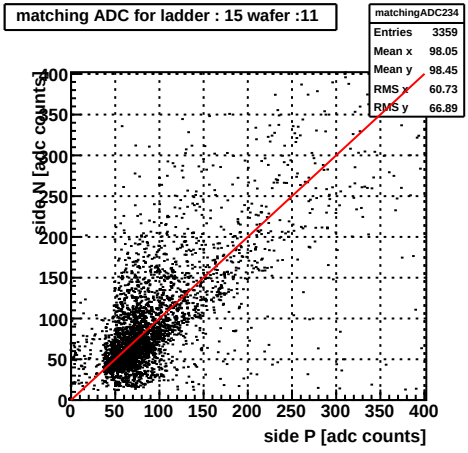

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2446
Mean x 69.82
Mean y 68.12
RMS x 52.92
RMS y 49.63
side N [adc counts]
side P [adc counts]

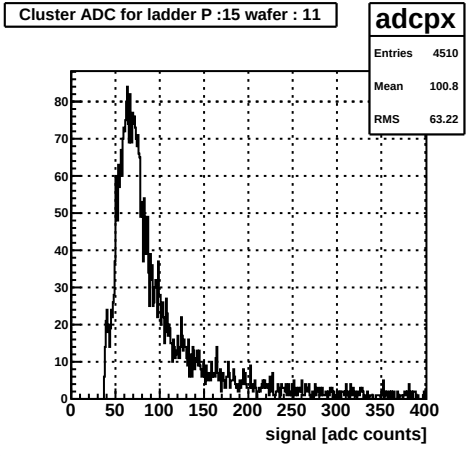

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 3451
Mean 69.9
RMS 53.62
signal [adc counts]

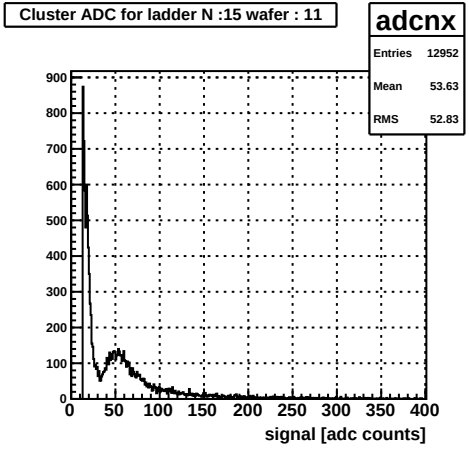

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 8922
Mean 68.74
RMS 56.31
signal [adc counts]

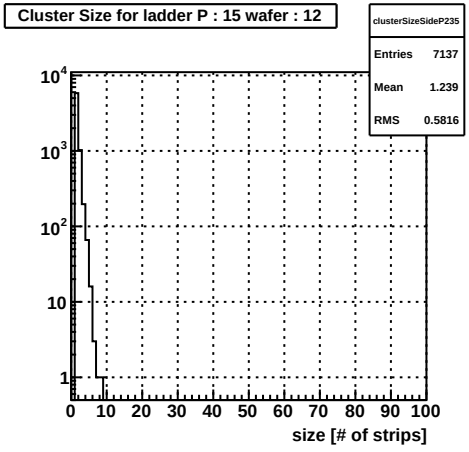

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 4510
Mean 1.171
RMS 0.4886
size [# of strips]

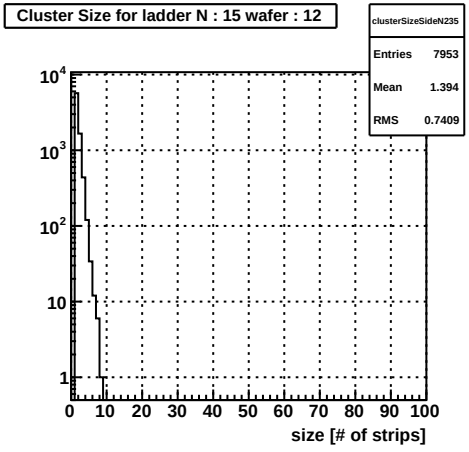

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 12952
Mean 1.361
RMS 0.6845
size [# of strips]

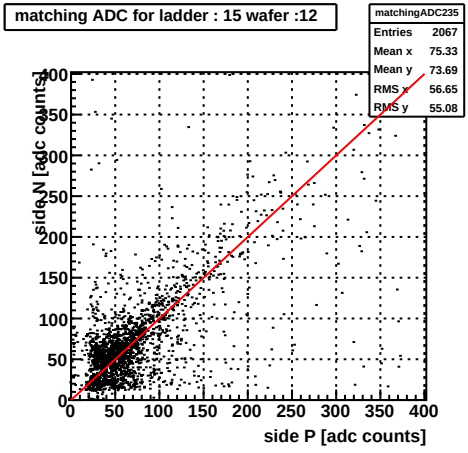

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 3359
Mean x 98.05
Mean y 98.45
RMS x 60.73
RMS y 66.89
side N [adc counts]
side P [adc counts]

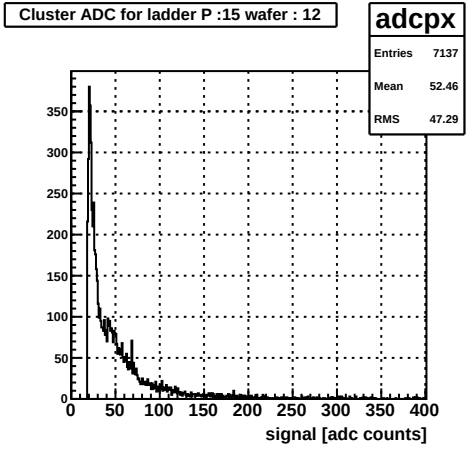

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 4510
Mean 100.8
RMS 63.22
signal [adc counts]

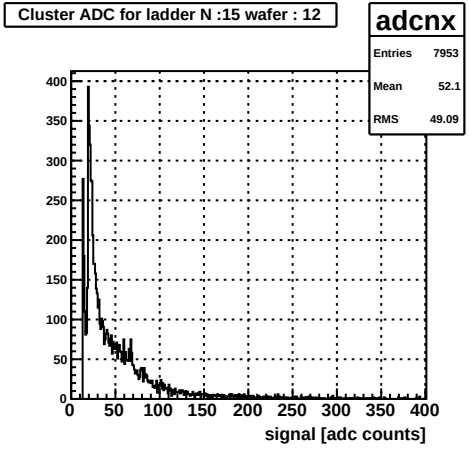

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 12952
Mean 53.63
RMS 52.83
signal [adc counts]

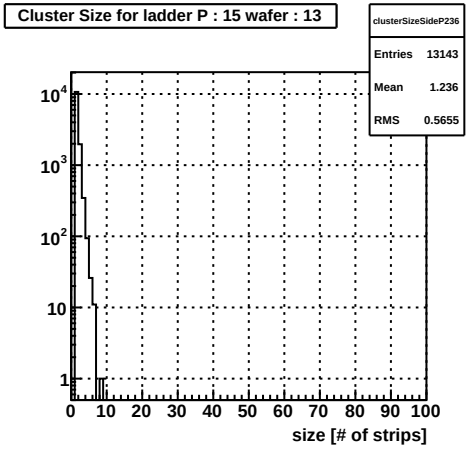

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 7137
Mean 1.239
RMS 0.5816
size [# of strips]

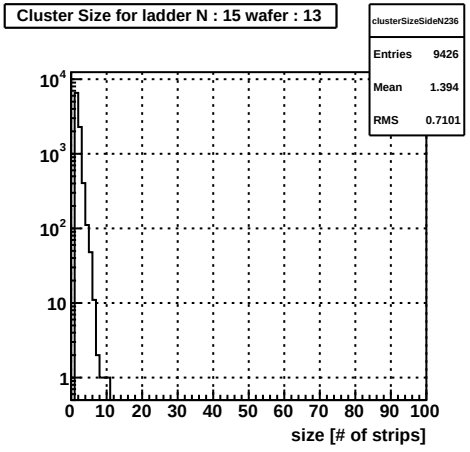

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 7953
Mean 1.394
RMS 0.7409
size [# of strips]

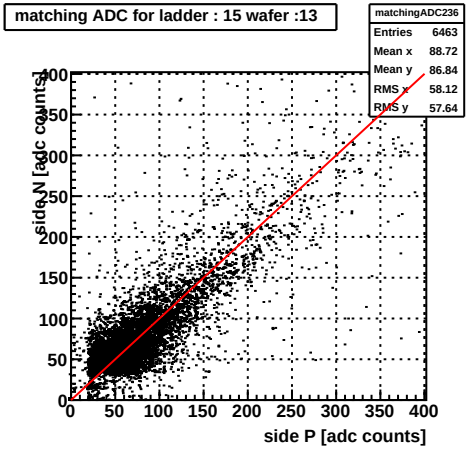

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 2067
Mean x 75.33
Mean y 73.69
RMS x 56.65
RMS y 55.08
side N [adc counts]
side P [adc counts]

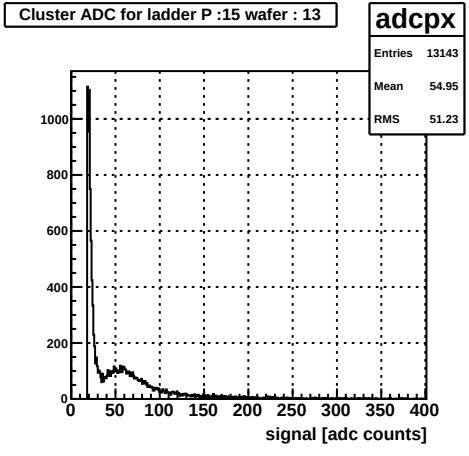

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 7137
Mean 52.46
RMS 47.29
signal [adc counts]

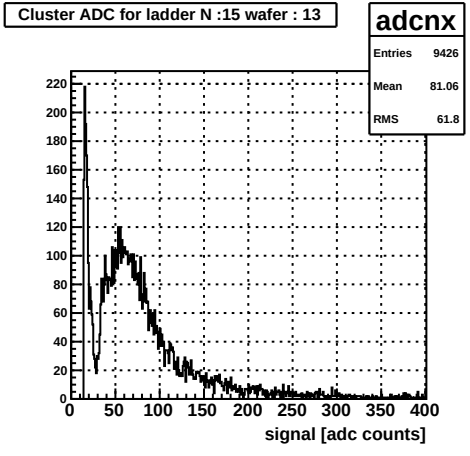

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 7953
Mean 52.1
RMS 49.09
signal [adc counts]

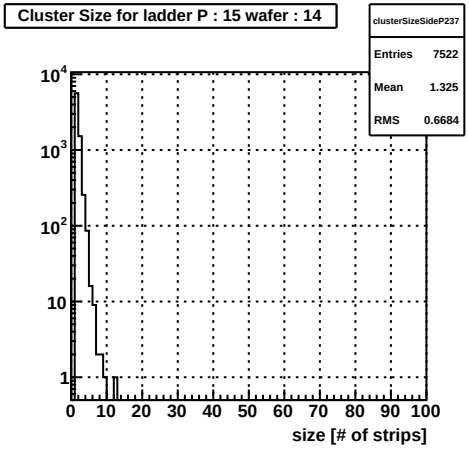

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 13143
Mean 1.236
RMS 0.5655
size [# of strips]

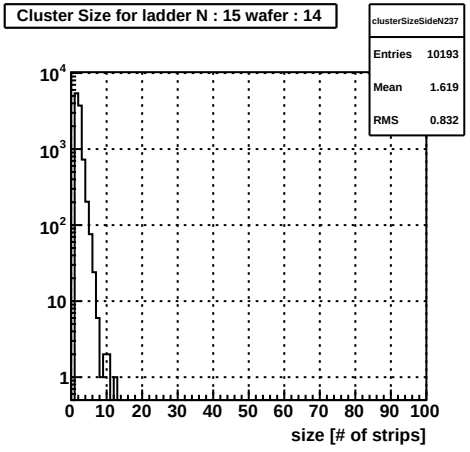

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 9426
Mean 1.394
RMS 0.7101
size [# of strips]

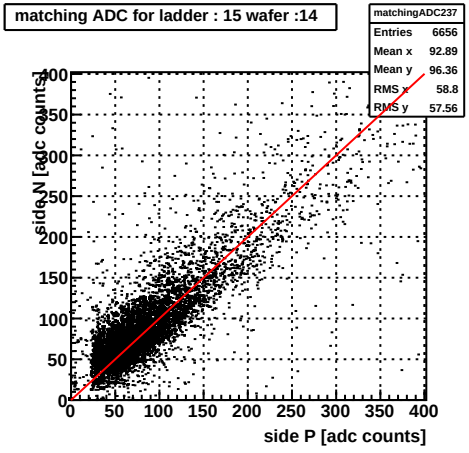

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 6463
Mean x 88.72
Mean y 86.84
RMS x 58.12
RMS y 57.64
side N [adc counts]
side P [adc counts]

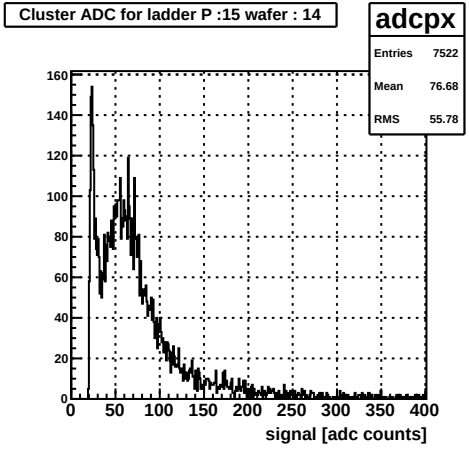

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 13143
Mean 54.95
RMS 51.23
signal [adc counts]

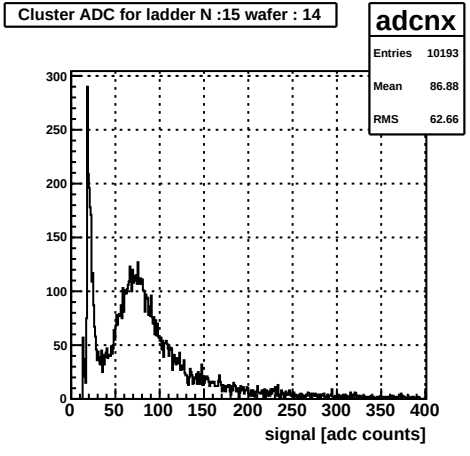

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 9426
Mean 81.06
RMS 61.8
signal [adc counts]

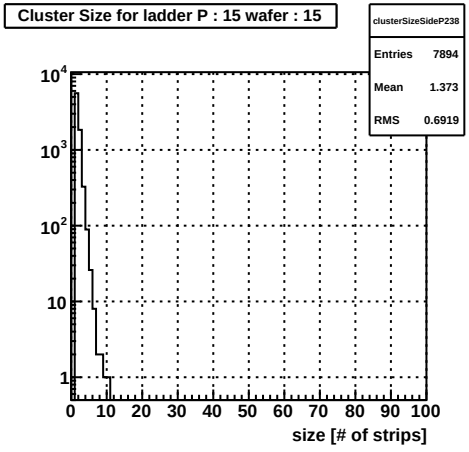

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 7522
Mean 1.325
RMS 0.6684
size [# of strips]

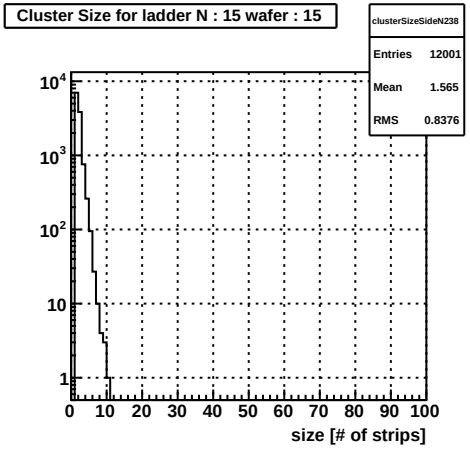

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 10193
Mean 1.619
RMS 0.832
size [# of strips]

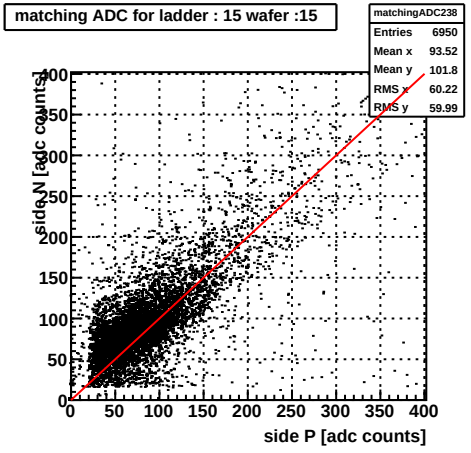

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 6656
Mean x 92.89
Mean y 96.36
RMS x 58.8
RMS y 57.56
side N [adc counts]
side P [adc counts]

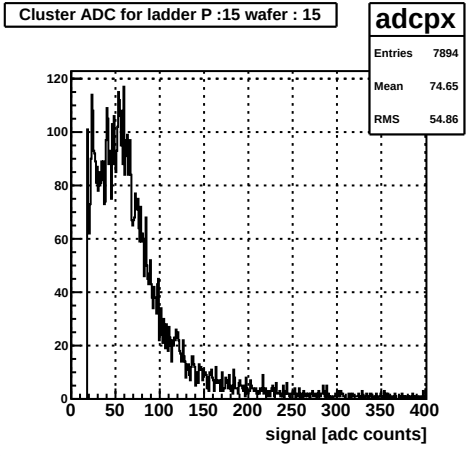

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 7522
Mean 76.68
RMS 55.78
signal [adc counts]

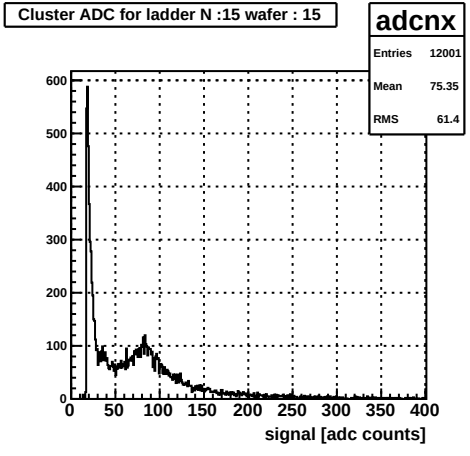

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 10193
Mean 86.88
RMS 62.66
signal [adc counts]

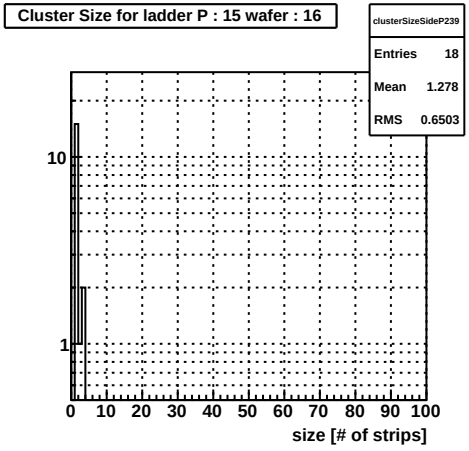

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 7894
Mean 1.373
RMS 0.6919
size [# of strips]

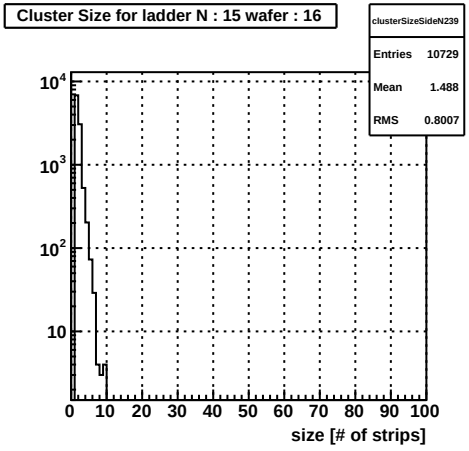

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 12001
Mean 1.565
RMS 0.8376
size [# of strips]

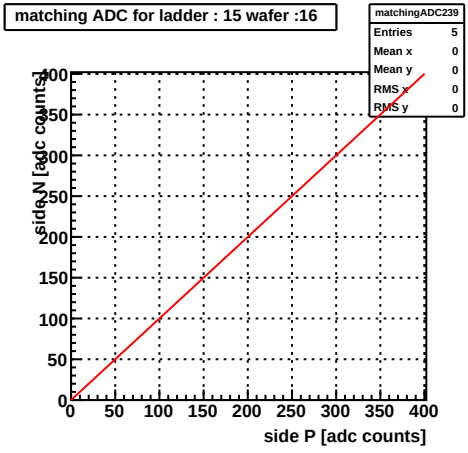

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 6950
Mean x 93.52
Mean y 101.8
RMS x 60.22
RMS y 59.99
side N [adc counts]
side P [adc counts]

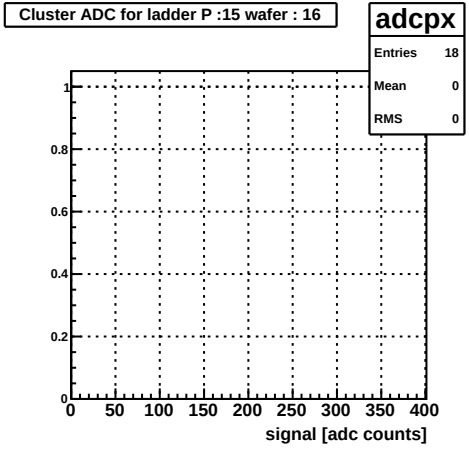

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 7894
Mean 74.65
RMS 54.86
signal [adc counts]

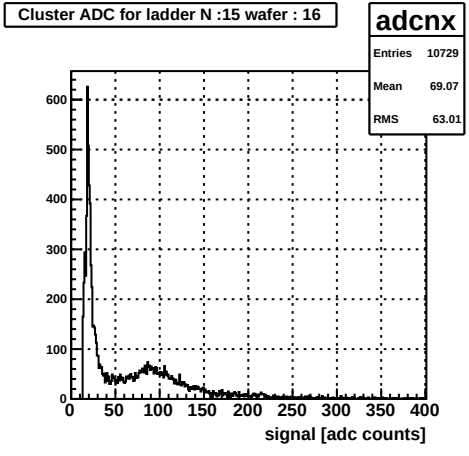

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 12001
Mean 75.35
RMS 61.4
signal [adc counts]

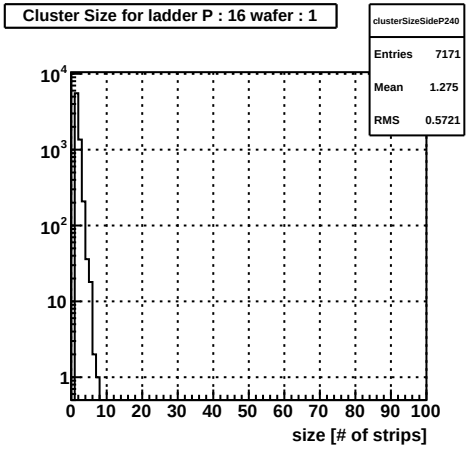

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 18
Mean 1.278
RMS 0.6503
size [# of strips]

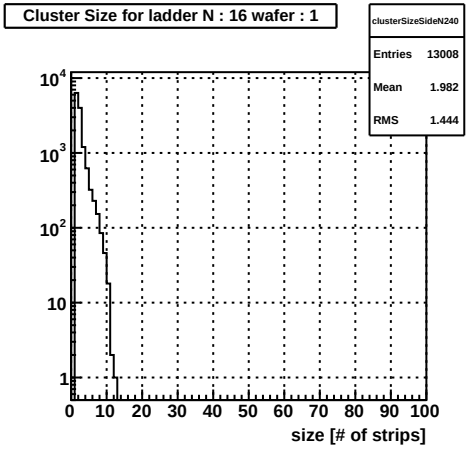

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 10729
Mean 1.488
RMS 0.8007
size [# of strips]

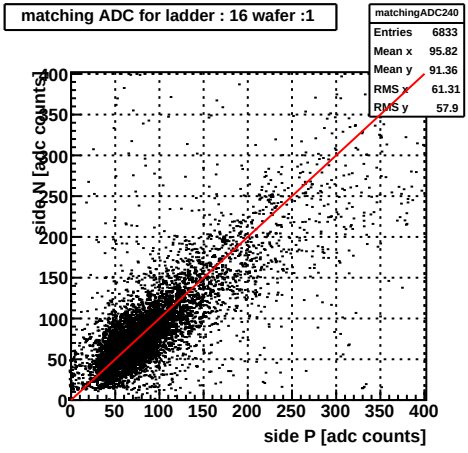

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

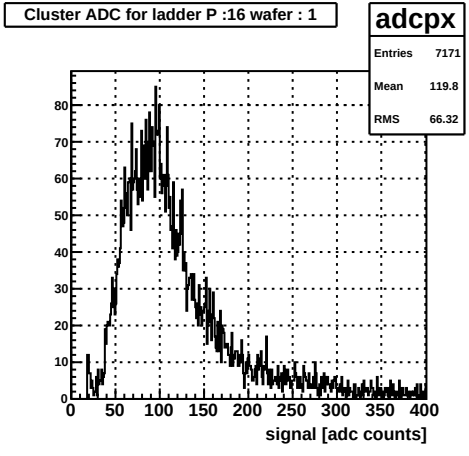

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 18
Mean 0
RMS 0
signal [adc counts]

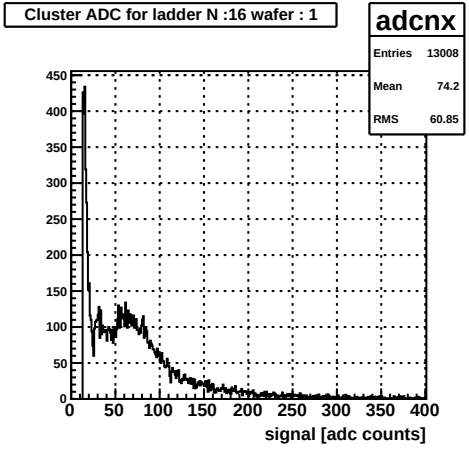

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 10729
Mean 69.07
RMS 63.01
signal [adc counts]

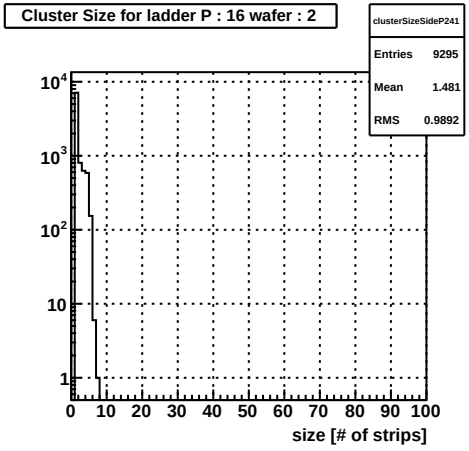

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 7171
Mean 1.275
RMS 0.5721
size [# of strips]

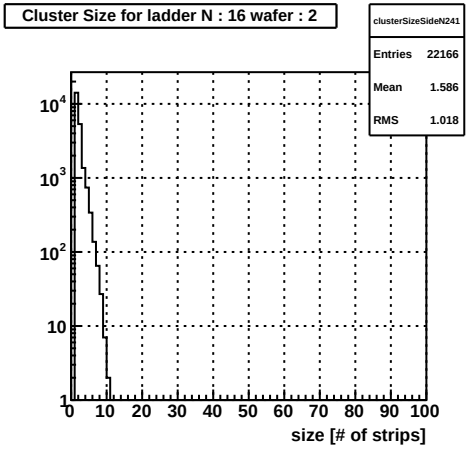

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 13008
Mean 1.982
RMS 1.444
size [# of strips]

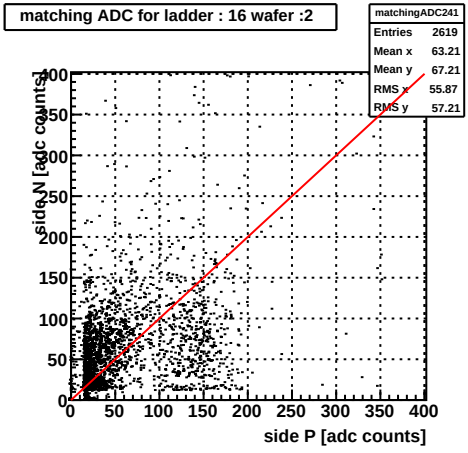

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 6833
Mean x 95.82
Mean y 91.36
RMS x 61.31
RMS y 57.9
side N [adc counts]
side P [adc counts]

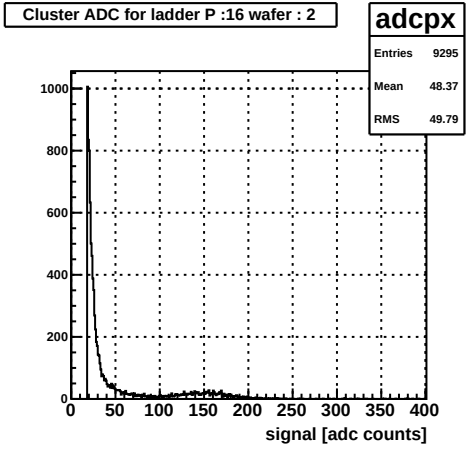

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 7171
Mean 119.8
RMS 66.32
signal [adc counts]

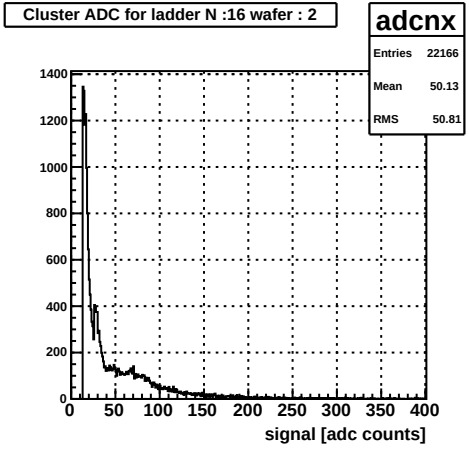

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 13008
Mean 74.2
RMS 60.85
signal [adc counts]

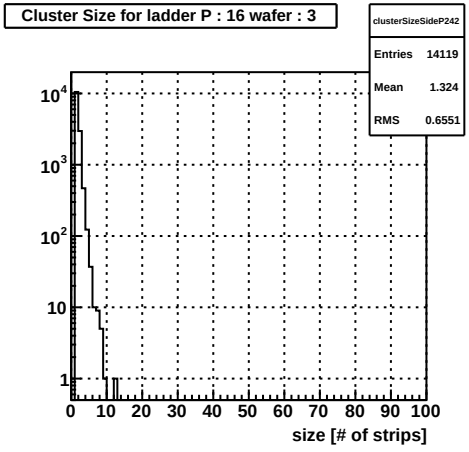

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 9295
Mean 1.481
RMS 0.9892
size [# of strips]

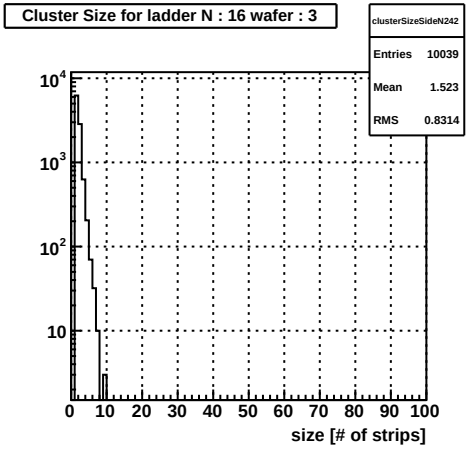

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 22166
Mean 1.586
RMS 1.018
size [# of strips]

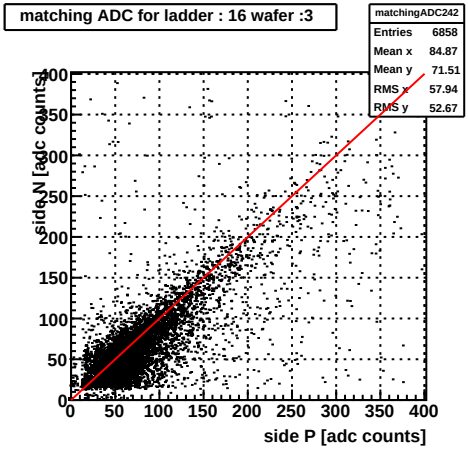

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 2619
Mean x 63.21
Mean y 67.21
RMS x 55.87
RMS y 57.21
side N [adc counts]
side P [adc counts]

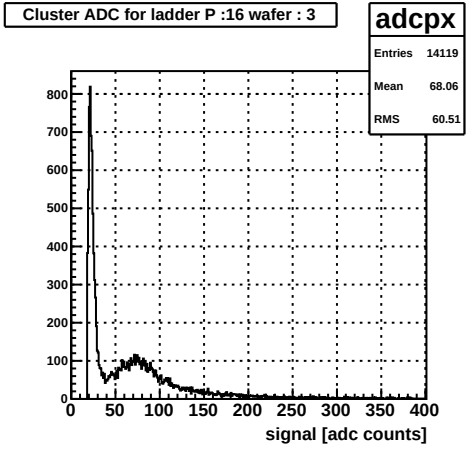

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 9295
Mean 48.37
RMS 49.79
signal [adc counts]

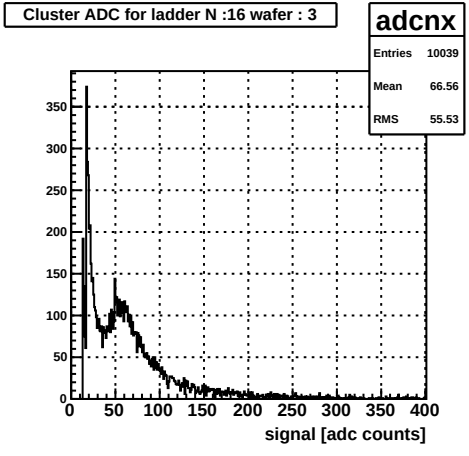

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 22166
Mean 50.13
RMS 50.81
signal [adc counts]

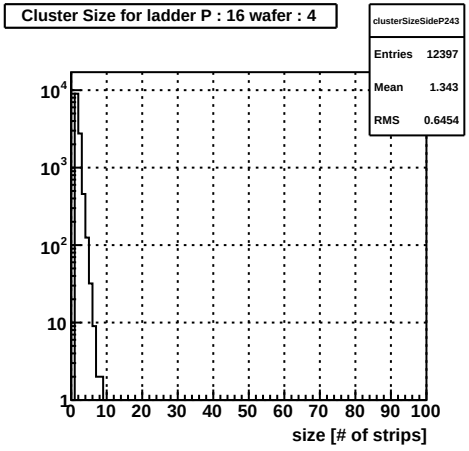

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 14119
Mean 1.324
RMS 0.6551
size [# of strips]

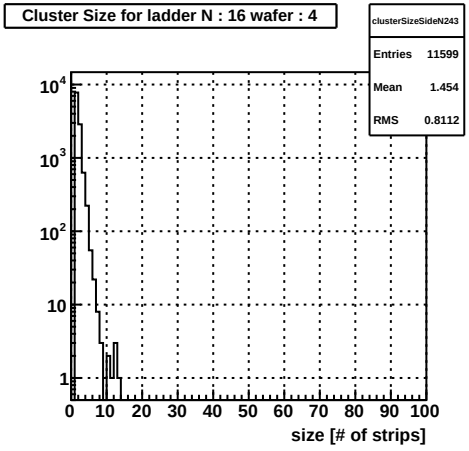

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 10039
Mean 1.523
RMS 0.8314
size [# of strips]

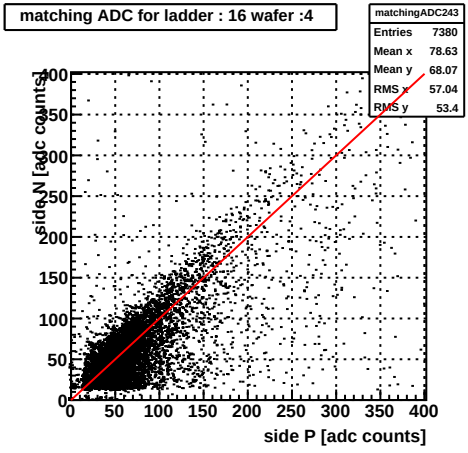

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 6858
Mean x 84.87
Mean y 71.51
RMS x 57.94
RMS y 52.67
side N [adc counts]
side P [adc counts]

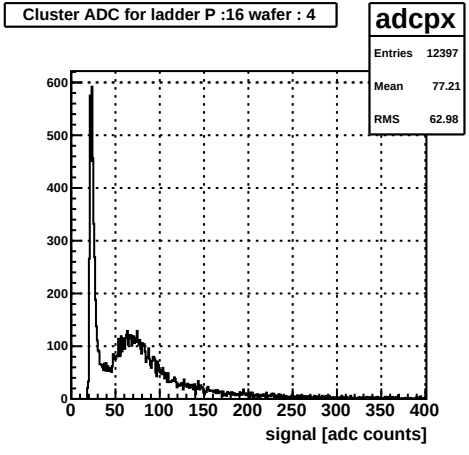

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 14119
Mean 68.06
RMS 60.51
signal [adc counts]

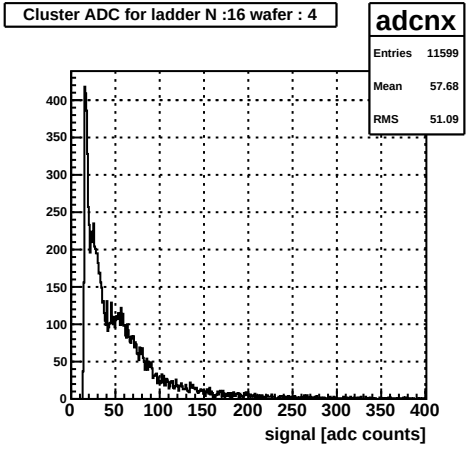

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 10039
Mean 66.56
RMS 55.53
signal [adc counts]

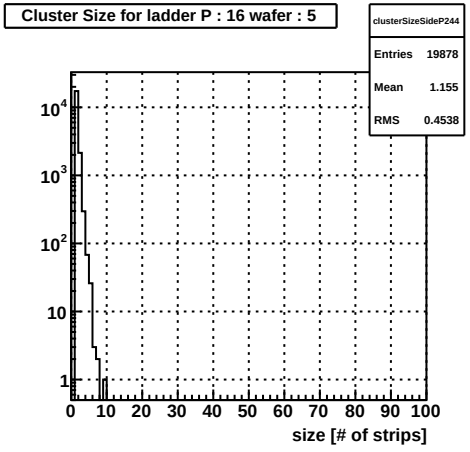

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 12397
Mean 1.343
RMS 0.6454
size [# of strips]

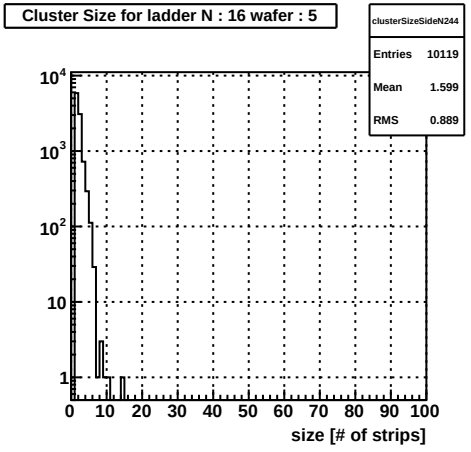

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 11599
Mean 1.454
RMS 0.8112
size [# of strips]

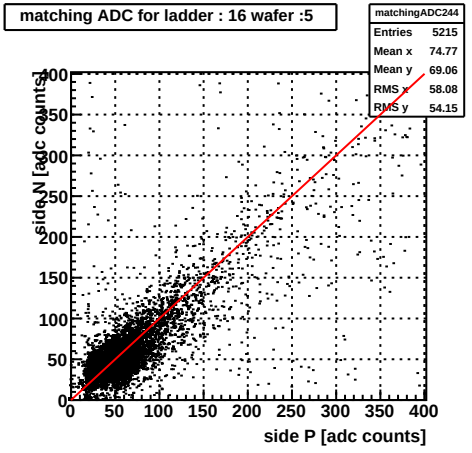

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 7380
Mean x 78.63
Mean y 68.07
RMS x 57.04
RMS y 53.4
side N [adc counts]
side P [adc counts]

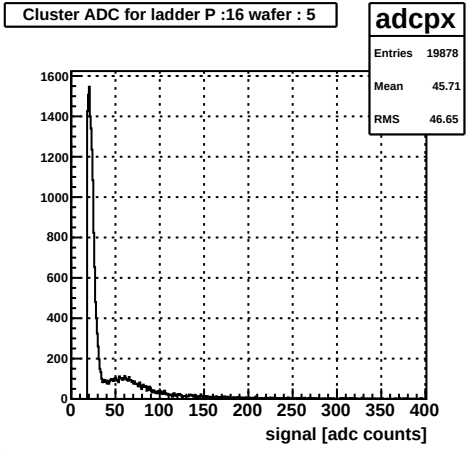

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 12397
Mean 77.21
RMS 62.98
signal [adc counts]

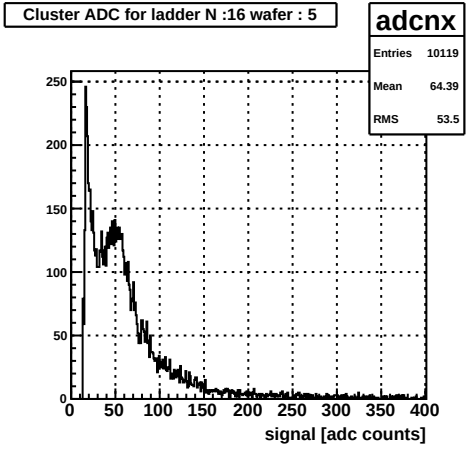

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 11599
Mean 57.68
RMS 51.09
signal [adc counts]

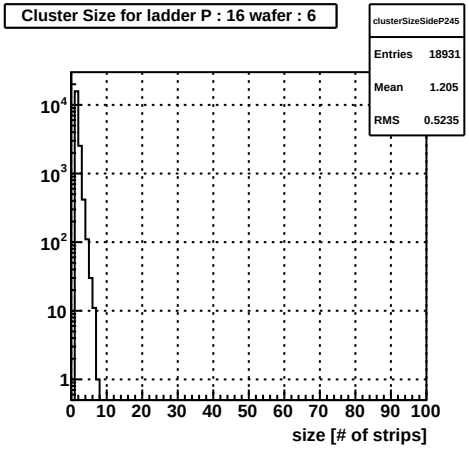

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 19878
Mean 1.155
RMS 0.4538
size [# of strips]

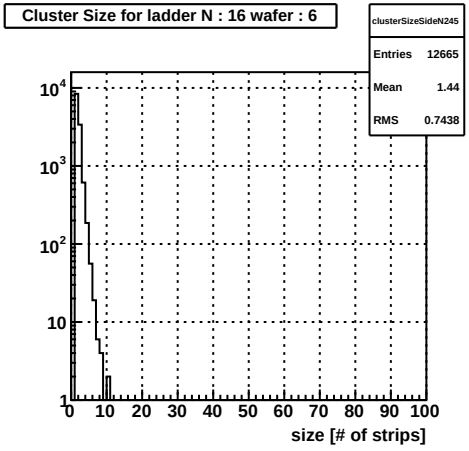

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 10119
Mean 1.599
RMS 0.889
size [# of strips]

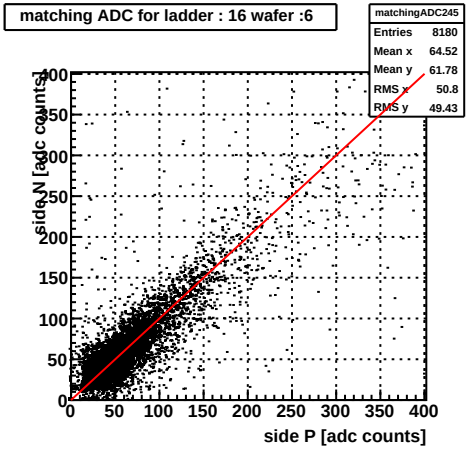

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 5215
Mean x 74.77
Mean y 69.06
RMS x 58.08
RMS y 54.15
side N [adc counts]
side P [adc counts]

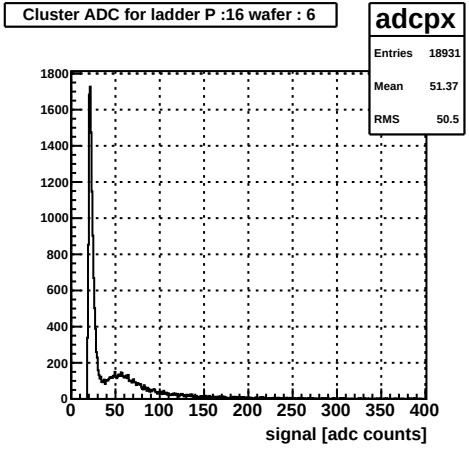

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 19878
Mean 45.71
RMS 46.65
signal [adc counts]

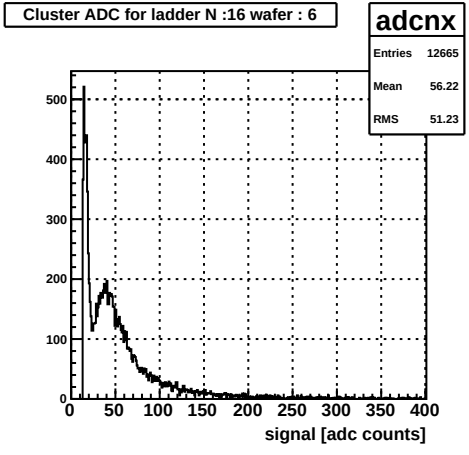

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 10119
Mean 64.39
RMS 53.5
signal [adc counts]

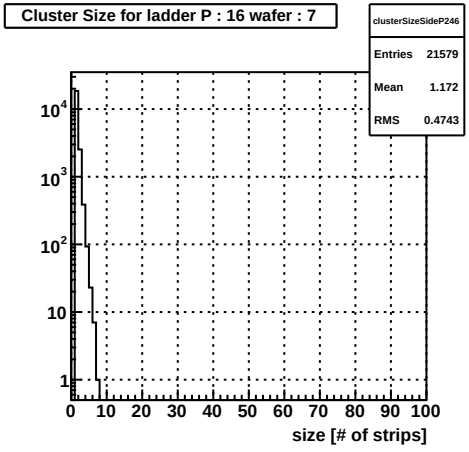

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 18931
Mean 1.205
RMS 0.5235
size [# of strips]

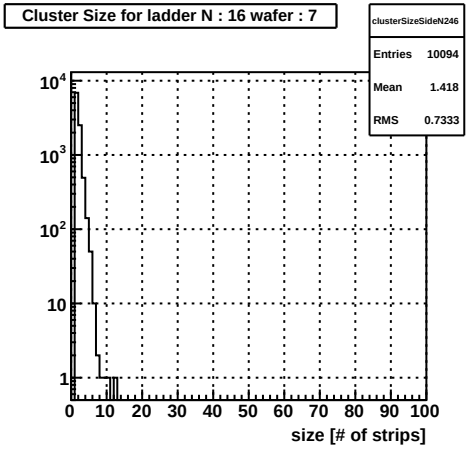

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 12665
Mean 1.44
RMS 0.7438
size [# of strips]

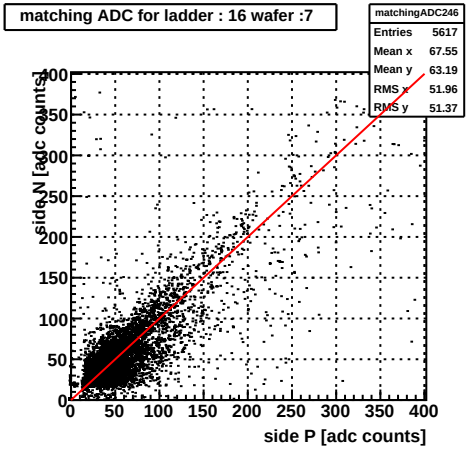

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 8180
Mean x 64.52
Mean y 61.78
RMS x 50.8
RMS y 49.43
side N [adc counts]
side P [adc counts]

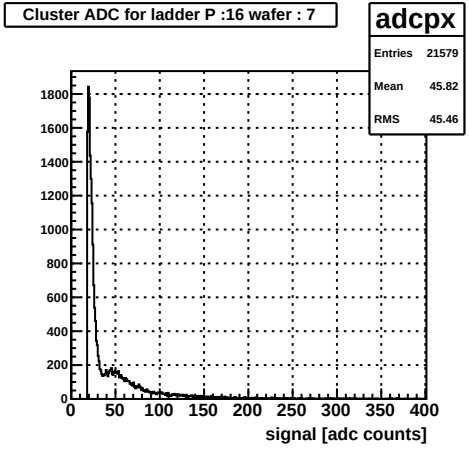

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 18931
Mean 51.37
RMS 50.5
signal [adc counts]

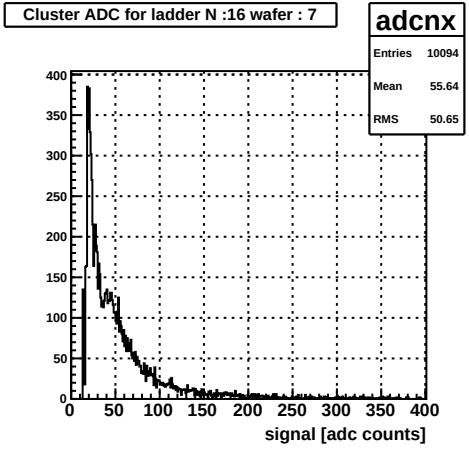

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 12665
Mean 56.22
RMS 51.23
signal [adc counts]

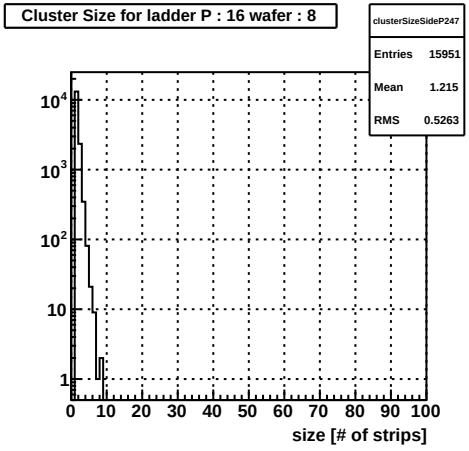

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 21579
Mean 1.172
RMS 0.4743
size [# of strips]

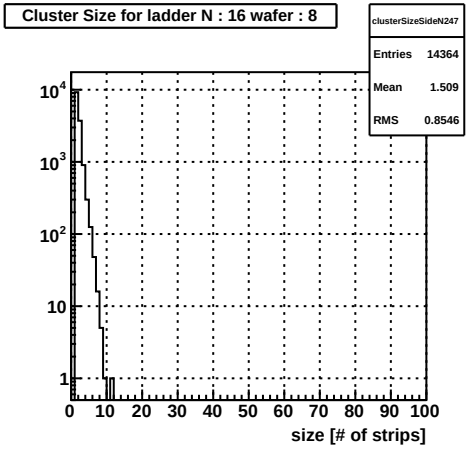

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 10094
Mean 1.418
RMS 0.7333
size [# of strips]

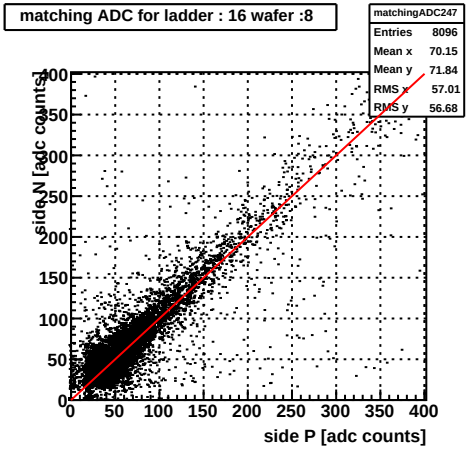

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 5617
Mean x 67.55
Mean y 63.19
RMS x 51.96
RMS y 51.37
side N [adc counts]
side P [adc counts]

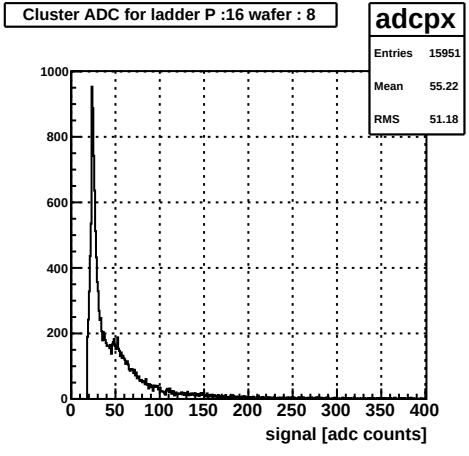

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 21579
Mean 45.82
RMS 45.46
signal [adc counts]

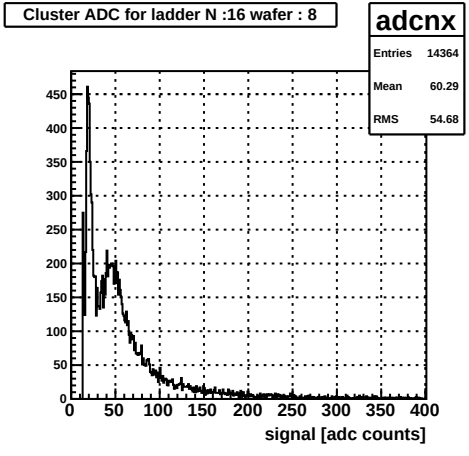

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 10094
Mean 55.64
RMS 50.65
signal [adc counts]

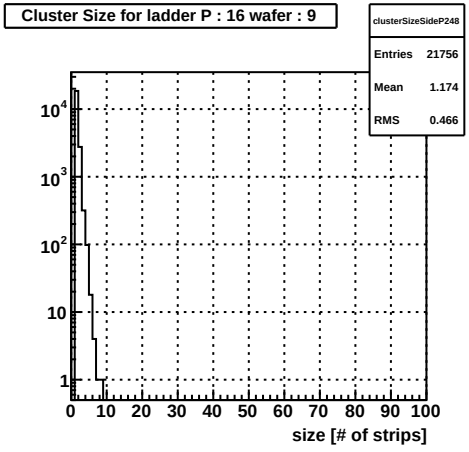

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 15951
Mean 1.215
RMS 0.5263
size [# of strips]

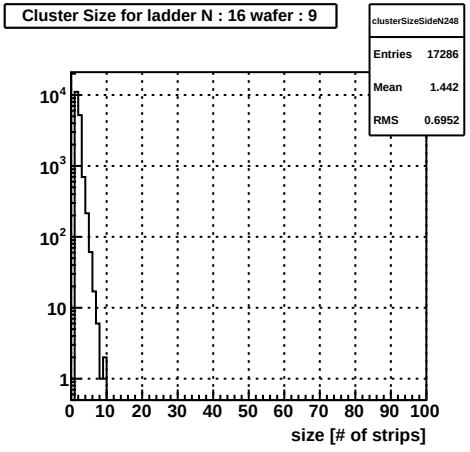

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 14364
Mean 1.509
RMS 0.8546
size [# of strips]

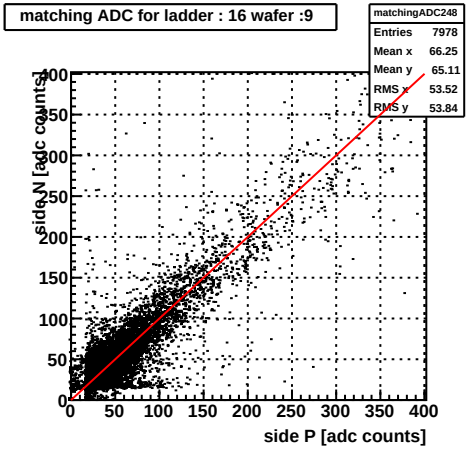

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 8096
Mean x 70.15
Mean y 71.84
RMS x 57.01
RMS y 56.68
side N [adc counts]
side P [adc counts]

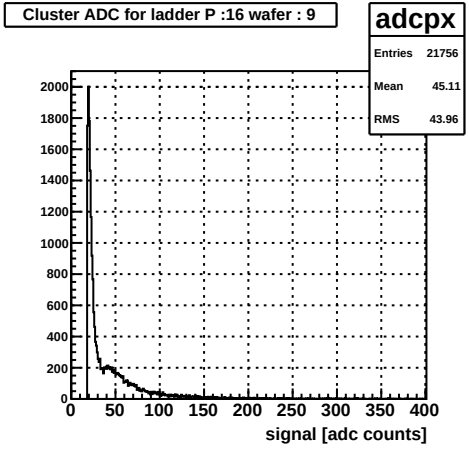

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 15951
Mean 55.22
RMS 51.18
signal [adc counts]

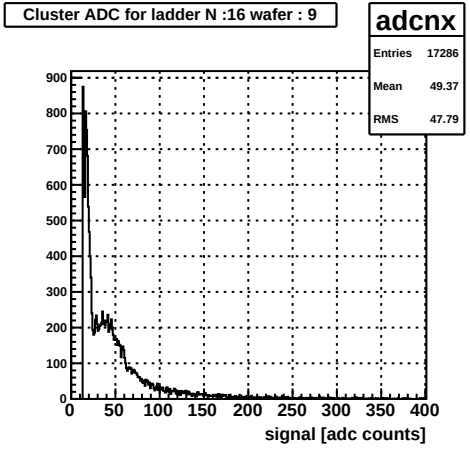

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 14364
Mean 60.29
RMS 54.68
signal [adc counts]

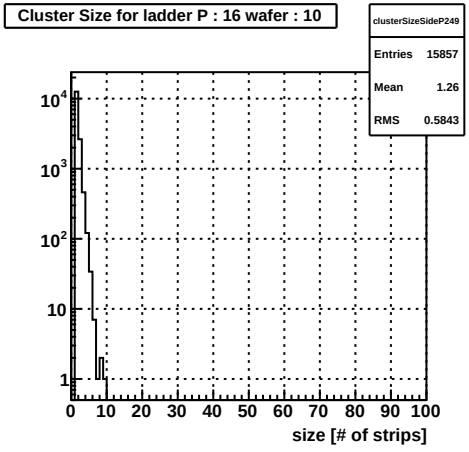

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 21756
Mean 1.174
RMS 0.466
size [# of strips]

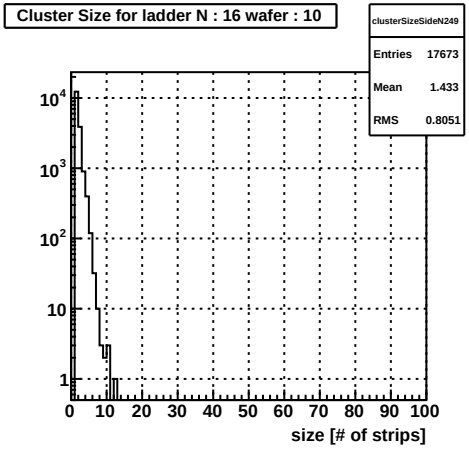

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 17286
Mean 1.442
RMS 0.6952
size [# of strips]

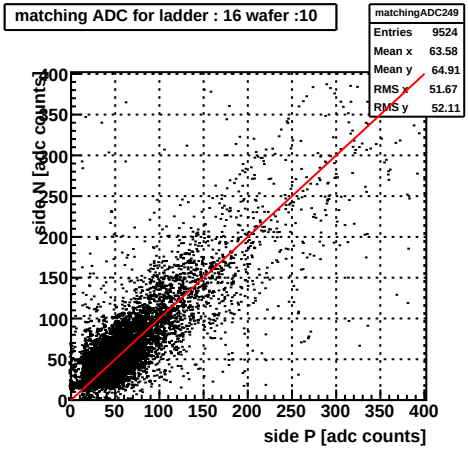

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 7978
Mean x 66.25
Mean y 65.11
RMS x 53.52
RMS y 53.84
side N [adc counts]
side P [adc counts]

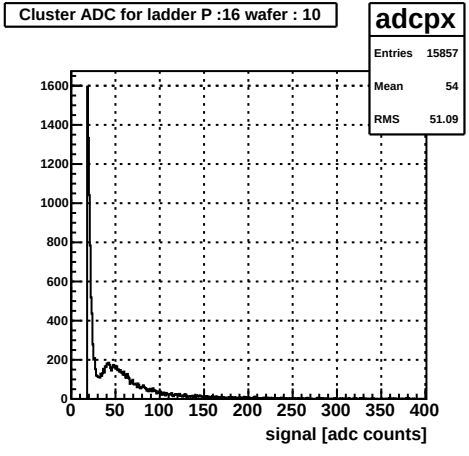

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 21756
Mean 45.11
RMS 43.96
signal [adc counts]

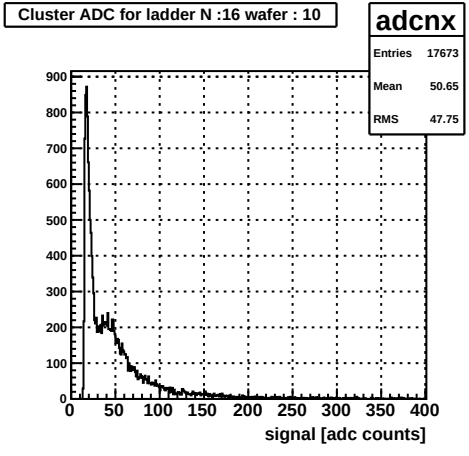

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 17286
Mean 49.37
RMS 47.79
signal [adc counts]

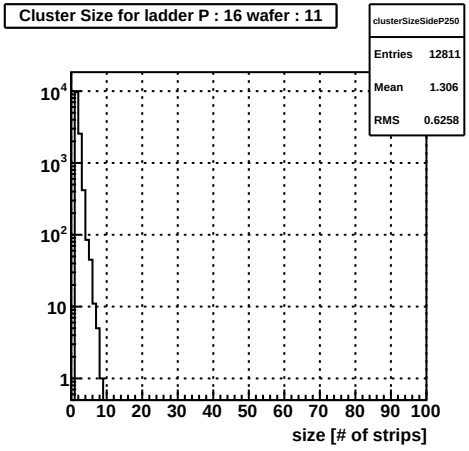

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 15857
Mean 1.26
RMS 0.5843
size [# of strips]

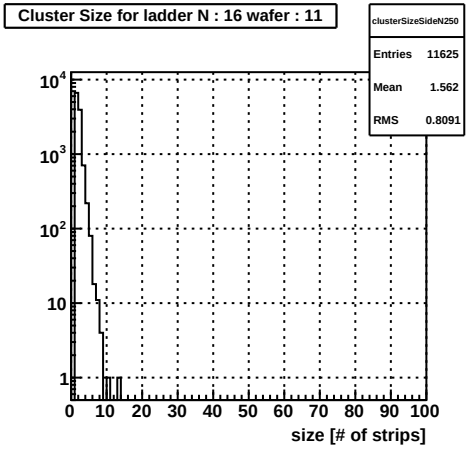

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 17673
Mean 1.433
RMS 0.8051
size [# of strips]

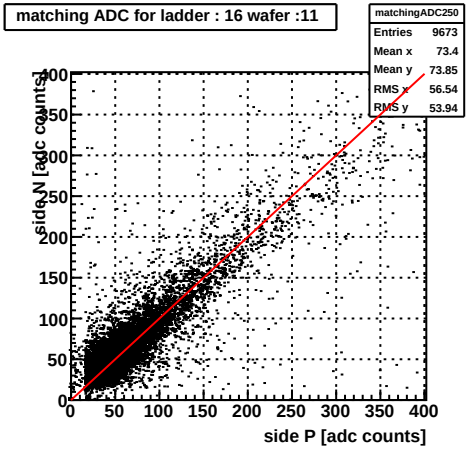

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 9524
Mean x 63.58
Mean y 64.91
RMS x 51.67
RMS y 52.11
side N [adc counts]
side P [adc counts]

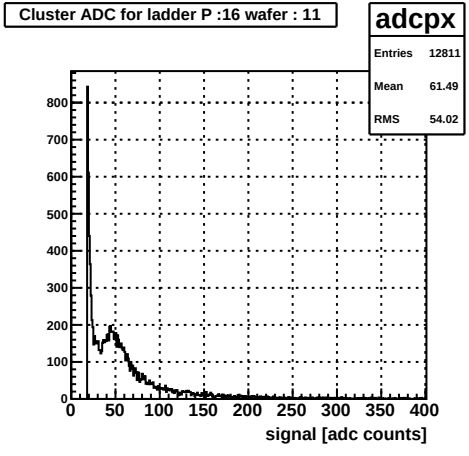

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 15857
Mean 54
RMS 51.09
signal [adc counts]

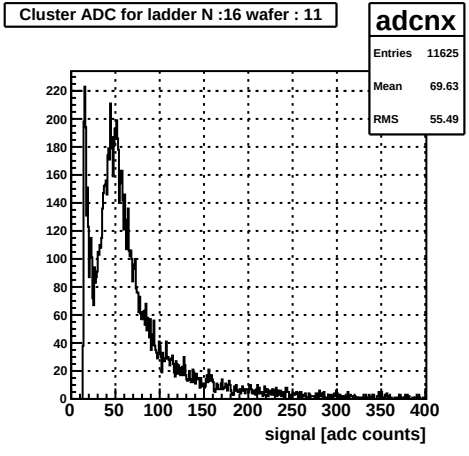

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 17673
Mean 50.65
RMS 47.75
signal [adc counts]

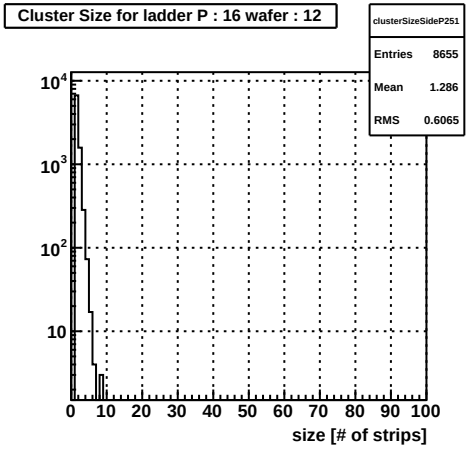

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 12811
Mean 1.306
RMS 0.6258
size [# of strips]

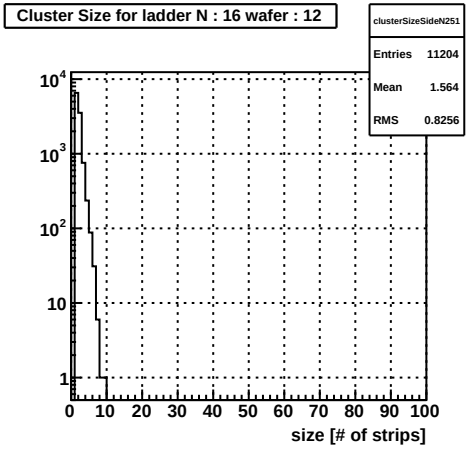

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 11625
Mean 1.562
RMS 0.8091
size [# of strips]

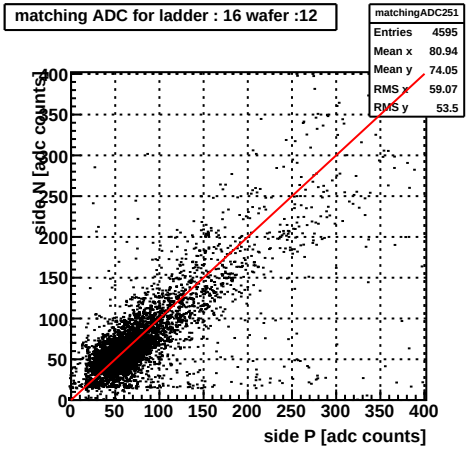

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 9673
Mean x 73.4
Mean y 73.85
RMS x 56.54
RMS y 53.94
side N [adc counts]
side P [adc counts]

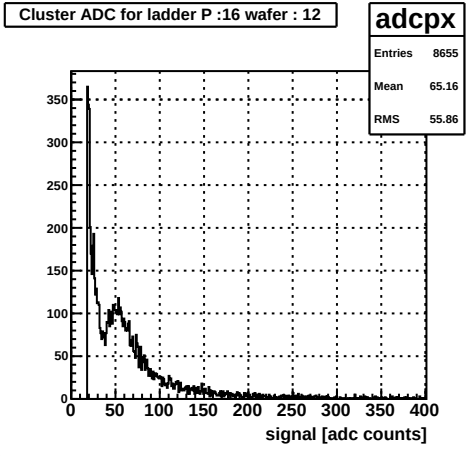

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 12811
Mean 61.49
RMS 54.02
signal [adc counts]

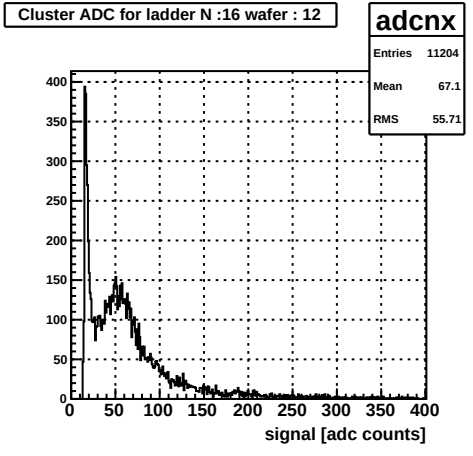

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 11625
Mean 69.63
RMS 55.49
signal [adc counts]

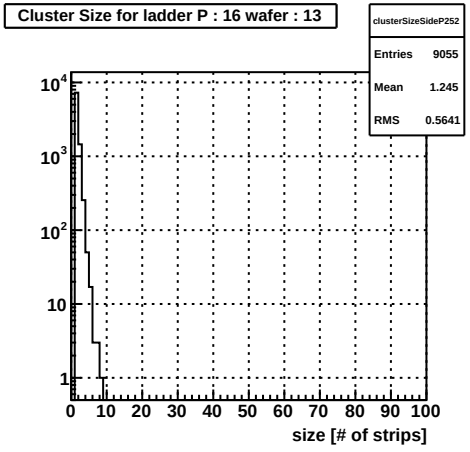

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 8655
Mean 1.286
RMS 0.6065
size [# of strips]

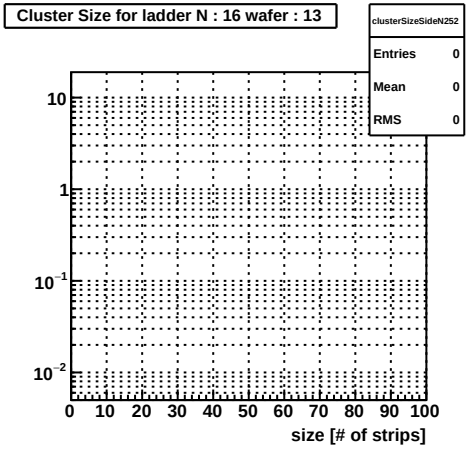

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 11204
Mean 1.564
RMS 0.8256
size [# of strips]

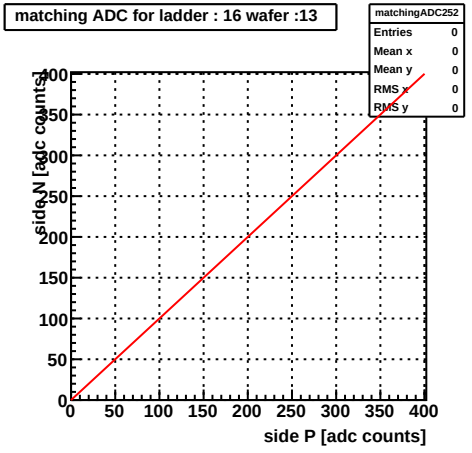

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 4595
Mean x 80.94
Mean y 74.05
RMS x 59.07
RMS y 53.5
side N [adc counts]
side P [adc counts]

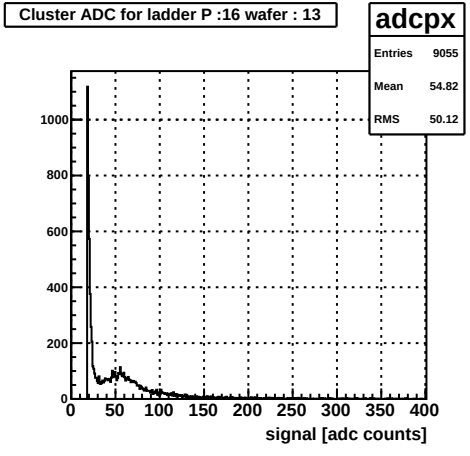

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 8655
Mean 65.16
RMS 55.86
signal [adc counts]

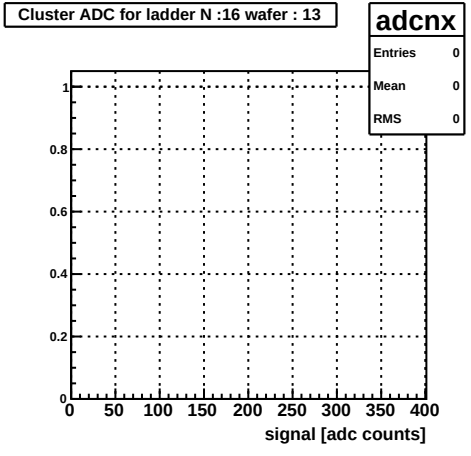

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 11204
Mean 67.1
RMS 55.71
signal [adc counts]

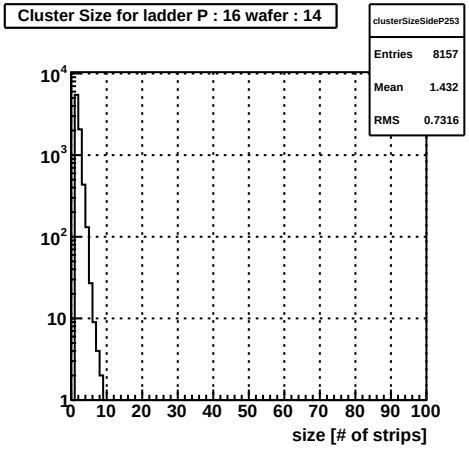

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 9055
Mean 1.245
RMS 0.5641
size [# of strips]

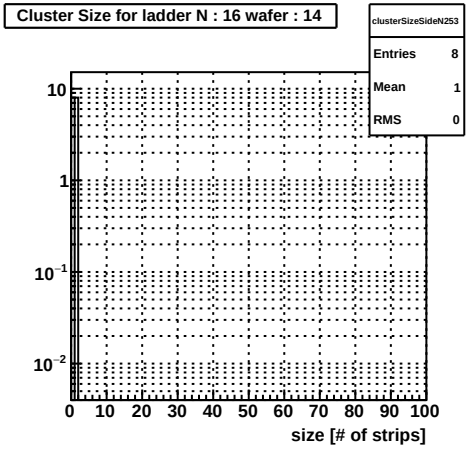

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

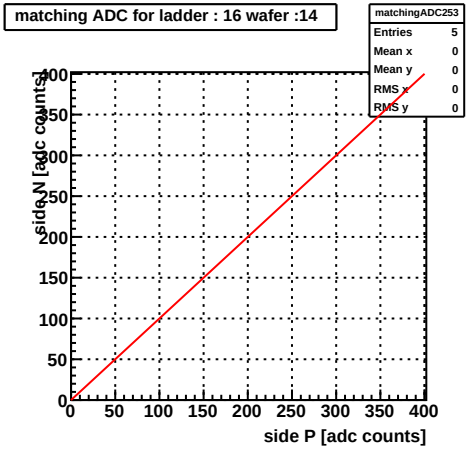

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

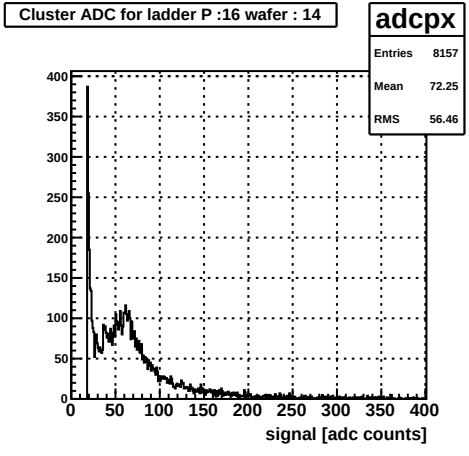

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 9055
Mean 54.82
RMS 50.12
signal [adc counts]

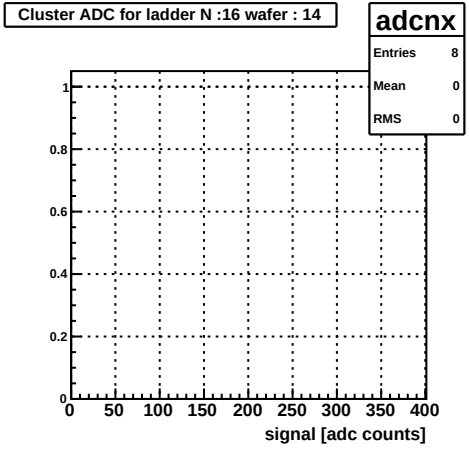

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

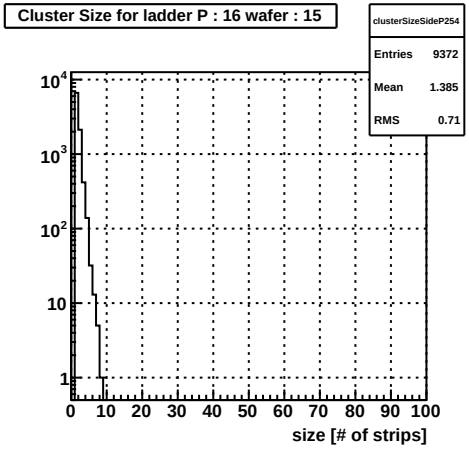

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 8157
Mean 1.432
RMS 0.7316
size [# of strips]

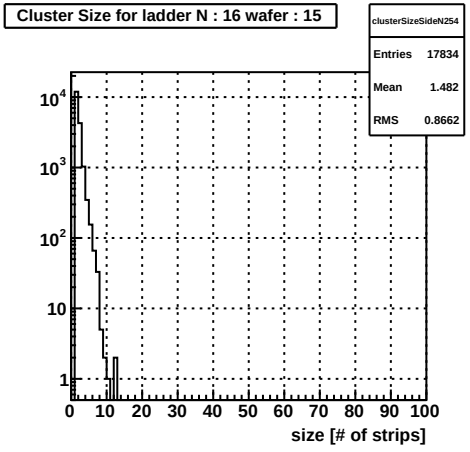

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 8
Mean 1
RMS 0
size [# of strips]

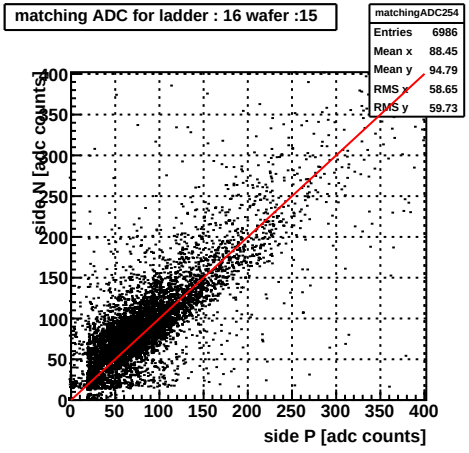

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

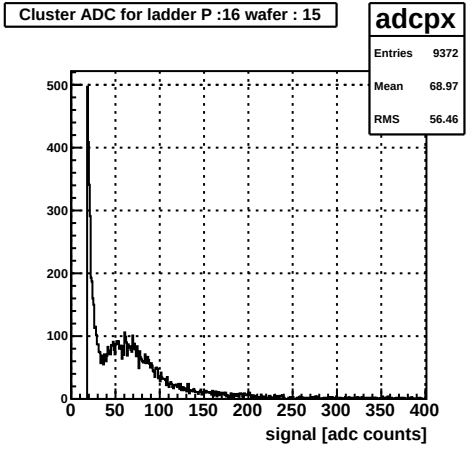

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 8157
Mean 72.25
RMS 56.46
signal [adc counts]

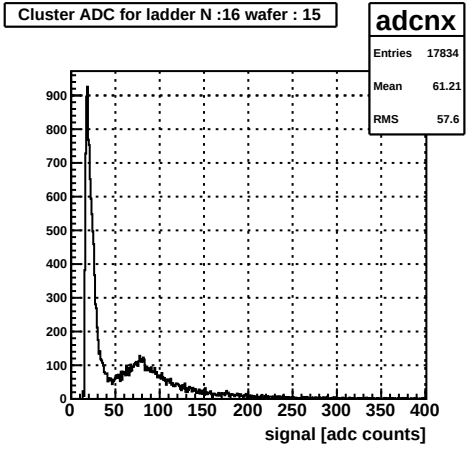

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 8
Mean 0
RMS 0
signal [adc counts]

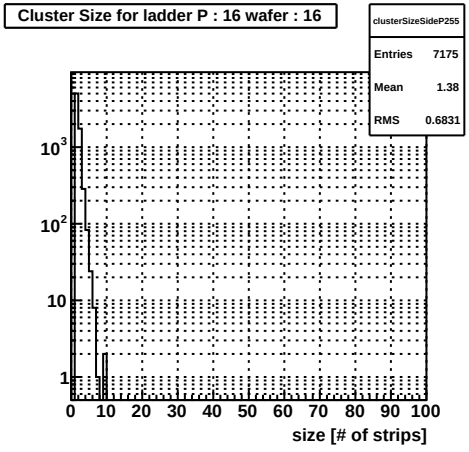

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 9372
Mean 1.385
RMS 0.71
size [# of strips]

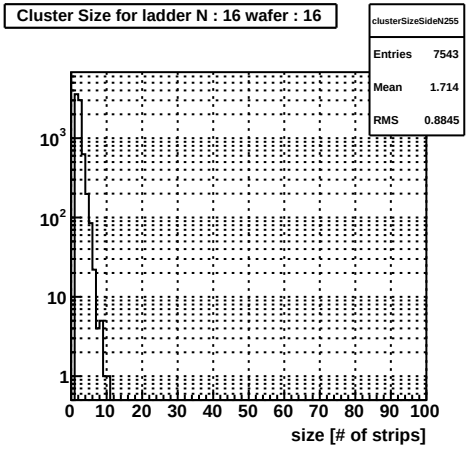

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 17834
Mean 1.482
RMS 0.8662
size [# of strips]

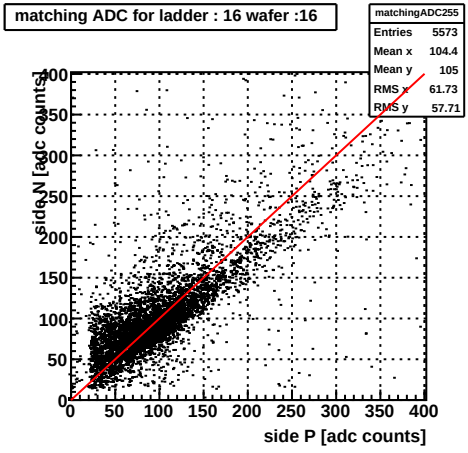

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 6986
Mean x 88.45
Mean y 94.79
RMS x 58.65
RMS y 59.73
side N [adc counts]
side P [adc counts]

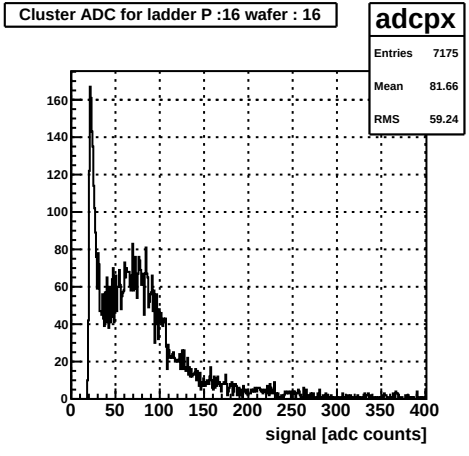

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 9372
Mean 68.97
RMS 56.46
signal [adc counts]

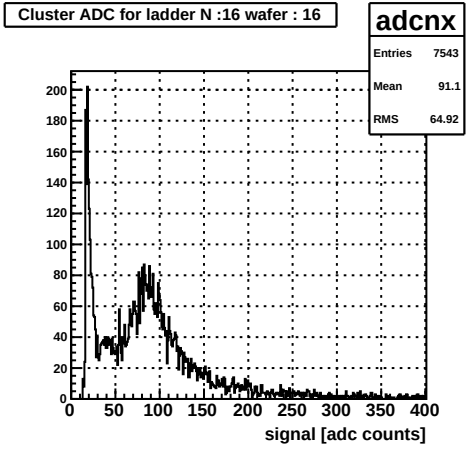

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 17834
Mean 61.21
RMS 57.6
signal [adc counts]

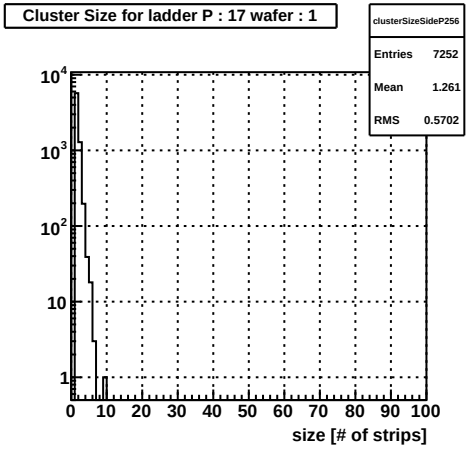

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 7175
Mean 1.38
RMS 0.6831
size [# of strips]

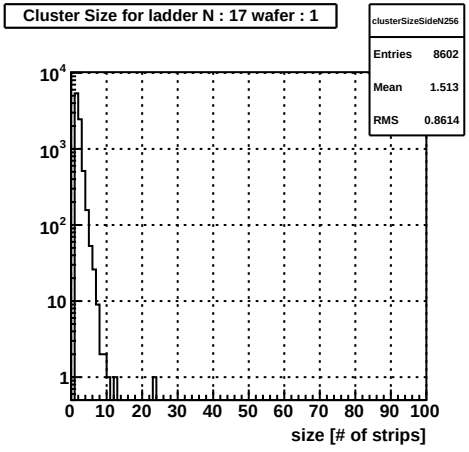

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 7543
Mean 1.714
RMS 0.8845
size [# of strips]

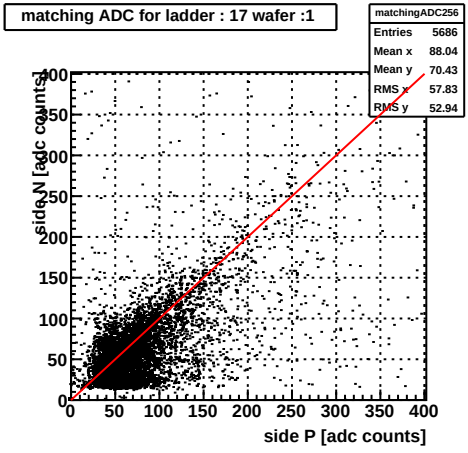

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 5573
Mean x 104.4
Mean y 105
RMS x 61.73
RMS y 57.71
side N [adc counts]
side P [adc counts]

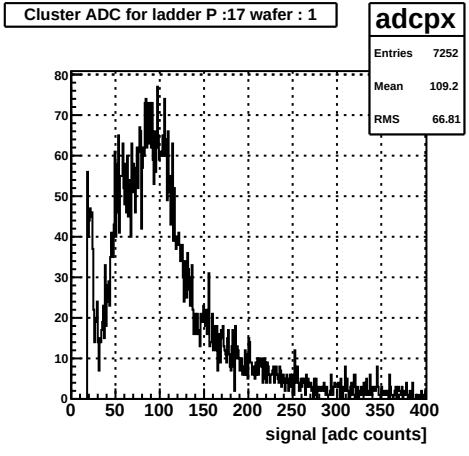

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 7175
Mean 81.66
RMS 59.24
signal [adc counts]

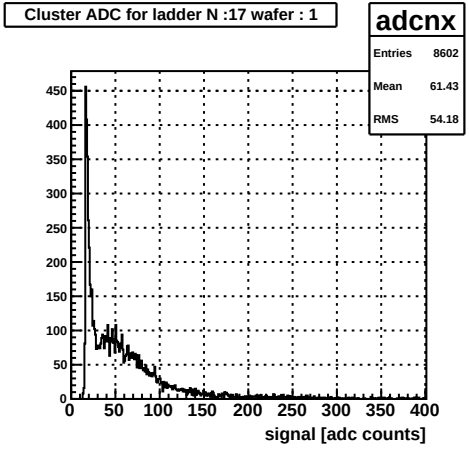

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 7543
Mean 91.1
RMS 64.92
signal [adc counts]

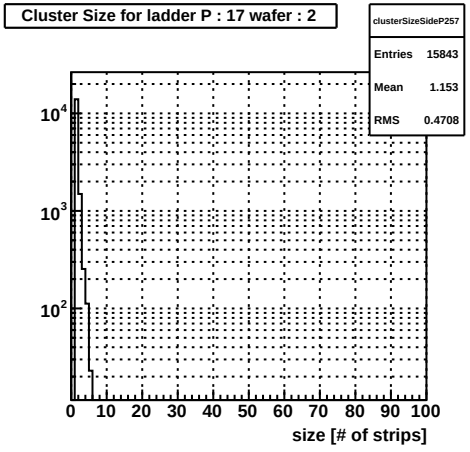

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 7252
Mean 1.261
RMS 0.5702
size [# of strips]

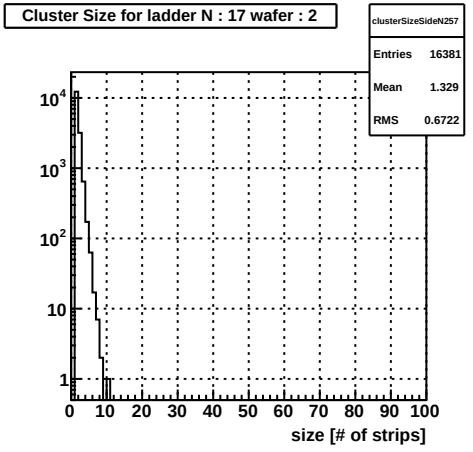

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 8602
Mean 1.513
RMS 0.8614
size [# of strips]

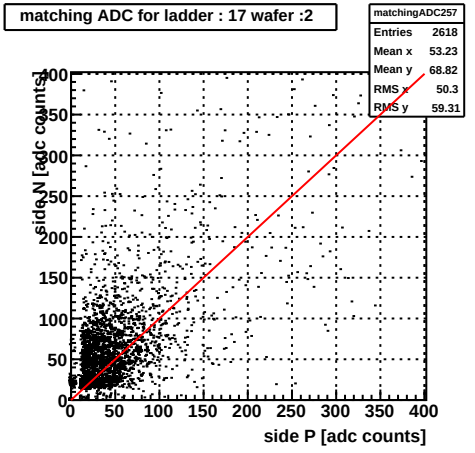

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 5686
Mean x 88.04
Mean y 70.43
RMS x 57.83
RMS y 52.94
side N [adc counts]
side P [adc counts]

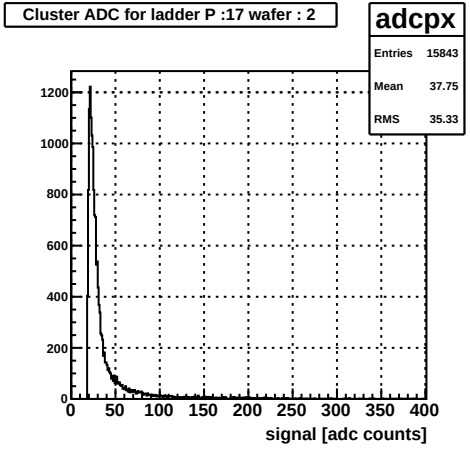

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 7252
Mean 109.2
RMS 66.81
signal [adc counts]

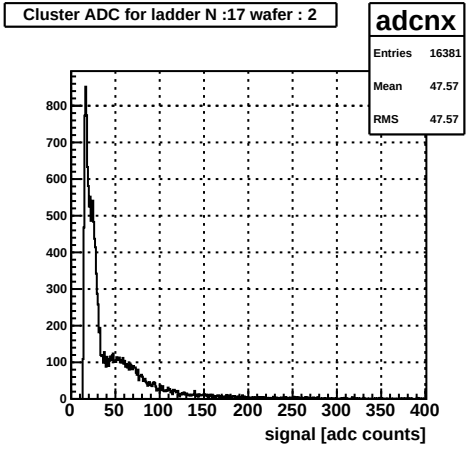

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 8602
Mean 61.43
RMS 54.18
signal [adc counts]

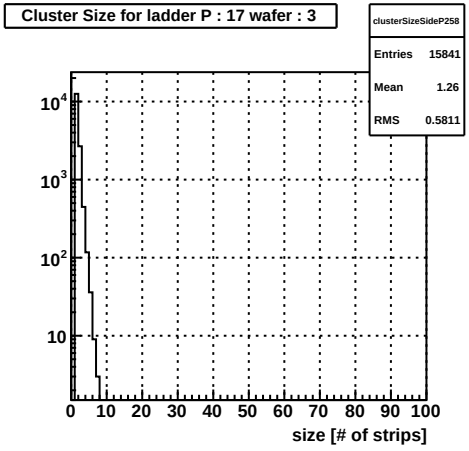

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 15843
Mean 1.153
RMS 0.4708
size [# of strips]

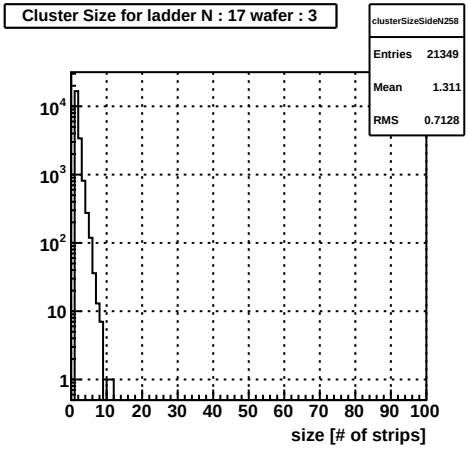

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 16381
Mean 1.329
RMS 0.6722
size [# of strips]

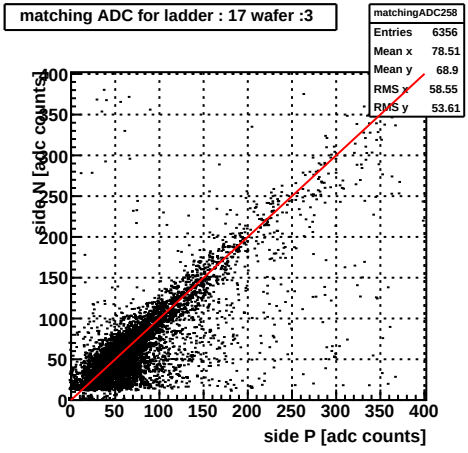

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 2618
Mean x 53.23
Mean y 68.82
RMS x 50.3
RMS y 59.31
side N [adc counts]
side P [adc counts]

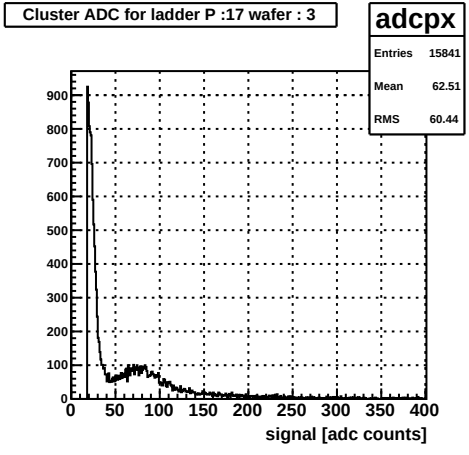

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 15843
Mean 37.75
RMS 35.33
signal [adc counts]

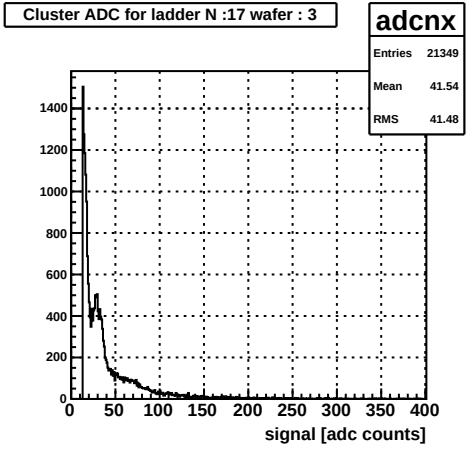

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 16381
Mean 47.57
RMS 47.57
signal [adc counts]

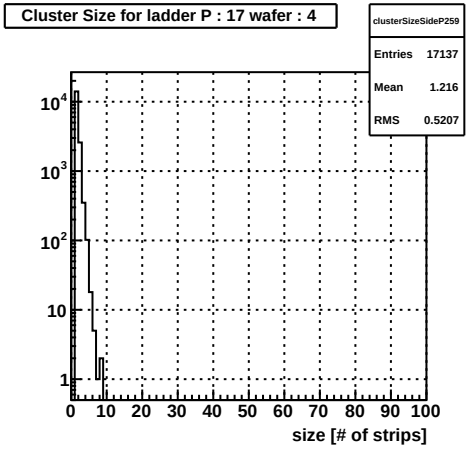

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 15841
Mean 1.26
RMS 0.5811
size [# of strips]

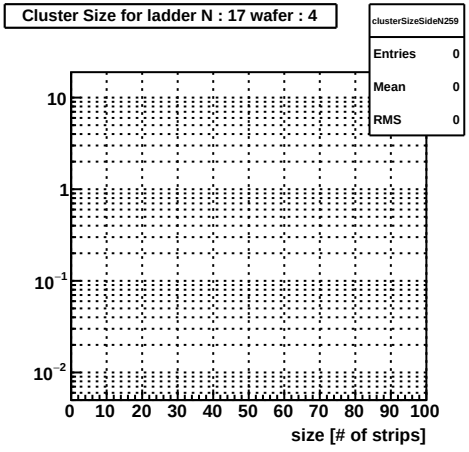

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 21349
Mean 1.311
RMS 0.7128
size [# of strips]

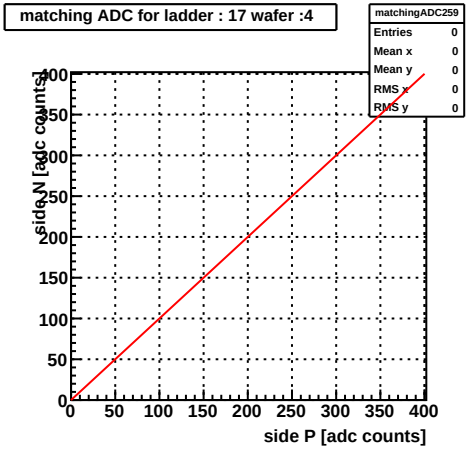

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 6356
Mean x 78.51
Mean y 68.9
RMS x 58.55
RMS y 53.61
side N [adc counts]
side P [adc counts]

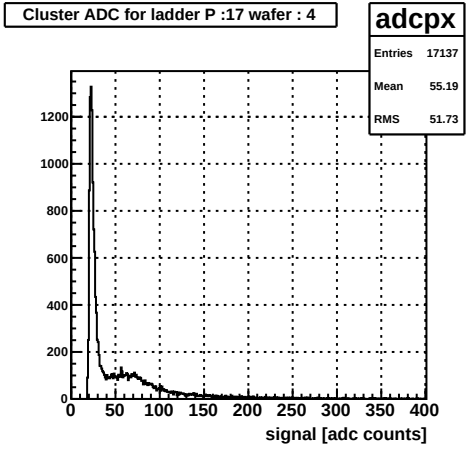

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 15841
Mean 62.51
RMS 60.44
signal [adc counts]

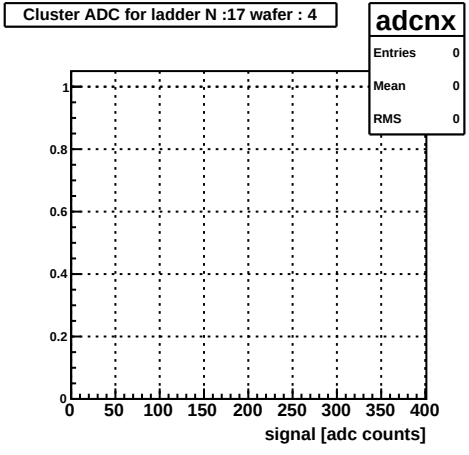

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 21349
Mean 41.54
RMS 41.48
signal [adc counts]

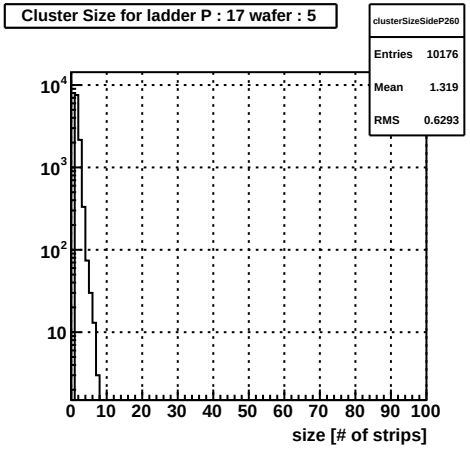

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 17137
Mean 1.216
RMS 0.5207
size [# of strips]

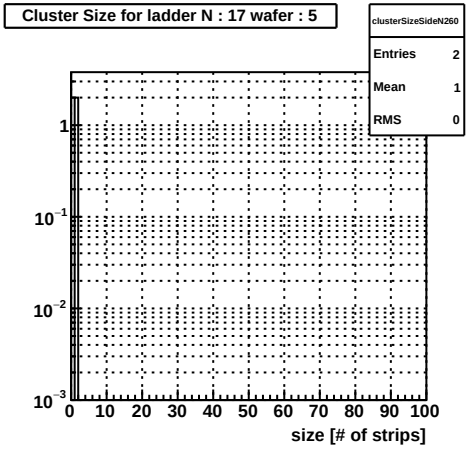

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

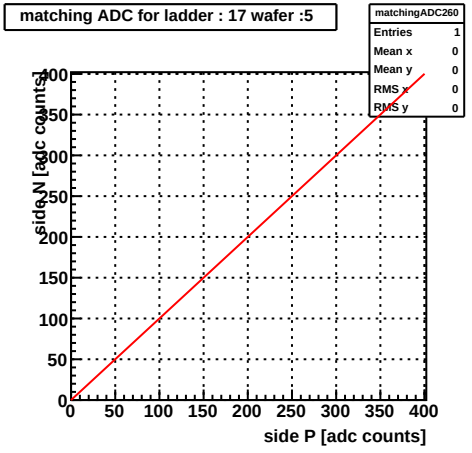

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

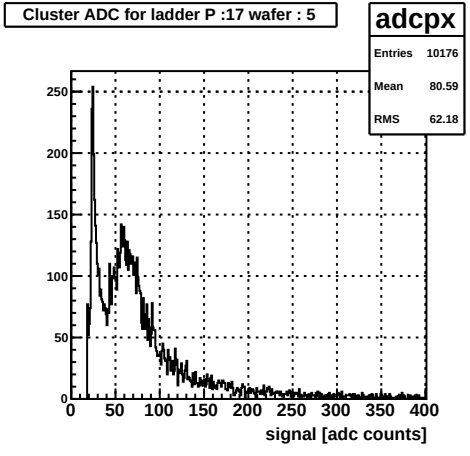

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 17137
Mean 55.19
RMS 51.73
signal [adc counts]

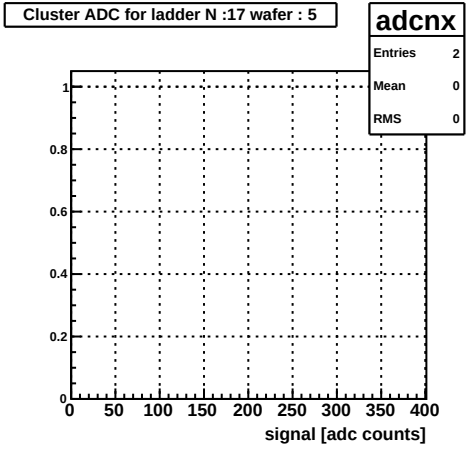

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

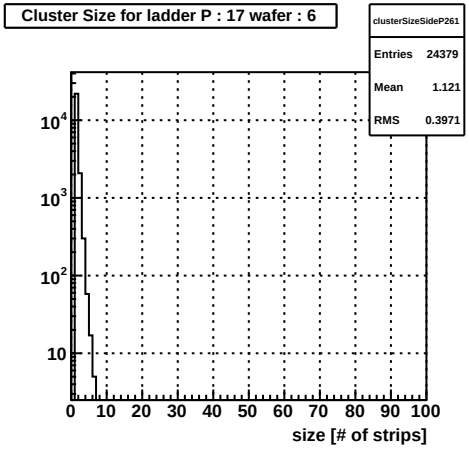

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 10176
Mean 1.319
RMS 0.6293
size [# of strips]

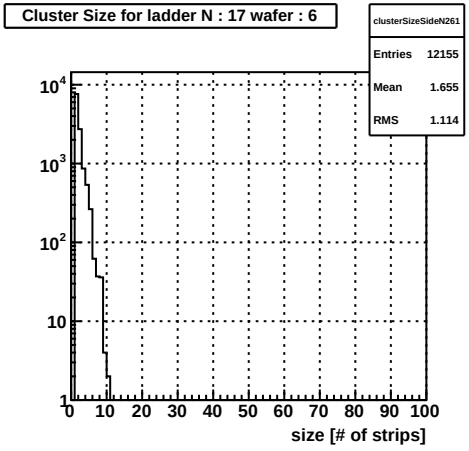

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 2
Mean 1
RMS 0
size [# of strips]

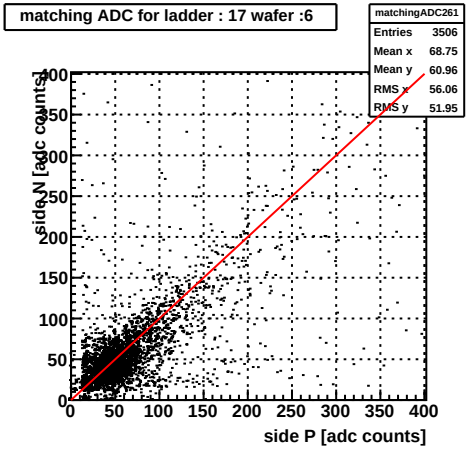

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

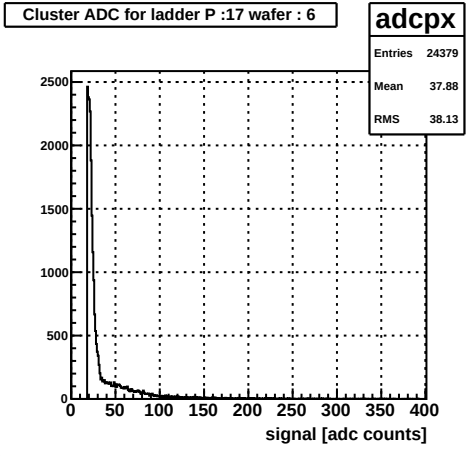

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 10176
Mean 80.59
RMS 62.18
signal [adc counts]

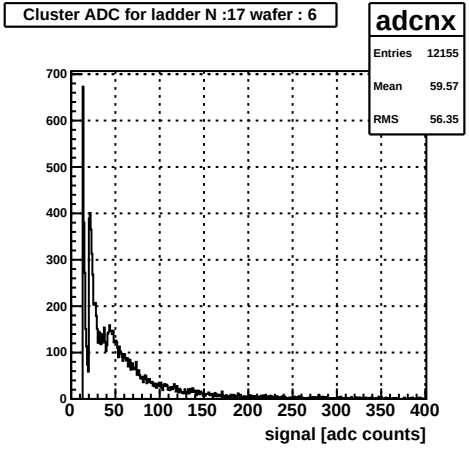

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

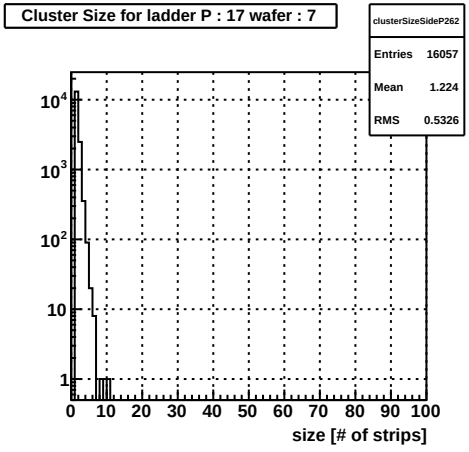

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 24379
Mean 1.121
RMS 0.3971
size [# of strips]

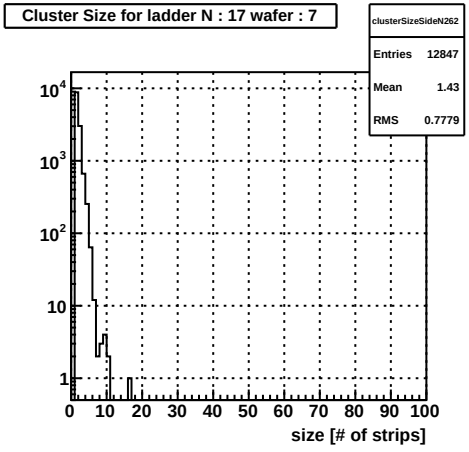

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 12155
Mean 1.655
RMS 1.114
size [# of strips]

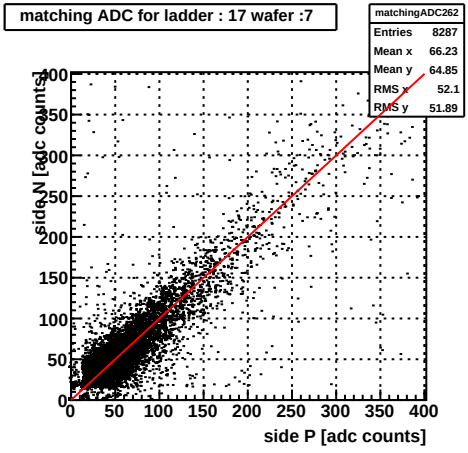

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 3506
Mean x 68.75
Mean y 60.96
RMS x 56.06
RMS y 51.95
side N [adc counts]
side P [adc counts]

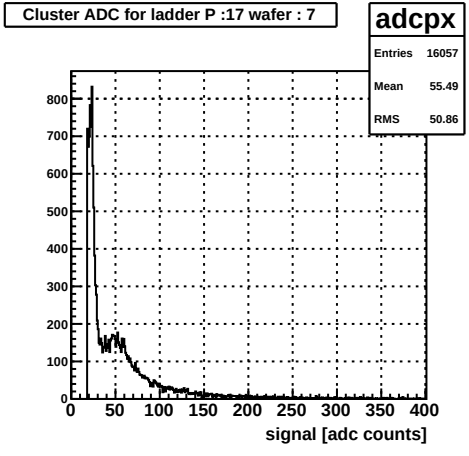

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 24379
Mean 37.88
RMS 38.13
signal [adc counts]

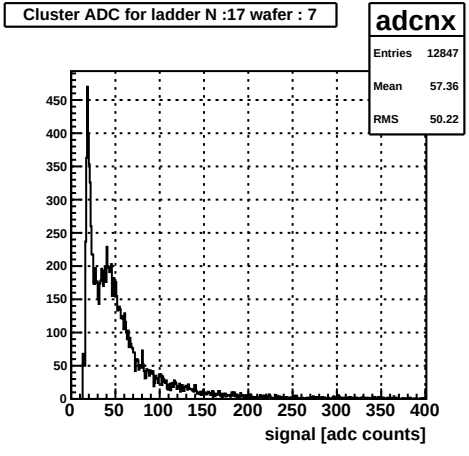

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 12155
Mean 59.57
RMS 56.35
signal [adc counts]

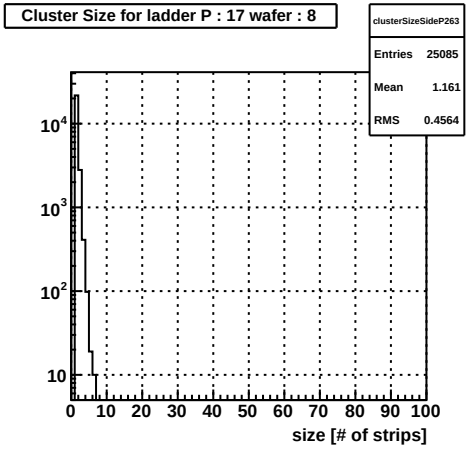

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 16057
Mean 1.224
RMS 0.5326
size [# of strips]

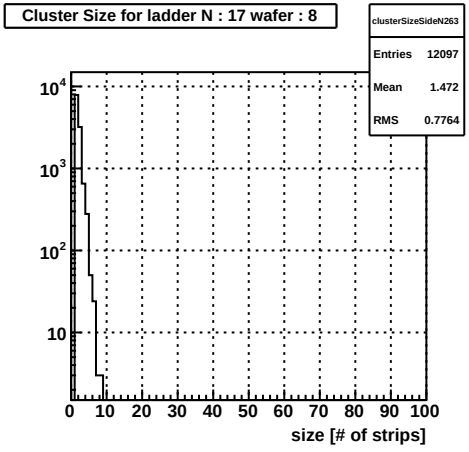

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 12847
Mean 1.43
RMS 0.7779
size [# of strips]

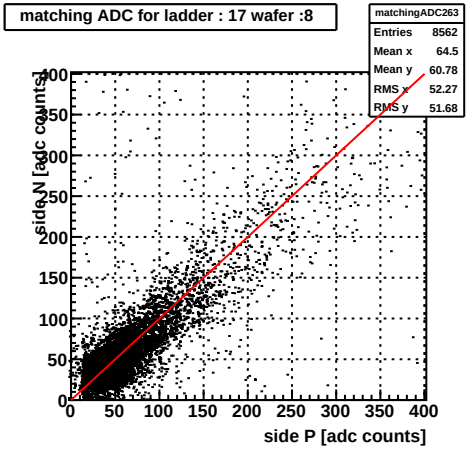

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 8287
Mean x 66.23
Mean y 64.85
RMS x 52.1
RMS y 51.89
side N [adc counts]
side P [adc counts]

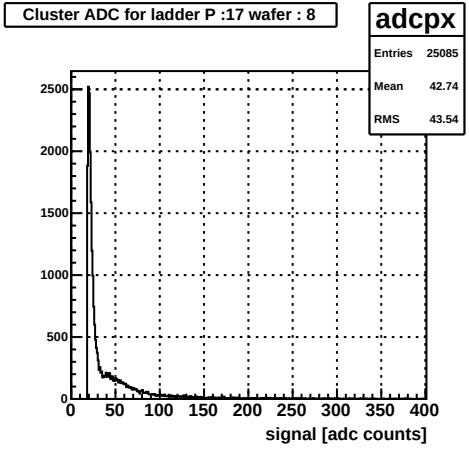

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 16057
Mean 55.49
RMS 50.86
signal [adc counts]

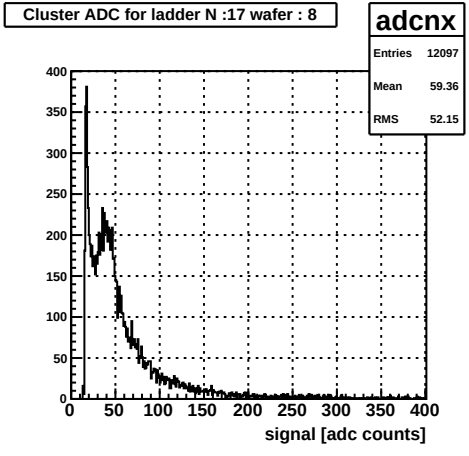

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 12847
Mean 57.36
RMS 50.22
signal [adc counts]

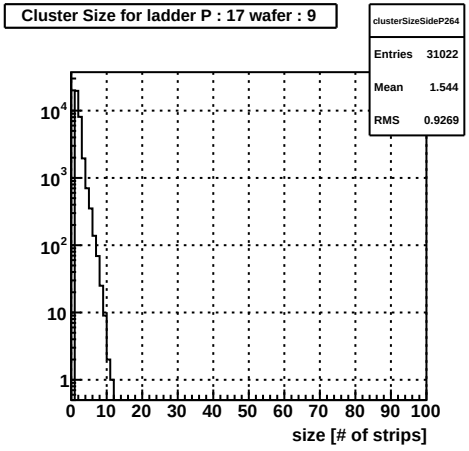

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 25085
Mean 1.161
RMS 0.4564
size [# of strips]

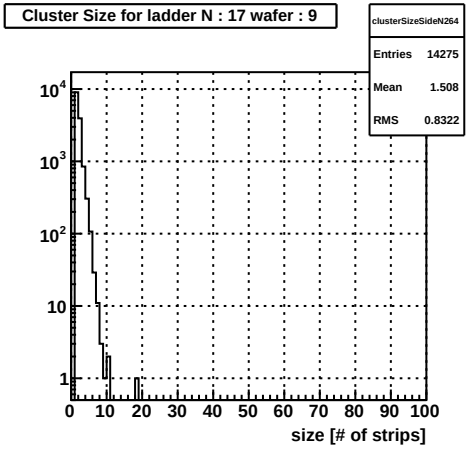

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 12097
Mean 1.472
RMS 0.7764
size [# of strips]

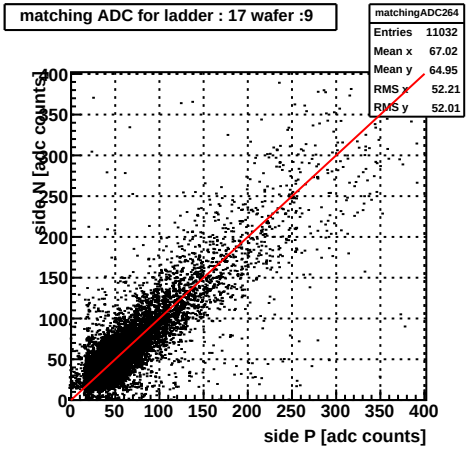

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 8562
Mean x 64.5
Mean y 60.78
RMS x 52.27
RMS y 51.68
side N [adc counts]
side P [adc counts]

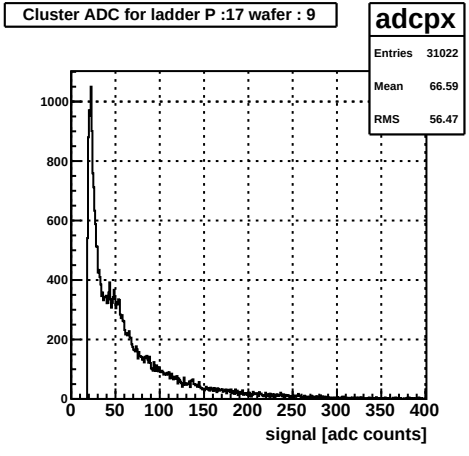

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 25085
Mean 42.74
RMS 43.54
signal [adc counts]

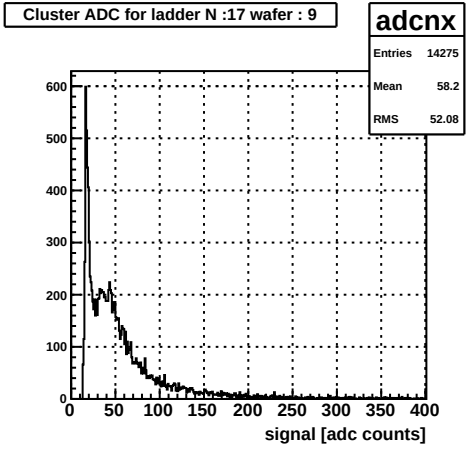

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 12097
Mean 59.36
RMS 52.15
signal [adc counts]

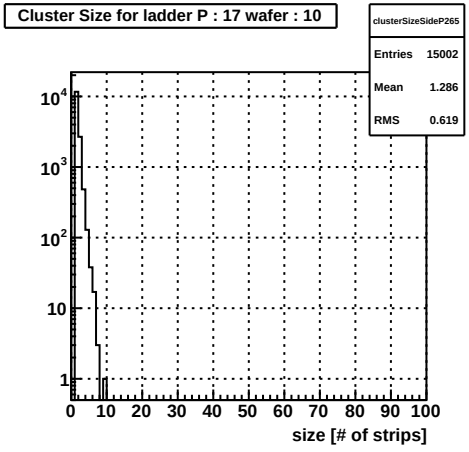

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 31022
Mean 1.544
RMS 0.9269
size [# of strips]

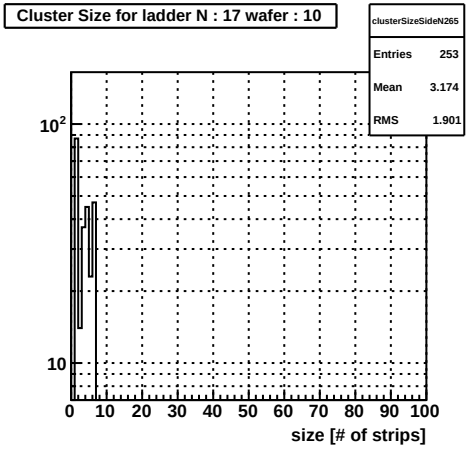

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 14275
Mean 1.508
RMS 0.8322
size [# of strips]

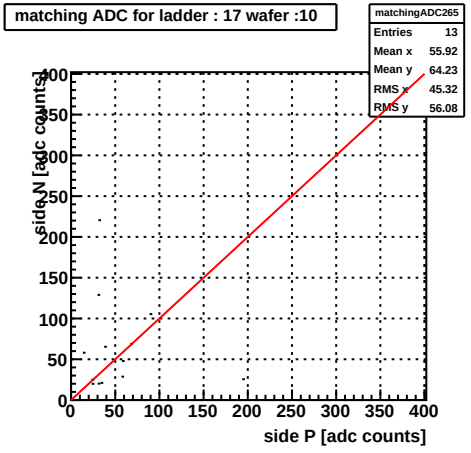

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 11032
Mean x 67.02
Mean y 64.95
RMS x 52.21
RMS y 52.01
side N [adc counts]
side P [adc counts]

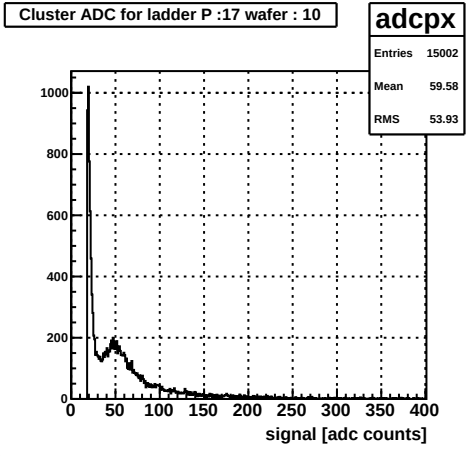

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 31022
Mean 66.59
RMS 56.47
signal [adc counts]

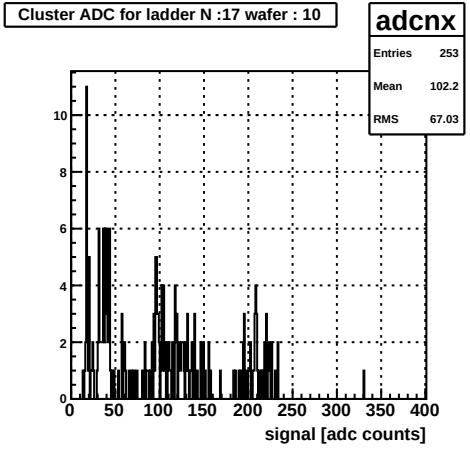

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 14275
Mean 58.2
RMS 52.08
signal [adc counts]

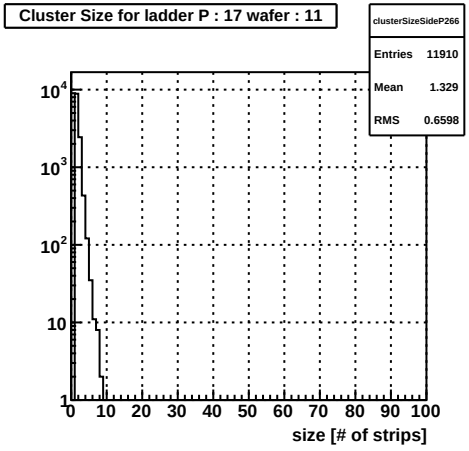

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 15002
Mean 1.286
RMS 0.619
size [# of strips]

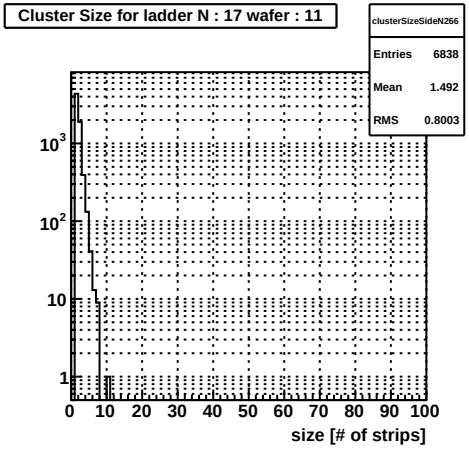

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 253
Mean 3.174
RMS 1.901
size [# of strips]

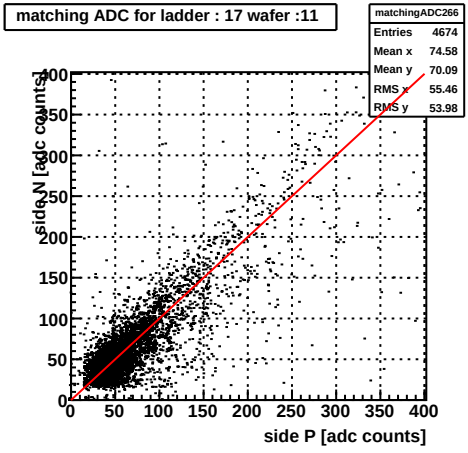

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 13
Mean x 55.92
Mean y 64.23
RMS x 45.32
RMS y 56.08
side N [adc counts]
side P [adc counts]

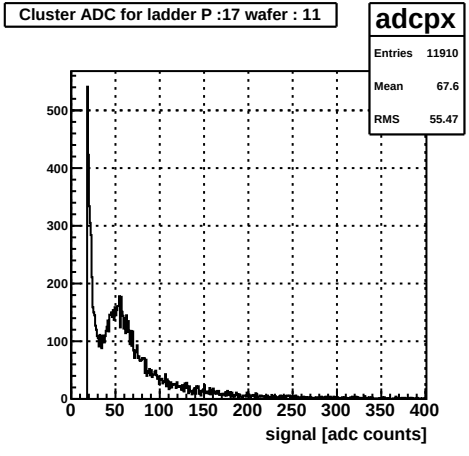

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 15002
Mean 59.58
RMS 53.93
signal [adc counts]

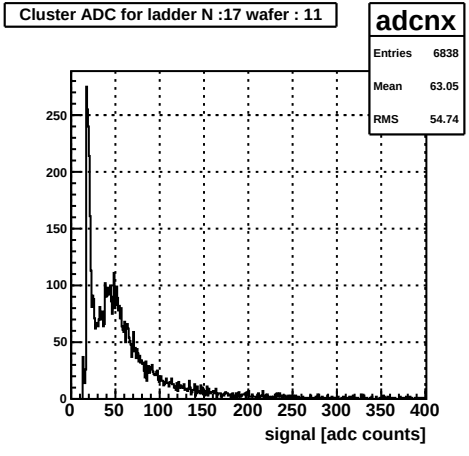

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 253
Mean 102.2
RMS 67.03
signal [adc counts]

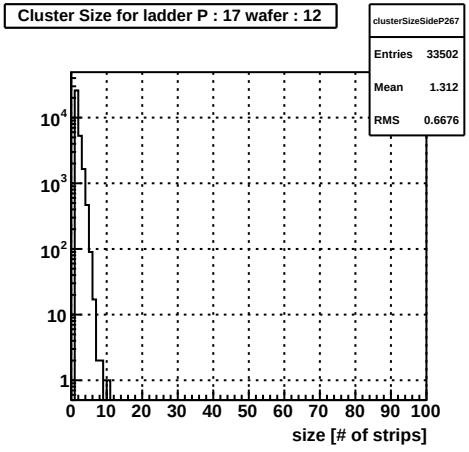

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 11910
Mean 1.329
RMS 0.6598
size [# of strips]

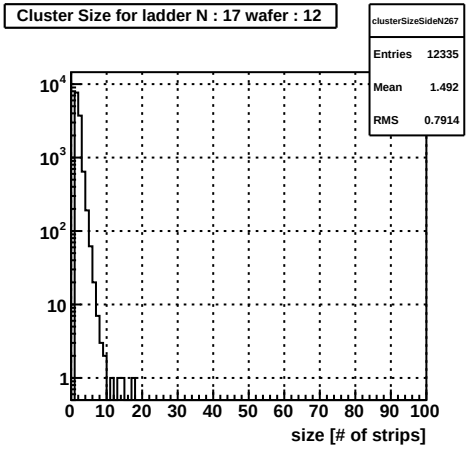

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 6838
Mean 1.492
RMS 0.8003
size [# of strips]

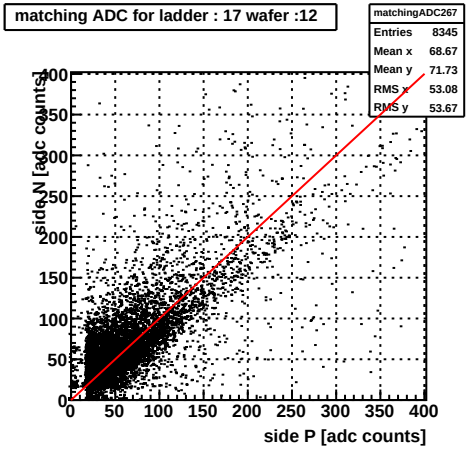

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 4674
Mean x 74.58
Mean y 70.09
RMS x 55.46
RMS y 53.98
side N [adc counts]
side P [adc counts]

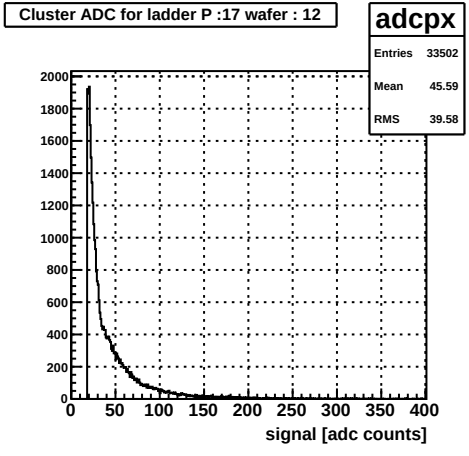

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 11910
Mean 67.6
RMS 55.47
signal [adc counts]

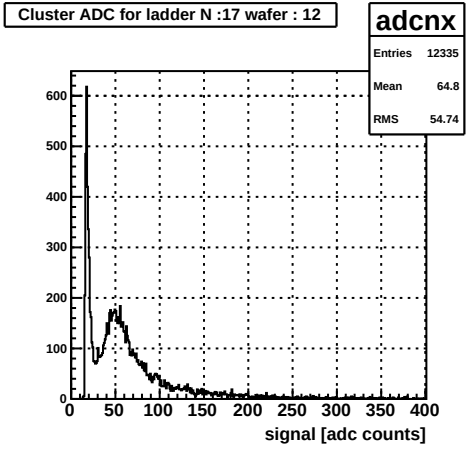

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 6838
Mean 63.05
RMS 54.74
signal [adc counts]

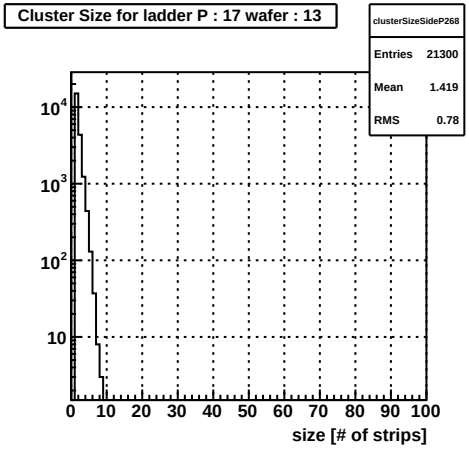

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 33502
Mean 1.312
RMS 0.6676
size [# of strips]

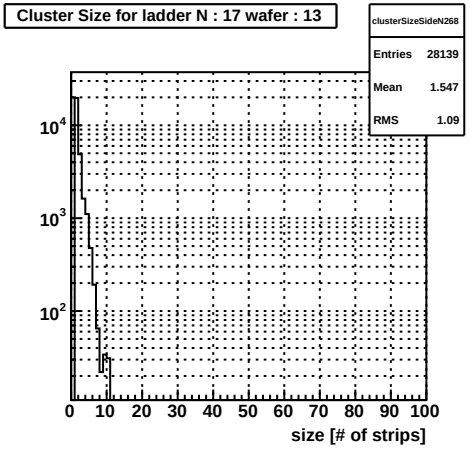

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 12335
Mean 1.492
RMS 0.7914
size [# of strips]

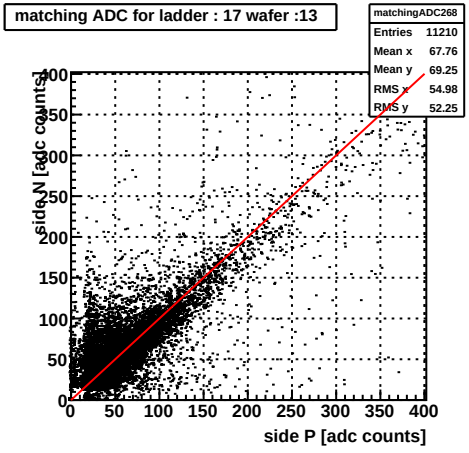

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 8345
Mean x 68.67
Mean y 71.73
RMS x 53.08
RMS y 53.67
side N [adc counts]
side P [adc counts]

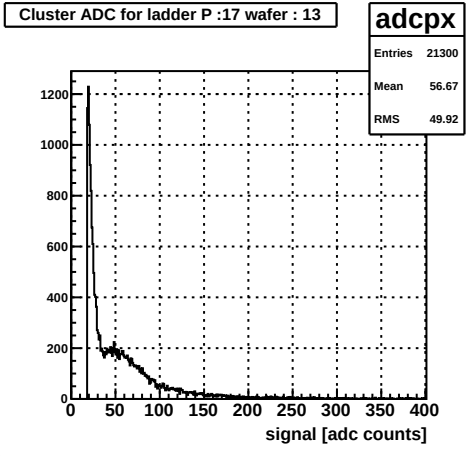

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 33502
Mean 45.59
RMS 39.58
signal [adc counts]

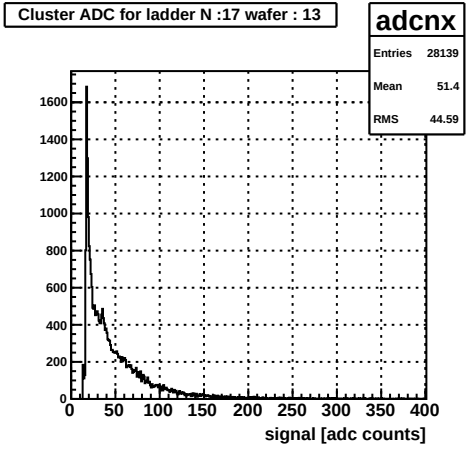

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 12335
Mean 64.8
RMS 54.74
signal [adc counts]

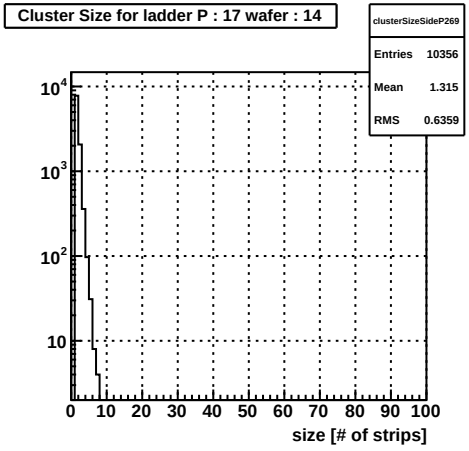

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 21300
Mean 1.419
RMS 0.78
size [# of strips]

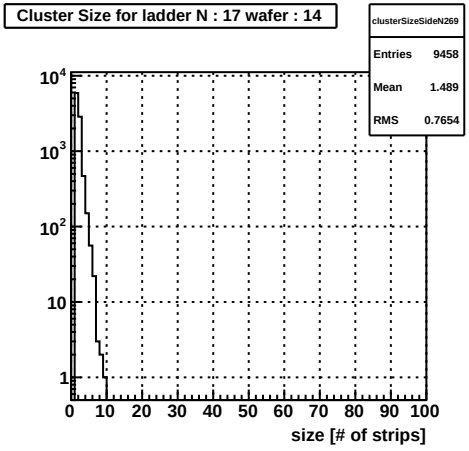

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 28139
Mean 1.547
RMS 1.09
size [# of strips]

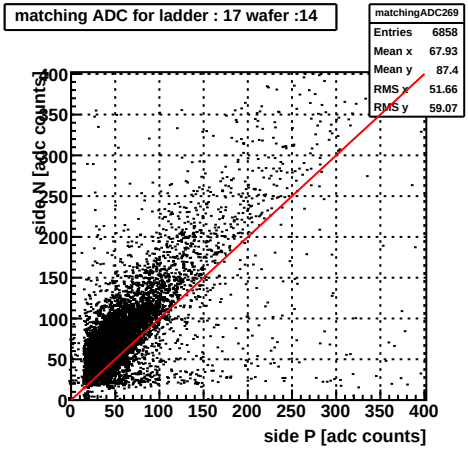

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 11210
Mean x 67.76
Mean y 69.25
RMS x 54.98
RMS y 52.25
side N [adc counts]
side P [adc counts]

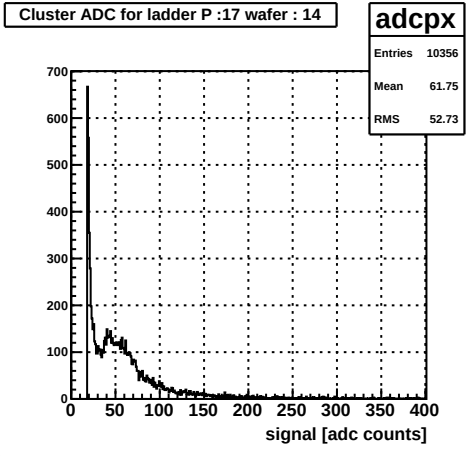

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 21300
Mean 56.67
RMS 49.92
signal [adc counts]

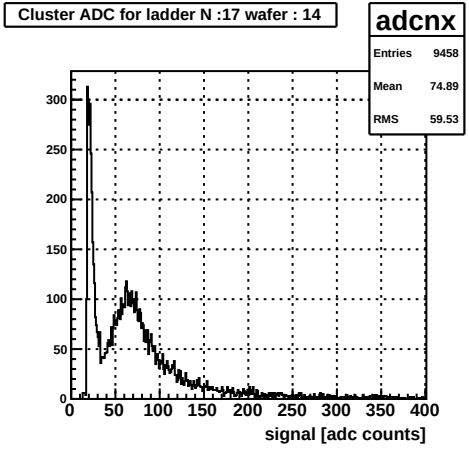

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 28139
Mean 51.4
RMS 44.59
signal [adc counts]

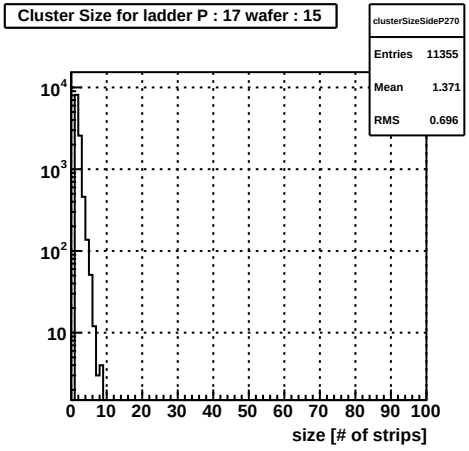

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 10356
Mean 1.315
RMS 0.6359
size [# of strips]

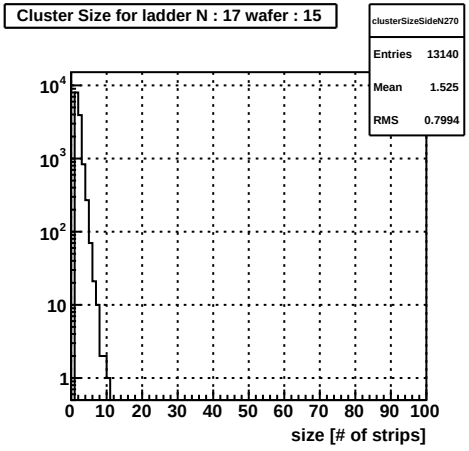

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 9458
Mean 1.489
RMS 0.7654
size [# of strips]

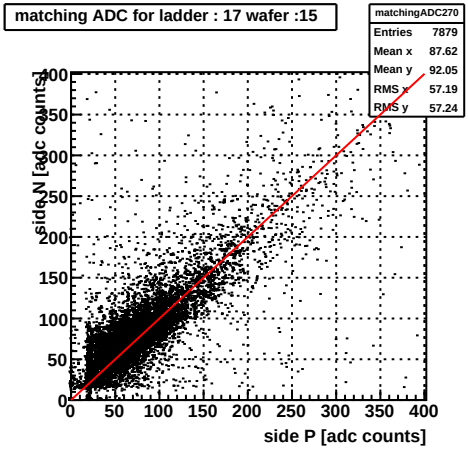

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 6858
Mean x 67.93
Mean y 87.4
RMS x 51.66
RMS y 59.07
side N [adc counts]
side P [adc counts]

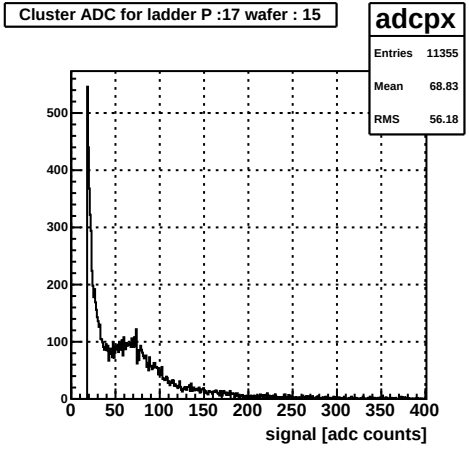

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 10356
Mean 61.75
RMS 52.73
signal [adc counts]

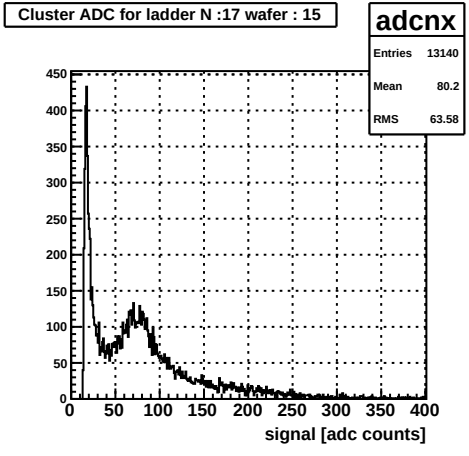

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 9458
Mean 74.89
RMS 59.53
signal [adc counts]

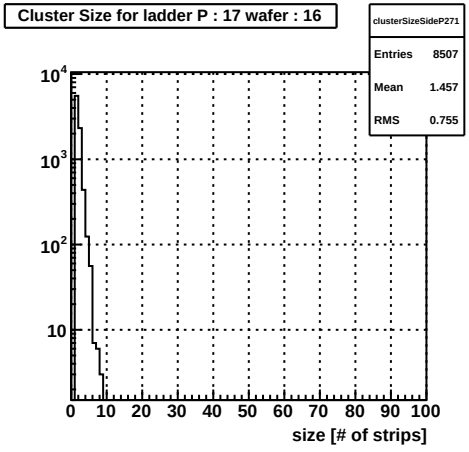

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 11355
Mean 1.371
RMS 0.696
size [# of strips]

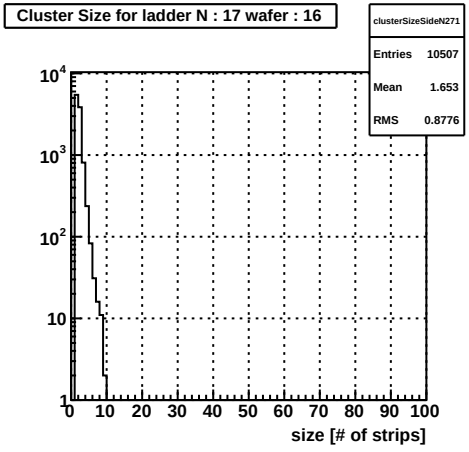

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 13140
Mean 1.525
RMS 0.7994
size [# of strips]

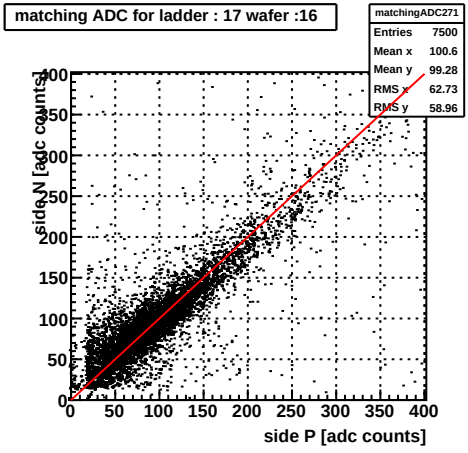

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 7879
Mean x 87.62
Mean y 92.05
RMS x 57.19
RMS y 57.24
side N [adc counts]
side P [adc counts]

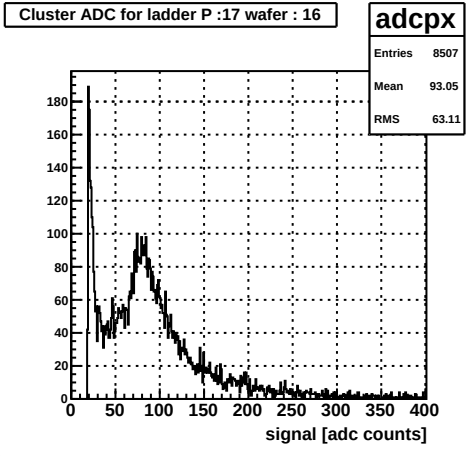

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 11355
Mean 68.83
RMS 56.18
signal [adc counts]

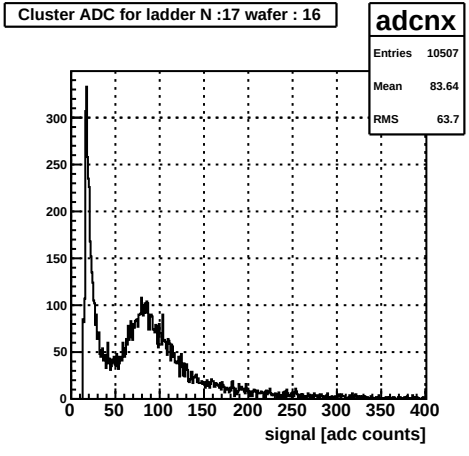

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 13140
Mean 80.2
RMS 63.58
signal [adc counts]

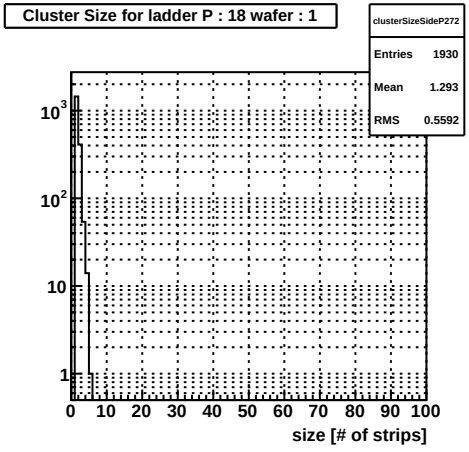

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 8507
Mean 1.457
RMS 0.755
size [# of strips]

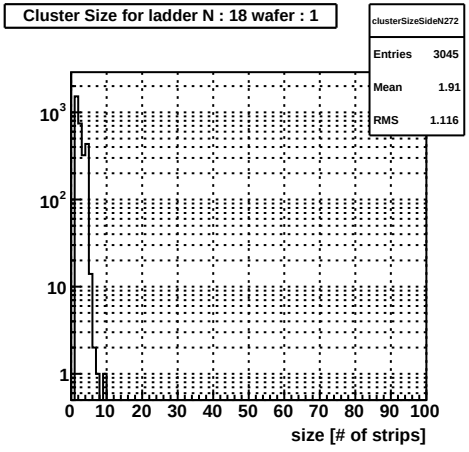

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 10507
Mean 1.653
RMS 0.8776
size [# of strips]

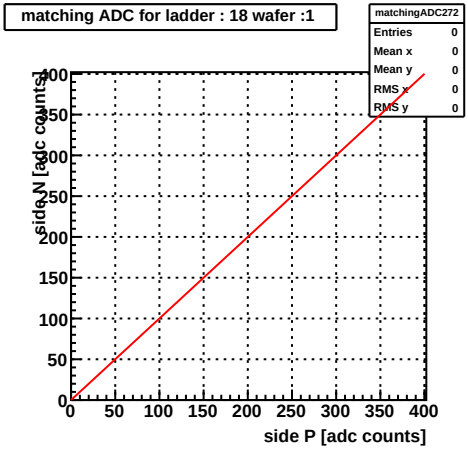

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 7500
Mean x 100.6
Mean y 99.28
RMS x 62.73
RMS y 58.96
side N [adc counts]
side P [adc counts]

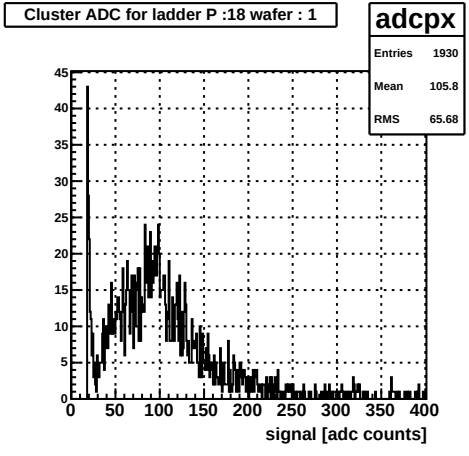

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 8507
Mean 93.05
RMS 63.11
signal [adc counts]

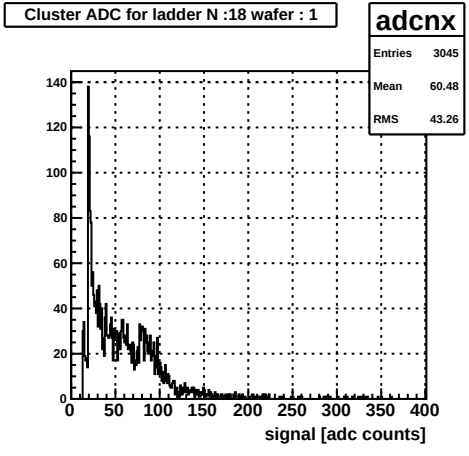

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 10507
Mean 83.64
RMS 63.7
signal [adc counts]

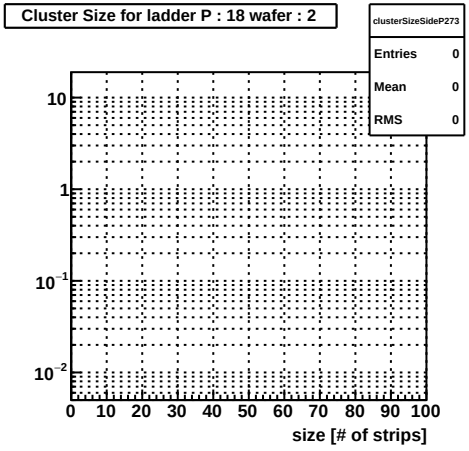

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 1930
Mean 1.293
RMS 0.5592
size [# of strips]

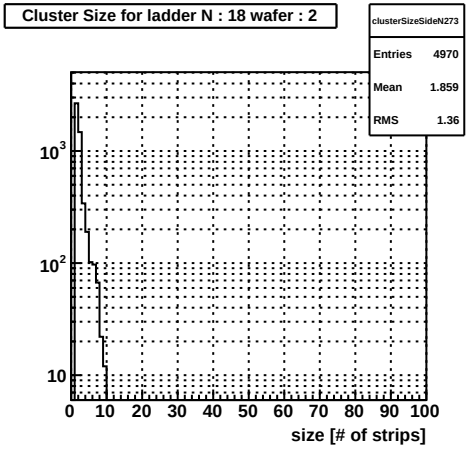

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3045
Mean 1.91
RMS 1.116
size [# of strips]

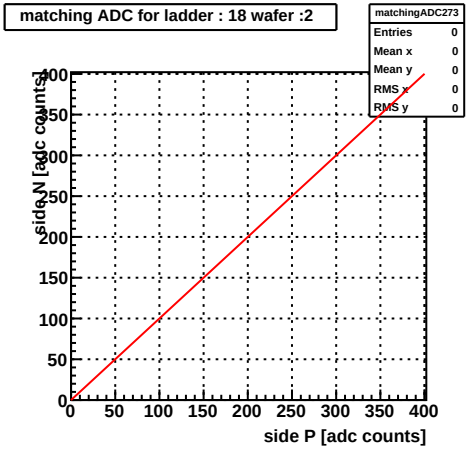

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

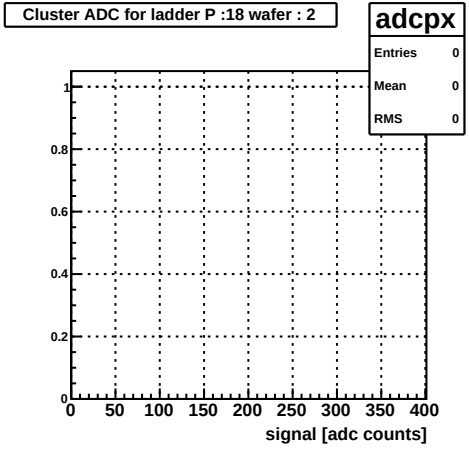

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 1930
Mean 105.8
RMS 65.68
signal [adc counts]

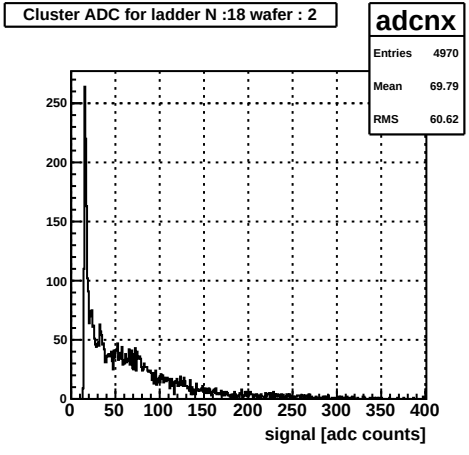

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3045
Mean 60.48
RMS 43.26
signal [adc counts]

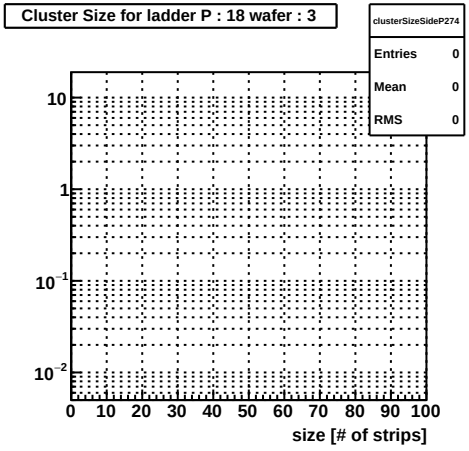

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

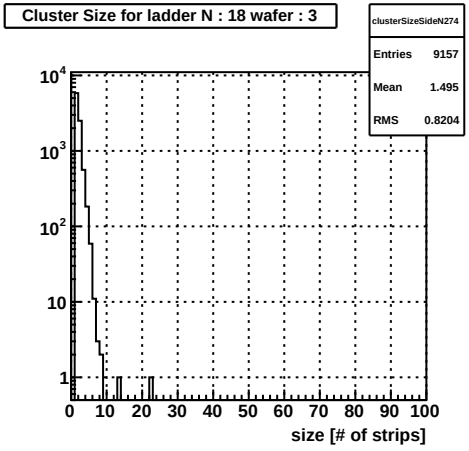

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 4970
Mean 1.859
RMS 1.36
size [# of strips]

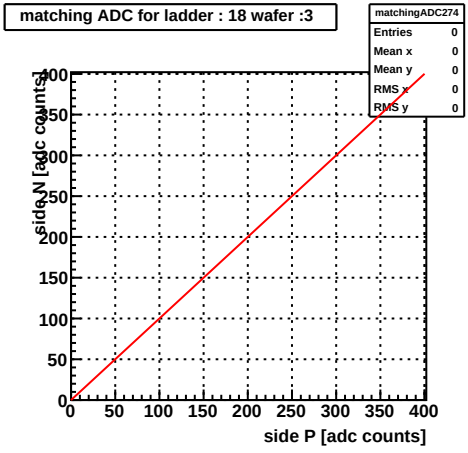

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

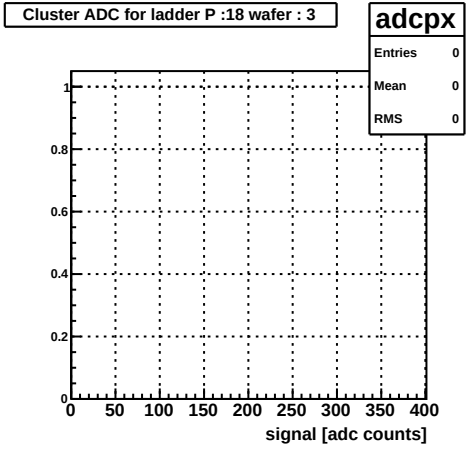

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

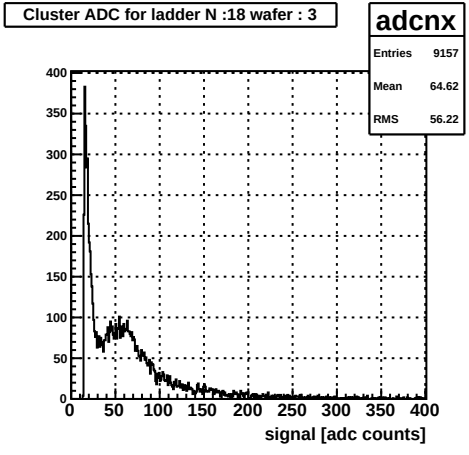

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 4970
Mean 69.79
RMS 60.62
signal [adc counts]

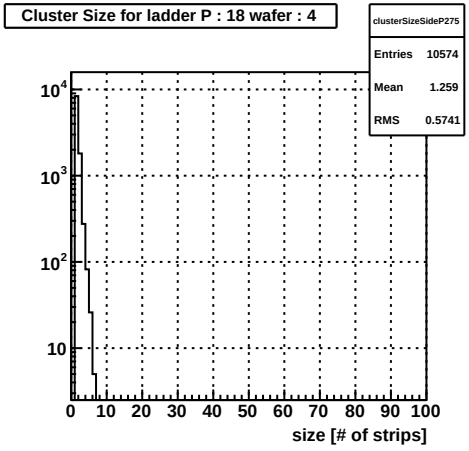

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

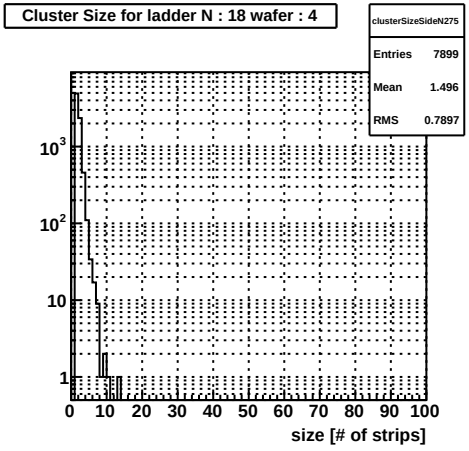

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 9157
Mean 1.495
RMS 0.8204
size [# of strips]

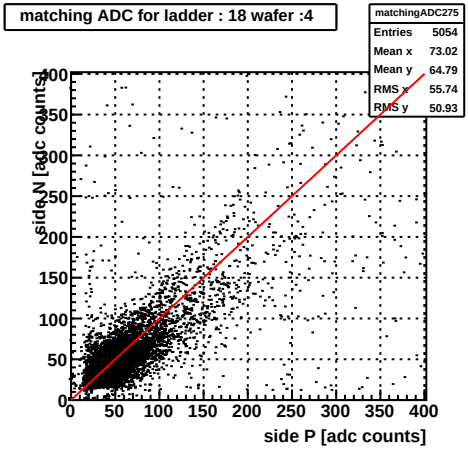

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

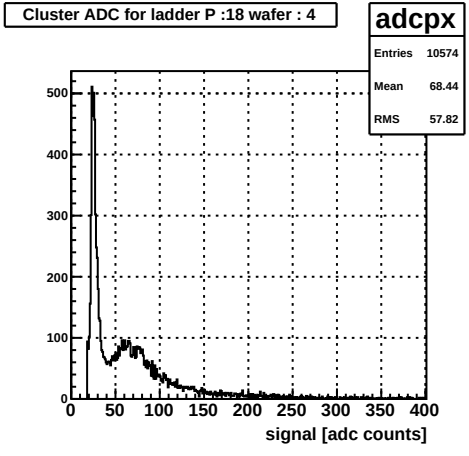

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

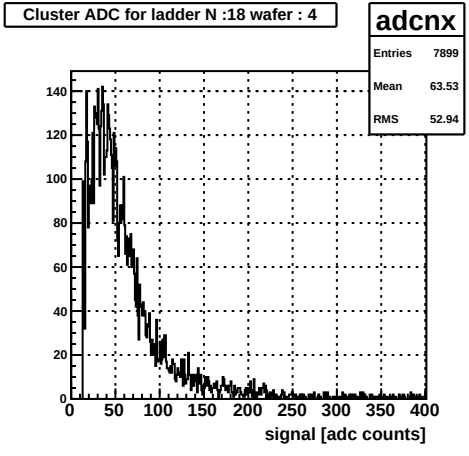

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 9157
Mean 64.62
RMS 56.22
signal [adc counts]

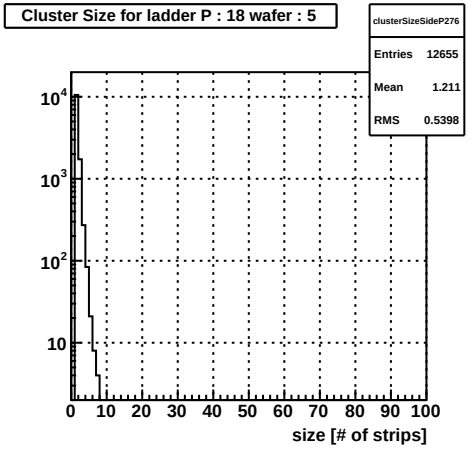

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 10574
Mean 1.259
RMS 0.5741
size [# of strips]

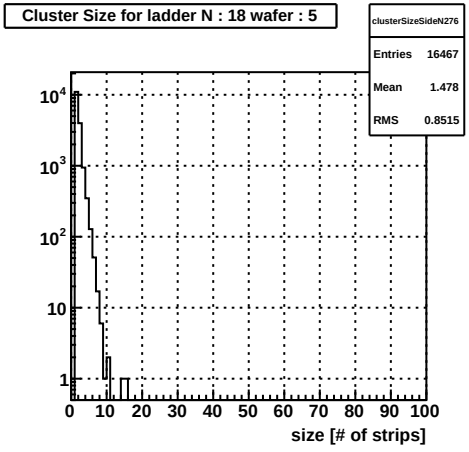

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 7899
Mean 1.496
RMS 0.7897
size [# of strips]

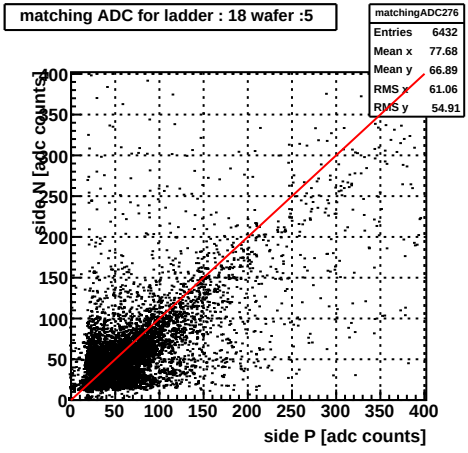

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 5054
Mean x 73.02
Mean y 64.79
RMS x 55.74
RMS y 50.93
side N [adc counts]
side P [adc counts]

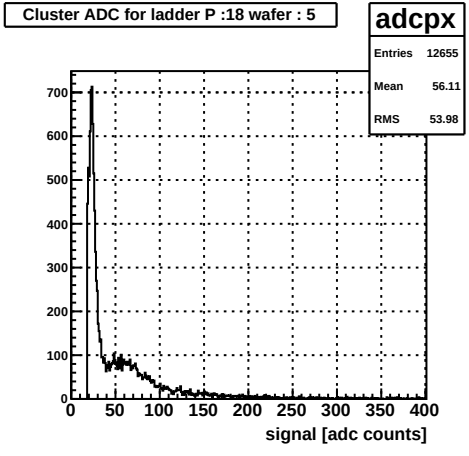

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 10574
Mean 68.44
RMS 57.82
signal [adc counts]

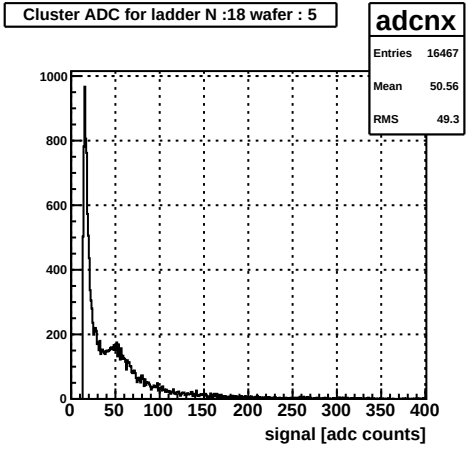

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 7899
Mean 63.53
RMS 52.94
signal [adc counts]

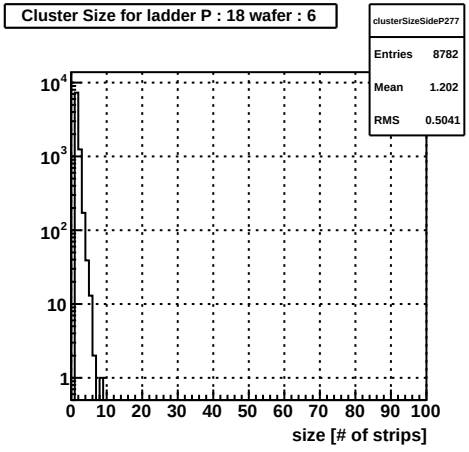

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 12655
Mean 1.211
RMS 0.5398
size [# of strips]

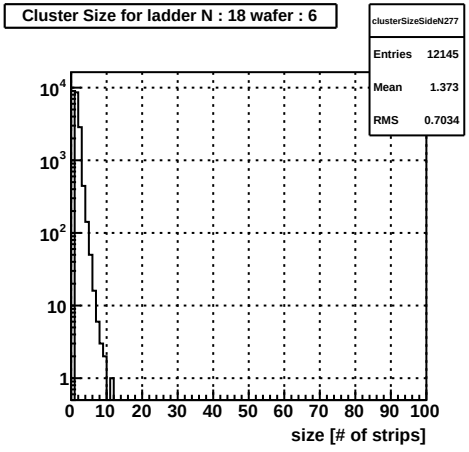

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 16467
Mean 1.478
RMS 0.8515
size [# of strips]

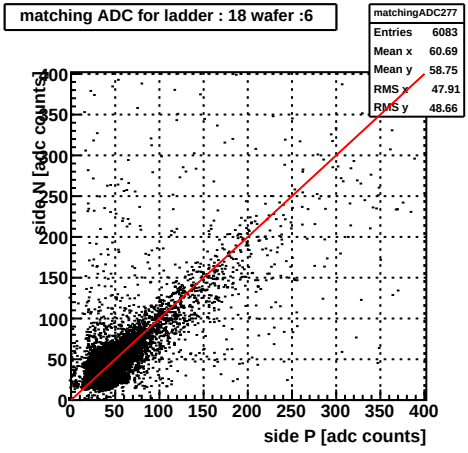

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6432
Mean x 77.68
Mean y 66.89
RMS x 61.06
RMS y 54.91
side N [adc counts]
side P [adc counts]

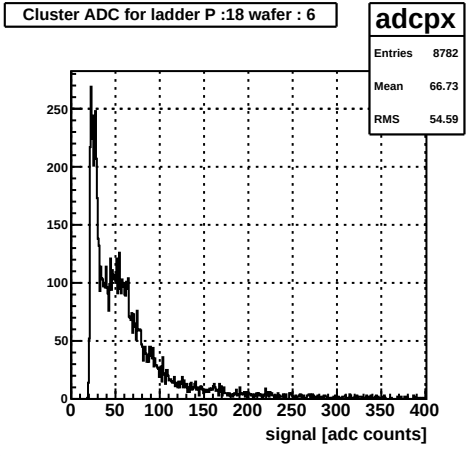

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 12655
Mean 56.11
RMS 53.98
signal [adc counts]

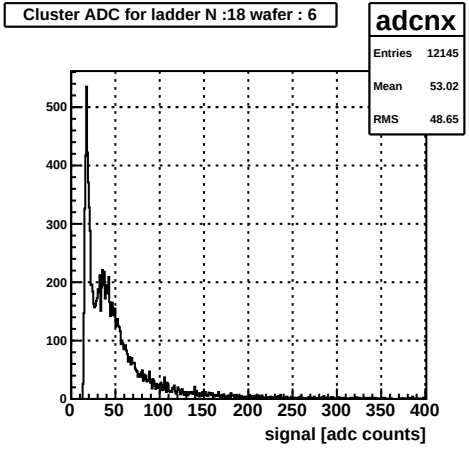

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 16467
Mean 50.56
RMS 49.3
signal [adc counts]

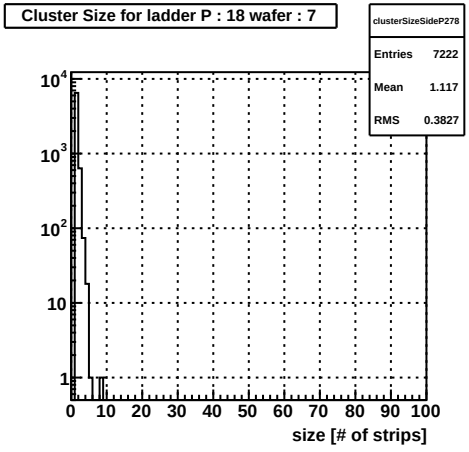

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 8782
Mean 1.202
RMS 0.5041
size [# of strips]

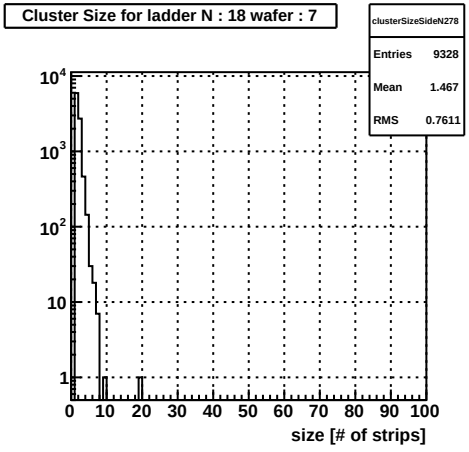

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 12145
Mean 1.373
RMS 0.7034
size [# of strips]

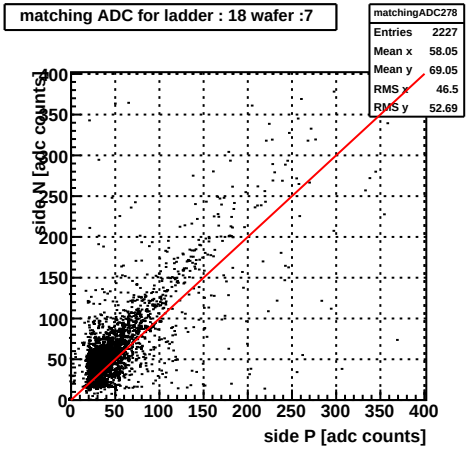

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 6083
Mean x 60.69
Mean y 58.75
RMS x 47.91
RMS y 48.66
side N [adc counts]
side P [adc counts]

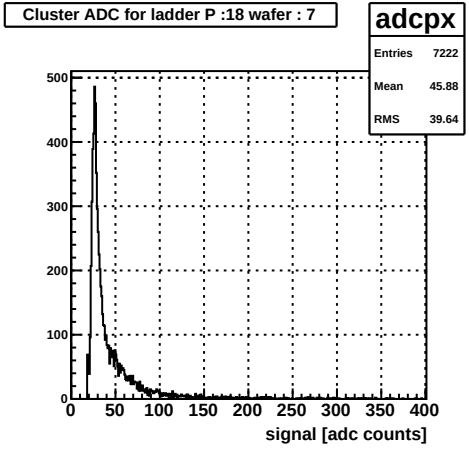

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 8782
Mean 66.73
RMS 54.59
signal [adc counts]

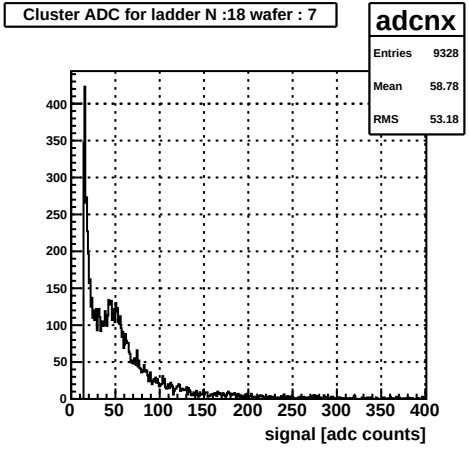

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 12145
Mean 53.02
RMS 48.65
signal [adc counts]

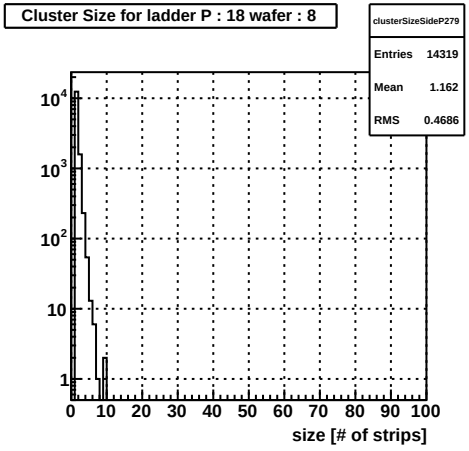

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7222
Mean 1.117
RMS 0.3827
size [# of strips]

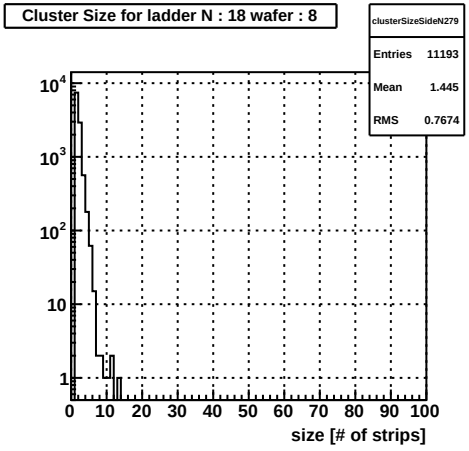

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 9328
Mean 1.467
RMS 0.7611
size [# of strips]

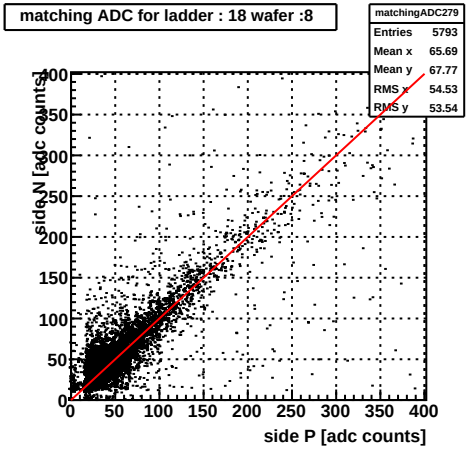

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 2227
Mean x 58.05
Mean y 69.05
RMS x 46.5
RMS y 52.69
side N [adc counts]
side P [adc counts]

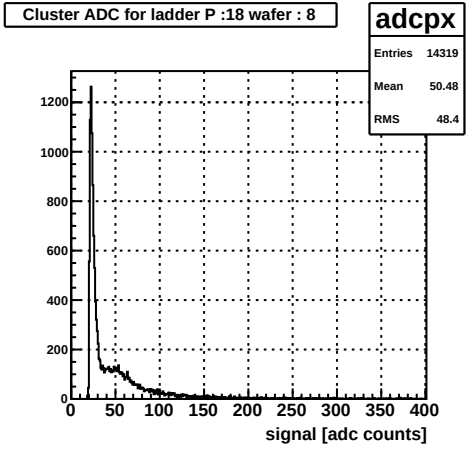

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7222
Mean 45.88
RMS 39.64
signal [adc counts]

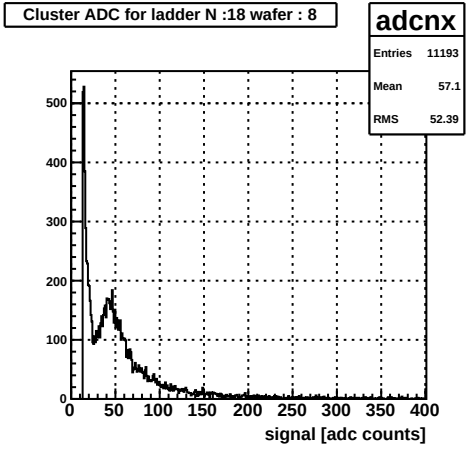

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 9328
Mean 58.78
RMS 53.18
signal [adc counts]

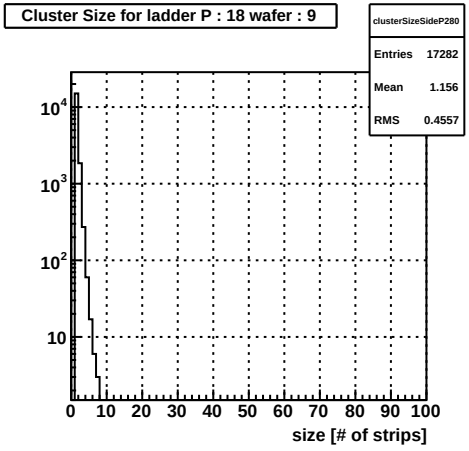

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 14319
Mean 1.162
RMS 0.4686
size [# of strips]

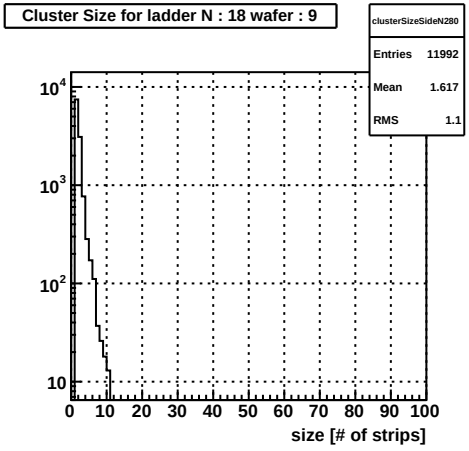

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 11193
Mean 1.445
RMS 0.7674
size [# of strips]

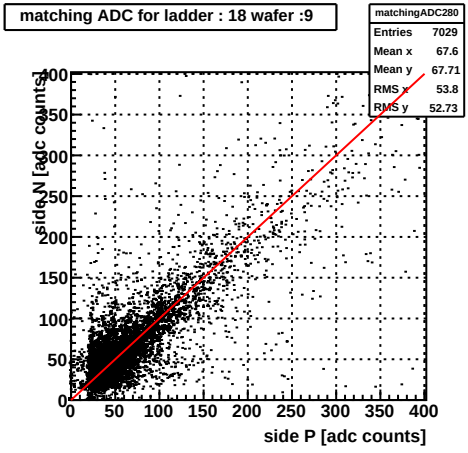

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 5793
Mean x 65.69
Mean y 67.77
RMS x 54.53
RMS y 53.54
side N [adc counts]
side P [adc counts]

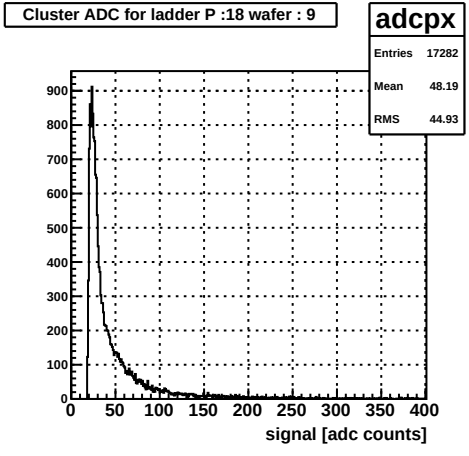

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 14319
Mean 50.48
RMS 48.4
signal [adc counts]

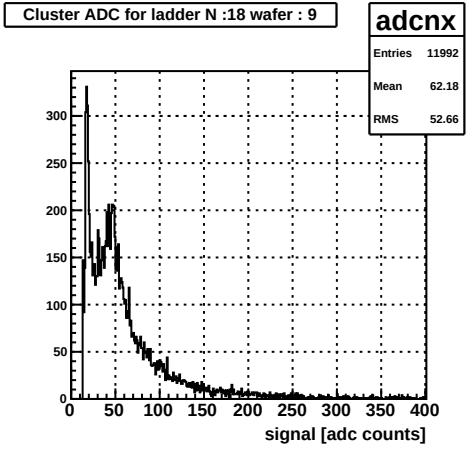

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 11193
Mean 57.1
RMS 52.39
signal [adc counts]

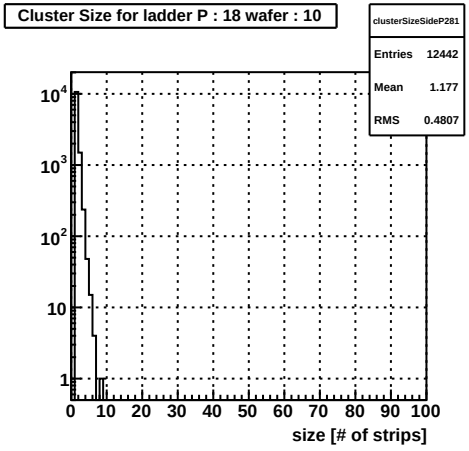

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 17282
Mean 1.156
RMS 0.4557
size [# of strips]

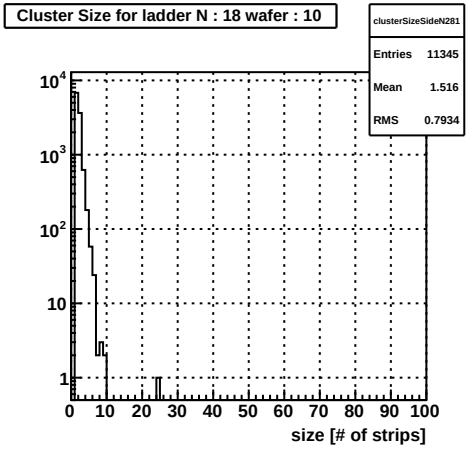

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 11992
Mean 1.617
RMS 1.1
size [# of strips]

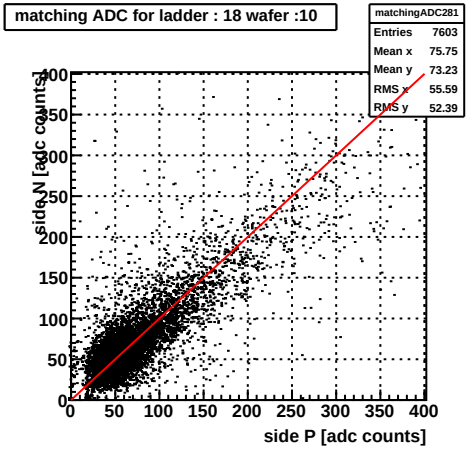

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 7029
Mean x 67.6
Mean y 67.71
RMS x 53.8
RMS y 52.73
side N [adc counts]
side P [adc counts]

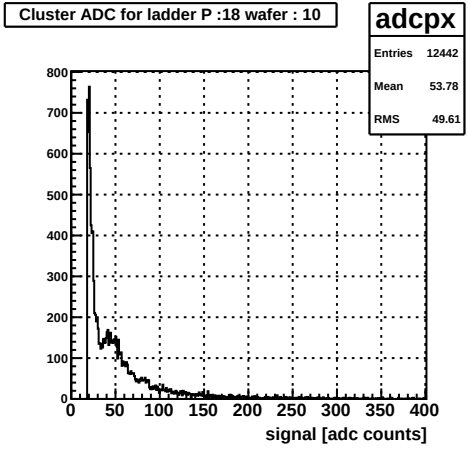

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 17282
Mean 48.19
RMS 44.93
signal [adc counts]

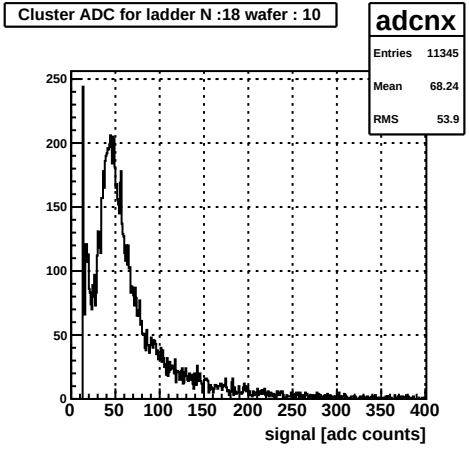

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 11992
Mean 62.18
RMS 52.66
signal [adc counts]

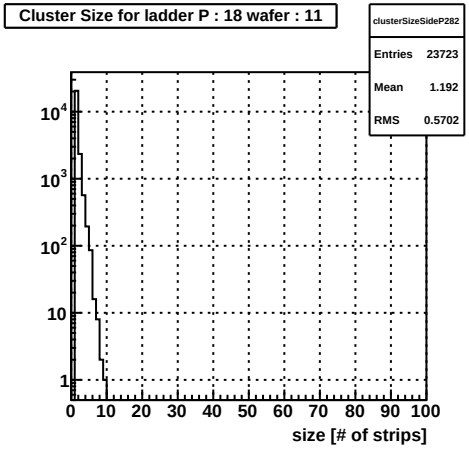

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 12442
Mean 1.177
RMS 0.4807
size [# of strips]

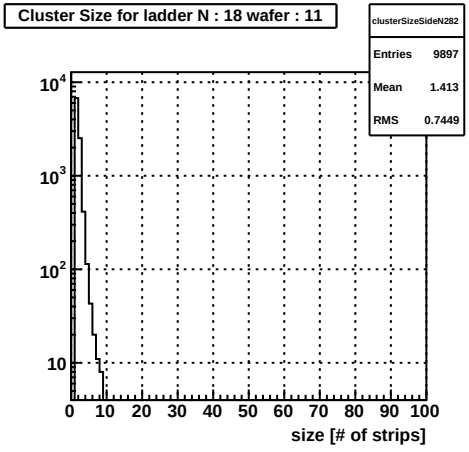

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 11345
Mean 1.516
RMS 0.7934
size [# of strips]

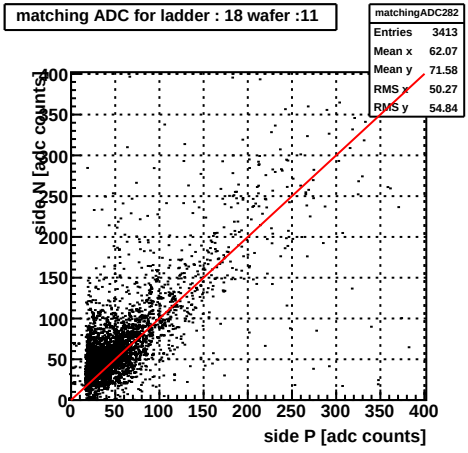

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 7603
Mean x 75.75
Mean y 73.23
RMS x 55.59
RMS y 52.39
side N [adc counts]
side P [adc counts]

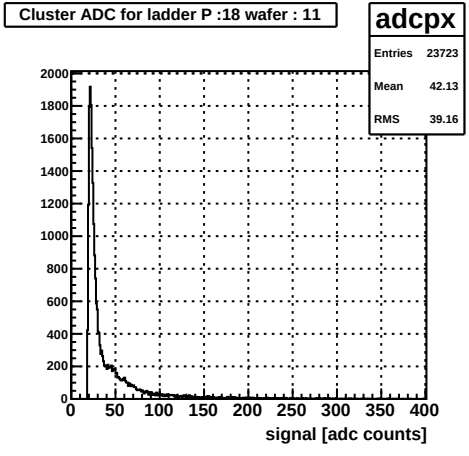

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 12442
Mean 53.78
RMS 49.61
signal [adc counts]

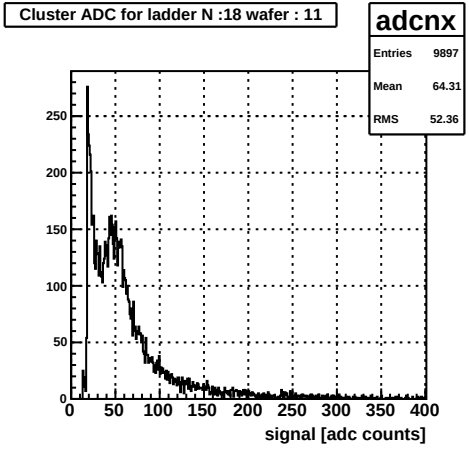

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 11345
Mean 68.24
RMS 53.9
signal [adc counts]

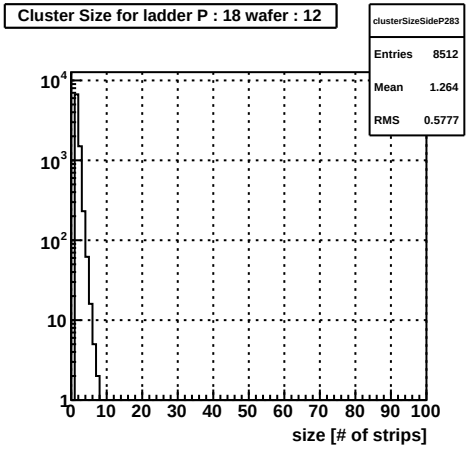

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 23723
Mean 1.192
RMS 0.5702
size [# of strips]

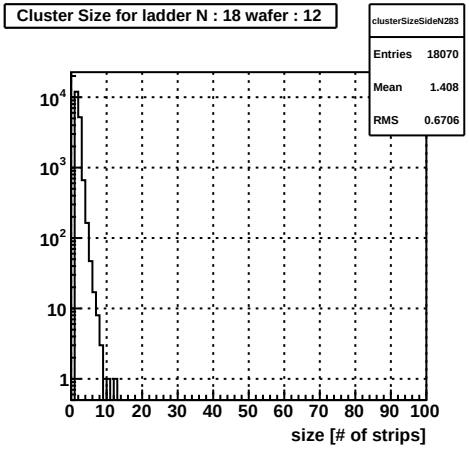

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9897
Mean 1.413
RMS 0.7449
size [# of strips]

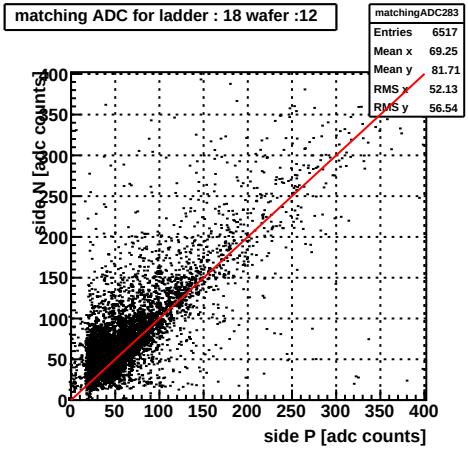

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 3413
Mean x 62.07
Mean y 71.58
RMS x 50.27
RMS y 54.84
side N [adc counts]
side P [adc counts]

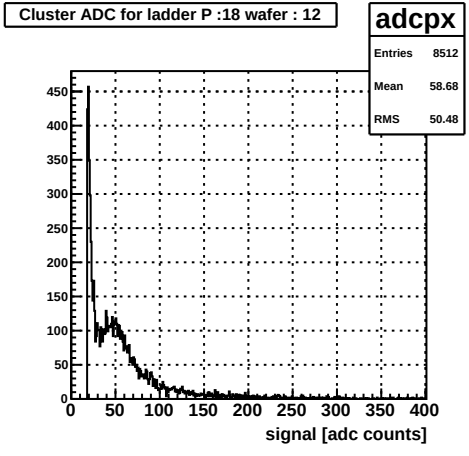

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 23723
Mean 42.13
RMS 39.16
signal [adc counts]

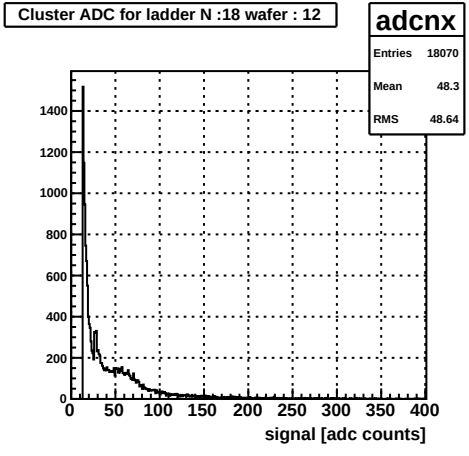

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9897
Mean 64.31
RMS 52.36
signal [adc counts]

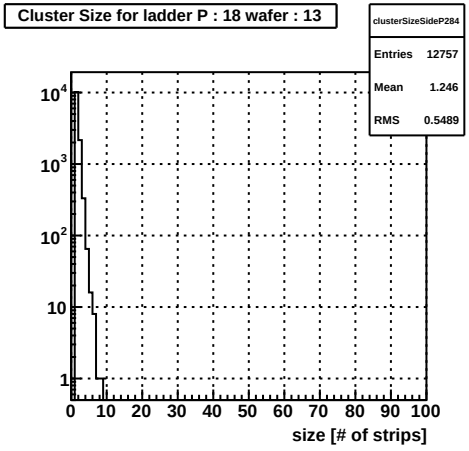

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 8512
Mean 1.264
RMS 0.5777
size [# of strips]

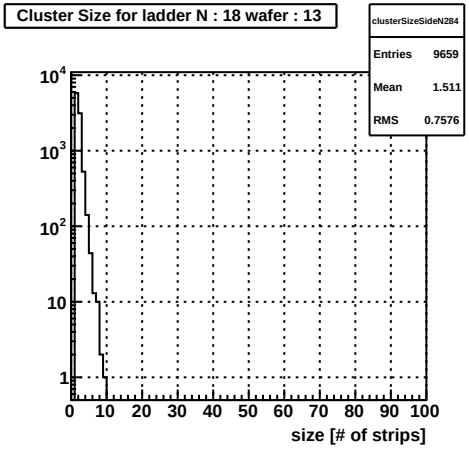

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 18070
Mean 1.408
RMS 0.6706
size [# of strips]

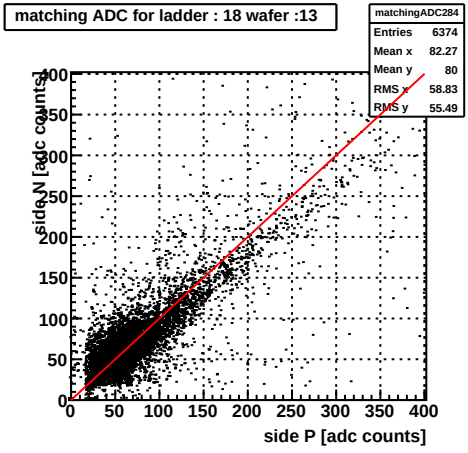

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 6517
Mean x 69.25
Mean y 81.71
RMS x 52.13
RMS y 56.54
side N [adc counts]
side P [adc counts]

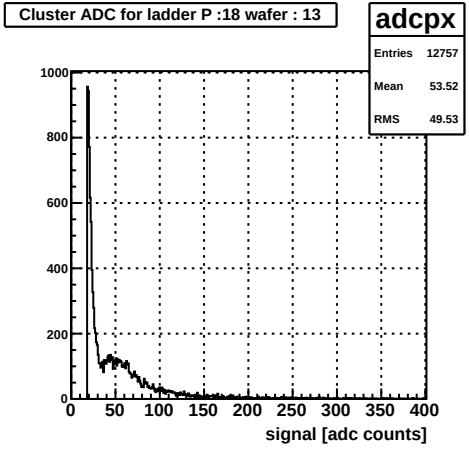

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 8512
Mean 58.68
RMS 50.48
signal [adc counts]

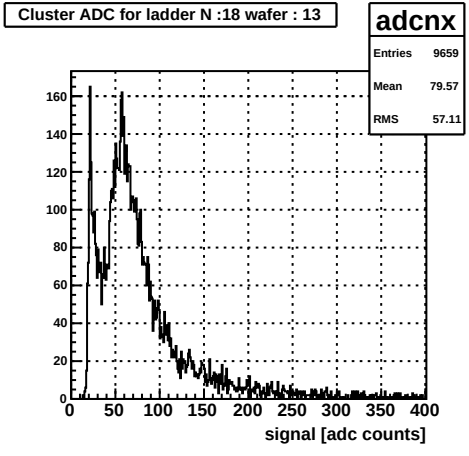

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 18070
Mean 48.3
RMS 48.64
signal [adc counts]

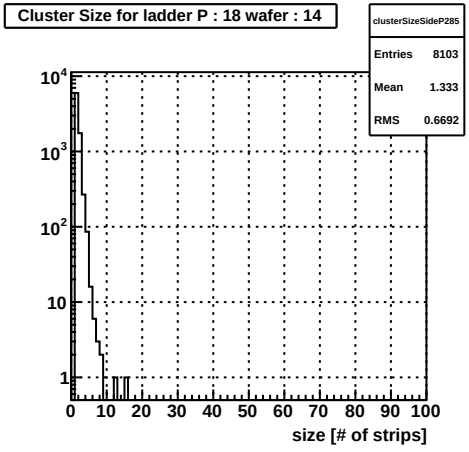

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 12757
Mean 1.246
RMS 0.5489
size [# of strips]

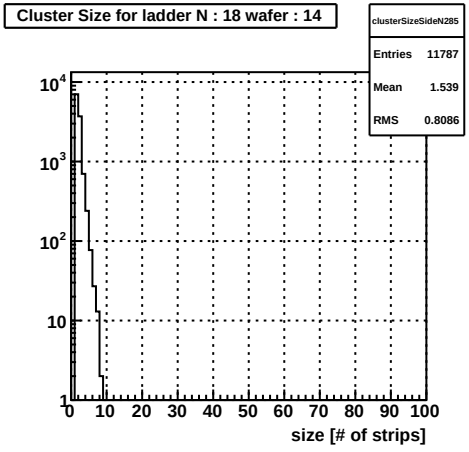

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 9659
Mean 1.511
RMS 0.7576
size [# of strips]

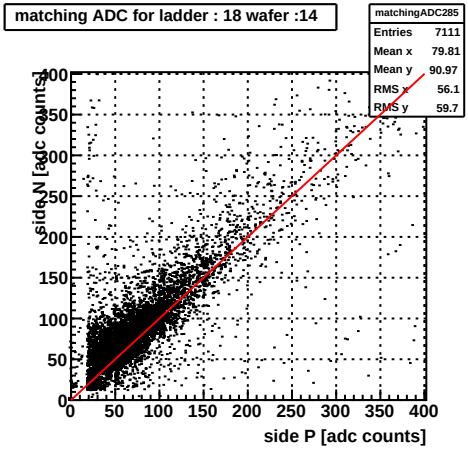

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 6374
Mean x 82.27
Mean y 80
RMS x 58.83
RMS y 55.49
side N [adc counts]
side P [adc counts]

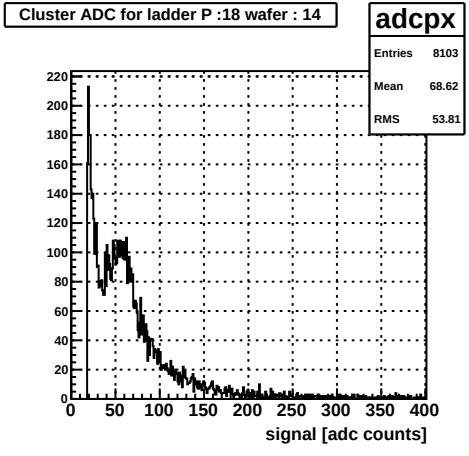

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 12757
Mean 53.52
RMS 49.53
signal [adc counts]

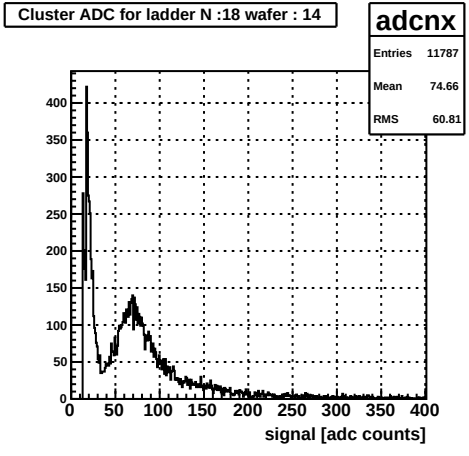

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 9659
Mean 79.57
RMS 57.11
signal [adc counts]

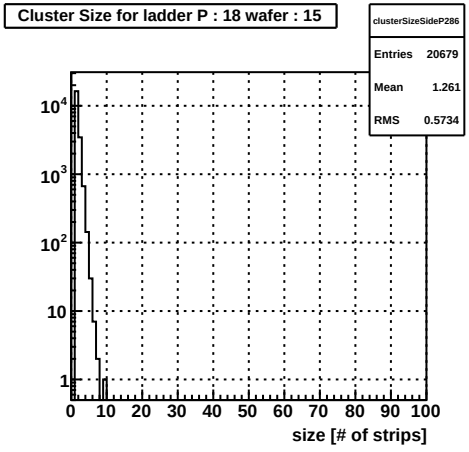

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 8103
Mean 1.333
RMS 0.6692
size [# of strips]

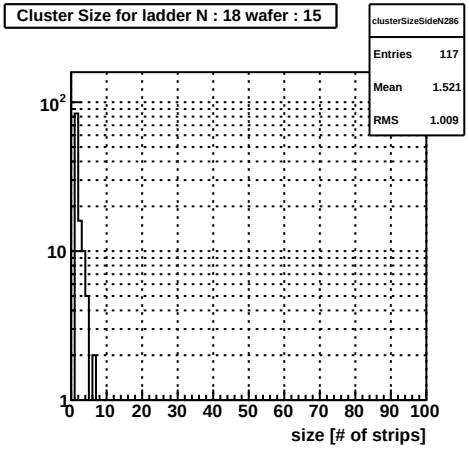

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 11787
Mean 1.539
RMS 0.8086
size [# of strips]

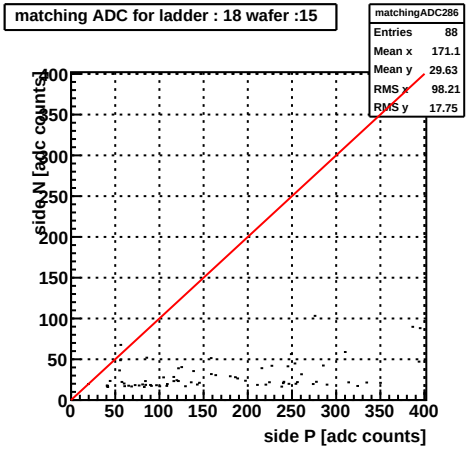

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 7111
Mean x 79.81
Mean y 90.97
RMS x 56.1
RMS y 59.7
side N [adc counts]
side P [adc counts]

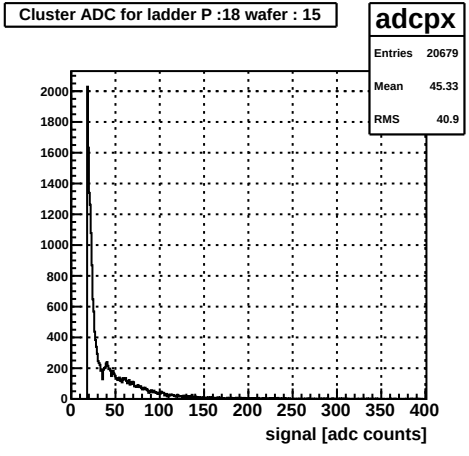

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 8103
Mean 68.62
RMS 53.81
signal [adc counts]

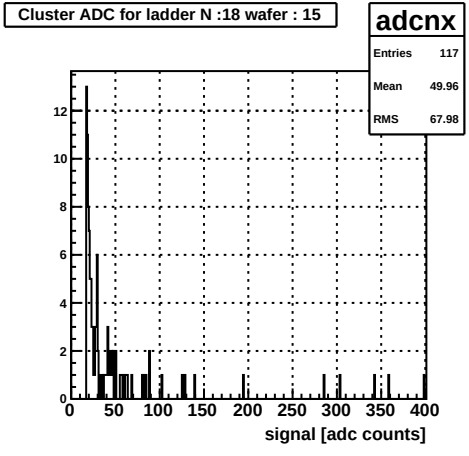

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 11787
Mean 74.66
RMS 60.81
signal [adc counts]

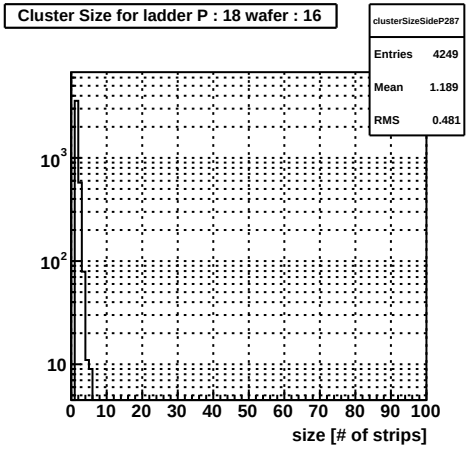

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 20679
Mean 1.261
RMS 0.5734
size [# of strips]

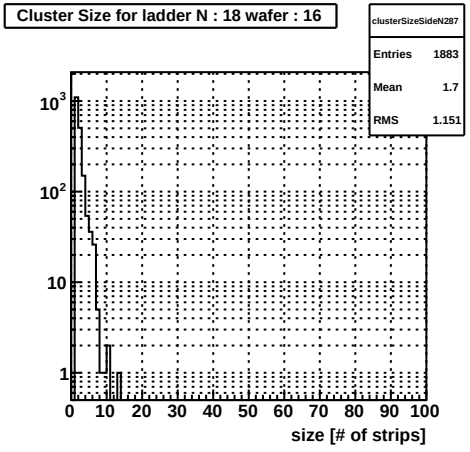

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 117
Mean 1.521
RMS 1.009
size [# of strips]

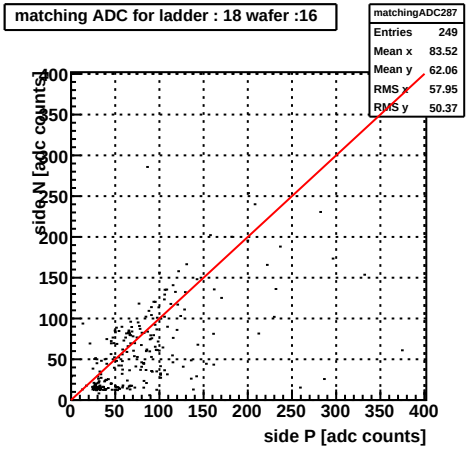

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 88
Mean x 171.1
Mean y 29.63
RMS x 98.21
RMS y 17.75
side N [adc counts]
side P [adc counts]

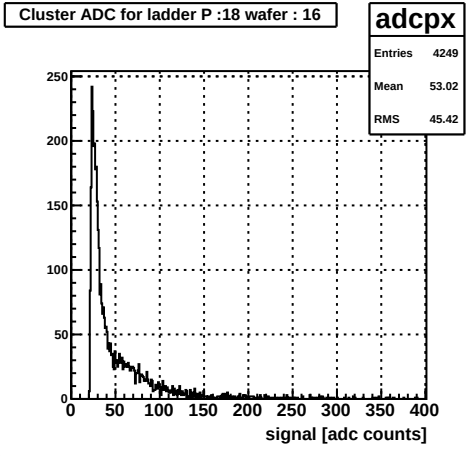

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 20679
Mean 45.33
RMS 40.9
signal [adc counts]

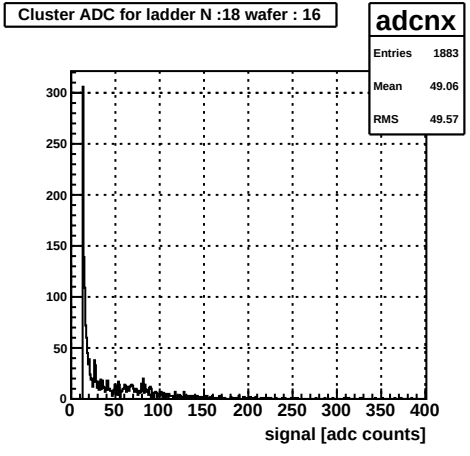

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 117
Mean 49.96
RMS 67.98
signal [adc counts]

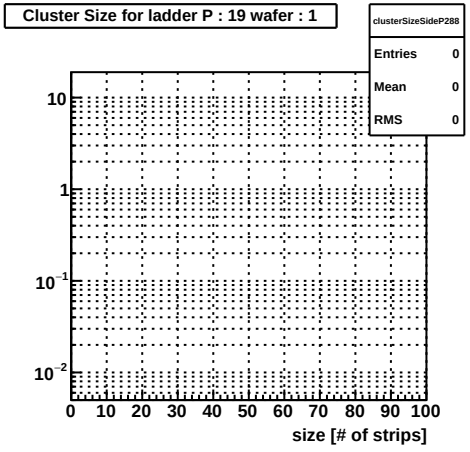

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 4249
Mean 1.189
RMS 0.481
size [# of strips]

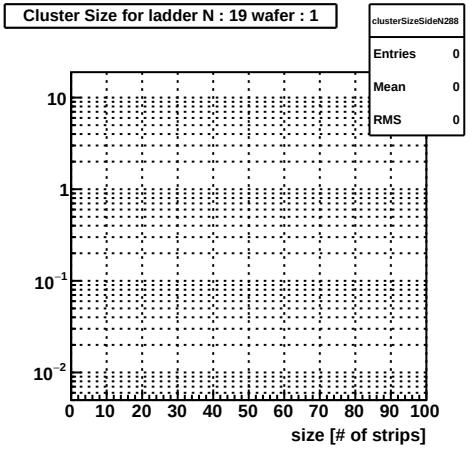

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1883
Mean 1.7
RMS 1.151
size [# of strips]

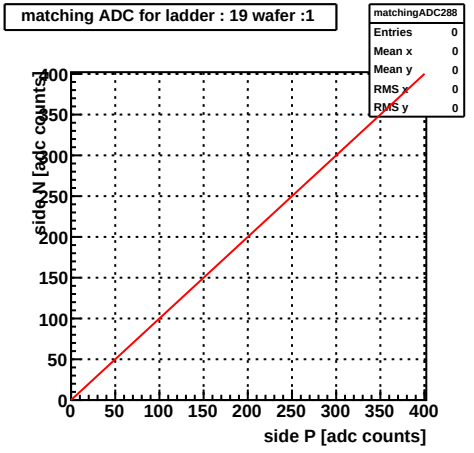

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 249
Mean x 83.52
Mean y 62.06
RMS x 57.95
RMS y 50.37
side N [adc counts]
side P [adc counts]

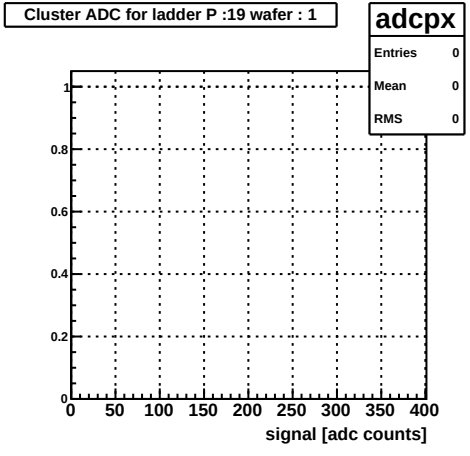

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 4249
Mean 53.02
RMS 45.42
signal [adc counts]

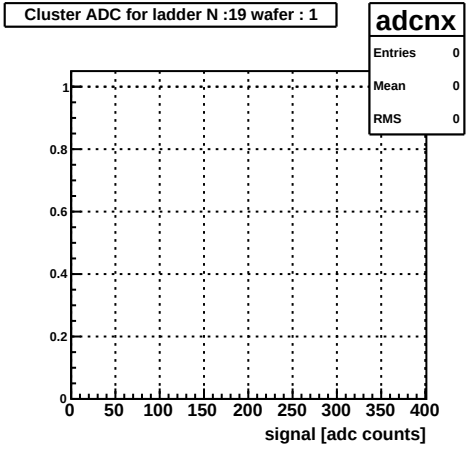

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1883
Mean 49.06
RMS 49.57
signal [adc counts]

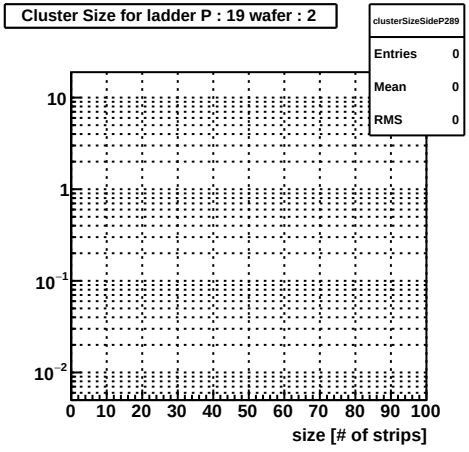

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

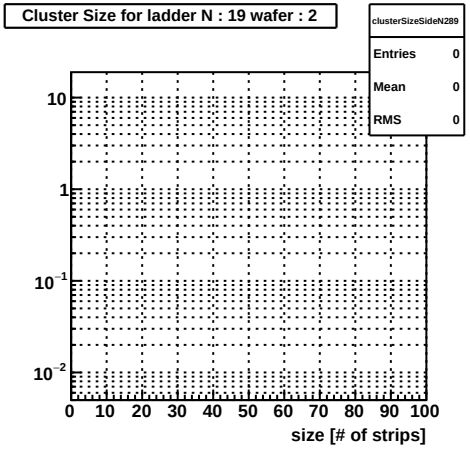

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

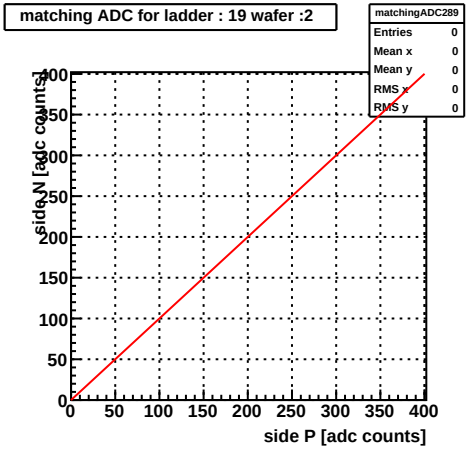

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

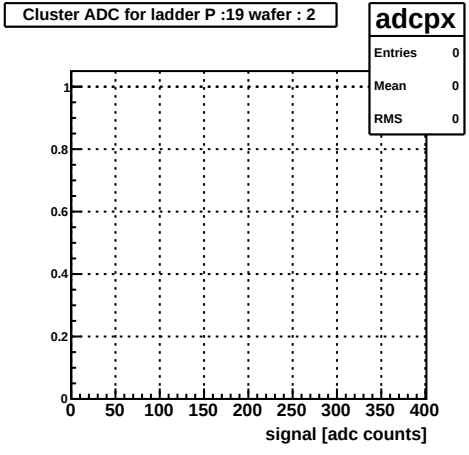

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

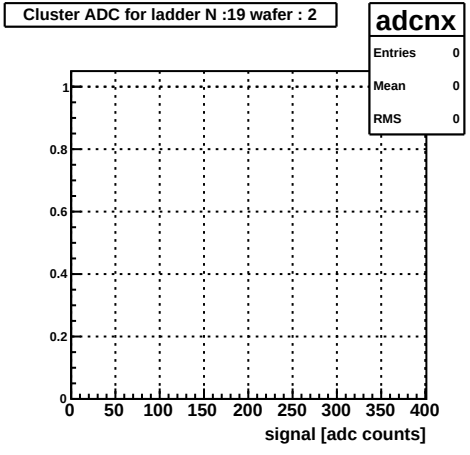

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

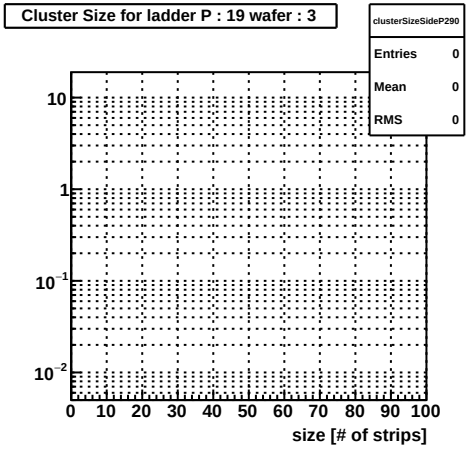

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

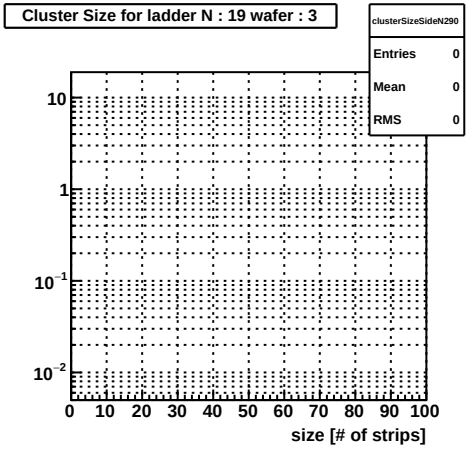

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

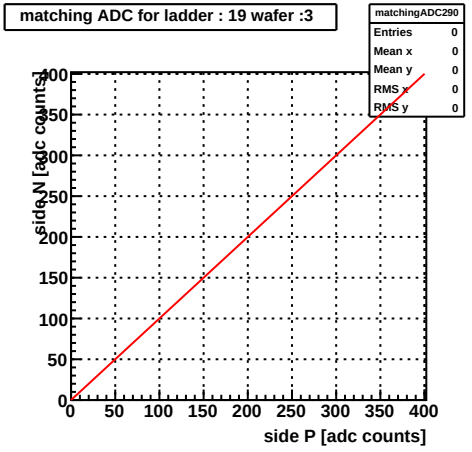

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

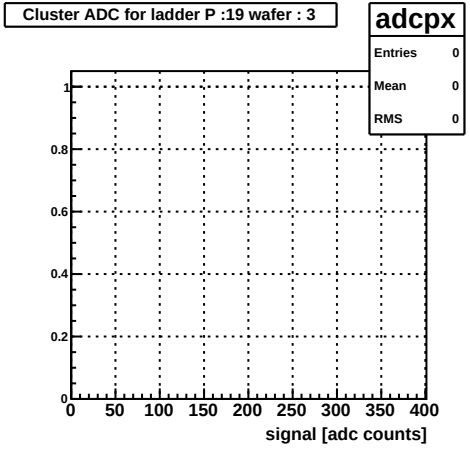

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

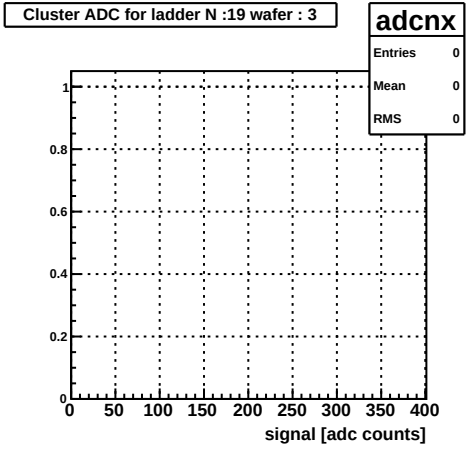

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

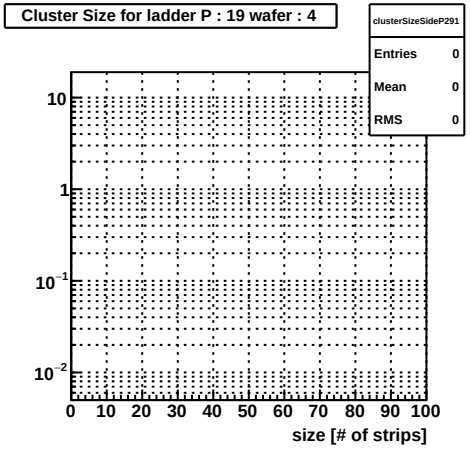

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

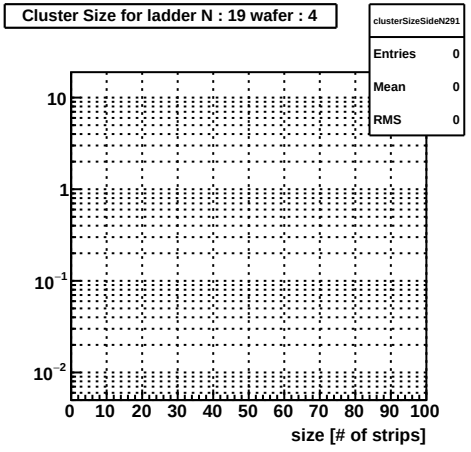

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

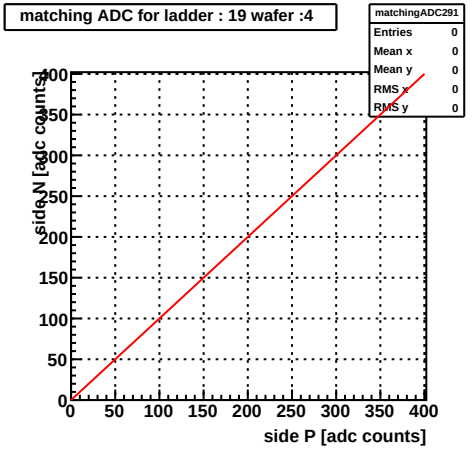

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

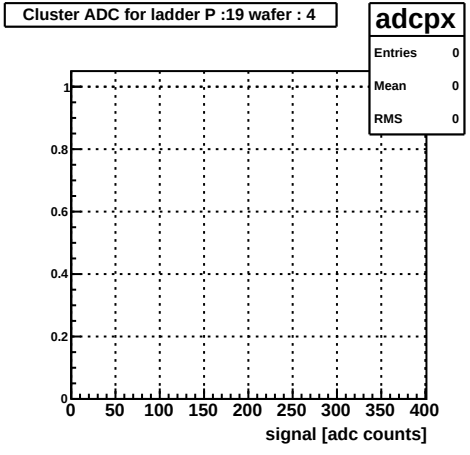

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

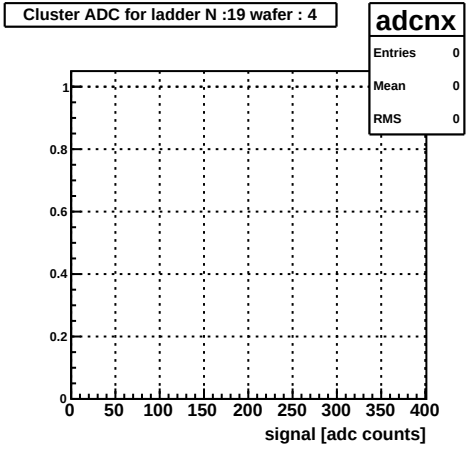

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

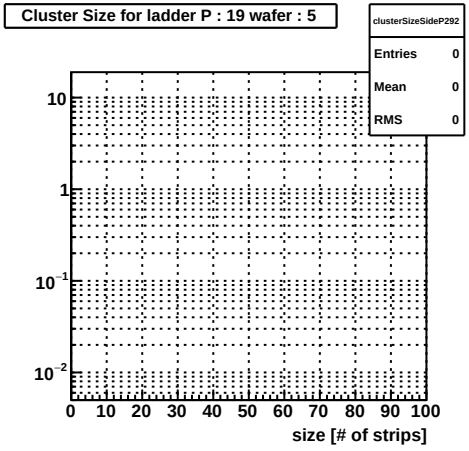

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

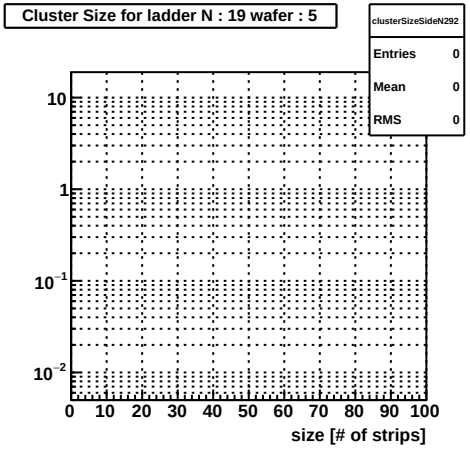

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

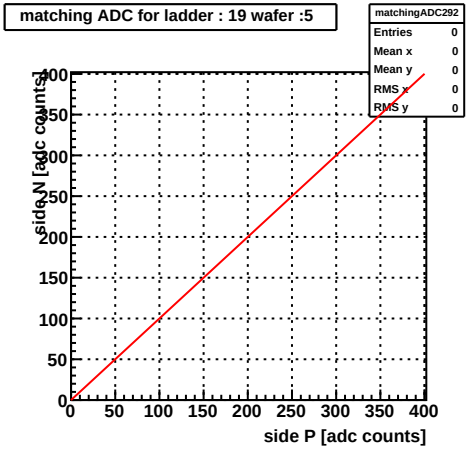

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

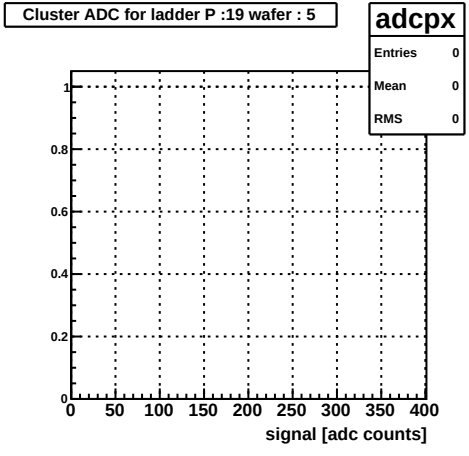

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

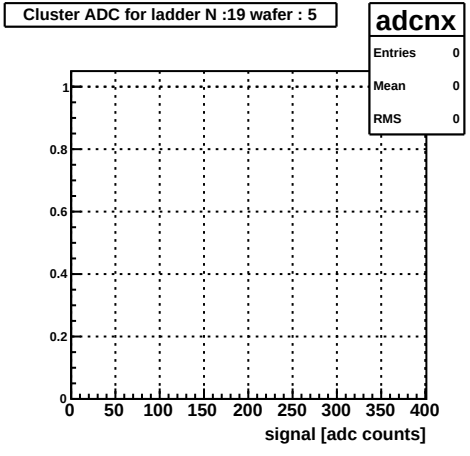

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

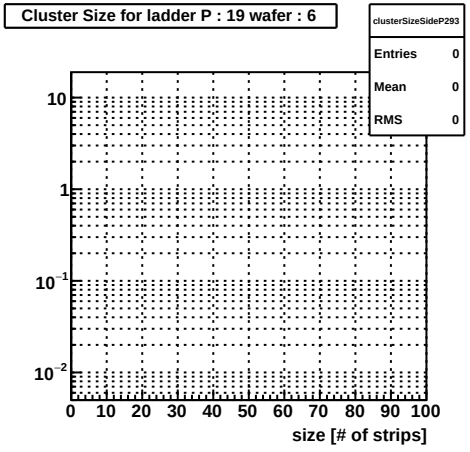

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

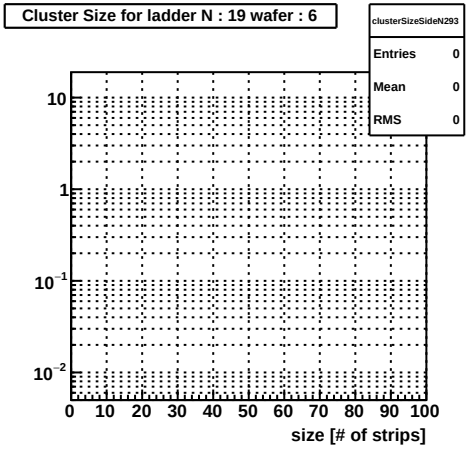

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

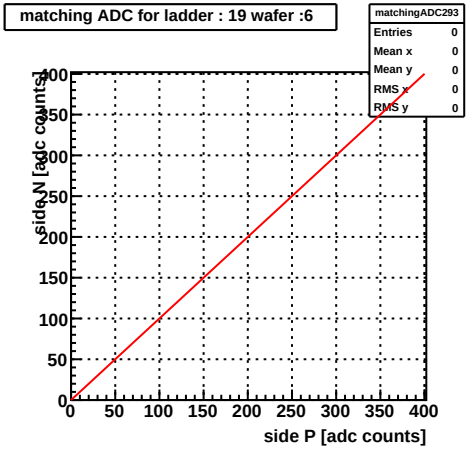

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

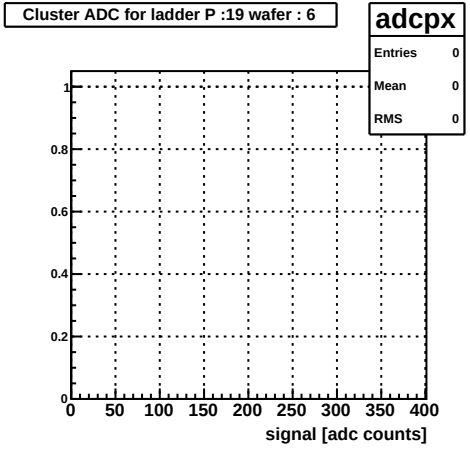

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

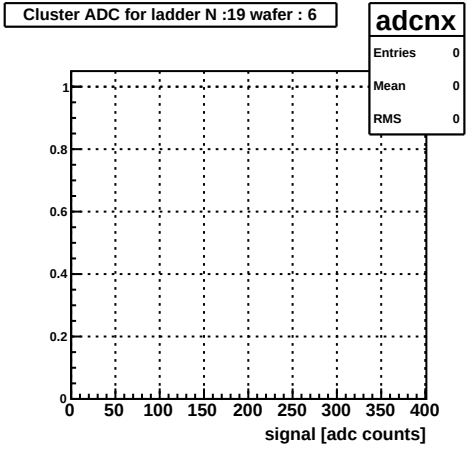

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

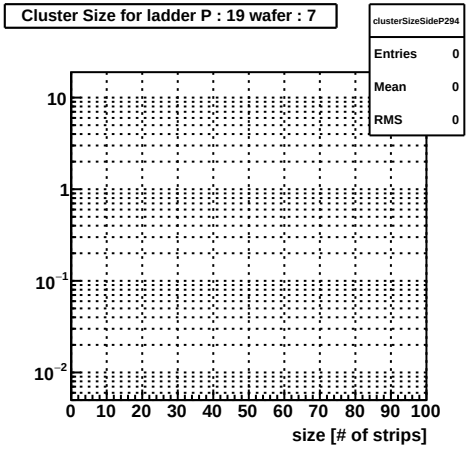

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

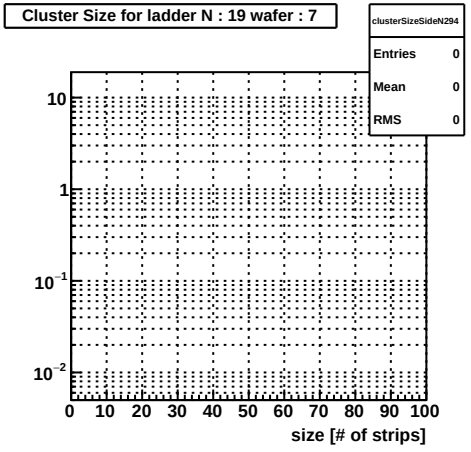

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

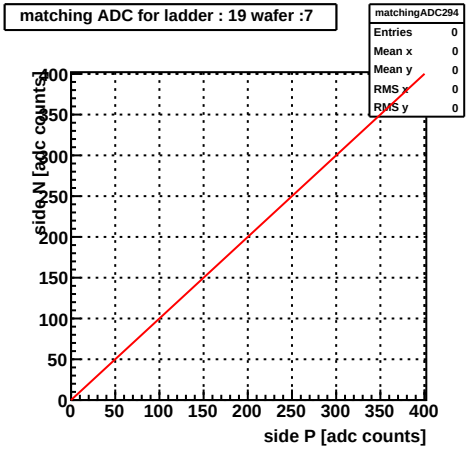

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

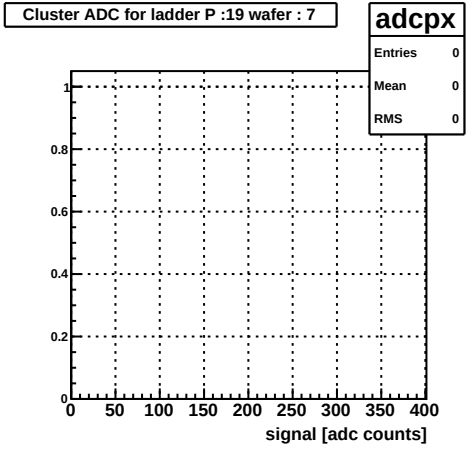

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

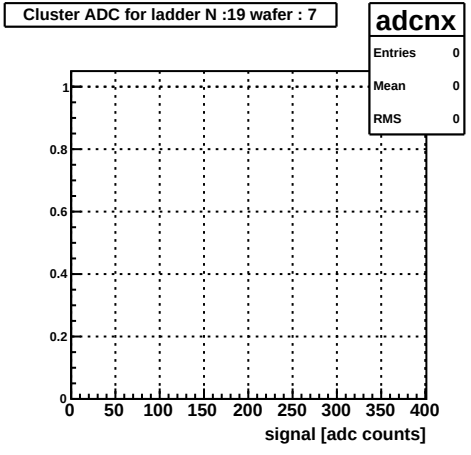

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

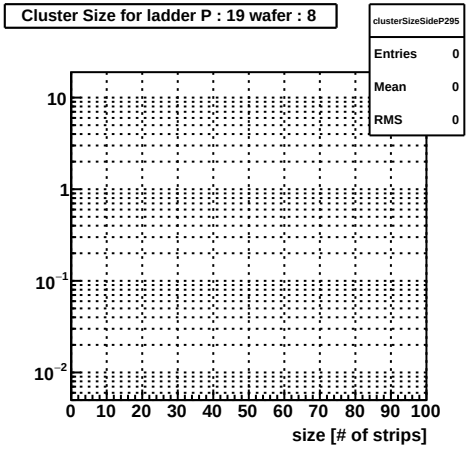

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

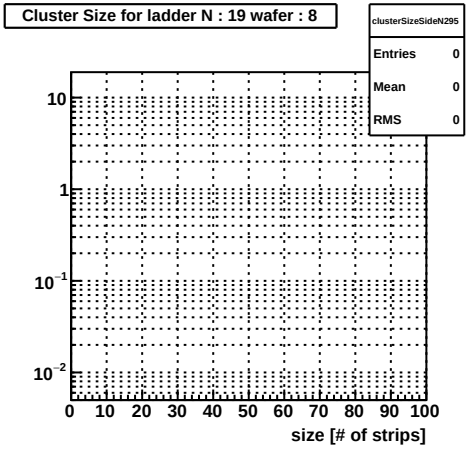

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

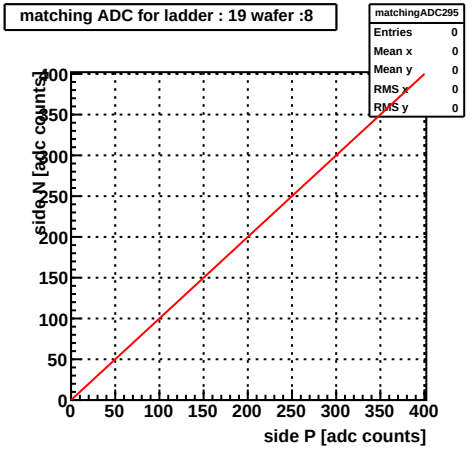

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

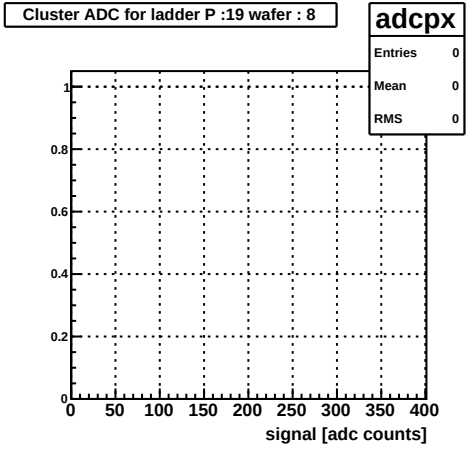

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

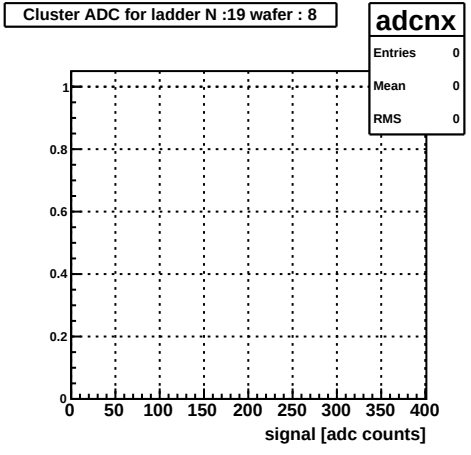

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

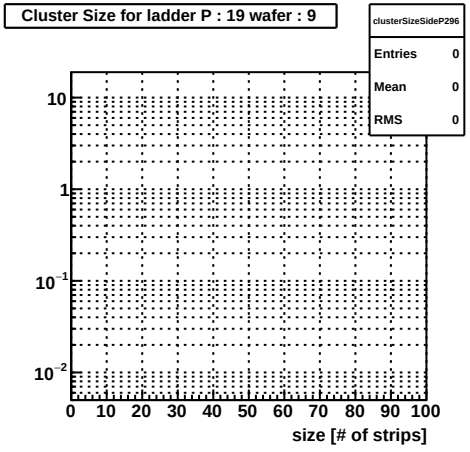

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

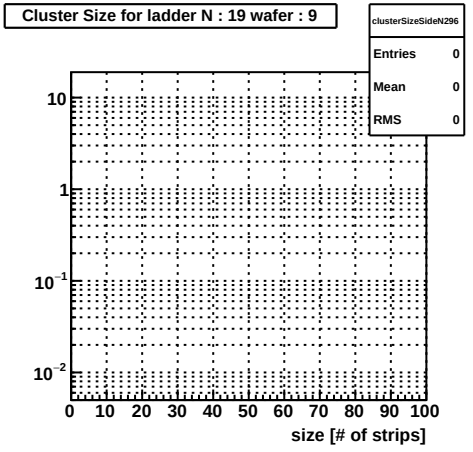

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

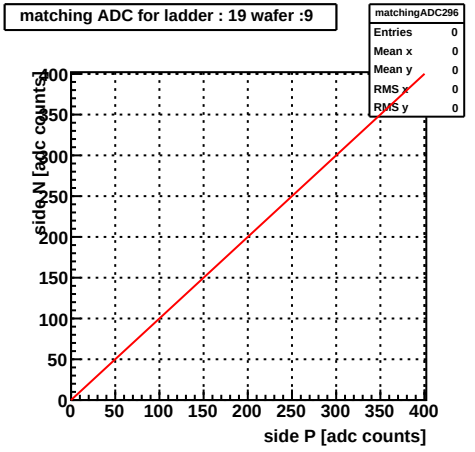

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

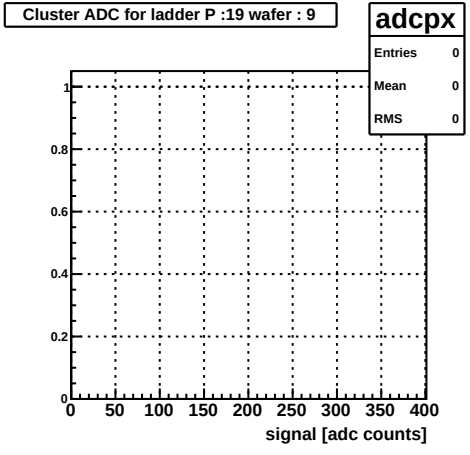

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

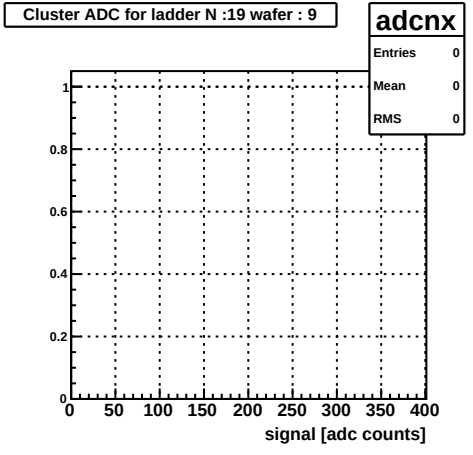

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

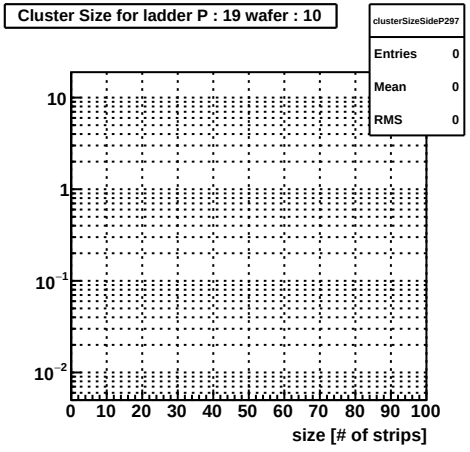

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

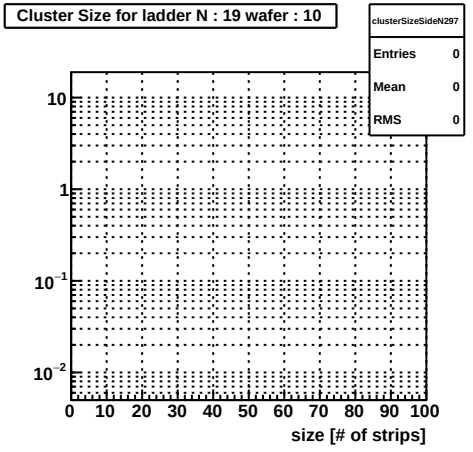

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

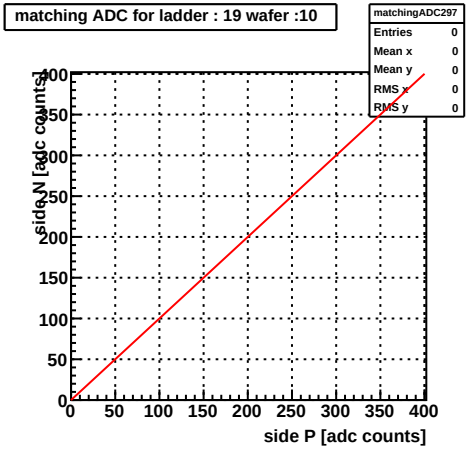

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

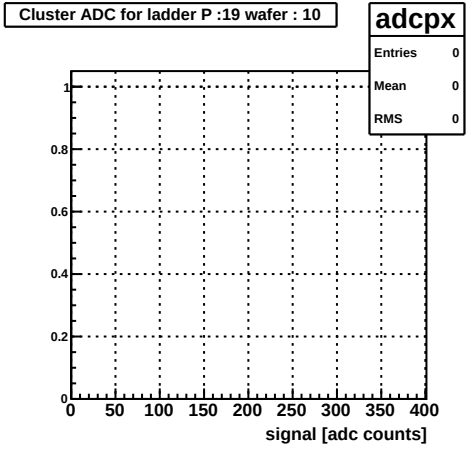

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

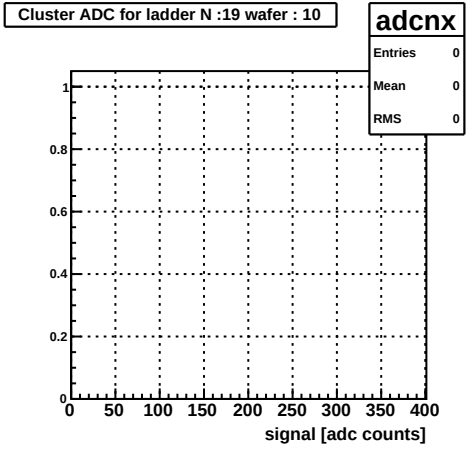

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

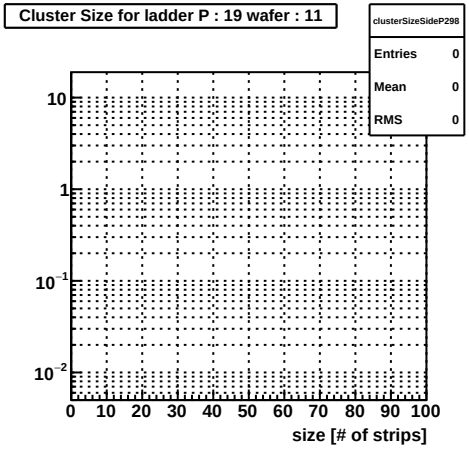

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

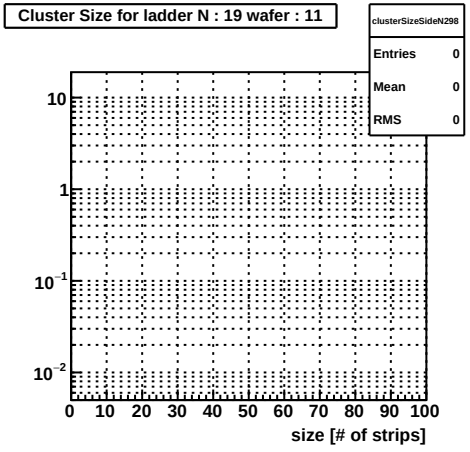

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

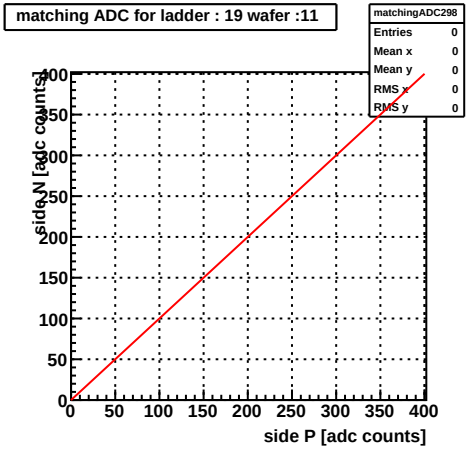

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

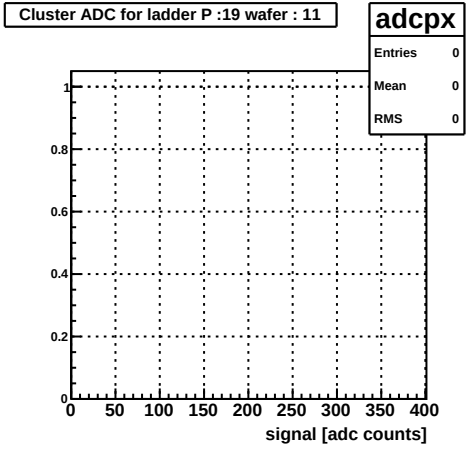

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

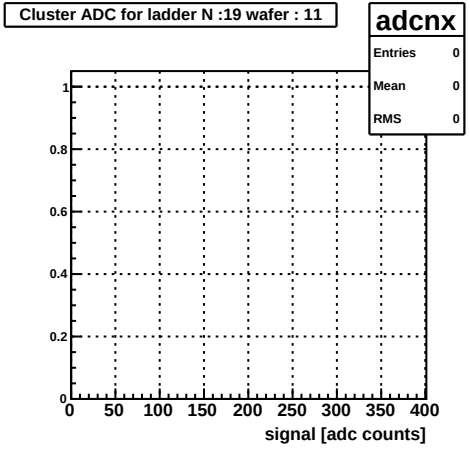

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

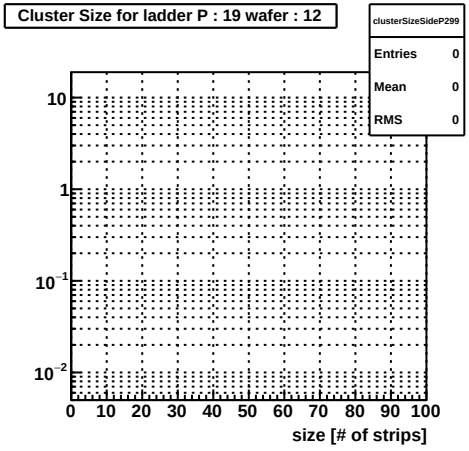

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

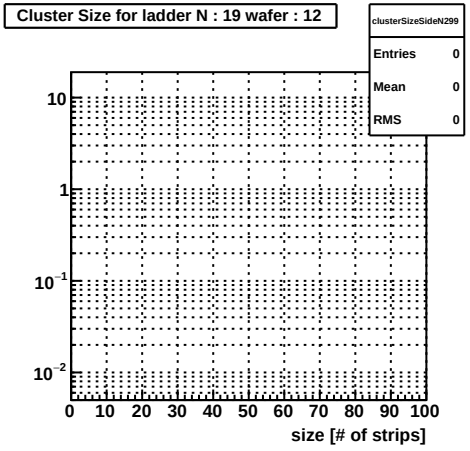

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

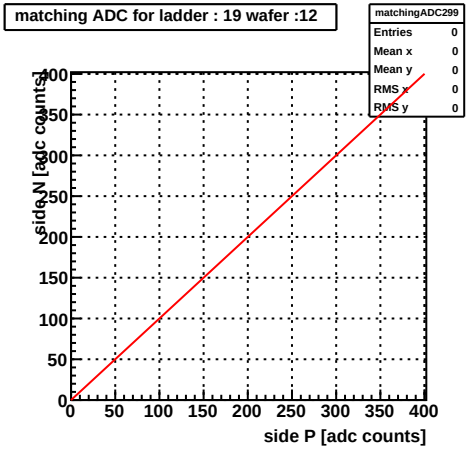

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

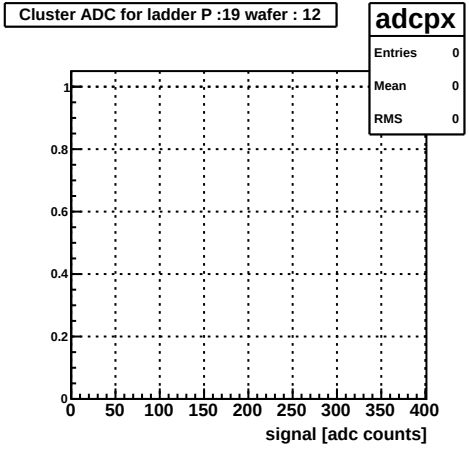

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

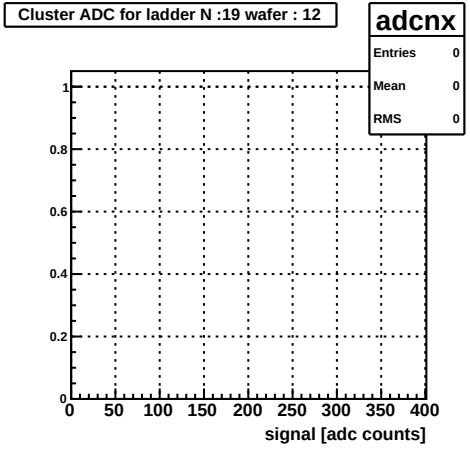

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

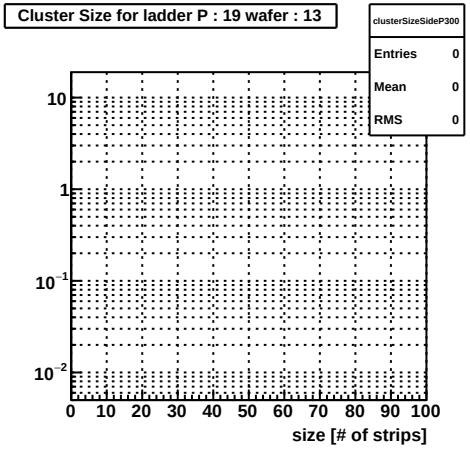

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

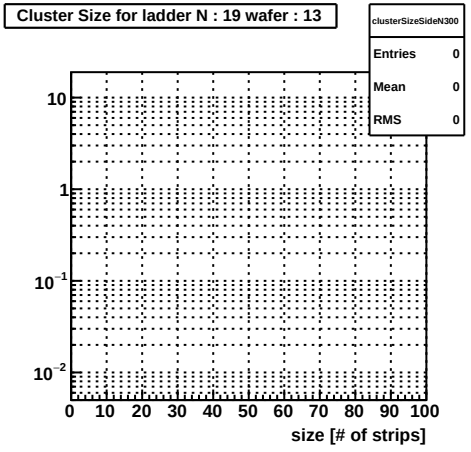

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

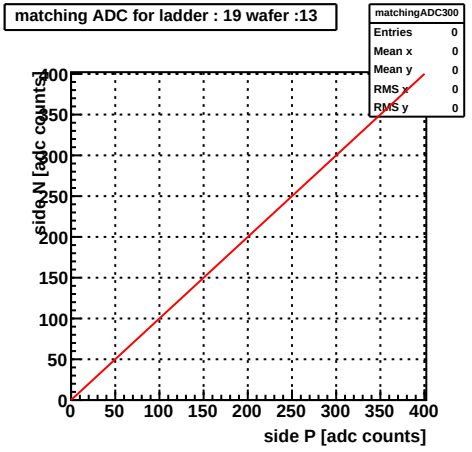

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

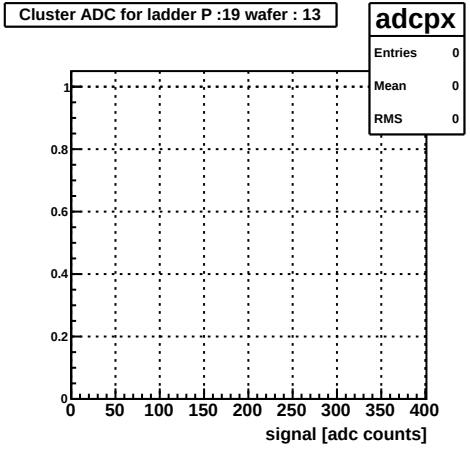

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

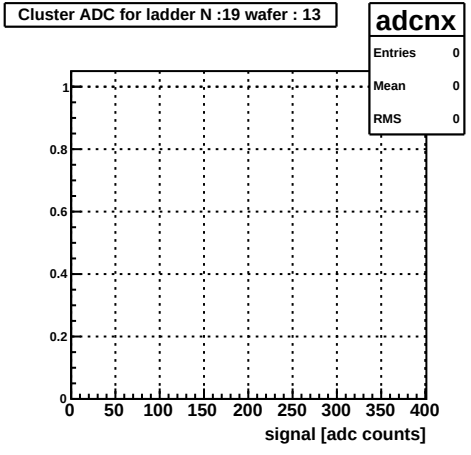

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

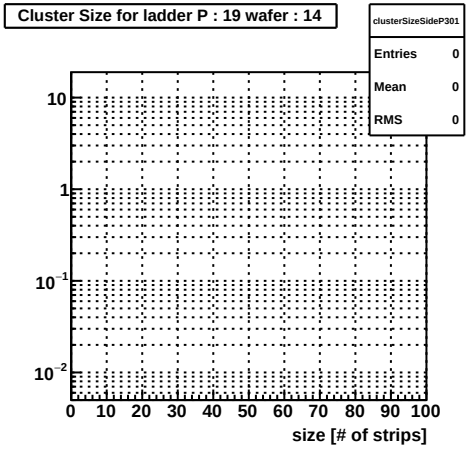

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

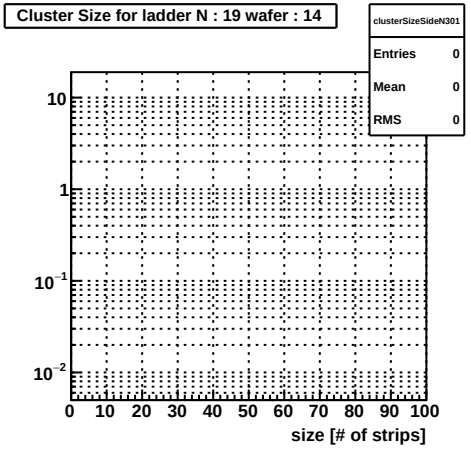

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

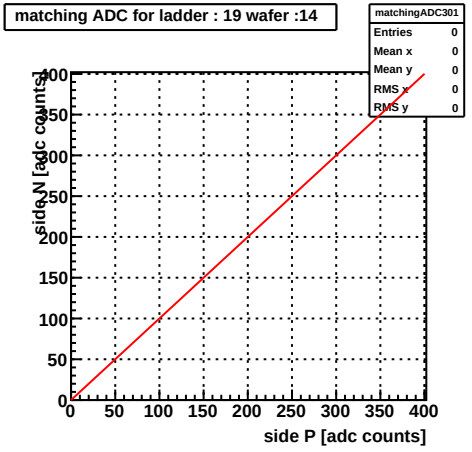

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

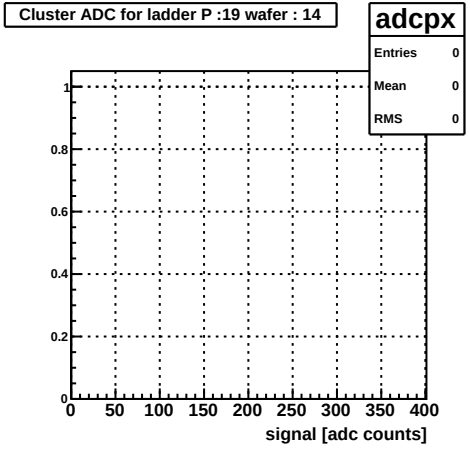

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

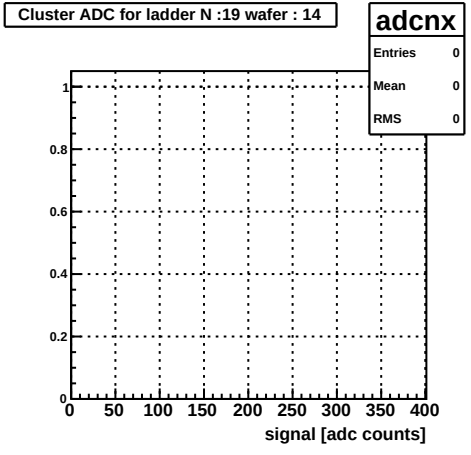

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

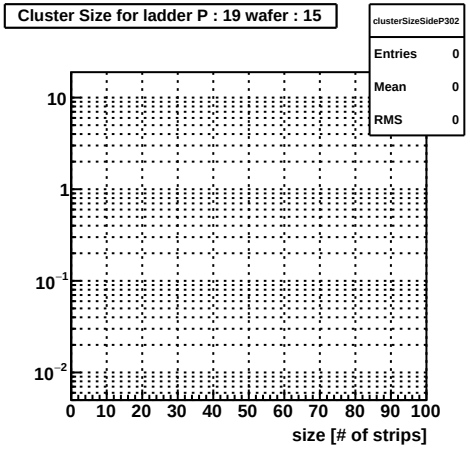

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

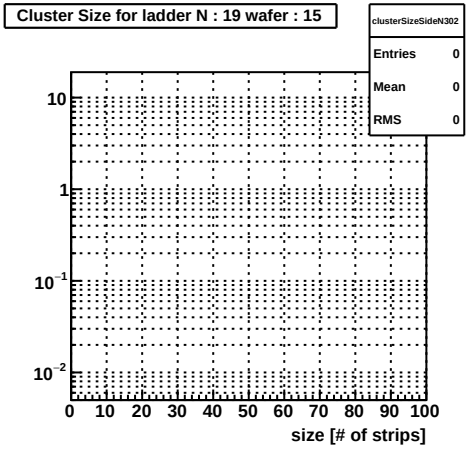

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

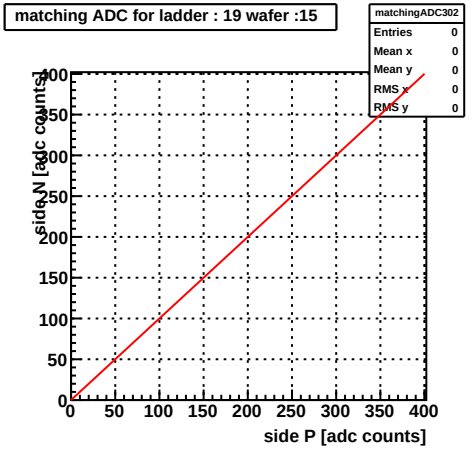

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

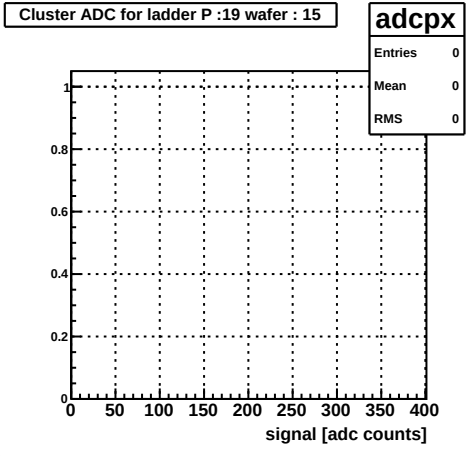

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

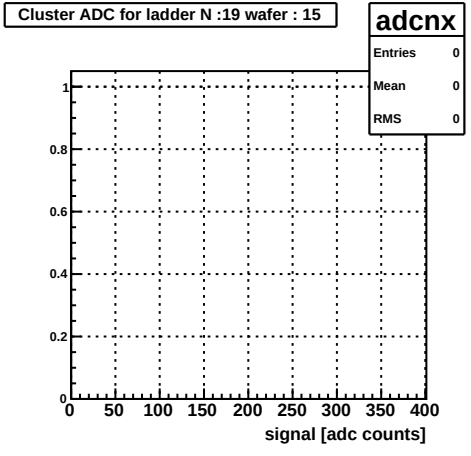

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

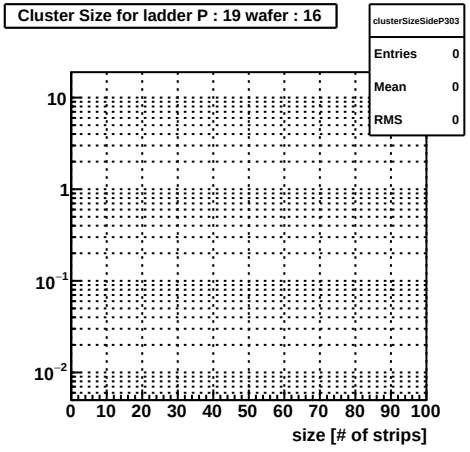

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

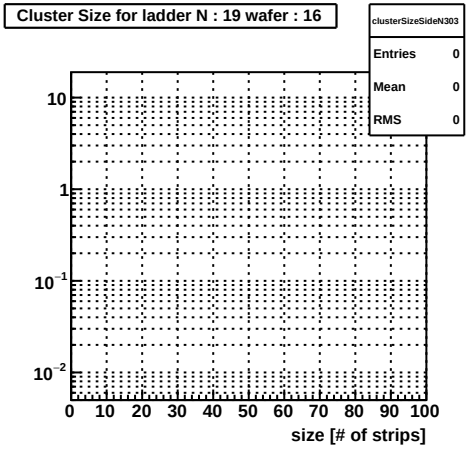

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

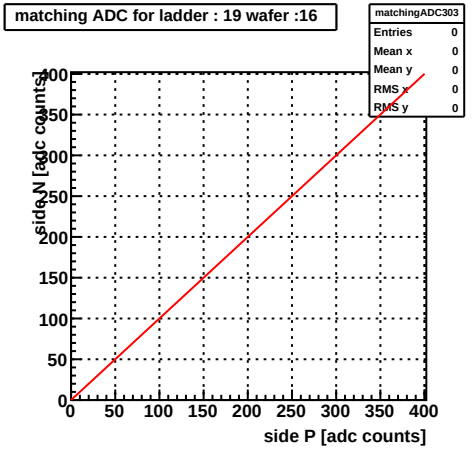

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

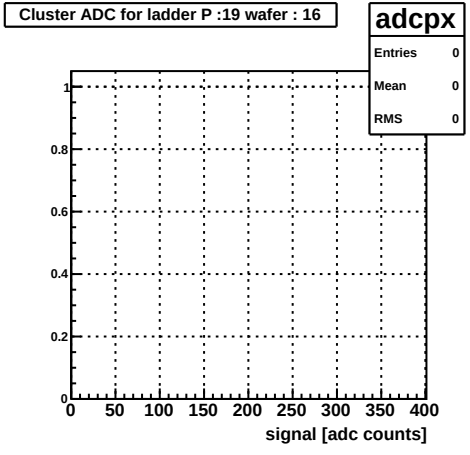

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

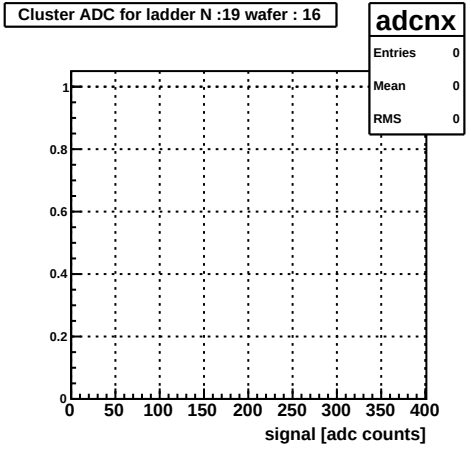

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

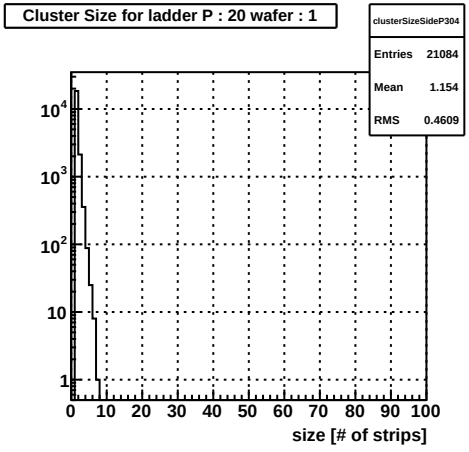

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

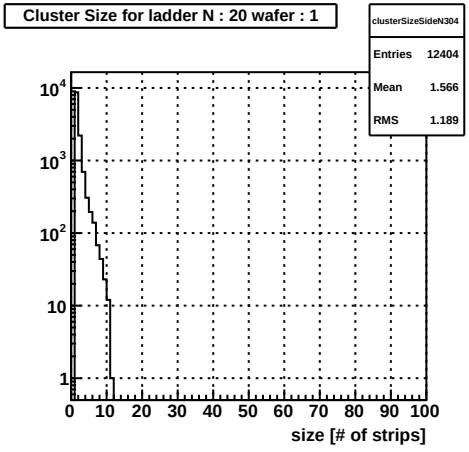

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

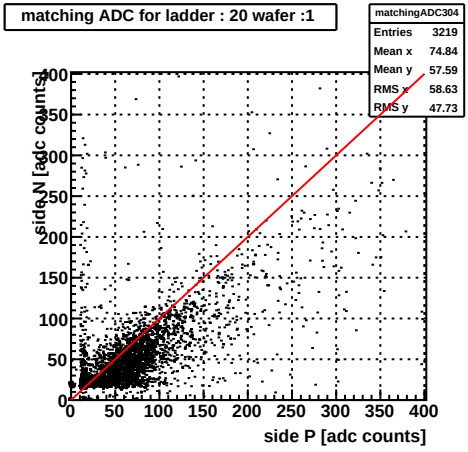

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

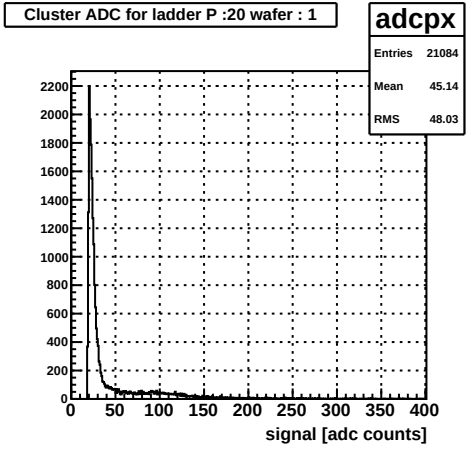

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

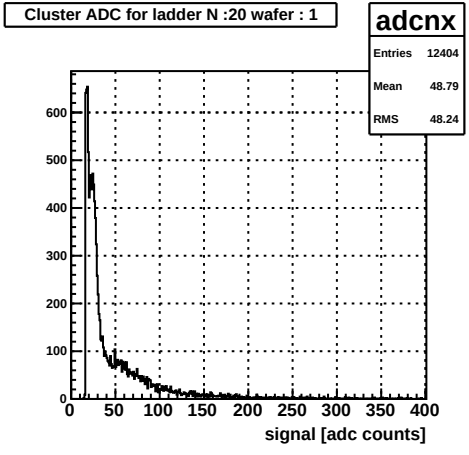

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

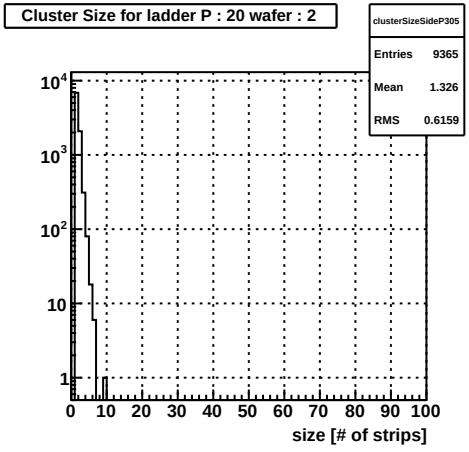

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 21084
Mean 1.154
RMS 0.4609
size [# of strips]

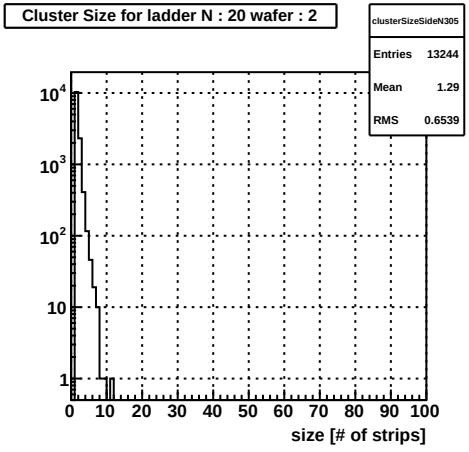

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 12404
Mean 1.566
RMS 1.189
size [# of strips]

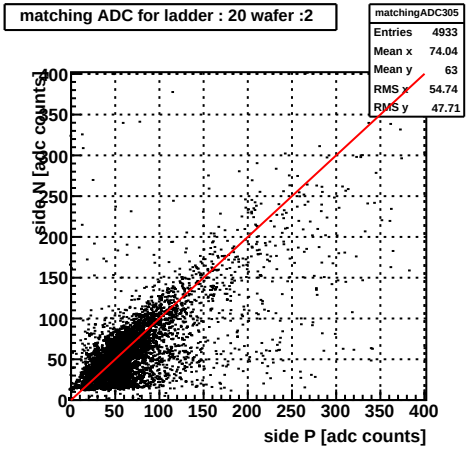

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 3219
Mean x 74.84
Mean y 57.59
RMS x 58.63
RMS y 47.73
side N [adc counts]
side P [adc counts]

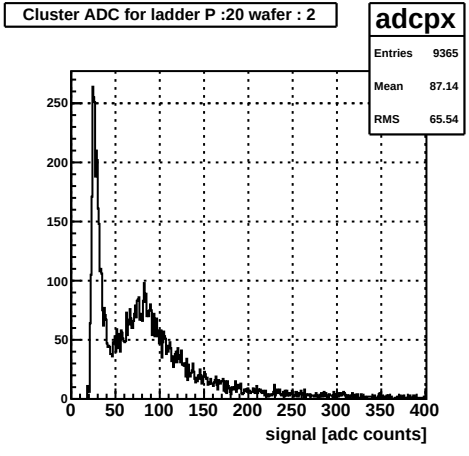

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 21084
Mean 45.14
RMS 48.03
signal [adc counts]

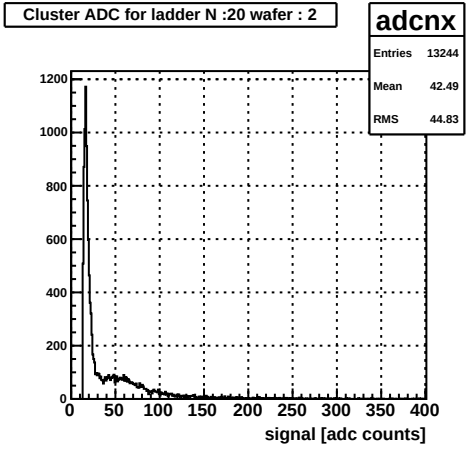

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 12404
Mean 48.79
RMS 48.24
signal [adc counts]

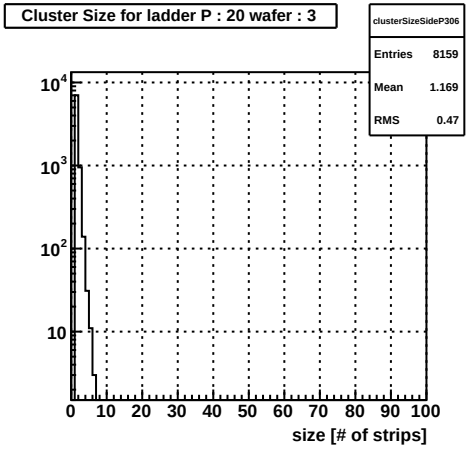

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 9365
Mean 1.326
RMS 0.6159
size [# of strips]

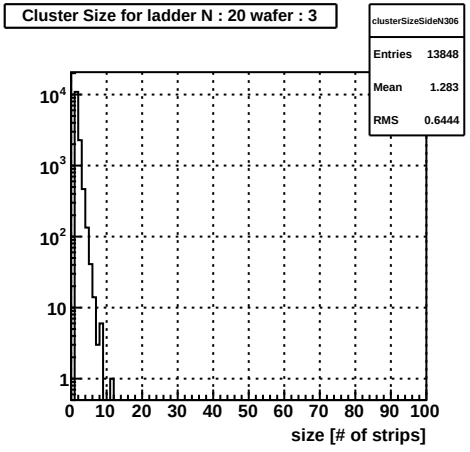

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 13244
Mean 1.29
RMS 0.6539
size [# of strips]

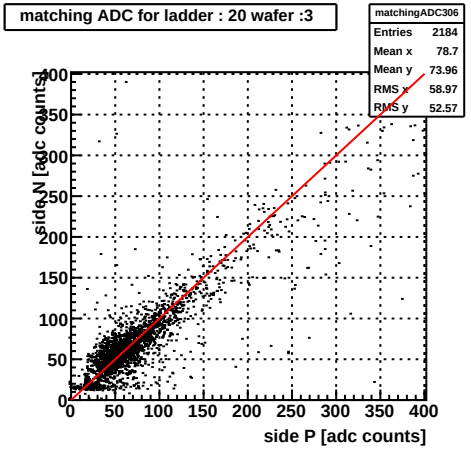

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 4933
Mean x 74.04
Mean y 63
RMS x 54.74
RMS y 47.71
side N [adc counts]
side P [adc counts]

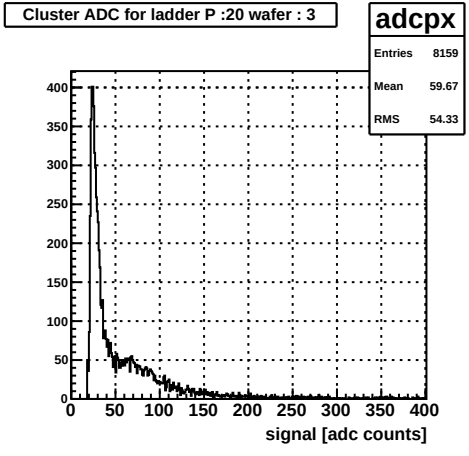

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 9365
Mean 87.14
RMS 65.54
signal [adc counts]

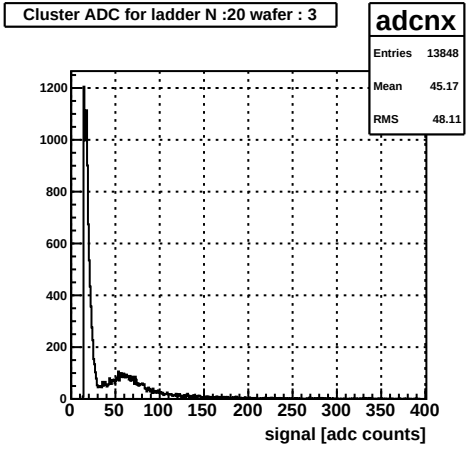

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 13244
Mean 42.49
RMS 44.83
signal [adc counts]

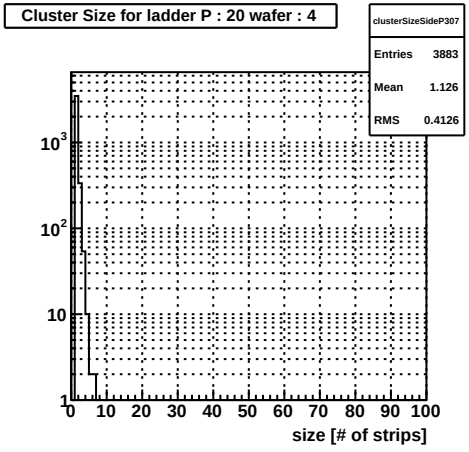

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 8159
Mean 1.169
RMS 0.47
size [# of strips]

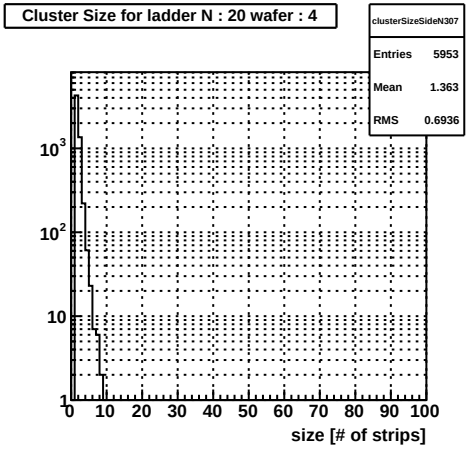

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 13848
Mean 1.283
RMS 0.6444
size [# of strips]

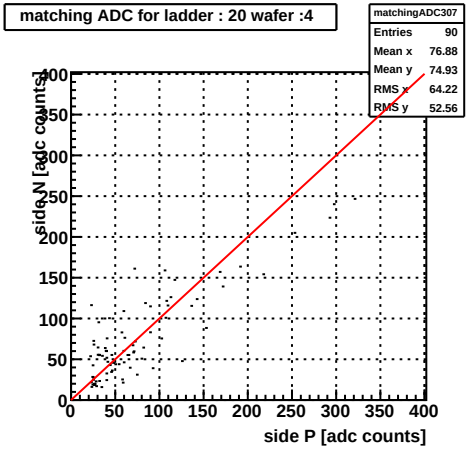

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2184
Mean x 78.7
Mean y 73.96
RMS x 58.97
RMS y 52.57
side N [adc counts]
side P [adc counts]

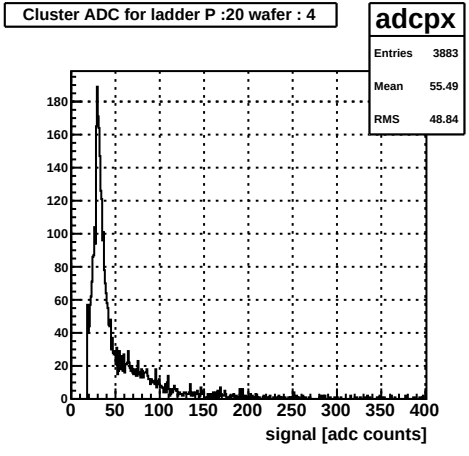

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 8159
Mean 59.67
RMS 54.33
signal [adc counts]

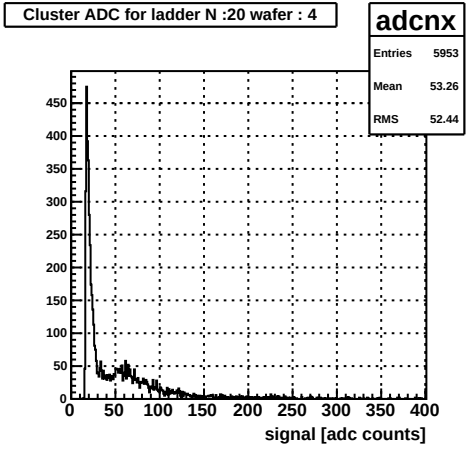

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 13848
Mean 45.17
RMS 48.11
signal [adc counts]

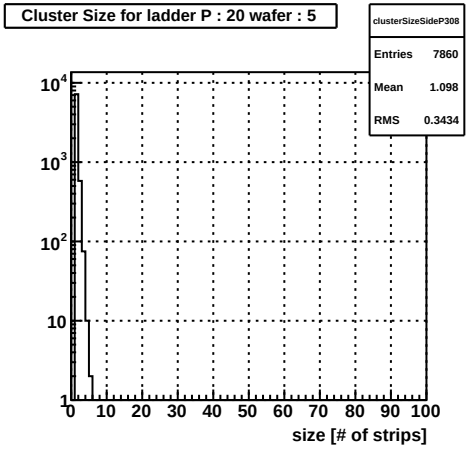

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3883
Mean 1.126
RMS 0.4126
size [# of strips]

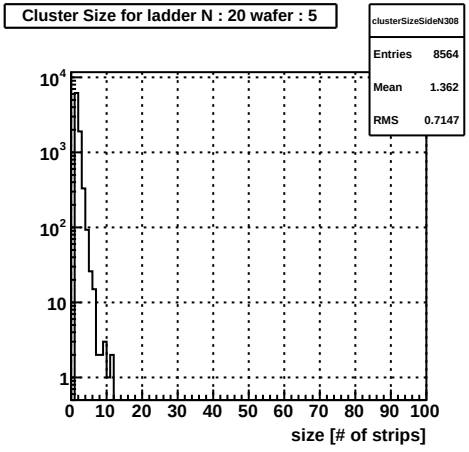

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 5953
Mean 1.363
RMS 0.6936
size [# of strips]

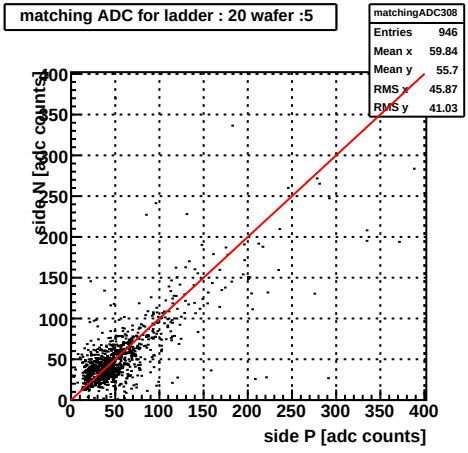

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 90
Mean x 76.88
Mean y 74.93
RMS x 64.22
RMS y 52.56
side N [adc counts]
side P [adc counts]

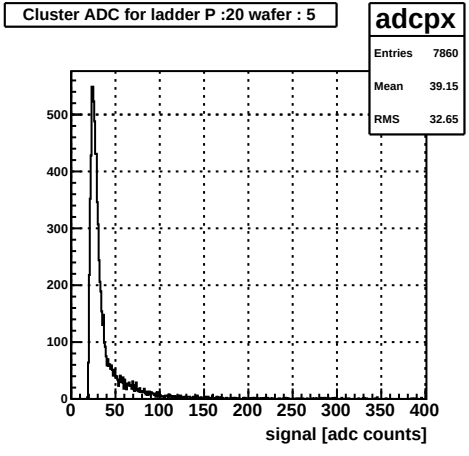

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3883
Mean 55.49
RMS 48.84
signal [adc counts]

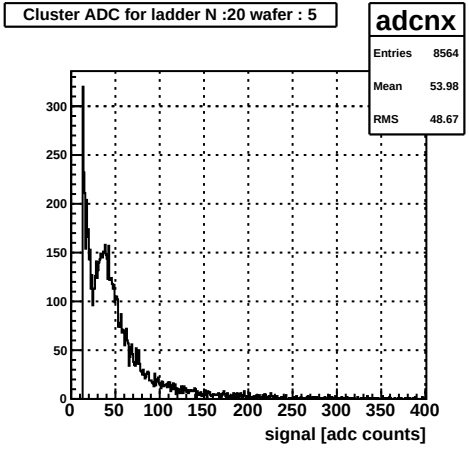

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 5953
Mean 53.26
RMS 52.44
signal [adc counts]

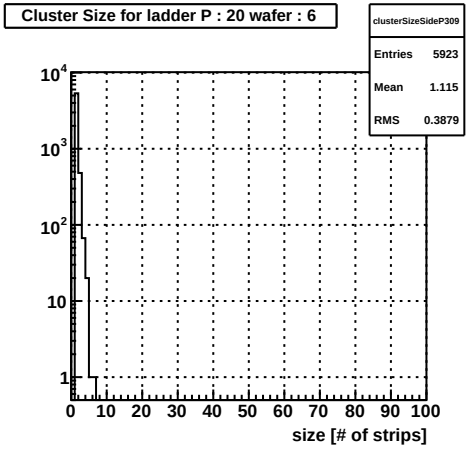

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 7860
Mean 1.098
RMS 0.3434
size [# of strips]

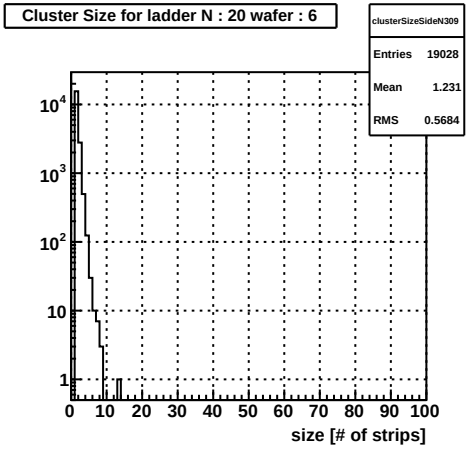

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 8564
Mean 1.362
RMS 0.7147
size [# of strips]

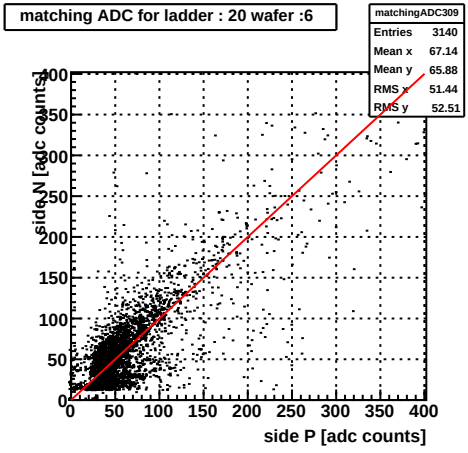

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 946
Mean x 59.84
Mean y 55.7
RMS x 45.87
RMS y 41.03
side N [adc counts]
side P [adc counts]

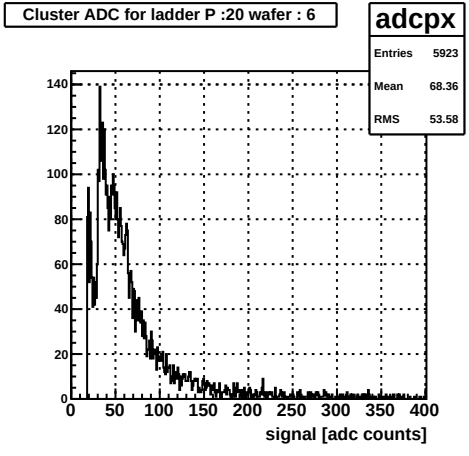

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 7860
Mean 39.15
RMS 32.65
signal [adc counts]

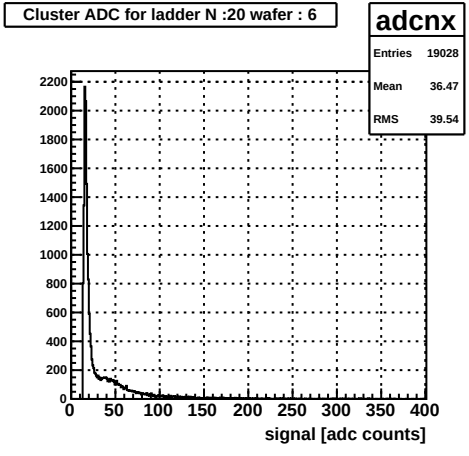

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 8564
Mean 53.98
RMS 48.67
signal [adc counts]

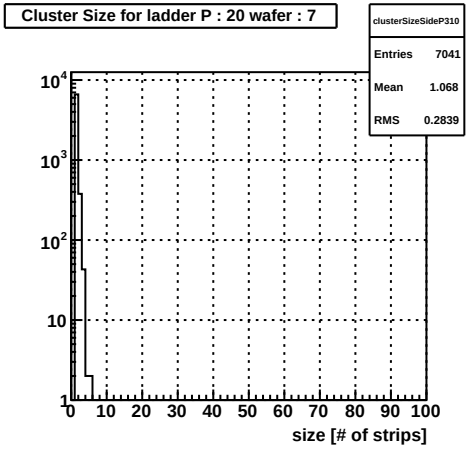

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 5923
Mean 1.115
RMS 0.3879
size [# of strips]

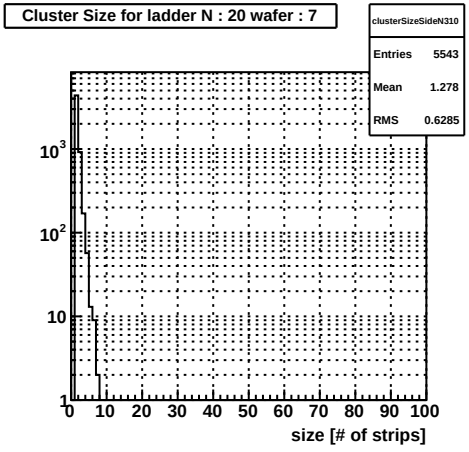

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 19028
Mean 1.231
RMS 0.5684
size [# of strips]

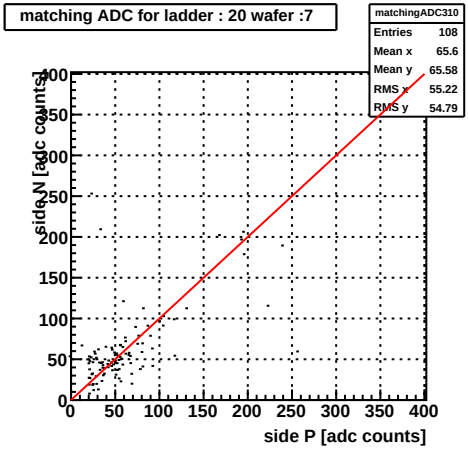

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 3140
Mean x 67.14
Mean y 65.88
RMS x 51.44
RMS y 52.51
side N [adc counts]
side P [adc counts]

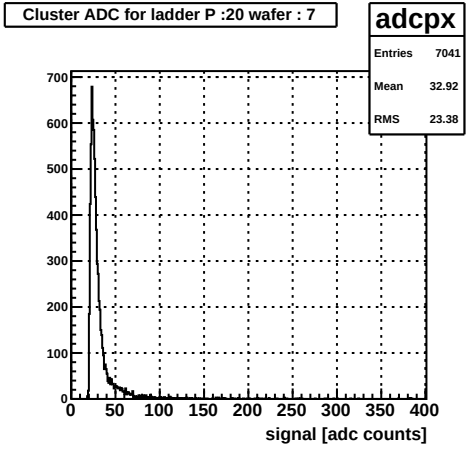

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 5923
Mean 68.36
RMS 53.58
signal [adc counts]

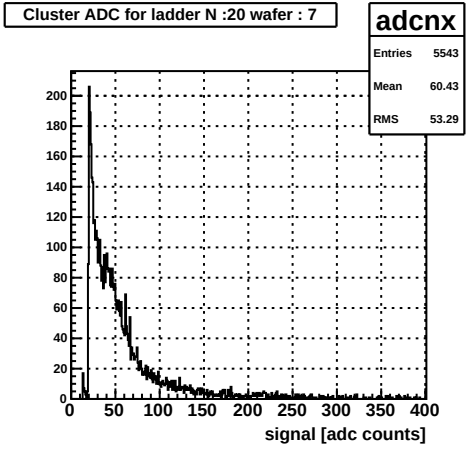

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 19028
Mean 36.47
RMS 39.54
signal [adc counts]

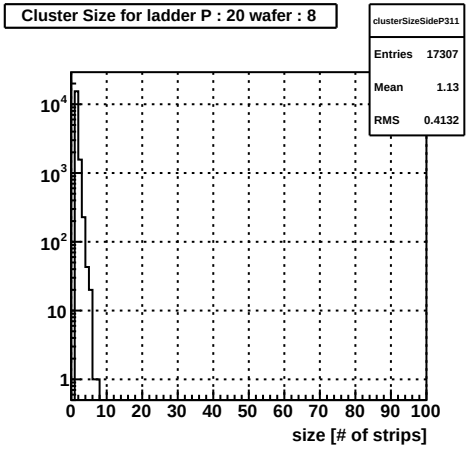

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 7041
Mean 1.068
RMS 0.2839
size [# of strips]

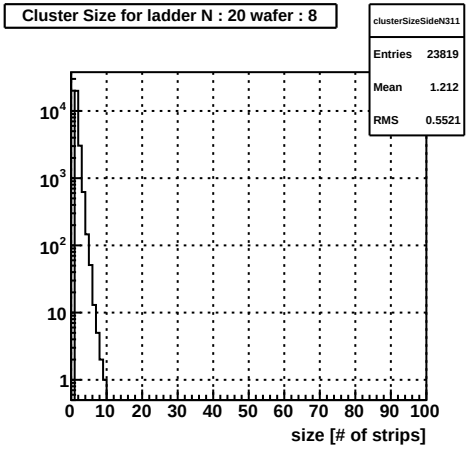

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 5543
Mean 1.278
RMS 0.6285
size [# of strips]

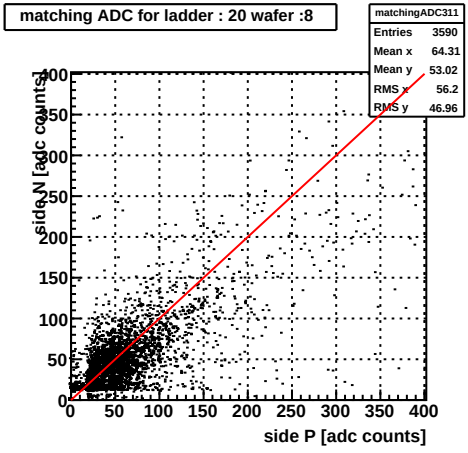

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 108
Mean x 65.6
Mean y 65.58
RMS x 55.22
RMS y 54.79
side N [adc counts]
side P [adc counts]

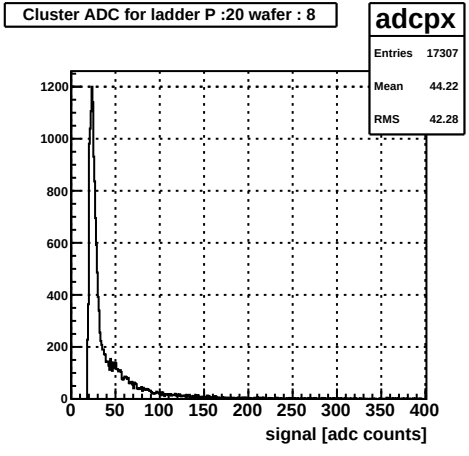

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 7041
Mean 32.92
RMS 23.38
signal [adc counts]

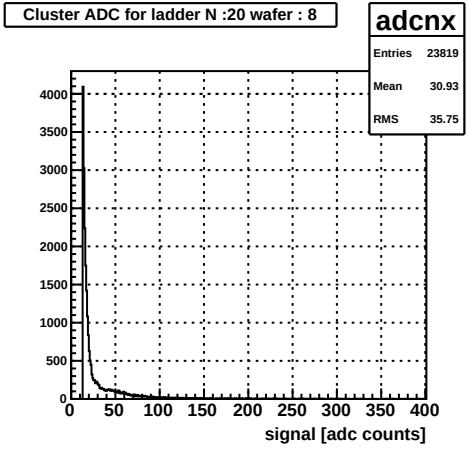

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 5543
Mean 60.43
RMS 53.29
signal [adc counts]

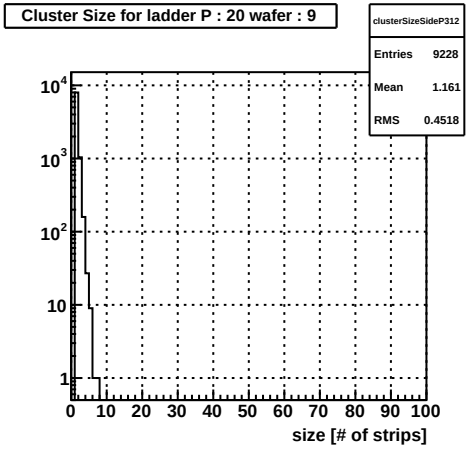

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 17307
Mean 1.13
RMS 0.4132
size [# of strips]

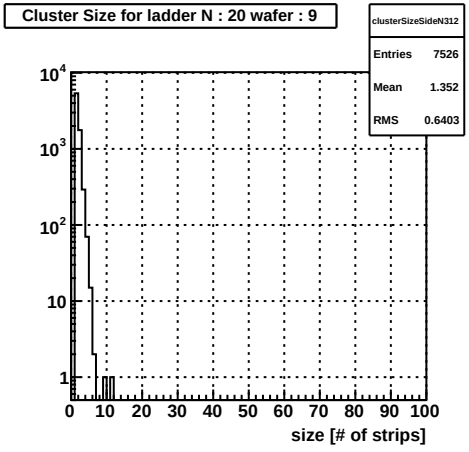

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 23819
Mean 1.212
RMS 0.5521
size [# of strips]

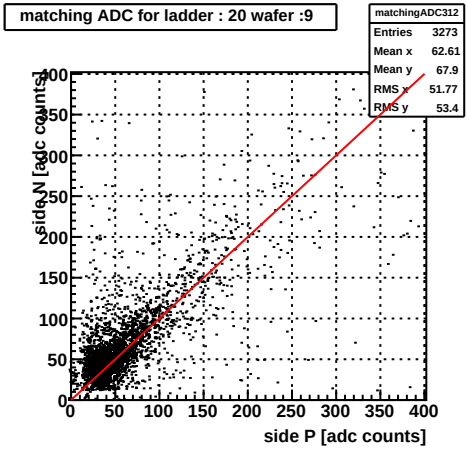

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 3590
Mean x 64.31
Mean y 53.02
RMS x 56.2
RMS y 46.96
side N [adc counts]
side P [adc counts]

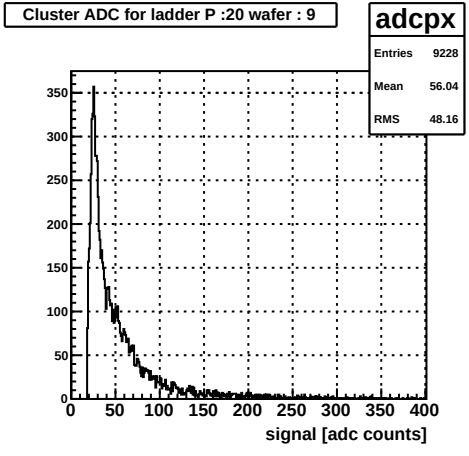

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 17307
Mean 44.22
RMS 42.28
signal [adc counts]

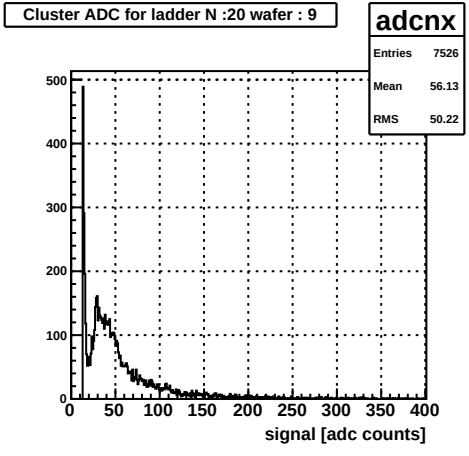

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 23819
Mean 30.93
RMS 35.75
signal [adc counts]

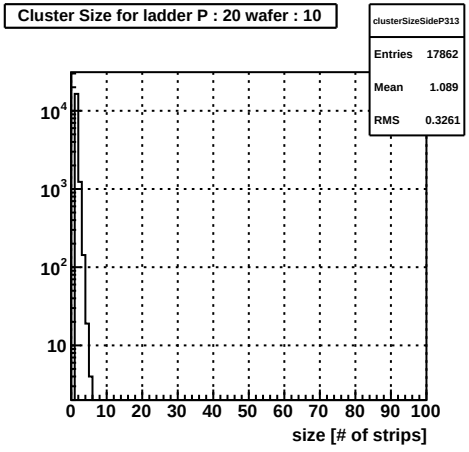

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 9228
Mean 1.161
RMS 0.4518
size [# of strips]

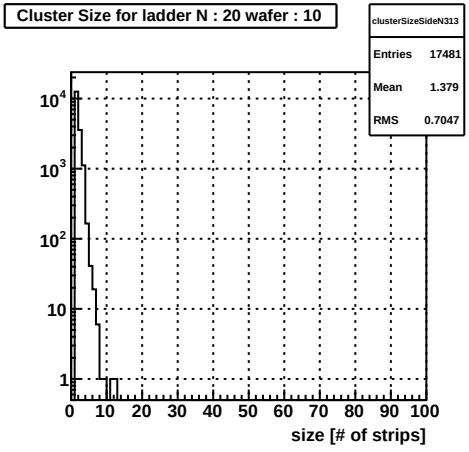

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 7526
Mean 1.352
RMS 0.6403
size [# of strips]

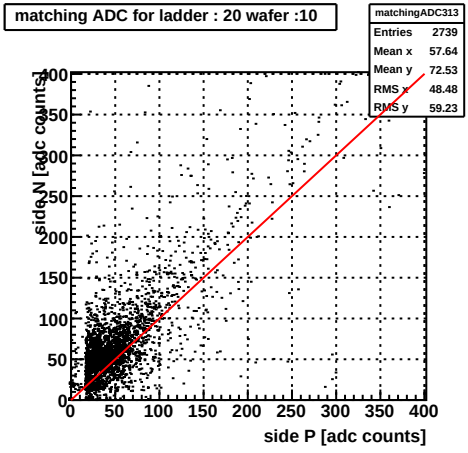

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 3273
Mean x 62.61
Mean y 67.9
RMS x 51.77
RMS y 53.4
side N [adc counts]
side P [adc counts]

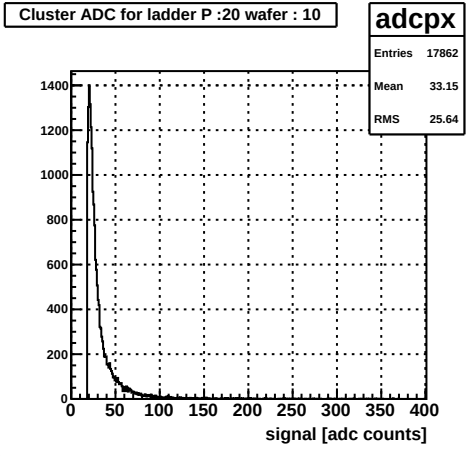

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 9228
Mean 56.04
RMS 48.16
signal [adc counts]

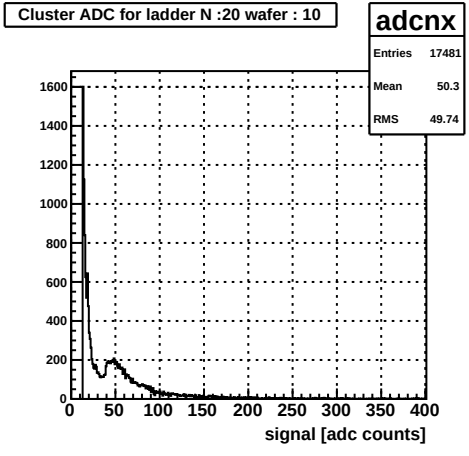

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 7526
Mean 56.13
RMS 50.22
signal [adc counts]

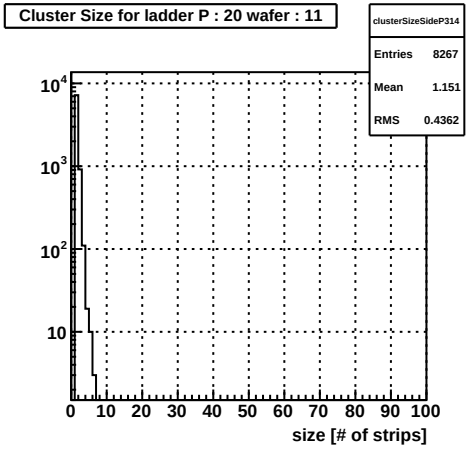

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 17862
Mean 1.089
RMS 0.3261
size [# of strips]

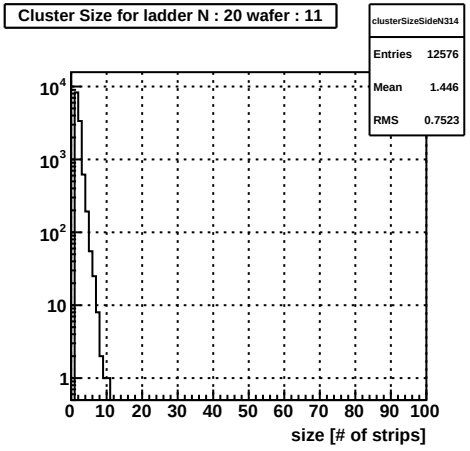

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 17481
Mean 1.379
RMS 0.7047
size [# of strips]

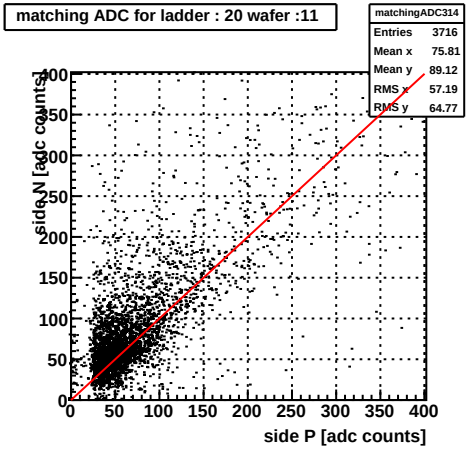

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 2739
Mean x 57.64
Mean y 72.53
RMS x 48.48
RMS y 59.23
side N [adc counts]
side P [adc counts]

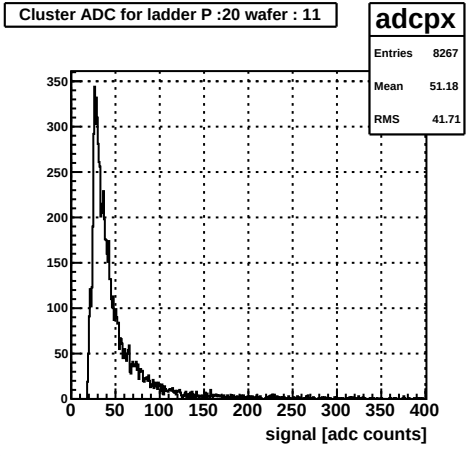

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 17862
Mean 33.15
RMS 25.64
signal [adc counts]

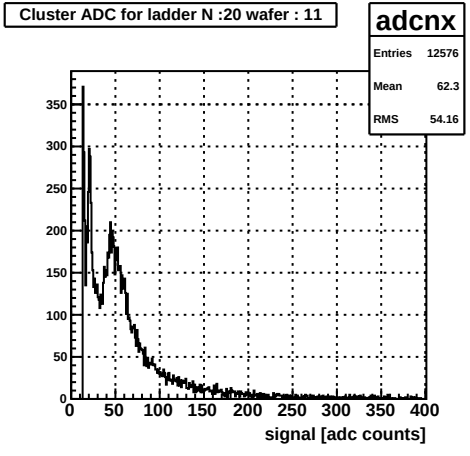

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 17481
Mean 50.3
RMS 49.74
signal [adc counts]

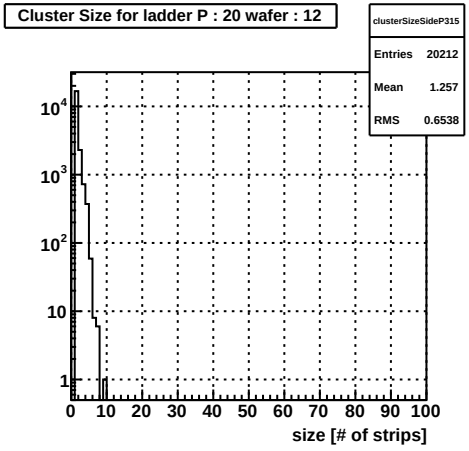

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 8267
Mean 1.151
RMS 0.4362
size [# of strips]

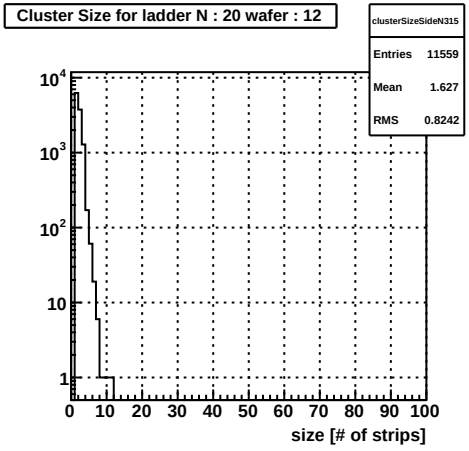

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 12576
Mean 1.446
RMS 0.7523
size [# of strips]

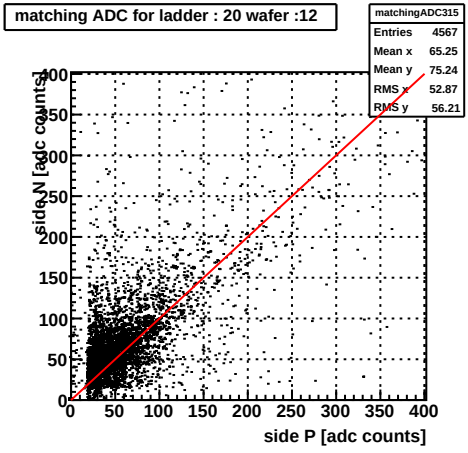

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 3716
Mean x 75.81
Mean y 89.12
RMS x 57.19
RMS y 64.77
side N [adc counts]
side P [adc counts]

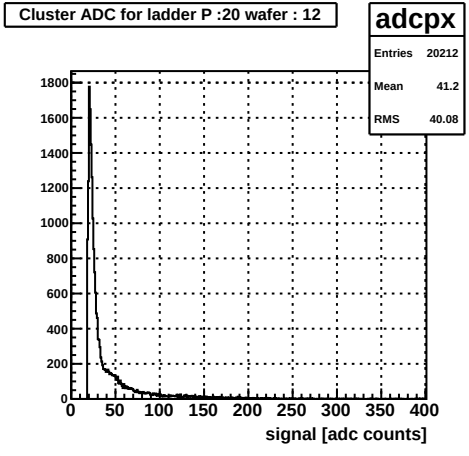

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 8267
Mean 51.18
RMS 41.71
signal [adc counts]

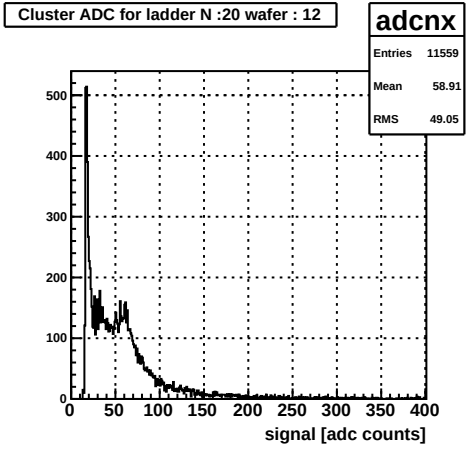

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 12576
Mean 62.3
RMS 54.16
signal [adc counts]

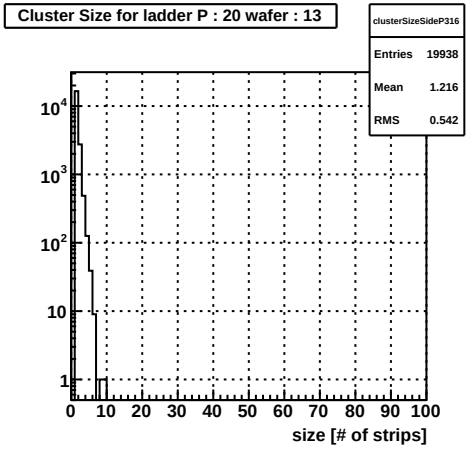

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 20212
Mean 1.257
RMS 0.6538
size [# of strips]

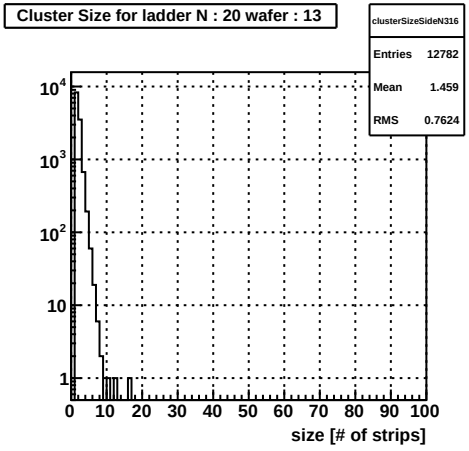

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 11559
Mean 1.627
RMS 0.8242
size [# of strips]

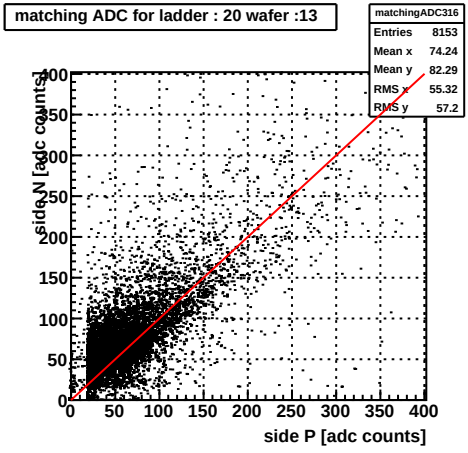

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 4567
Mean x 65.25
Mean y 75.24
RMS x 52.87
RMS y 56.21
side N [adc counts]
side P [adc counts]

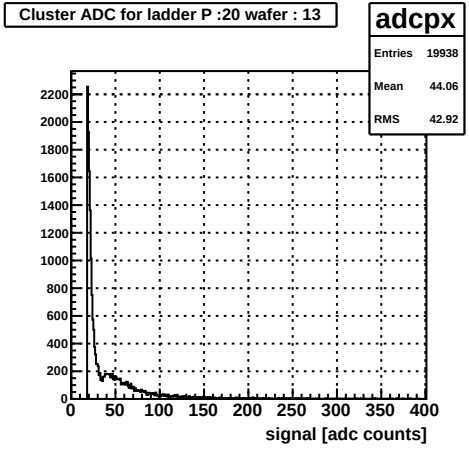

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 20212
Mean 41.2
RMS 40.08
signal [adc counts]

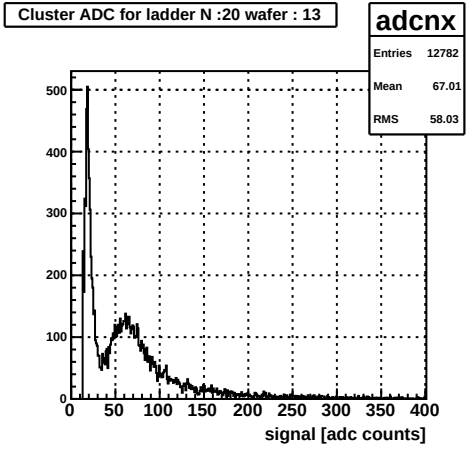

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 11559
Mean 58.91
RMS 49.05
signal [adc counts]

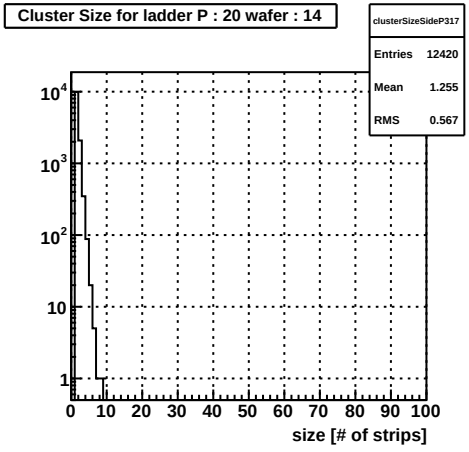

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 19938
Mean 1.216
RMS 0.542
size [# of strips]

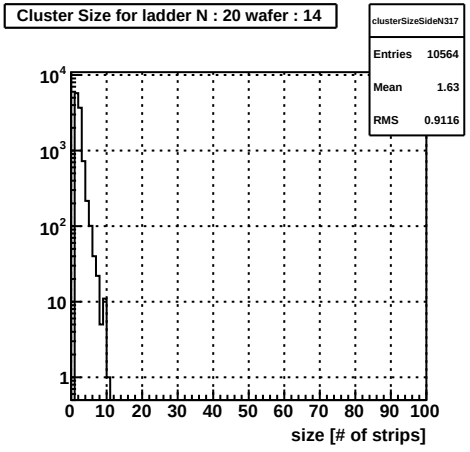

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 12782
Mean 1.459
RMS 0.7624
size [# of strips]

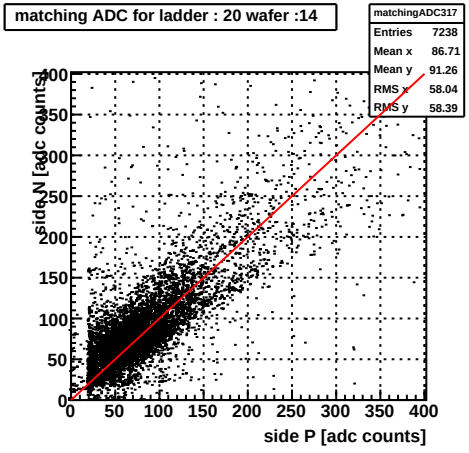

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 8153
Mean x 74.24
Mean y 82.29
RMS x 55.32
RMS y 57.2
side N [adc counts]
side P [adc counts]

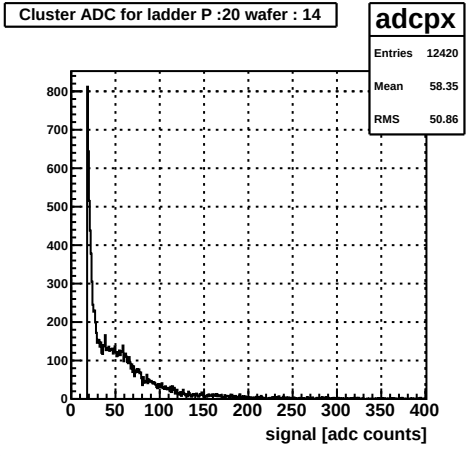

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 19938
Mean 44.06
RMS 42.92
signal [adc counts]

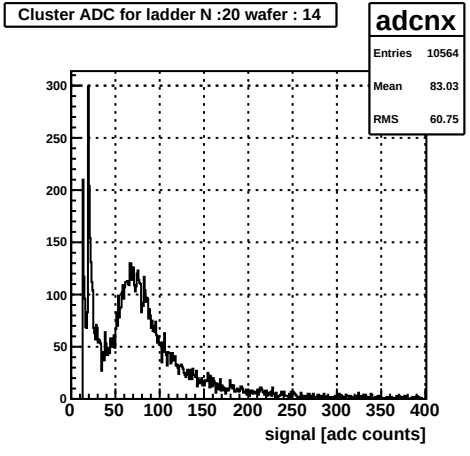

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 12782
Mean 67.01
RMS 58.03
signal [adc counts]

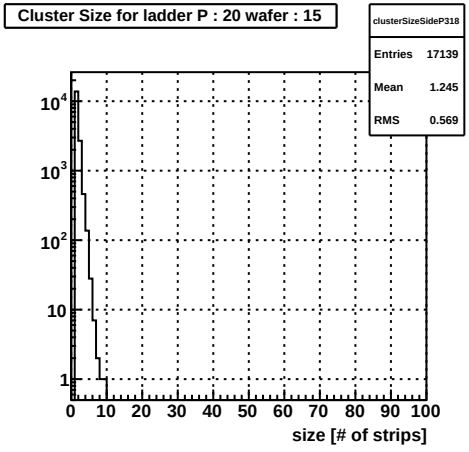

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 12420
Mean 1.255
RMS 0.567
size [# of strips]

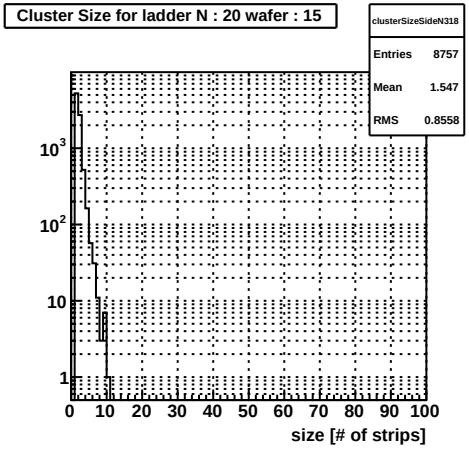

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 10564
Mean 1.63
RMS 0.9116
size [# of strips]

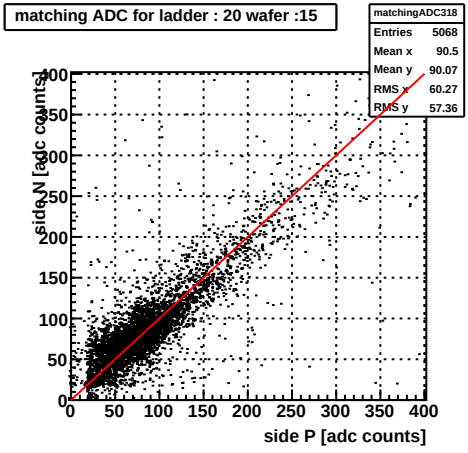

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 7238
Mean x 86.71
Mean y 91.26
RMS x 58.04
RMS y 58.39
side N [adc counts]
side P [adc counts]

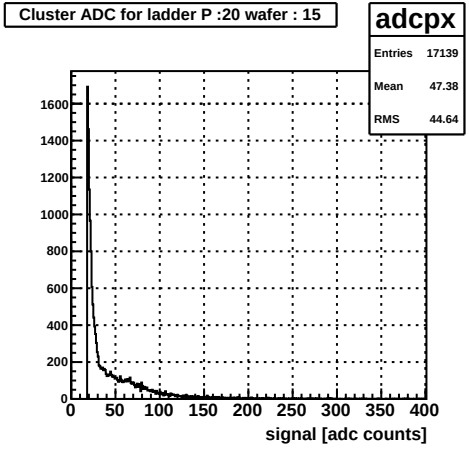

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 12420
Mean 58.35
RMS 50.86
signal [adc counts]

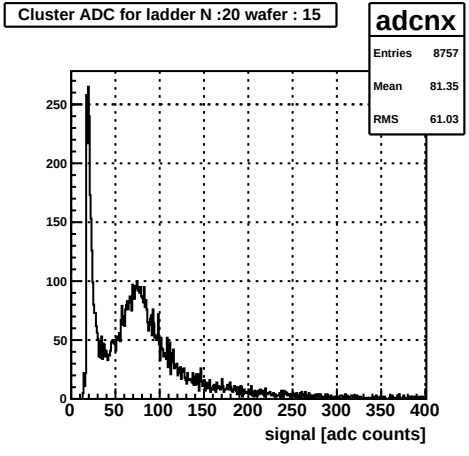

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 10564
Mean 83.03
RMS 60.75
signal [adc counts]

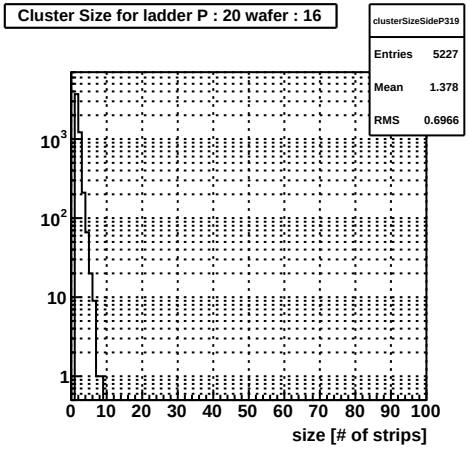

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 17139
Mean 1.245
RMS 0.569
size [# of strips]

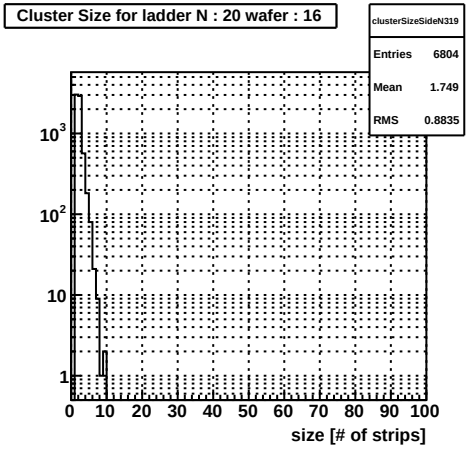

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 8757
Mean 1.547
RMS 0.8558
size [# of strips]

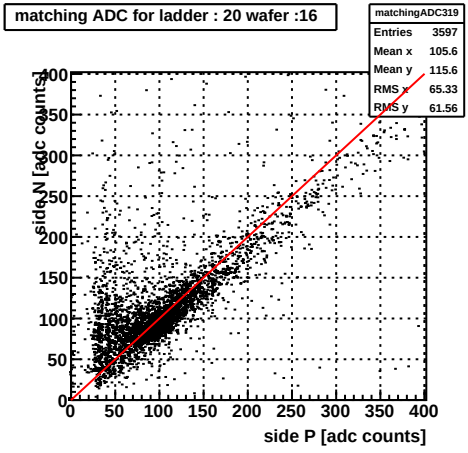

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 5068
Mean x 90.5
Mean y 90.07
RMS x 60.27
RMS y 57.36
side N [adc counts]
side P [adc counts]

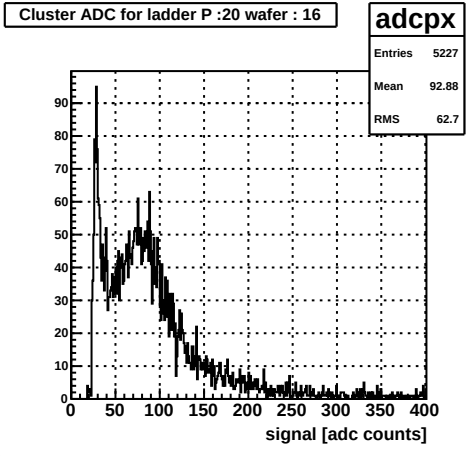

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 17139
Mean 47.38
RMS 44.64
signal [adc counts]

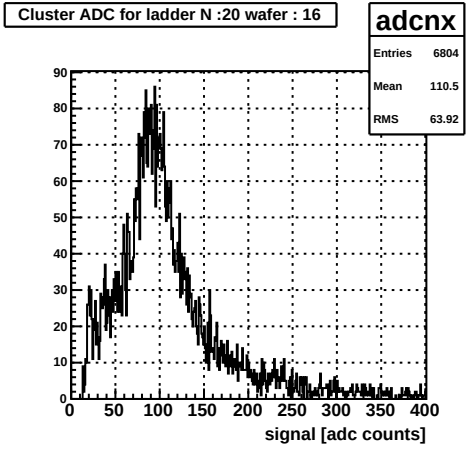

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 8757
Mean 81.35
RMS 61.03
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 5227
Mean 1.378
RMS 0.6966
size [# of strips]

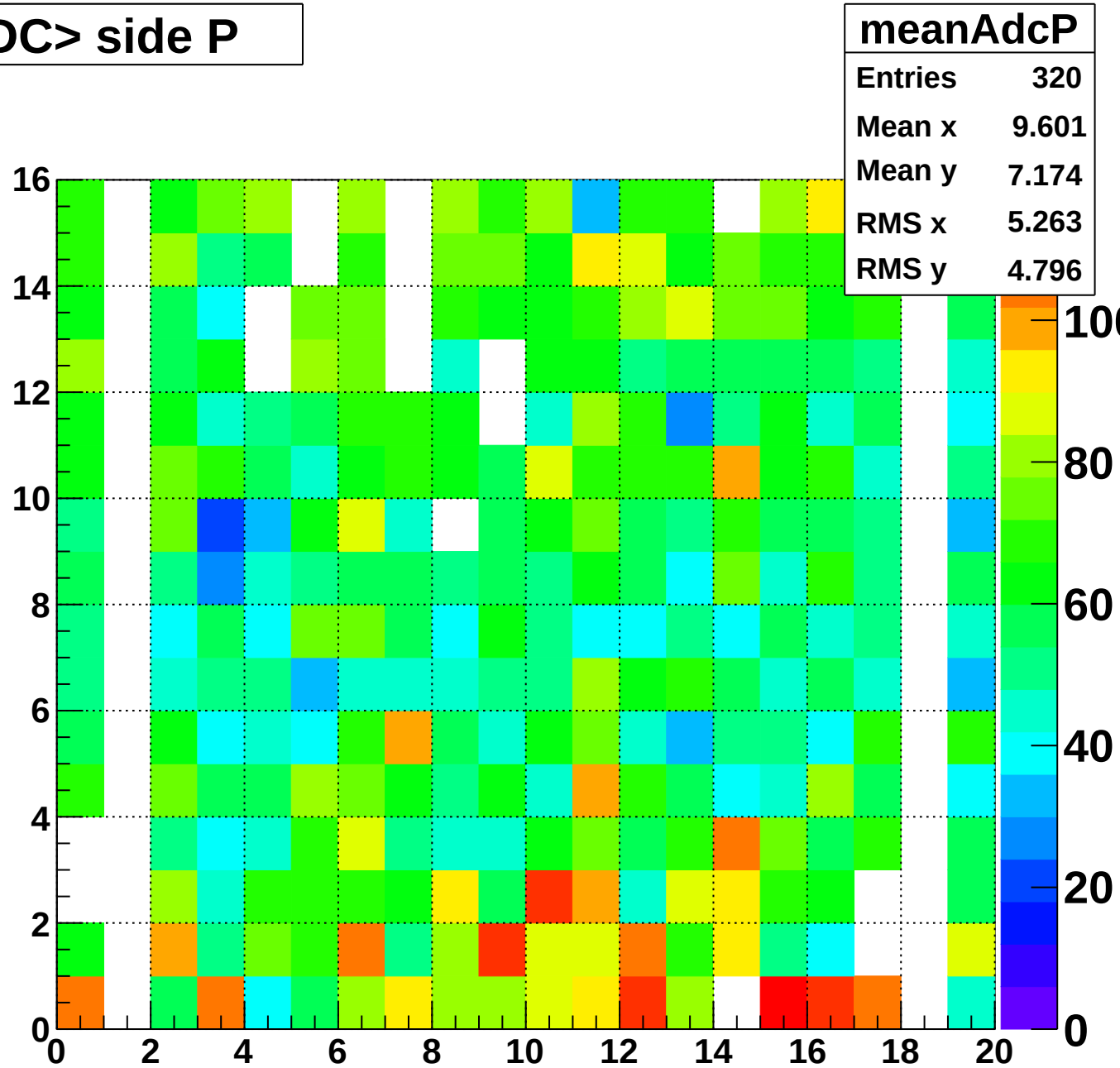

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 6804
Mean 1.749
RMS 0.8835
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 3597
Mean x 105.6
Mean y 115.6
RMS x 65.33
RMS y 61.56
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 5227
Mean 92.88
RMS 62.7
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 6804
Mean 110.5
RMS 63.92
signal [adc counts]

<ADC> side P



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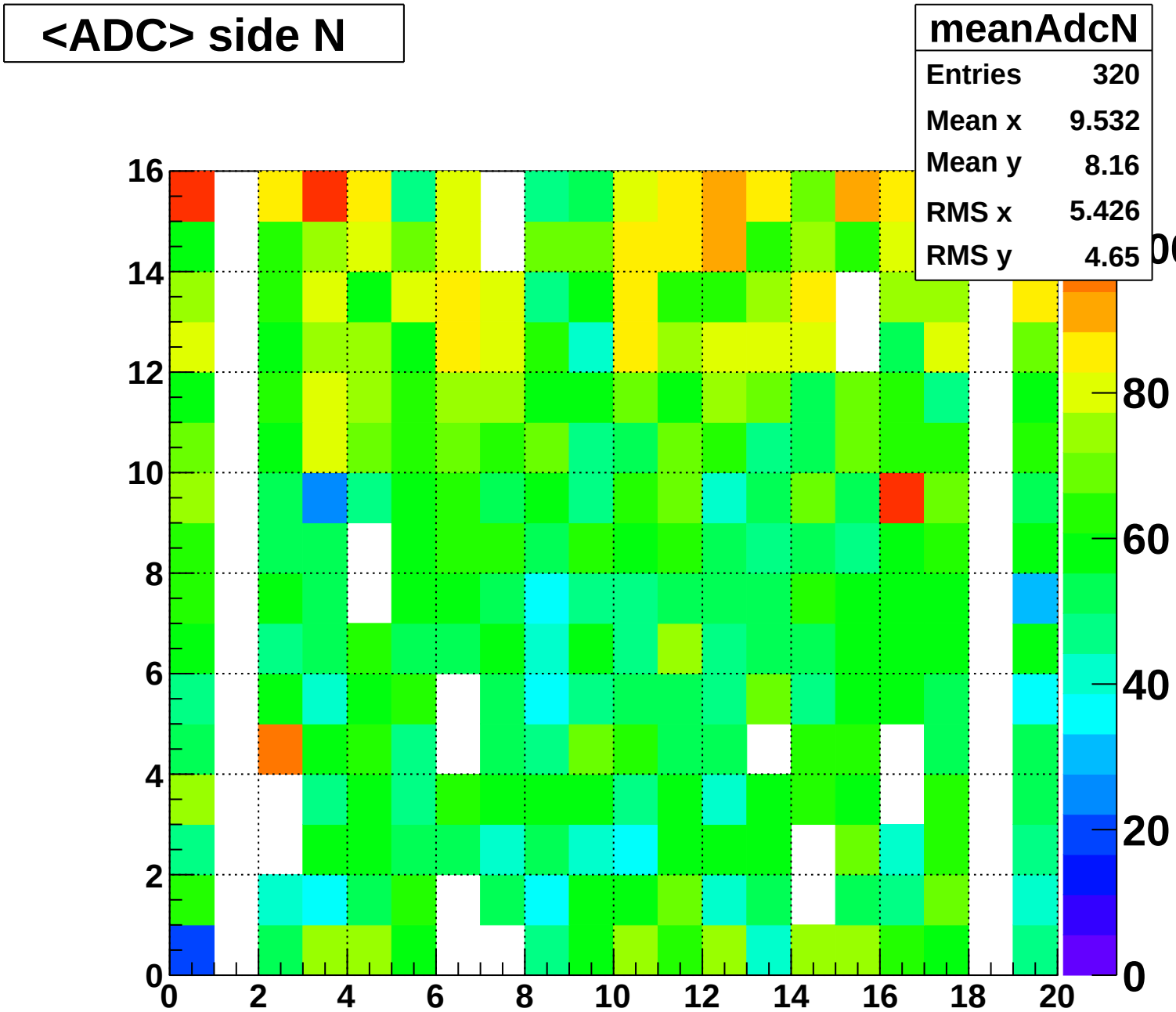

2016-06-26 04:39:40