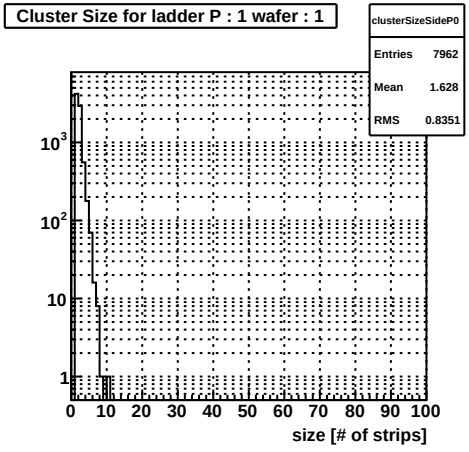
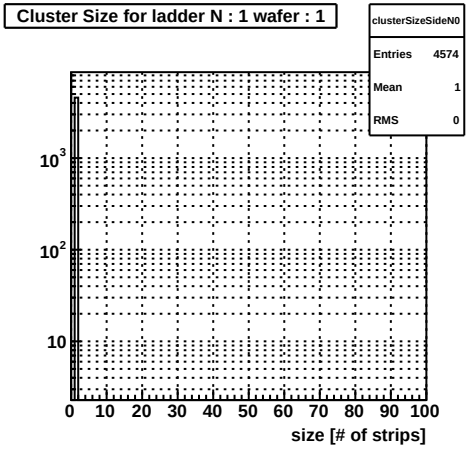
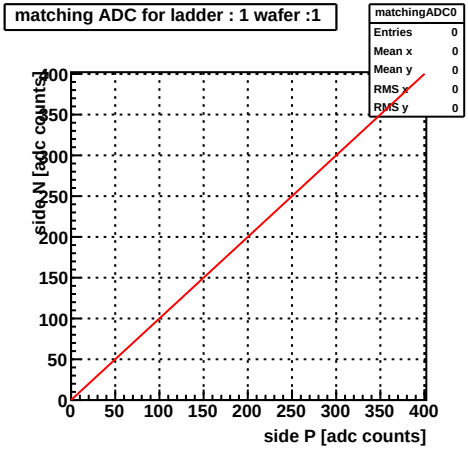
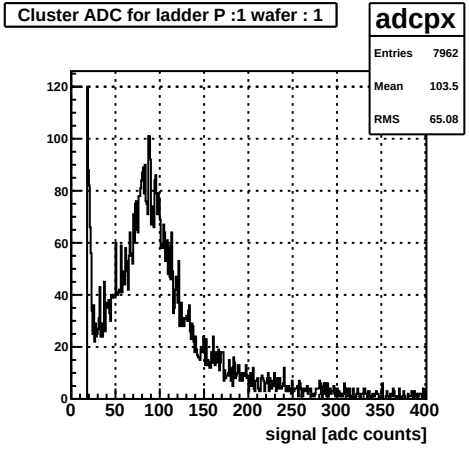
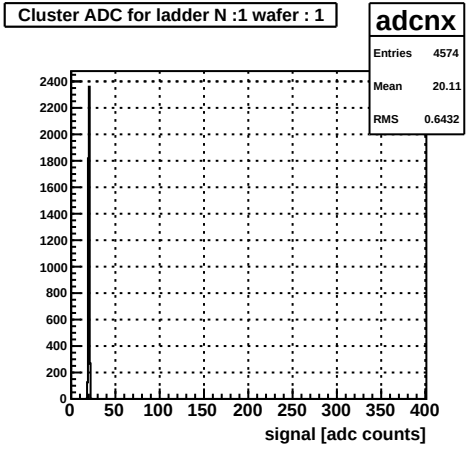
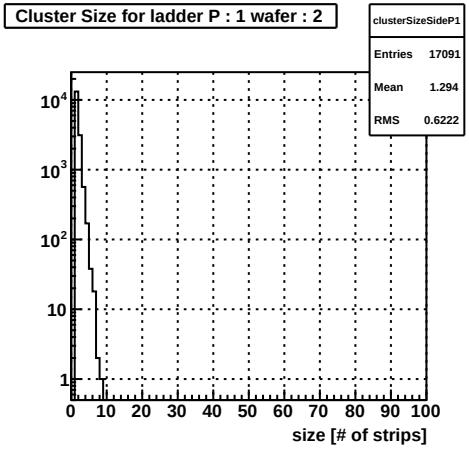

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 7962
Mean 1.628
RMS 0.8351
size [# of strips]

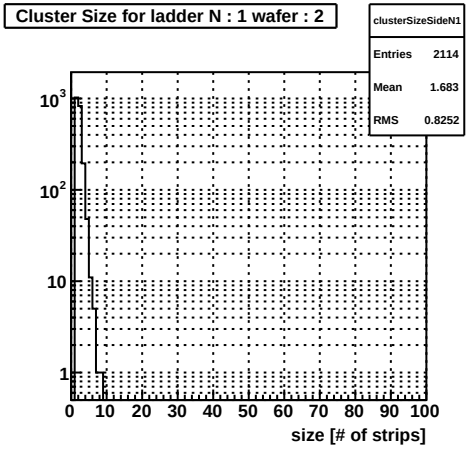

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 4574
Mean 1
RMS 0
size [# of strips]

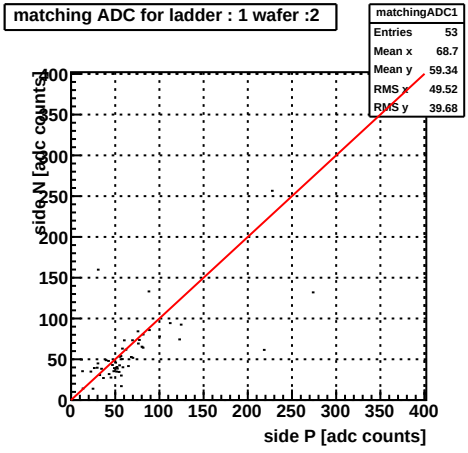

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

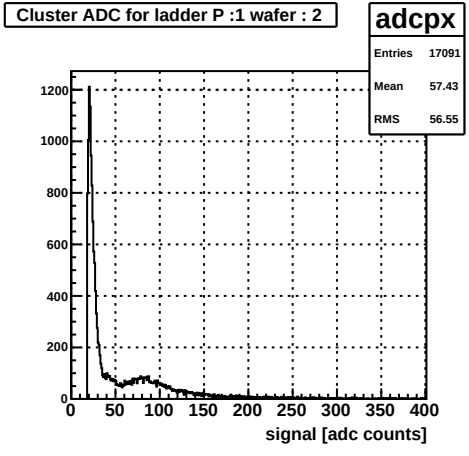

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 7962
Mean 103.5
RMS 65.08
signal [adc counts]

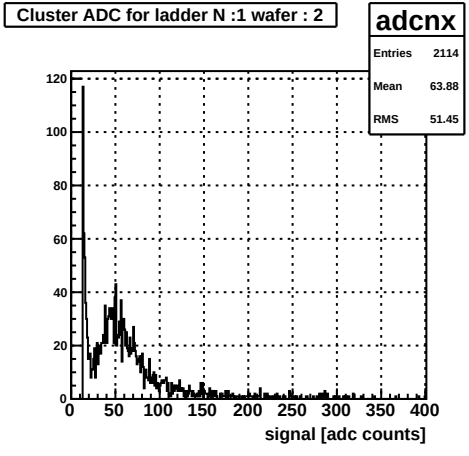

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 4574
Mean 20.11
RMS 0.6432
signal [adc counts]

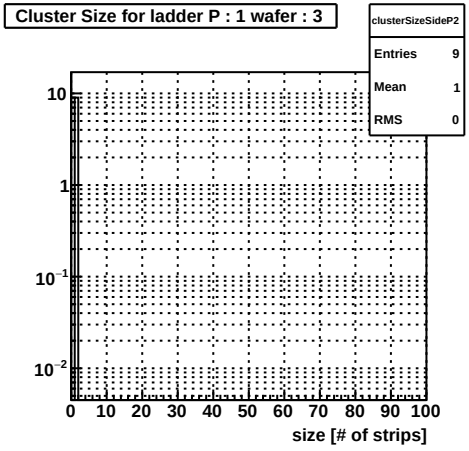

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 17091
Mean 1.294
RMS 0.6222
size [# of strips]

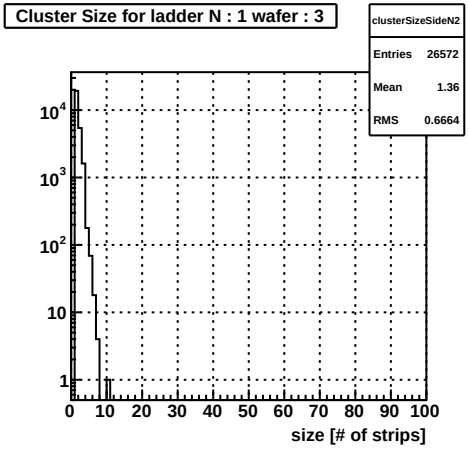

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 2114
Mean 1.683
RMS 0.8252
size [# of strips]

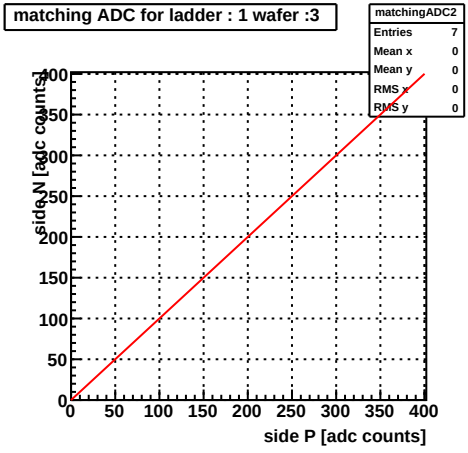

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 53
Mean x 68.7
Mean y 59.34
RMS x 49.52
RMS y 39.68
side N [adc counts]
side P [adc counts]

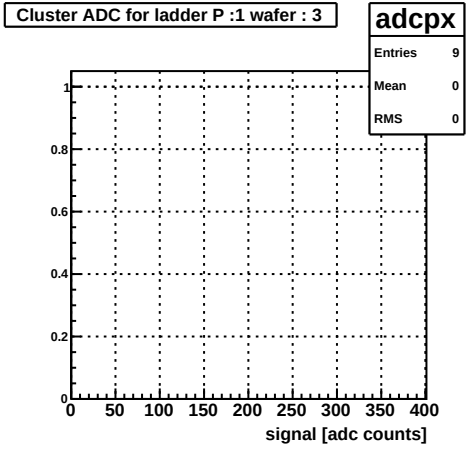

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 17091
Mean 57.43
RMS 56.55
signal [adc counts]

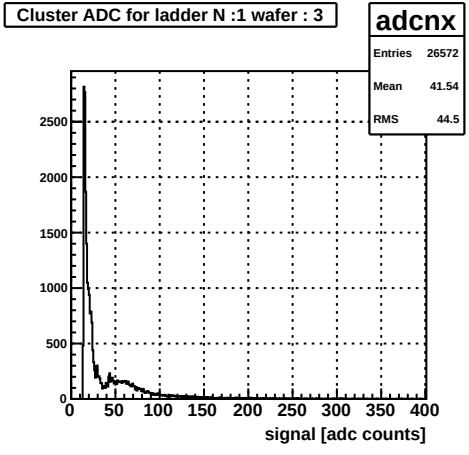

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 2114
Mean 63.88
RMS 51.45
signal [adc counts]

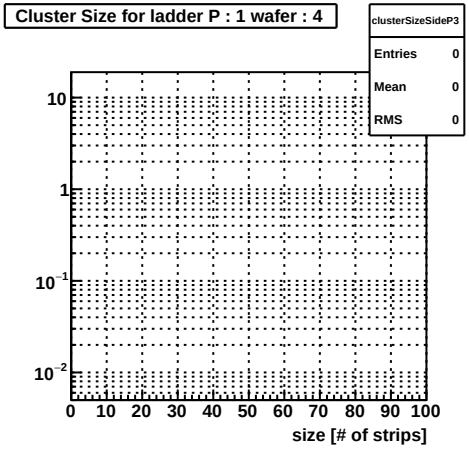

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 9
Mean 1
RMS 0
size [# of strips]

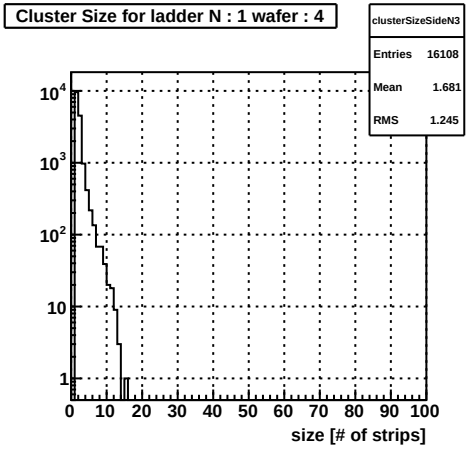

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 26572
Mean 1.36
RMS 0.6664
size [# of strips]

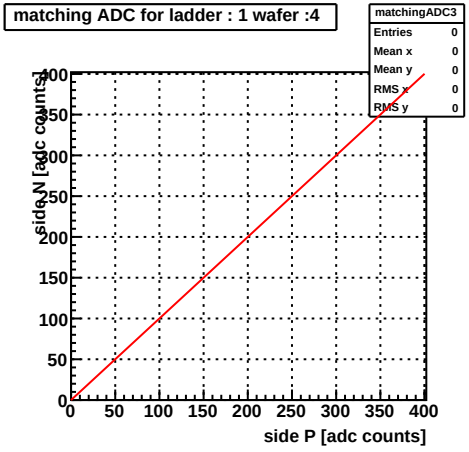

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

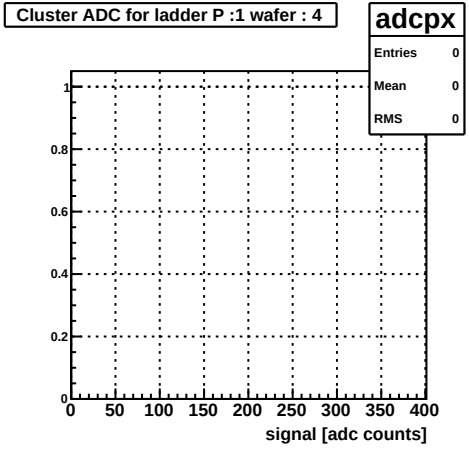

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

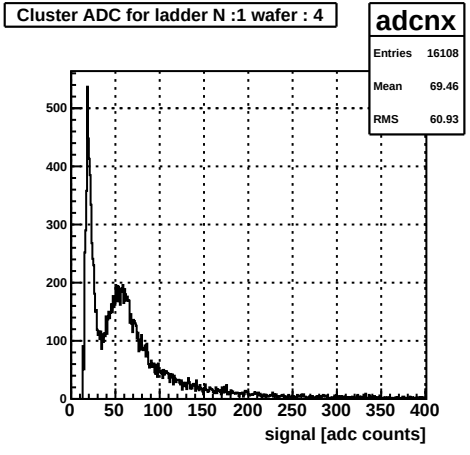

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 26572
Mean 41.54
RMS 44.5
signal [adc counts]

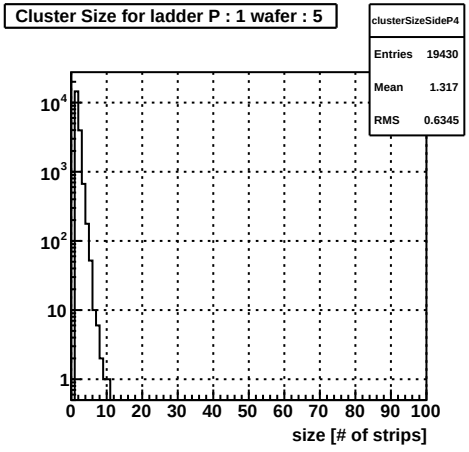

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

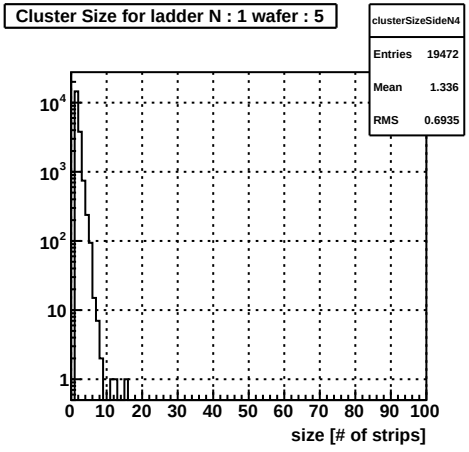

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 16108
Mean 1.681
RMS 1.245
size [# of strips]

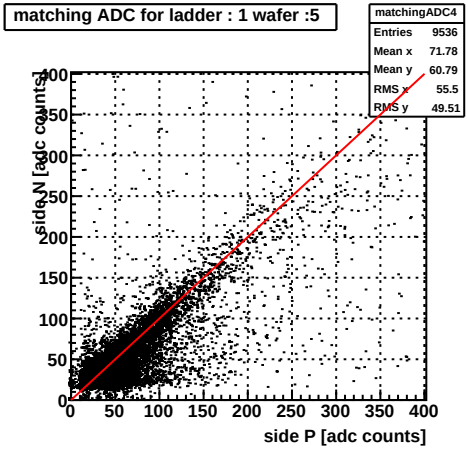

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

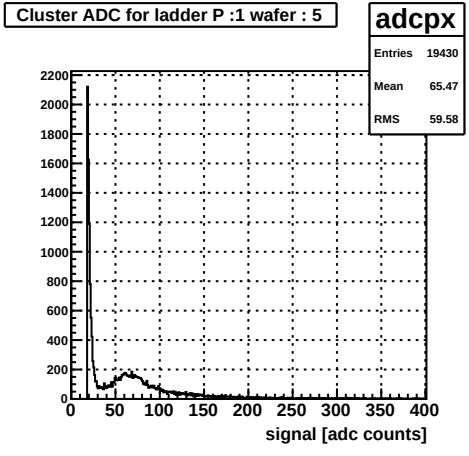

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

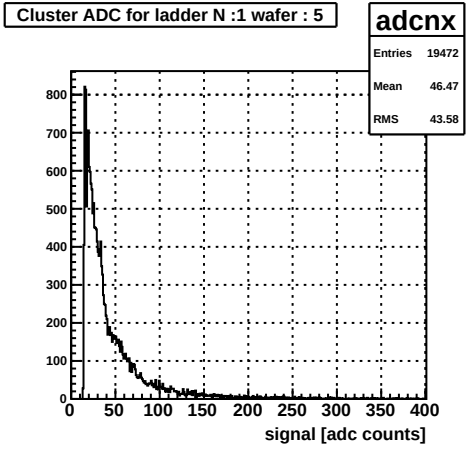

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 16108
Mean 69.46
RMS 60.93
signal [adc counts]

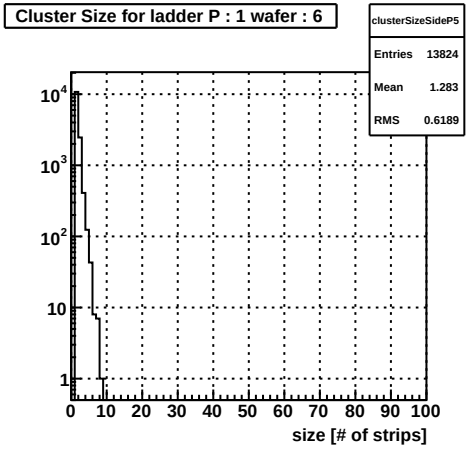

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 19430
Mean 1.317
RMS 0.6345
size [# of strips]

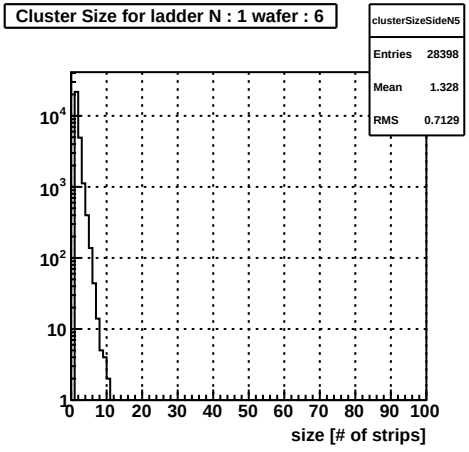

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 19472
Mean 1.336
RMS 0.6935
size [# of strips]

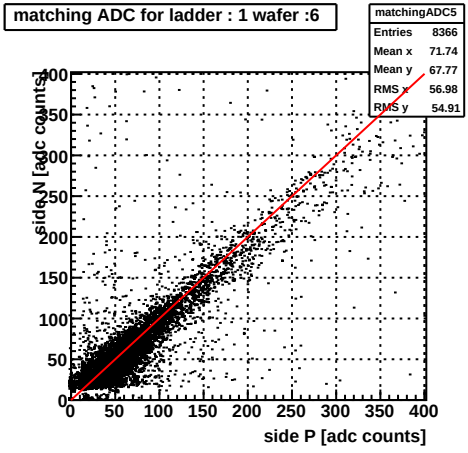

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 9536
Mean x 71.78
Mean y 60.79
RMS x 55.5
RMS y 49.51
side N [adc counts]
side P [adc counts]

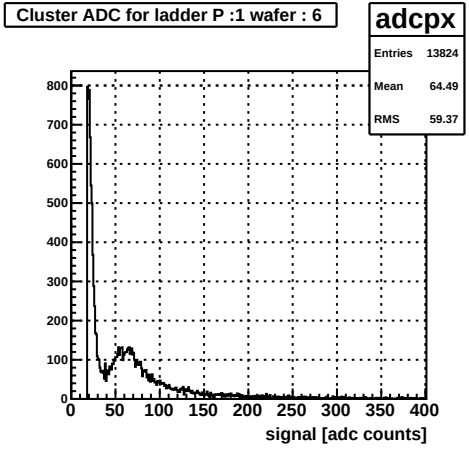

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 19430
Mean 65.47
RMS 59.58
signal [adc counts]

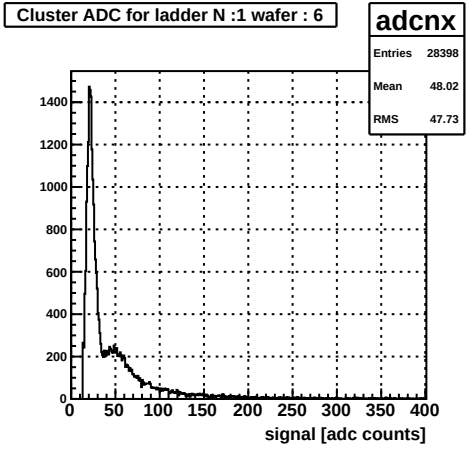

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 19472
Mean 46.47
RMS 43.58
signal [adc counts]

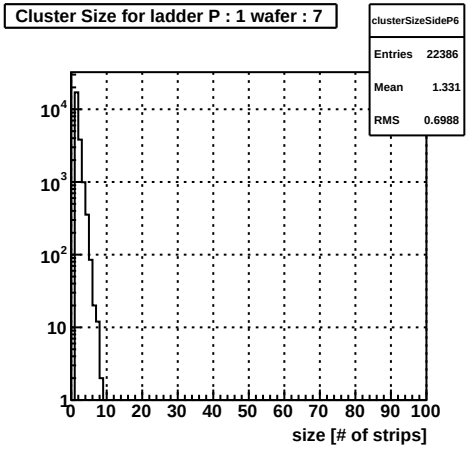

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 13824
Mean 1.283
RMS 0.6189
size [# of strips]

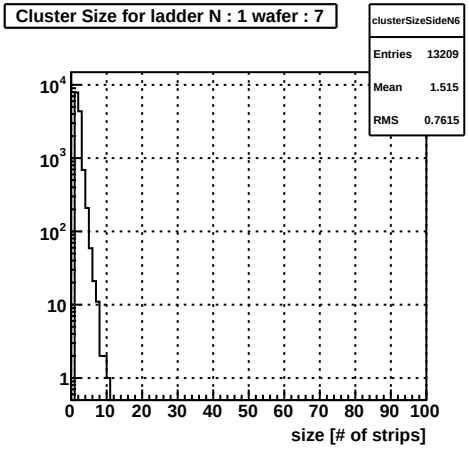

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 28398
Mean 1.328
RMS 0.7129
size [# of strips]

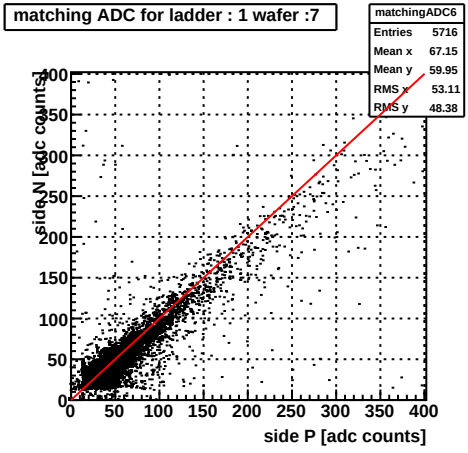

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 8366
Mean x 71.74
Mean y 67.77
RMS x 56.98
RMS y 54.91
side N [adc counts]
side P [adc counts]

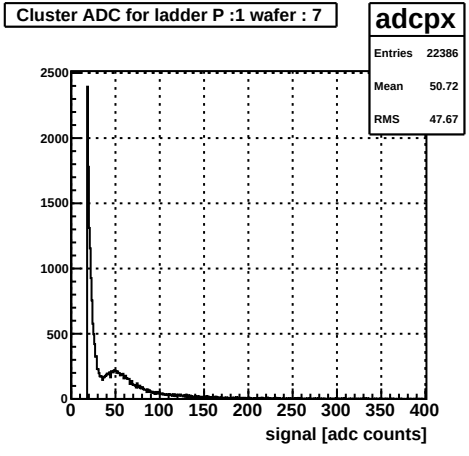

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 13824
Mean 64.49
RMS 59.37
signal [adc counts]

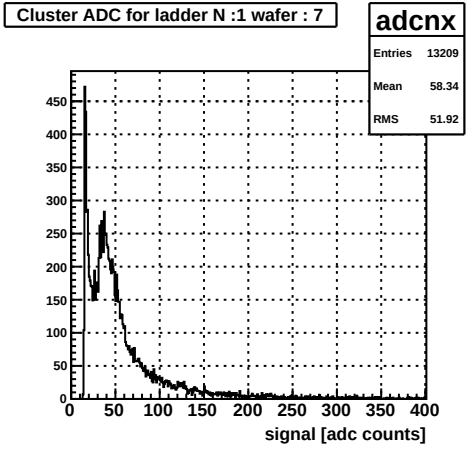

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 28398
Mean 48.02
RMS 47.73
signal [adc counts]

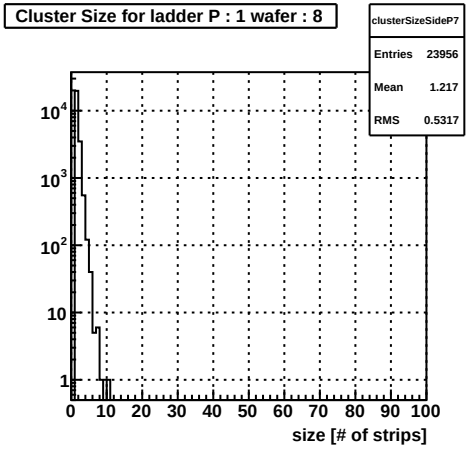

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 22386
Mean 1.331
RMS 0.6988
size [# of strips]

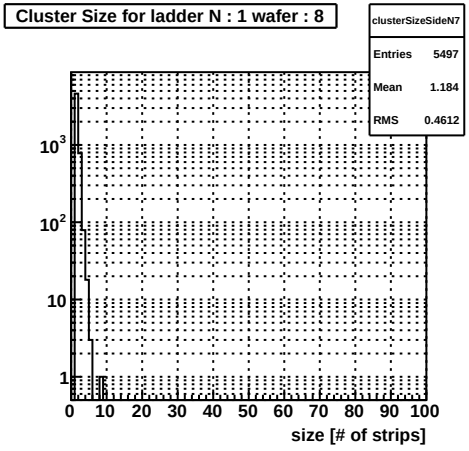

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 13209
Mean 1.515
RMS 0.7615
size [# of strips]

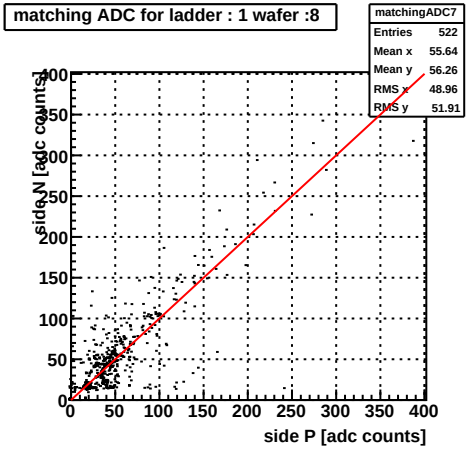

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 5716
Mean x 67.15
Mean y 59.95
RMS x 53.11
RMS y 48.38
side N [adc counts]
side P [adc counts]

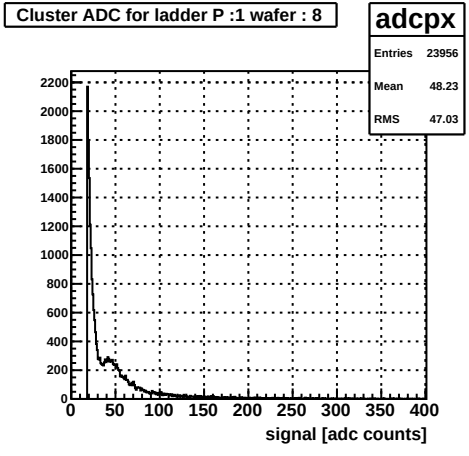

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 22386
Mean 50.72
RMS 47.67
signal [adc counts]

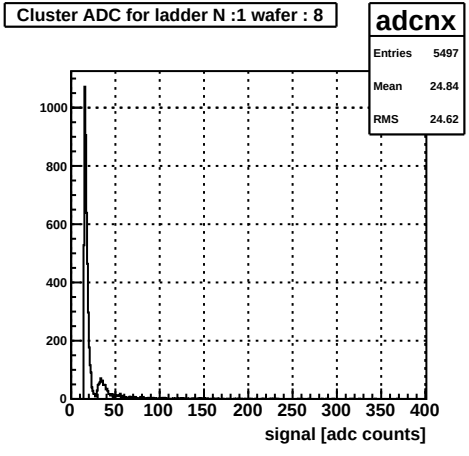

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 13209
Mean 58.34
RMS 51.92
signal [adc counts]

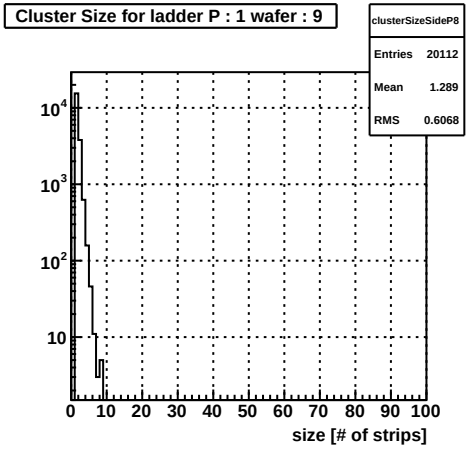

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 23956
Mean 1.217
RMS 0.5317
size [# of strips]

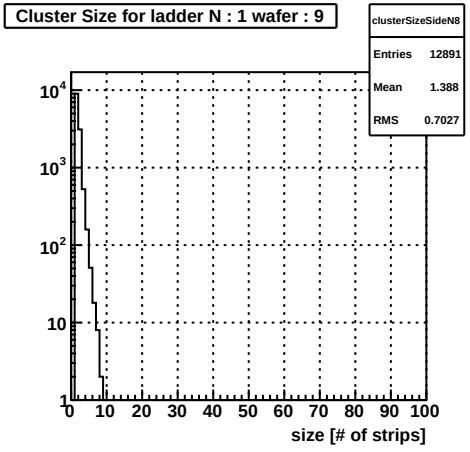

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 5497
Mean 1.184
RMS 0.4612
size [# of strips]

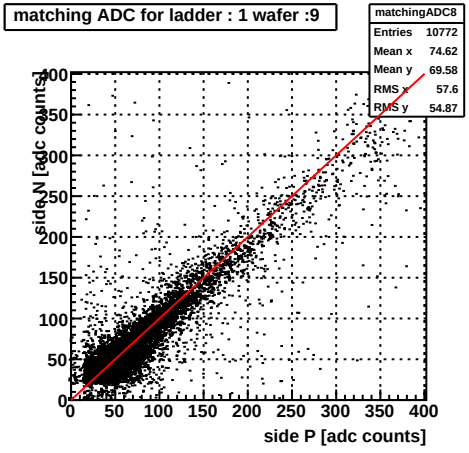

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 522
Mean x 55.64
Mean y 56.26
RMS x 48.96
RMS y 51.91
side N [adc counts]
side P [adc counts]

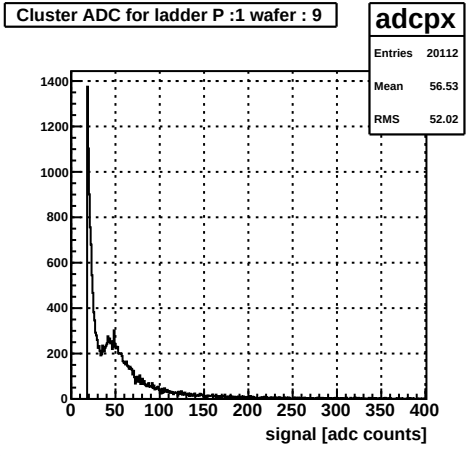

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 23956
Mean 48.23
RMS 47.03
signal [adc counts]

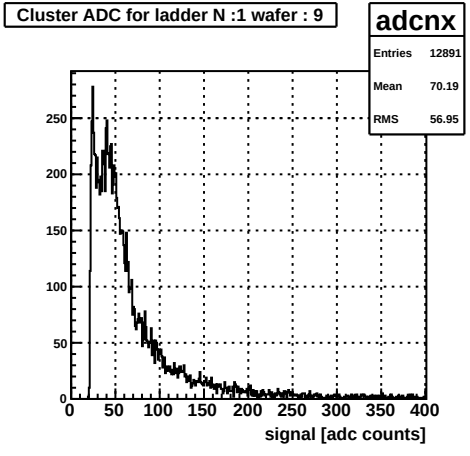

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 5497
Mean 24.84
RMS 24.62
signal [adc counts]

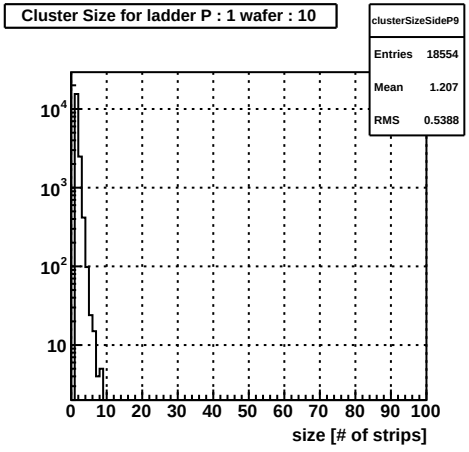

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 20112
Mean 1.289
RMS 0.6068
size [# of strips]

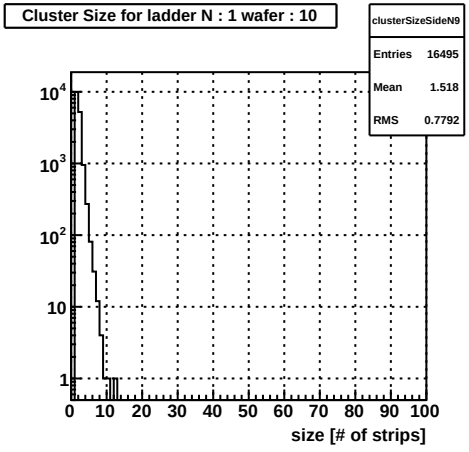

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 12891
Mean 1.388
RMS 0.7027
size [# of strips]

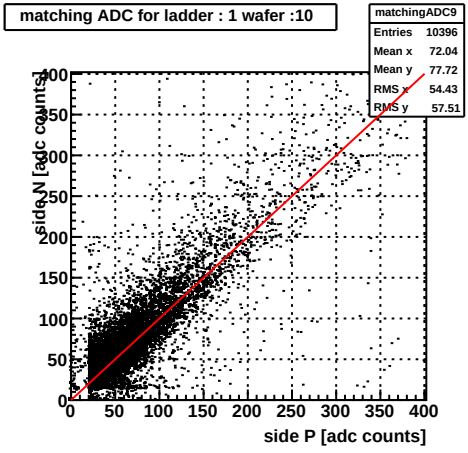

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 10772
Mean x 74.62
Mean y 69.58
RMS x 57.6
RMS y 54.87
side N [adc counts]
side P [adc counts]

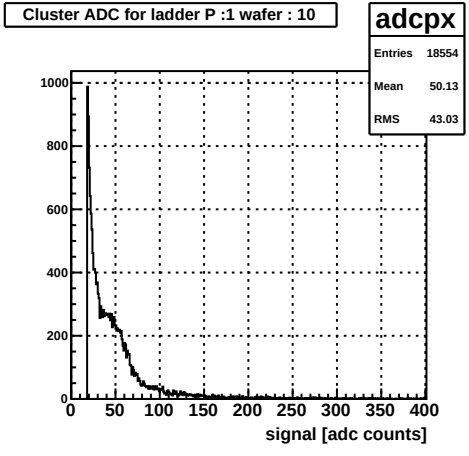

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 20112
Mean 56.53
RMS 52.02
signal [adc counts]

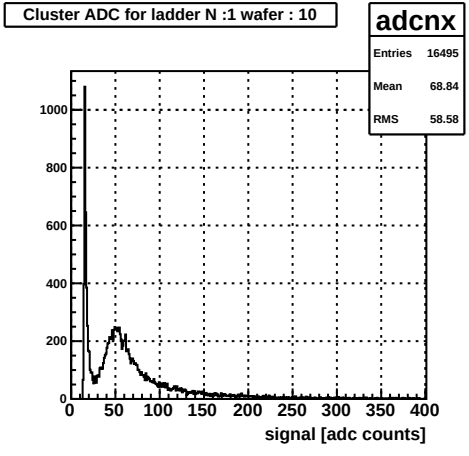

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 12891
Mean 70.19
RMS 56.95
signal [adc counts]

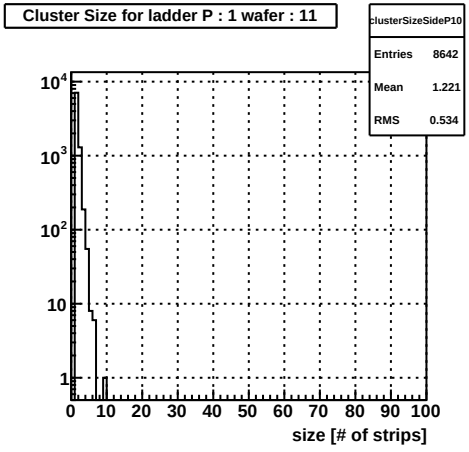

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 18554
Mean 1.207
RMS 0.5388
size [# of strips]

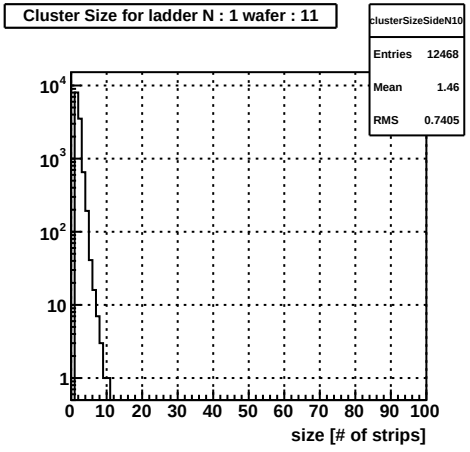

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 16495
Mean 1.518
RMS 0.7792
size [# of strips]

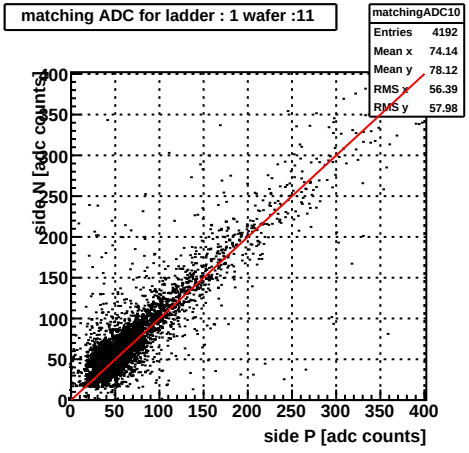

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 10396
Mean x 72.04
Mean y 77.72
RMS x 54.43
RMS y 57.51
side N [adc counts]
side P [adc counts]

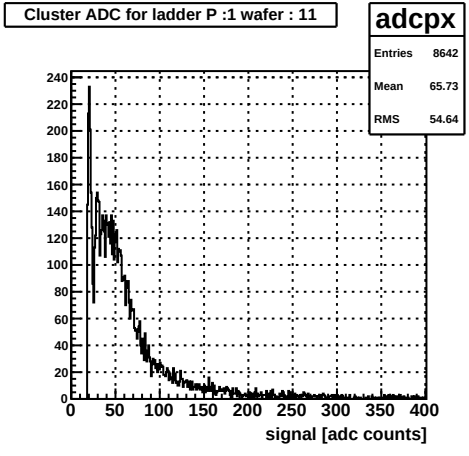

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 18554
Mean 50.13
RMS 43.03
signal [adc counts]

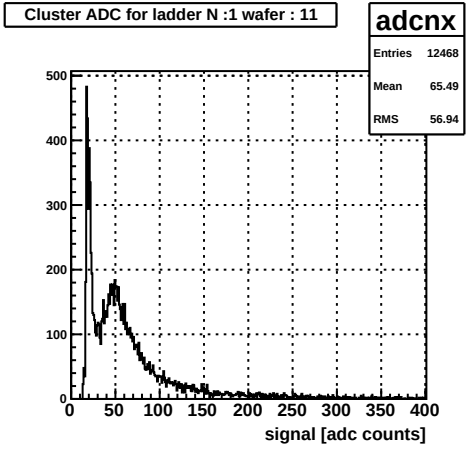

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 16495
Mean 68.84
RMS 58.58
signal [adc counts]

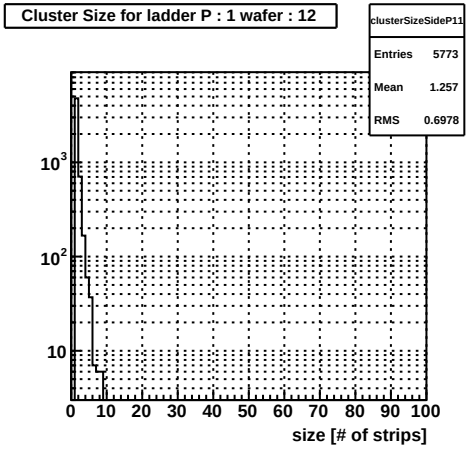

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 8642
Mean 1.221
RMS 0.534
size [# of strips]

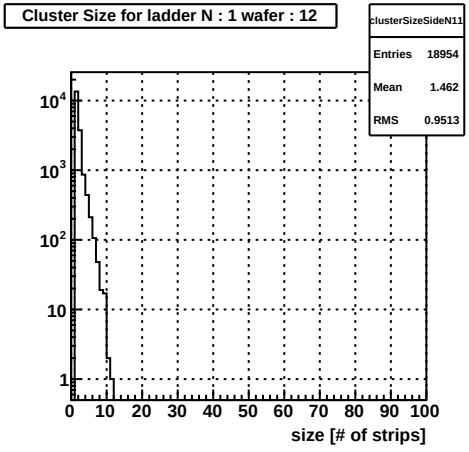

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 12468
Mean 1.46
RMS 0.7405
size [# of strips]

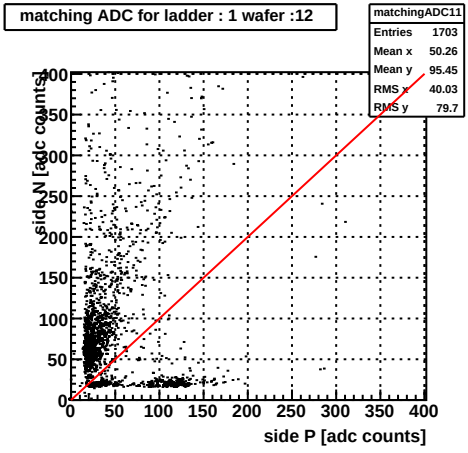

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 4192
Mean x 74.14
Mean y 78.12
RMS x 56.39
RMS y 57.98
side N [adc counts]
side P [adc counts]

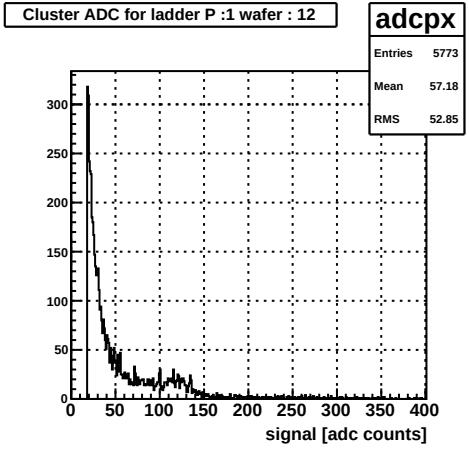

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 8642
Mean 65.73
RMS 54.64
signal [adc counts]

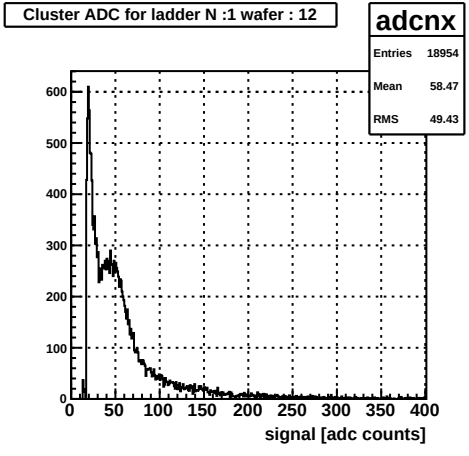

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 12468
Mean 65.49
RMS 56.94
signal [adc counts]

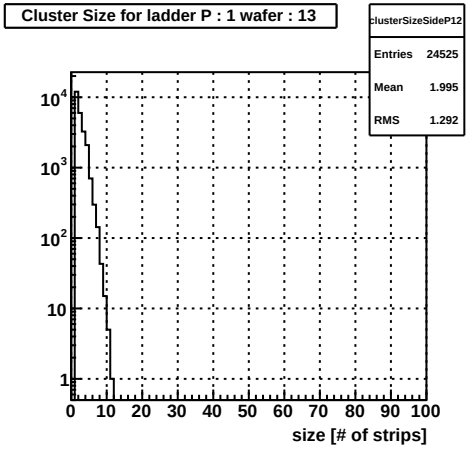

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 5773
Mean 1.257
RMS 0.6978
size [# of strips]

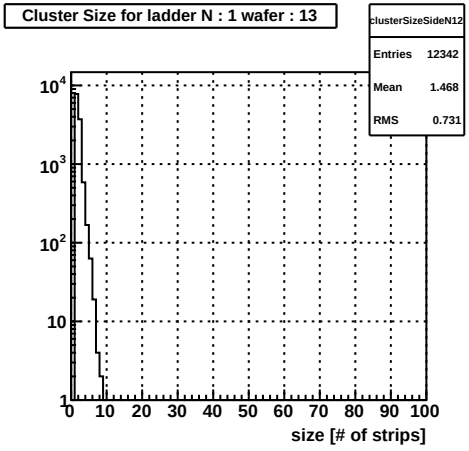

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 18954
Mean 1.462
RMS 0.9513
size [# of strips]

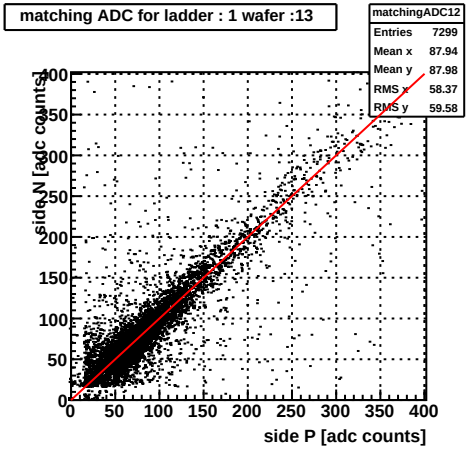

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1703
Mean x 50.26
Mean y 95.45
RMS x 40.03
RMS y 79.7
side N [adc counts]
side P [adc counts]

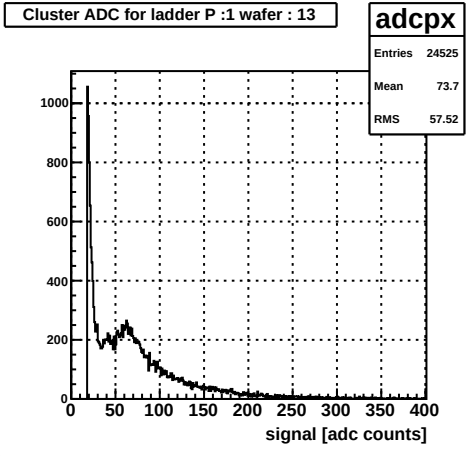

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 5773
Mean 57.18
RMS 52.85
signal [adc counts]

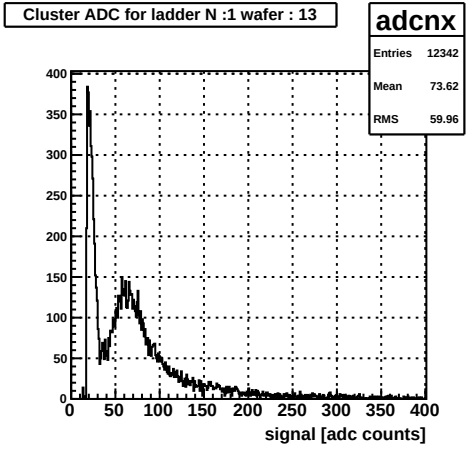

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 18954
Mean 58.47
RMS 49.43
signal [adc counts]

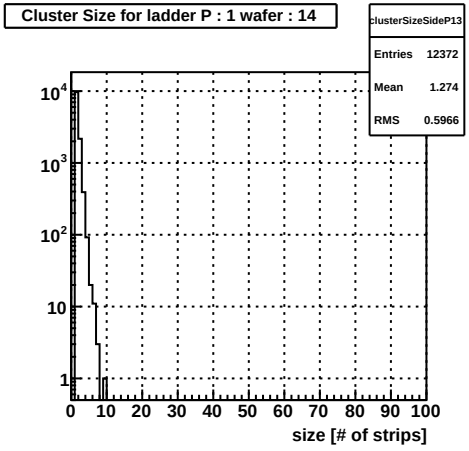

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 24525
Mean 1.995
RMS 1.292
size [# of strips]

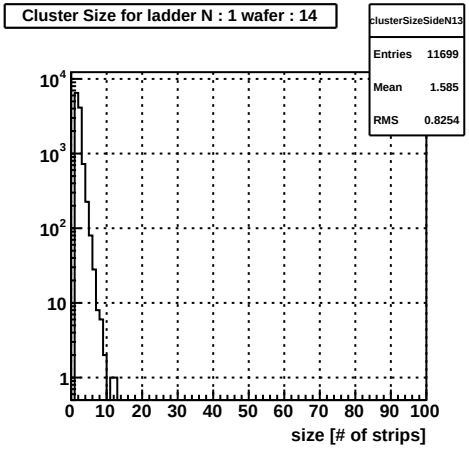

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 12342
Mean 1.468
RMS 0.731
size [# of strips]

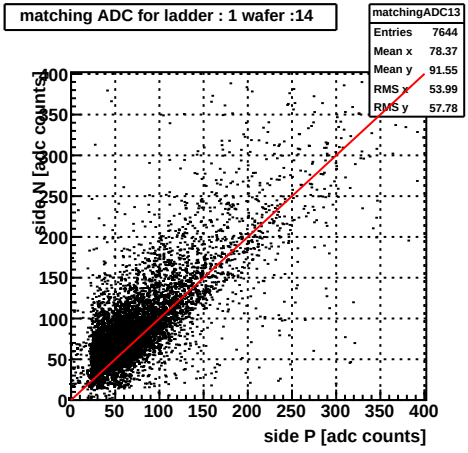

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 7299
Mean x 87.94
Mean y 87.98
RMS x 58.37
RMS y 59.58
side N [adc counts]
side P [adc counts]

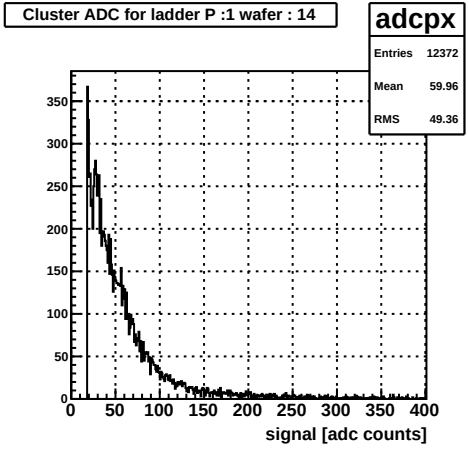

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 24525
Mean 73.7
RMS 57.52
signal [adc counts]

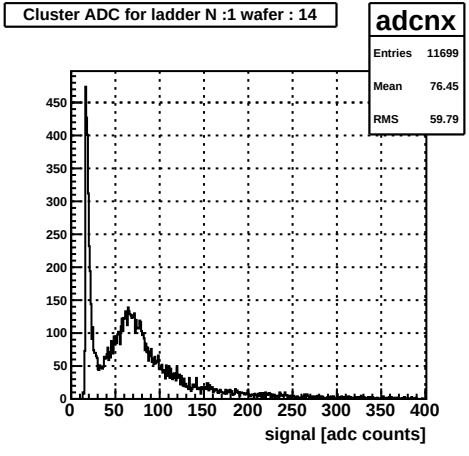

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 12342
Mean 73.62
RMS 59.96
signal [adc counts]

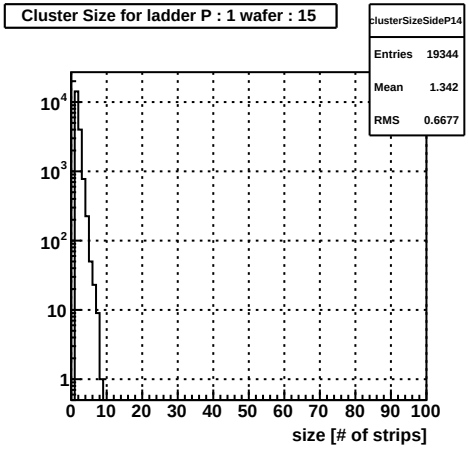

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 12372
Mean 1.274
RMS 0.5966
size [# of strips]

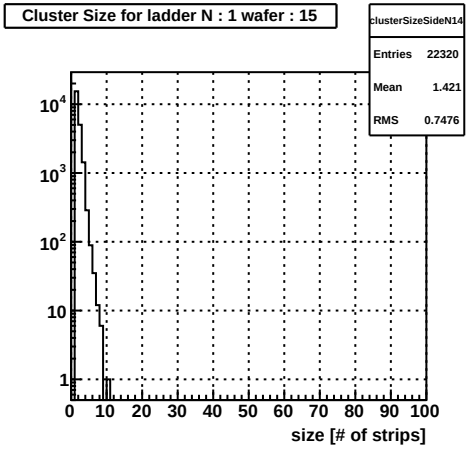

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 11699
Mean 1.585
RMS 0.8254
size [# of strips]

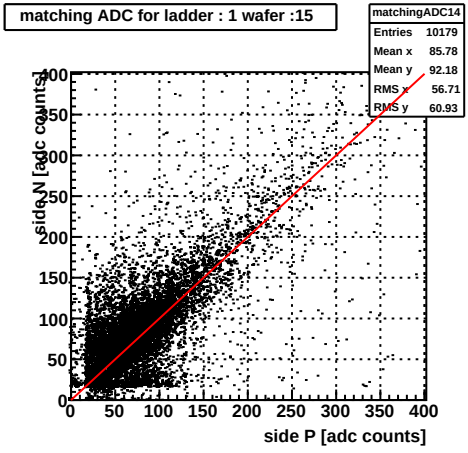

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 7644
Mean x 78.37
Mean y 91.55
RMS x 53.99
RMS y 57.78
side N [adc counts]
side P [adc counts]

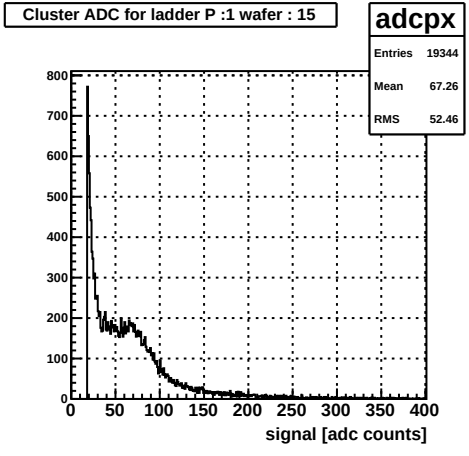

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 12372
Mean 59.96
RMS 49.36
signal [adc counts]

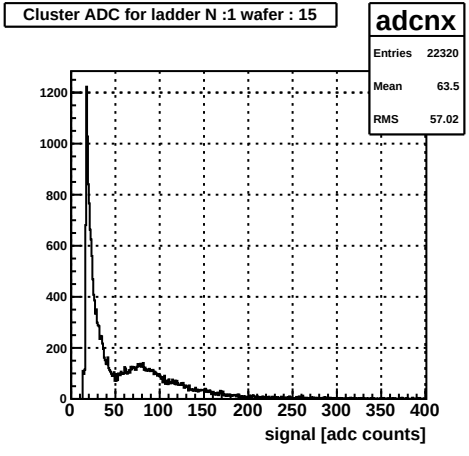

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 11699
Mean 76.45
RMS 59.79
signal [adc counts]

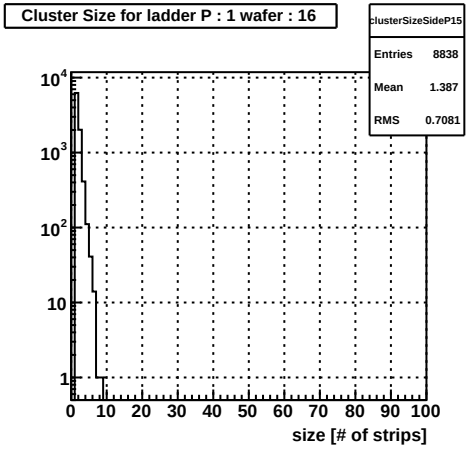

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 19344
Mean 1.342
RMS 0.6677
size [# of strips]

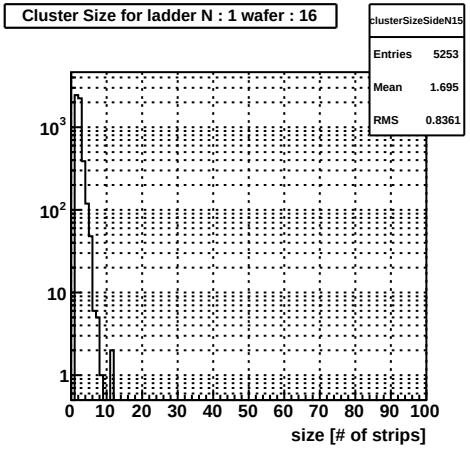

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 22320
Mean 1.421
RMS 0.7476
size [# of strips]

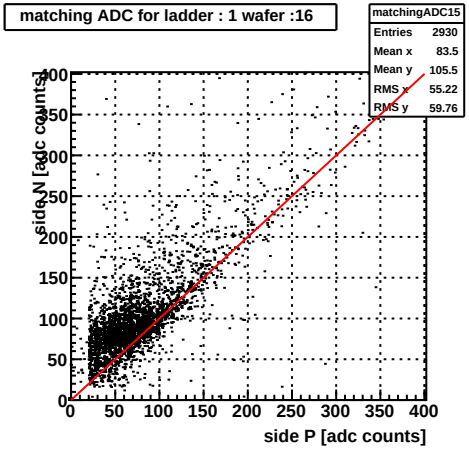

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 10179
Mean x 85.78
Mean y 92.18
RMS x 56.71
RMS y 60.93
side N [adc counts]
side P [adc counts]

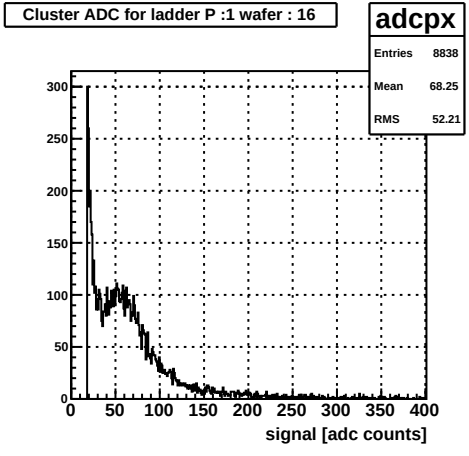

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 19344
Mean 67.26
RMS 52.46
signal [adc counts]

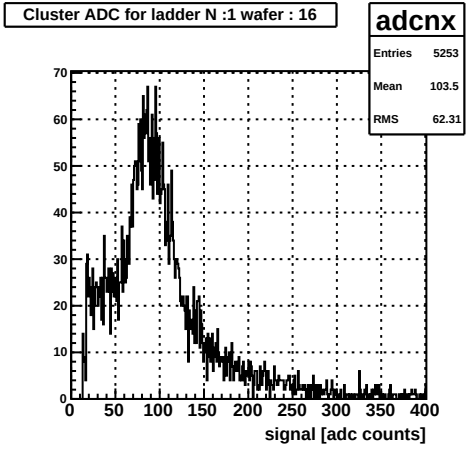

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 22320
Mean 63.5
RMS 57.02
signal [adc counts]

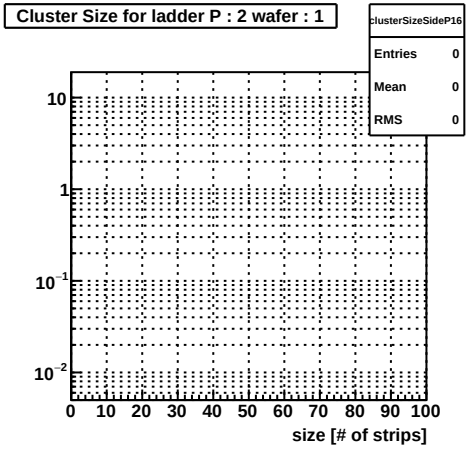

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 8838
Mean 1.387
RMS 0.7081
size [# of strips]

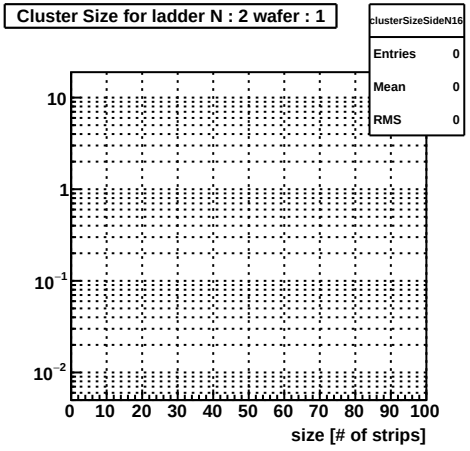

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 5253
Mean 1.695
RMS 0.8361
size [# of strips]

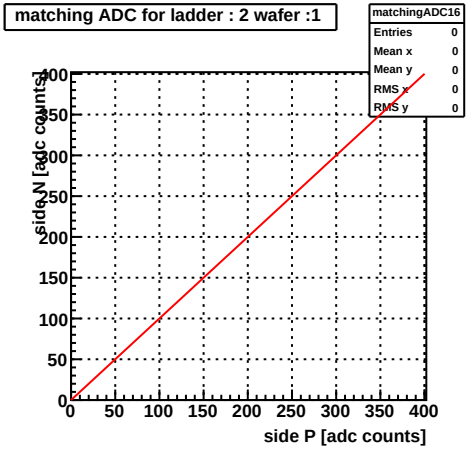

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 2930
Mean x 83.5
Mean y 105.5
RMS x 55.22
RMS y 59.76
side N [adc counts]
side P [adc counts]

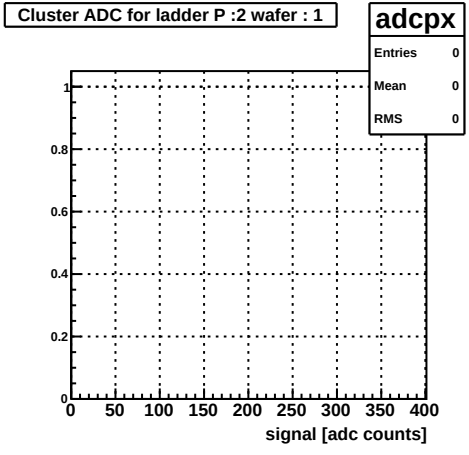

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 8838
Mean 68.25
RMS 52.21
signal [adc counts]

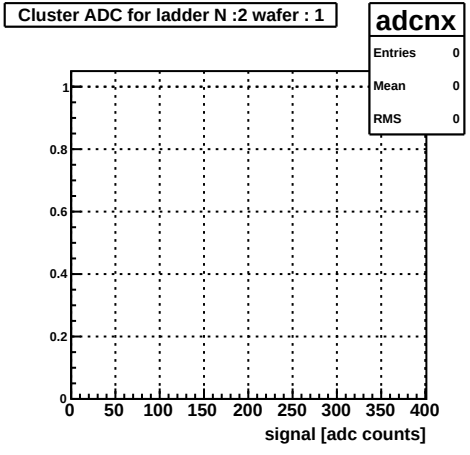

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 5253
Mean 103.5
RMS 62.31
signal [adc counts]

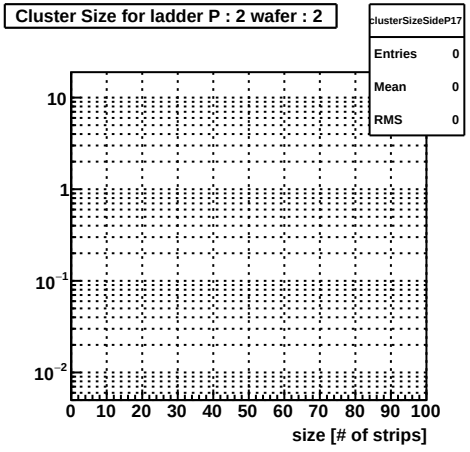

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

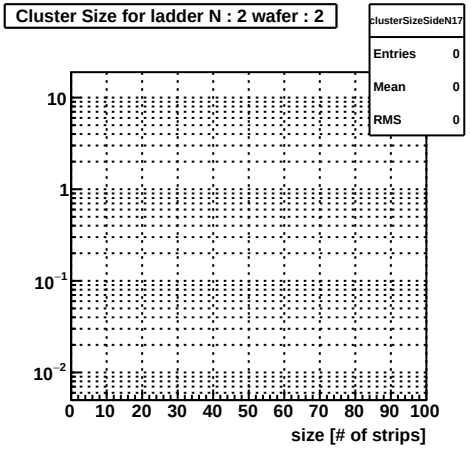

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

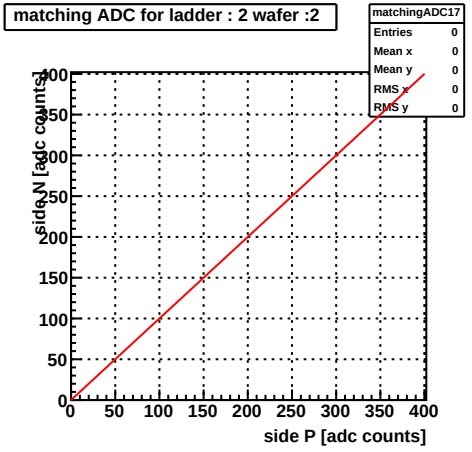

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

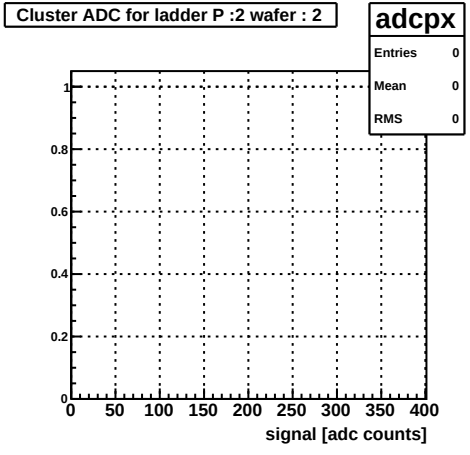

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

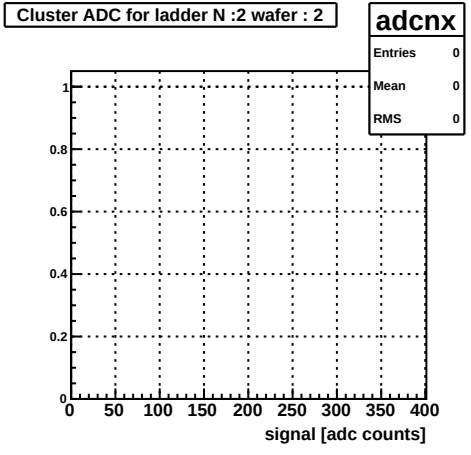

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

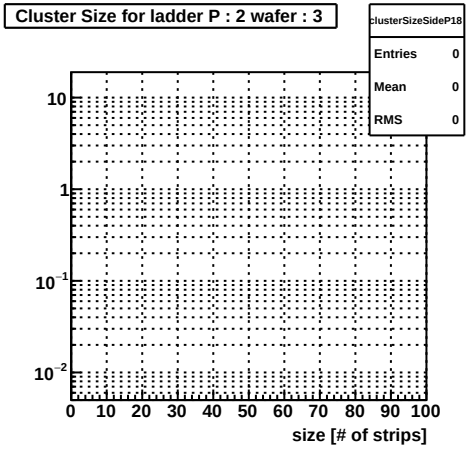

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

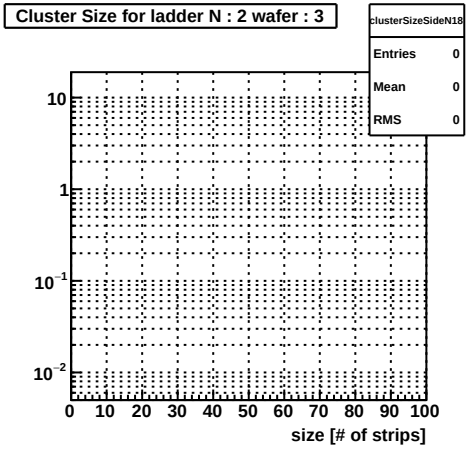

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

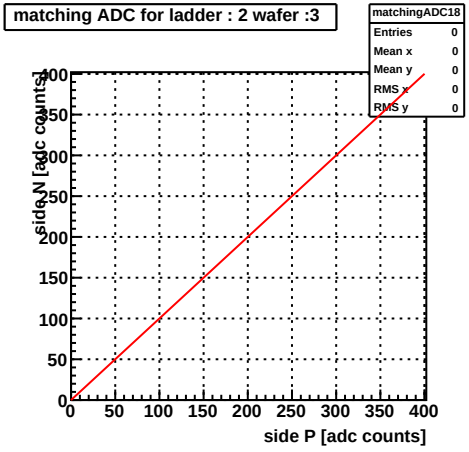

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

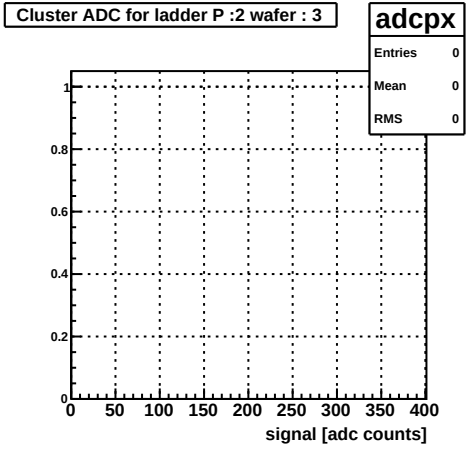

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

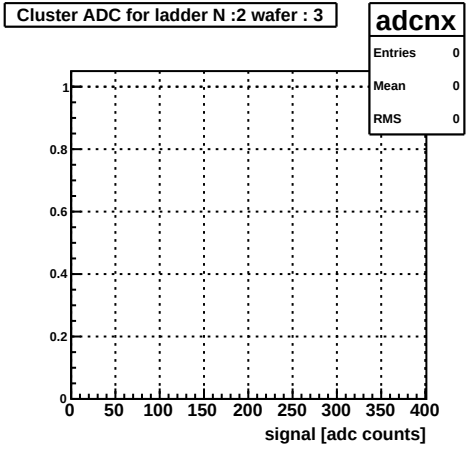

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

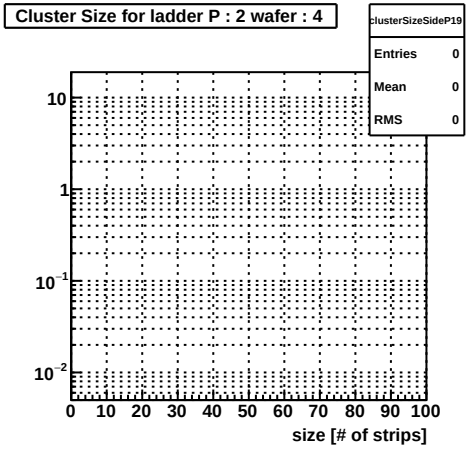

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

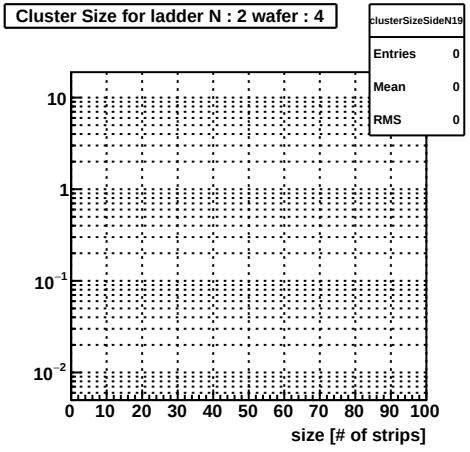

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

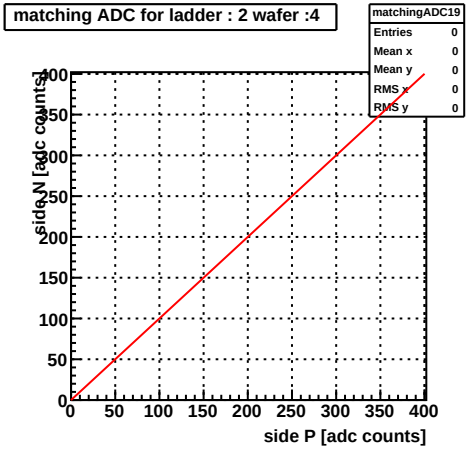

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

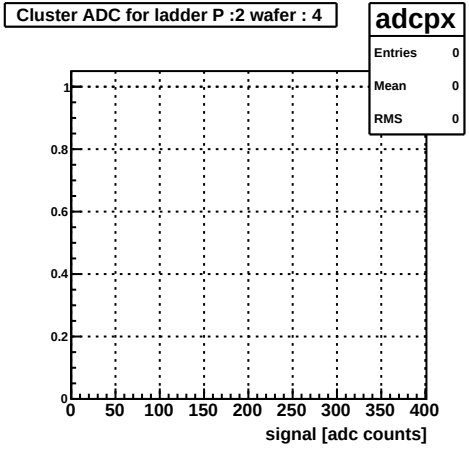

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

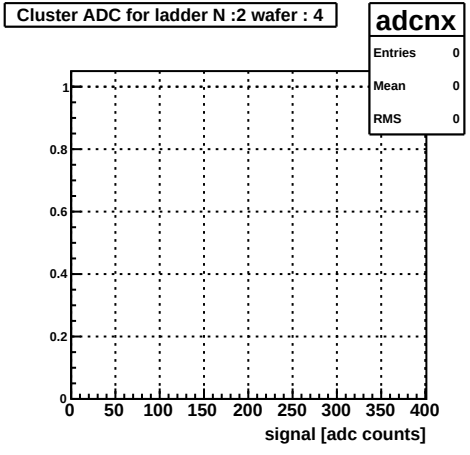

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

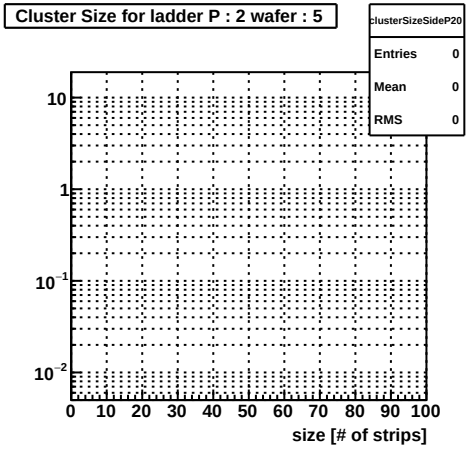

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

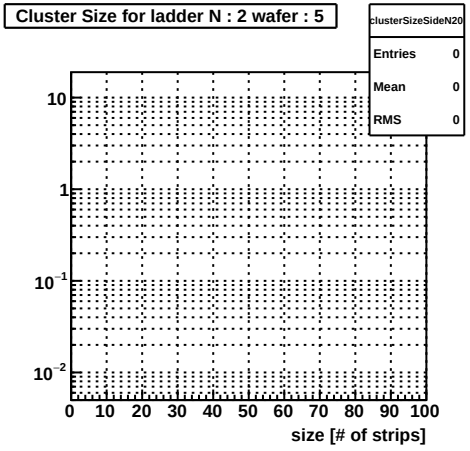

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

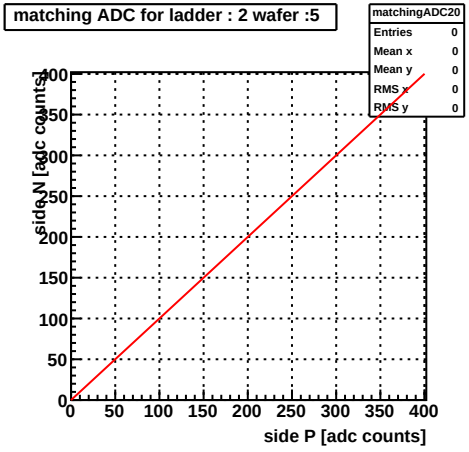

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

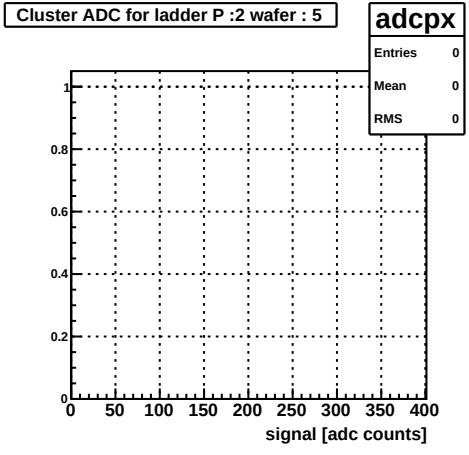

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

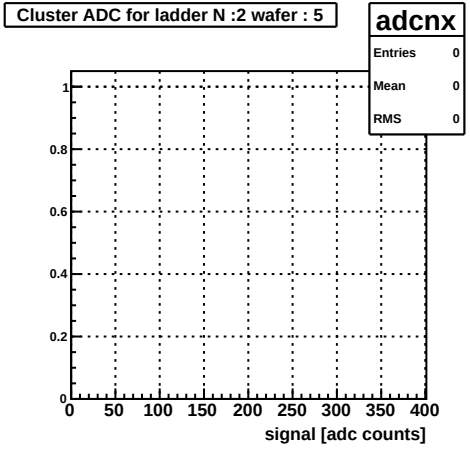

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

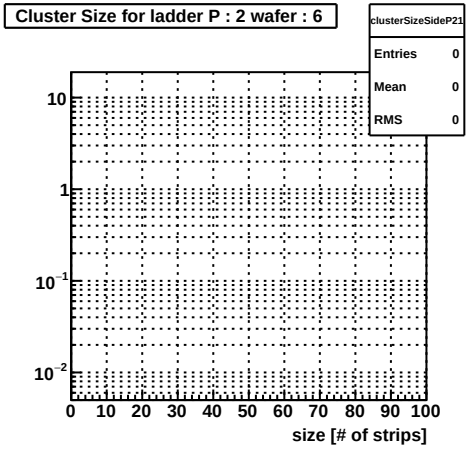

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

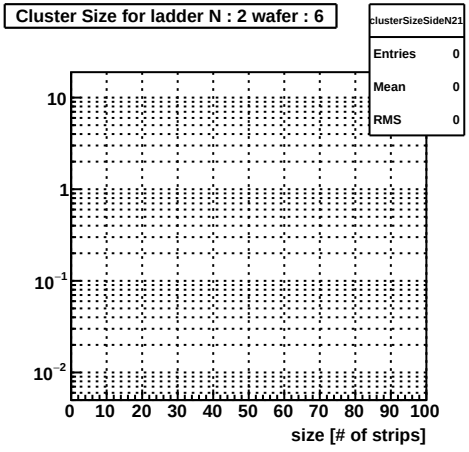

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

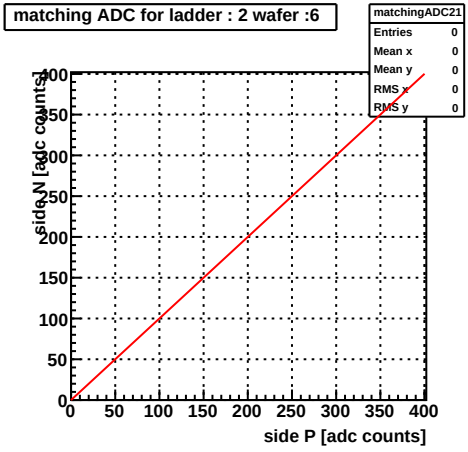

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

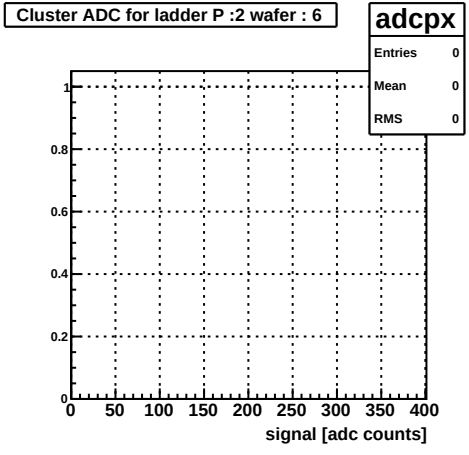

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

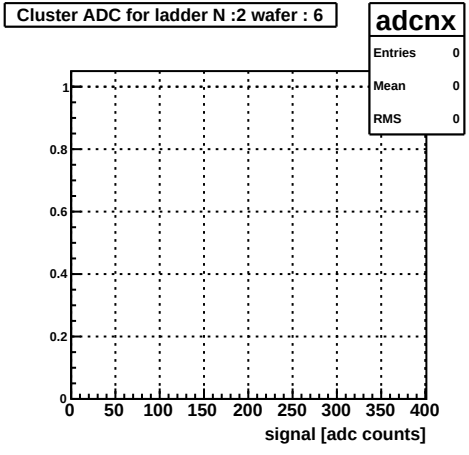

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

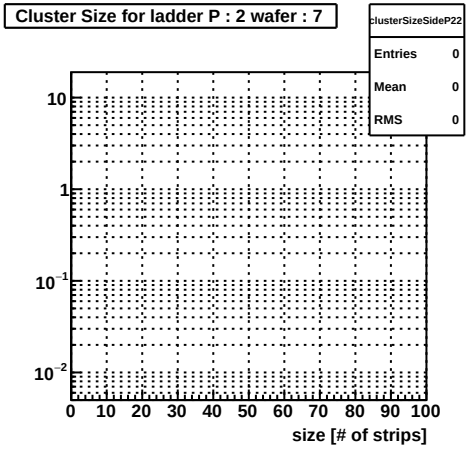

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

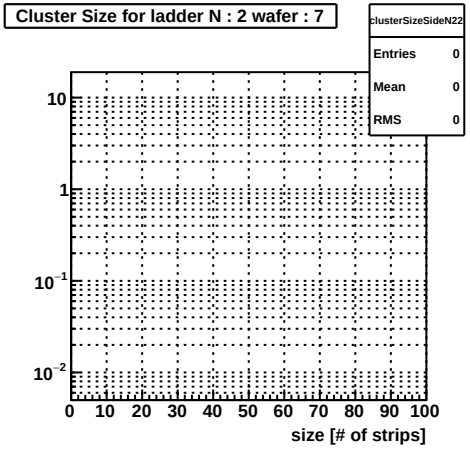

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

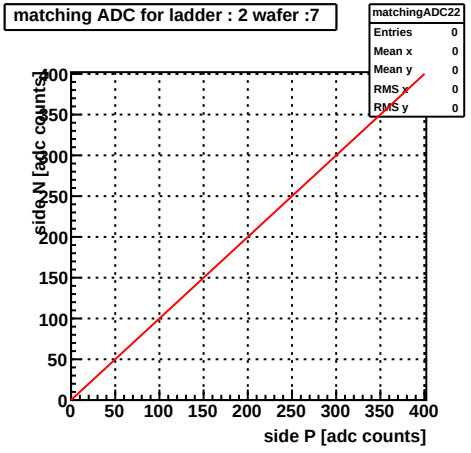

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

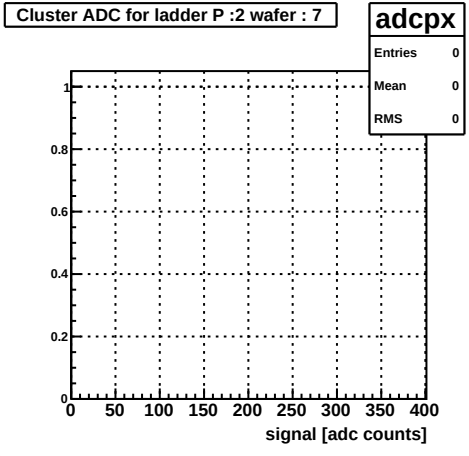

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

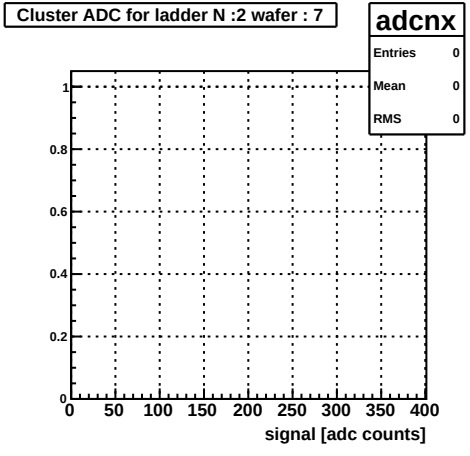

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

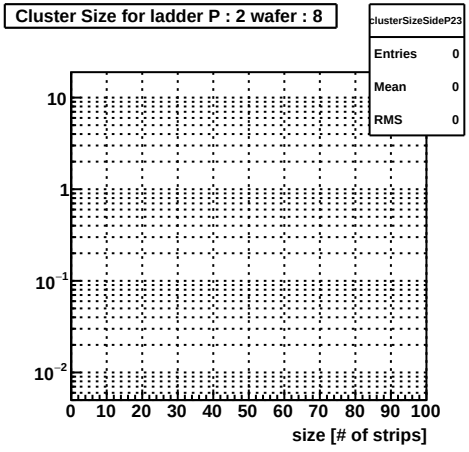

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

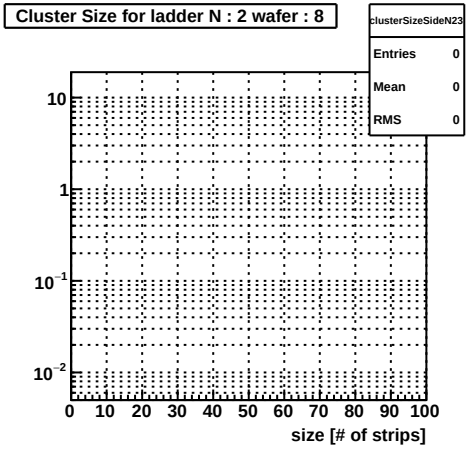

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

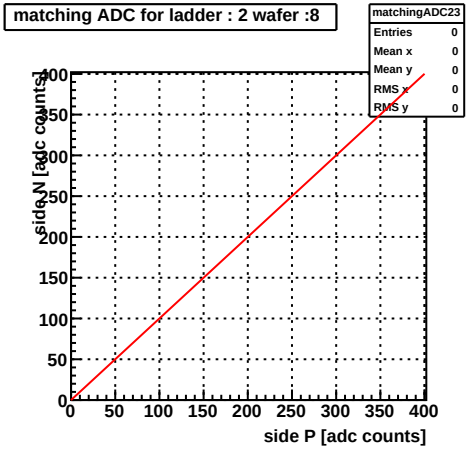

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

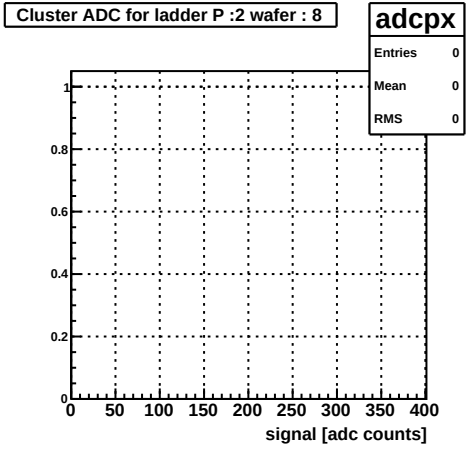

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

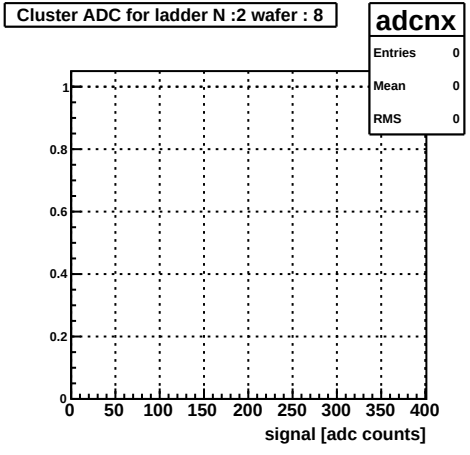

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

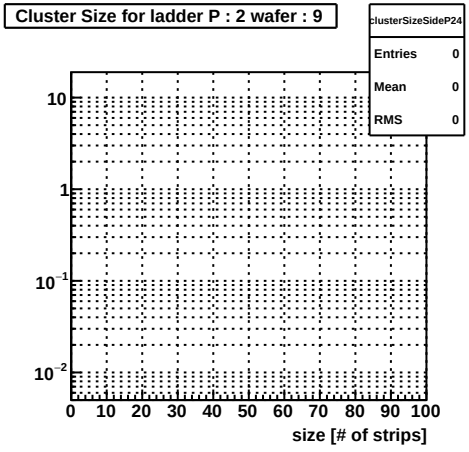

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

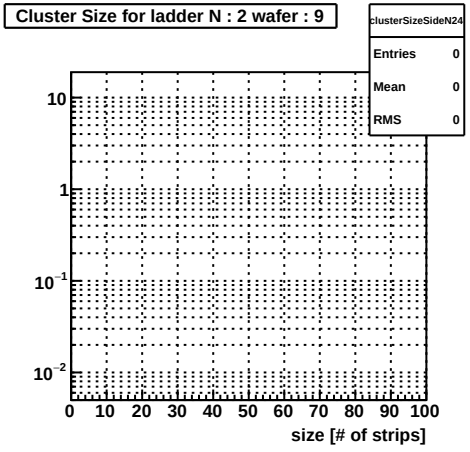

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

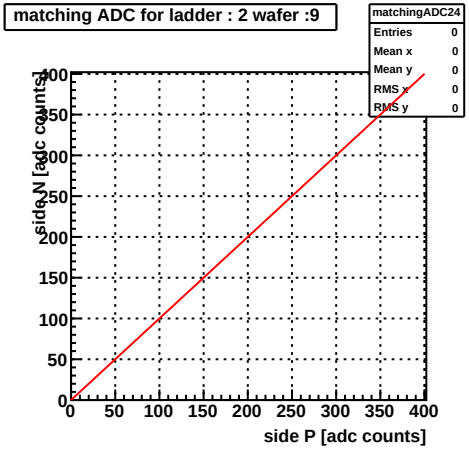

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

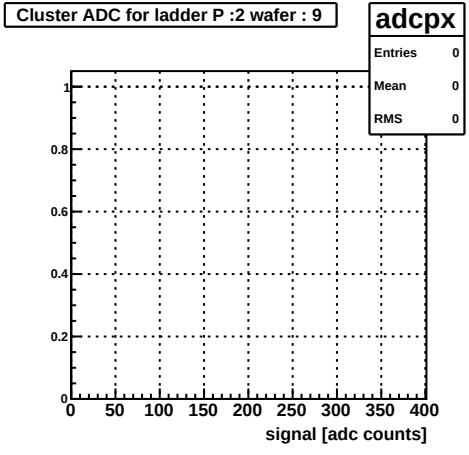

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

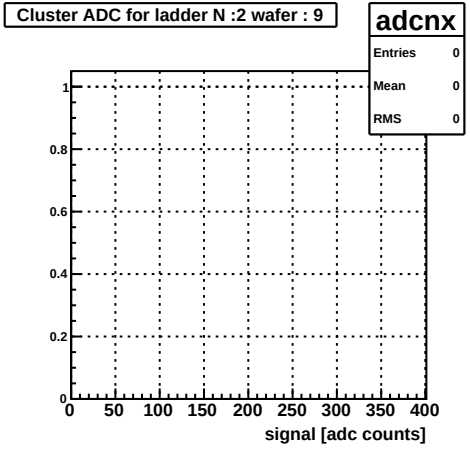

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

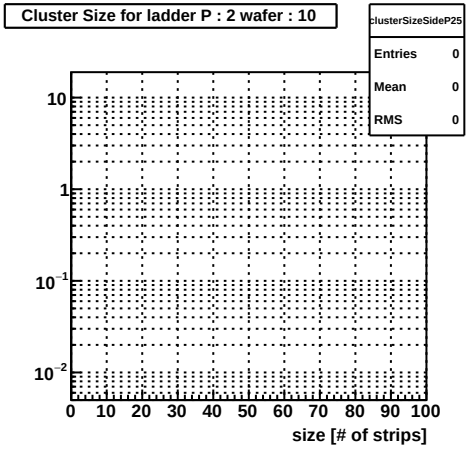

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

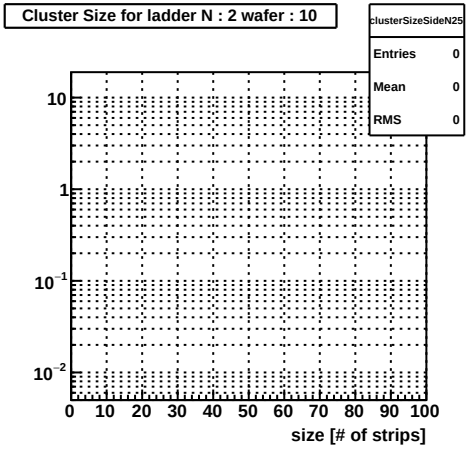

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

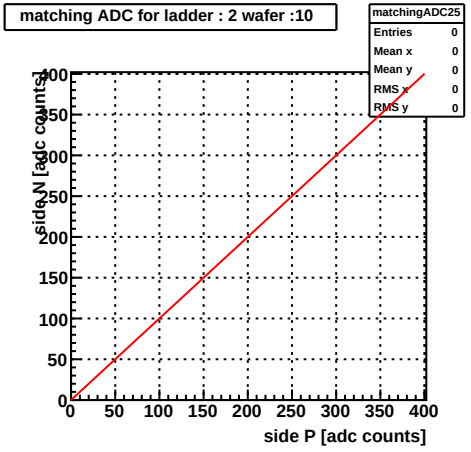

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

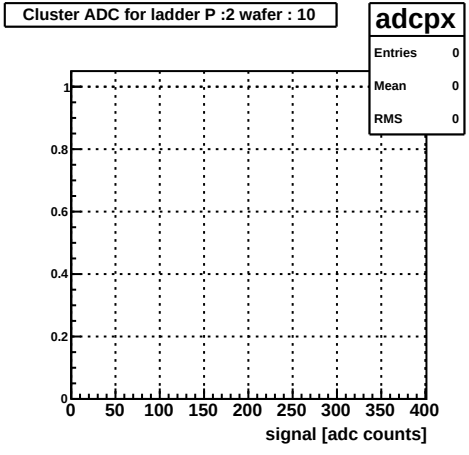

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

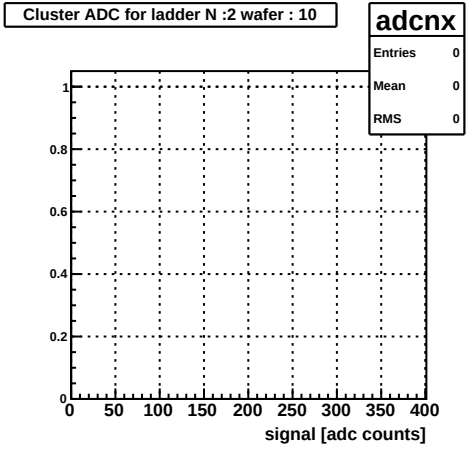

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

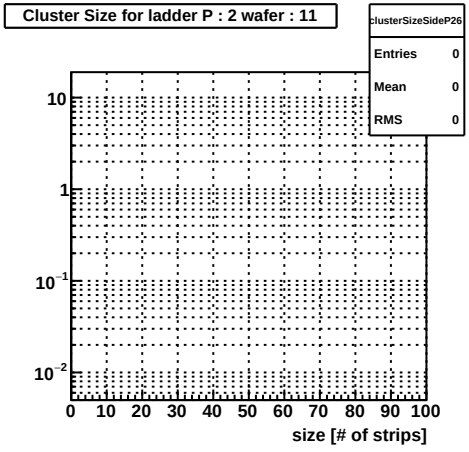

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

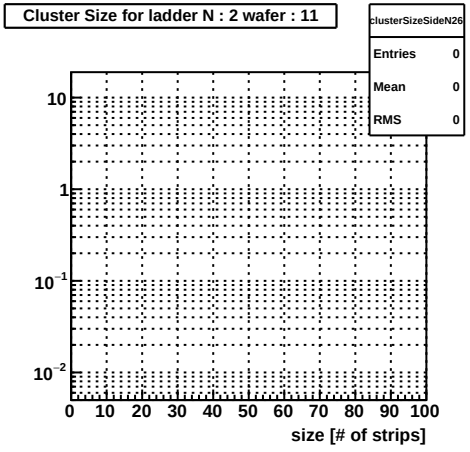

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

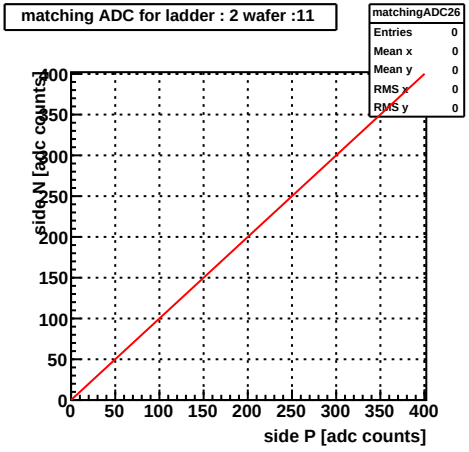

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

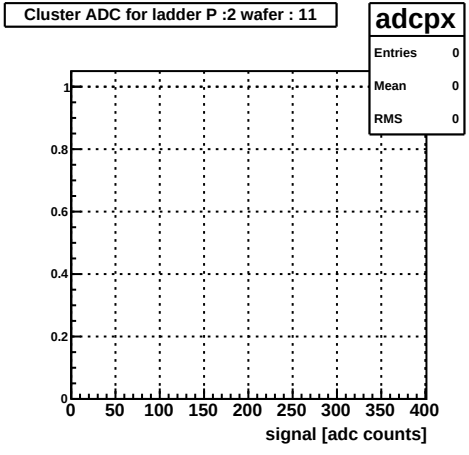

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

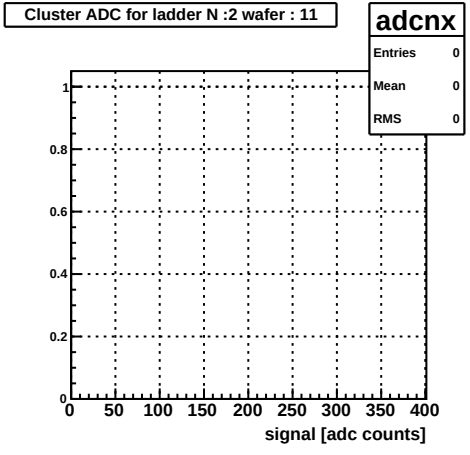

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

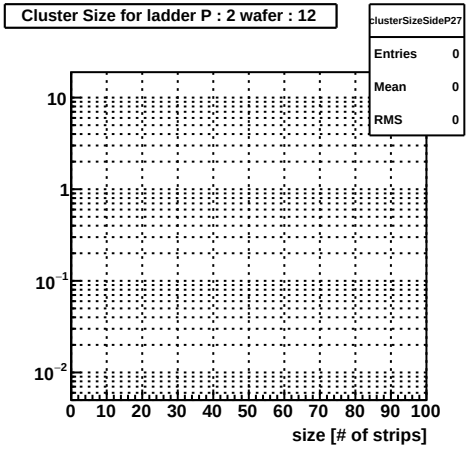

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

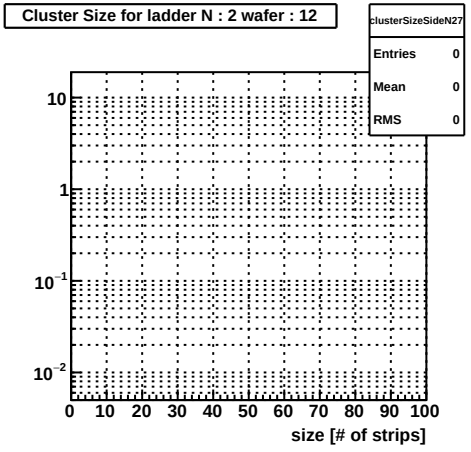

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

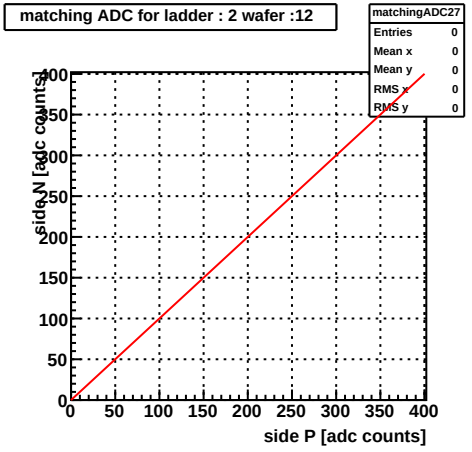

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

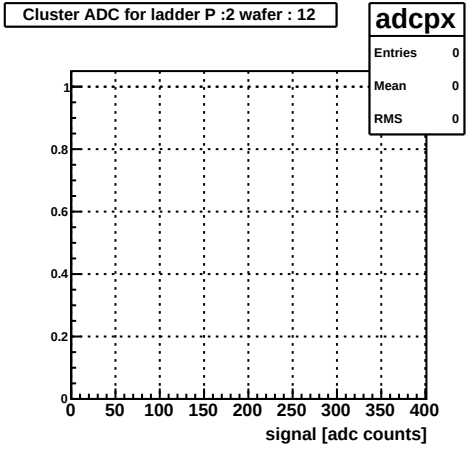

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

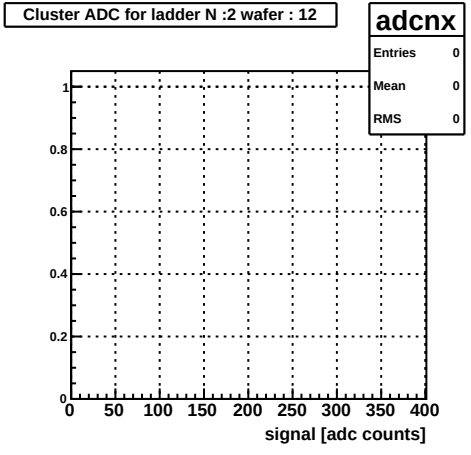

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

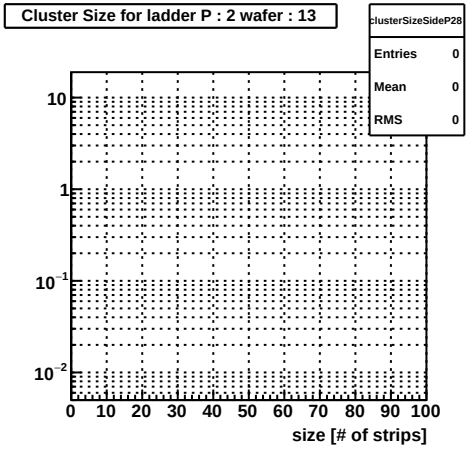

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

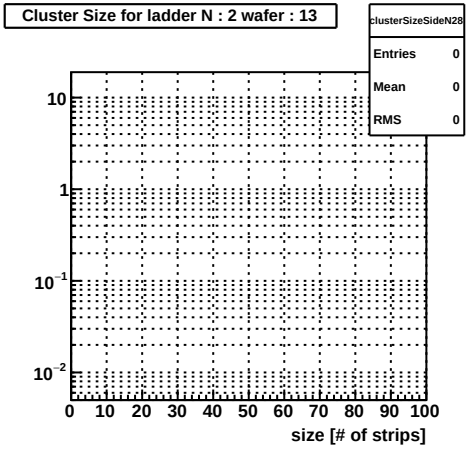

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

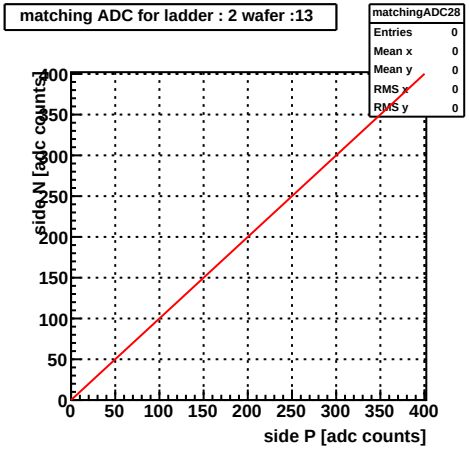

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

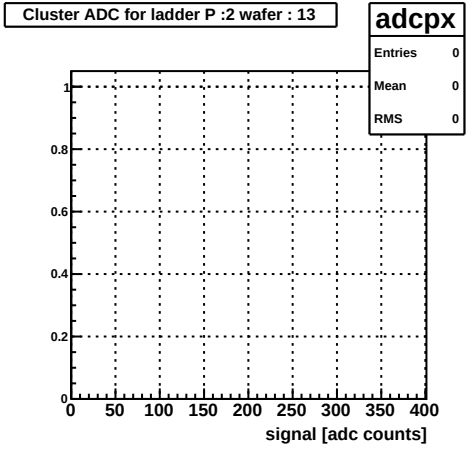

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

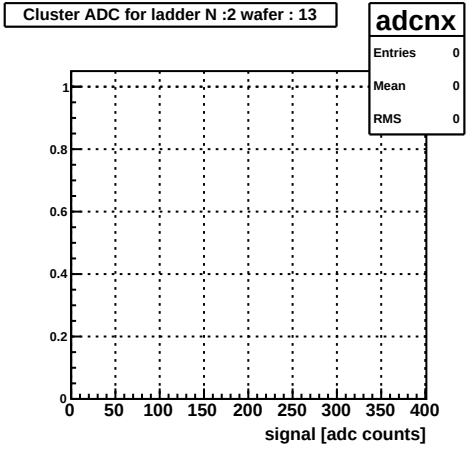

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

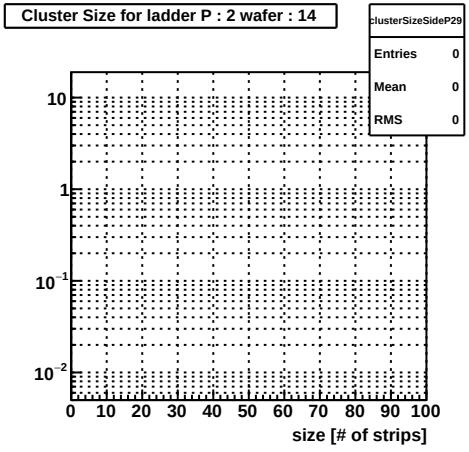

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

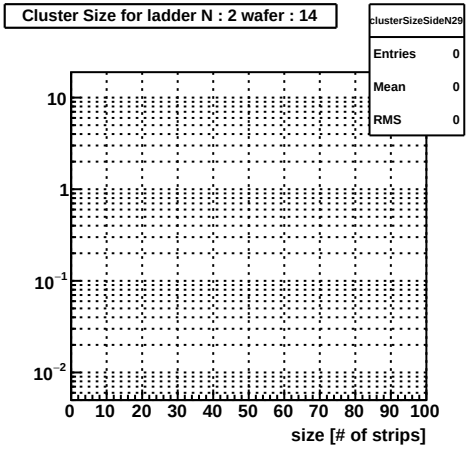

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

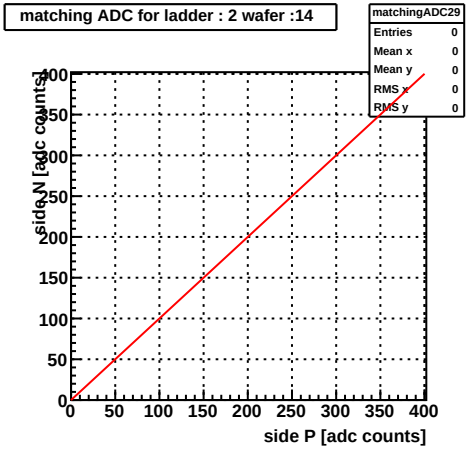

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

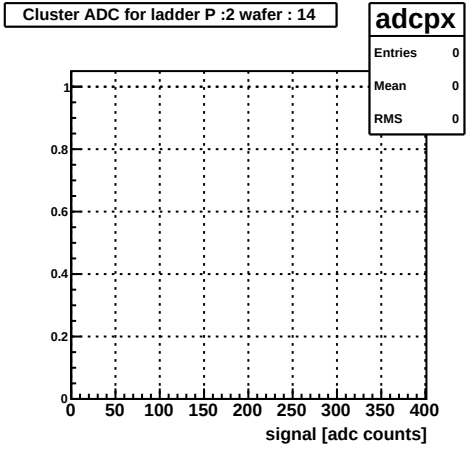

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

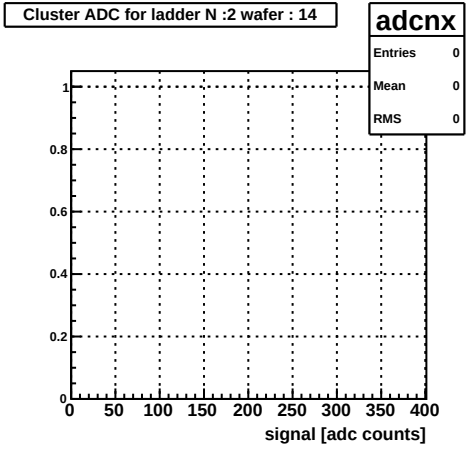

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

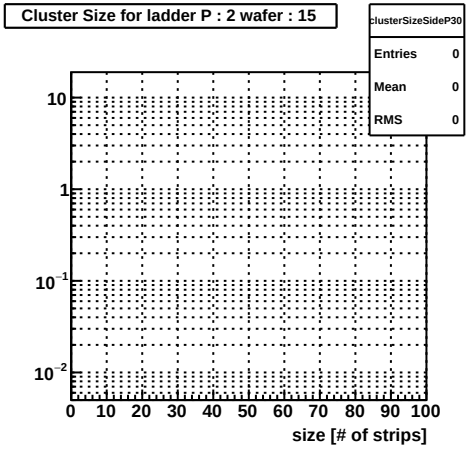

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

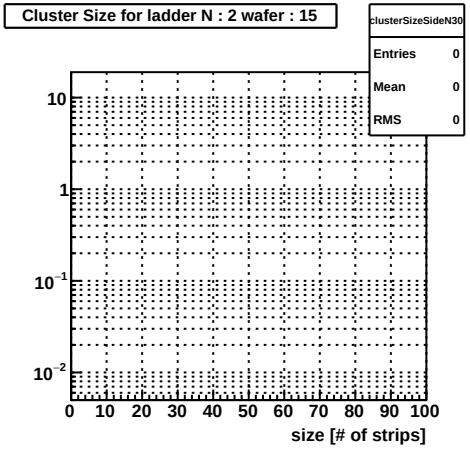

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

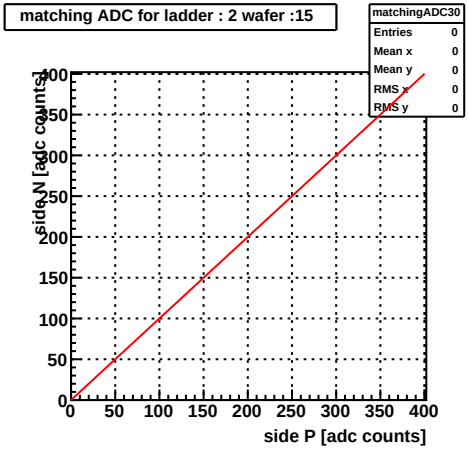

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

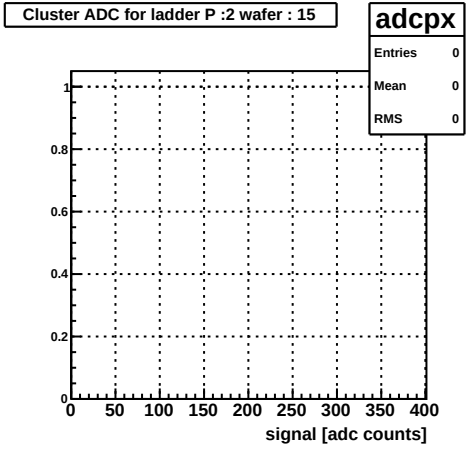

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

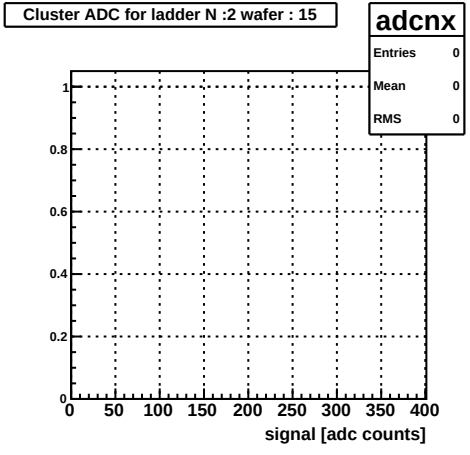

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

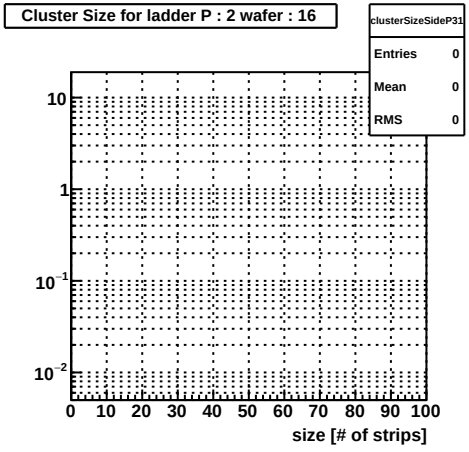

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

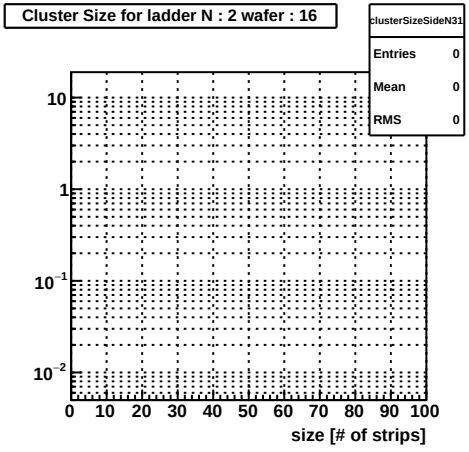

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

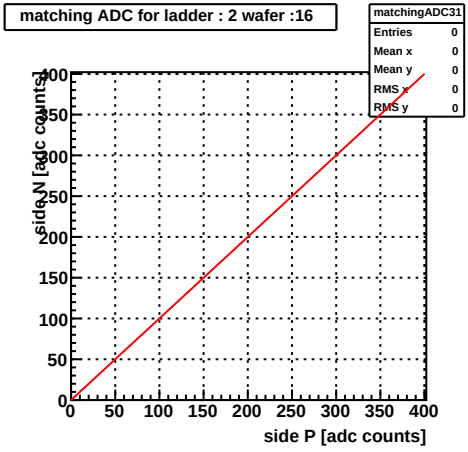

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

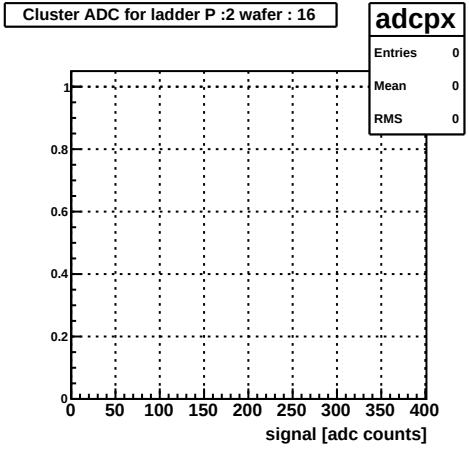

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

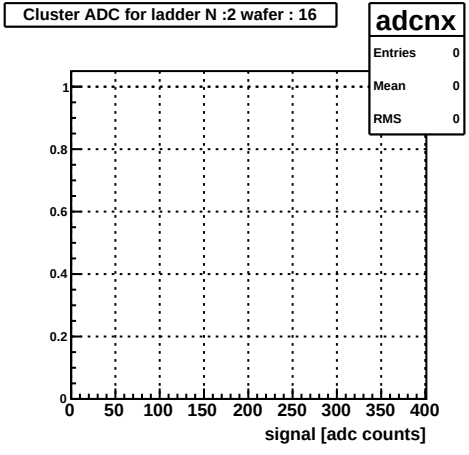

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

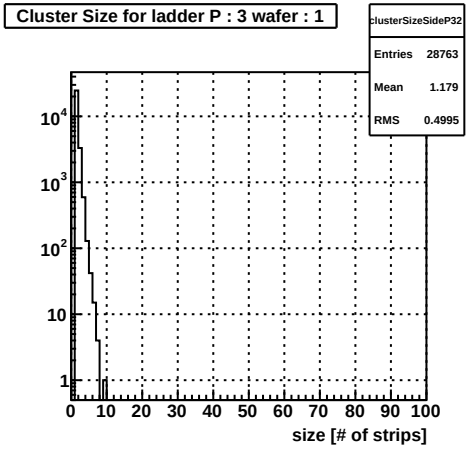

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

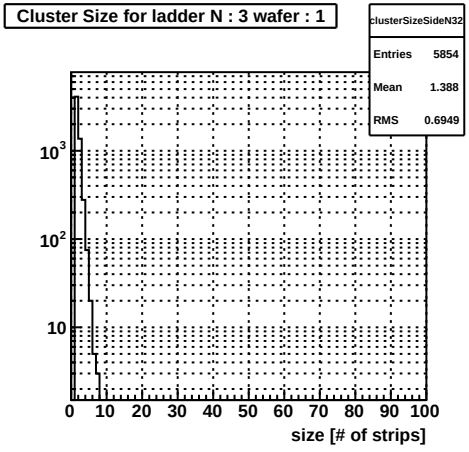

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

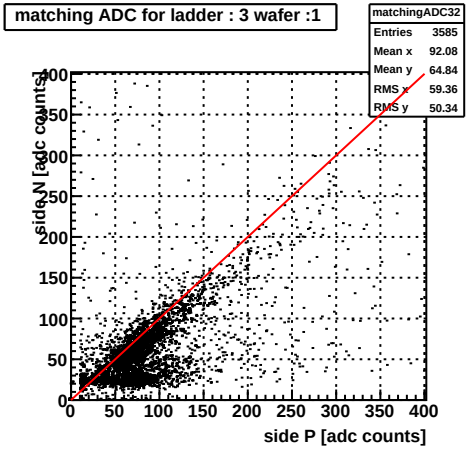

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

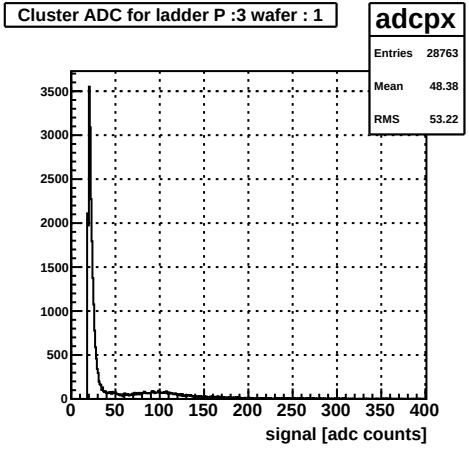

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

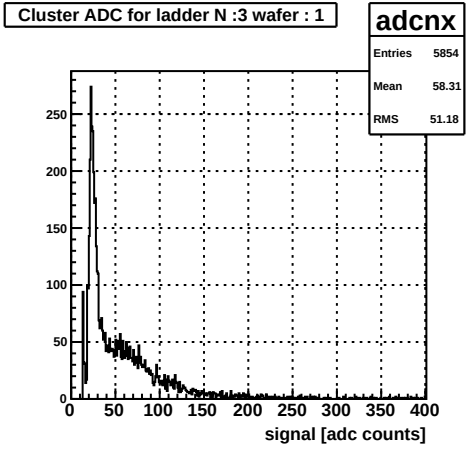

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

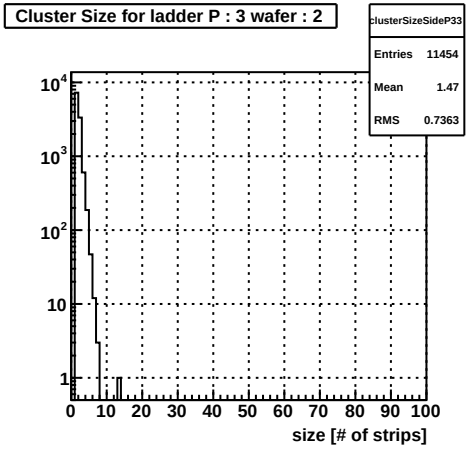

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 28763
Mean 1.179
RMS 0.4995
size [# of strips]

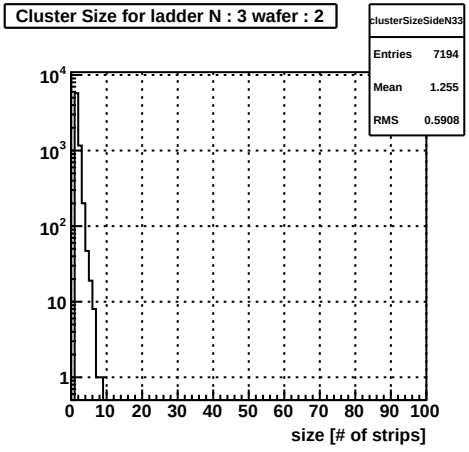

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 5854
Mean 1.388
RMS 0.6949
size [# of strips]

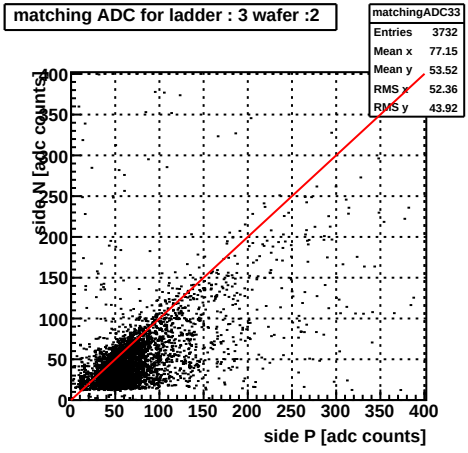

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3585
Mean x 92.08
Mean y 64.84
RMS x 59.36
RMS y 50.34
side N [adc counts]
side P [adc counts]

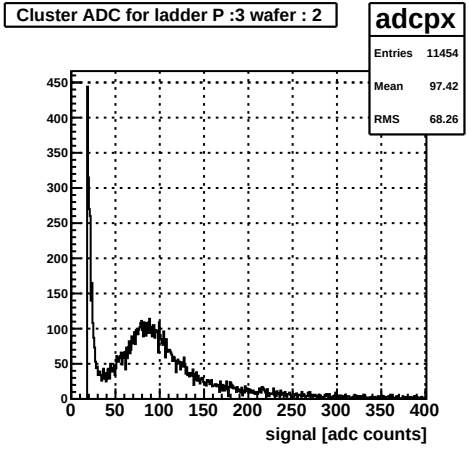

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 28763
Mean 48.38
RMS 53.22
signal [adc counts]

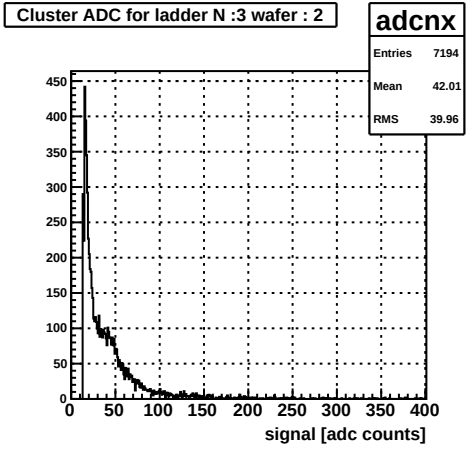

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 5854
Mean 58.31
RMS 51.18
signal [adc counts]

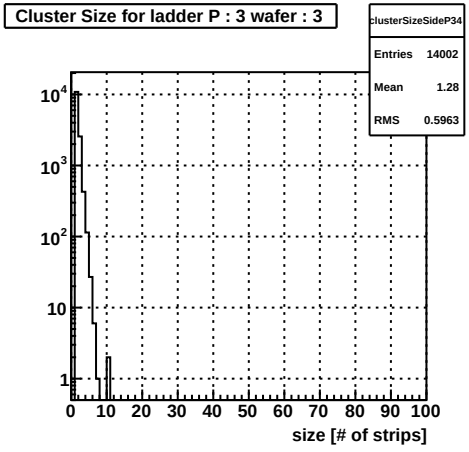

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 11454
Mean 1.47
RMS 0.7363
size [# of strips]

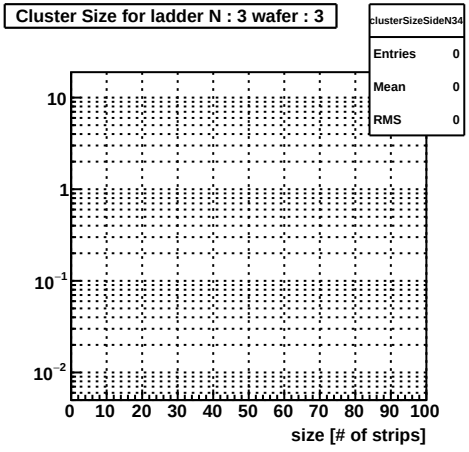

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 7194
Mean 1.255
RMS 0.5908
size [# of strips]

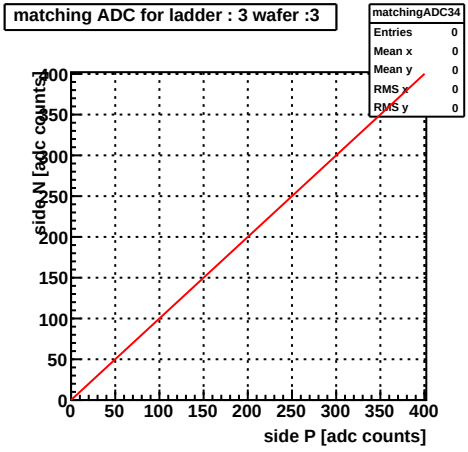

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 3732
Mean x 77.15
Mean y 53.52
RMS x 52.36
RMS y 43.92
side N [adc counts]
side P [adc counts]

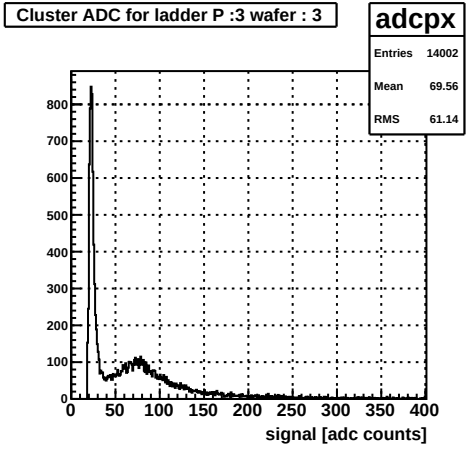

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 11454
Mean 97.42
RMS 68.26
signal [adc counts]

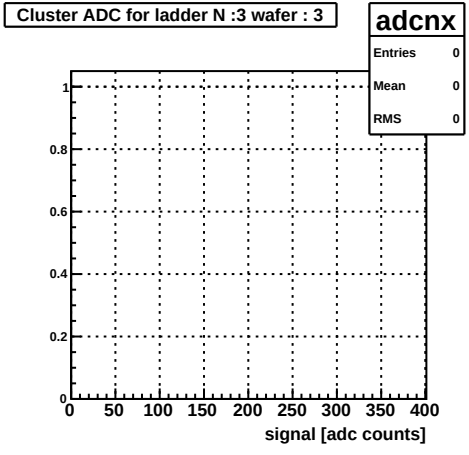

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 7194
Mean 42.01
RMS 39.96
signal [adc counts]

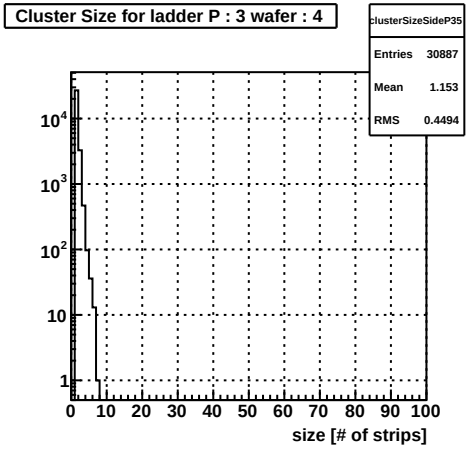

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 14002
Mean 1.28
RMS 0.5963
size [# of strips]

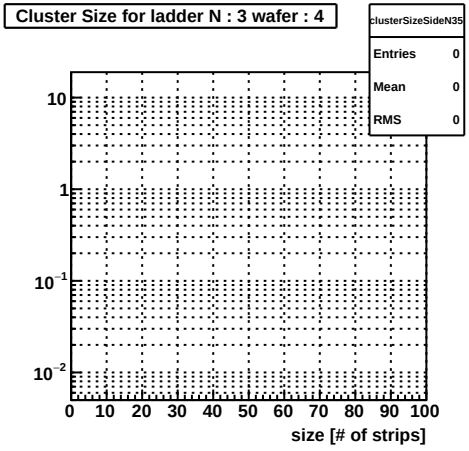

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

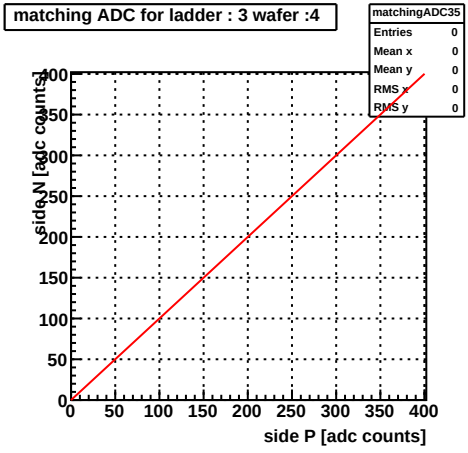

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

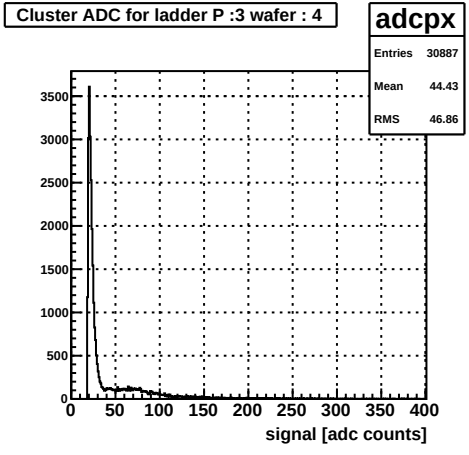

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 14002
Mean 69.56
RMS 61.14
signal [adc counts]

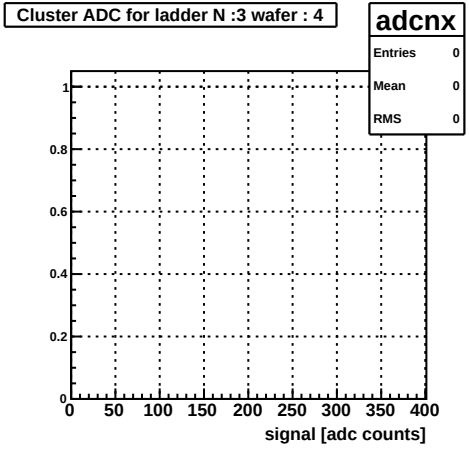

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

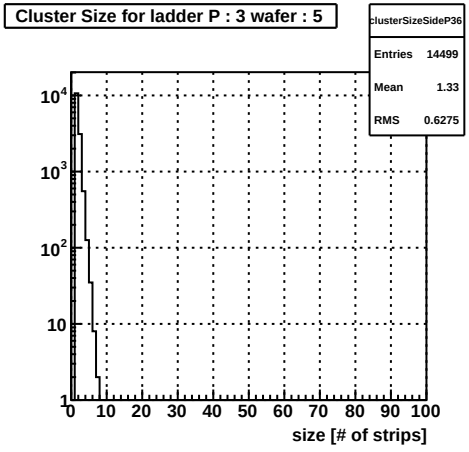

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 30887
Mean 1.153
RMS 0.4494
size [# of strips]

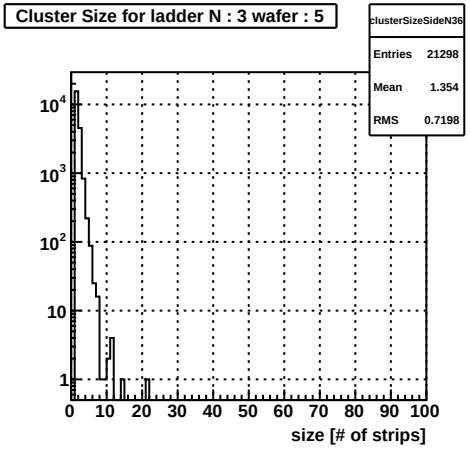

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

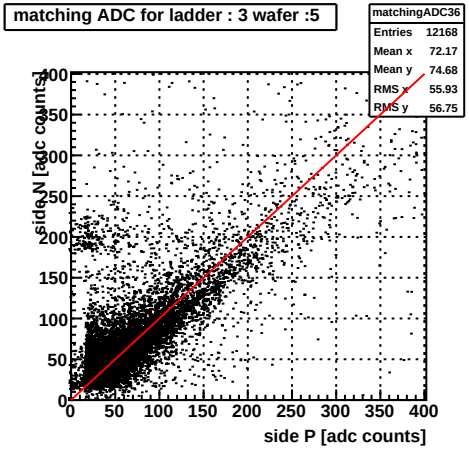

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

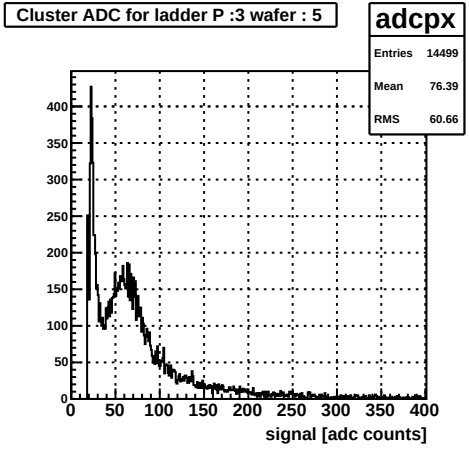

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 30887
Mean 44.43
RMS 46.86
signal [adc counts]

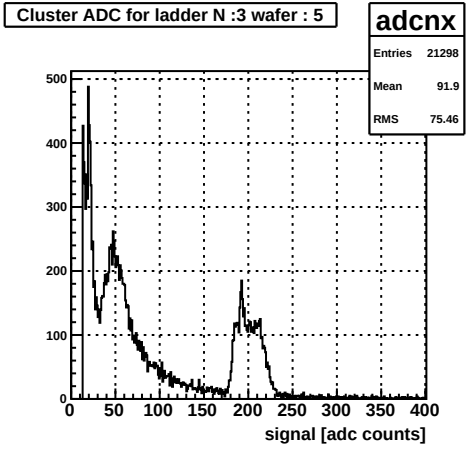

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

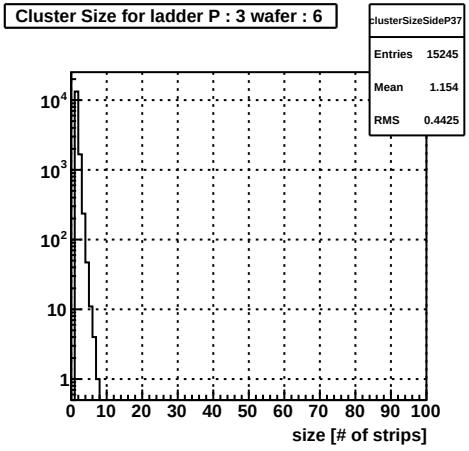

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 14499
Mean 1.33
RMS 0.6275
size [# of strips]

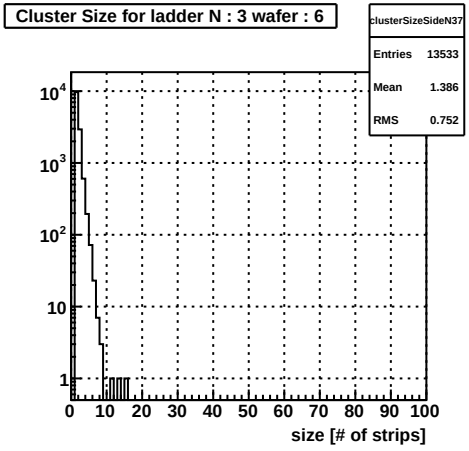

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 21298
Mean 1.354
RMS 0.7198
size [# of strips]

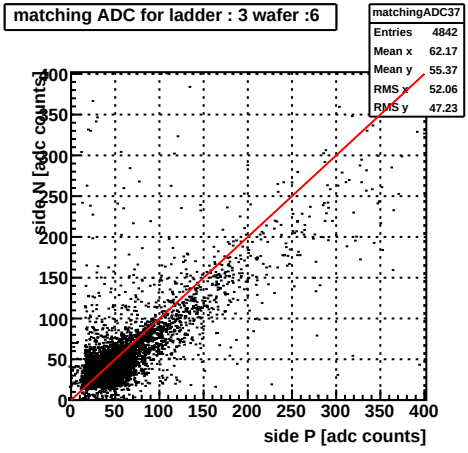

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 12168
Mean x 72.17
Mean y 74.68
RMS x 55.93
RMS y 56.75
side N [adc counts]
side P [adc counts]

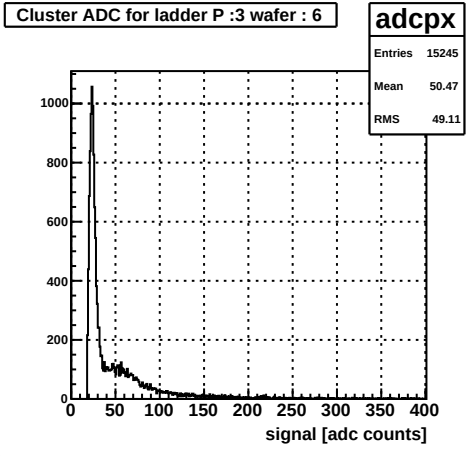

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 14499
Mean 76.39
RMS 60.66
signal [adc counts]

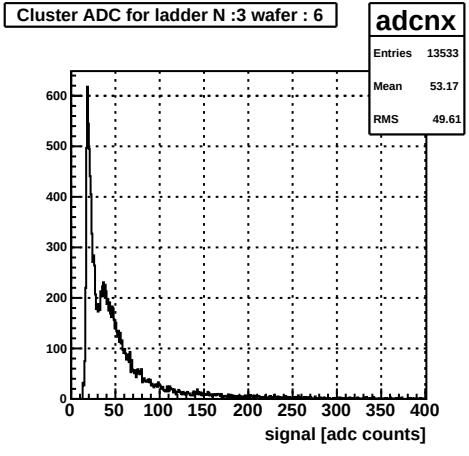

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 21298
Mean 91.9
RMS 75.46
signal [adc counts]

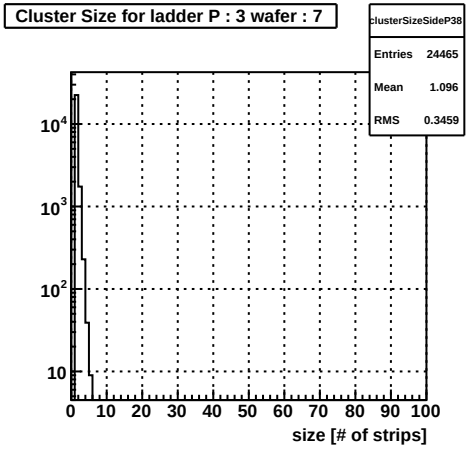

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 15245
Mean 1.154
RMS 0.4425
size [# of strips]

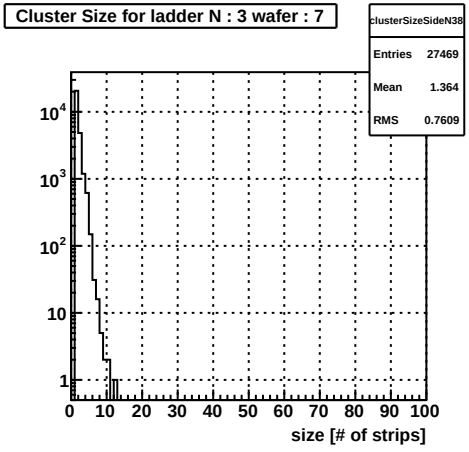

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 13533
Mean 1.386
RMS 0.752
size [# of strips]

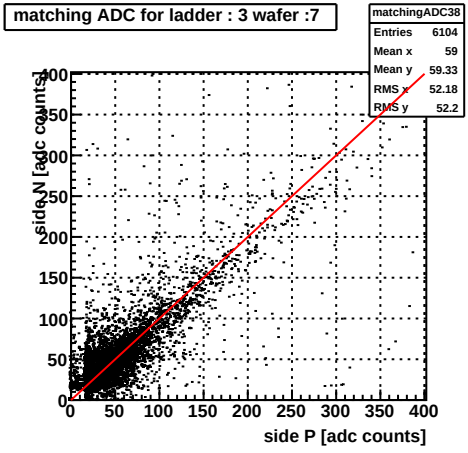

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4842
Mean x 62.17
Mean y 55.37
RMS x 52.06
RMS y 47.23
side N [adc counts]
side P [adc counts]

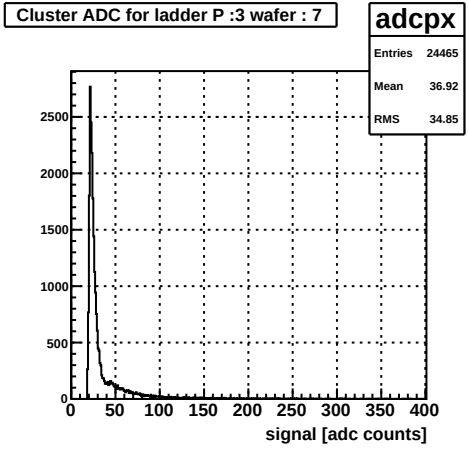

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 15245
Mean 50.47
RMS 49.11
signal [adc counts]

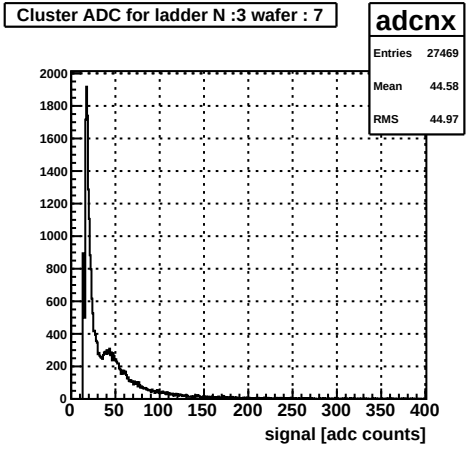

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 13533
Mean 53.17
RMS 49.61
signal [adc counts]

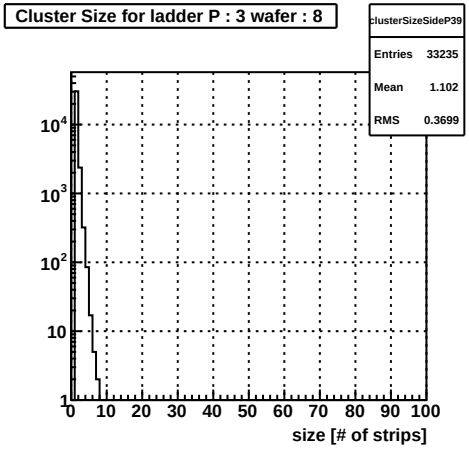

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 24465
Mean 1.096
RMS 0.3459
size [# of strips]

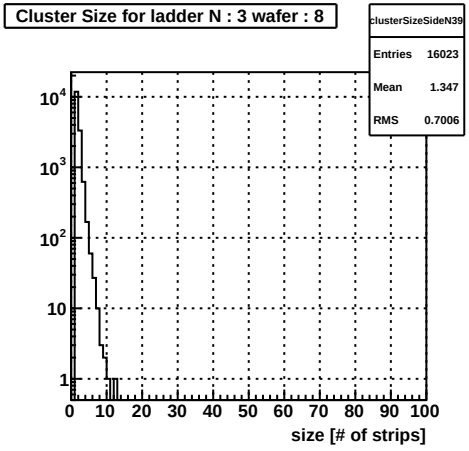

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 27469
Mean 1.364
RMS 0.7609
size [# of strips]

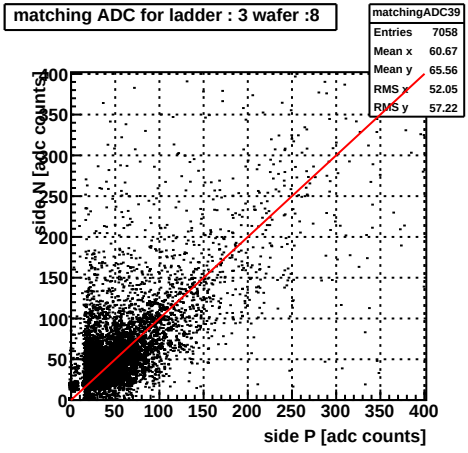

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 6104
Mean x 59
Mean y 59.33
RMS x 52.18
RMS y 52.2
side N [adc counts]
side P [adc counts]

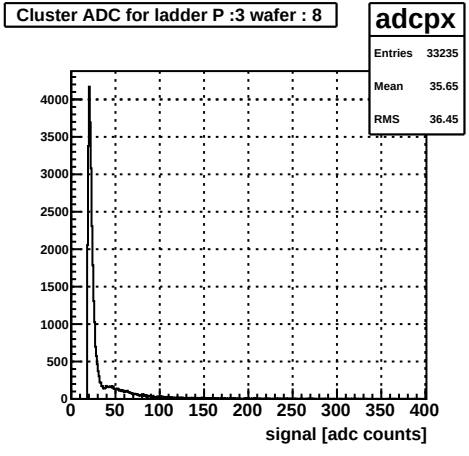

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 24465
Mean 36.92
RMS 34.85
signal [adc counts]

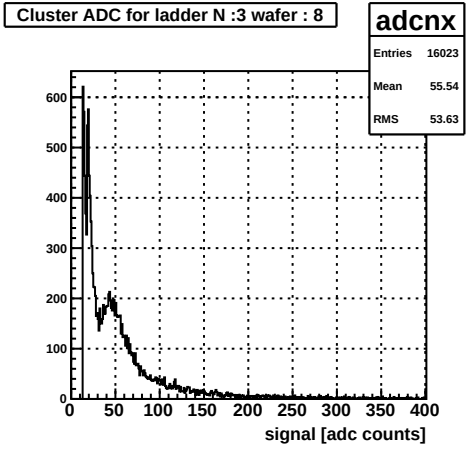

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 27469
Mean 44.58
RMS 44.97
signal [adc counts]

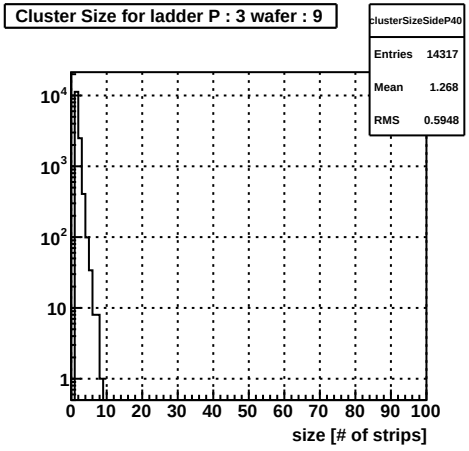

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 33235
Mean 1.102
RMS 0.3699
size [# of strips]

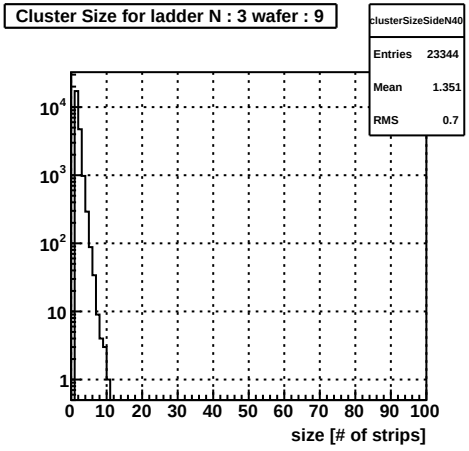

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 16023
Mean 1.347
RMS 0.7006
size [# of strips]

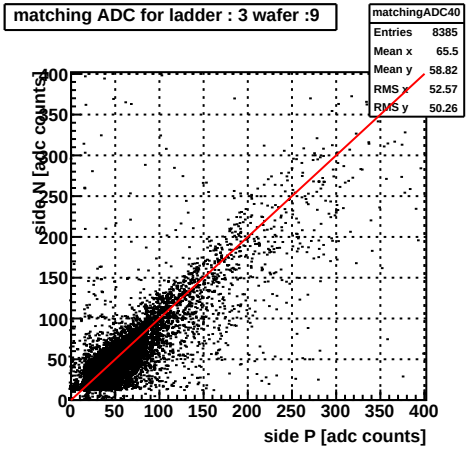

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 7058
Mean x 60.67
Mean y 65.56
RMS x 52.05
RMS y 57.22
side N [adc counts]
side P [adc counts]

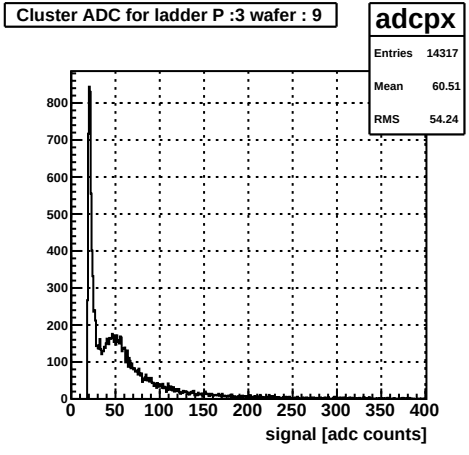

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 33235
Mean 35.65
RMS 36.45
signal [adc counts]

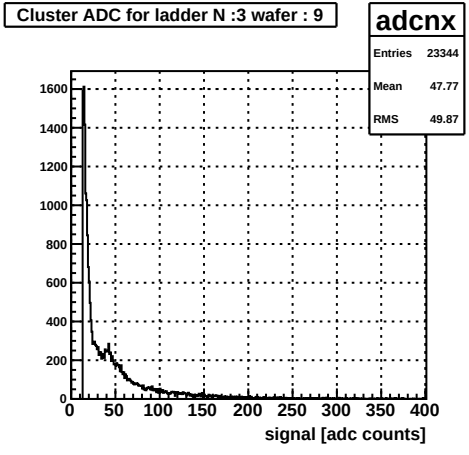

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 16023
Mean 55.54
RMS 53.63
signal [adc counts]

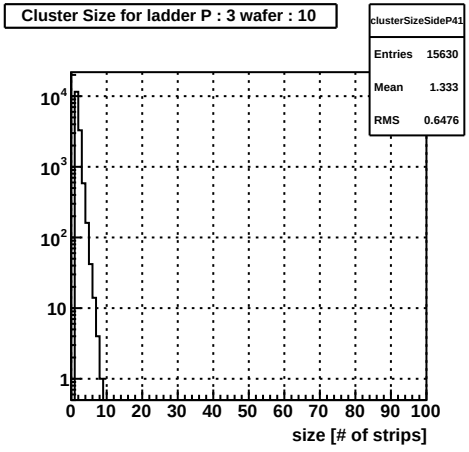

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 14317
Mean 1.268
RMS 0.5948
size [# of strips]

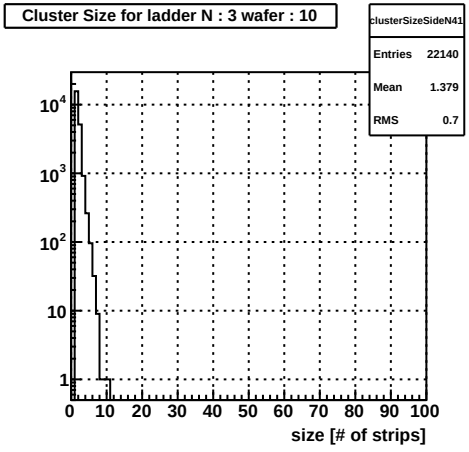

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 23344
Mean 1.351
RMS 0.7
size [# of strips]

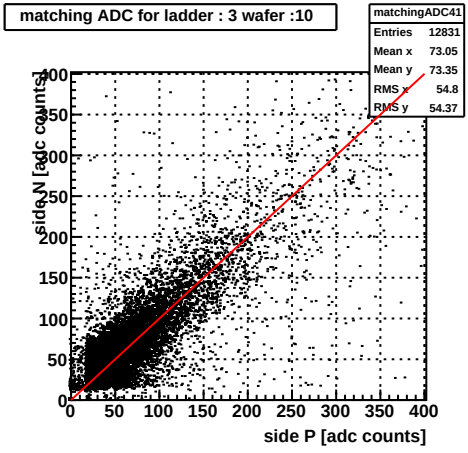

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 8385
Mean x 65.5
Mean y 58.82
RMS x 52.57
RMS y 50.26
side N [adc counts]
side P [adc counts]

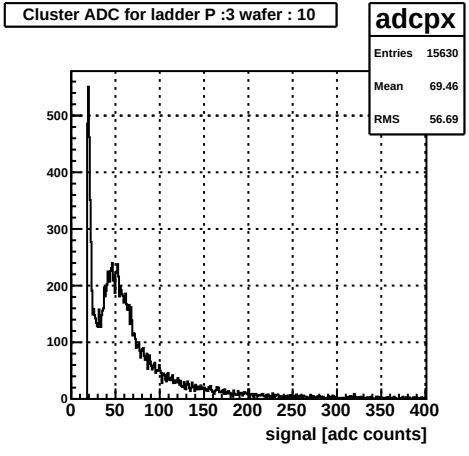

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 14317
Mean 60.51
RMS 54.24
signal [adc counts]

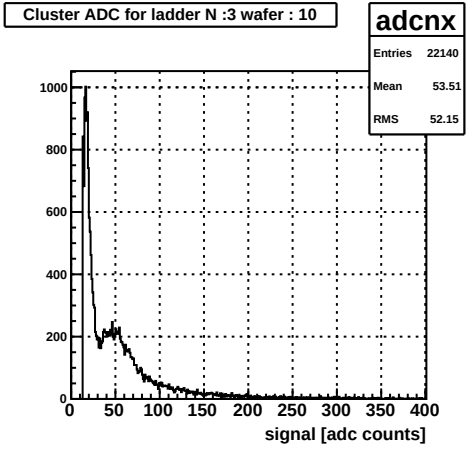

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 23344
Mean 47.77
RMS 49.87
signal [adc counts]

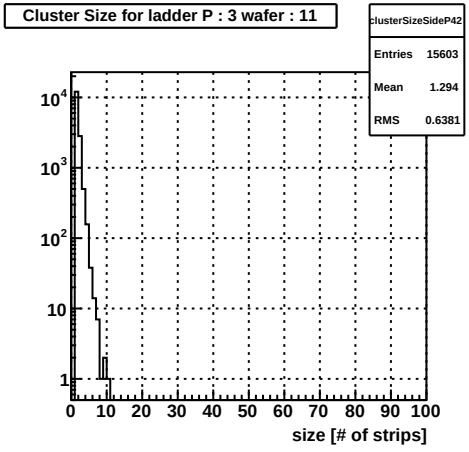

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 15630
Mean 1.333
RMS 0.6476
size [# of strips]

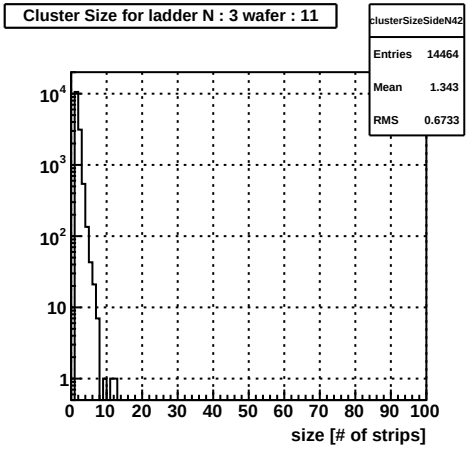

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 22140
Mean 1.379
RMS 0.7
size [# of strips]

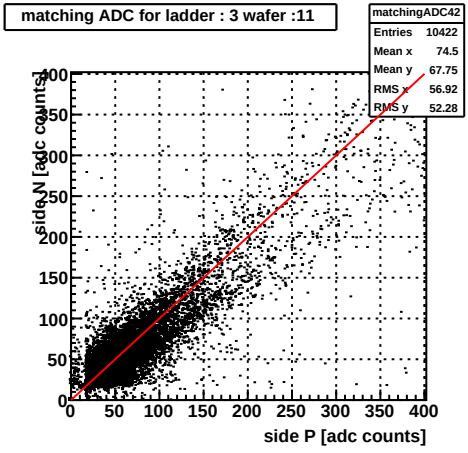

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 12831
Mean x 73.05
Mean y 73.35
RMS x 54.8
RMS y 54.37
side N [adc counts]
side P [adc counts]

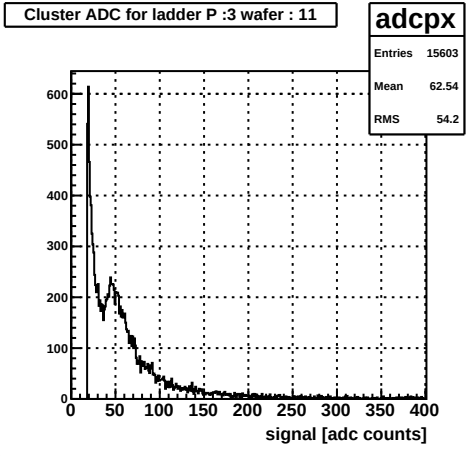

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 15630
Mean 69.46
RMS 56.69
signal [adc counts]

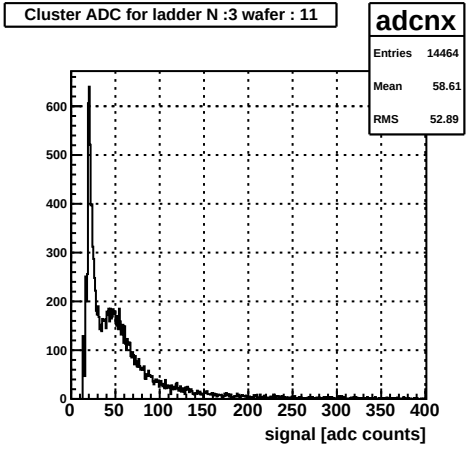

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 22140
Mean 53.51
RMS 52.15
signal [adc counts]

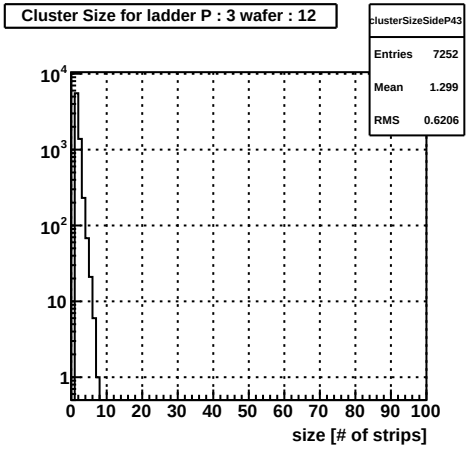

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 15603
Mean 1.294
RMS 0.6381
size [# of strips]

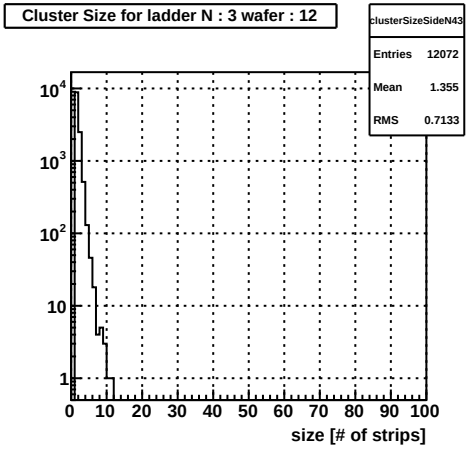

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 14464
Mean 1.343
RMS 0.6733
size [# of strips]

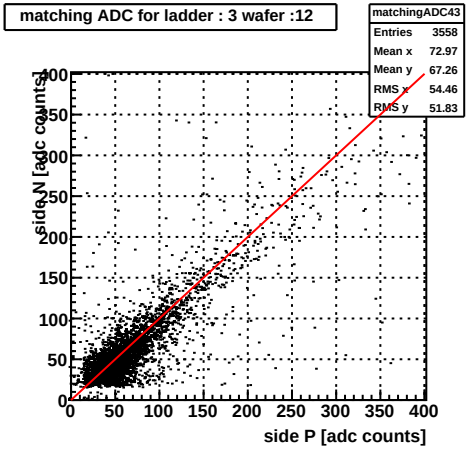

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 10422
Mean x 74.5
Mean y 67.75
RMS x 56.92
RMS y 52.28
side N [adc counts]
side P [adc counts]

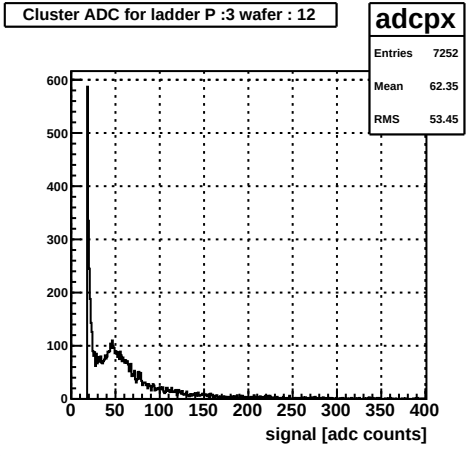

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 15603
Mean 62.54
RMS 54.2
signal [adc counts]

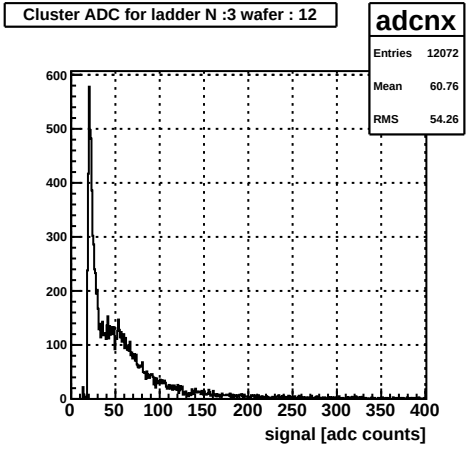

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 14464
Mean 58.61
RMS 52.89
signal [adc counts]

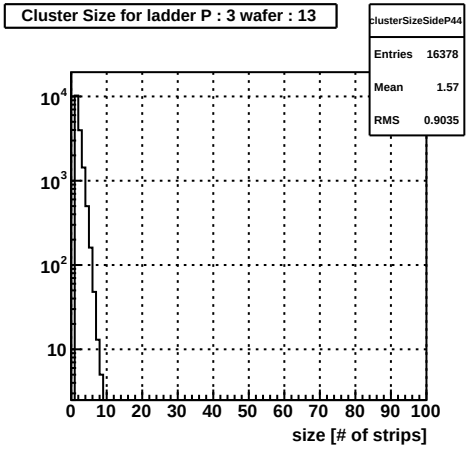

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 7252
Mean 1.299
RMS 0.6206
size [# of strips]

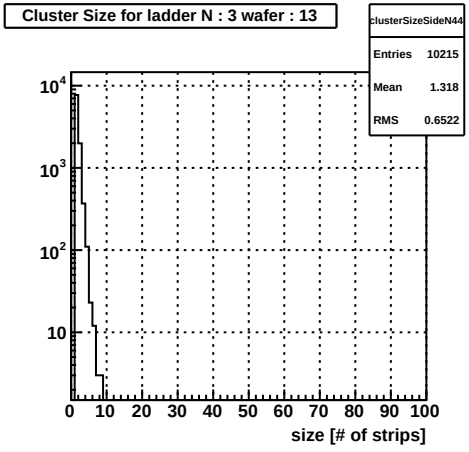

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 12072
Mean 1.355
RMS 0.7133
size [# of strips]

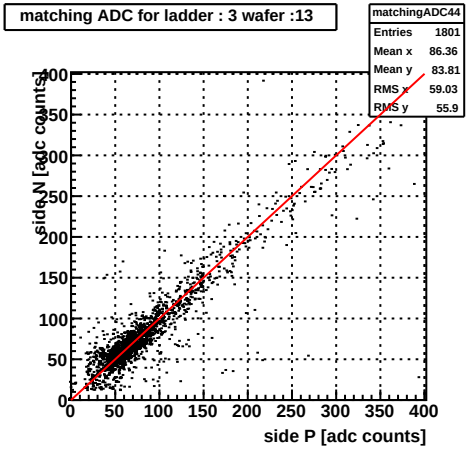

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 3558
Mean x 72.97
Mean y 67.26
RMS x 54.46
RMS y 51.83
side N [adc counts]
side P [adc counts]

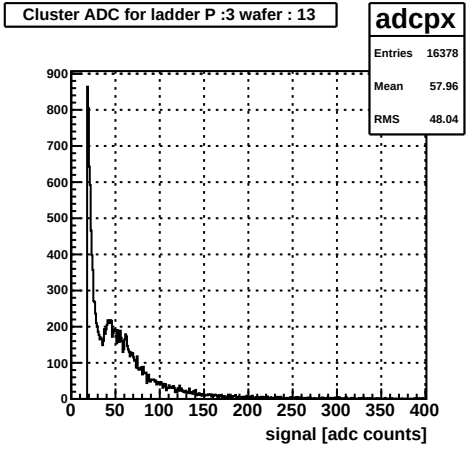

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 7252
Mean 62.35
RMS 53.45
signal [adc counts]

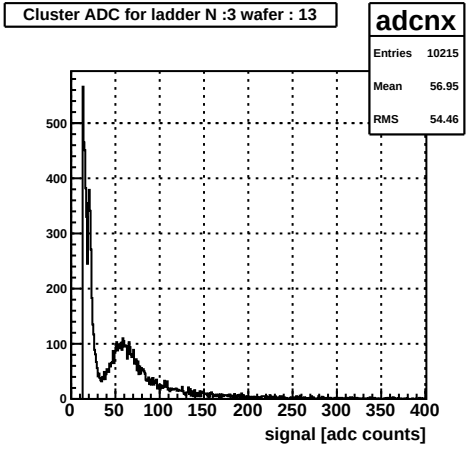

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 12072
Mean 60.76
RMS 54.26
signal [adc counts]

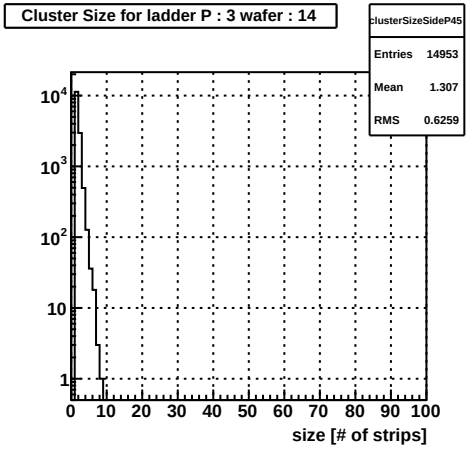

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 16378
Mean 1.57
RMS 0.9035
size [# of strips]

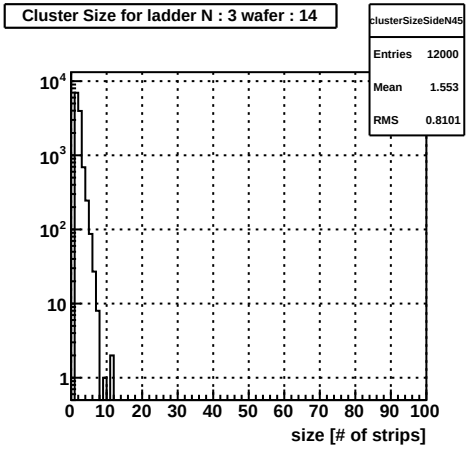

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 10215
Mean 1.318
RMS 0.6522
size [# of strips]

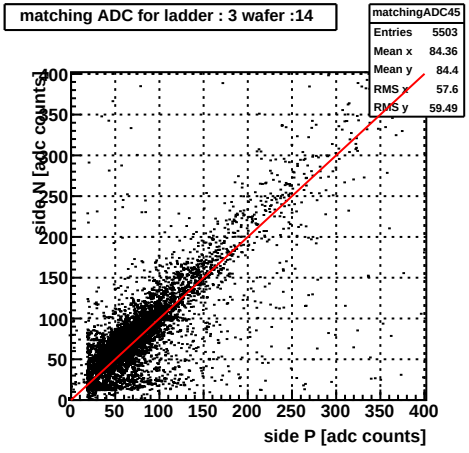

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1801
Mean x 86.36
Mean y 83.81
RMS x 59.03
RMS y 55.9
side N [adc counts]
side P [adc counts]

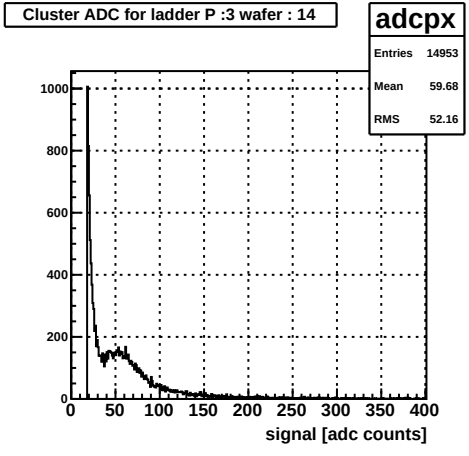

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 16378
Mean 57.96
RMS 48.04
signal [adc counts]

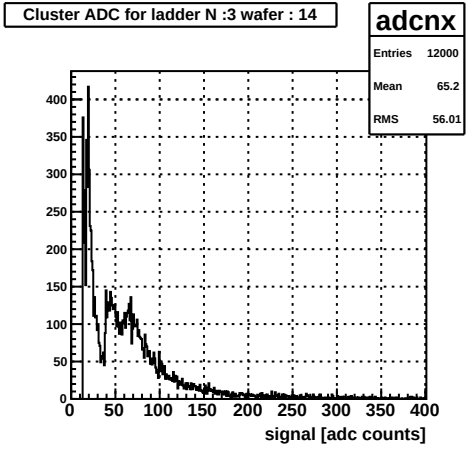

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 10215
Mean 56.95
RMS 54.46
signal [adc counts]

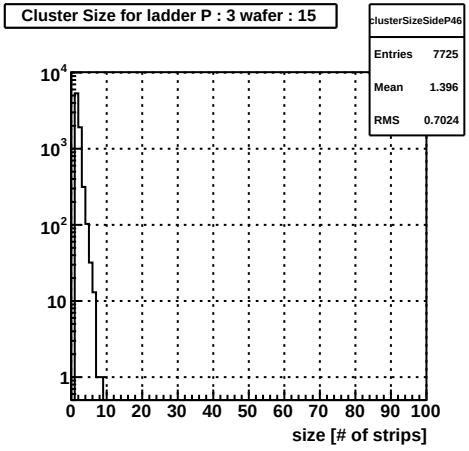

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 14953
Mean 1.307
RMS 0.6259
size [# of strips]

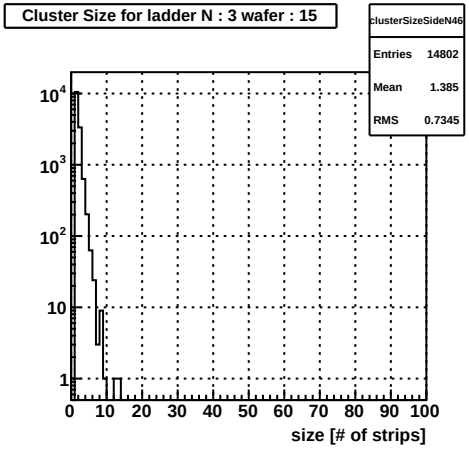

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 12000
Mean 1.553
RMS 0.8101
size [# of strips]

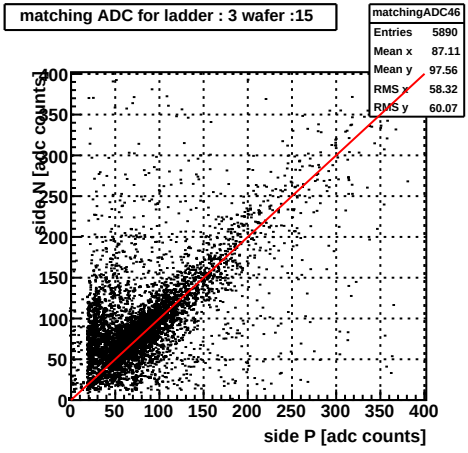

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 5503
Mean x 84.36
Mean y 84.4
RMS x 57.6
RMS y 59.49
side N [adc counts]
side P [adc counts]

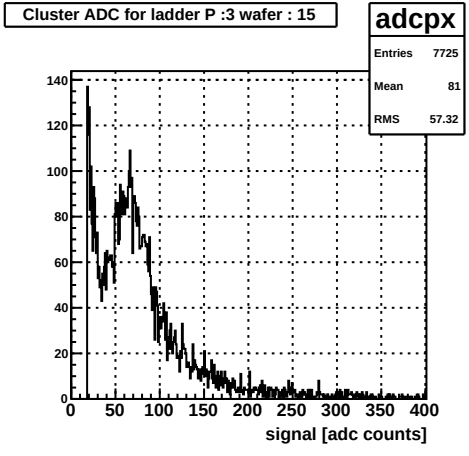

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 14953
Mean 59.68
RMS 52.16
signal [adc counts]

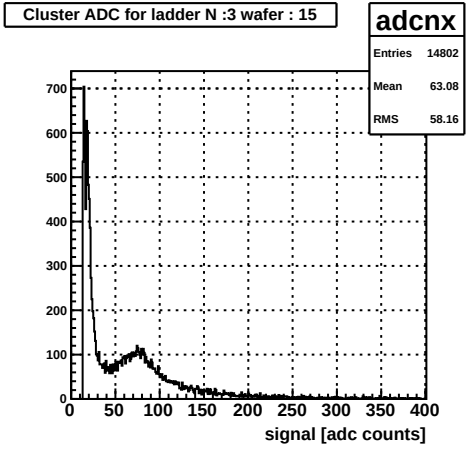

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 12000
Mean 65.2
RMS 56.01
signal [adc counts]

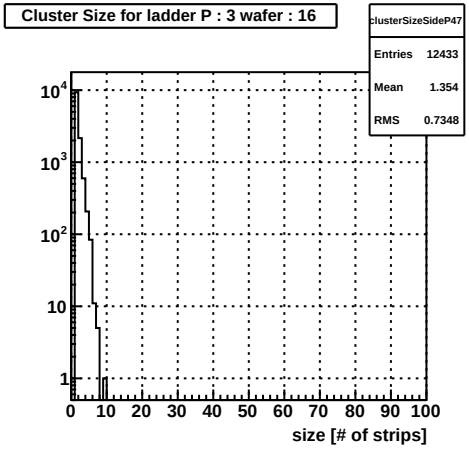

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 7725
Mean 1.396
RMS 0.7024
size [# of strips]

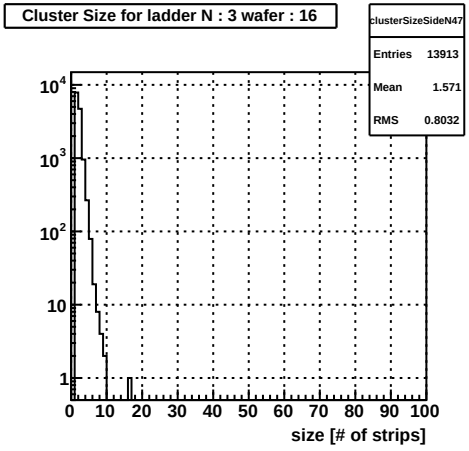

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 14802
Mean 1.385
RMS 0.7345
size [# of strips]

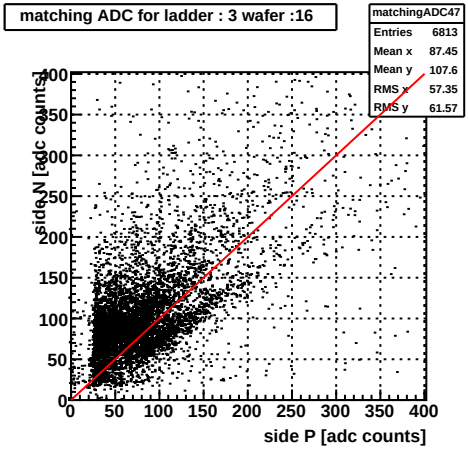

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 5890
Mean x 87.11
Mean y 97.56
RMS x 58.32
RMS y 60.07
side N [adc counts]
side P [adc counts]

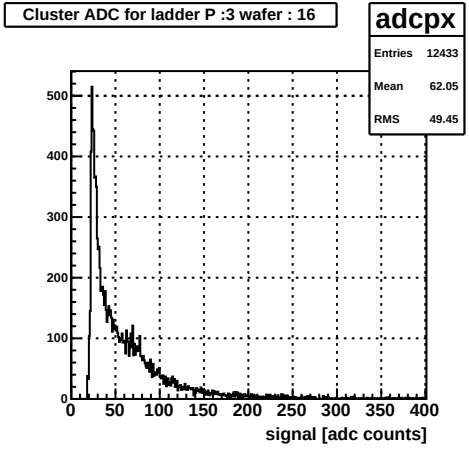

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 7725
Mean 81
RMS 57.32
signal [adc counts]

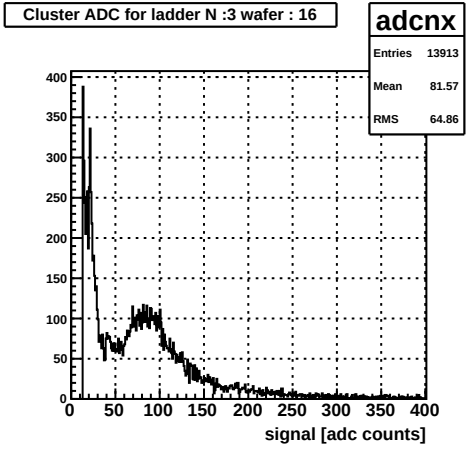

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 14802
Mean 63.08
RMS 58.16
signal [adc counts]

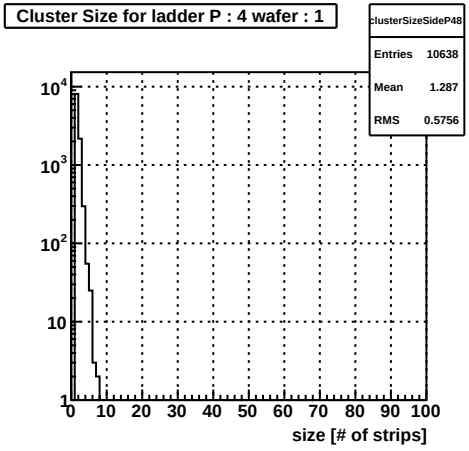

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 12433
Mean 1.354
RMS 0.7348
size [# of strips]

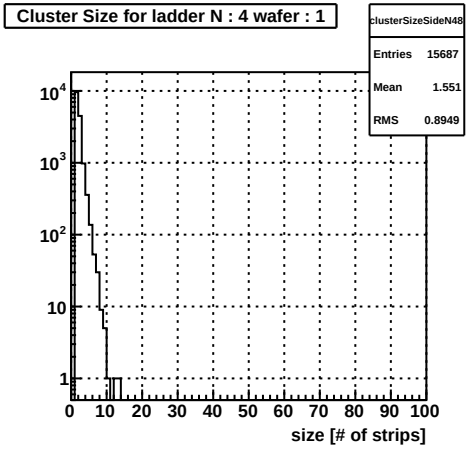

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 13913
Mean 1.571
RMS 0.8032
size [# of strips]

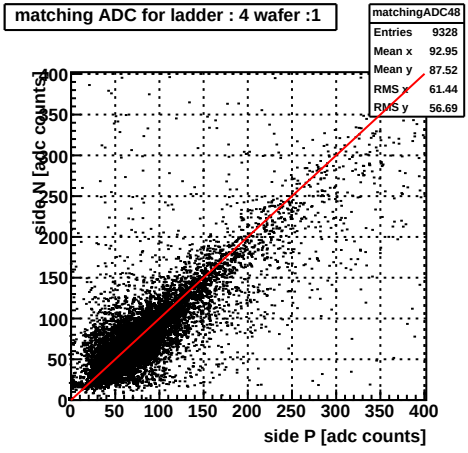

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 6813
Mean x 87.45
Mean y 107.6
RMS x 57.35
RMS y 61.57
side N [adc counts]
side P [adc counts]

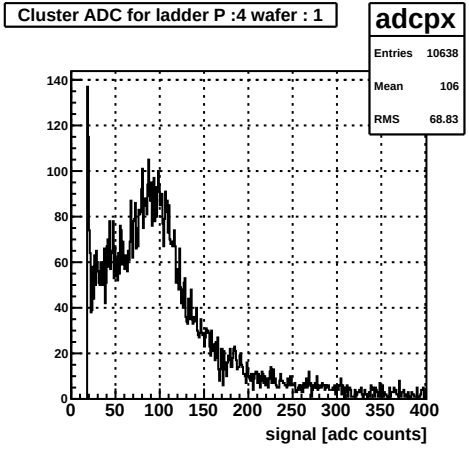

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 12433
Mean 62.05
RMS 49.45
signal [adc counts]

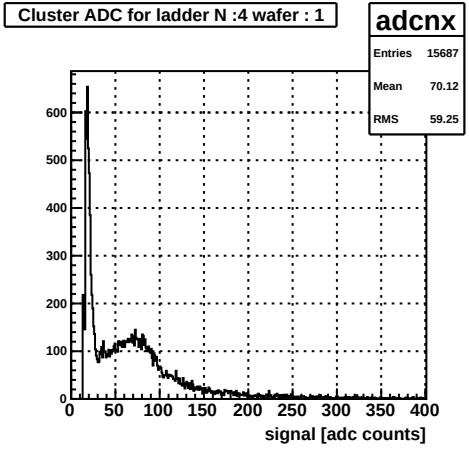

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 13913
Mean 81.57
RMS 64.86
signal [adc counts]

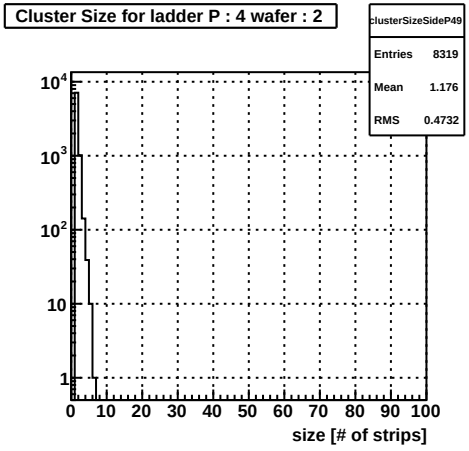

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 10638
Mean 1.287
RMS 0.5756
size [# of strips]

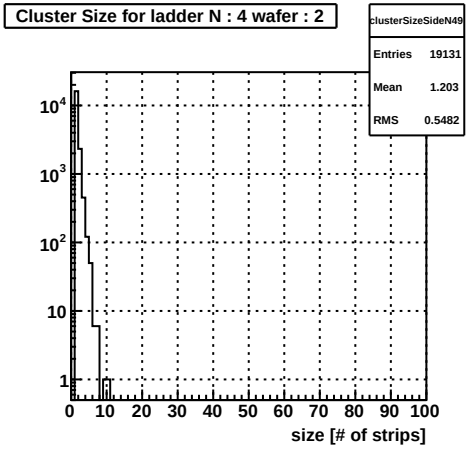

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 15687
Mean 1.551
RMS 0.8949
size [# of strips]

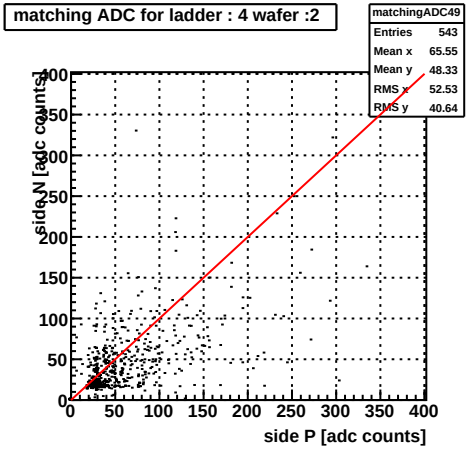

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 9328
Mean x 92.95
Mean y 87.52
RMS x 61.44
RMS y 56.69
side N [adc counts]
side P [adc counts]

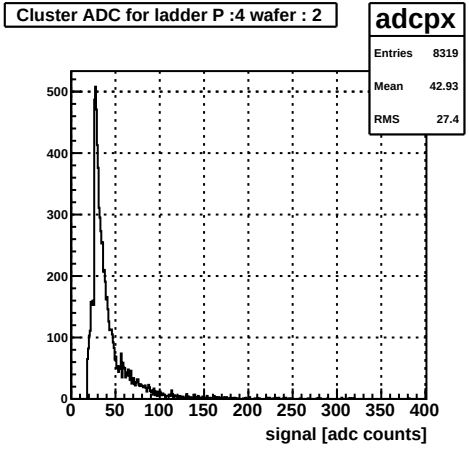

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 10638
Mean 106
RMS 68.83
signal [adc counts]

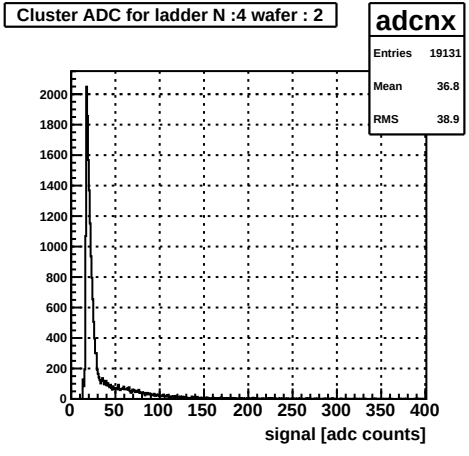

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 15687
Mean 70.12
RMS 59.25
signal [adc counts]

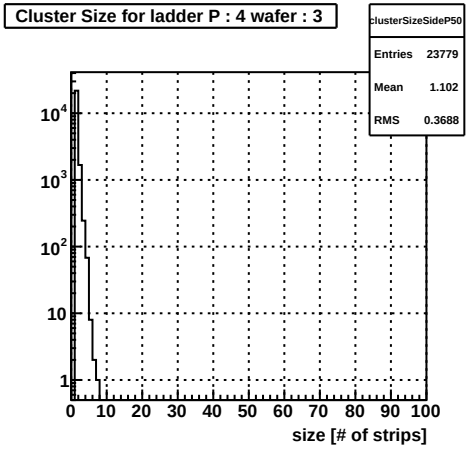

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 8319
Mean 1.176
RMS 0.4732
size [# of strips]

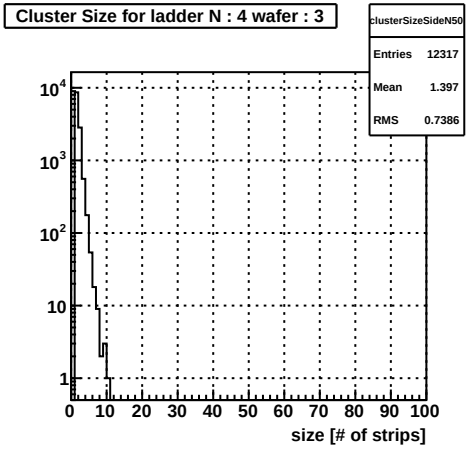

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 19131
Mean 1.203
RMS 0.5482
size [# of strips]

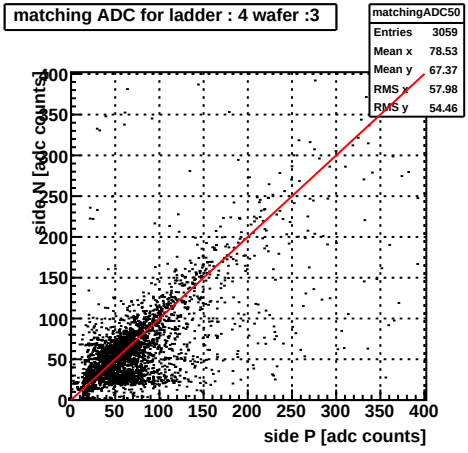

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 543
Mean x 65.55
Mean y 48.33
RMS x 52.53
RMS y 40.64
side N [adc counts]
side P [adc counts]

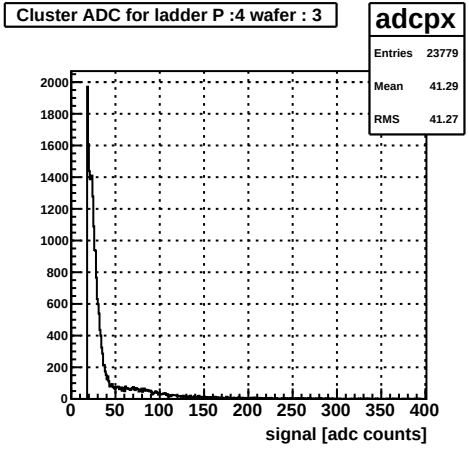

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 8319
Mean 42.93
RMS 27.4
signal [adc counts]

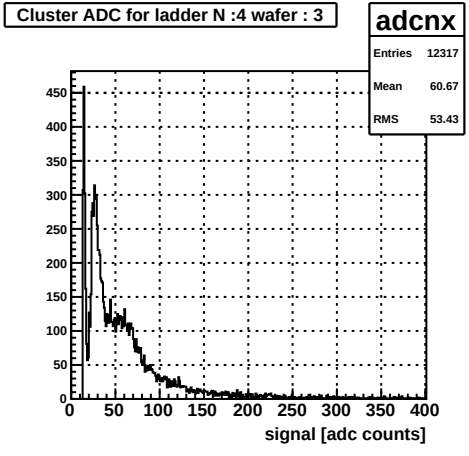

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 19131
Mean 36.8
RMS 38.9
signal [adc counts]

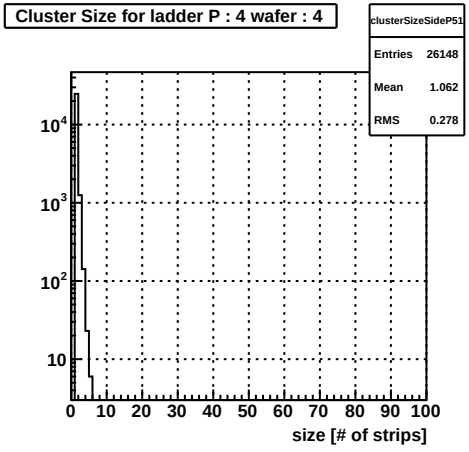

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 23779
Mean 1.102
RMS 0.3688
size [# of strips]

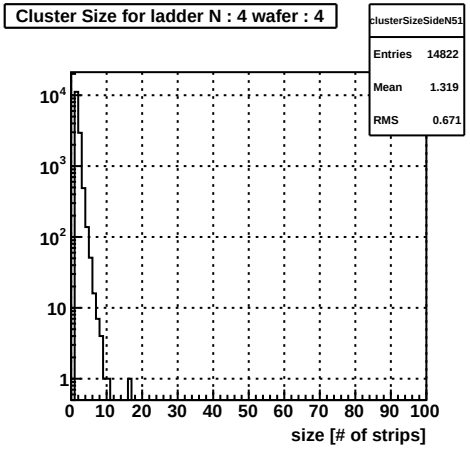

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 12317
Mean 1.397
RMS 0.7386
size [# of strips]

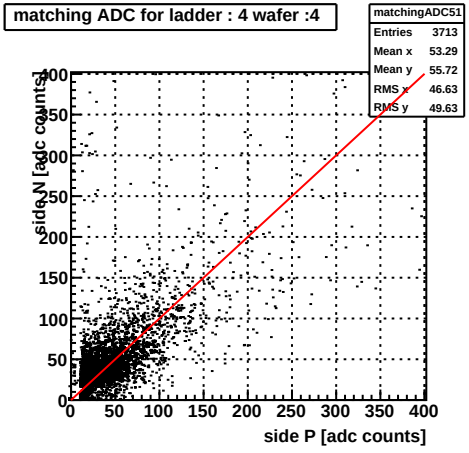

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 3059
Mean x 78.53
Mean y 67.37
RMS x 57.98
RMS y 54.46
side N [adc counts]
side P [adc counts]

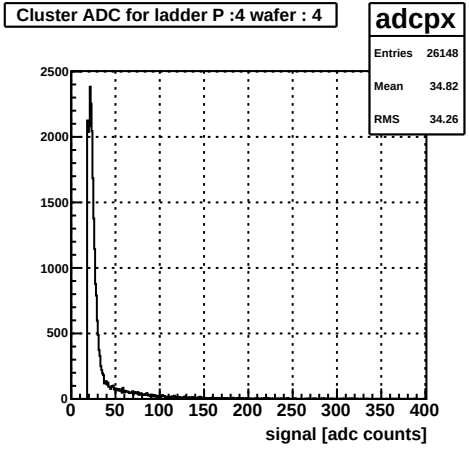

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 23779
Mean 41.29
RMS 41.27
signal [adc counts]

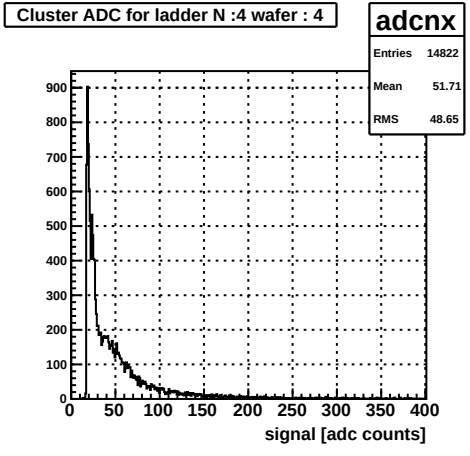

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 12317
Mean 60.67
RMS 53.43
signal [adc counts]

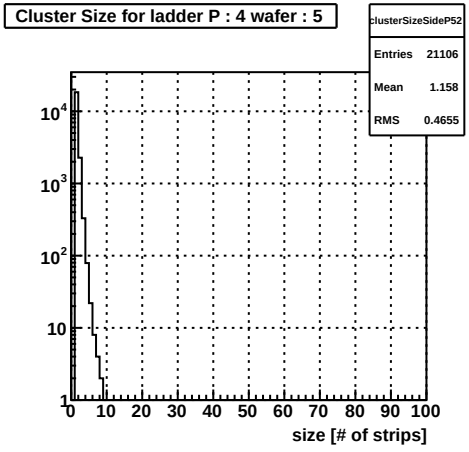

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 26148
Mean 1.062
RMS 0.278
size [# of strips]

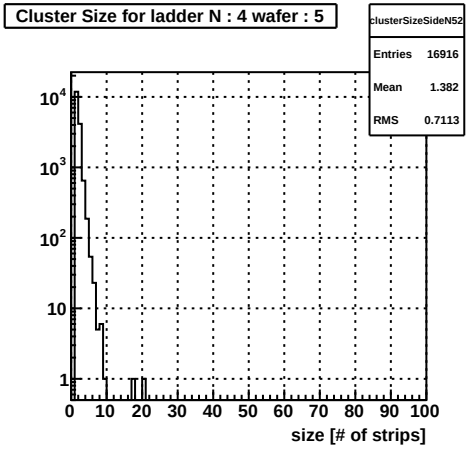

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 14822
Mean 1.319
RMS 0.671
size [# of strips]

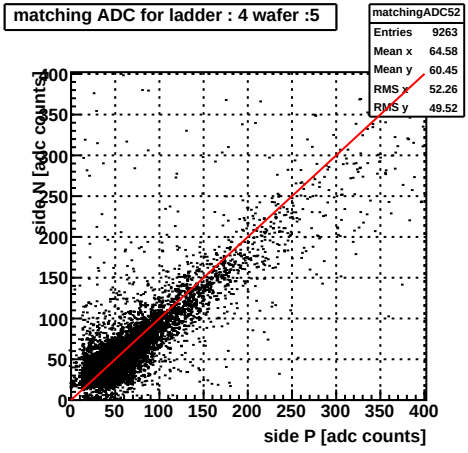

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 3713
Mean x 53.29
Mean y 55.72
RMS x 46.63
RMS y 49.63
side N [adc counts]
side P [adc counts]

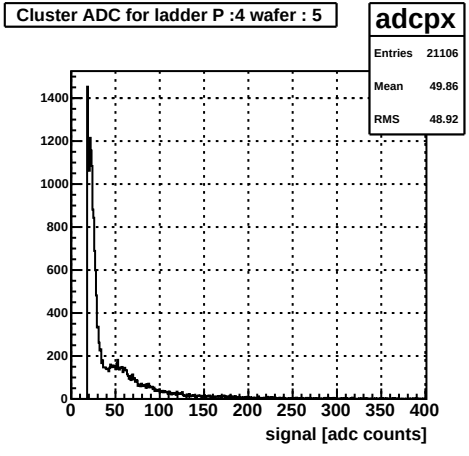

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 26148
Mean 34.82
RMS 34.26
signal [adc counts]

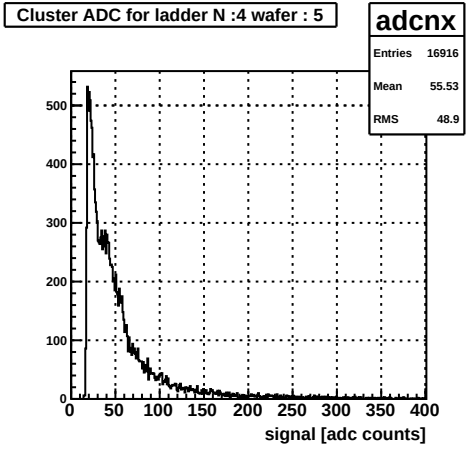

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 14822
Mean 51.71
RMS 48.65
signal [adc counts]

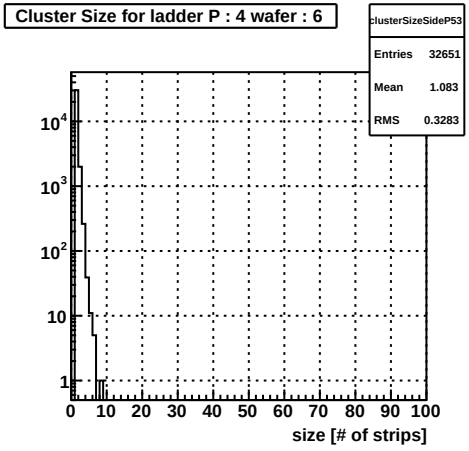

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 21106
Mean 1.158
RMS 0.4655
size [# of strips]

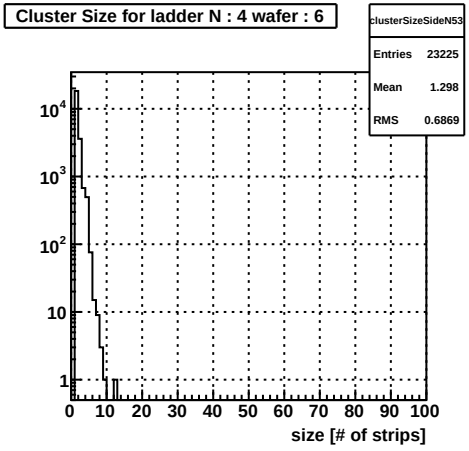

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 16916
Mean 1.382
RMS 0.7113
size [# of strips]

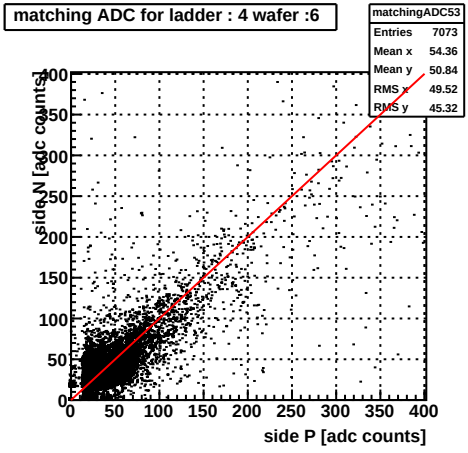

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 9263
Mean x 64.58
Mean y 60.45
RMS x 52.26
RMS y 49.52
side N [adc counts]
side P [adc counts]

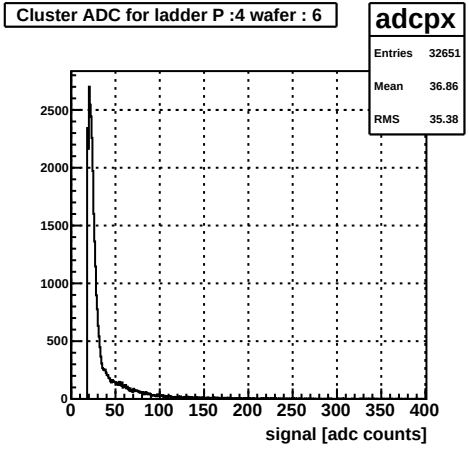

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 21106
Mean 49.86
RMS 48.92
signal [adc counts]

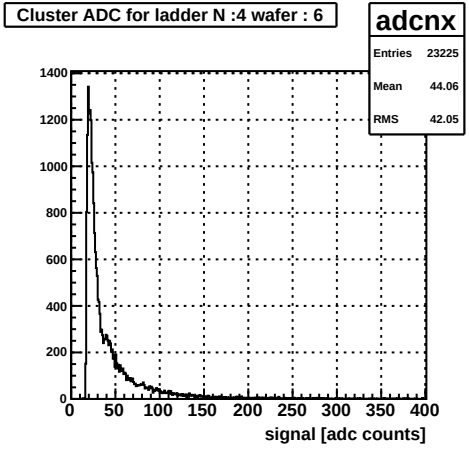

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 16916
Mean 55.53
RMS 48.9
signal [adc counts]

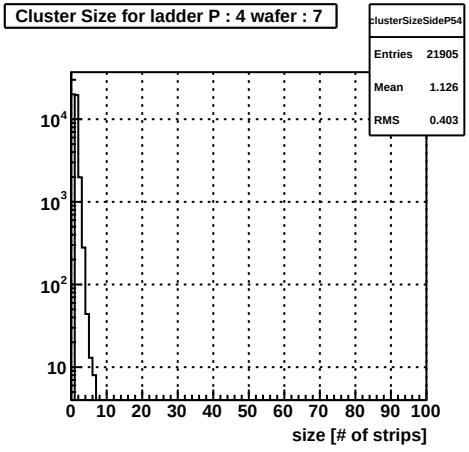

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 32651
Mean 1.083
RMS 0.3283
size [# of strips]

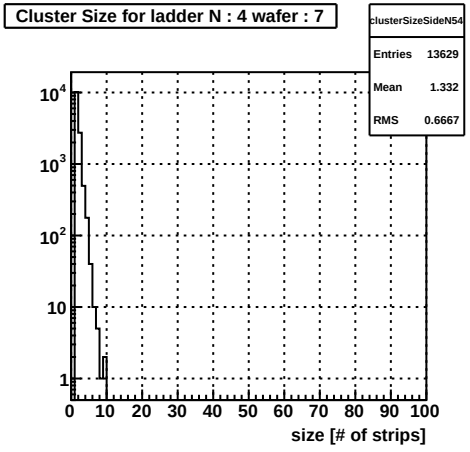

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 23225
Mean 1.298
RMS 0.6869
size [# of strips]

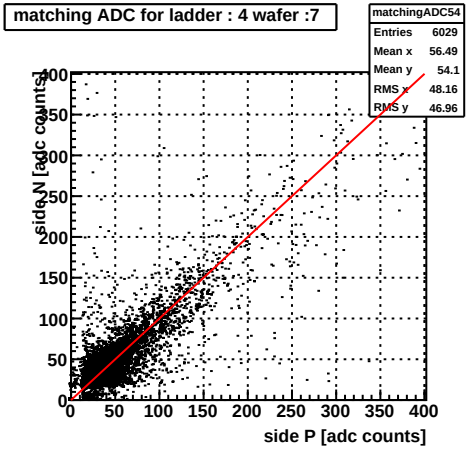

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 7073
Mean x 54.36
Mean y 50.84
RMS x 49.52
RMS y 45.32
side N [adc counts]
side P [adc counts]

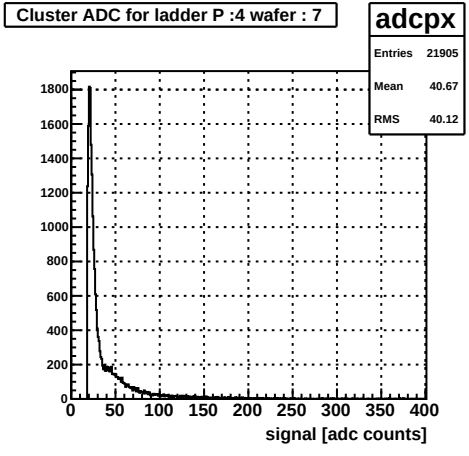

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 32651
Mean 36.86
RMS 35.38
signal [adc counts]

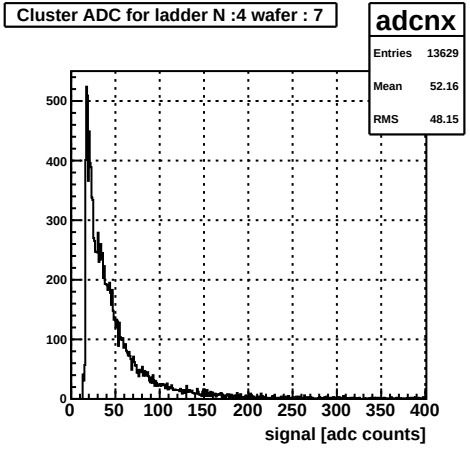

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 23225
Mean 44.06
RMS 42.05
signal [adc counts]

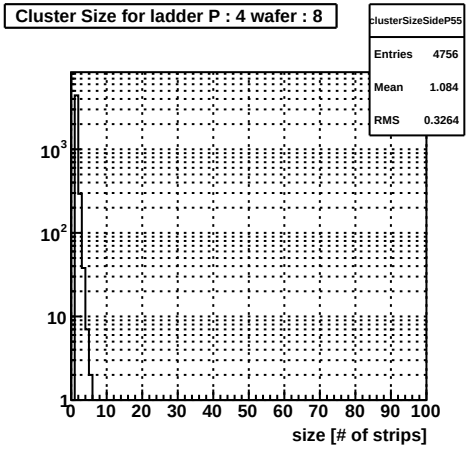

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 21905
Mean 1.126
RMS 0.403
size [# of strips]

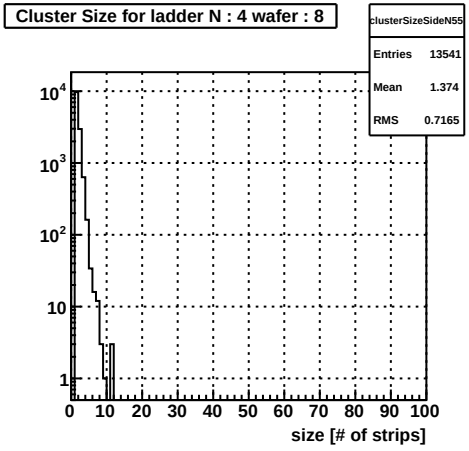

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 13629
Mean 1.332
RMS 0.6667
size [# of strips]

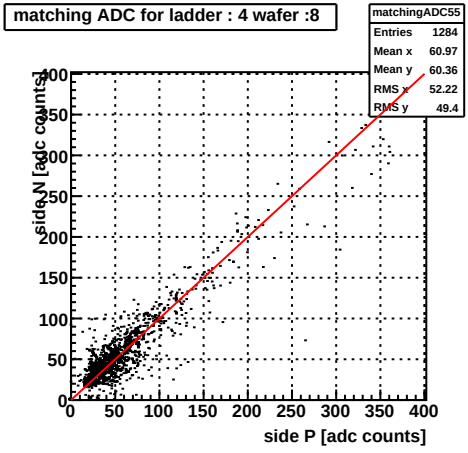

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 6029
Mean x 56.49
Mean y 54.1
RMS x 48.16
RMS y 46.96
side N [adc counts]
side P [adc counts]

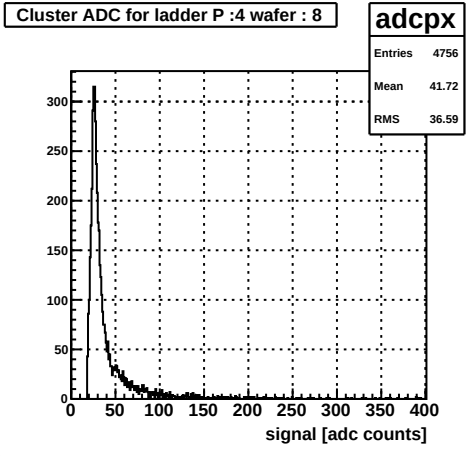

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 21905
Mean 40.67
RMS 40.12
signal [adc counts]

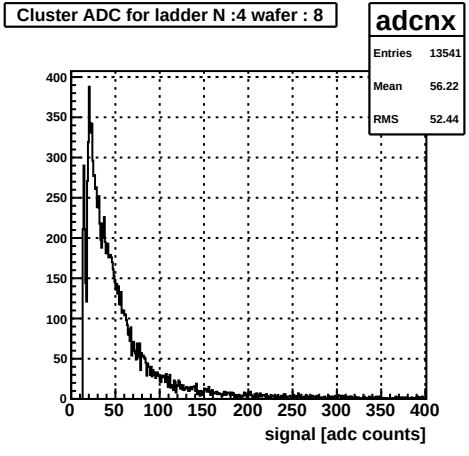

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 13629
Mean 52.16
RMS 48.15
signal [adc counts]

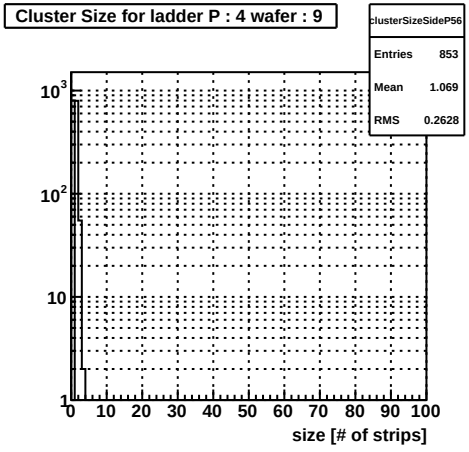

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 4756
Mean 1.084
RMS 0.3264
size [# of strips]

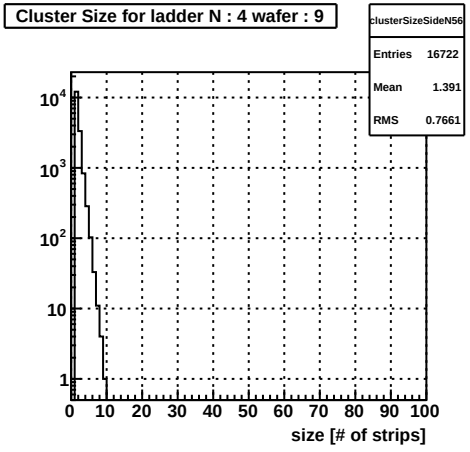

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 13541
Mean 1.374
RMS 0.7165
size [# of strips]

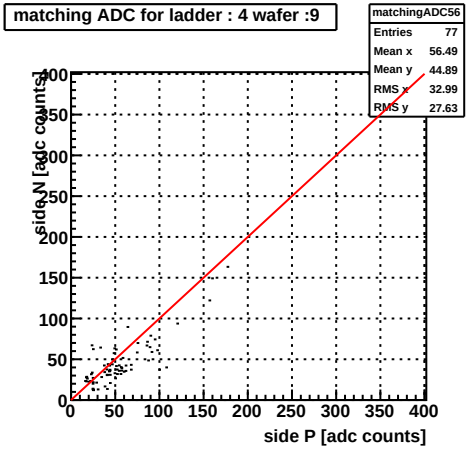

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 1284
Mean x 60.97
Mean y 60.36
RMS x 52.22
RMS y 49.4
side N [adc counts]
side P [adc counts]

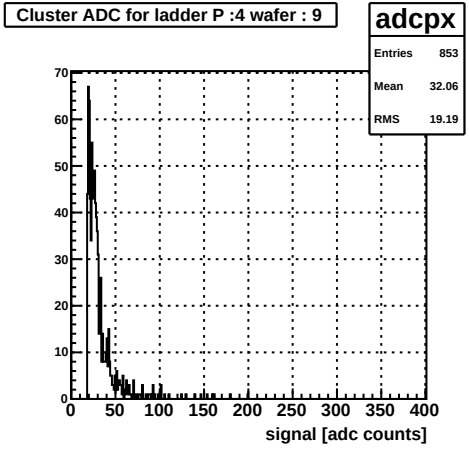

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 4756
Mean 41.72
RMS 36.59
signal [adc counts]

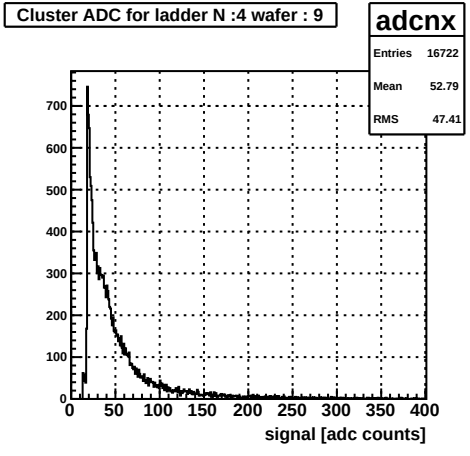

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 13541
Mean 56.22
RMS 52.44
signal [adc counts]

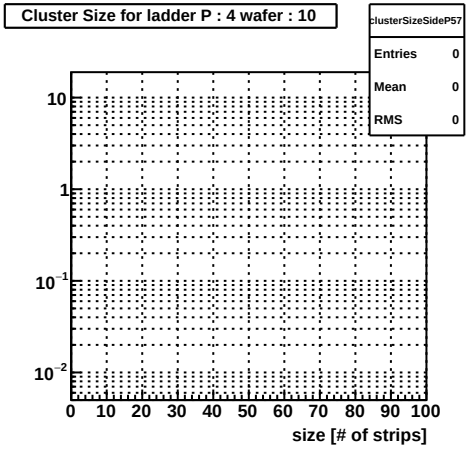

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 853
Mean 1.069
RMS 0.2628
size [# of strips]

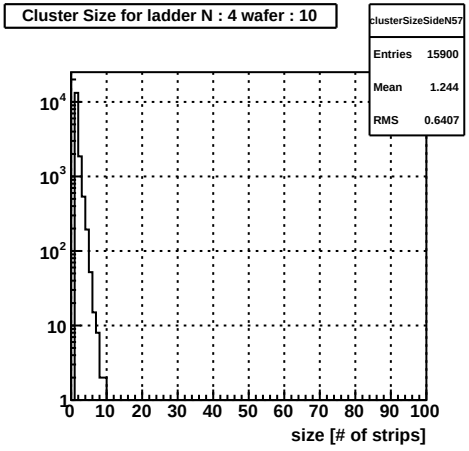

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 16722
Mean 1.391
RMS 0.7661
size [# of strips]

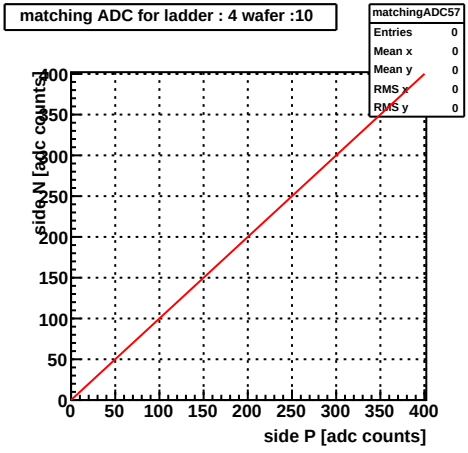

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 77
Mean x 56.49
Mean y 44.89
RMS x 32.99
RMS y 27.63
side N [adc counts]
side P [adc counts]

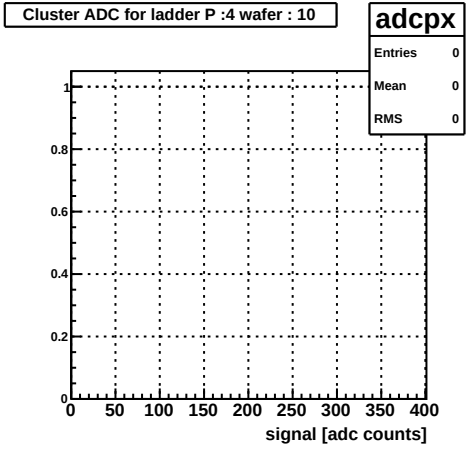

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 853
Mean 32.06
RMS 19.19
signal [adc counts]

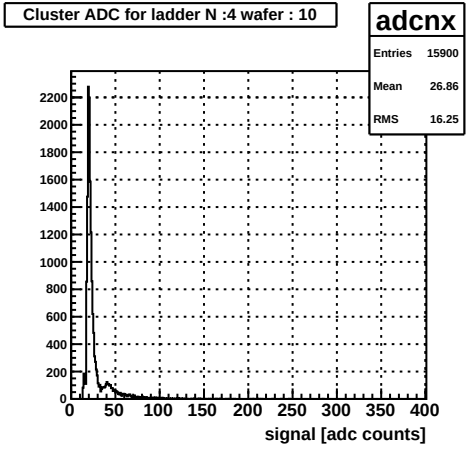

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 16722
Mean 52.79
RMS 47.41
signal [adc counts]

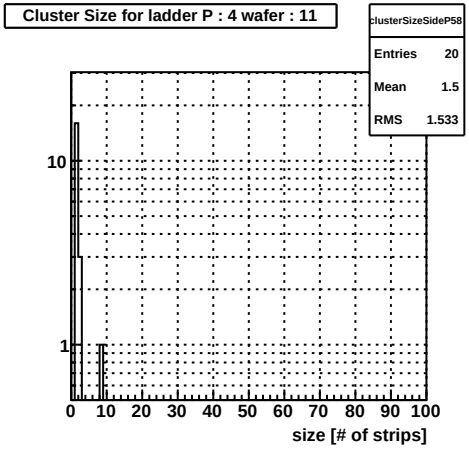

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

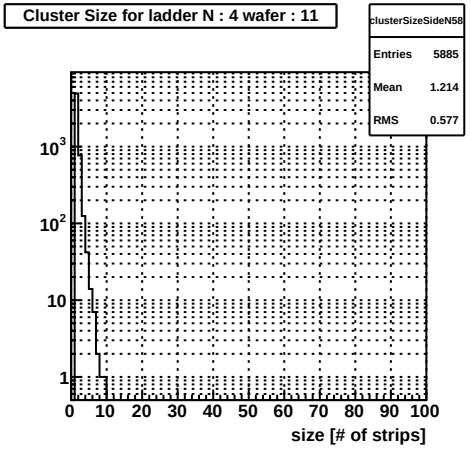

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 15900
Mean 1.244
RMS 0.6407
size [# of strips]

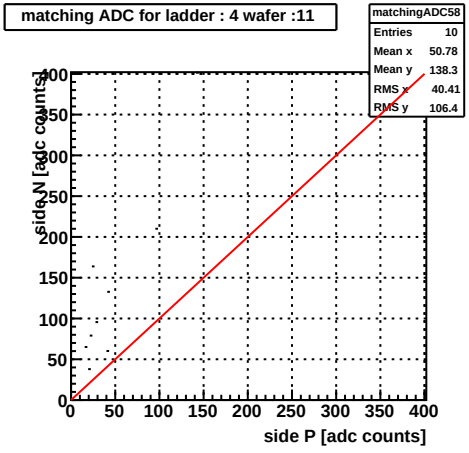

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

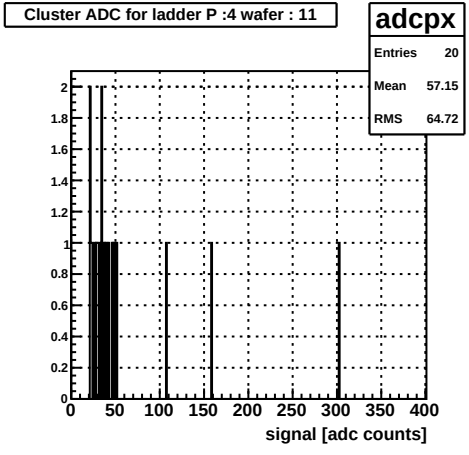

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

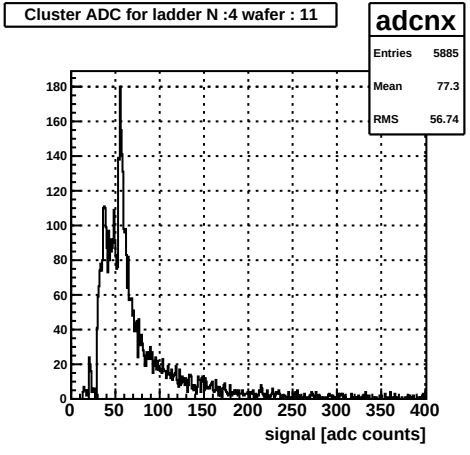

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 15900
Mean 26.86
RMS 16.25
signal [adc counts]

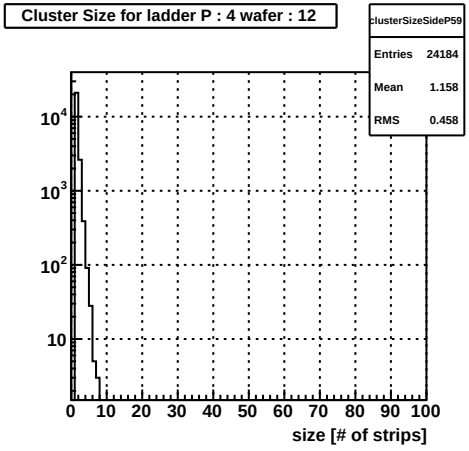

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 20
Mean 1.5
RMS 1.533
size [# of strips]

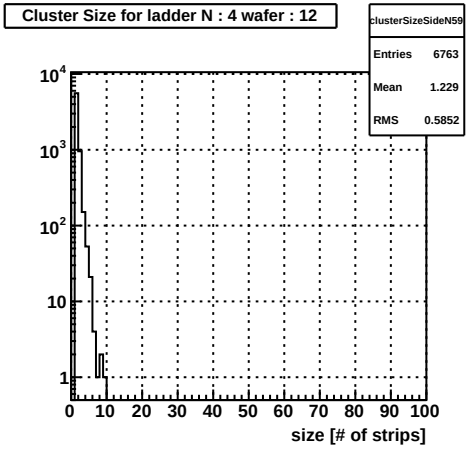

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 5885
Mean 1.214
RMS 0.577
size [# of strips]

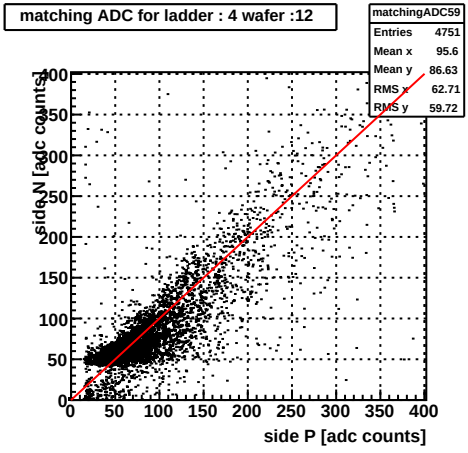

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 10
Mean x 50.78
Mean y 138.3
RMS x 40.41
RMS y 106.4
side N [adc counts]
side P [adc counts]

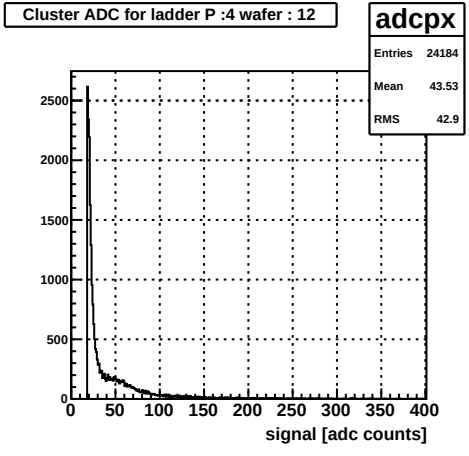

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 20
Mean 57.15
RMS 64.72
signal [adc counts]

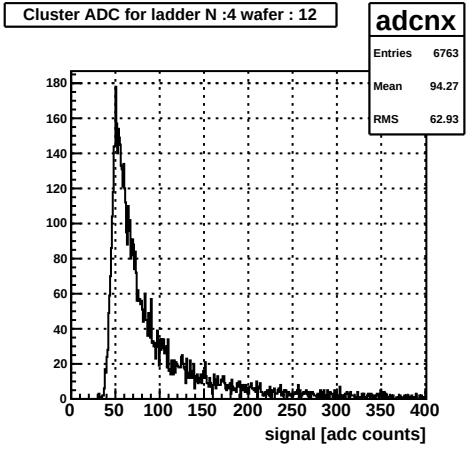

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 5885
Mean 77.3
RMS 56.74
signal [adc counts]

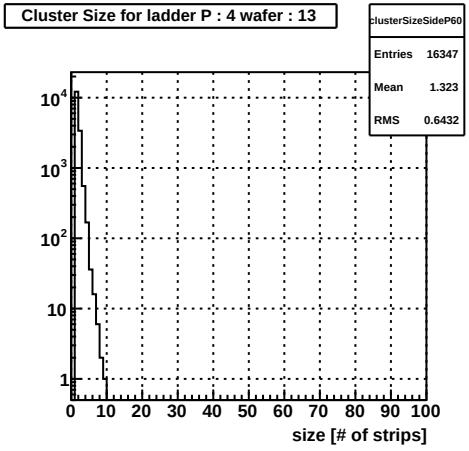

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 24184
Mean 1.158
RMS 0.458
size [# of strips]

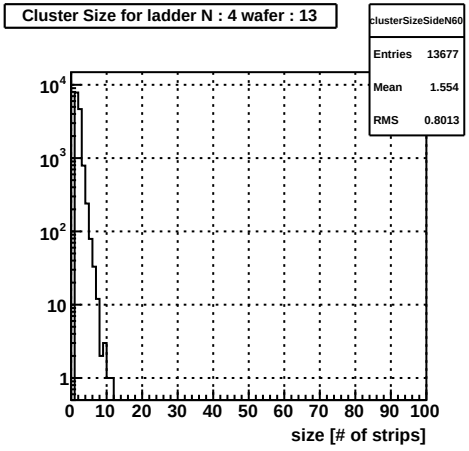

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 6763
Mean 1.229
RMS 0.5852
size [# of strips]

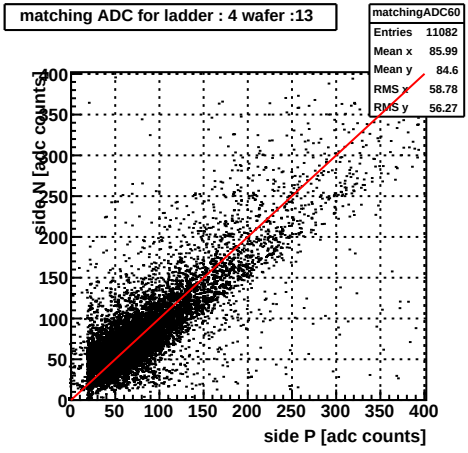

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 4751
Mean x 95.6
Mean y 86.63
RMS x 62.71
RMS y 59.72
side N [adc counts]
side P [adc counts]

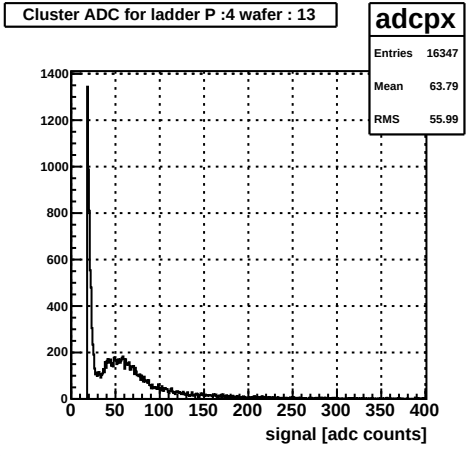

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 24184
Mean 43.53
RMS 42.9
signal [adc counts]

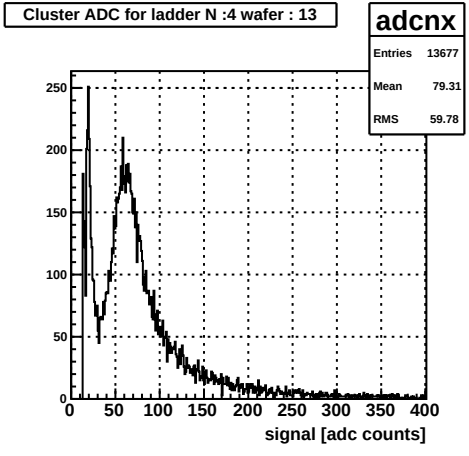

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 6763
Mean 94.27
RMS 62.93
signal [adc counts]

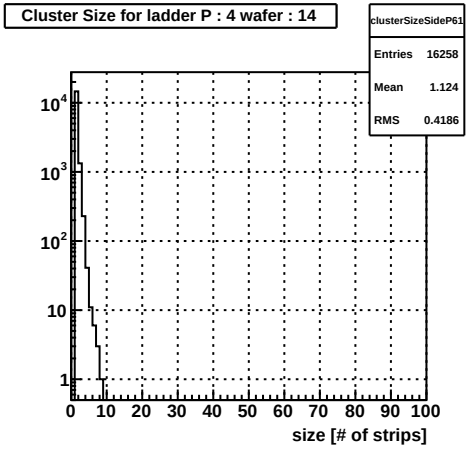

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 16347
Mean 1.323
RMS 0.6432
size [# of strips]

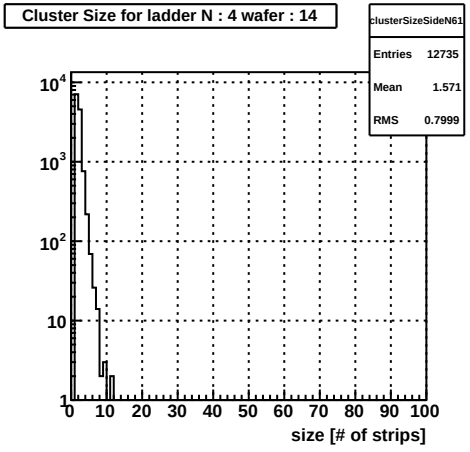

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 13677
Mean 1.554
RMS 0.8013
size [# of strips]

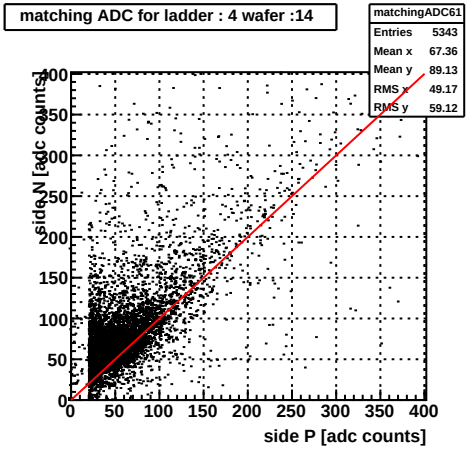

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 11082
Mean x 85.99
Mean y 84.6
RMS x 58.78
RMS y 56.27
side N [adc counts]
side P [adc counts]

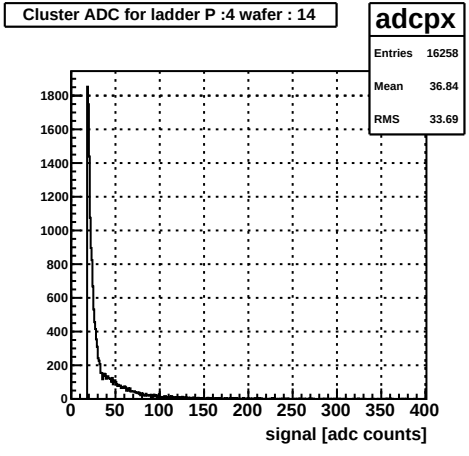

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 16347
Mean 63.79
RMS 55.99
signal [adc counts]

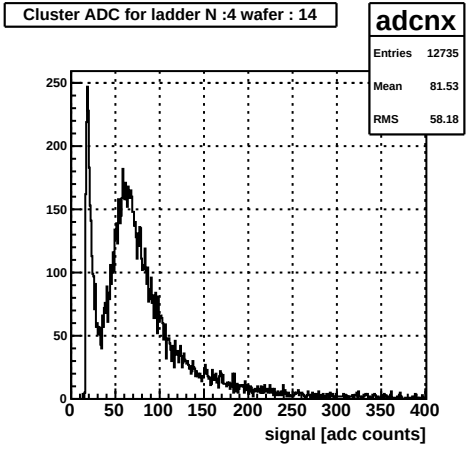

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 13677
Mean 79.31
RMS 59.78
signal [adc counts]

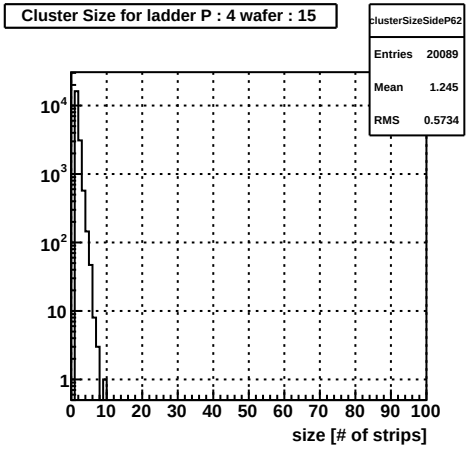

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 16258
Mean 1.124
RMS 0.4186
size [# of strips]

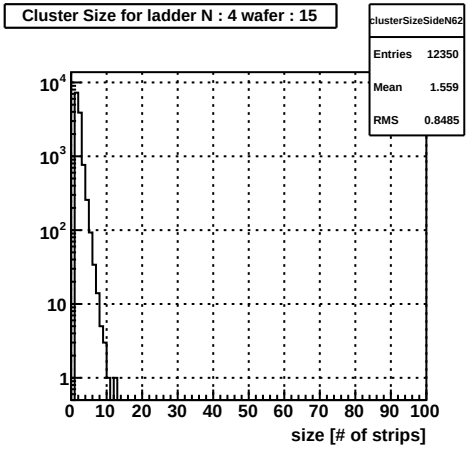

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 12735
Mean 1.571
RMS 0.7999
size [# of strips]

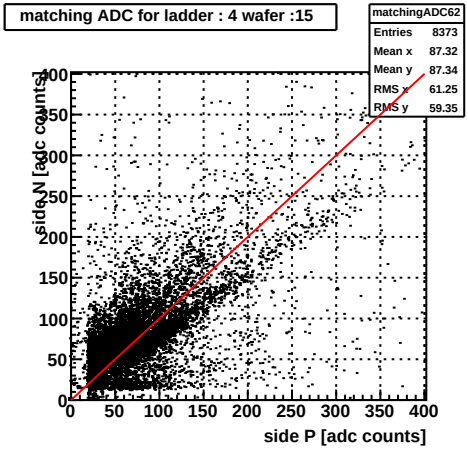

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5343
Mean x 67.36
Mean y 89.13
RMS x 49.17
RMS y 59.12
side N [adc counts]
side P [adc counts]

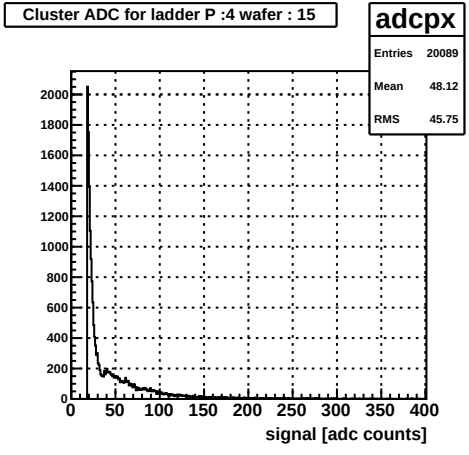

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 16258
Mean 36.84
RMS 33.69
signal [adc counts]

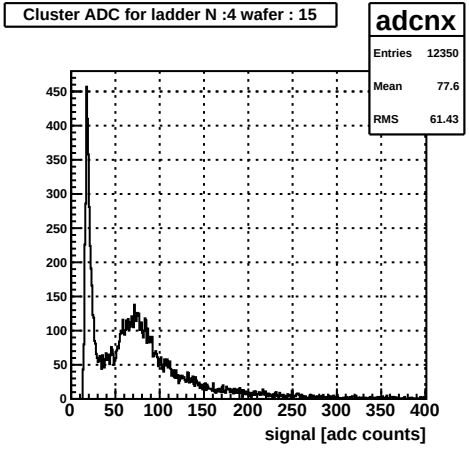

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 12735
Mean 81.53
RMS 58.18
signal [adc counts]

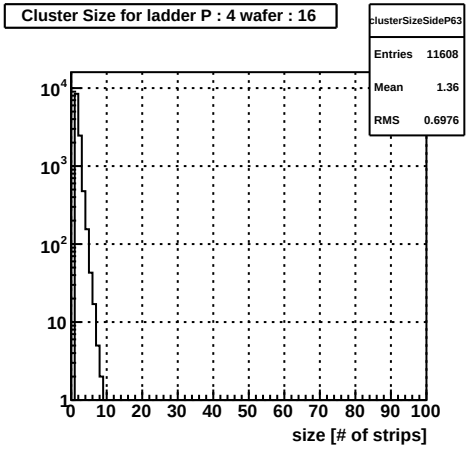

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 20089
Mean 1.245
RMS 0.5734
size [# of strips]

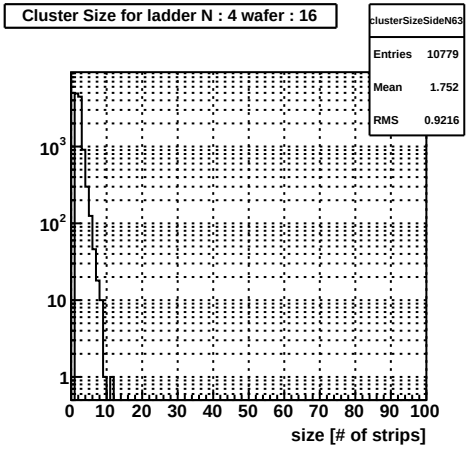

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 12350
Mean 1.559
RMS 0.8485
size [# of strips]

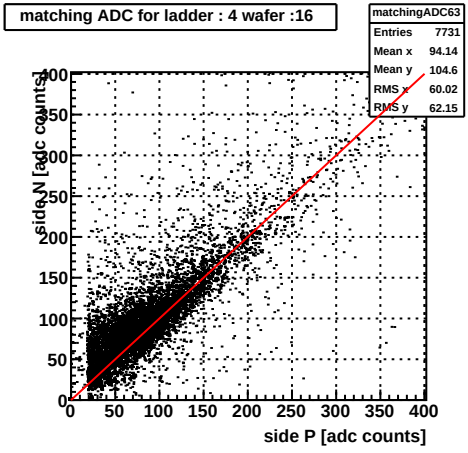

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 8373
Mean x 87.32
Mean y 87.34
RMS x 61.25
RMS y 59.35
side N [adc counts]
side P [adc counts]

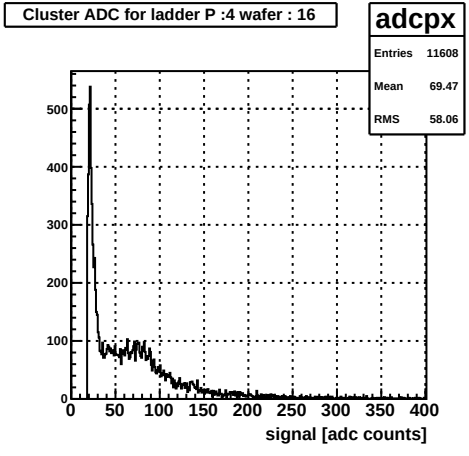

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 20089
Mean 48.12
RMS 45.75
signal [adc counts]

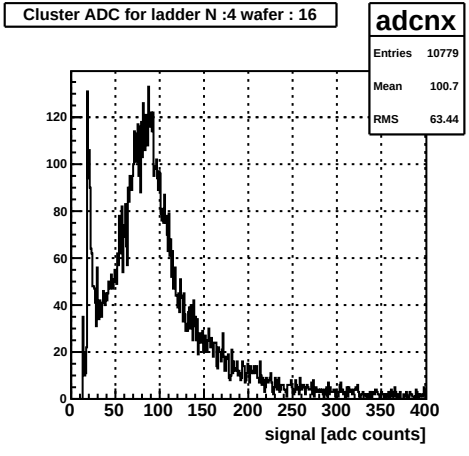

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 12350
Mean 77.6
RMS 61.43
signal [adc counts]

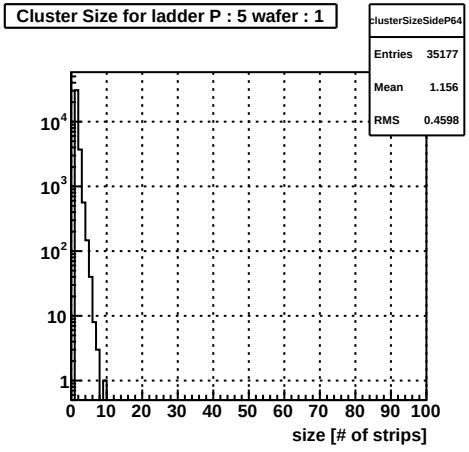

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 11608
Mean 1.36
RMS 0.6976
size [# of strips]

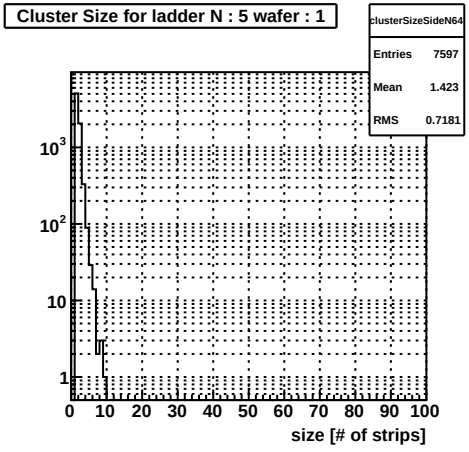

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 10779
Mean 1.752
RMS 0.9216
size [# of strips]

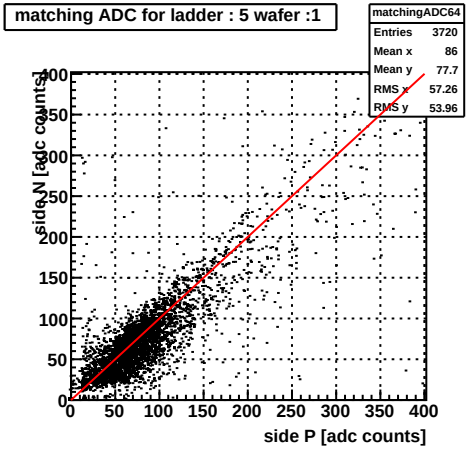

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 7731
Mean x 94.14
Mean y 104.6
RMS x 60.02
RMS y 62.15
side N [adc counts]
side P [adc counts]

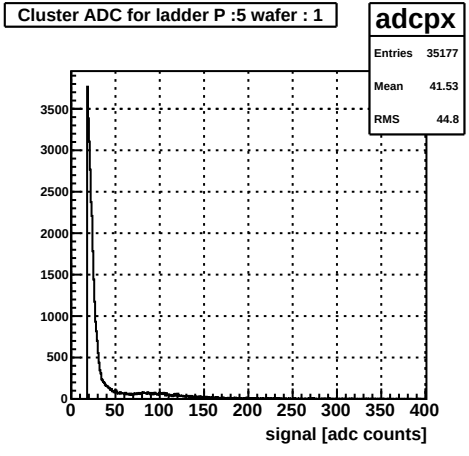

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 11608
Mean 69.47
RMS 58.06
signal [adc counts]

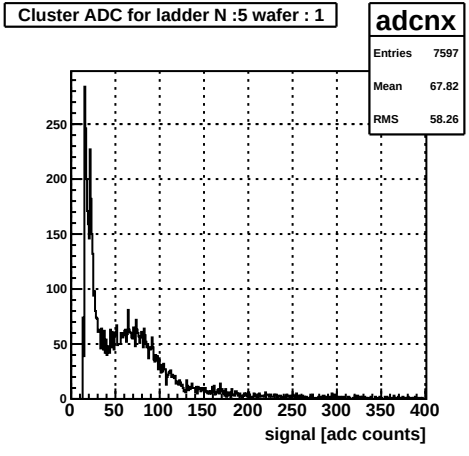

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 10779
Mean 100.7
RMS 63.44
signal [adc counts]

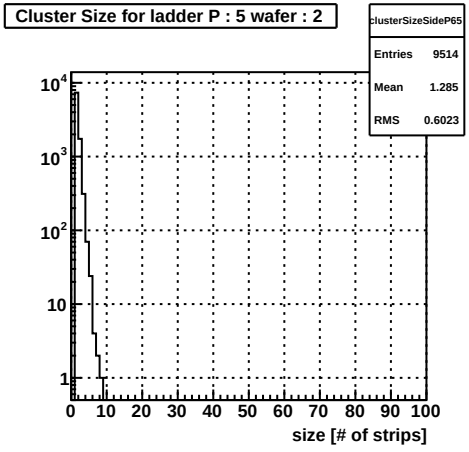

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 35177
Mean 1.156
RMS 0.4598
size [# of strips]

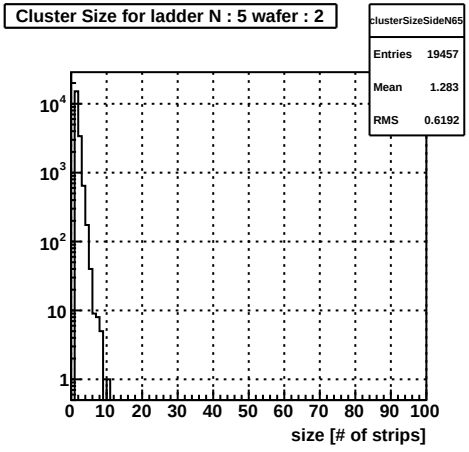

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 7597
Mean 1.423
RMS 0.7181
size [# of strips]

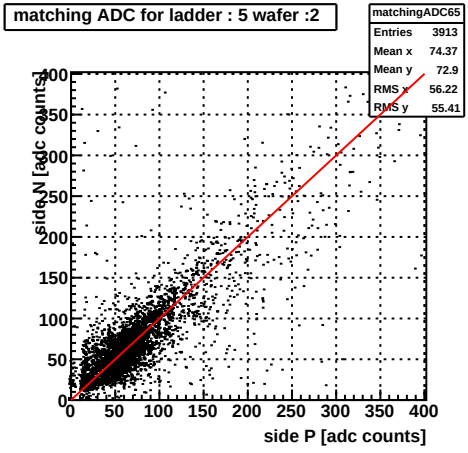

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3720
Mean x 86
Mean y 77.7
RMS x 57.26
RMS y 53.96
side N [adc counts]
side P [adc counts]

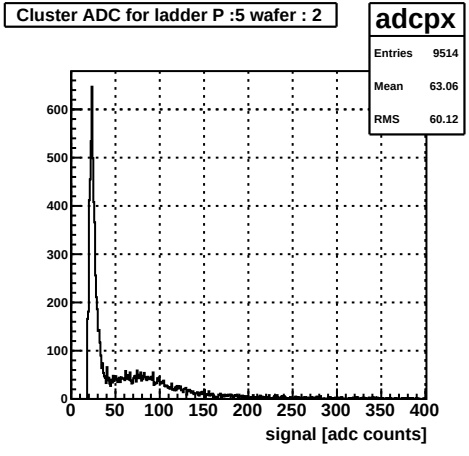

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 35177
Mean 41.53
RMS 44.8
signal [adc counts]

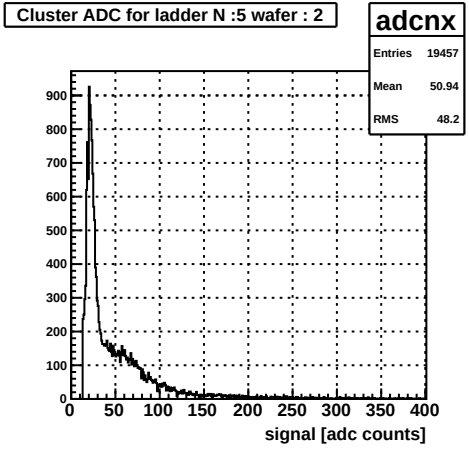

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 7597
Mean 67.82
RMS 58.26
signal [adc counts]

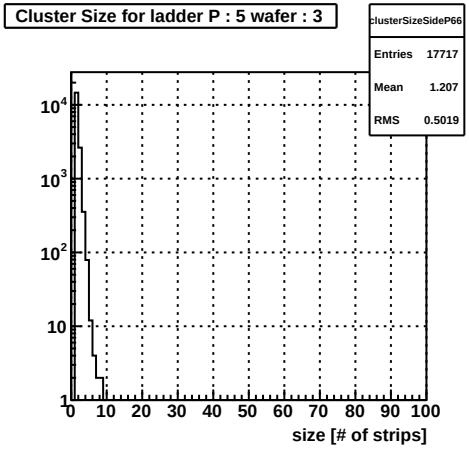

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 9514
Mean 1.285
RMS 0.6023
size [# of strips]

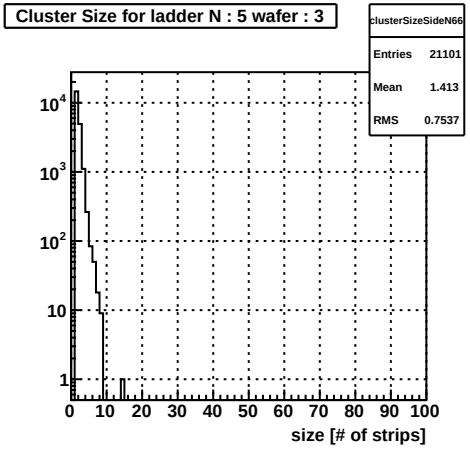

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 19457
Mean 1.283
RMS 0.6192
size [# of strips]

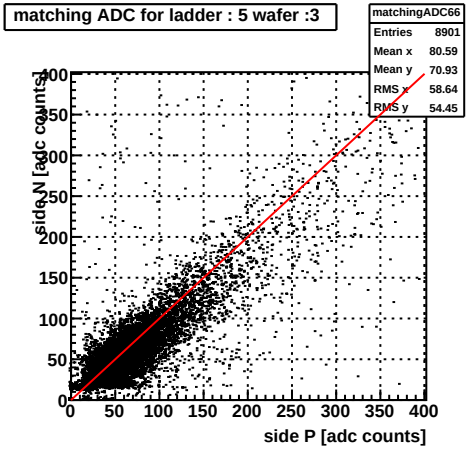

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3913
Mean x 74.37
Mean y 72.9
RMS x 56.22
RMS y 55.41
side N [adc counts]
side P [adc counts]

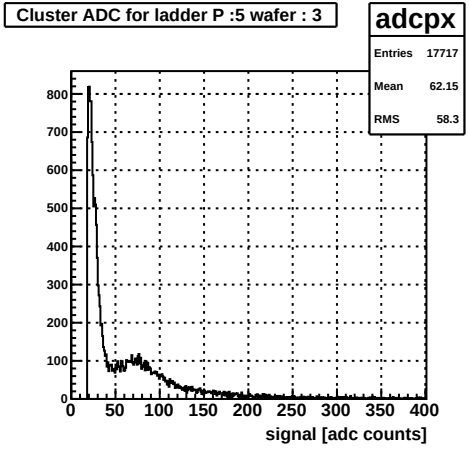

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 9514
Mean 63.06
RMS 60.12
signal [adc counts]

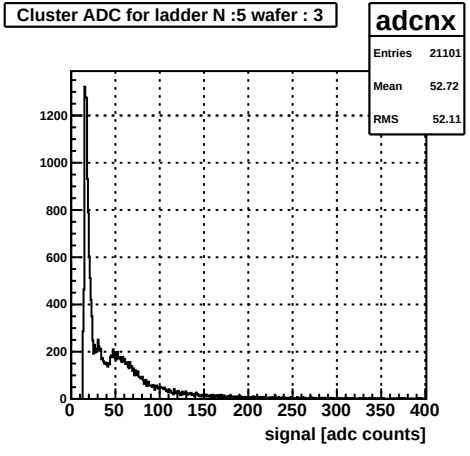

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 19457
Mean 50.94
RMS 48.2
signal [adc counts]

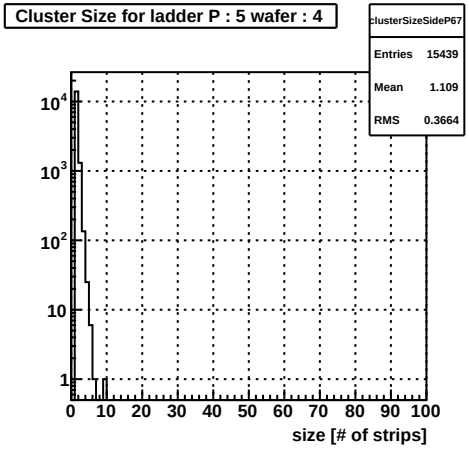

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 17717
Mean 1.207
RMS 0.5019
size [# of strips]

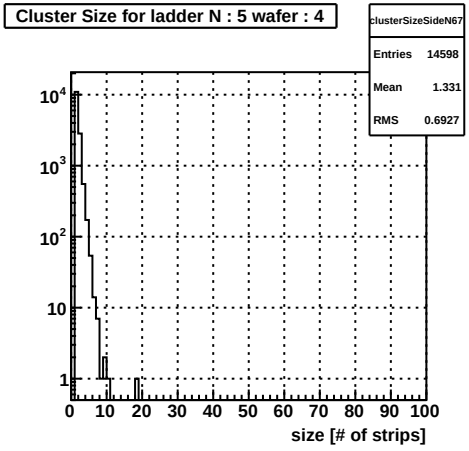

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 21101
Mean 1.413
RMS 0.7537
size [# of strips]

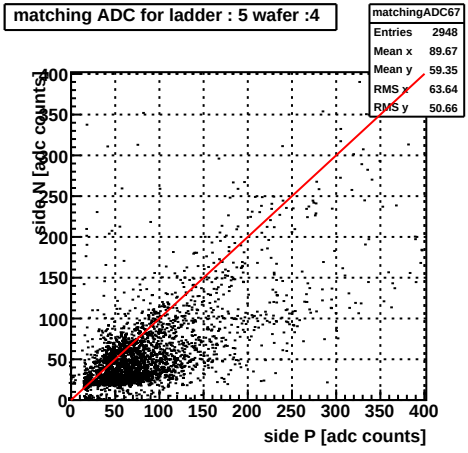

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 8901
Mean x 80.59
Mean y 70.93
RMS x 58.64
RMS y 54.45
side N [adc counts]
side P [adc counts]

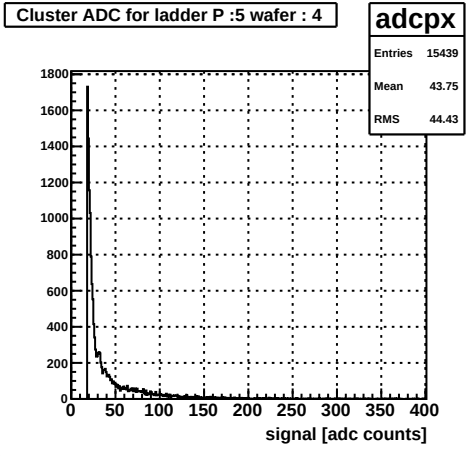

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 17717
Mean 62.15
RMS 58.3
signal [adc counts]

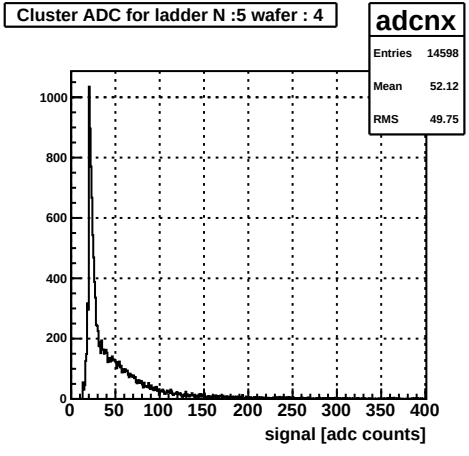

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 21101
Mean 52.72
RMS 52.11
signal [adc counts]

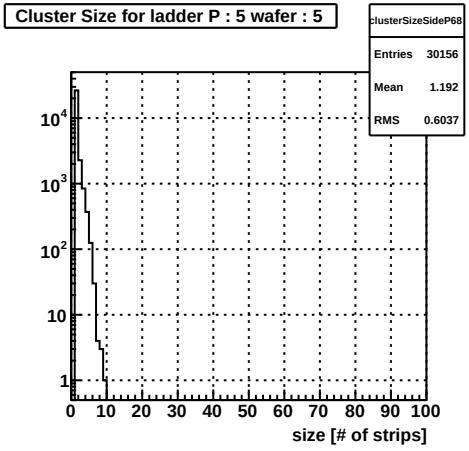

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 15439
Mean 1.109
RMS 0.3664
size [# of strips]

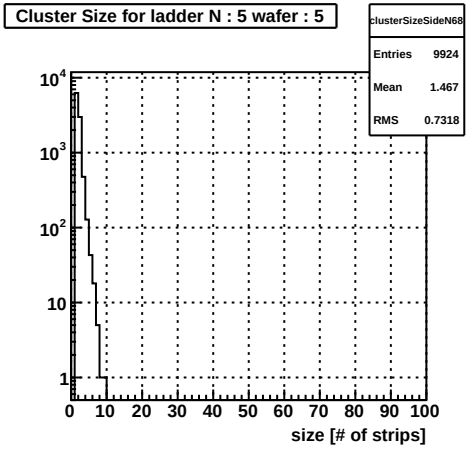

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 14598
Mean 1.331
RMS 0.6927
size [# of strips]

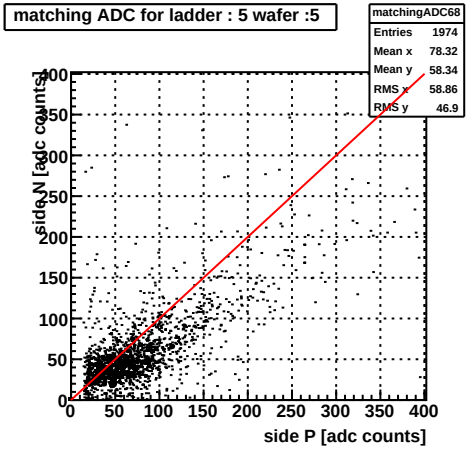

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 2948
Mean x 89.67
Mean y 59.35
RMS x 63.64
RMS y 50.66
side N [adc counts]
side P [adc counts]

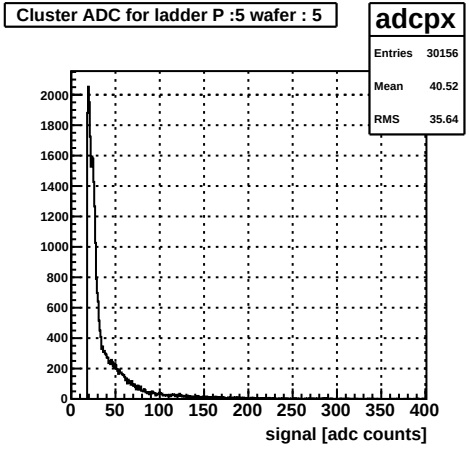

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 15439
Mean 43.75
RMS 44.43
signal [adc counts]

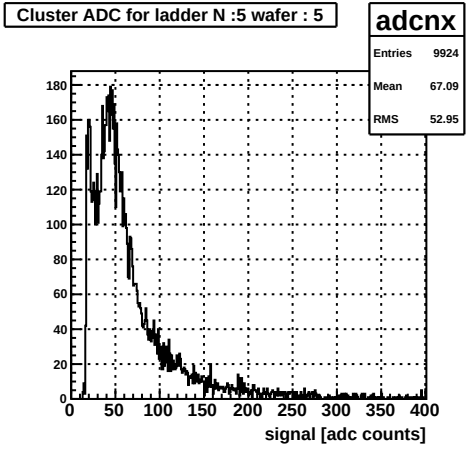

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 14598
Mean 52.12
RMS 49.75
signal [adc counts]

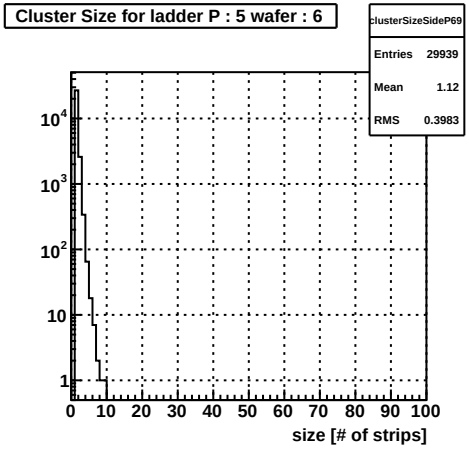

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 30156
Mean 1.192
RMS 0.6037
size [# of strips]

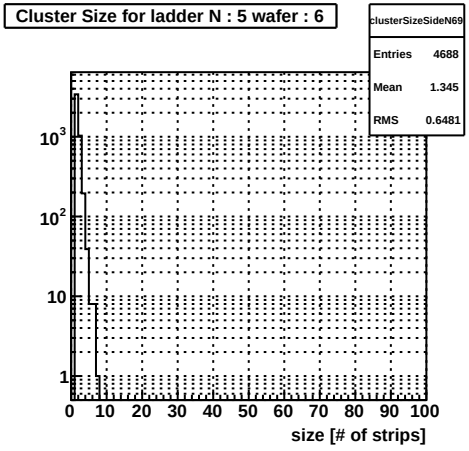

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 9924
Mean 1.467
RMS 0.7318
size [# of strips]

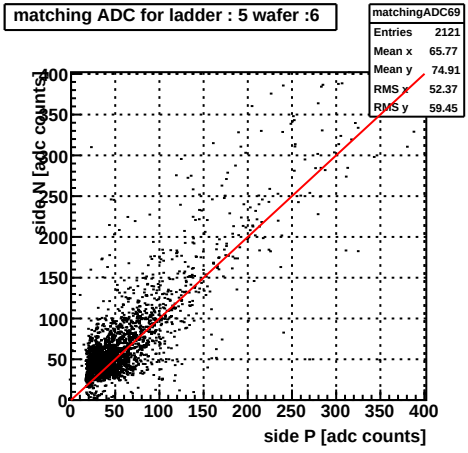

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1974
Mean x 78.32
Mean y 58.34
RMS x 58.86
RMS y 46.9
side N [adc counts]
side P [adc counts]

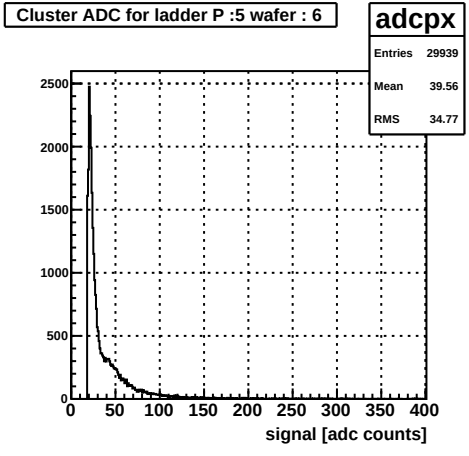

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 30156
Mean 40.52
RMS 35.64
signal [adc counts]

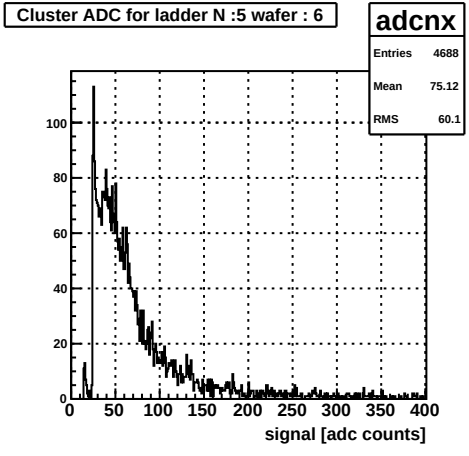

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 9924
Mean 67.09
RMS 52.95
signal [adc counts]

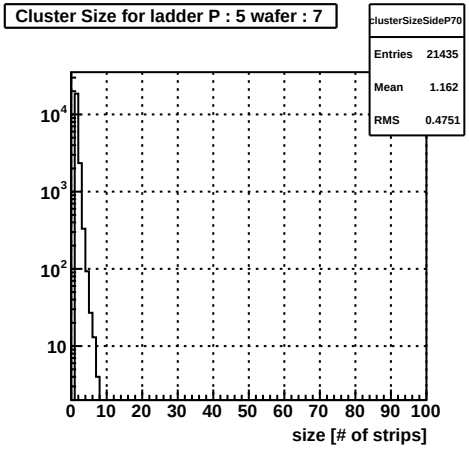

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 29939
Mean 1.12
RMS 0.3983
size [# of strips]

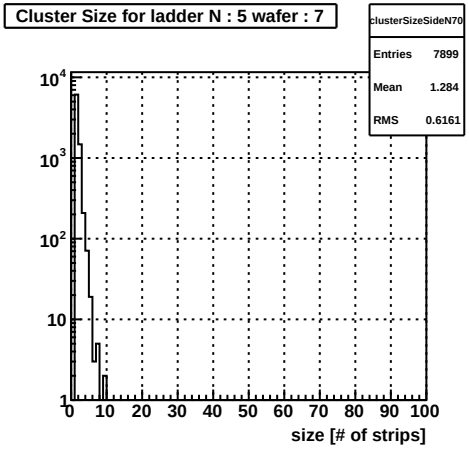

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4688
Mean 1.345
RMS 0.6481
size [# of strips]

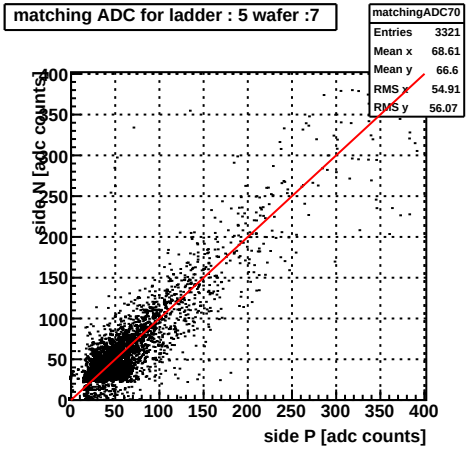

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2121
Mean x 65.77
Mean y 74.91
RMS x 52.37
RMS y 59.45
side N [adc counts]
side P [adc counts]

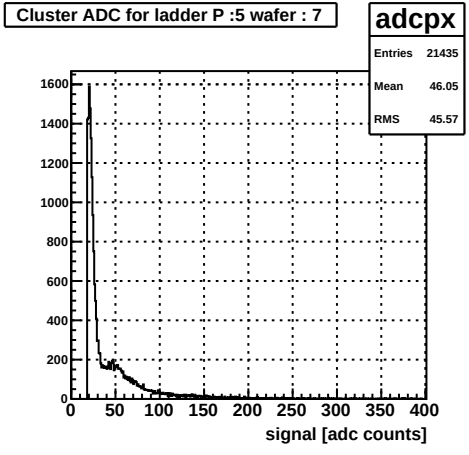

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 29939
Mean 39.56
RMS 34.77
signal [adc counts]

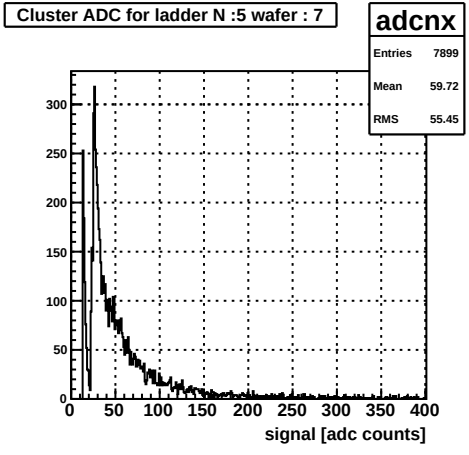

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4688
Mean 75.12
RMS 60.1
signal [adc counts]

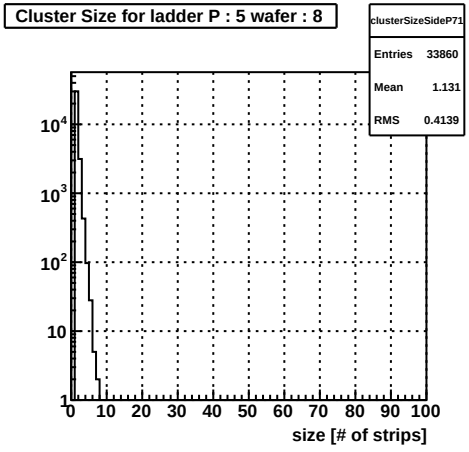

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 21435
Mean 1.162
RMS 0.4751
size [# of strips]

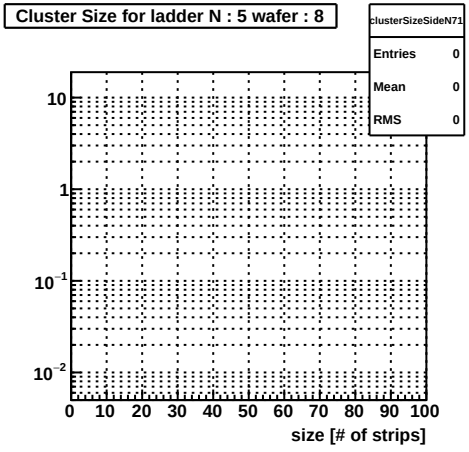

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 7899
Mean 1.284
RMS 0.6161
size [# of strips]

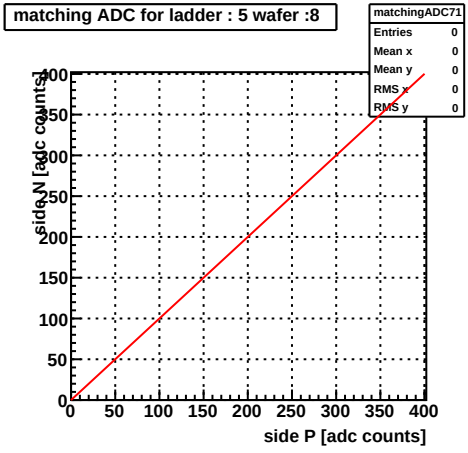

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3321
Mean x 68.61
Mean y 66.6
RMS x 54.91
RMS y 56.07
side N [adc counts]
side P [adc counts]

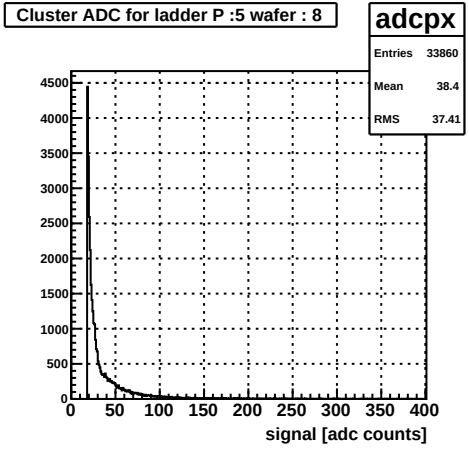

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 21435
Mean 46.05
RMS 45.57
signal [adc counts]

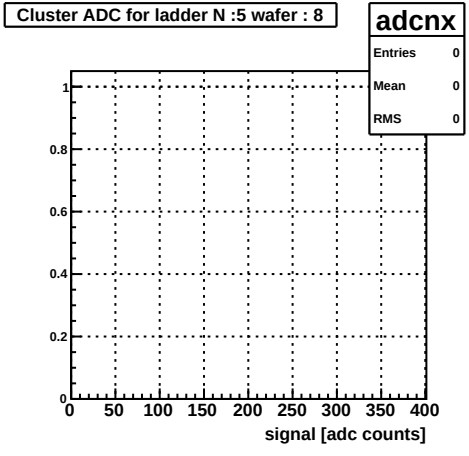

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 7899
Mean 59.72
RMS 55.45
signal [adc counts]

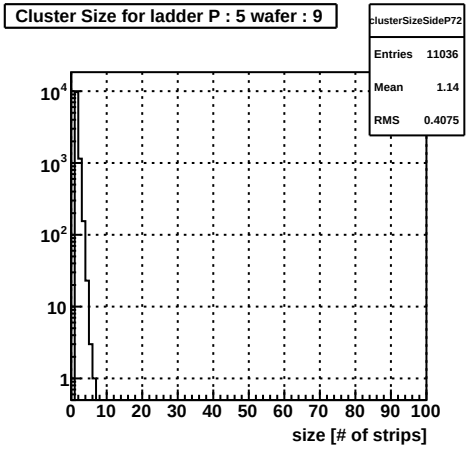

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 33860
Mean 1.131
RMS 0.4139
size [# of strips]

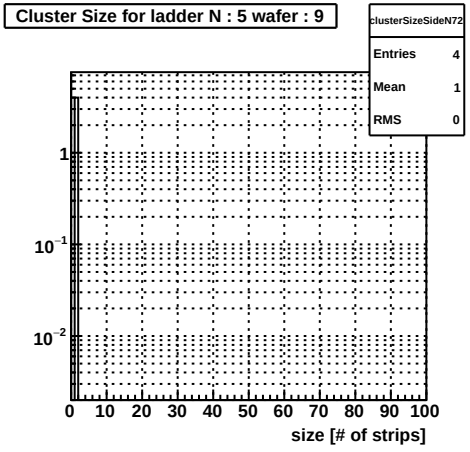

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

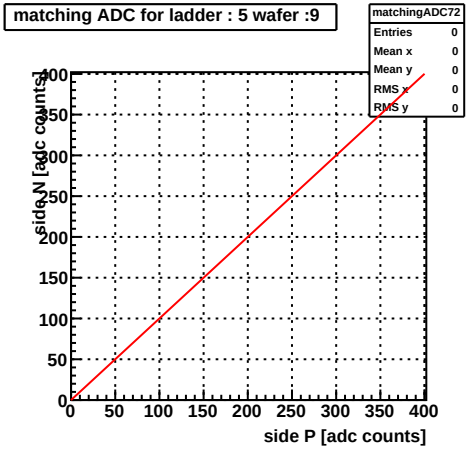

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

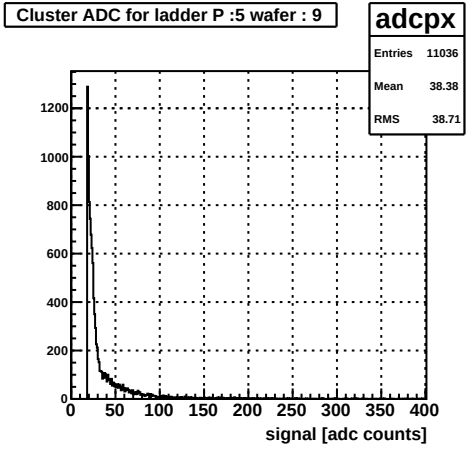

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 33860
Mean 38.4
RMS 37.41
signal [adc counts]

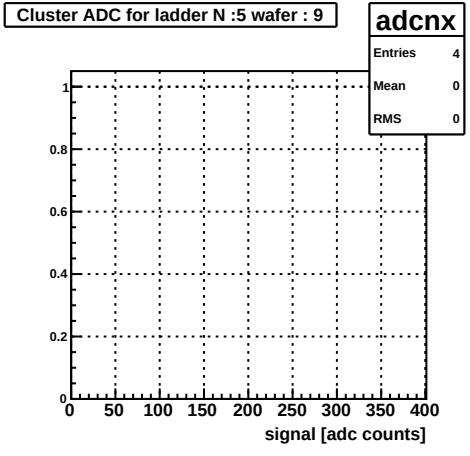

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

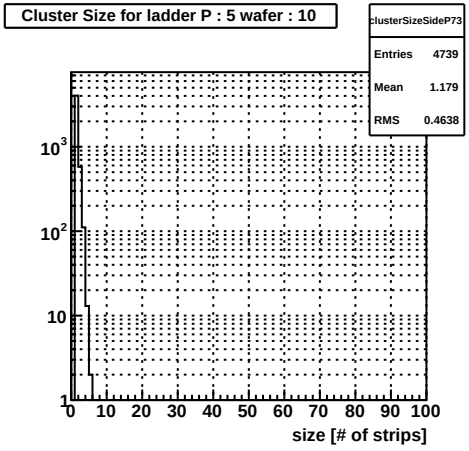

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 11036
Mean 1.14
RMS 0.4075
size [# of strips]

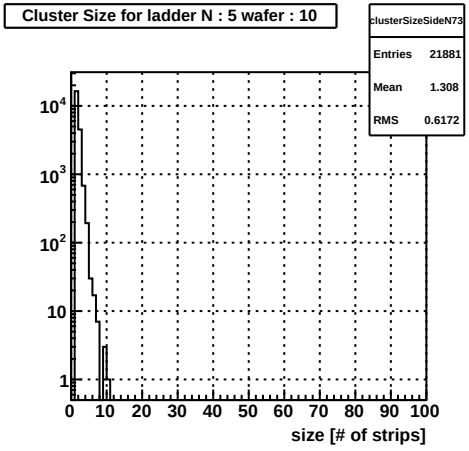

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 4
Mean 1
RMS 0
size [# of strips]

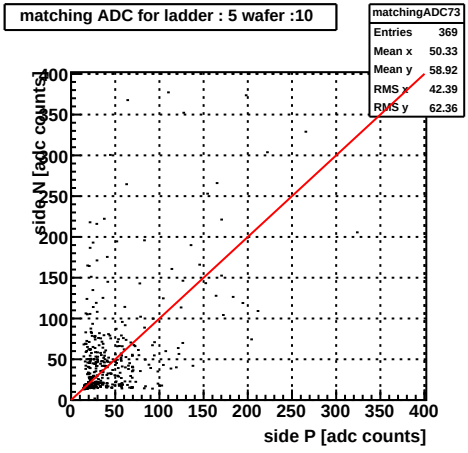

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

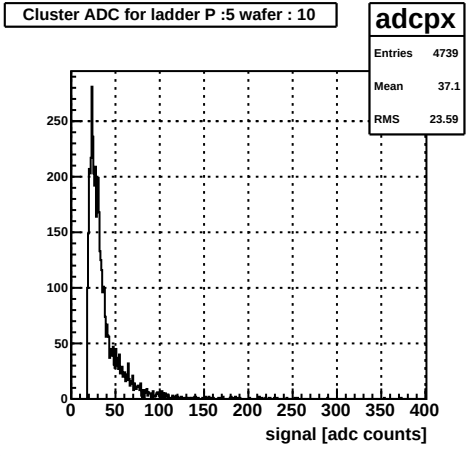

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 11036
Mean 38.38
RMS 38.71
signal [adc counts]

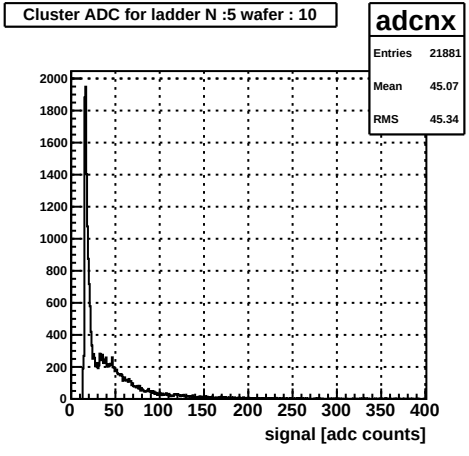

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

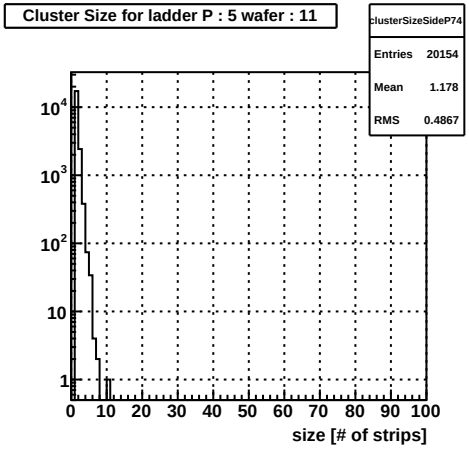

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 4739
Mean 1.179
RMS 0.4638
size [# of strips]

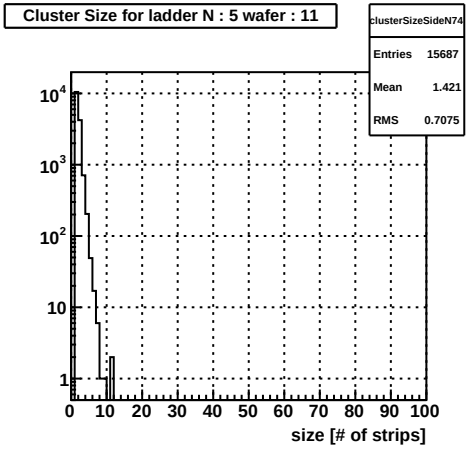

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 21881
Mean 1.308
RMS 0.6172
size [# of strips]

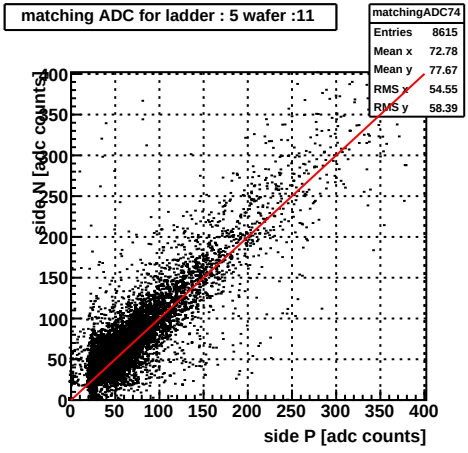

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 369
Mean x 50.33
Mean y 58.92
RMS x 42.39
RMS y 62.36
side N [adc counts]
side P [adc counts]

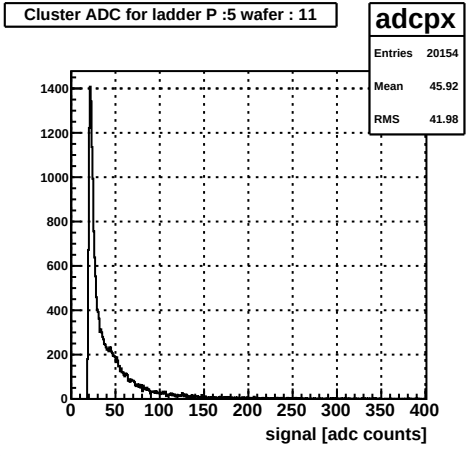

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 4739
Mean 37.1
RMS 23.59
signal [adc counts]

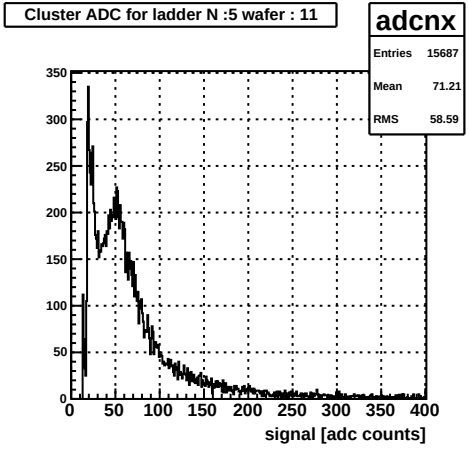

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 21881
Mean 45.07
RMS 45.34
signal [adc counts]

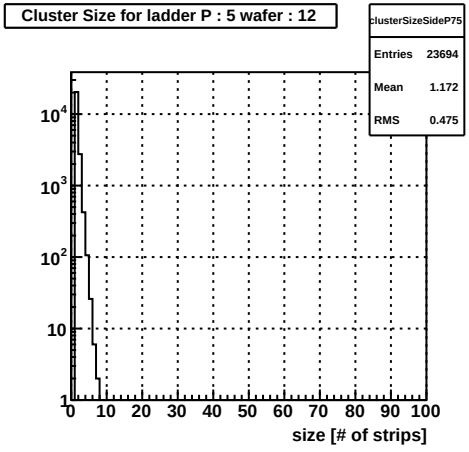

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 20154
Mean 1.178
RMS 0.4867
size [# of strips]

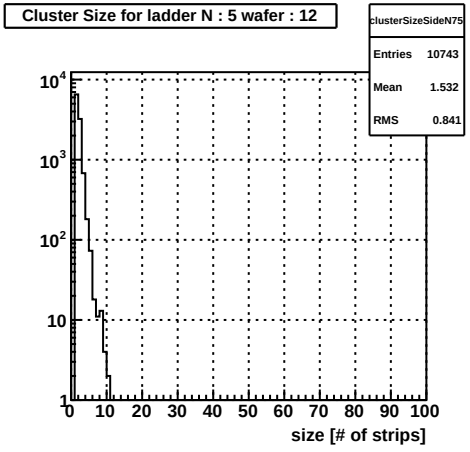

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 15687
Mean 1.421
RMS 0.7075
size [# of strips]

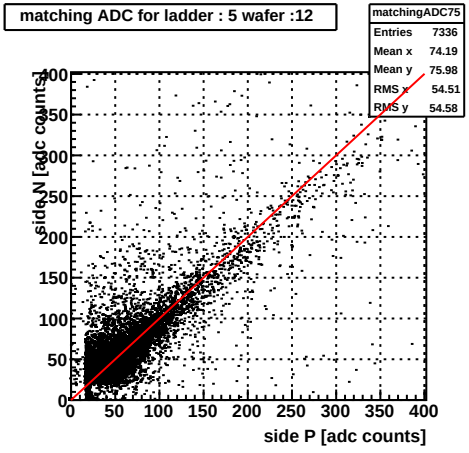

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 8615
Mean x 72.78
Mean y 77.67
RMS x 54.55
RMS y 58.39
side N [adc counts]
side P [adc counts]

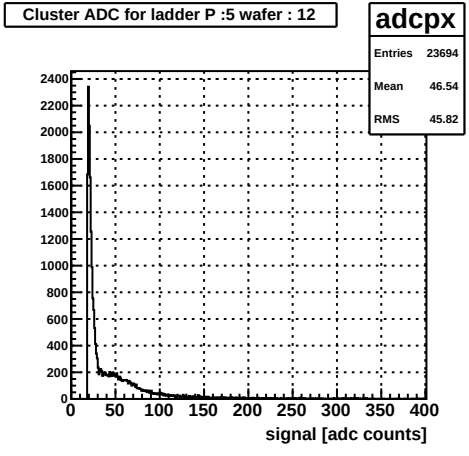

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 20154
Mean 45.92
RMS 41.98
signal [adc counts]

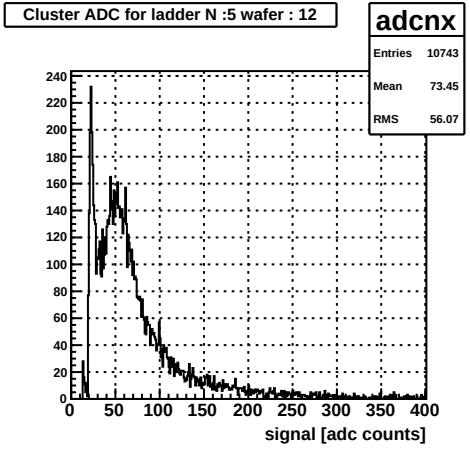

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 15687
Mean 71.21
RMS 58.59
signal [adc counts]

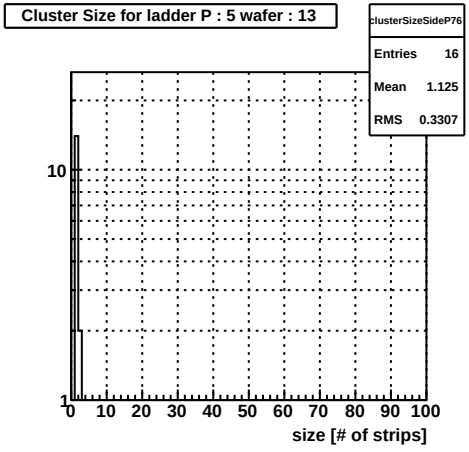

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 23694
Mean 1.172
RMS 0.475
size [# of strips]

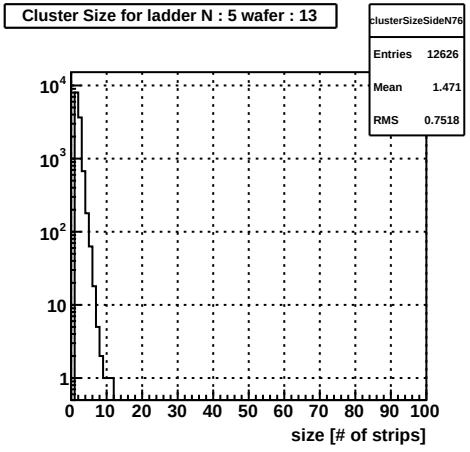

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 10743
Mean 1.532
RMS 0.841
size [# of strips]

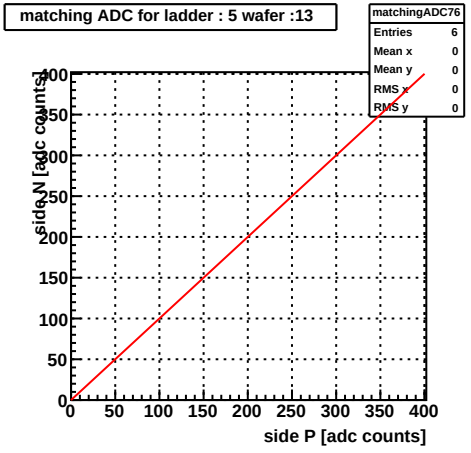

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 7336
Mean x 74.19
Mean y 75.98
RMS x 54.51
RMS y 54.58
side N [adc counts]
side P [adc counts]

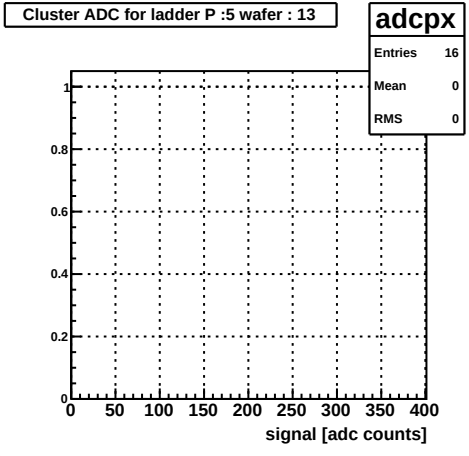

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 23694
Mean 46.54
RMS 45.82
signal [adc counts]

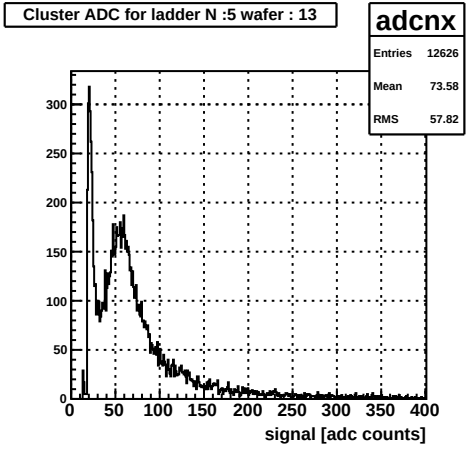

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 10743
Mean 73.45
RMS 56.07
signal [adc counts]

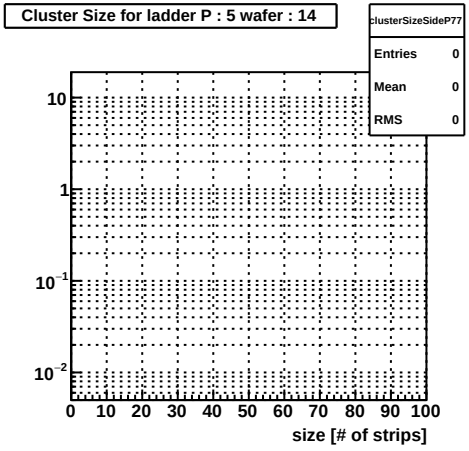

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 16
Mean 1.125
RMS 0.3307
size [# of strips]

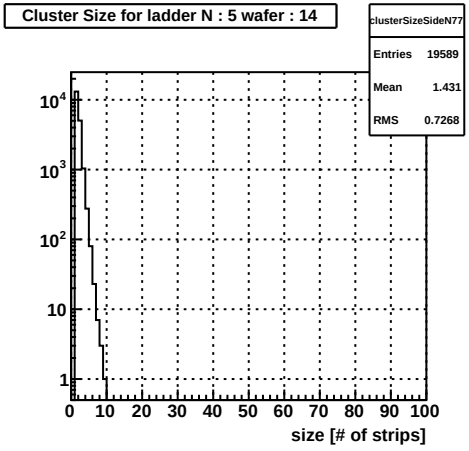

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 12626
Mean 1.471
RMS 0.7518
size [# of strips]

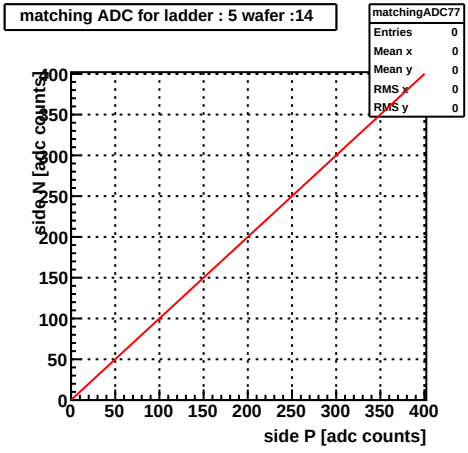

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

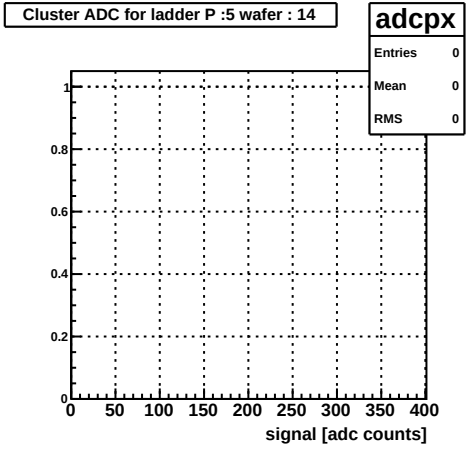

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

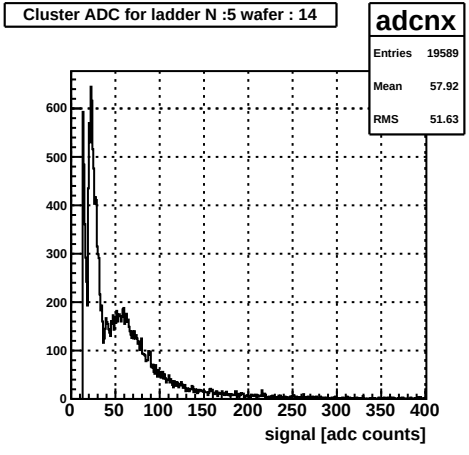

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 12626
Mean 73.58
RMS 57.82
signal [adc counts]

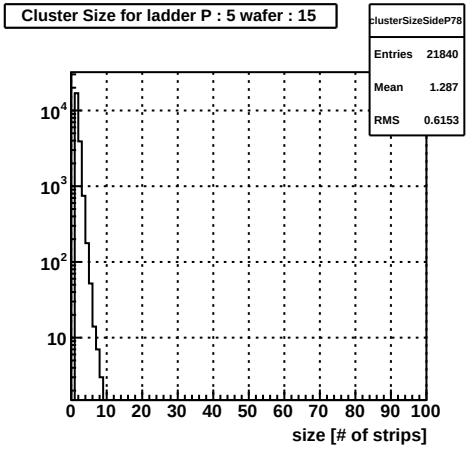

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

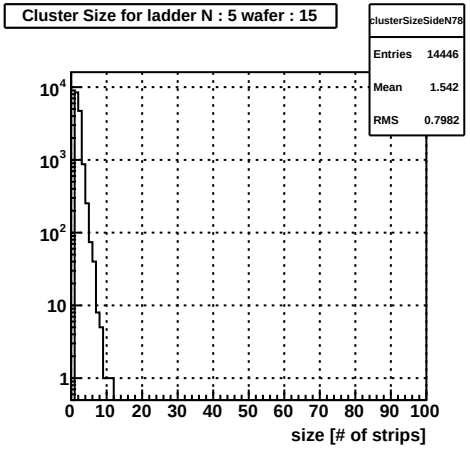

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 19589
Mean 1.431
RMS 0.7268
size [# of strips]

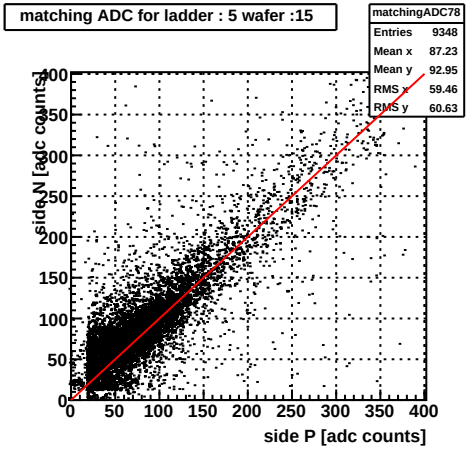

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

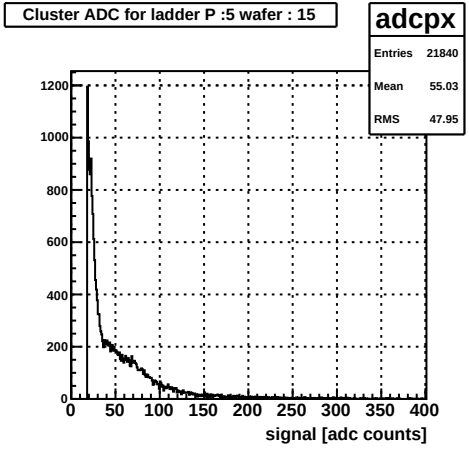

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

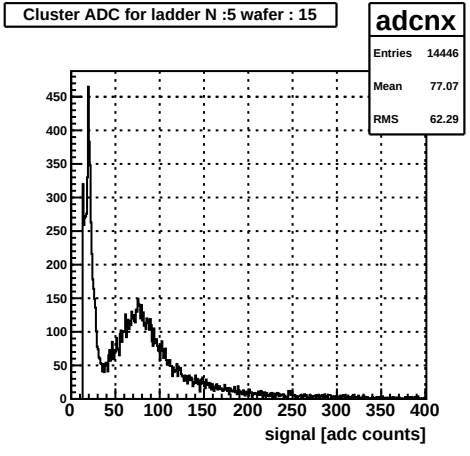

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 19589
Mean 57.92
RMS 51.63
signal [adc counts]

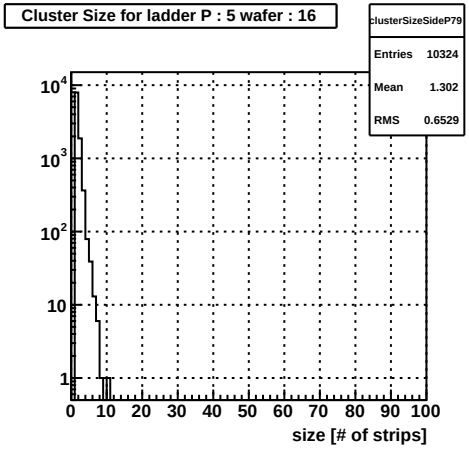

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 21840
Mean 1.287
RMS 0.6153
size [# of strips]

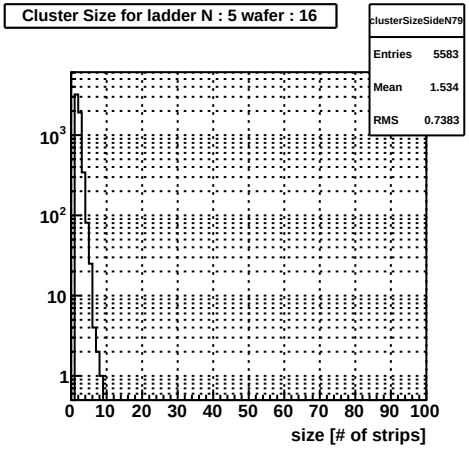

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 14446
Mean 1.542
RMS 0.7982
size [# of strips]

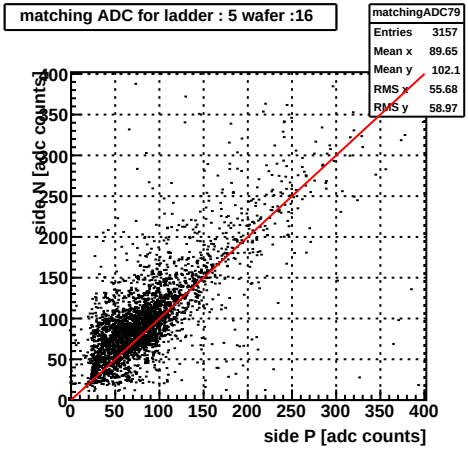

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 9348
Mean x 87.23
Mean y 92.95
RMS x 59.46
RMS y 60.63
side N [adc counts]
side P [adc counts]

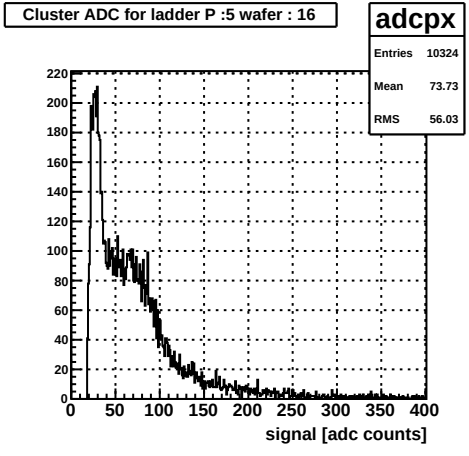

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 21840
Mean 55.03
RMS 47.95
signal [adc counts]

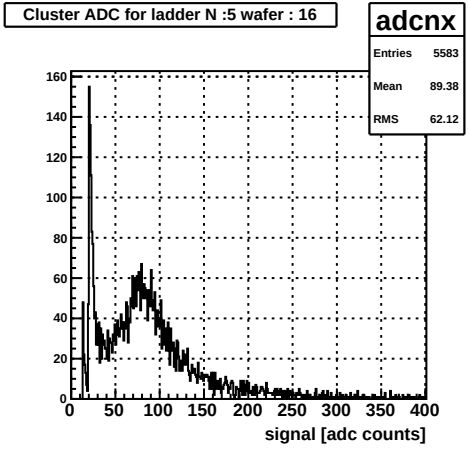

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 14446
Mean 77.07
RMS 62.29
signal [adc counts]

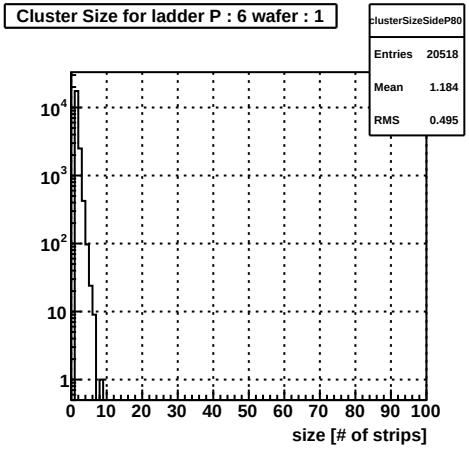

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 10324
Mean 1.302
RMS 0.6529
size [# of strips]

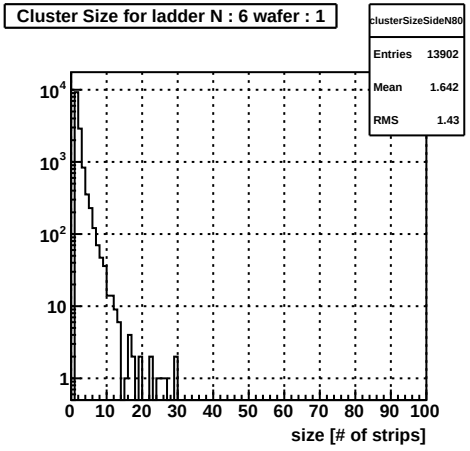

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 5583
Mean 1.534
RMS 0.7383
size [# of strips]

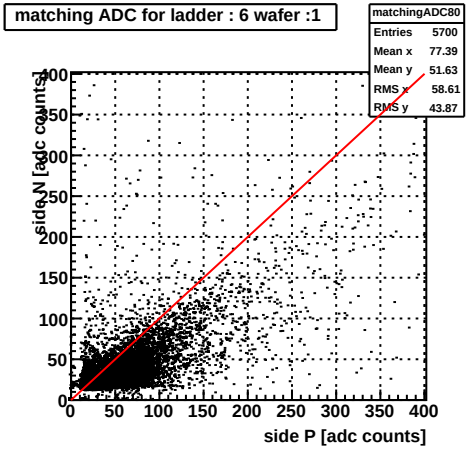

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3157
Mean x 89.65
Mean y 102.1
RMS x 55.68
RMS y 58.97
side N [adc counts]
side P [adc counts]

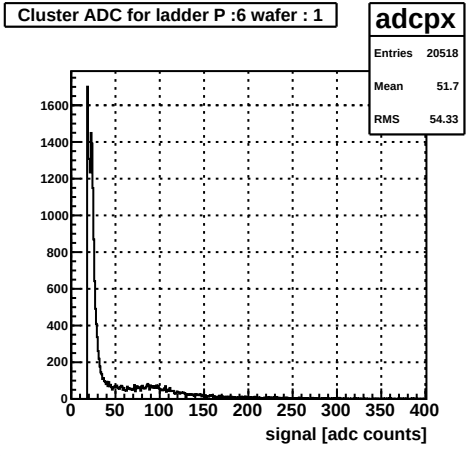

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 10324
Mean 73.73
RMS 56.03
signal [adc counts]

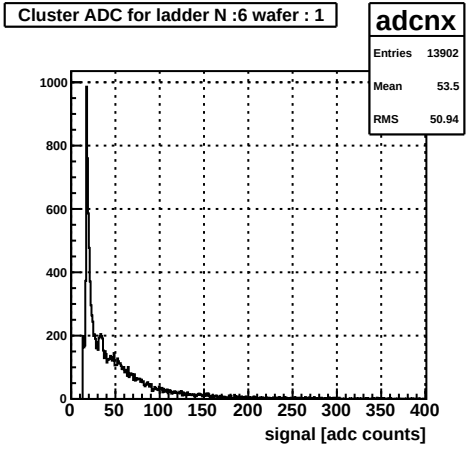

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 5583
Mean 89.38
RMS 62.12
signal [adc counts]

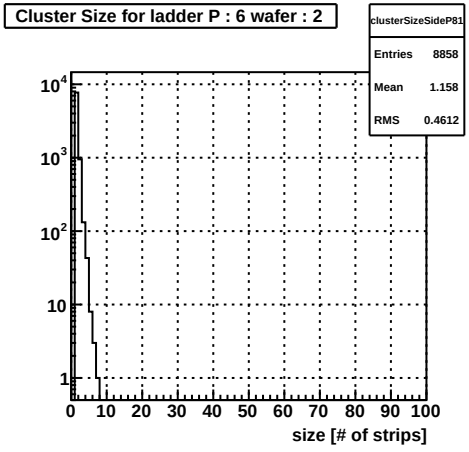

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 20518
Mean 1.184
RMS 0.495
size [# of strips]

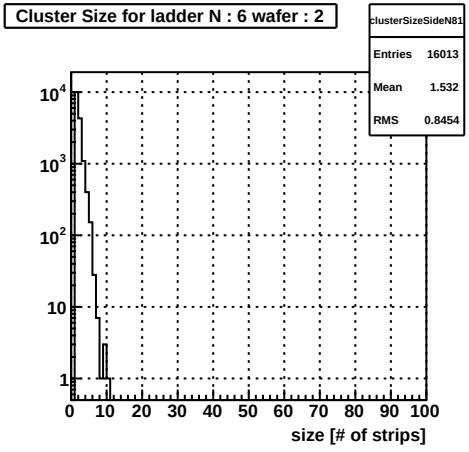

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 13902
Mean 1.642
RMS 1.43
size [# of strips]

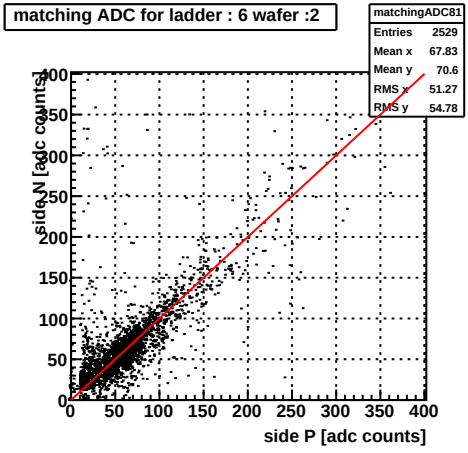

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 5700
Mean x 77.39
Mean y 51.63
RMS x 58.61
RMS y 43.87
side N [adc counts]
side P [adc counts]

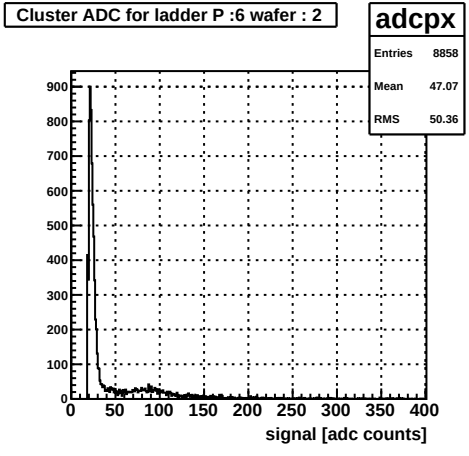

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 20518
Mean 51.7
RMS 54.33
signal [adc counts]

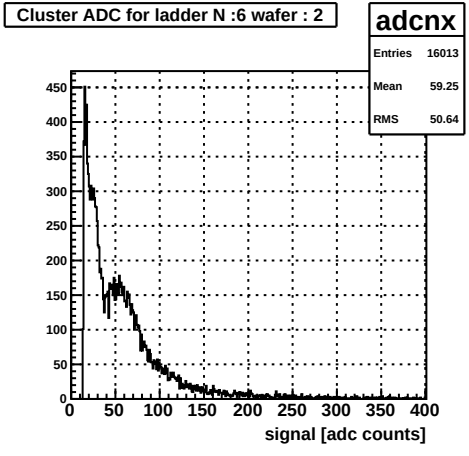

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 13902
Mean 53.5
RMS 50.94
signal [adc counts]

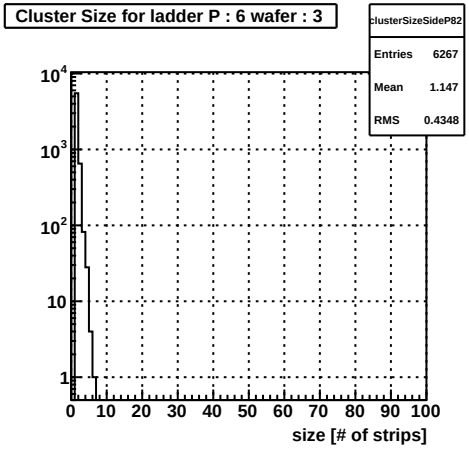

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 8858
Mean 1.158
RMS 0.4612
size [# of strips]

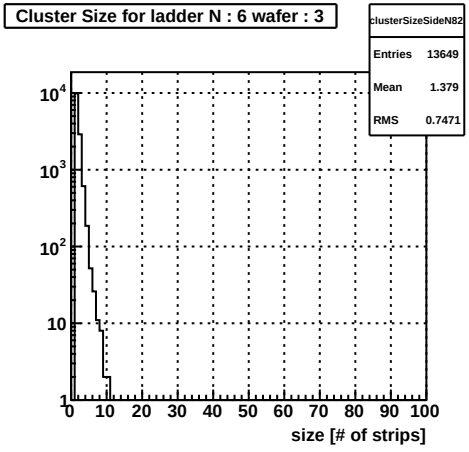

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 16013
Mean 1.532
RMS 0.8454
size [# of strips]

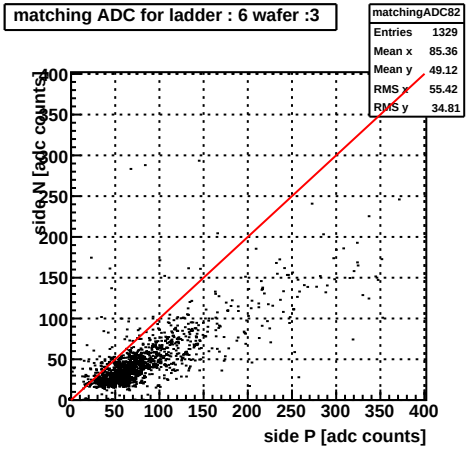

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2529
Mean x 67.83
Mean y 70.6
RMS x 51.27
RMS y 54.78
side N [adc counts]
side P [adc counts]

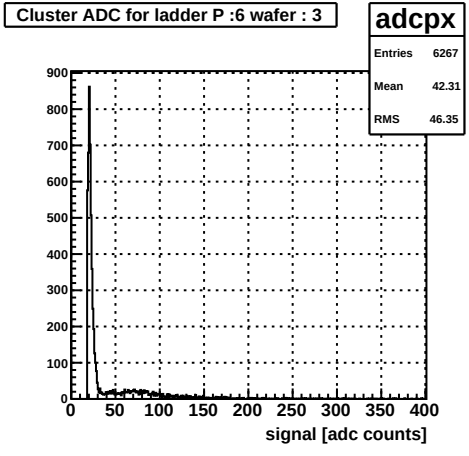

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 8858
Mean 47.07
RMS 50.36
signal [adc counts]

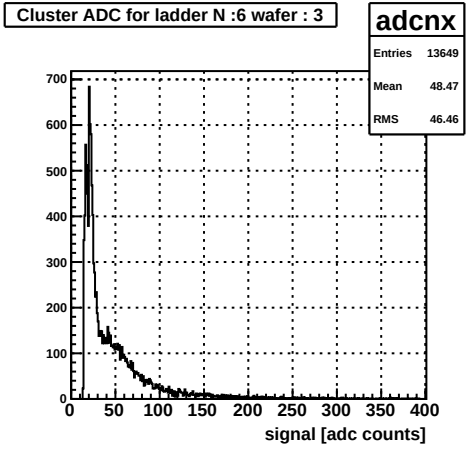

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 16013
Mean 59.25
RMS 50.64
signal [adc counts]

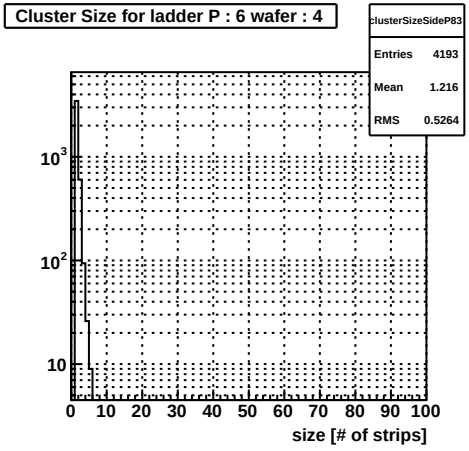

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 6267
Mean 1.147
RMS 0.4348
size [# of strips]

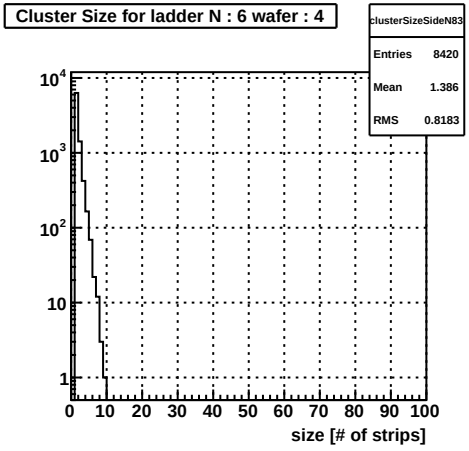

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 13649
Mean 1.379
RMS 0.7471
size [# of strips]

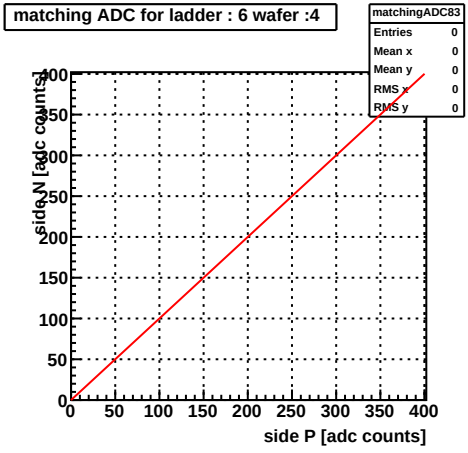

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1329
Mean x 85.36
Mean y 49.12
RMS x 55.42
RMS y 34.81
side N [adc counts]
side P [adc counts]

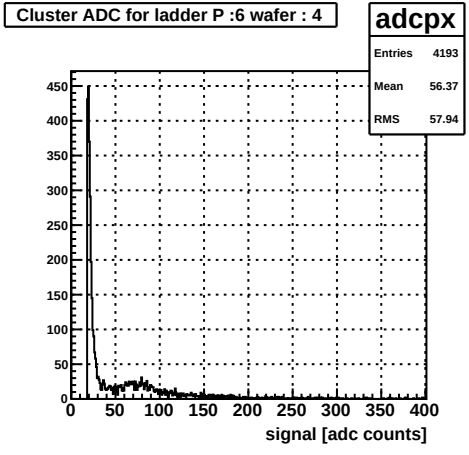

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 6267
Mean 42.31
RMS 46.35
signal [adc counts]

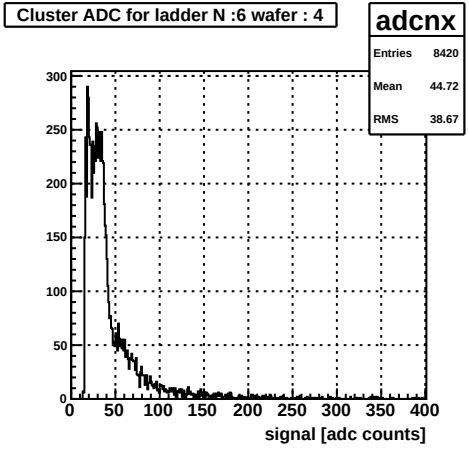

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 13649
Mean 48.47
RMS 46.46
signal [adc counts]

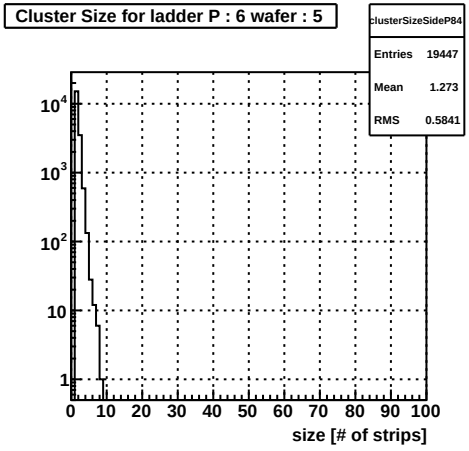

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 4193
Mean 1.216
RMS 0.5264
size [# of strips]

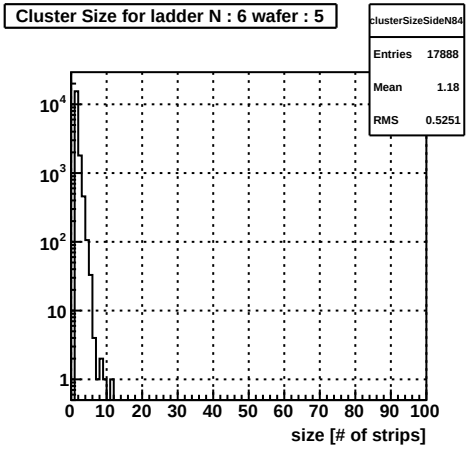

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 8420
Mean 1.386
RMS 0.8183
size [# of strips]

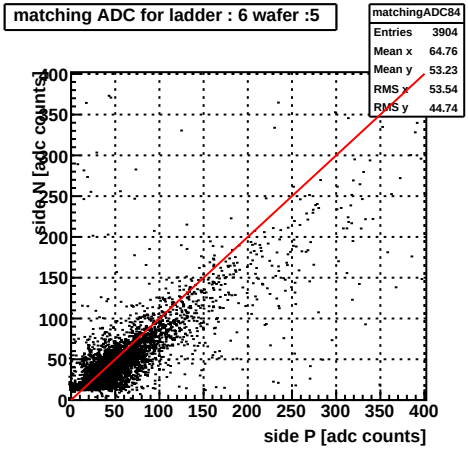

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

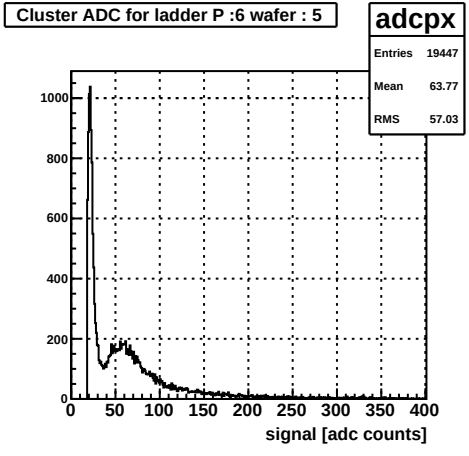

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 4193
Mean 56.37
RMS 57.94
signal [adc counts]

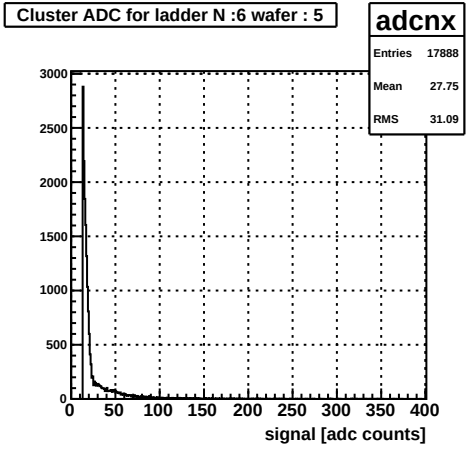

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 8420
Mean 44.72
RMS 38.67
signal [adc counts]

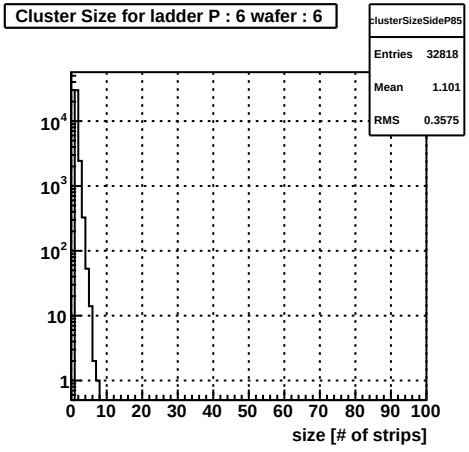

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 19447
Mean 1.273
RMS 0.5841
size [# of strips]

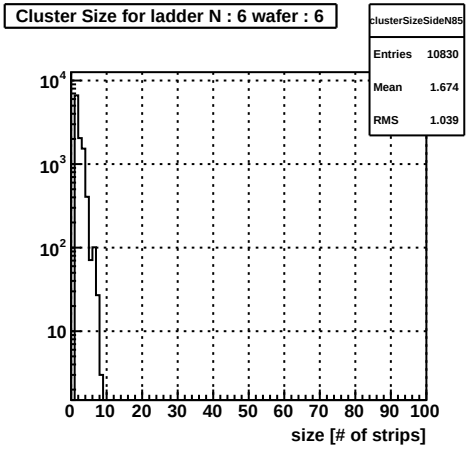

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 17888
Mean 1.18
RMS 0.5251
size [# of strips]

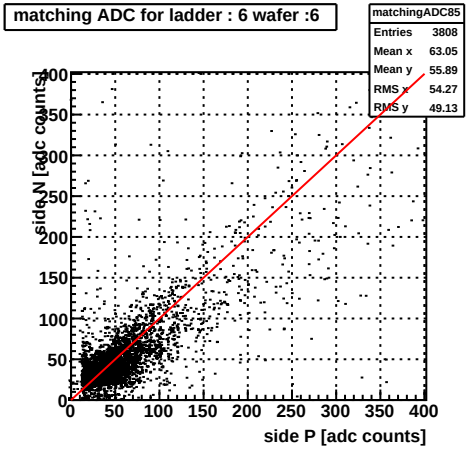

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 3904
Mean x 64.76
Mean y 53.23
RMS x 53.54
RMS y 44.74
side N [adc counts]
side P [adc counts]

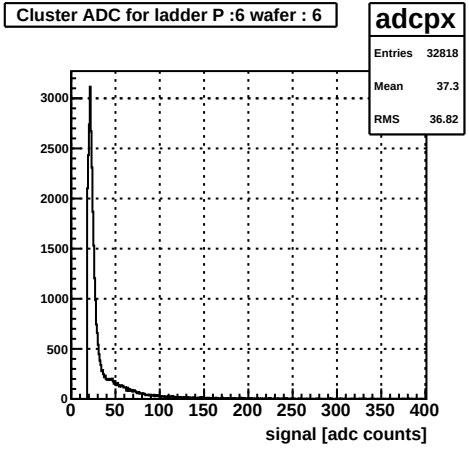

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 19447
Mean 63.77
RMS 57.03
signal [adc counts]

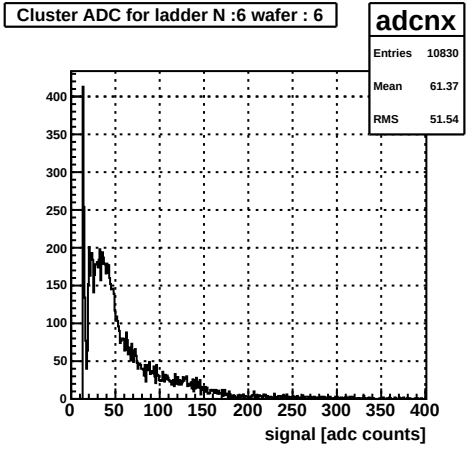

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 17888
Mean 27.75
RMS 31.09
signal [adc counts]

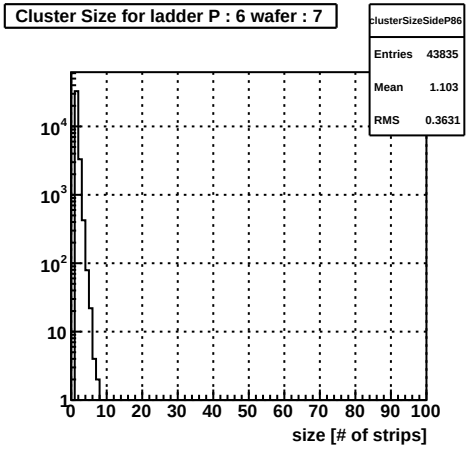

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 32818
Mean 1.101
RMS 0.3575
size [# of strips]

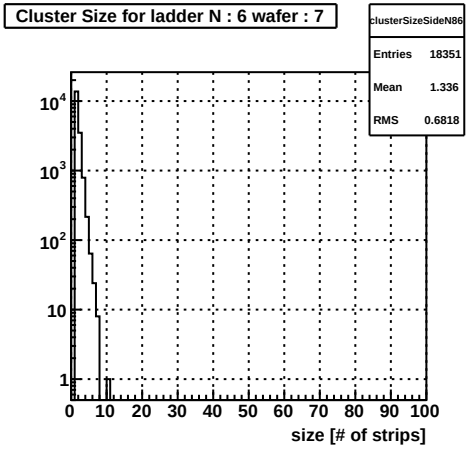

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 10830
Mean 1.674
RMS 1.039
size [# of strips]

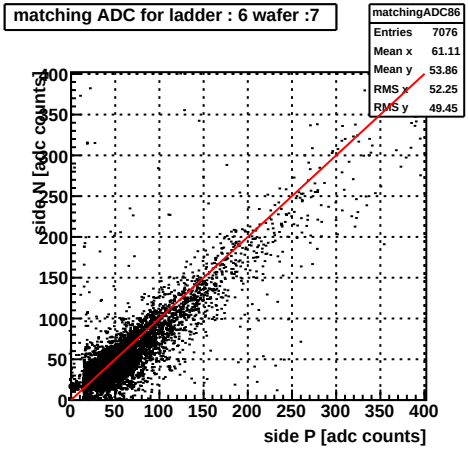

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 3808
Mean x 63.05
Mean y 55.89
RMS x 54.27
RMS y 49.13
side N [adc counts]
side P [adc counts]

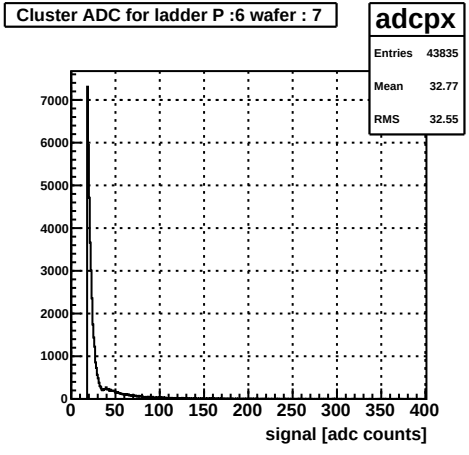

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 32818
Mean 37.3
RMS 36.82
signal [adc counts]

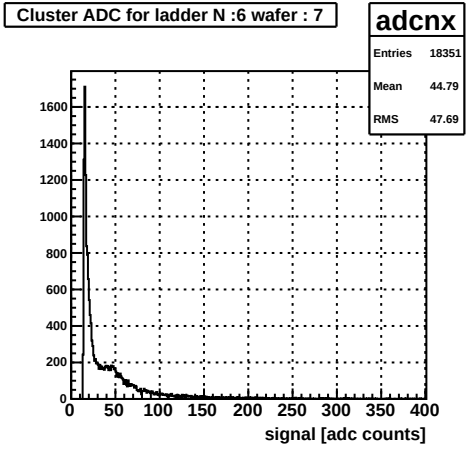

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 10830
Mean 61.37
RMS 51.54
signal [adc counts]

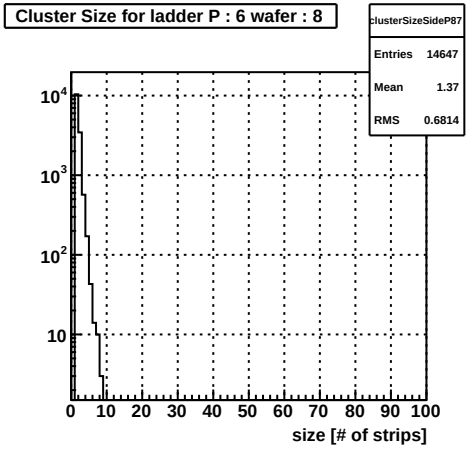

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 43835
Mean 1.103
RMS 0.3631
size [# of strips]

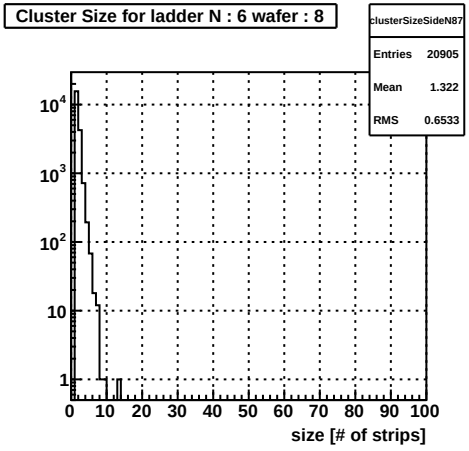

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 18351
Mean 1.336
RMS 0.6818
size [# of strips]

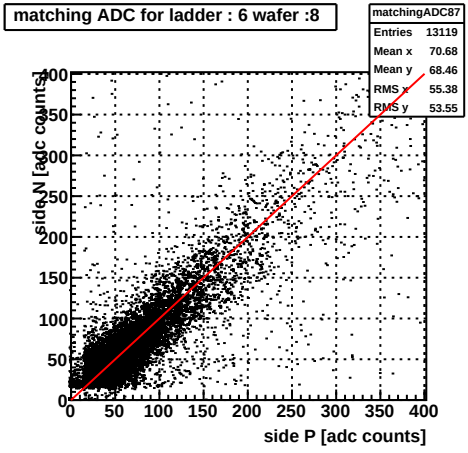

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 7076
Mean x 61.11
Mean y 53.86
RMS x 52.25
RMS y 49.45
side N [adc counts]
side P [adc counts]

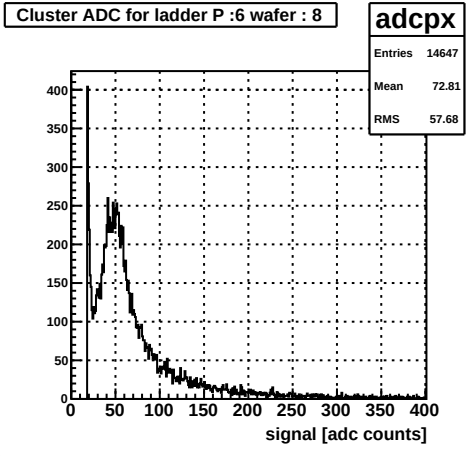

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 43835
Mean 32.77
RMS 32.55
signal [adc counts]

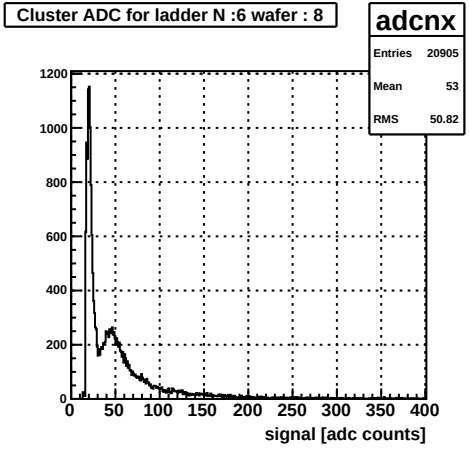

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 18351
Mean 44.79
RMS 47.69
signal [adc counts]

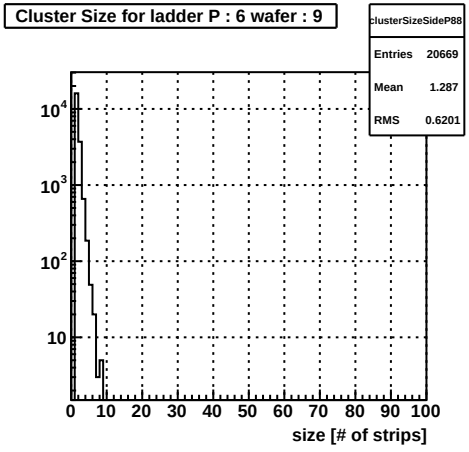

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 14647
Mean 1.37
RMS 0.6814
size [# of strips]

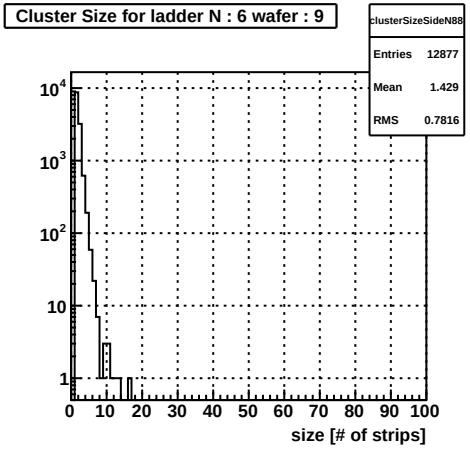

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 20905
Mean 1.322
RMS 0.6533
size [# of strips]

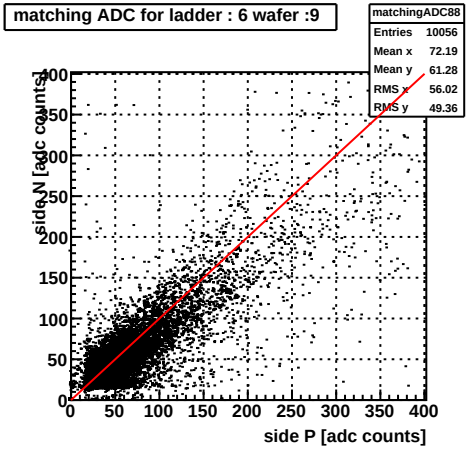

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 13119
Mean x 70.68
Mean y 68.46
RMS x 55.38
RMS y 53.55
side N [adc counts]
side P [adc counts]

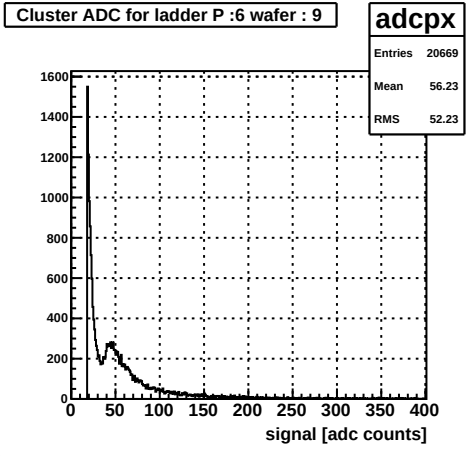

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 14647
Mean 72.81
RMS 57.68
signal [adc counts]

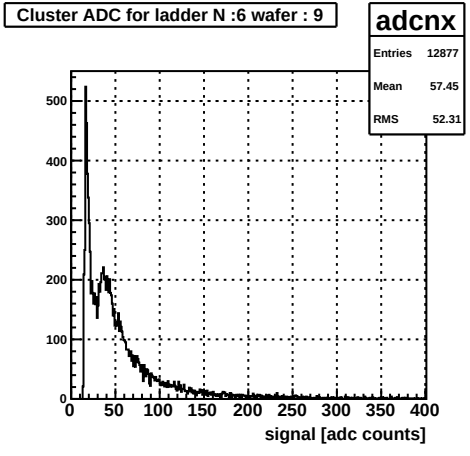

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 20905
Mean 53
RMS 50.82
signal [adc counts]

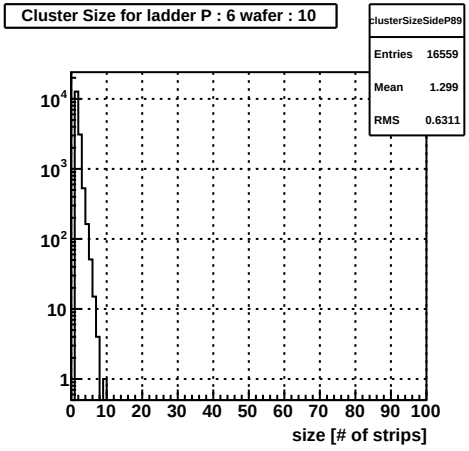

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 20669
Mean 1.287
RMS 0.6201
size [# of strips]

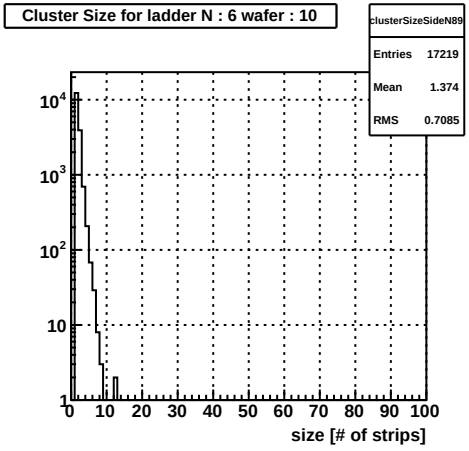

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 12877
Mean 1.429
RMS 0.7816
size [# of strips]

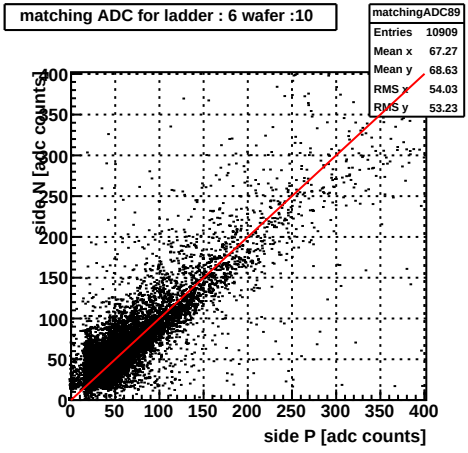

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 10056
Mean x 72.19
Mean y 61.28
RMS x 56.02
RMS y 49.36
side N [adc counts]
side P [adc counts]

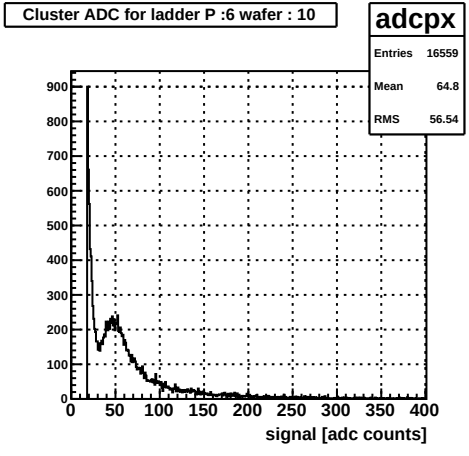

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 20669
Mean 56.23
RMS 52.23
signal [adc counts]

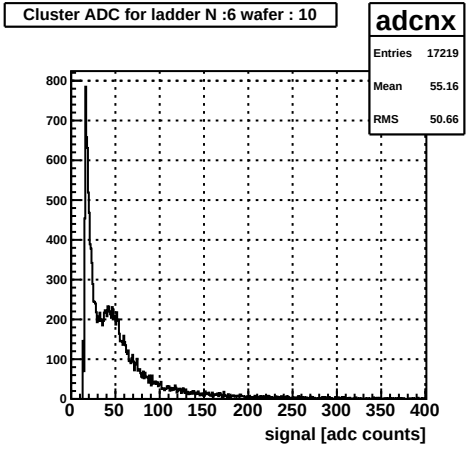

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 12877
Mean 57.45
RMS 52.31
signal [adc counts]

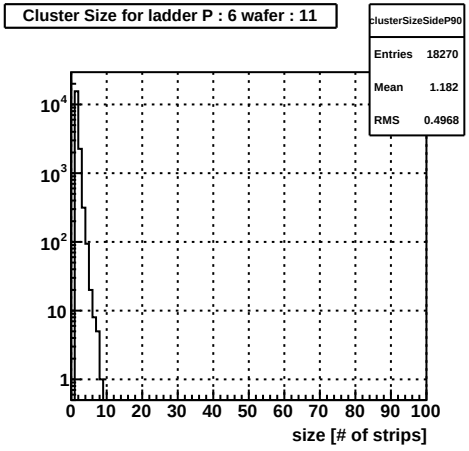

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 16559
Mean 1.299
RMS 0.6311
size [# of strips]

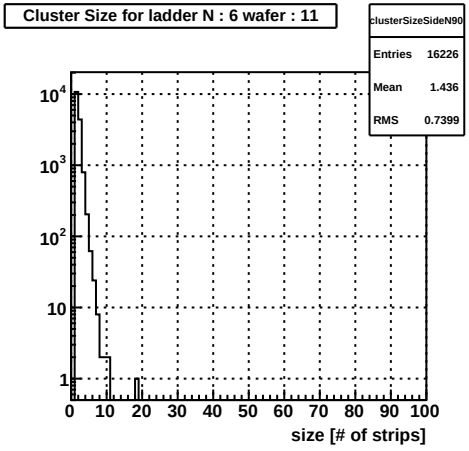

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 17219
Mean 1.374
RMS 0.7085
size [# of strips]

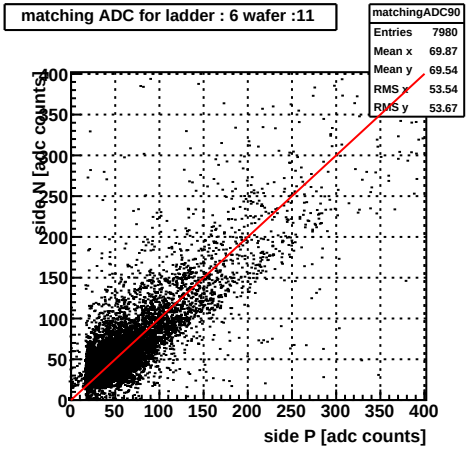

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 10909
Mean x 67.27
Mean y 68.63
RMS x 54.03
RMS y 53.23
side N [adc counts]
side P [adc counts]

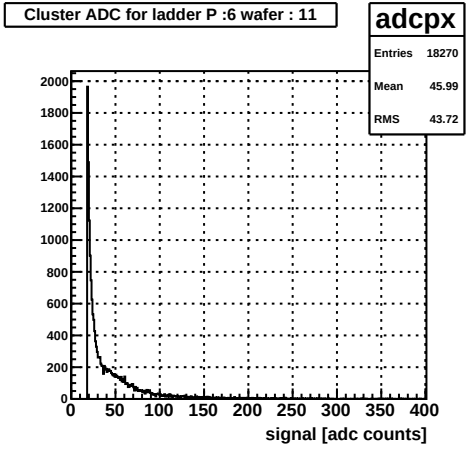

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 16559
Mean 64.8
RMS 56.54
signal [adc counts]

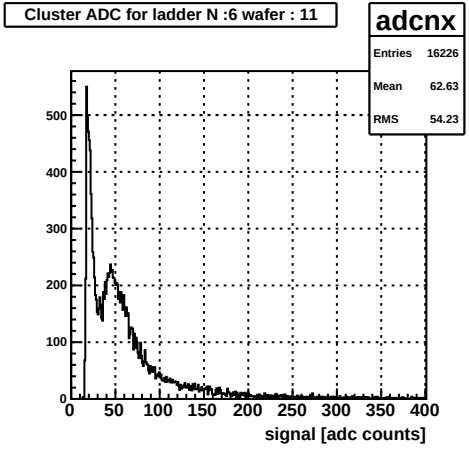

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 17219
Mean 55.16
RMS 50.66
signal [adc counts]

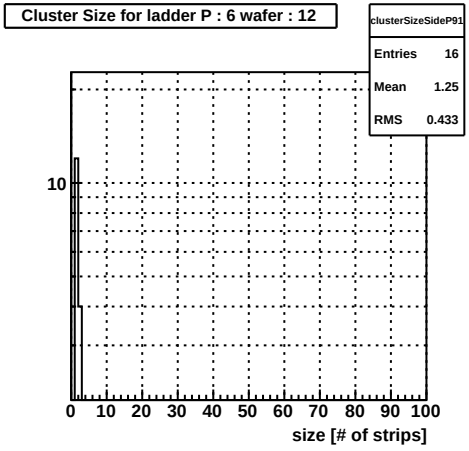

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 18270
Mean 1.182
RMS 0.4968
size [# of strips]

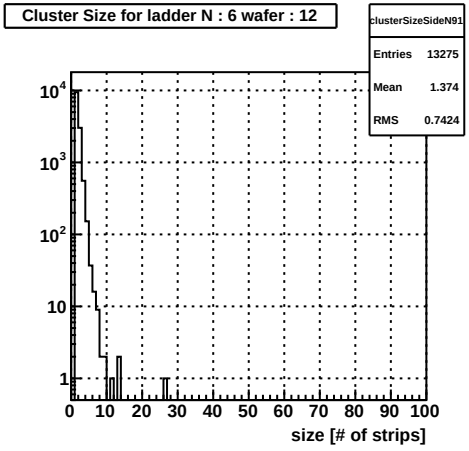

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 16226
Mean 1.436
RMS 0.7399
size [# of strips]

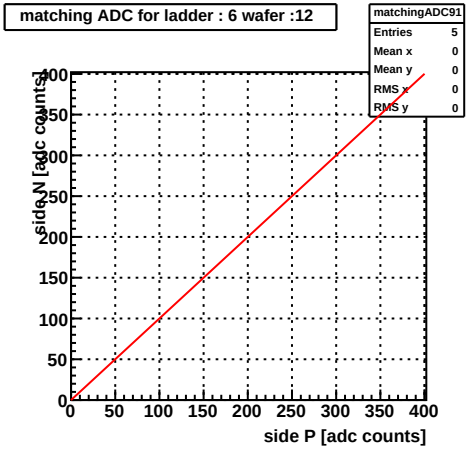

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 7980
Mean x 69.87
Mean y 69.54
RMS x 53.54
RMS y 53.67
side N [adc counts]
side P [adc counts]

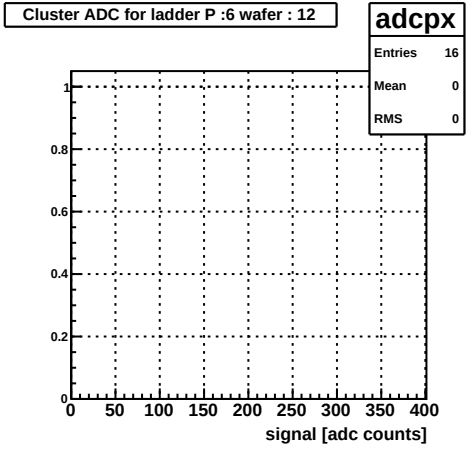

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 18270
Mean 45.99
RMS 43.72
signal [adc counts]

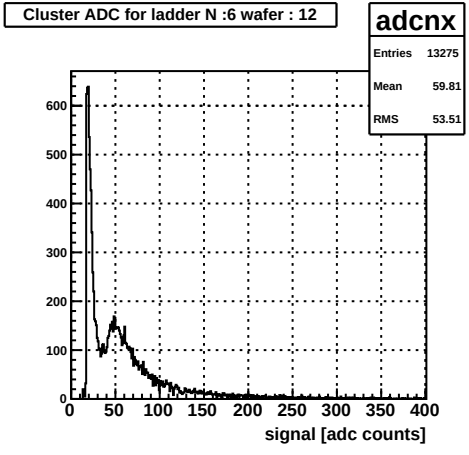

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 16226
Mean 62.63
RMS 54.23
signal [adc counts]

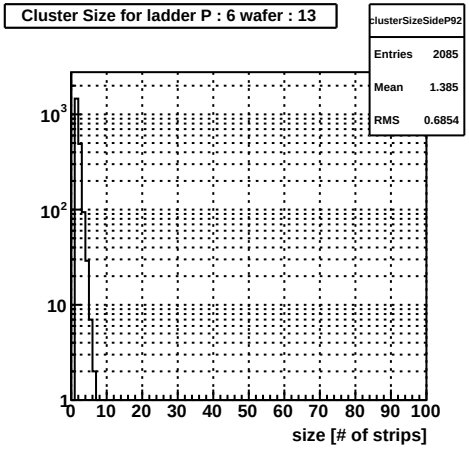

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 16
Mean 1.25
RMS 0.433
size [# of strips]

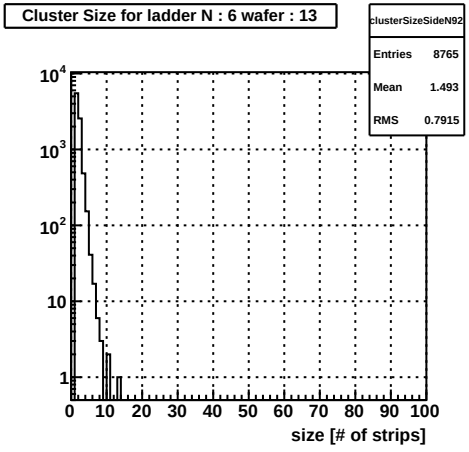

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 13275
Mean 1.374
RMS 0.7424
size [# of strips]

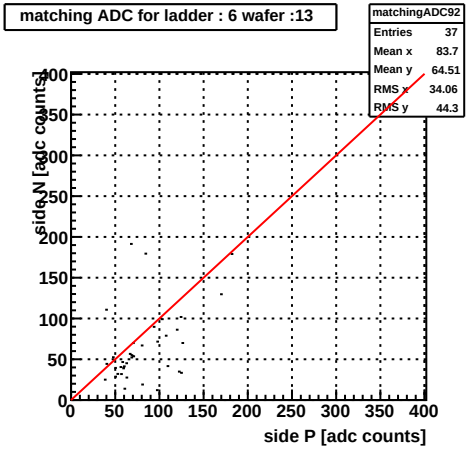

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

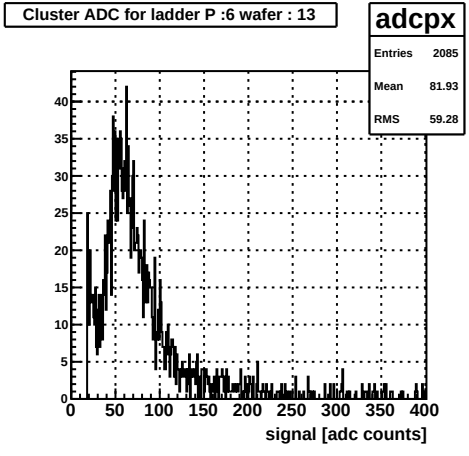

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

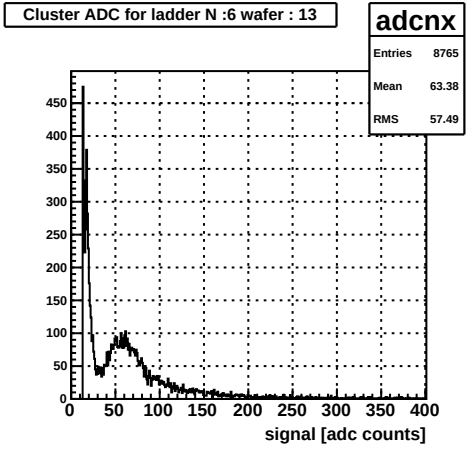

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 13275
Mean 59.81
RMS 53.51
signal [adc counts]

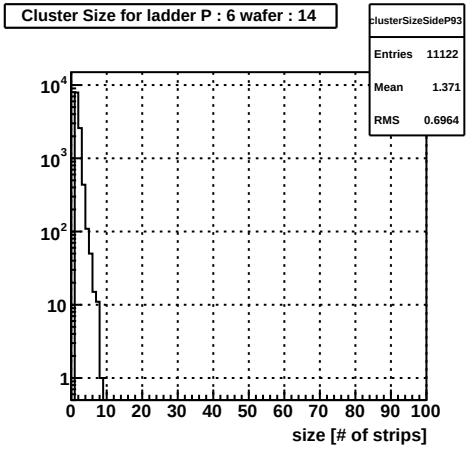

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 2085
Mean 1.385
RMS 0.6854
size [# of strips]

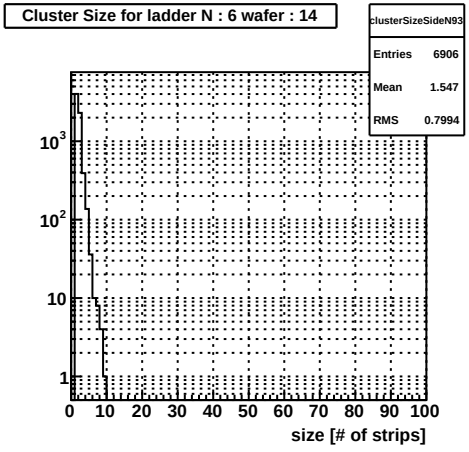

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 8765
Mean 1.493
RMS 0.7915
size [# of strips]

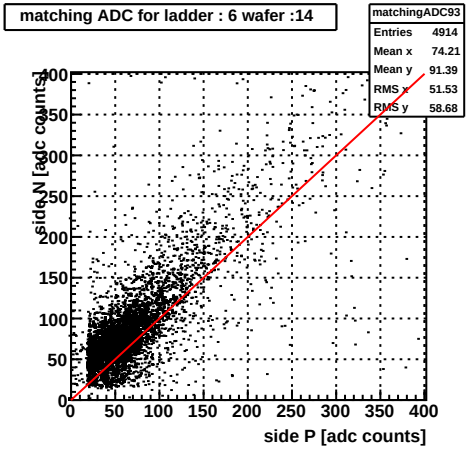

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 37
Mean x 83.7
Mean y 64.51
RMS x 34.06
RMS y 44.3
side N [adc counts]
side P [adc counts]

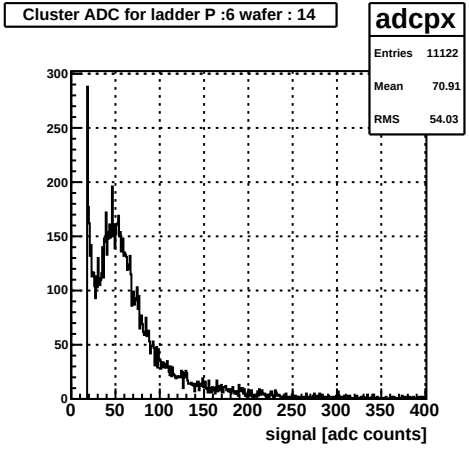

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 2085
Mean 81.93
RMS 59.28
signal [adc counts]

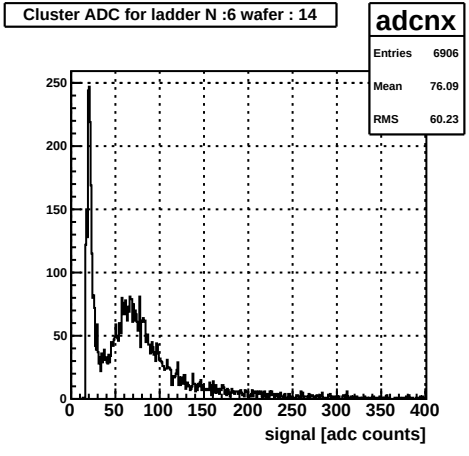

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 8765
Mean 63.38
RMS 57.49
signal [adc counts]

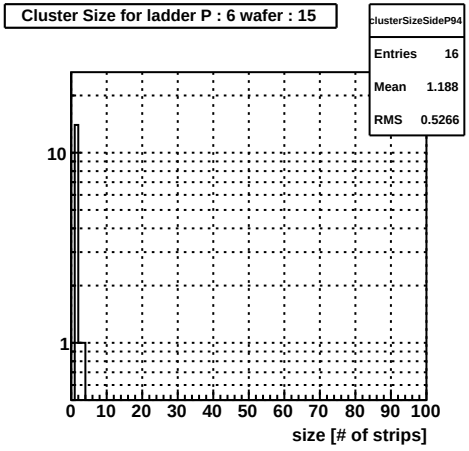

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 11122
Mean 1.371
RMS 0.6964
size [# of strips]

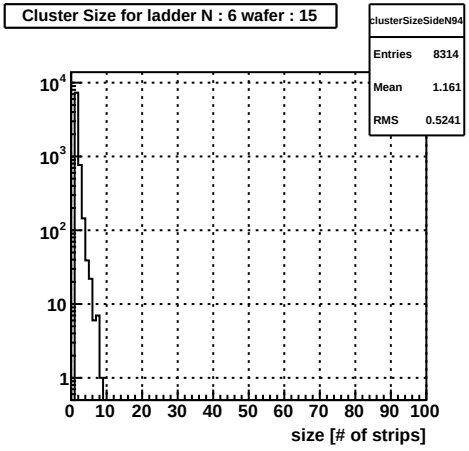

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 6906
Mean 1.547
RMS 0.7994
size [# of strips]

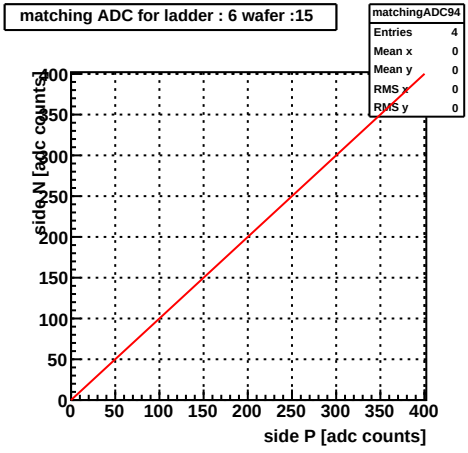

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 4914
Mean x 74.21
Mean y 91.39
RMS x 51.53
RMS y 58.68
side N [adc counts]
side P [adc counts]

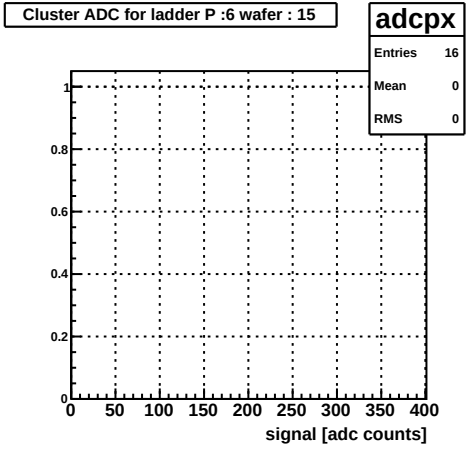

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 11122
Mean 70.91
RMS 54.03
signal [adc counts]

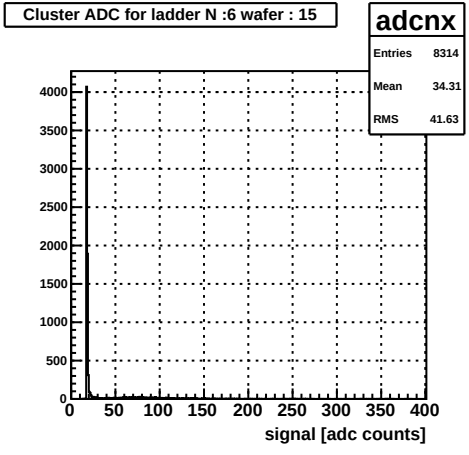

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 6906
Mean 76.09
RMS 60.23
signal [adc counts]

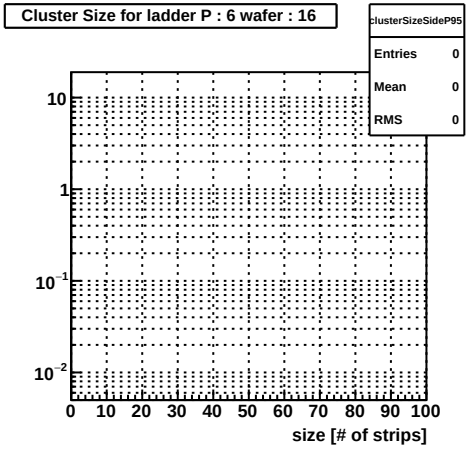

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 16
Mean 1.188
RMS 0.5266
size [# of strips]

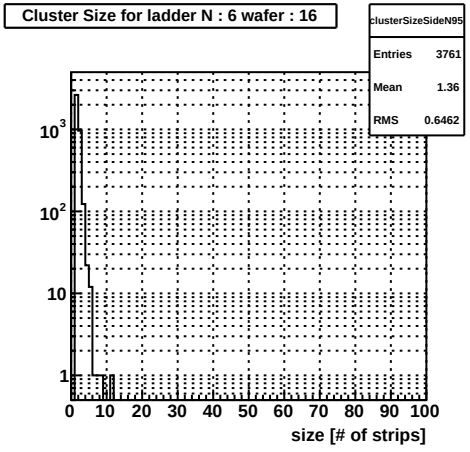

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 8314
Mean 1.161
RMS 0.5241
size [# of strips]

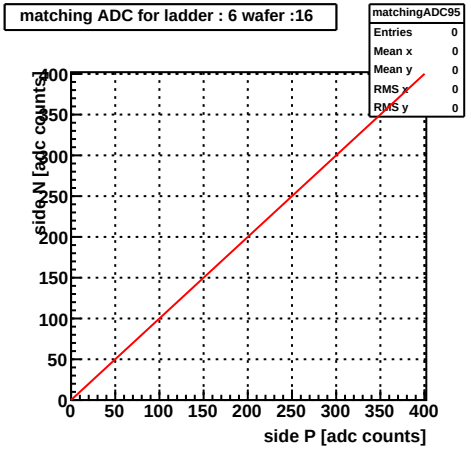

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

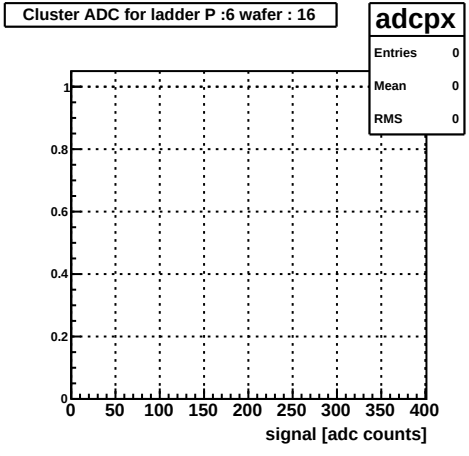

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

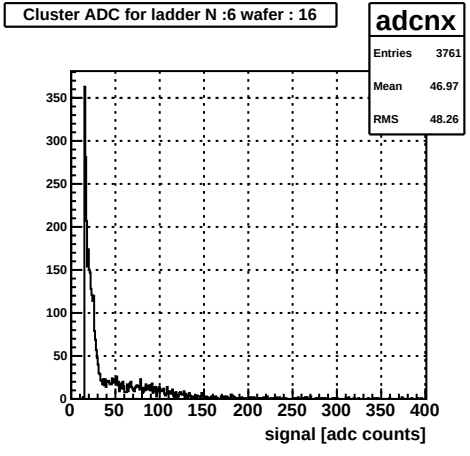

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 8314
Mean 34.31
RMS 41.63
signal [adc counts]

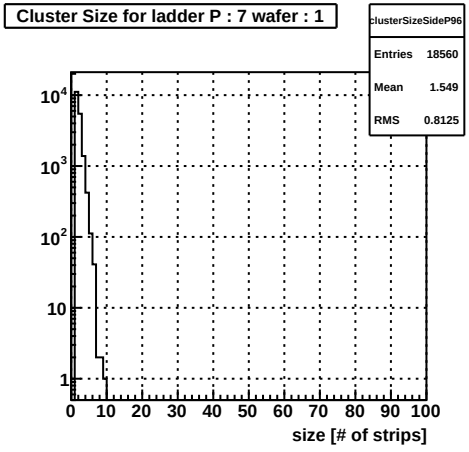

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

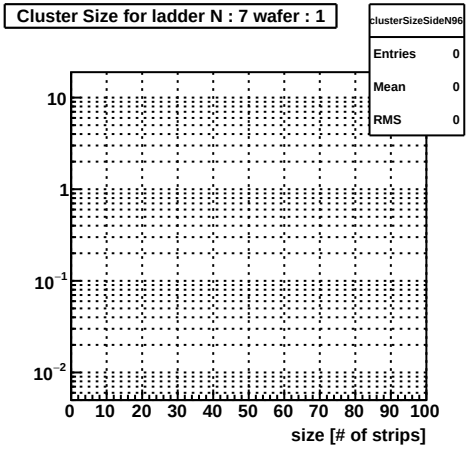

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 3761
Mean 1.36
RMS 0.6462
size [# of strips]

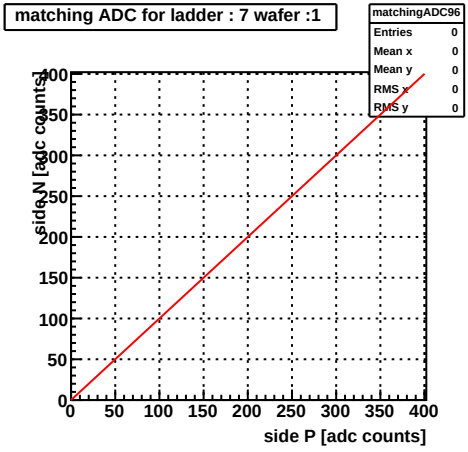

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

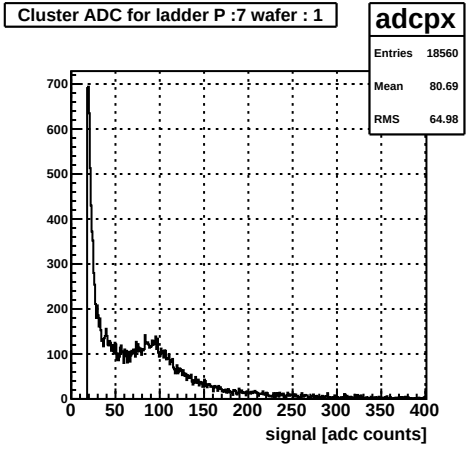

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

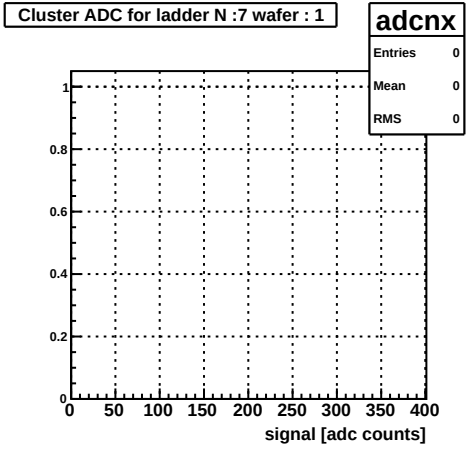

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 3761
Mean 46.97
RMS 48.26
signal [adc counts]

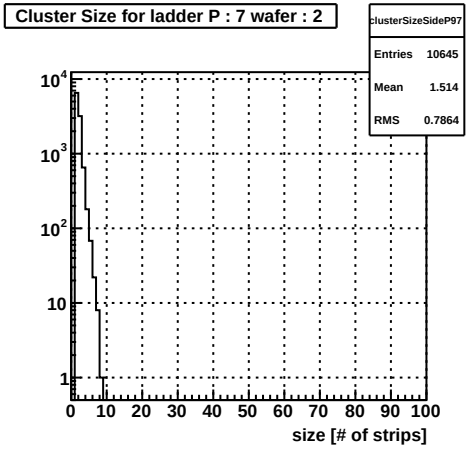

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 18560
Mean 1.549
RMS 0.8125
size [# of strips]

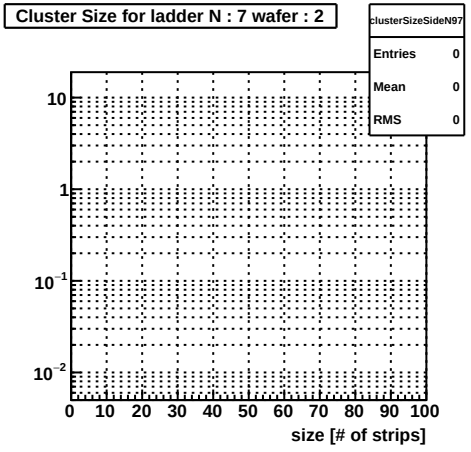

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

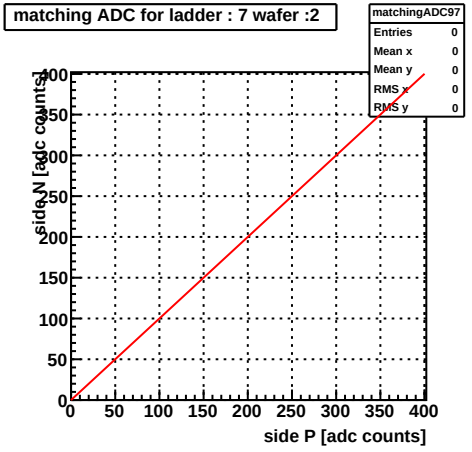

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

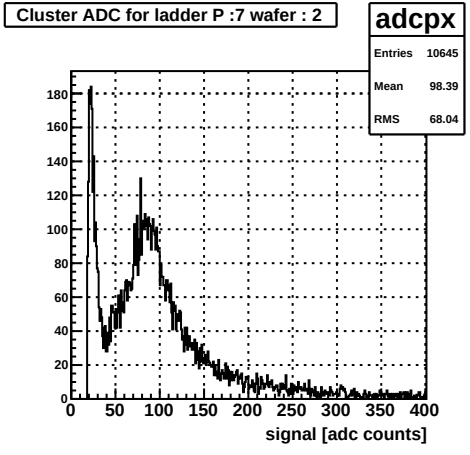

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 18560
Mean 80.69
RMS 64.98
signal [adc counts]

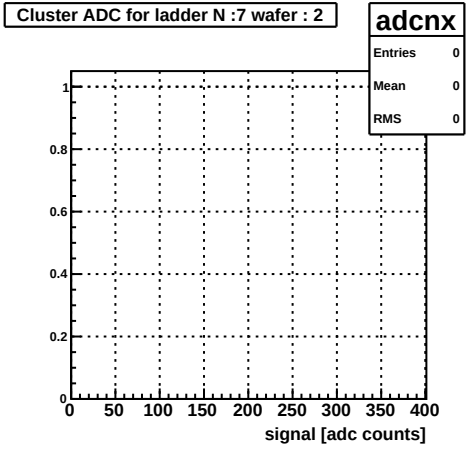

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

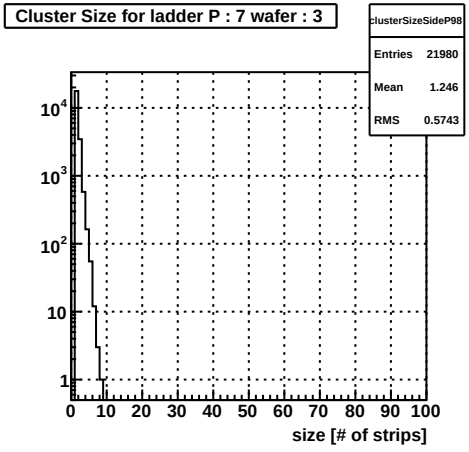

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 10645
Mean 1.514
RMS 0.7864
size [# of strips]

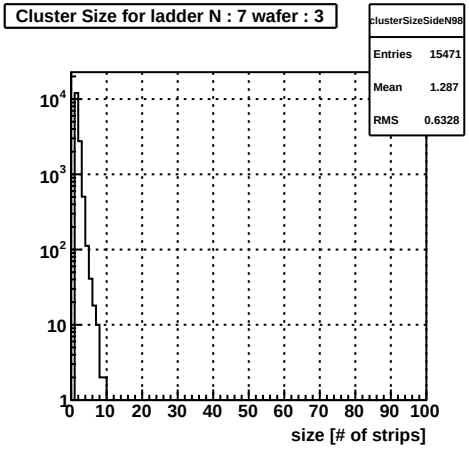

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

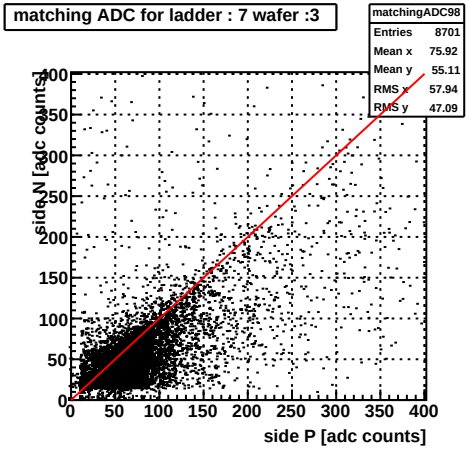

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

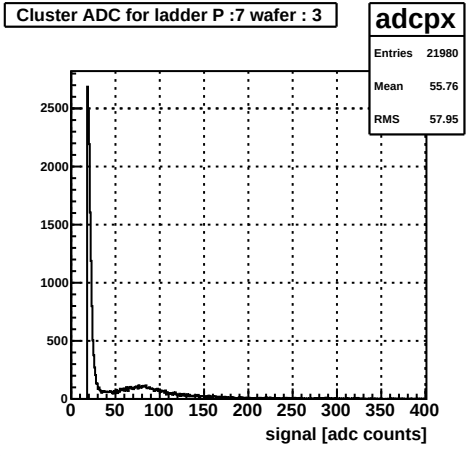

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 10645
Mean 98.39
RMS 68.04
signal [adc counts]

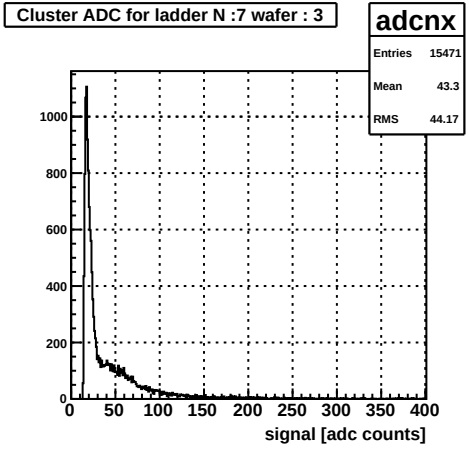

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

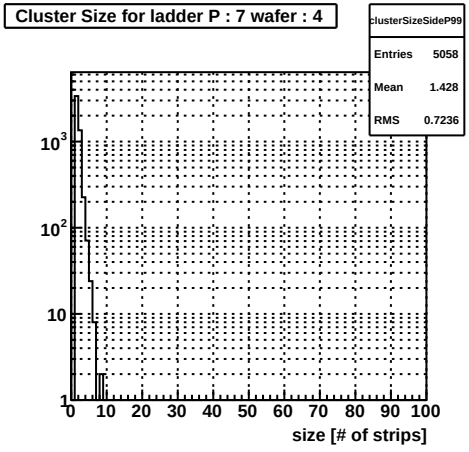

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 21980
Mean 1.246
RMS 0.5743
size [# of strips]

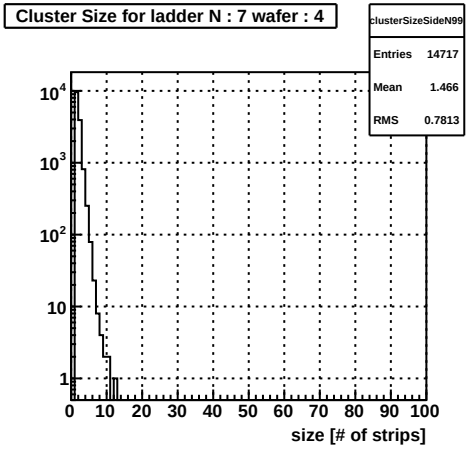

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 15471
Mean 1.287
RMS 0.6328
size [# of strips]

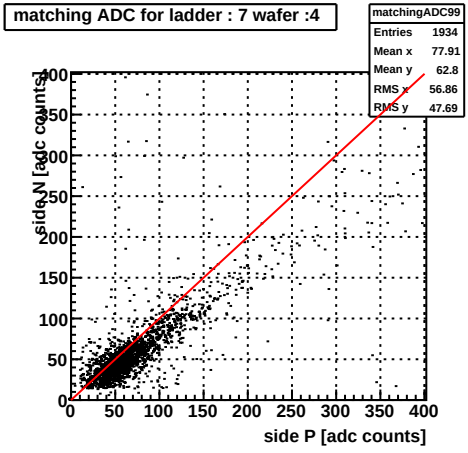

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 8701
Mean x 75.92
Mean y 55.11
RMS x 57.94
RMS y 47.09
side N [adc counts]
side P [adc counts]

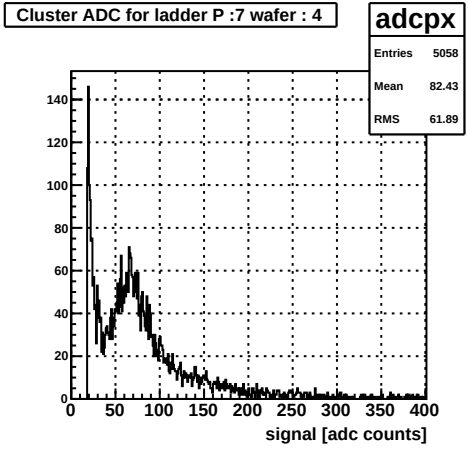

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 21980
Mean 55.76
RMS 57.95
signal [adc counts]

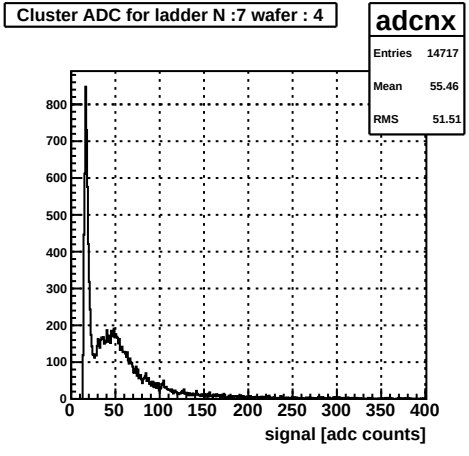

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 15471
Mean 43.3
RMS 44.17
signal [adc counts]

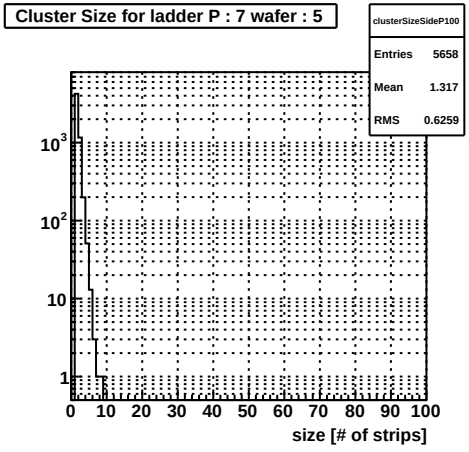

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 5058
Mean 1.428
RMS 0.7236
size [# of strips]

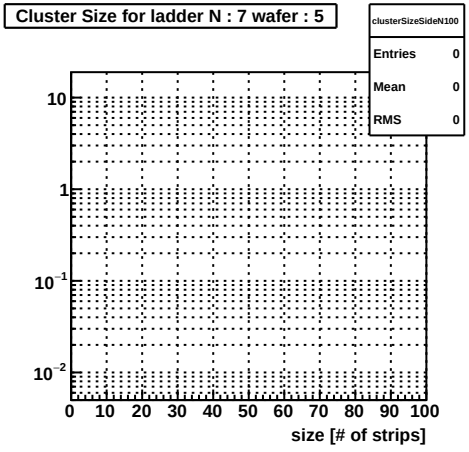

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 14717
Mean 1.466
RMS 0.7813
size [# of strips]

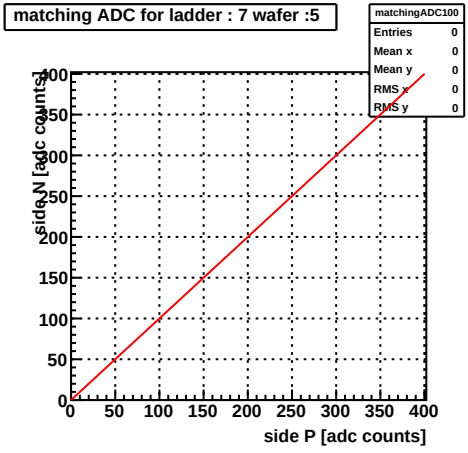

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1934
Mean x 77.91
Mean y 62.8
RMS x 56.86
RMS y 47.69
side N [adc counts]
side P [adc counts]

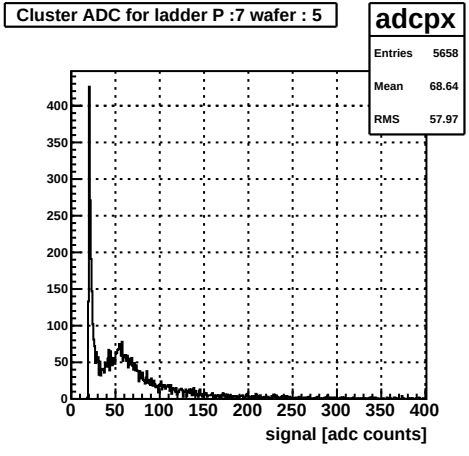

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 5058
Mean 82.43
RMS 61.89
signal [adc counts]

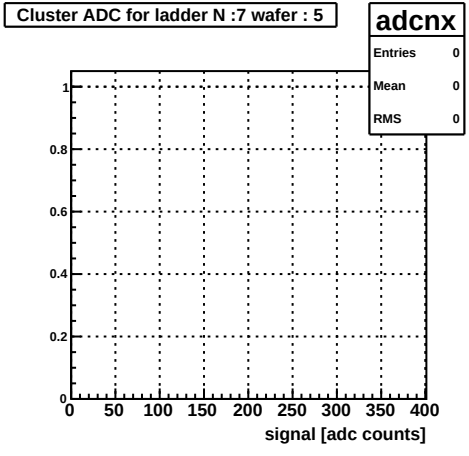

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 14717
Mean 55.46
RMS 51.51
signal [adc counts]

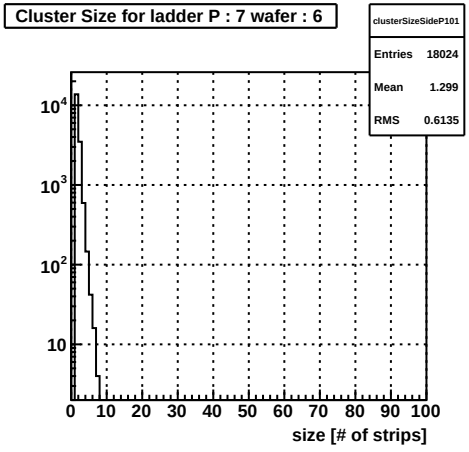

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 5658
Mean 1.317
RMS 0.6259
size [# of strips]

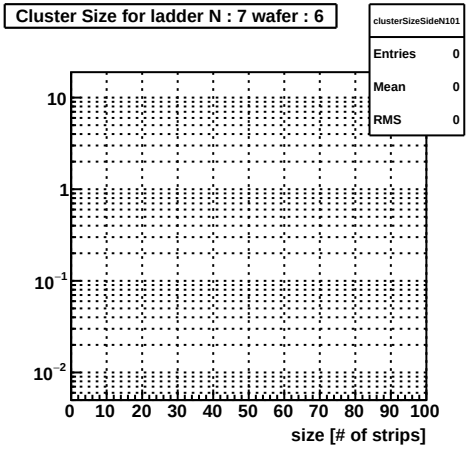

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

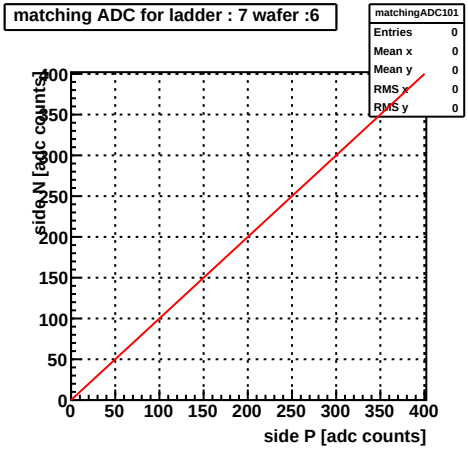

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

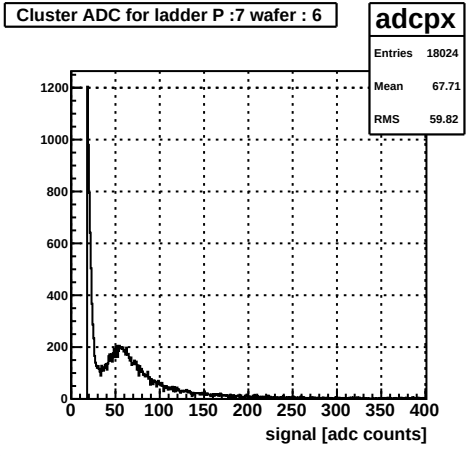

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 5658
Mean 68.64
RMS 57.97
signal [adc counts]

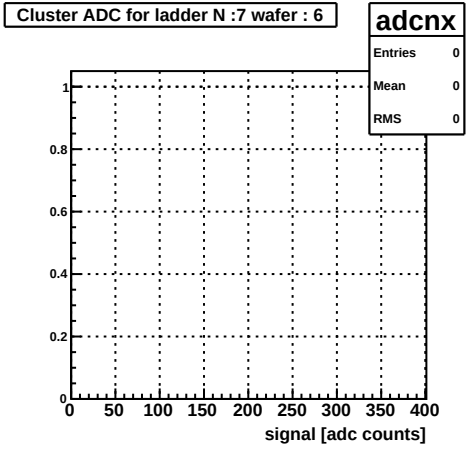

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

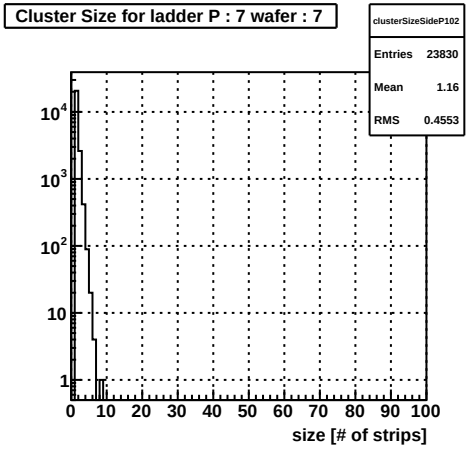

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 18024
Mean 1.299
RMS 0.6135
size [# of strips]

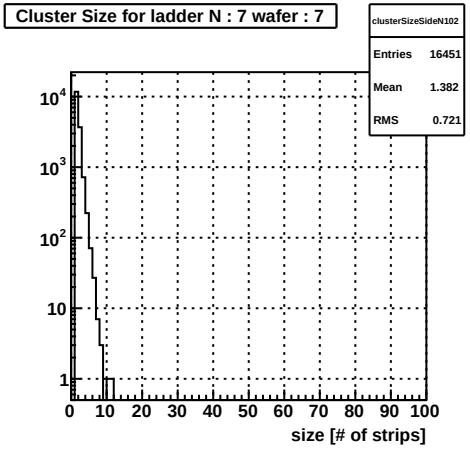

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

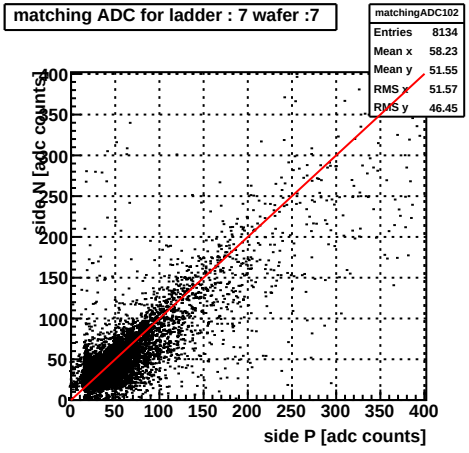

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

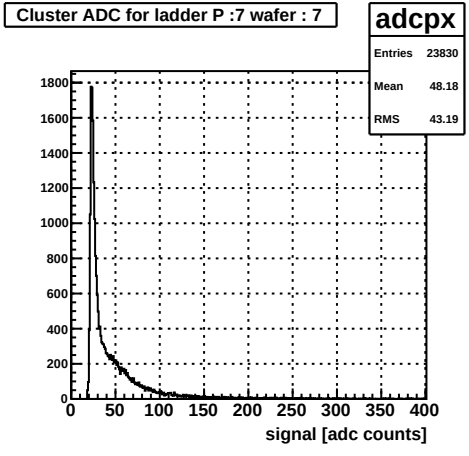

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 18024
Mean 67.71
RMS 59.82
signal [adc counts]

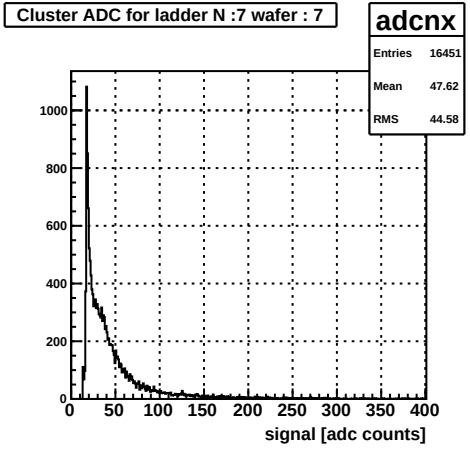

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

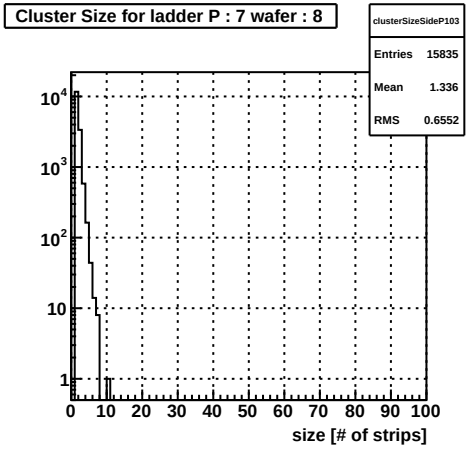

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 23830
Mean 1.16
RMS 0.4553
size [# of strips]

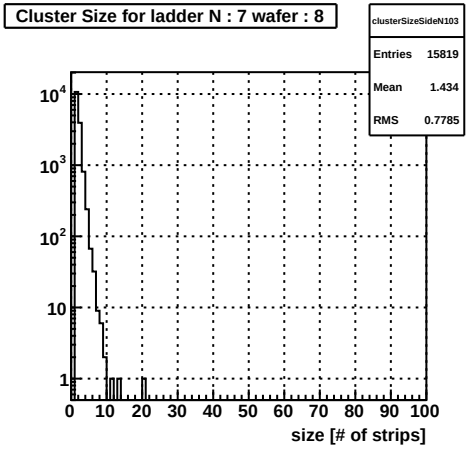

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 16451
Mean 1.382
RMS 0.721
size [# of strips]

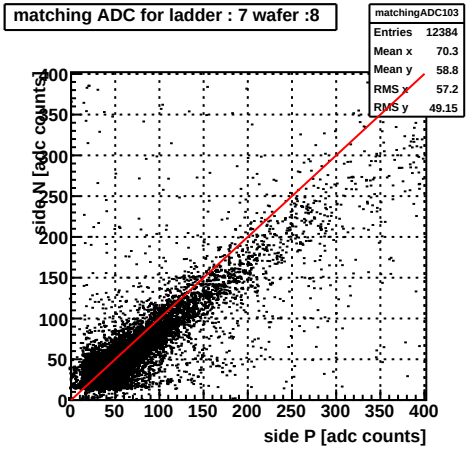

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 8134
Mean x 58.23
Mean y 51.55
RMS x 51.57
RMS y 46.45
side N [adc counts]
side P [adc counts]

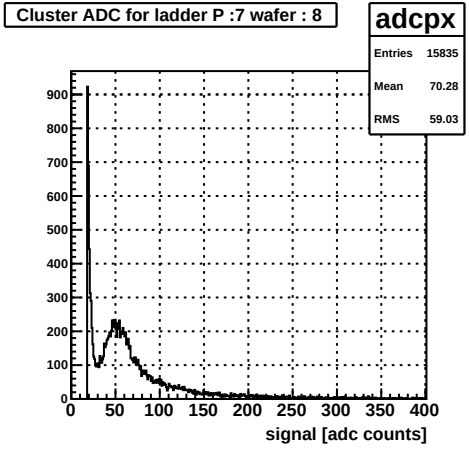

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 23830
Mean 48.18
RMS 43.19
signal [adc counts]

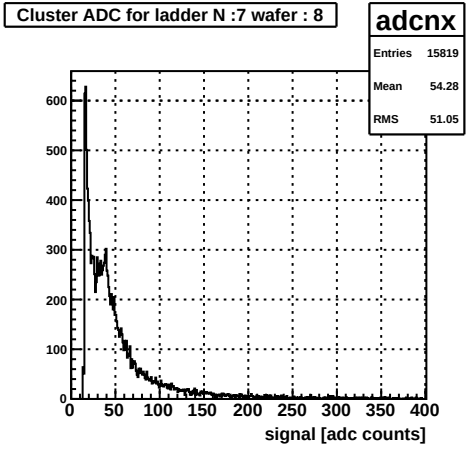

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 16451
Mean 47.62
RMS 44.58
signal [adc counts]

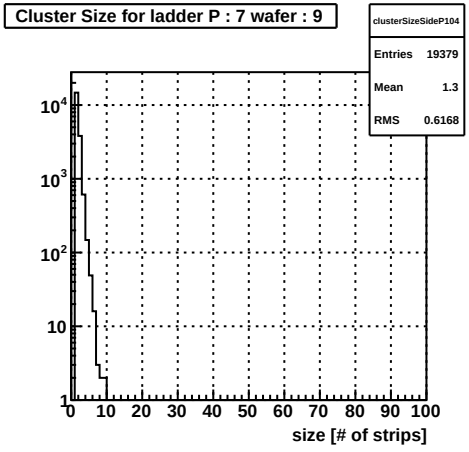

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 15835
Mean 1.336
RMS 0.6552
size [# of strips]

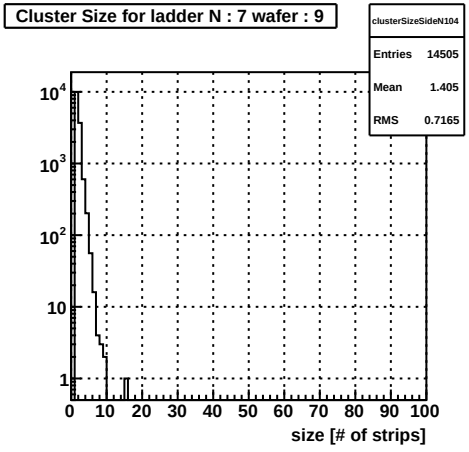

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 15819
Mean 1.434
RMS 0.7785
size [# of strips]

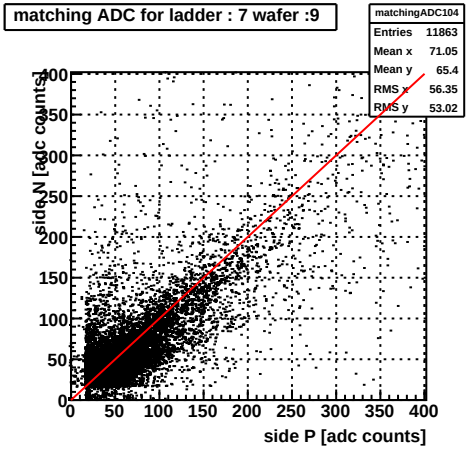

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 12384
Mean x 70.3
Mean y 58.8
RMS x 57.2
RMS y 49.15
side N [adc counts]
side P [adc counts]

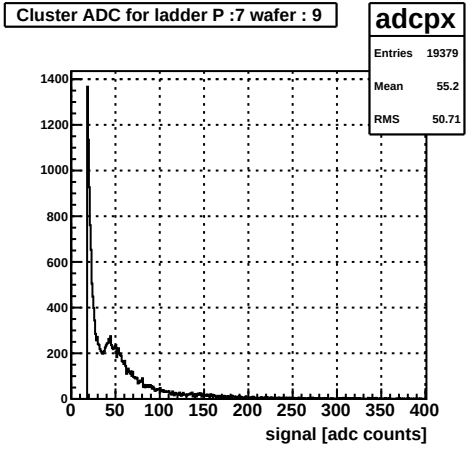

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 15835
Mean 70.28
RMS 59.03
signal [adc counts]

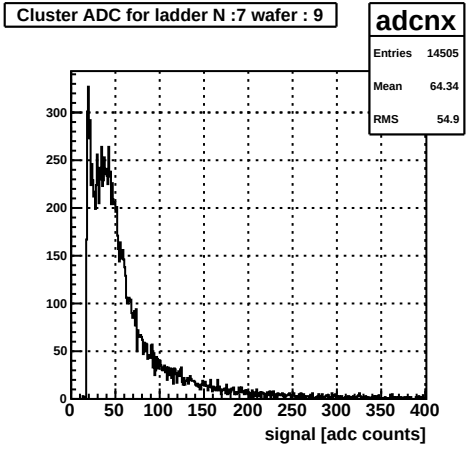

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 15819
Mean 54.28
RMS 51.05
signal [adc counts]

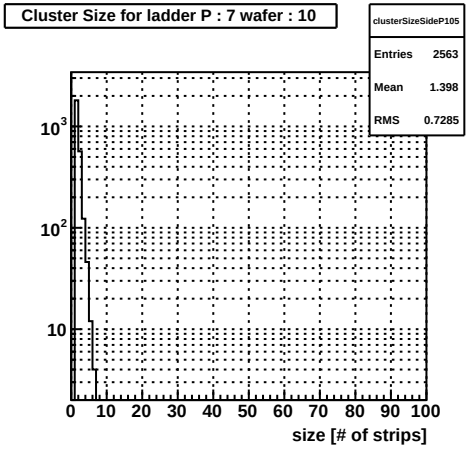

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 19379
Mean 1.3
RMS 0.6168
size [# of strips]

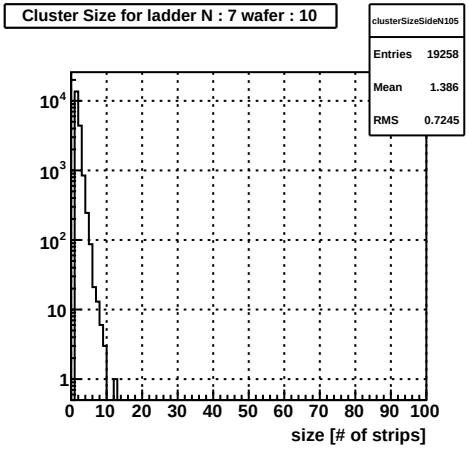

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 14505
Mean 1.405
RMS 0.7165
size [# of strips]

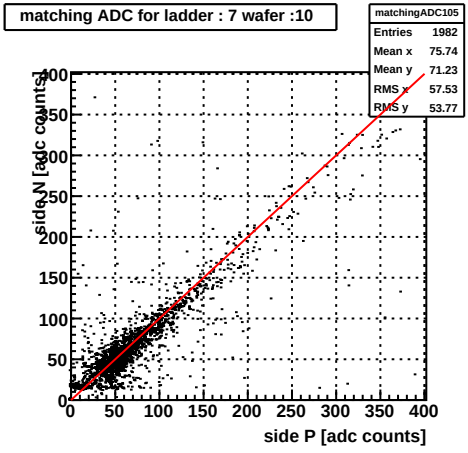

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 11863
Mean x 71.05
Mean y 65.4
RMS x 56.35
RMS y 53.02
side N [adc counts]
side P [adc counts]

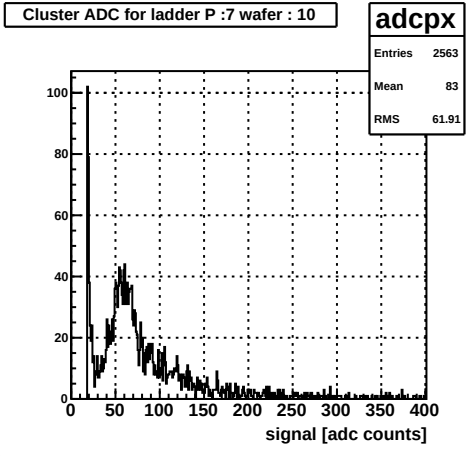

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 19379
Mean 55.2
RMS 50.71
signal [adc counts]

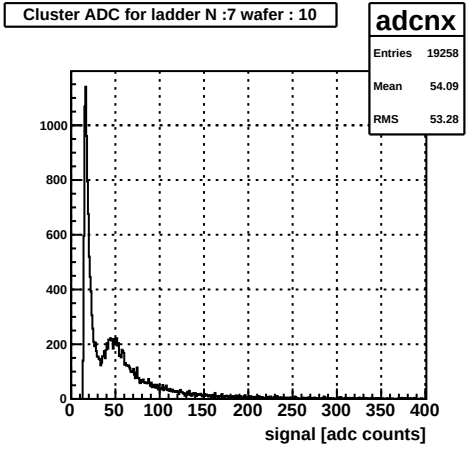

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 14505
Mean 64.34
RMS 54.9
signal [adc counts]

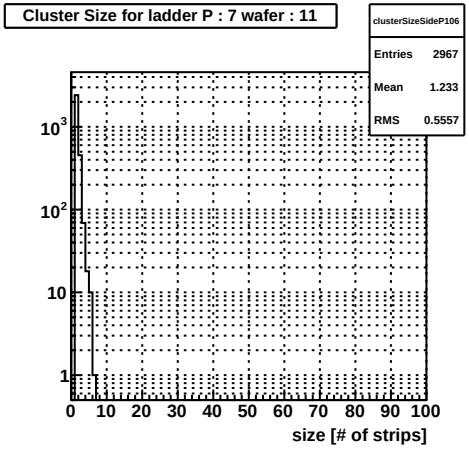

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 2563
Mean 1.398
RMS 0.7285
size [# of strips]

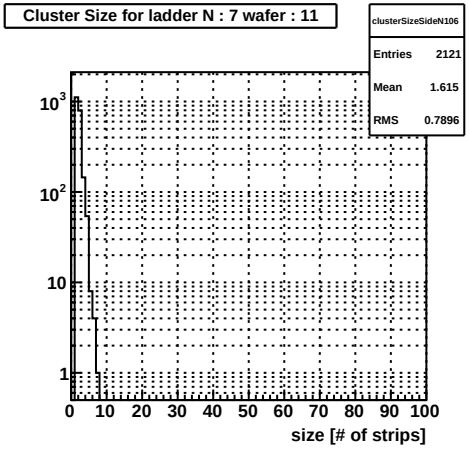

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 19258
Mean 1.386
RMS 0.7245
size [# of strips]

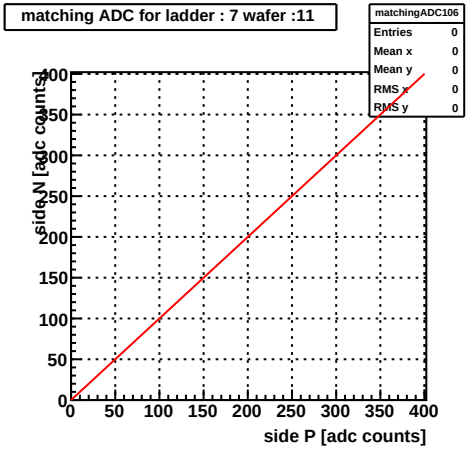

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1982
Mean x 75.74
Mean y 71.23
RMS x 57.53
RMS y 53.77
side N [adc counts]
side P [adc counts]

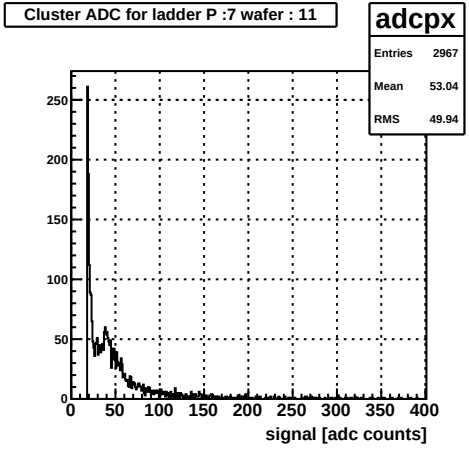

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 2563
Mean 83
RMS 61.91
signal [adc counts]

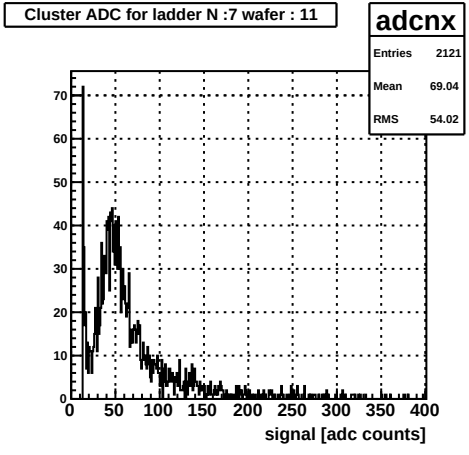

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 19258
Mean 54.09
RMS 53.28
signal [adc counts]

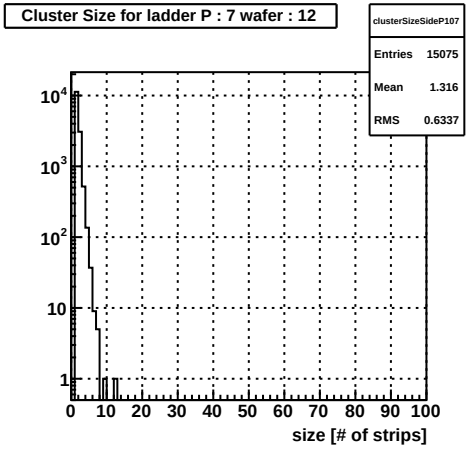

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 2967
Mean 1.233
RMS 0.5557
size [# of strips]

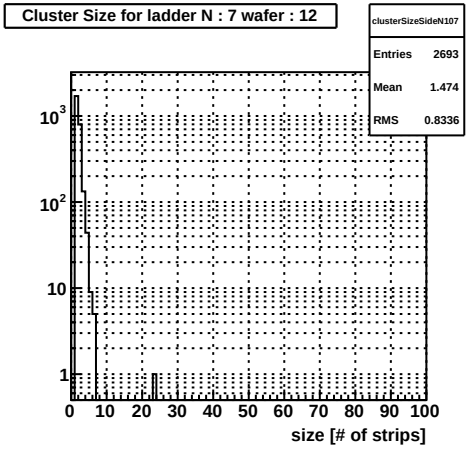

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 2121
Mean 1.615
RMS 0.7896
size [# of strips]

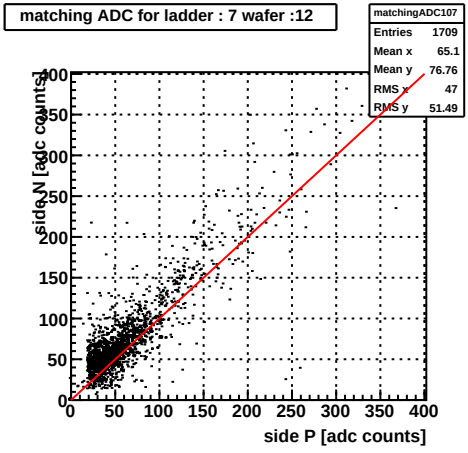

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

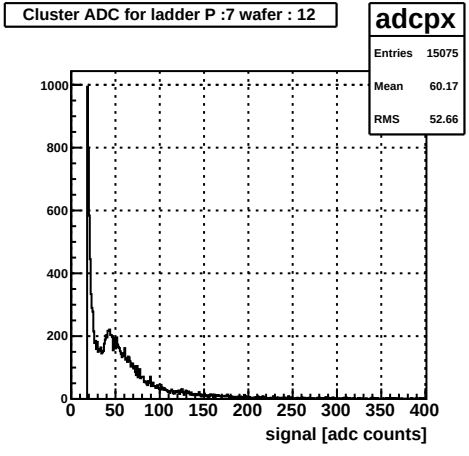

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 2967
Mean 53.04
RMS 49.94
signal [adc counts]

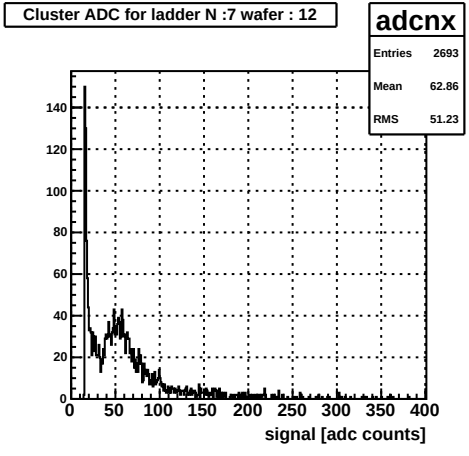

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 2121
Mean 69.04
RMS 54.02
signal [adc counts]

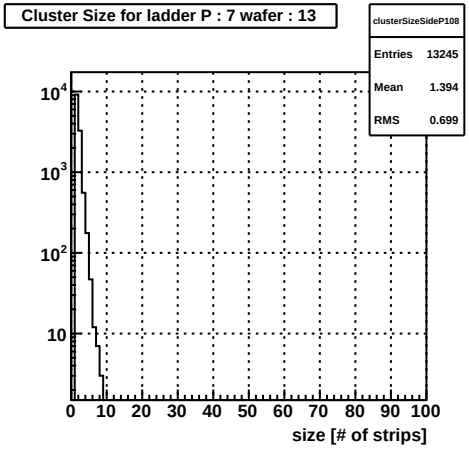

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 15075
Mean 1.316
RMS 0.6337
size [# of strips]

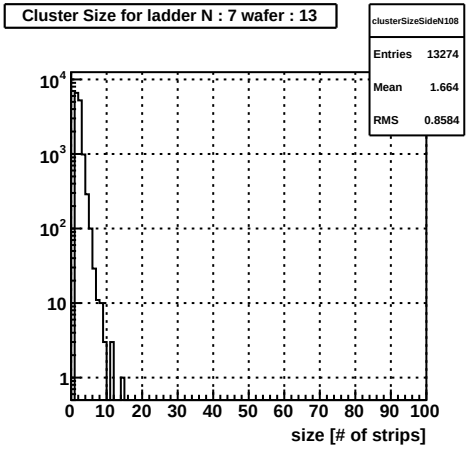

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2693
Mean 1.474
RMS 0.8336
size [# of strips]

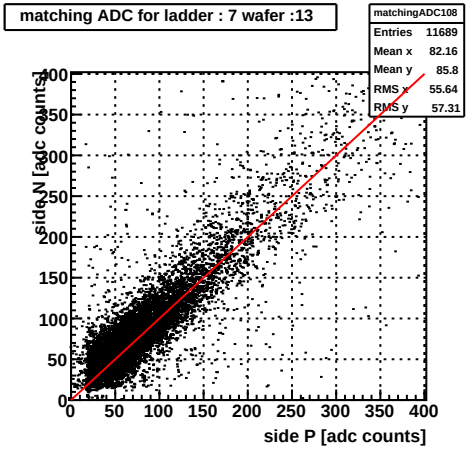

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1709
Mean x 65.1
Mean y 76.76
RMS x 47
RMS y 51.49
side N [adc counts]
side P [adc counts]

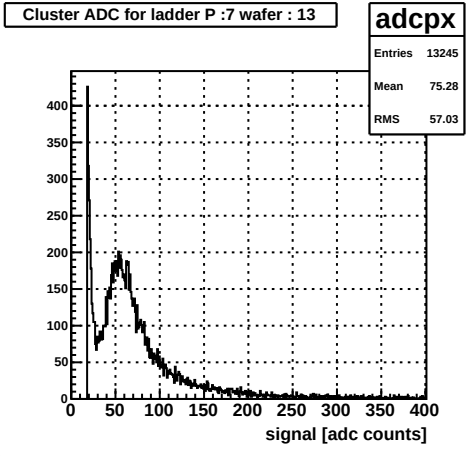

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 15075
Mean 60.17
RMS 52.66
signal [adc counts]

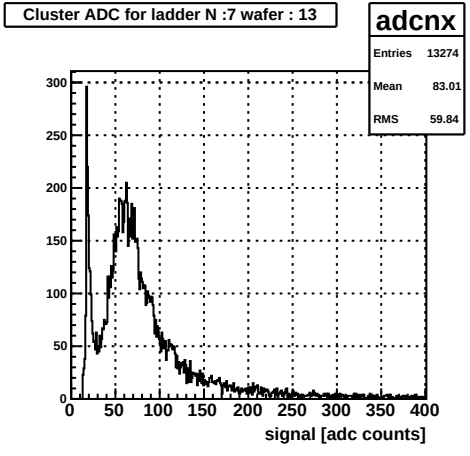

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2693
Mean 62.86
RMS 51.23
signal [adc counts]

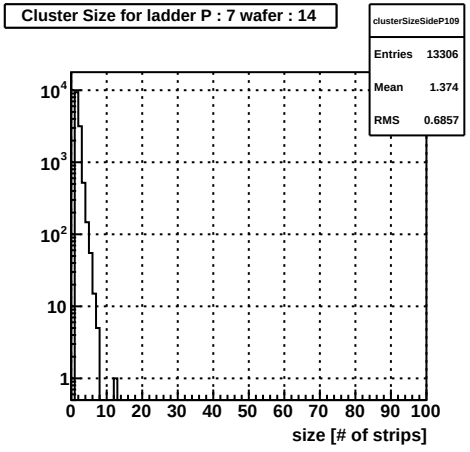

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 13245
Mean 1.394
RMS 0.699
size [# of strips]

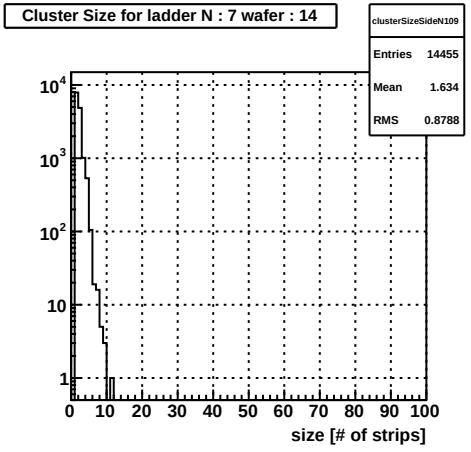

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 13274
Mean 1.664
RMS 0.8584
size [# of strips]

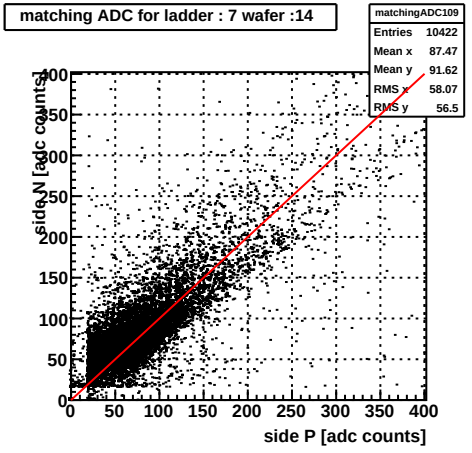

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 11689
Mean x 82.16
Mean y 85.8
RMS x 55.64
RMS y 57.31
side N [adc counts]
side P [adc counts]

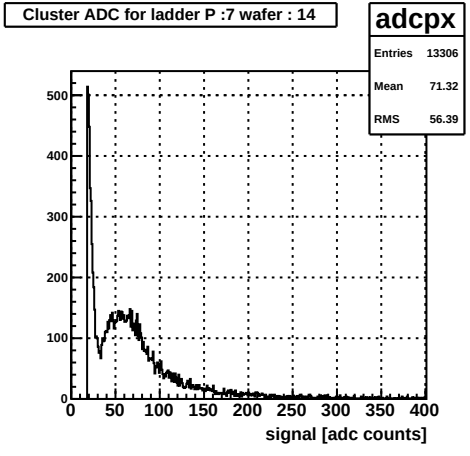

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 13245
Mean 75.28
RMS 57.03
signal [adc counts]

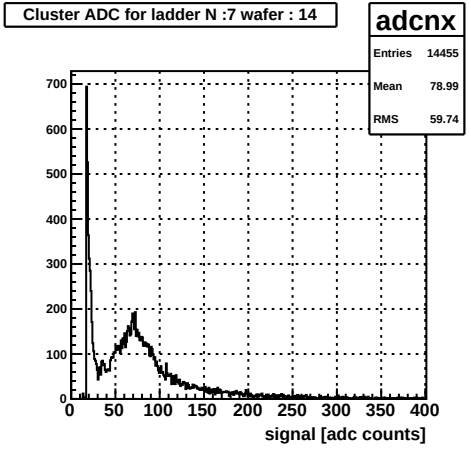

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 13274
Mean 83.01
RMS 59.84
signal [adc counts]

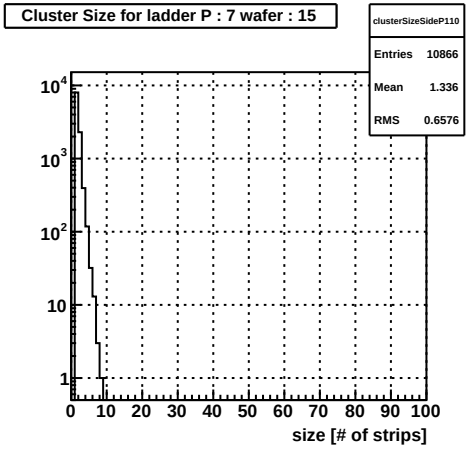

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 13306
Mean 1.374
RMS 0.6857
size [# of strips]

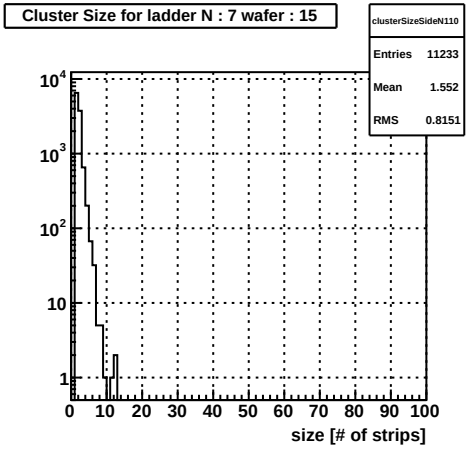

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 14455
Mean 1.634
RMS 0.8788
size [# of strips]

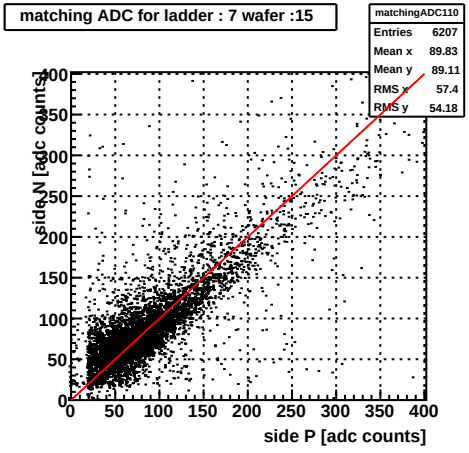

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 10422
Mean x 87.47
Mean y 91.62
RMS x 58.07
RMS y 56.5
side N [adc counts]
side P [adc counts]

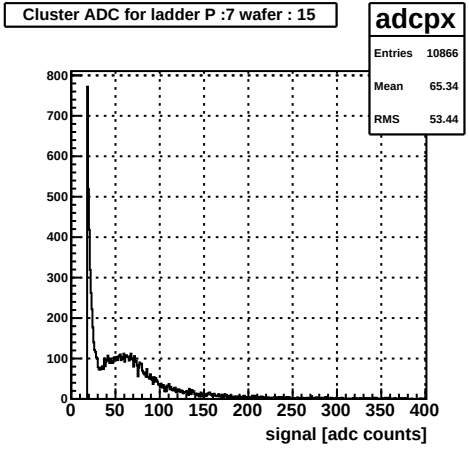

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 13306
Mean 71.32
RMS 56.39
signal [adc counts]

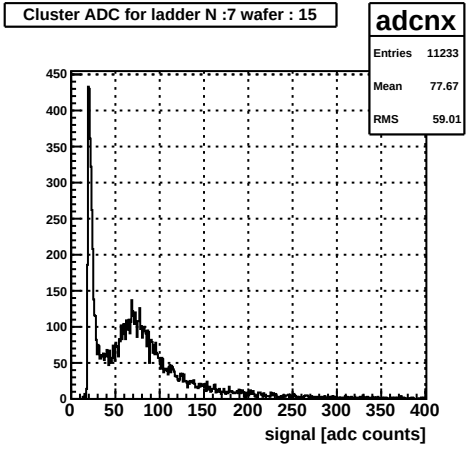

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 14455
Mean 78.99
RMS 59.74
signal [adc counts]

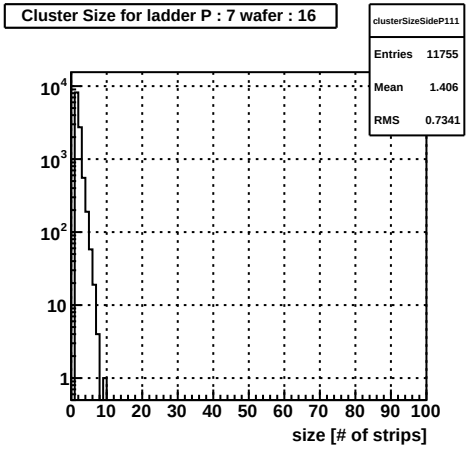

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 10866
Mean 1.336
RMS 0.6576
size [# of strips]

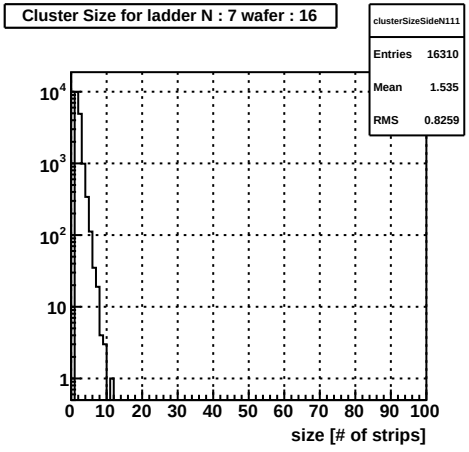

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 11233
Mean 1.552
RMS 0.8151
size [# of strips]

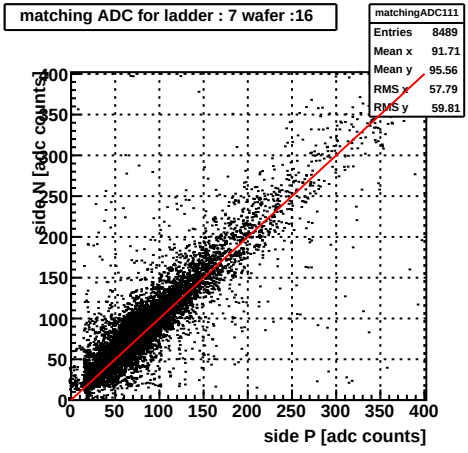

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 6207
Mean x 89.83
Mean y 89.11
RMS x 57.4
RMS y 54.18
side N [adc counts]
side P [adc counts]

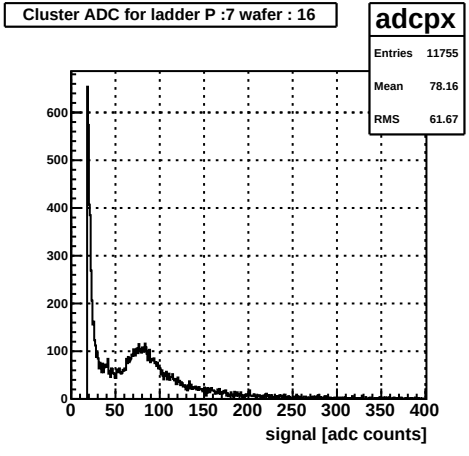

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 10866
Mean 65.34
RMS 53.44
signal [adc counts]

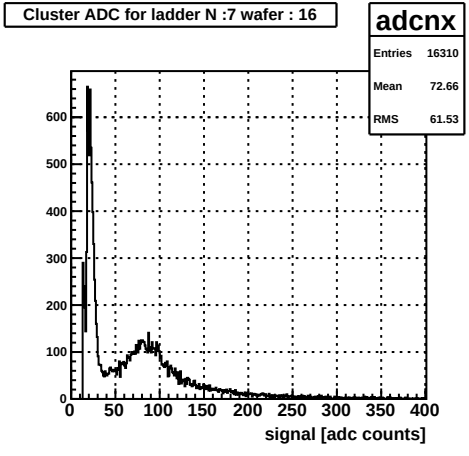

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 11233
Mean 77.67
RMS 59.01
signal [adc counts]

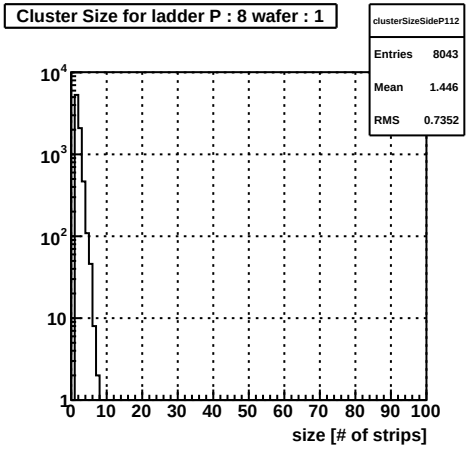

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 11755
Mean 1.406
RMS 0.7341
size [# of strips]

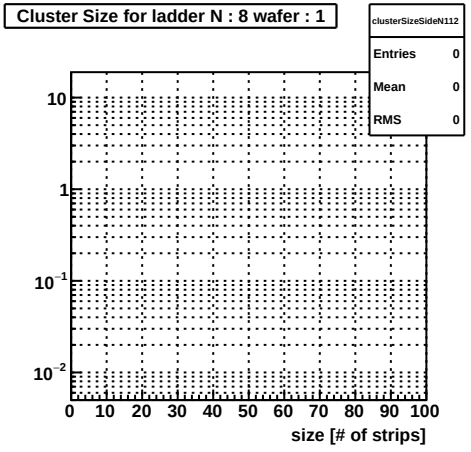

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 16310
Mean 1.535
RMS 0.8259
size [# of strips]

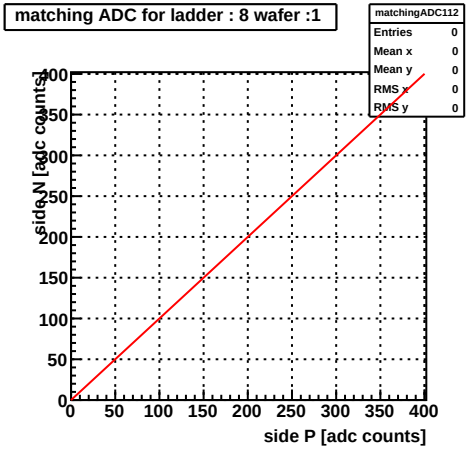

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 8489
Mean x 91.71
Mean y 95.56
RMS x 57.79
RMS y 59.81
side N [adc counts]
side P [adc counts]

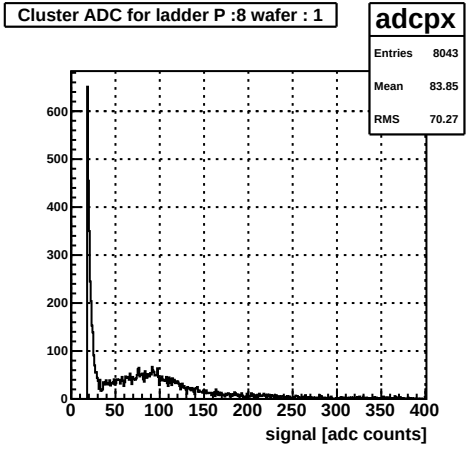

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 11755
Mean 78.16
RMS 61.67
signal [adc counts]

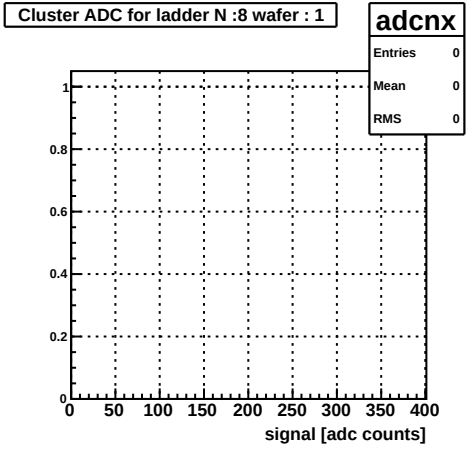

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 16310
Mean 72.66
RMS 61.53
signal [adc counts]

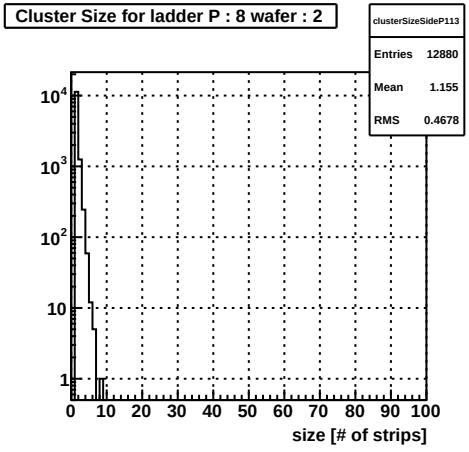

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 8043
Mean 1.446
RMS 0.7352
size [# of strips]

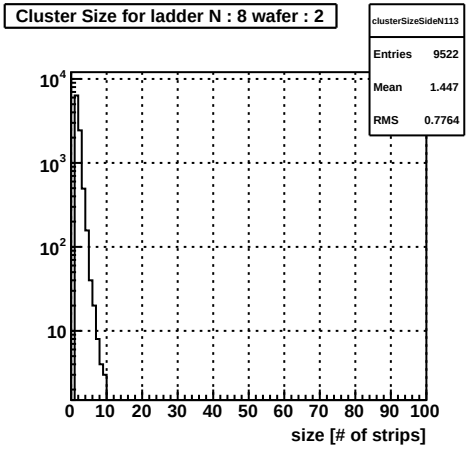

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

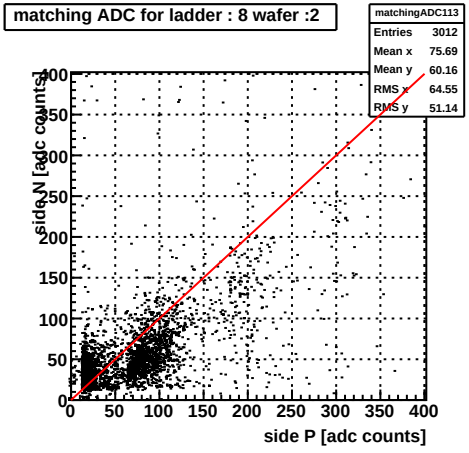

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

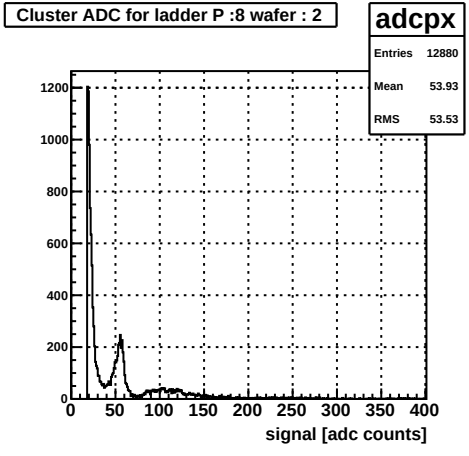

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 8043
Mean 83.85
RMS 70.27
signal [adc counts]

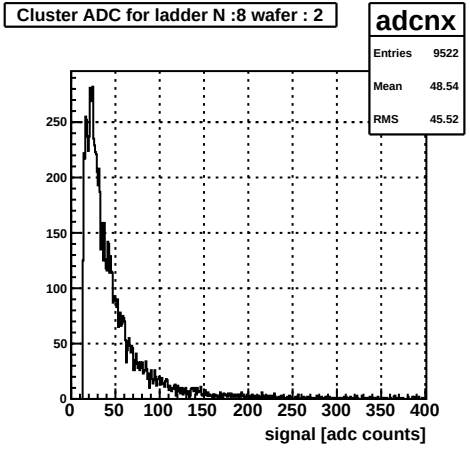

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

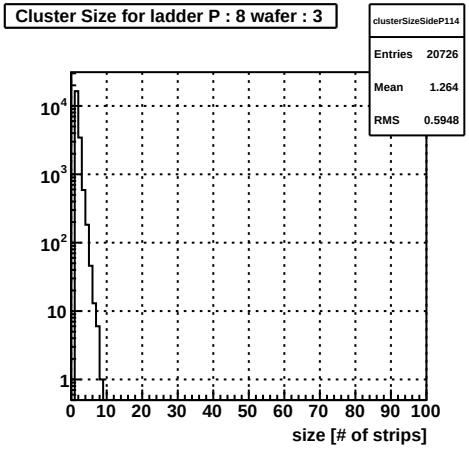

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 12880
Mean 1.155
RMS 0.4678
size [# of strips]

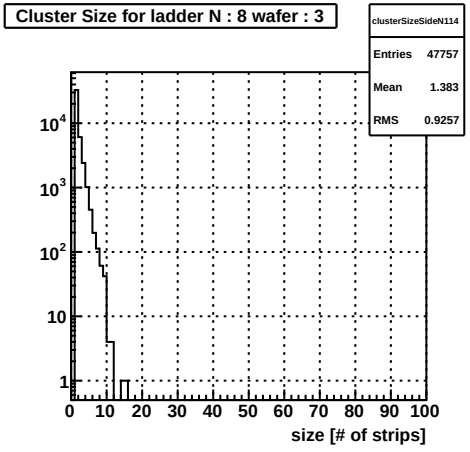

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 9522
Mean 1.447
RMS 0.7764
size [# of strips]

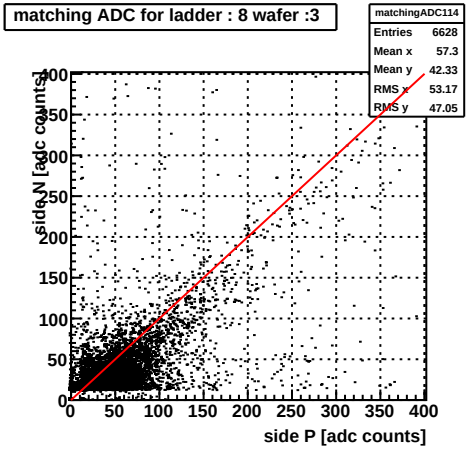

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3012
Mean x 75.69
Mean y 60.16
RMS x 64.55
RMS y 51.14
side N [adc counts]
side P [adc counts]

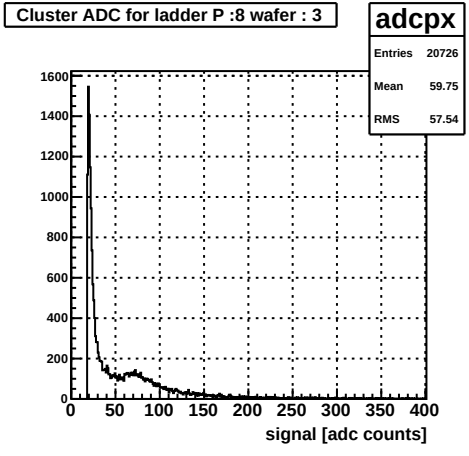

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 12880
Mean 53.93
RMS 53.53
signal [adc counts]

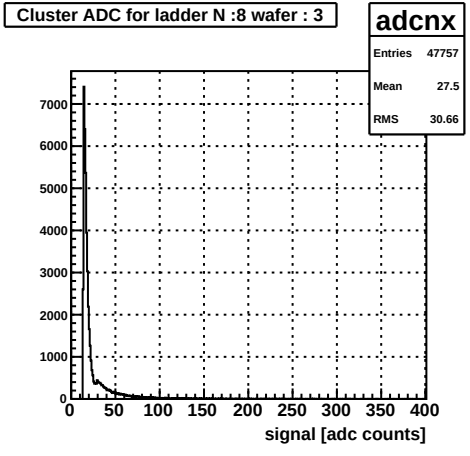

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 9522
Mean 48.54
RMS 45.52
signal [adc counts]

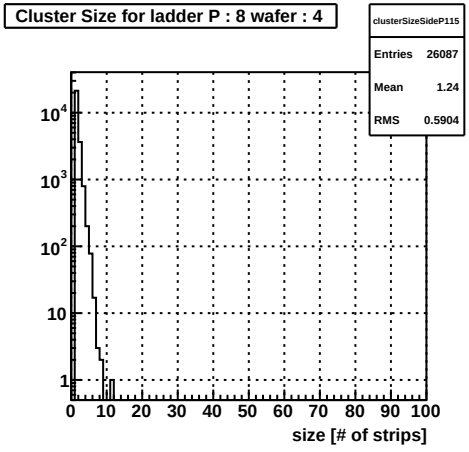

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 20726
Mean 1.264
RMS 0.5948
size [# of strips]

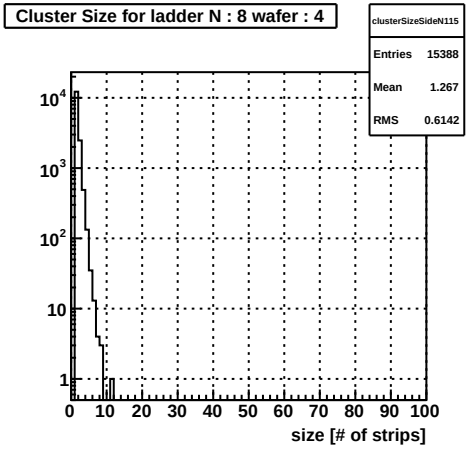

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 47757
Mean 1.383
RMS 0.9257
size [# of strips]

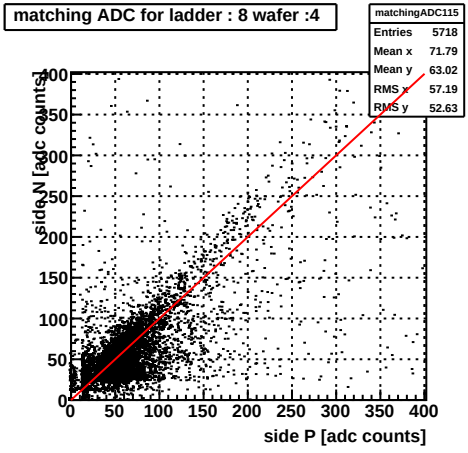

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 6628
Mean x 57.3
Mean y 42.33
RMS x 53.17
RMS y 47.05
side N [adc counts]
side P [adc counts]

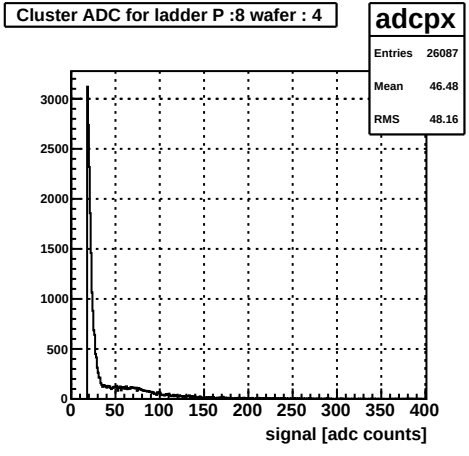

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 20726
Mean 59.75
RMS 57.54
signal [adc counts]

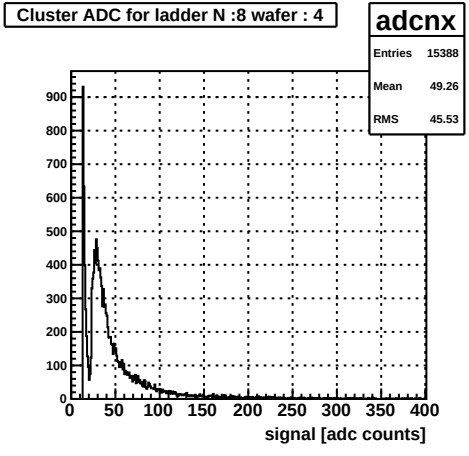

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 47757
Mean 27.5
RMS 30.66
signal [adc counts]

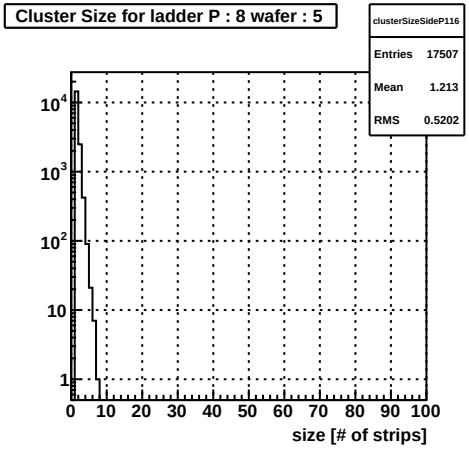

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 26087
Mean 1.24
RMS 0.5904
size [# of strips]

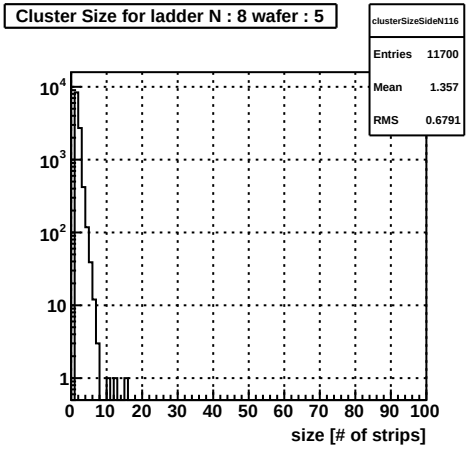

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 15388
Mean 1.267
RMS 0.6142
size [# of strips]

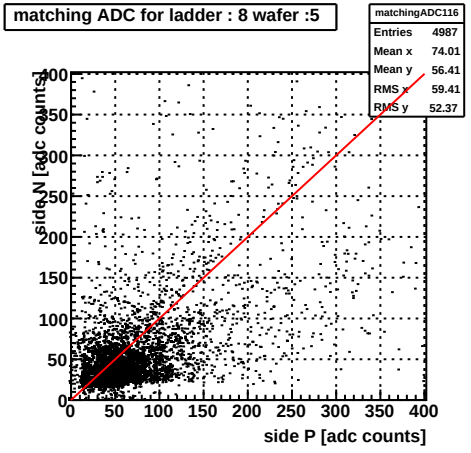

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 5718
Mean x 71.79
Mean y 63.02
RMS x 57.19
RMS y 52.63
side N [adc counts]
side P [adc counts]

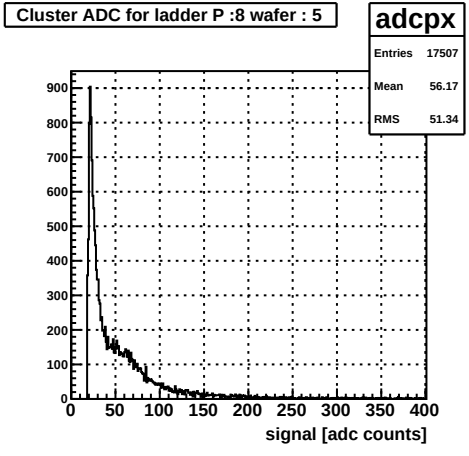

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 26087
Mean 46.48
RMS 48.16
signal [adc counts]

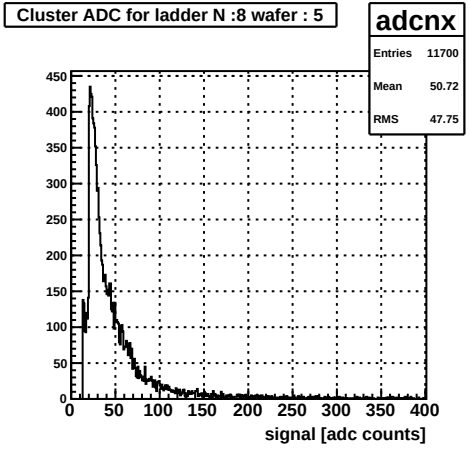

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 15388
Mean 49.26
RMS 45.53
signal [adc counts]

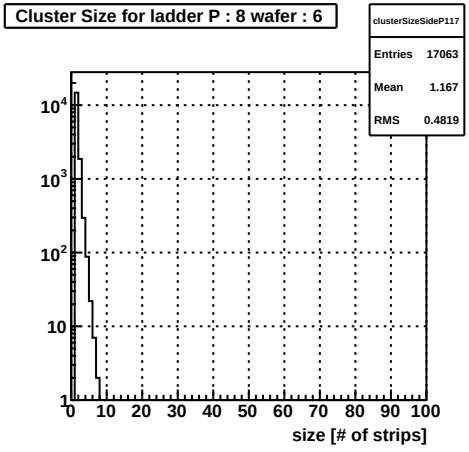

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 17507
Mean 1.213
RMS 0.5202
size [# of strips]

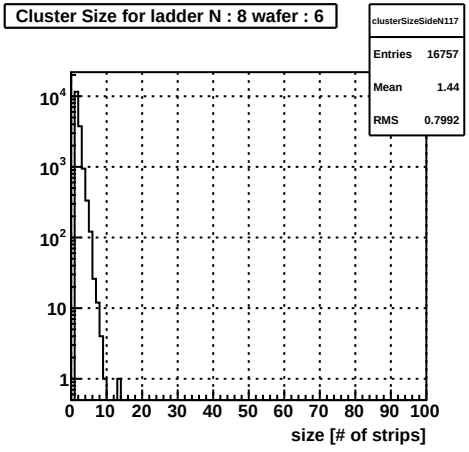

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 11700
Mean 1.357
RMS 0.6791
size [# of strips]

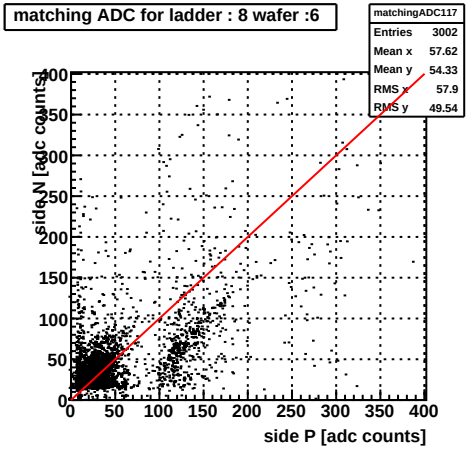

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 4987
Mean x 74.01
Mean y 56.41
RMS x 59.41
RMS y 52.37
side N [adc counts]
side P [adc counts]

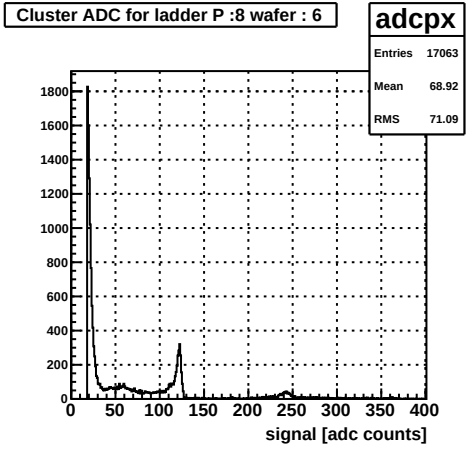

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 17507
Mean 56.17
RMS 51.34
signal [adc counts]

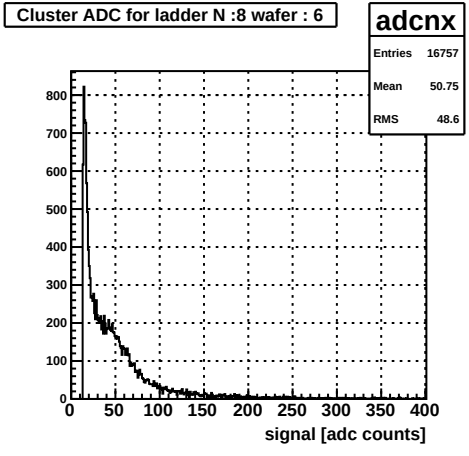

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 11700
Mean 50.72
RMS 47.75
signal [adc counts]

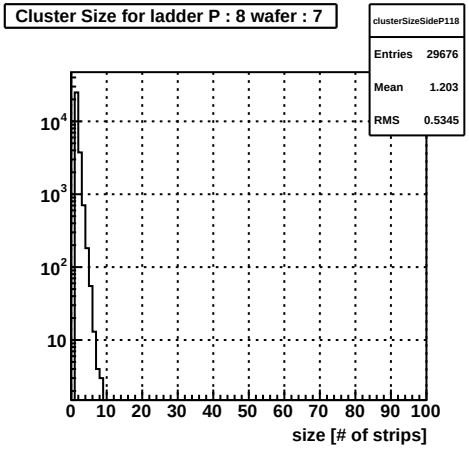

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 17063
Mean 1.167
RMS 0.4819
size [# of strips]

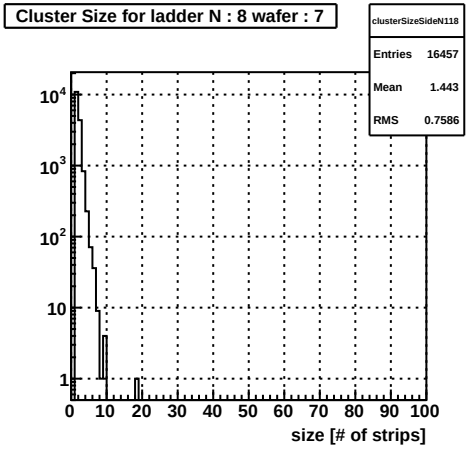

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 16757
Mean 1.44
RMS 0.7992
size [# of strips]

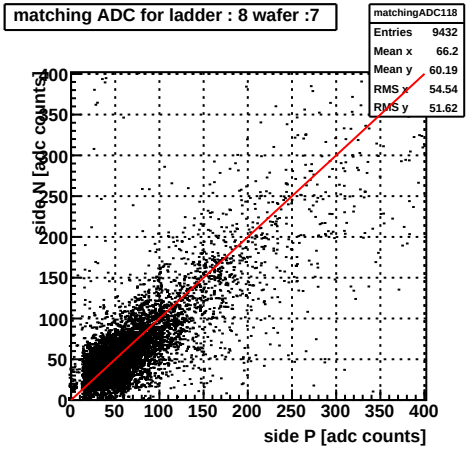

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3002
Mean x 57.62
Mean y 54.33
RMS x 57.9
RMS y 49.54
side N [adc counts]
side P [adc counts]

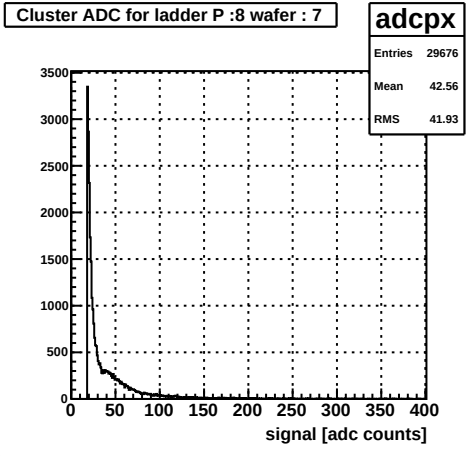

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 17063
Mean 68.92
RMS 71.09
signal [adc counts]

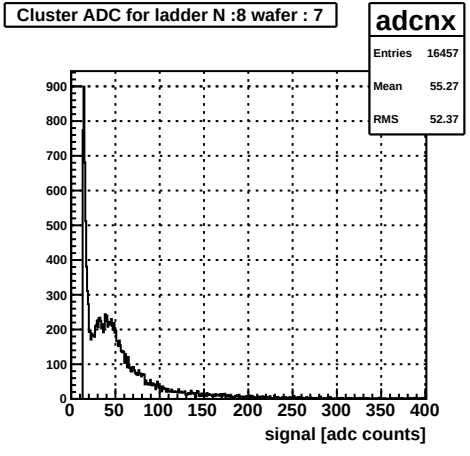

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 16757
Mean 50.75
RMS 48.6
signal [adc counts]

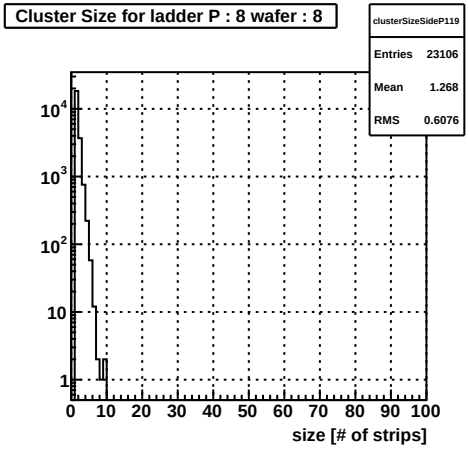

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 29676
Mean 1.203
RMS 0.5345
size [# of strips]

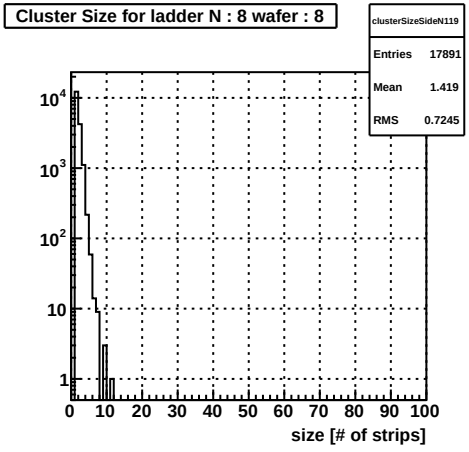

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 16457
Mean 1.443
RMS 0.7586
size [# of strips]

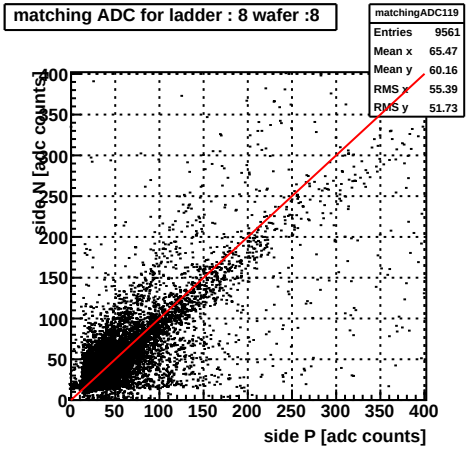

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 9432
Mean x 66.2
Mean y 60.19
RMS x 54.54
RMS y 51.62
side N [adc counts]
side P [adc counts]

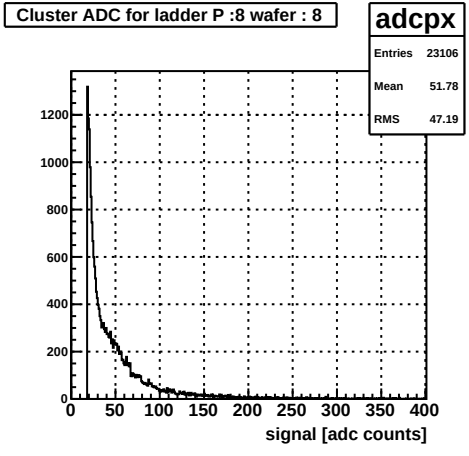

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 29676
Mean 42.56
RMS 41.93
signal [adc counts]

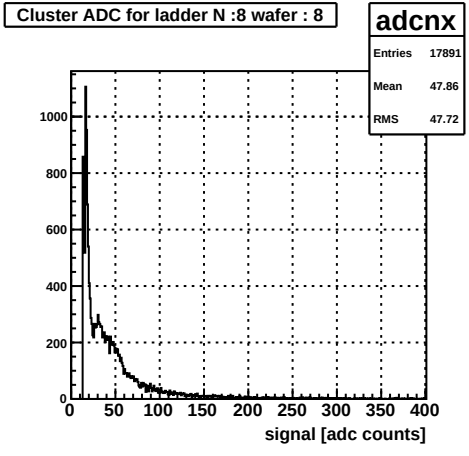

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 16457
Mean 55.27
RMS 52.37
signal [adc counts]

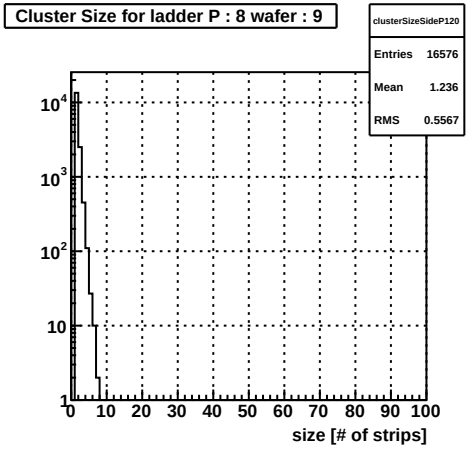

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 23106
Mean 1.268
RMS 0.6076
size [# of strips]

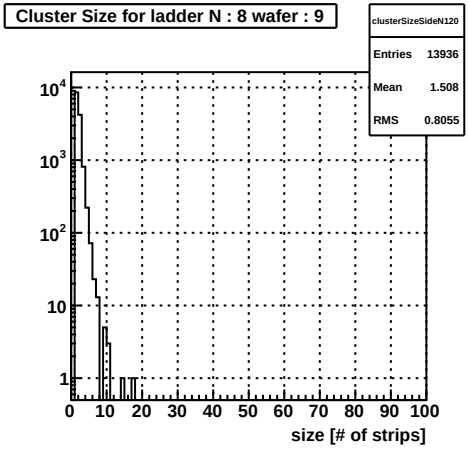

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 17891
Mean 1.419
RMS 0.7245
size [# of strips]

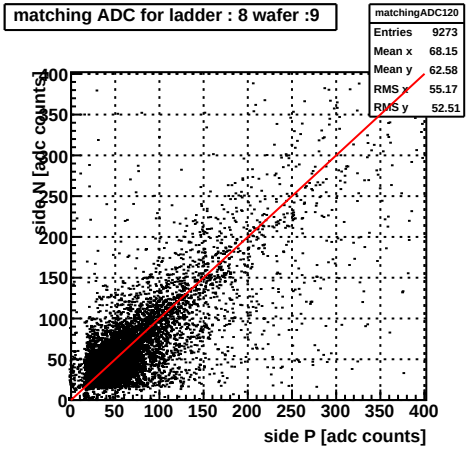

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 9561
Mean x 65.47
Mean y 60.16
RMS x 55.39
RMS y 51.73
side N [adc counts]
side P [adc counts]

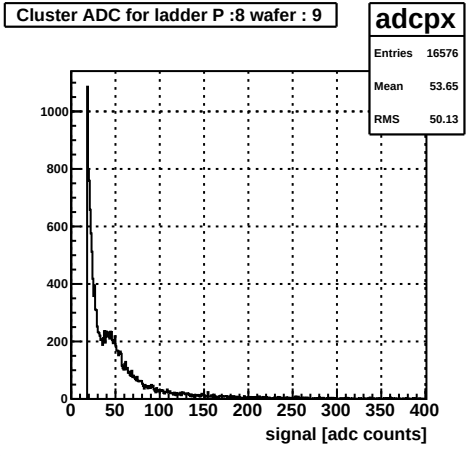

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 23106
Mean 51.78
RMS 47.19
signal [adc counts]

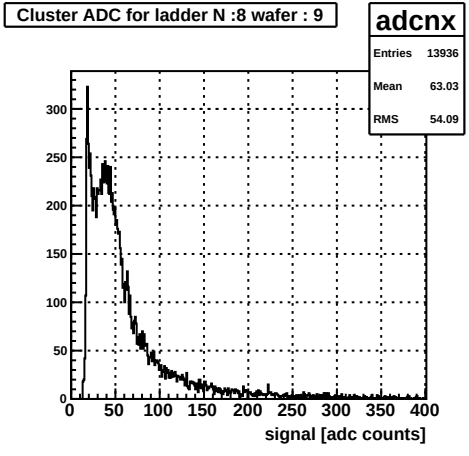

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 17891
Mean 47.86
RMS 47.72
signal [adc counts]

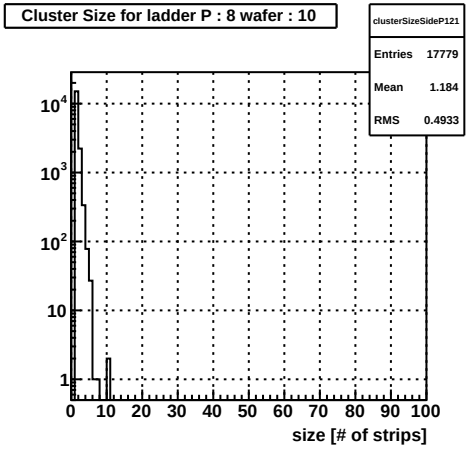

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 16576
Mean 1.236
RMS 0.5567
size [# of strips]

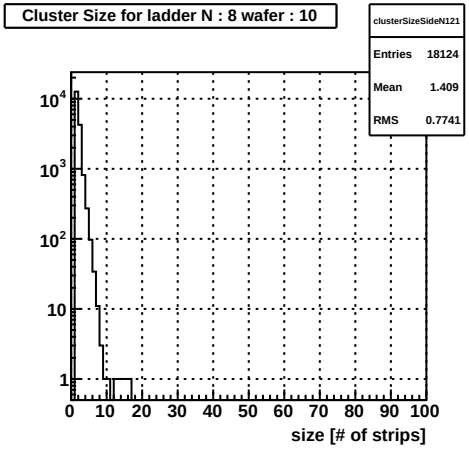

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 13936
Mean 1.508
RMS 0.8055
size [# of strips]

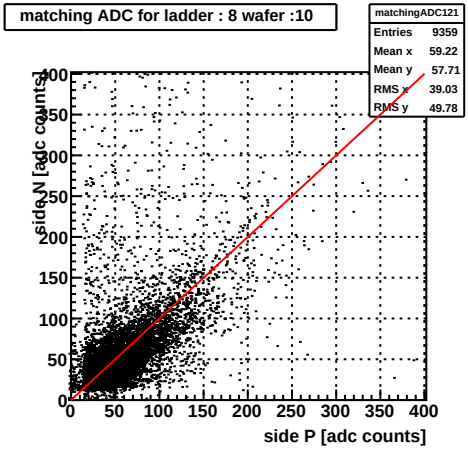

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 9273
Mean x 68.15
Mean y 62.58
RMS x 55.17
RMS y 52.51
side N [adc counts]
side P [adc counts]

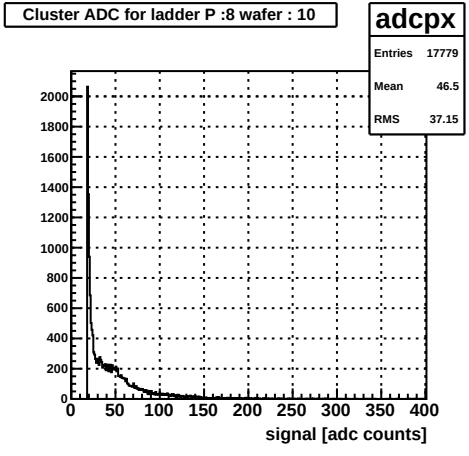

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 16576
Mean 53.65
RMS 50.13
signal [adc counts]

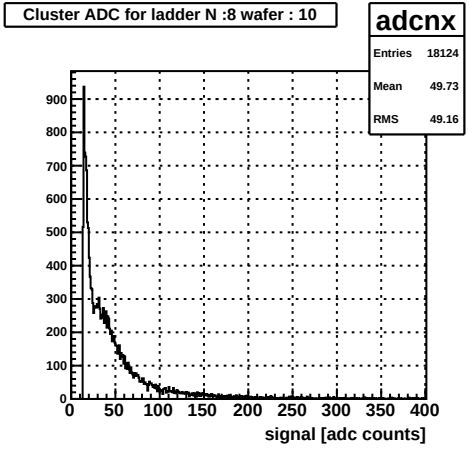

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 13936
Mean 63.03
RMS 54.09
signal [adc counts]

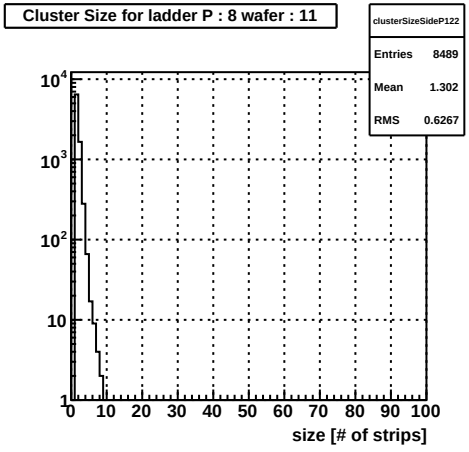

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 17779
Mean 1.184
RMS 0.4933
size [# of strips]

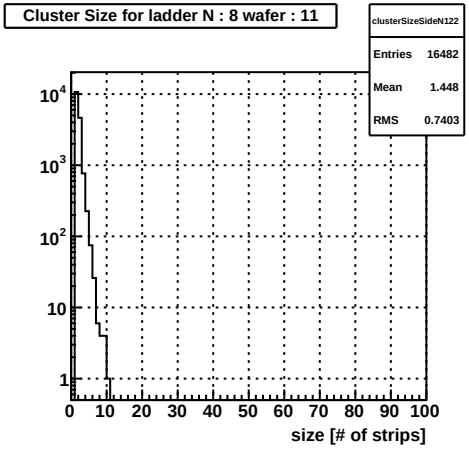

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 18124
Mean 1.409
RMS 0.7741
size [# of strips]

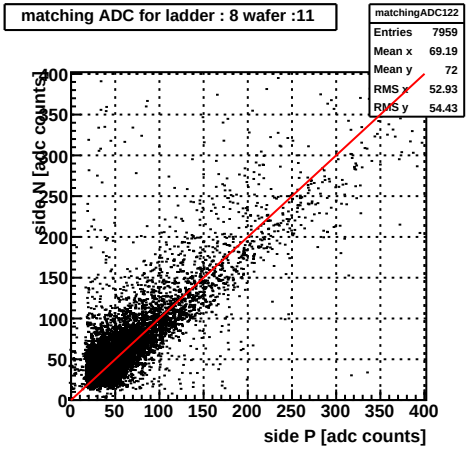

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 9359
Mean x 59.22
Mean y 57.71
RMS x 39.03
RMS y 49.78
side N [adc counts]
side P [adc counts]

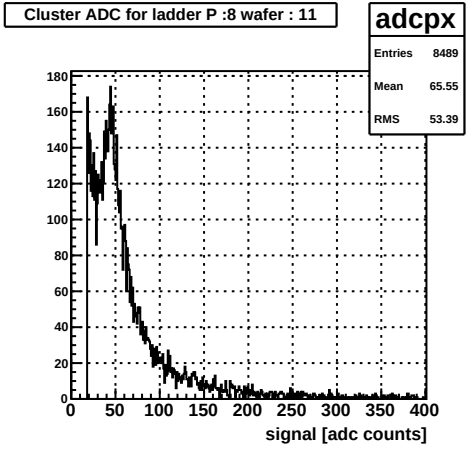

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 17779
Mean 46.5
RMS 37.15
signal [adc counts]

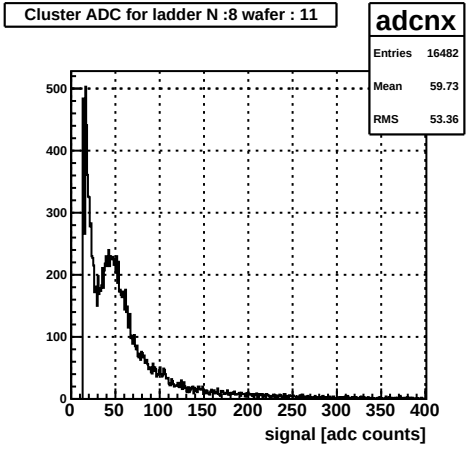

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 18124
Mean 49.73
RMS 49.16
signal [adc counts]

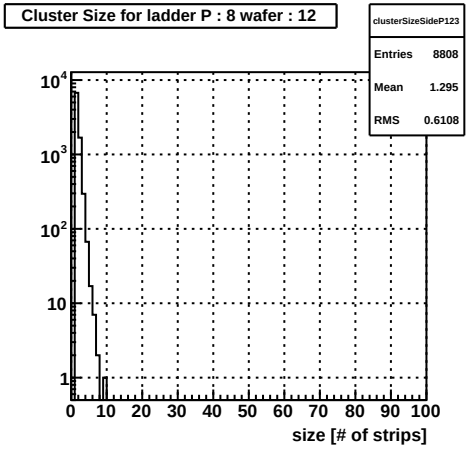

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 8489
Mean 1.302
RMS 0.6267
size [# of strips]

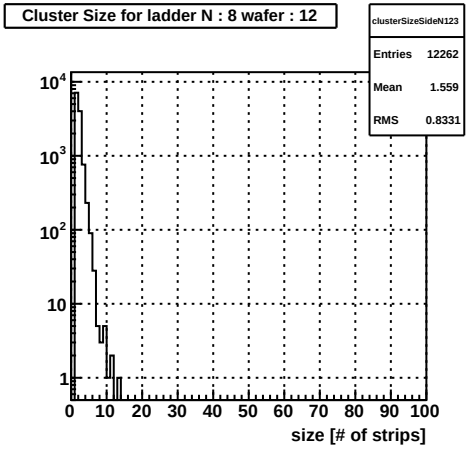

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 16482
Mean 1.448
RMS 0.7403
size [# of strips]

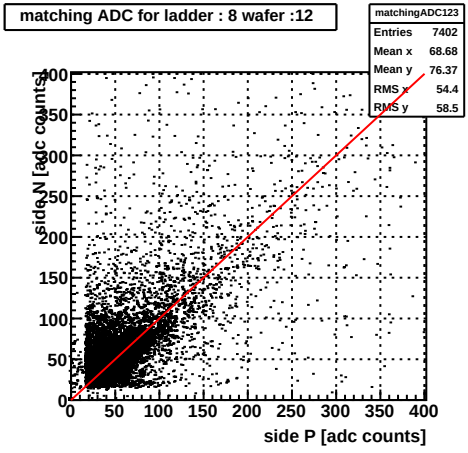

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 7959
Mean x 69.19
Mean y 72
RMS x 52.93
RMS y 54.43
side N [adc counts]
side P [adc counts]

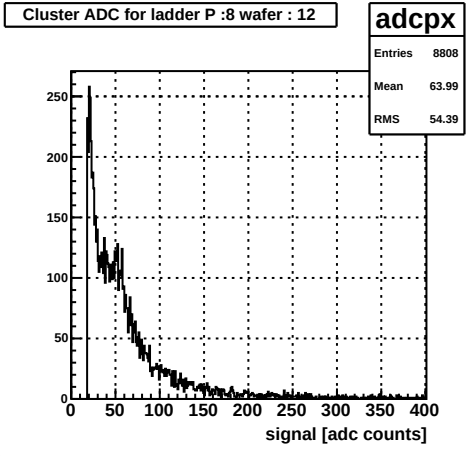

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 8489
Mean 65.55
RMS 53.39
signal [adc counts]

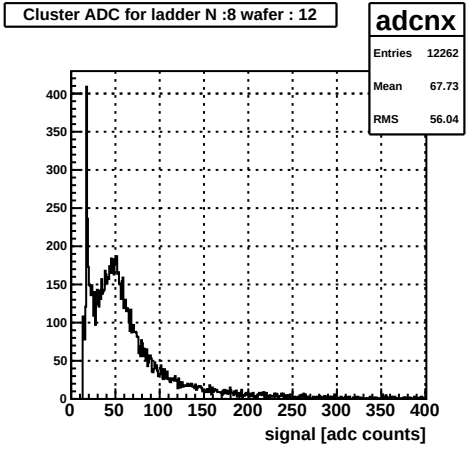

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 16482
Mean 59.73
RMS 53.36
signal [adc counts]

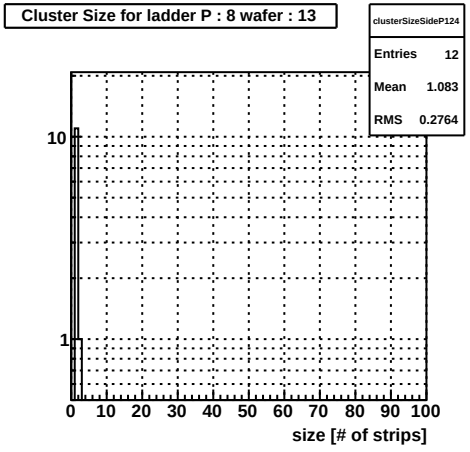

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 8808
Mean 1.295
RMS 0.6108
size [# of strips]

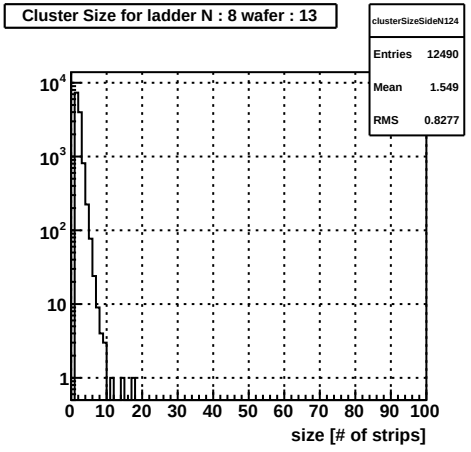

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 12262
Mean 1.559
RMS 0.8331
size [# of strips]

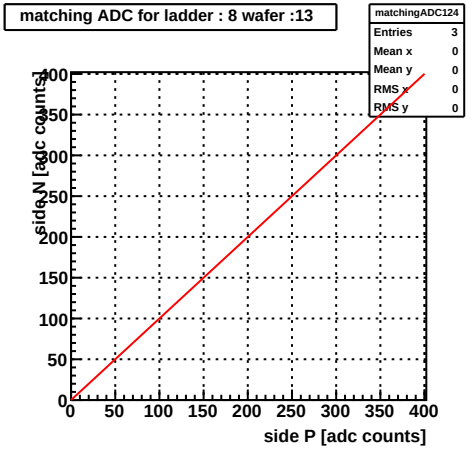

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 7402
Mean x 68.68
Mean y 76.37
RMS x 54.4
RMS y 58.5
side N [adc counts]
side P [adc counts]

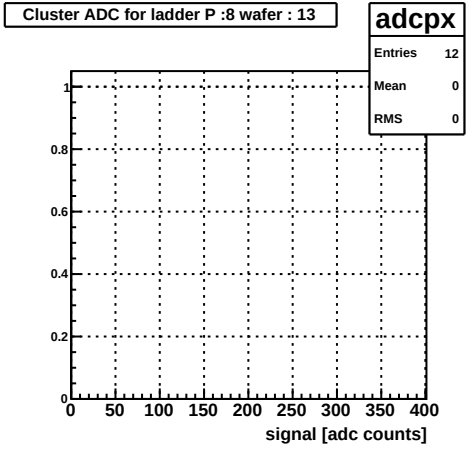

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 8808
Mean 63.99
RMS 54.39
signal [adc counts]

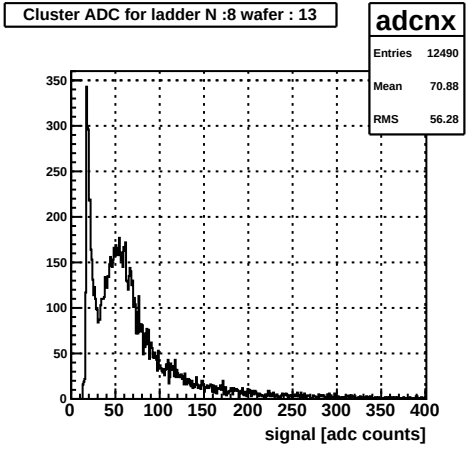

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 12262
Mean 67.73
RMS 56.04
signal [adc counts]

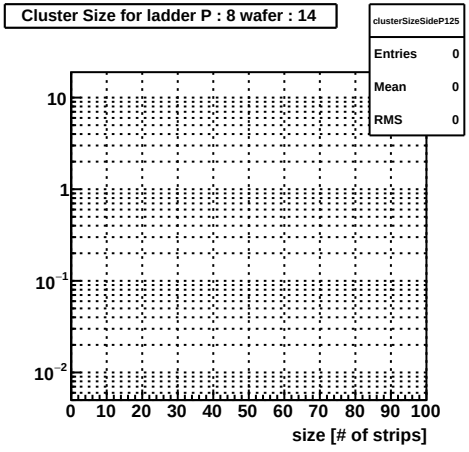

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 12
Mean 1.083
RMS 0.2764
size [# of strips]

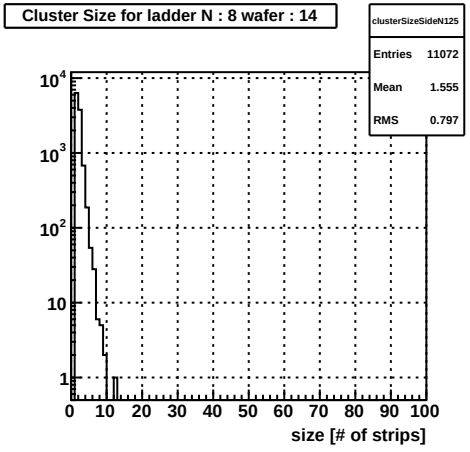

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 12490
Mean 1.549
RMS 0.8277
size [# of strips]

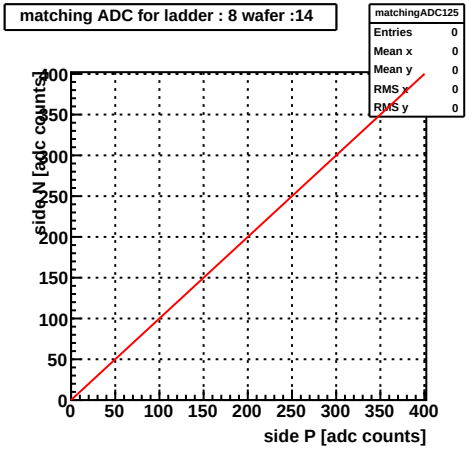

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

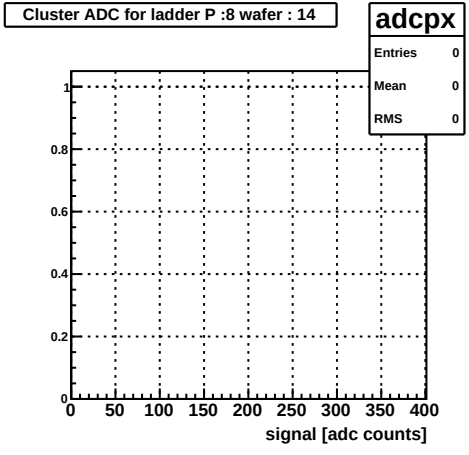

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 12
Mean 0
RMS 0
signal [adc counts]

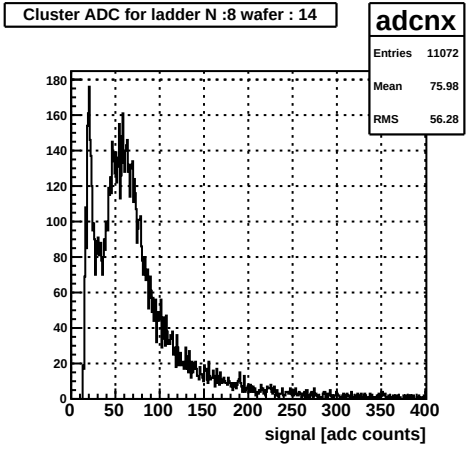

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 12490
Mean 70.88
RMS 56.28
signal [adc counts]

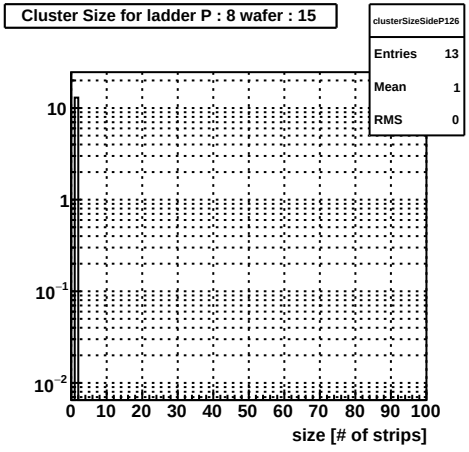

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

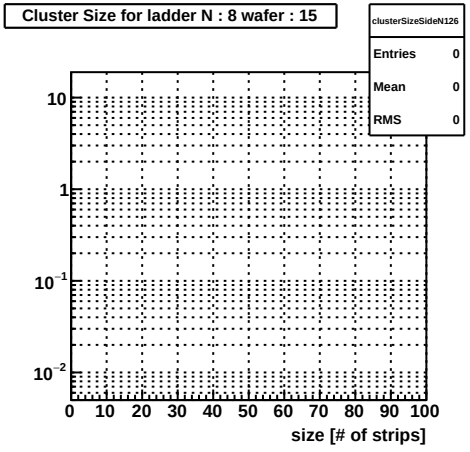

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 11072
Mean 1.555
RMS 0.797
size [# of strips]

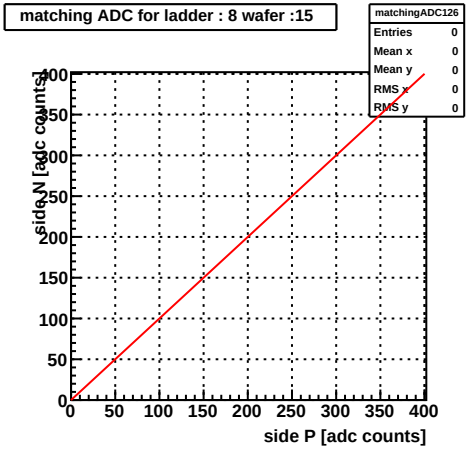

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

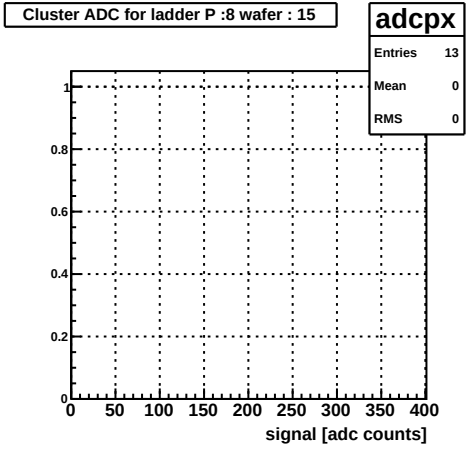

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

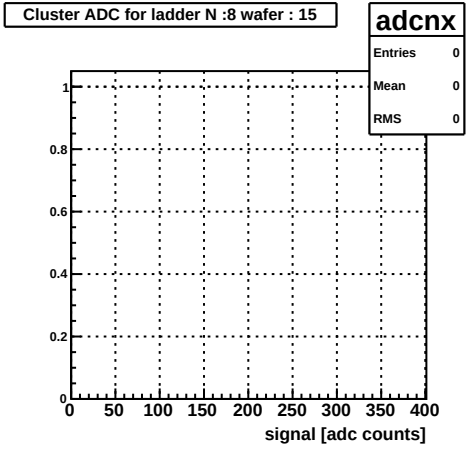

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 11072
Mean 75.98
RMS 56.28
signal [adc counts]

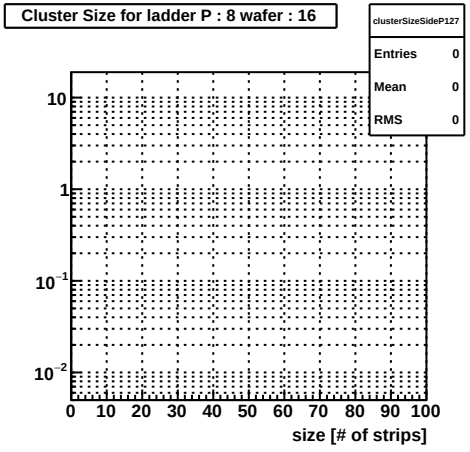

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 13
Mean 1
RMS 0
size [# of strips]

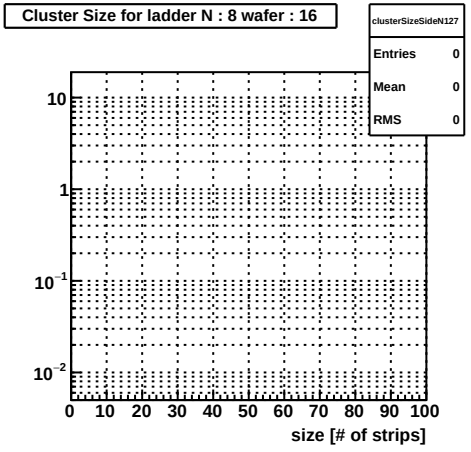

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

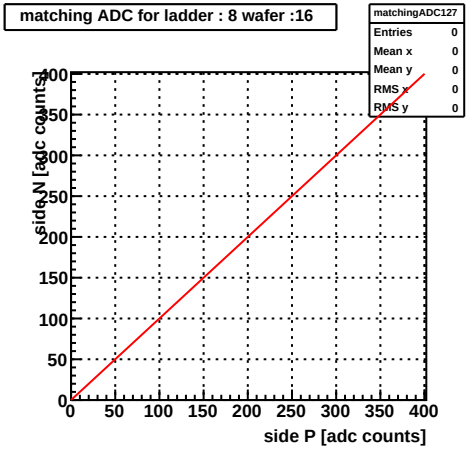

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

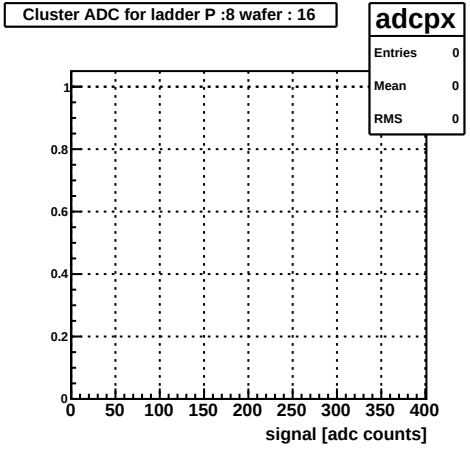

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 13
Mean 0
RMS 0
signal [adc counts]

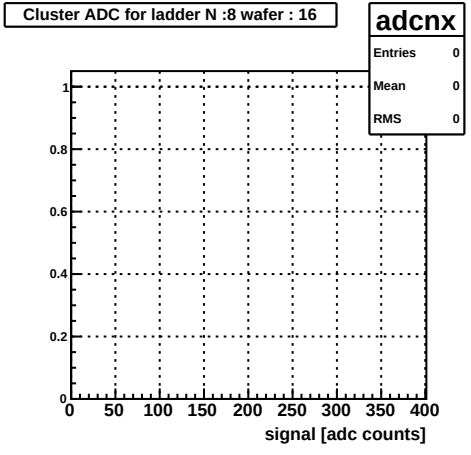

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

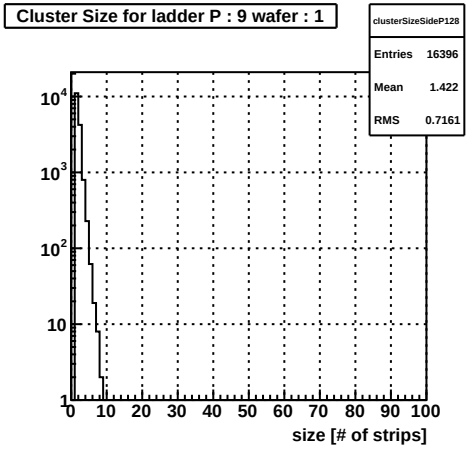

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

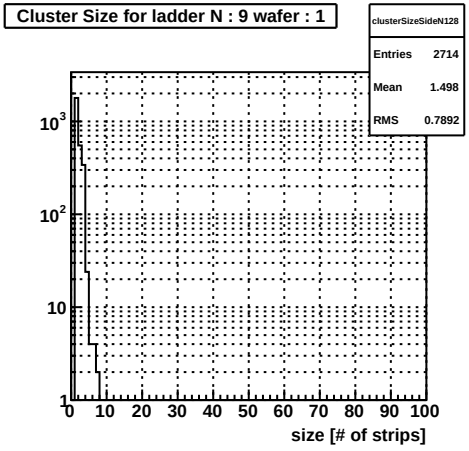

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

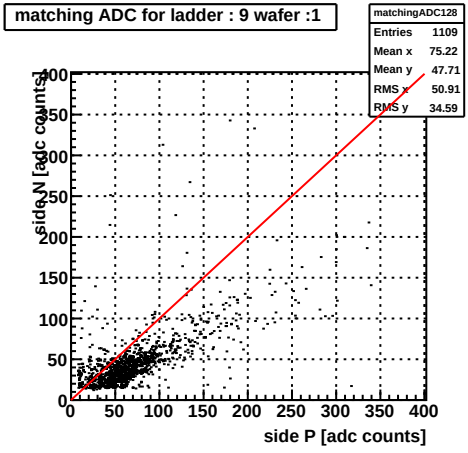

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

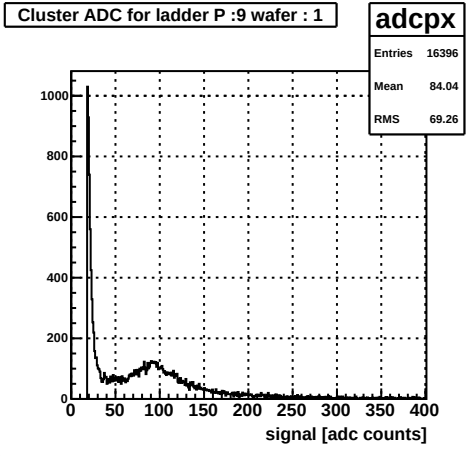

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

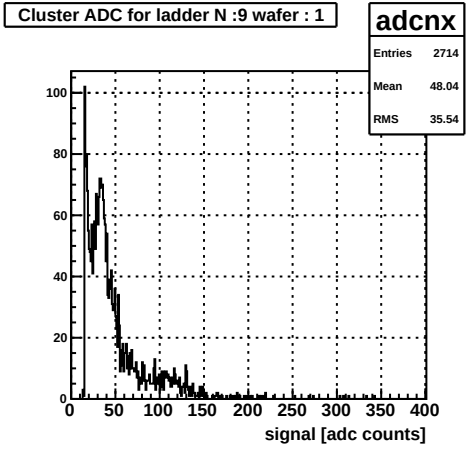

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

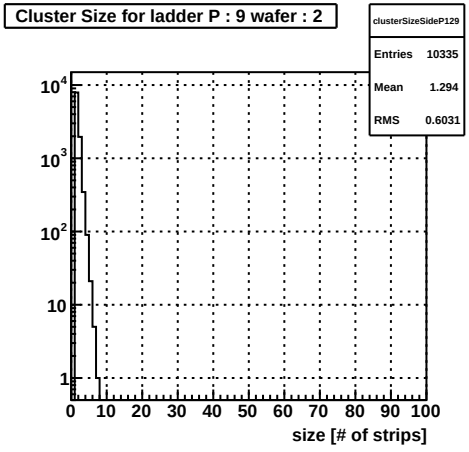

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 16396
Mean 1.422
RMS 0.7161
size [# of strips]

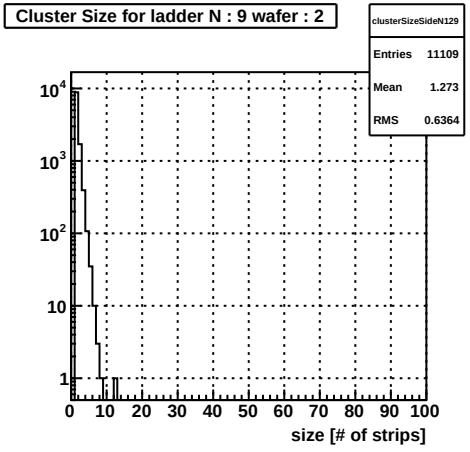

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2714
Mean 1.498
RMS 0.7892
size [# of strips]

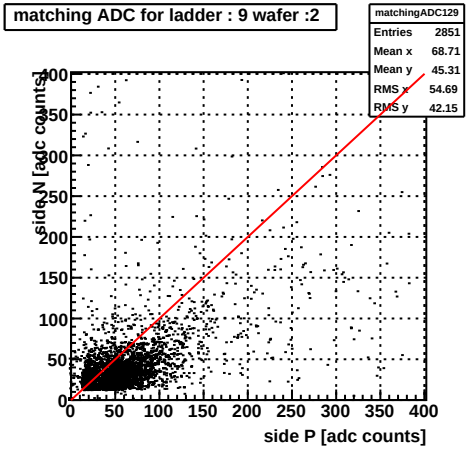

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1109
Mean x 75.22
Mean y 47.71
RMS x 50.91
RMS y 34.59
side N [adc counts]
side P [adc counts]

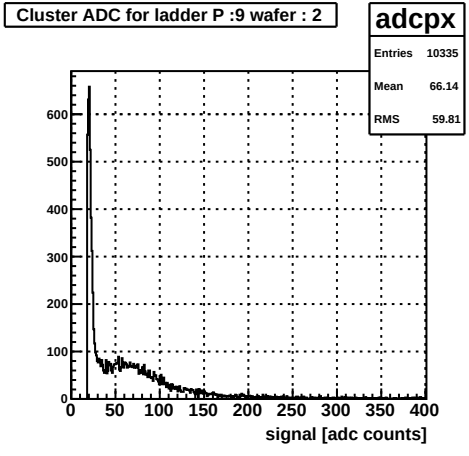

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 16396
Mean 84.04
RMS 69.26
signal [adc counts]

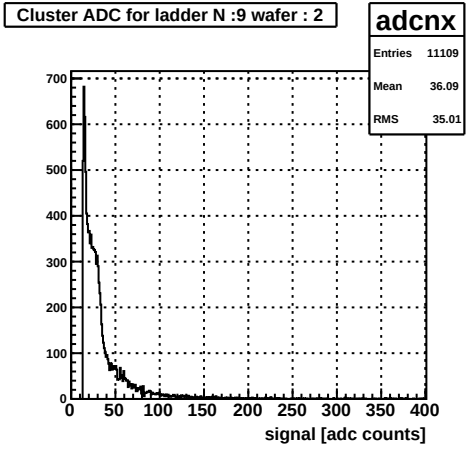

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2714
Mean 48.04
RMS 35.54
signal [adc counts]

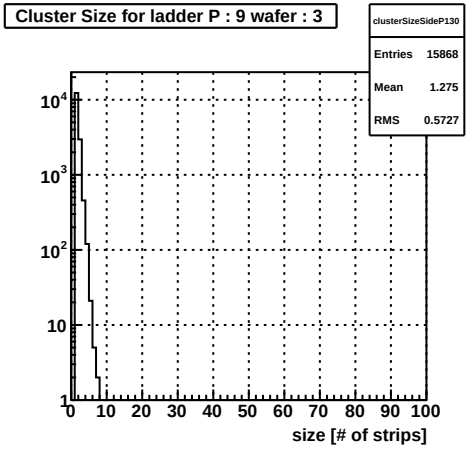

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 10335
Mean 1.294
RMS 0.6031
size [# of strips]

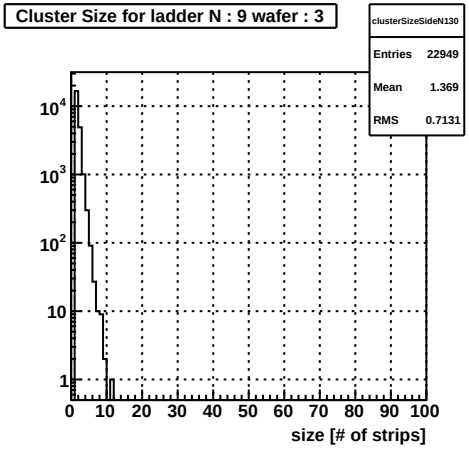

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 11109
Mean 1.273
RMS 0.6364
size [# of strips]

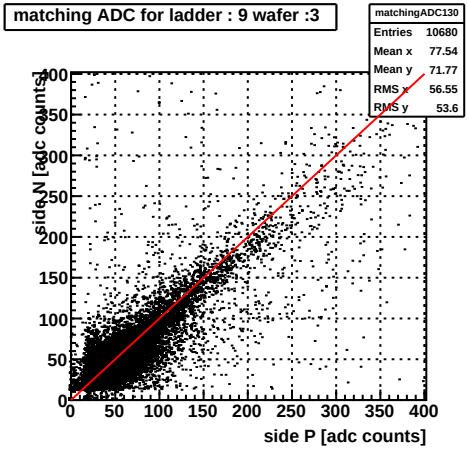

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2851
Mean x 68.71
Mean y 45.31
RMS x 54.69
RMS y 42.15
side N [adc counts]
side P [adc counts]

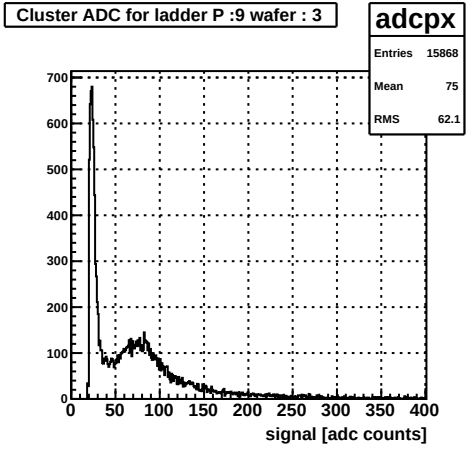

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 10335
Mean 66.14
RMS 59.81
signal [adc counts]

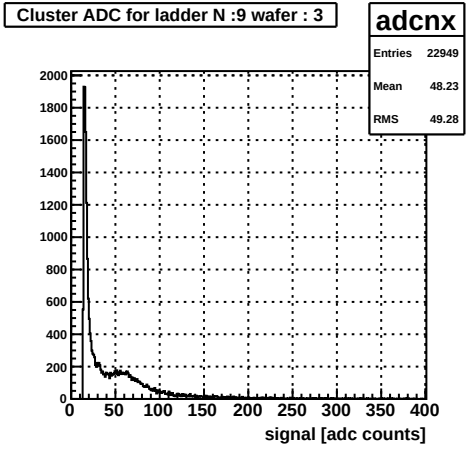

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 11109
Mean 36.09
RMS 35.01
signal [adc counts]

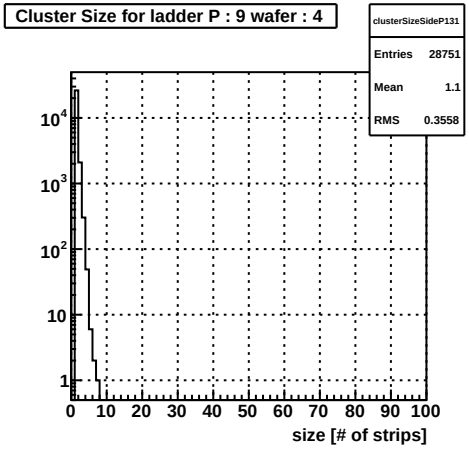

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 15868
Mean 1.275
RMS 0.5727
size [# of strips]

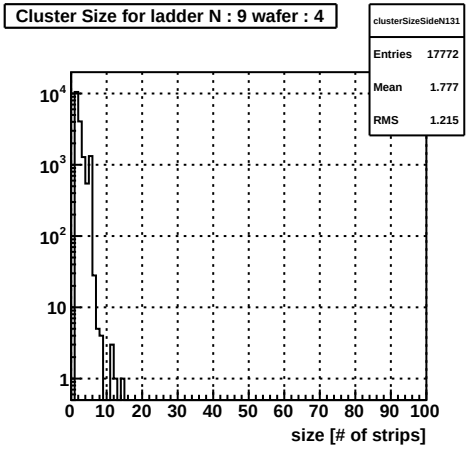

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 22949
Mean 1.369
RMS 0.7131
size [# of strips]

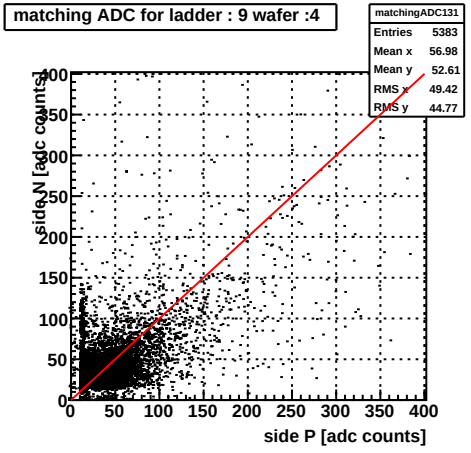

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 10680
Mean x 77.54
Mean y 71.77
RMS x 56.55
RMS y 53.6
side N [adc counts]
side P [adc counts]

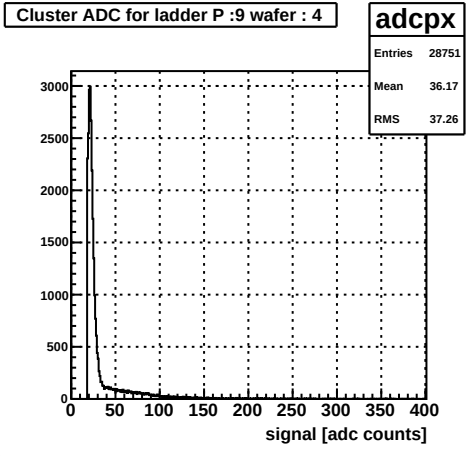

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 15868
Mean 75
RMS 62.1
signal [adc counts]

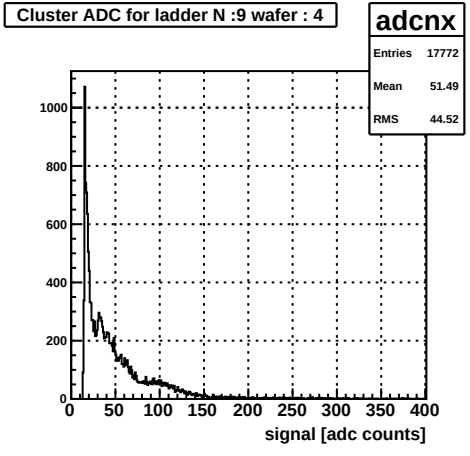

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 22949
Mean 48.23
RMS 49.28
signal [adc counts]

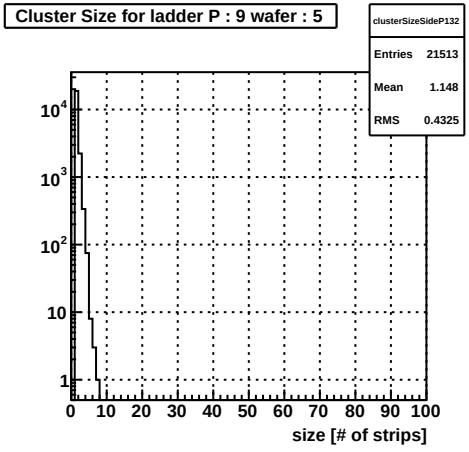

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 28751
Mean 1.1
RMS 0.3558
size [# of strips]

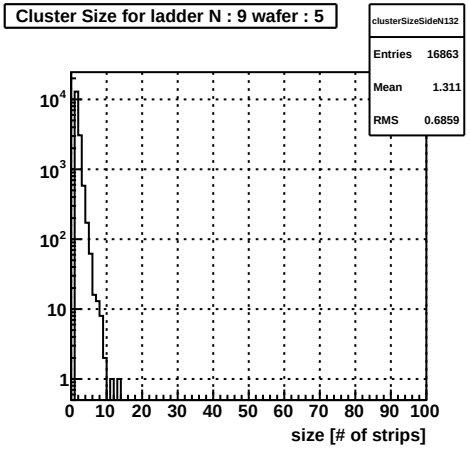

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 17772
Mean 1.777
RMS 1.215
size [# of strips]

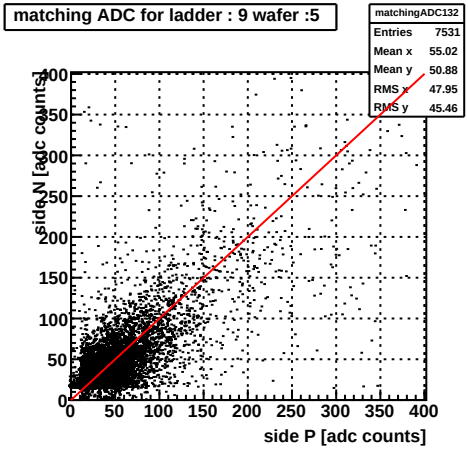

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 5383
Mean x 56.98
Mean y 52.61
RMS x 49.42
RMS y 44.77
side N [adc counts]
side P [adc counts]

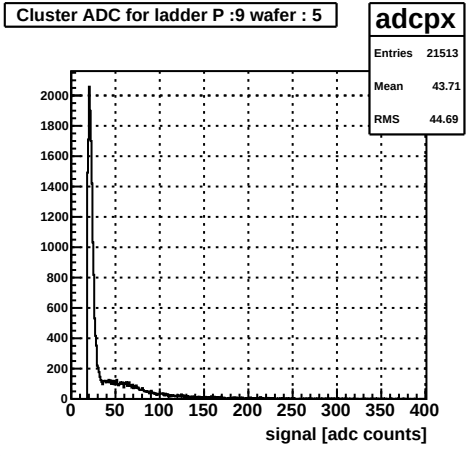

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 28751
Mean 36.17
RMS 37.26
signal [adc counts]

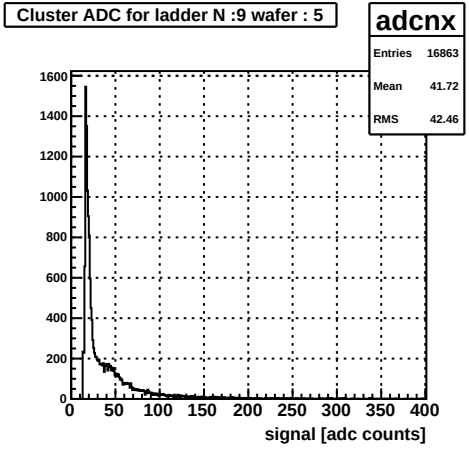

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 17772
Mean 51.49
RMS 44.52
signal [adc counts]

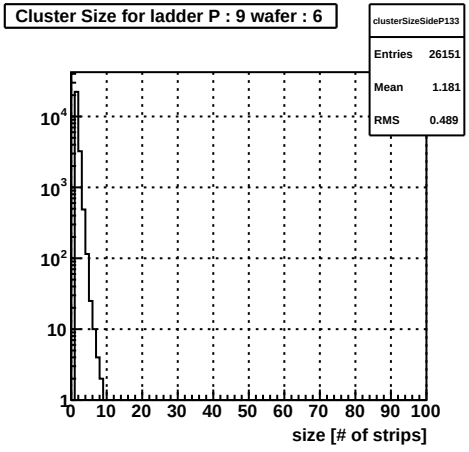

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 21513
Mean 1.148
RMS 0.4325
size [# of strips]

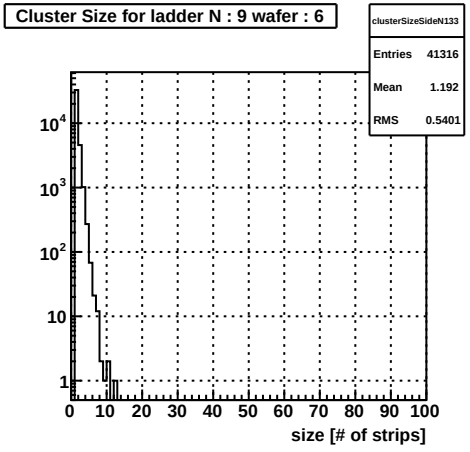

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 16863
Mean 1.311
RMS 0.6859
size [# of strips]

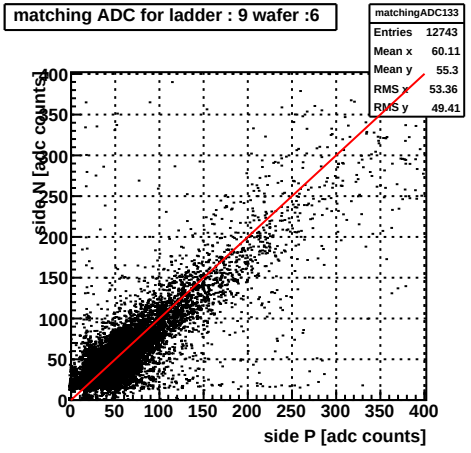

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 7531
Mean x 55.02
Mean y 50.88
RMS x 47.95
RMS y 45.46
side N [adc counts]
side P [adc counts]

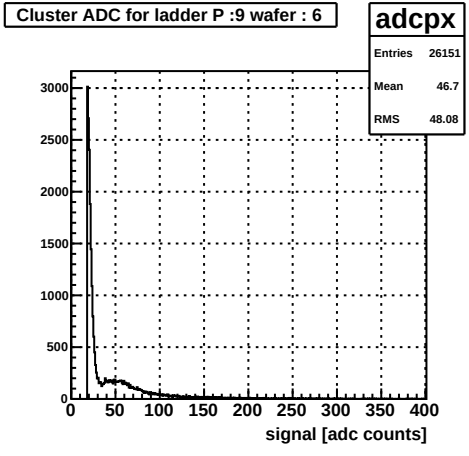

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 21513
Mean 43.71
RMS 44.69
signal [adc counts]

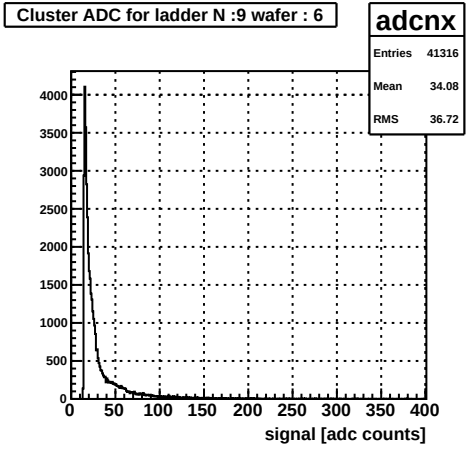

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 16863
Mean 41.72
RMS 42.46
signal [adc counts]

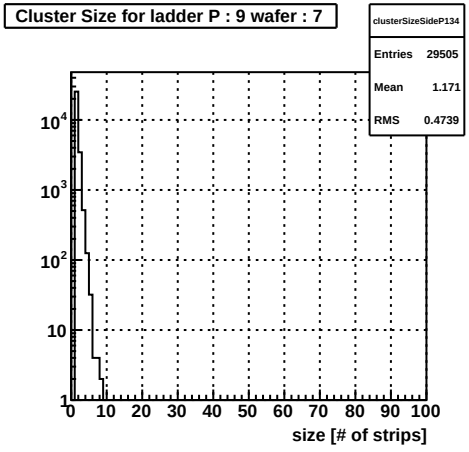

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 26151
Mean 1.181
RMS 0.489
size [# of strips]

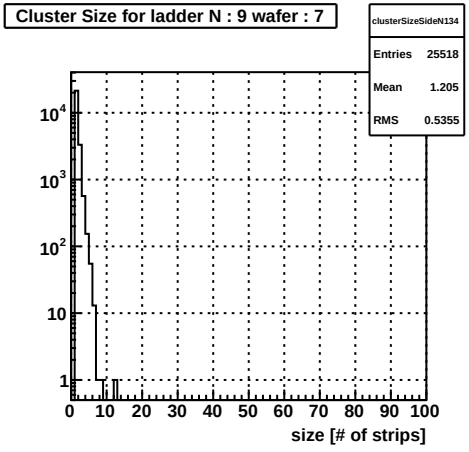

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 41316
Mean 1.192
RMS 0.5401
size [# of strips]

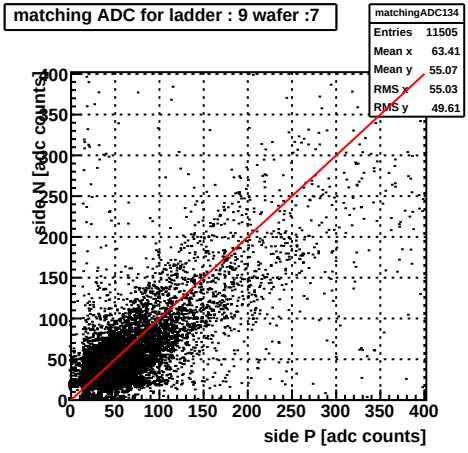

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 12743
Mean x 60.11
Mean y 55.3
RMS x 53.36
RMS y 49.41
side N [adc counts]
side P [adc counts]

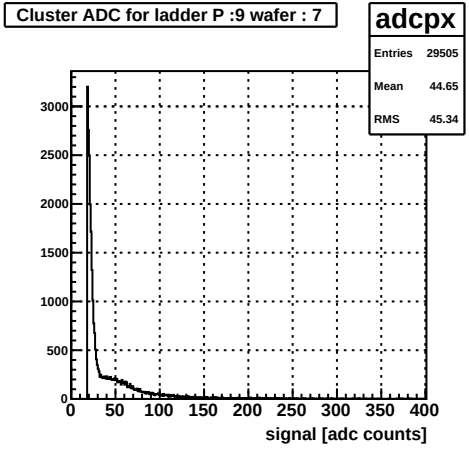

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 26151
Mean 46.7
RMS 48.08
signal [adc counts]

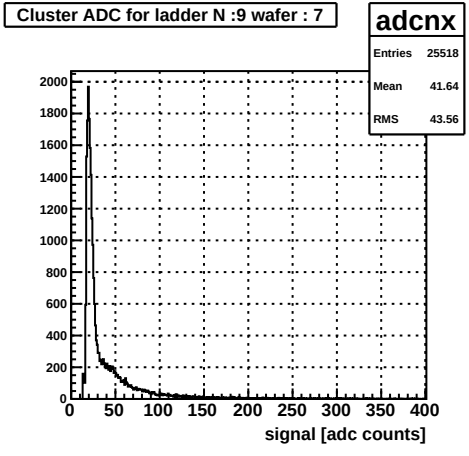

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 41316
Mean 34.08
RMS 36.72
signal [adc counts]

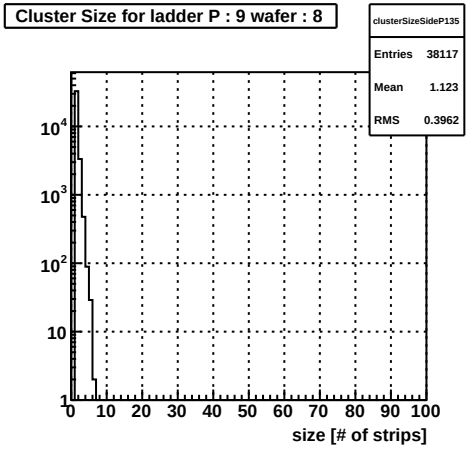

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 29505
Mean 1.171
RMS 0.4739
size [# of strips]

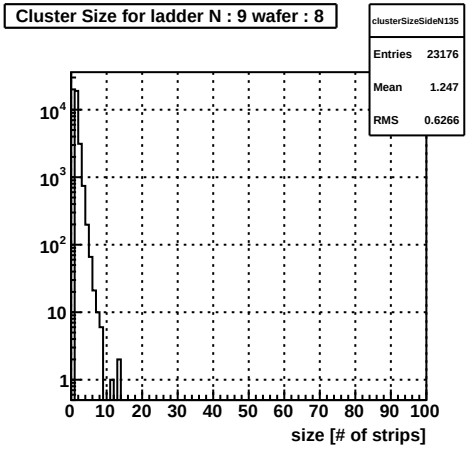

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 25518
Mean 1.205
RMS 0.5355
size [# of strips]

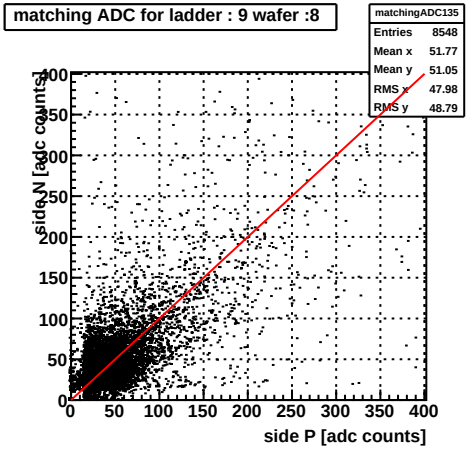

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 11505
Mean x 63.41
Mean y 55.07
RMS x 55.03
RMS y 49.61
side N [adc counts]
side P [adc counts]

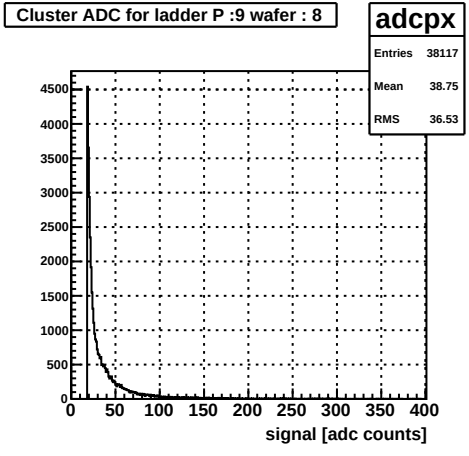

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 29505
Mean 44.65
RMS 45.34
signal [adc counts]

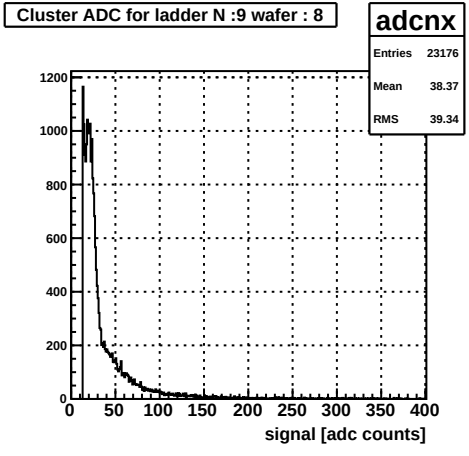

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 25518
Mean 41.64
RMS 43.56
signal [adc counts]

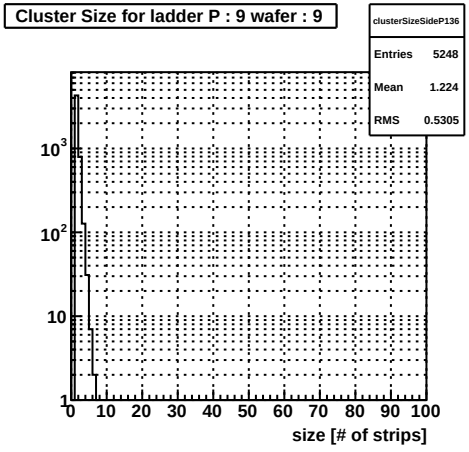

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 38117
Mean 1.123
RMS 0.3962
size [# of strips]

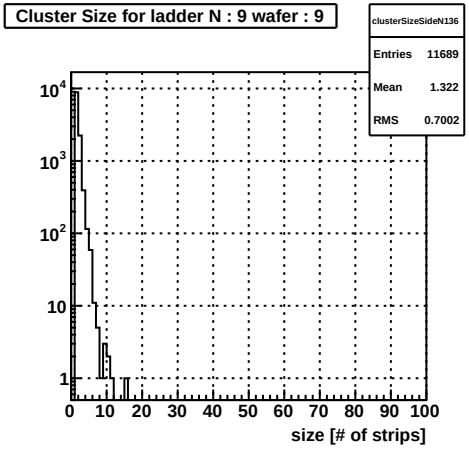

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 23176
Mean 1.247
RMS 0.6266
size [# of strips]

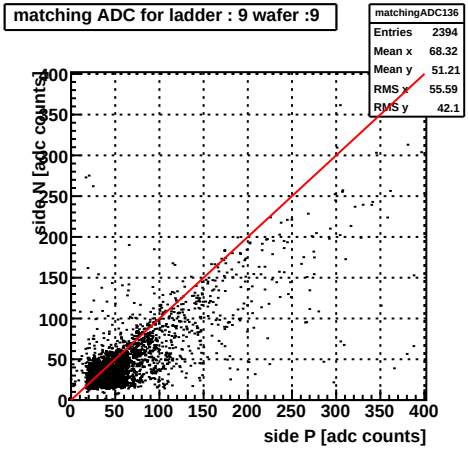

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 8548
Mean x 51.77
Mean y 51.05
RMS x 47.98
RMS y 48.79
side N [adc counts]
side P [adc counts]

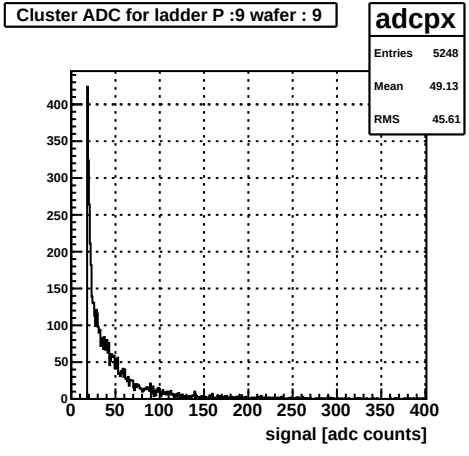

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 38117
Mean 38.75
RMS 36.53
signal [adc counts]

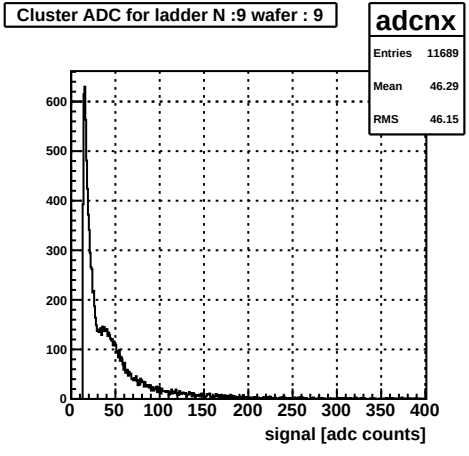

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 23176
Mean 38.37
RMS 39.34
signal [adc counts]

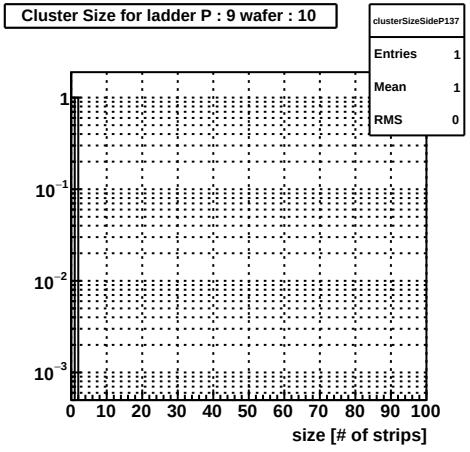

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 5248
Mean 1.224
RMS 0.5305
size [# of strips]

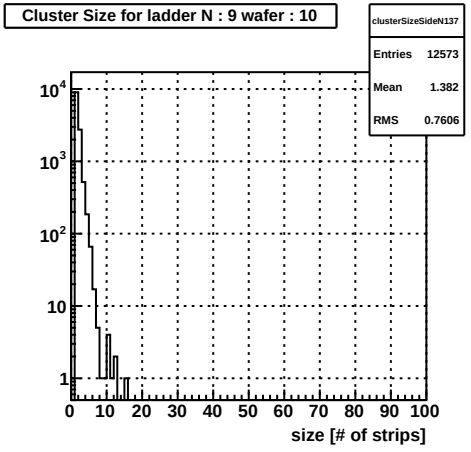

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 11689
Mean 1.322
RMS 0.7002
size [# of strips]

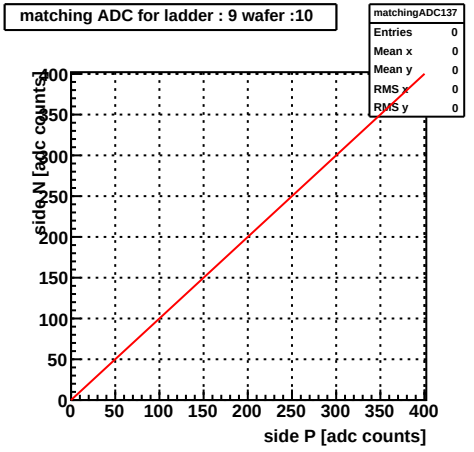

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 2394
Mean x 68.32
Mean y 51.21
RMS x 55.59
RMS y 42.1
side N [adc counts]
side P [adc counts]

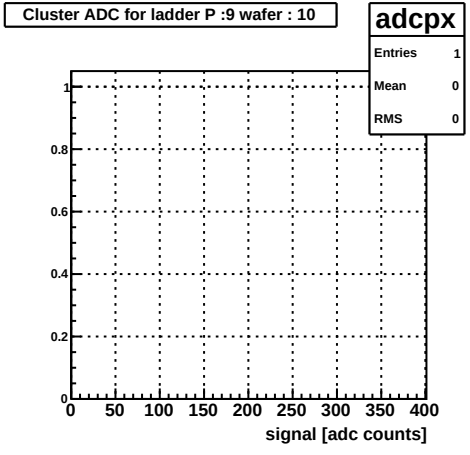

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 5248
Mean 49.13
RMS 45.61
signal [adc counts]

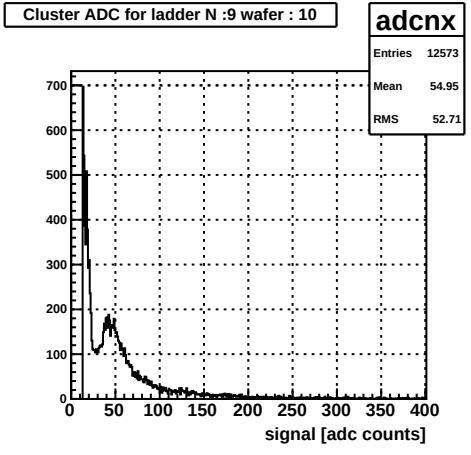

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 11689
Mean 46.29
RMS 46.15
signal [adc counts]

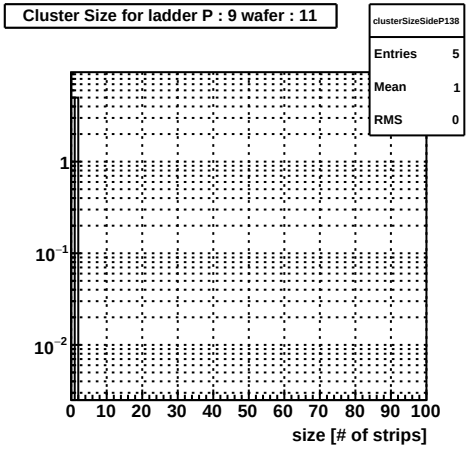

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

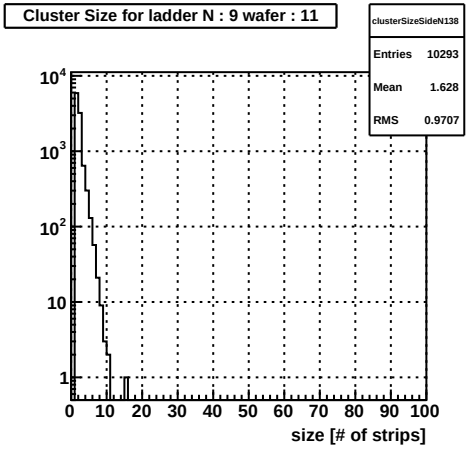

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 12573
Mean 1.382
RMS 0.7606
size [# of strips]

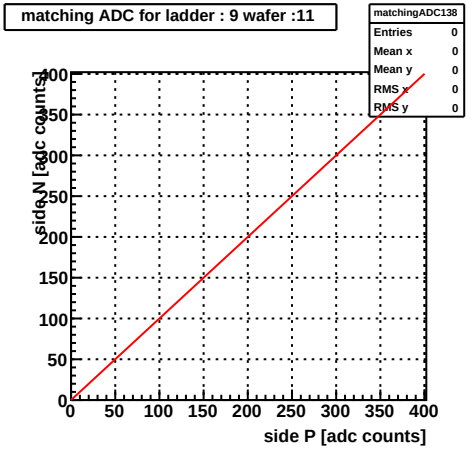

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

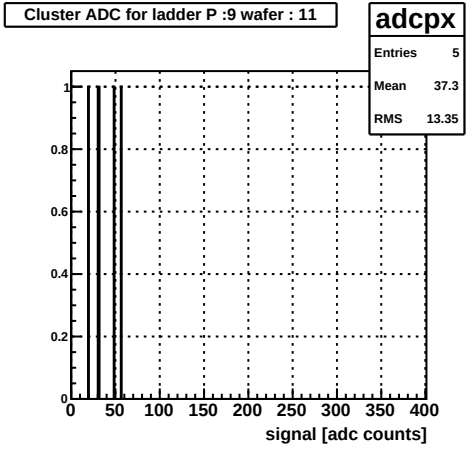

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

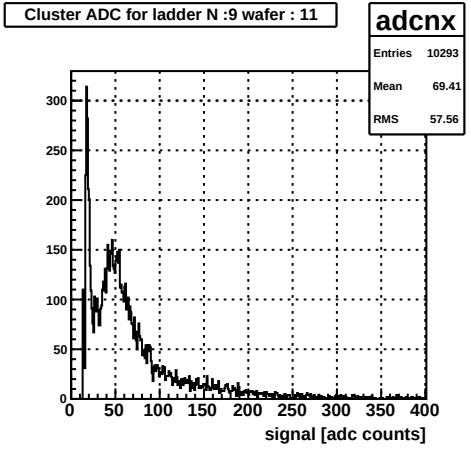

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 12573
Mean 54.95
RMS 52.71
signal [adc counts]

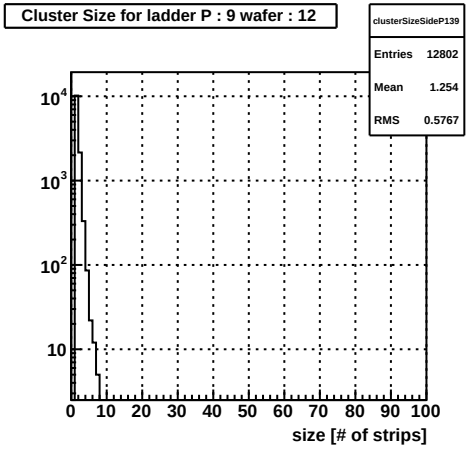

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 5
Mean 1
RMS 0
size [# of strips]

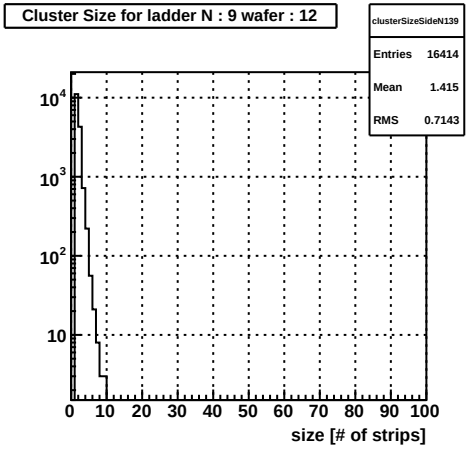

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 10293
Mean 1.628
RMS 0.9707
size [# of strips]

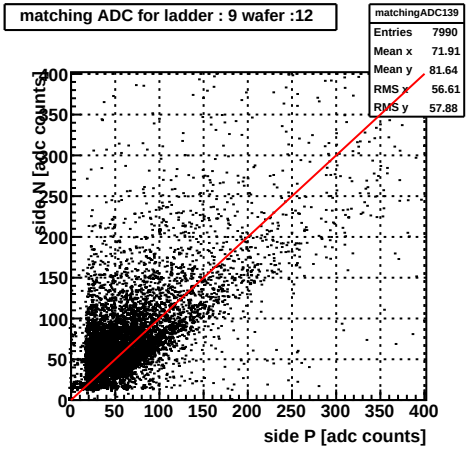

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

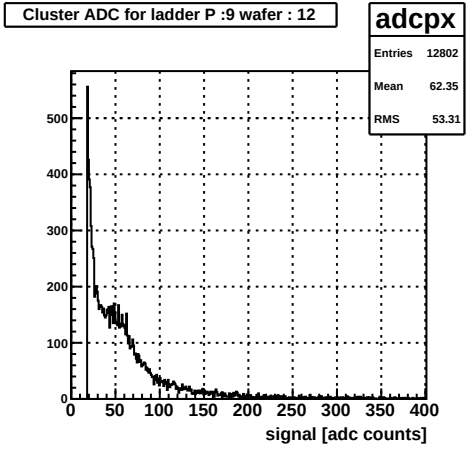

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 5
Mean 37.3
RMS 13.35
signal [adc counts]

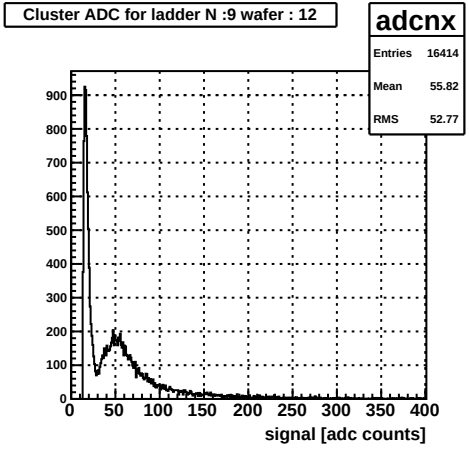

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 10293
Mean 69.41
RMS 57.56
signal [adc counts]

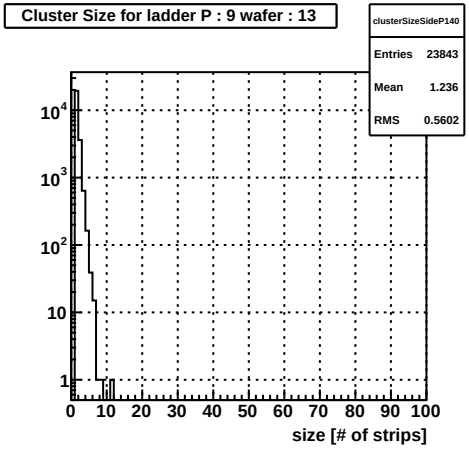

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 12802
Mean 1.254
RMS 0.5767
size [# of strips]

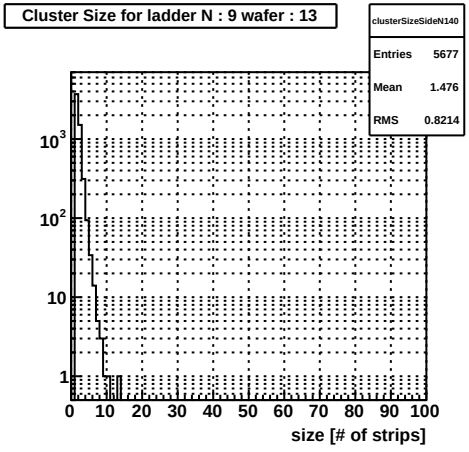

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 16414
Mean 1.415
RMS 0.7143
size [# of strips]

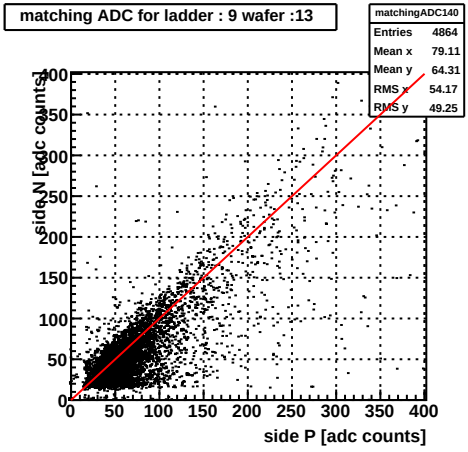

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 7990
Mean x 71.91
Mean y 81.64
RMS x 56.61
RMS y 57.88
side N [adc counts]
side P [adc counts]

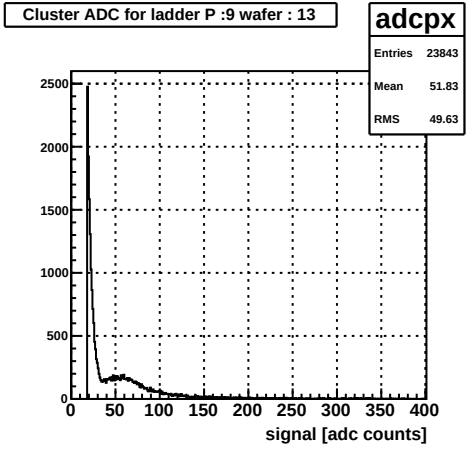

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 12802
Mean 62.35
RMS 53.31
signal [adc counts]

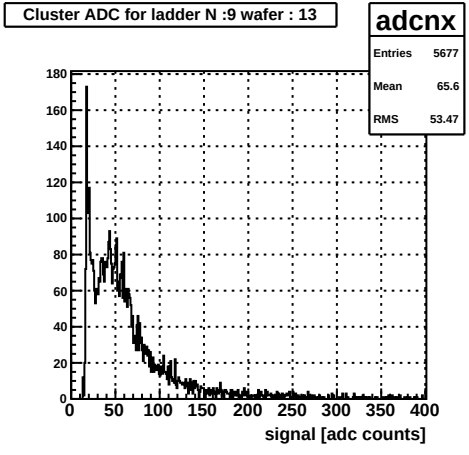

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 16414
Mean 55.82
RMS 52.77
signal [adc counts]

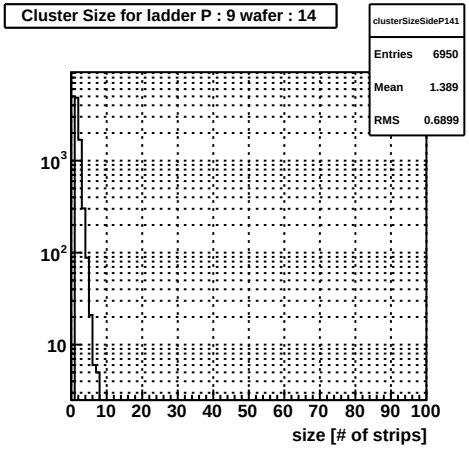

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 23843
Mean 1.236
RMS 0.5602
size [# of strips]

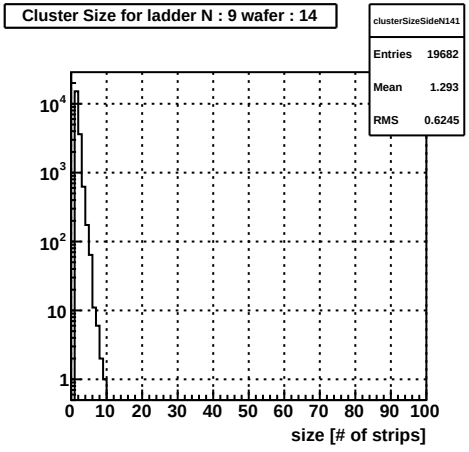

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 5677
Mean 1.476
RMS 0.8214
size [# of strips]

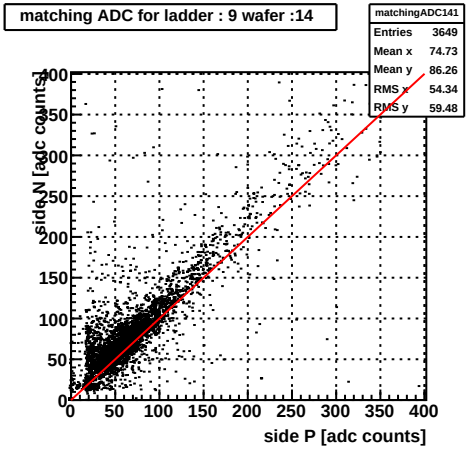

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 4864
Mean x 79.11
Mean y 64.31
RMS x 54.17
RMS y 49.25
side N [adc counts]
side P [adc counts]

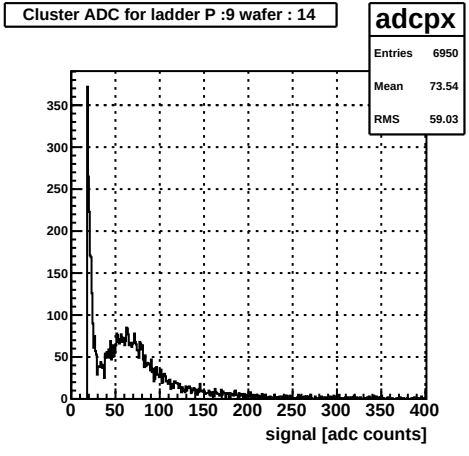

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 23843
Mean 51.83
RMS 49.63
signal [adc counts]

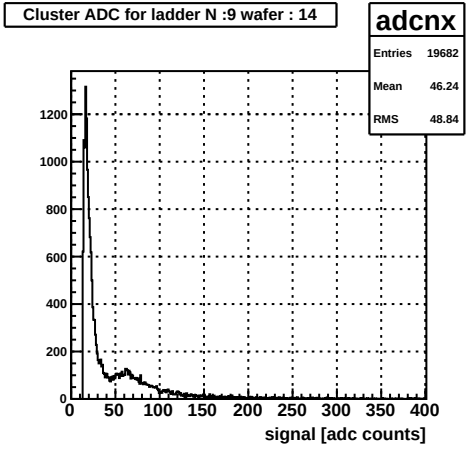

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 5677
Mean 65.6
RMS 53.47
signal [adc counts]

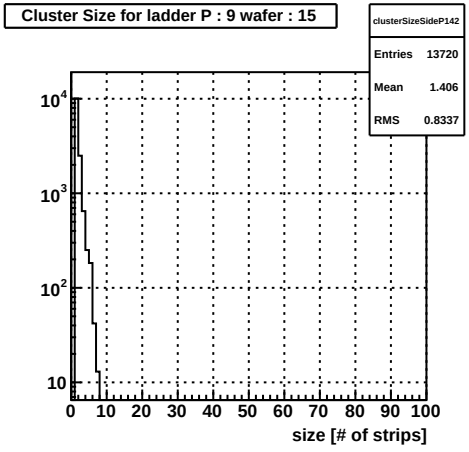

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 6950
Mean 1.389
RMS 0.6899
size [# of strips]

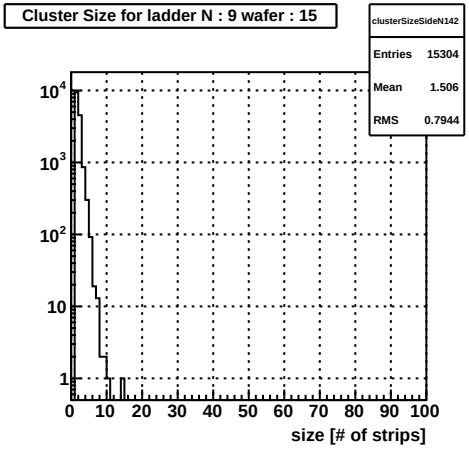

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 19682
Mean 1.293
RMS 0.6245
size [# of strips]

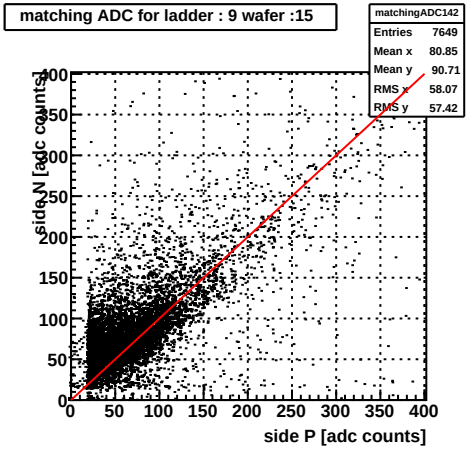

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 3649
Mean x 74.73
Mean y 86.26
RMS x 54.34
RMS y 59.48
side N [adc counts]
side P [adc counts]

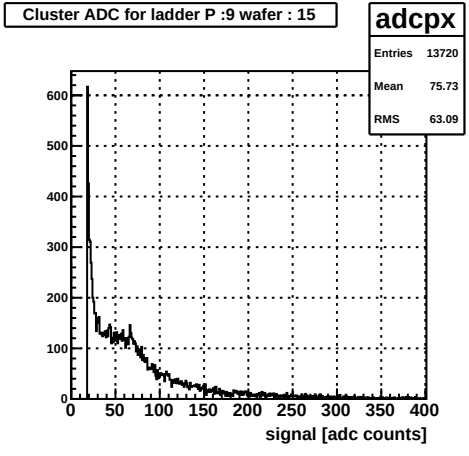

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 6950
Mean 73.54
RMS 59.03
signal [adc counts]

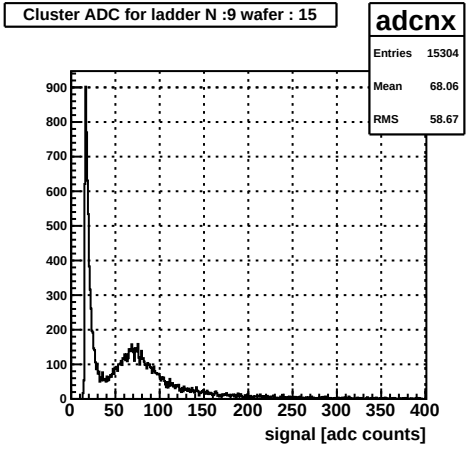

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 19682
Mean 46.24
RMS 48.84
signal [adc counts]

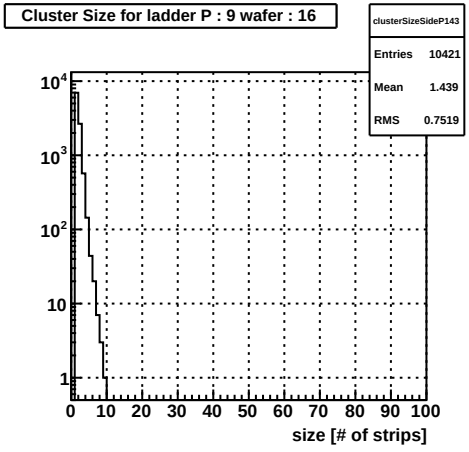

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 13720
Mean 1.406
RMS 0.8337
size [# of strips]

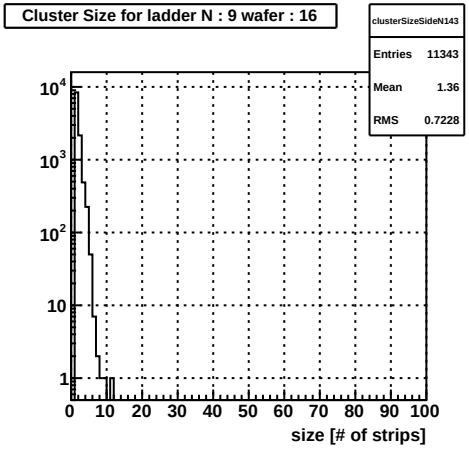

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 15304
Mean 1.506
RMS 0.7944
size [# of strips]

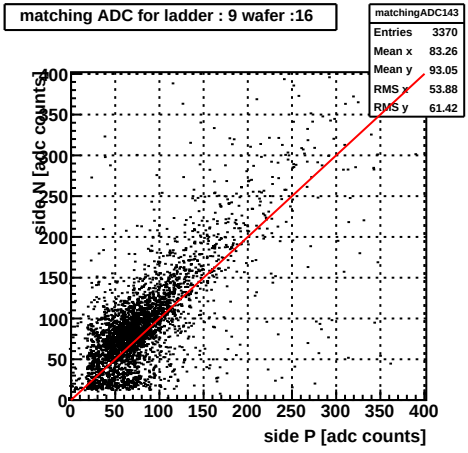

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 7649
Mean x 80.85
Mean y 90.71
RMS x 58.07
RMS y 57.42
side N [adc counts]
side P [adc counts]

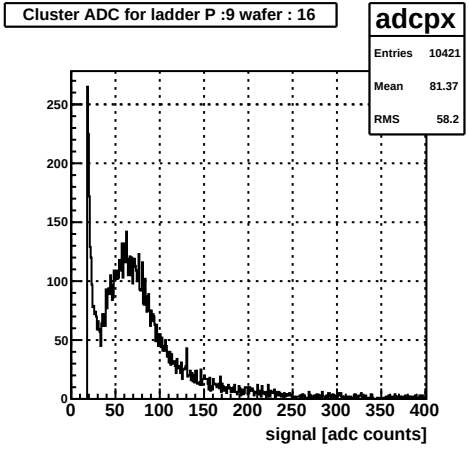

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 13720
Mean 75.73
RMS 63.09
signal [adc counts]

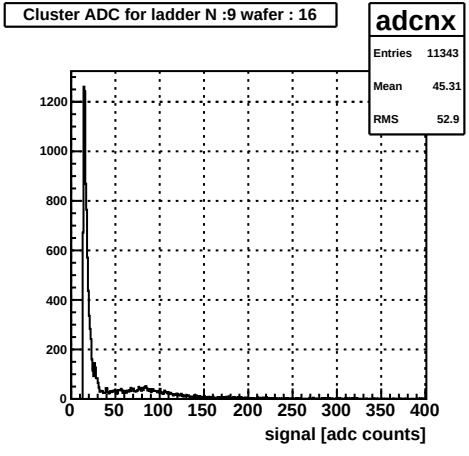

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 15304
Mean 68.06
RMS 58.67
signal [adc counts]

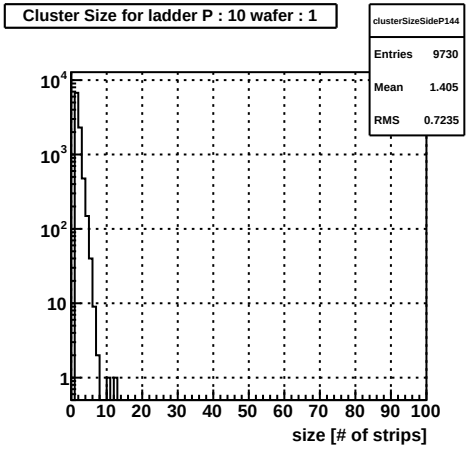

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 10421
Mean 1.439
RMS 0.7519
size [# of strips]

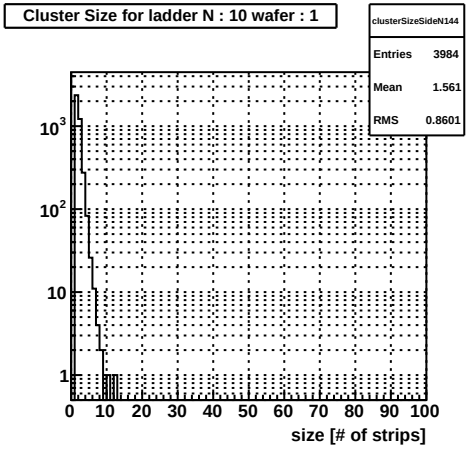

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 11343
Mean 1.36
RMS 0.7228
size [# of strips]

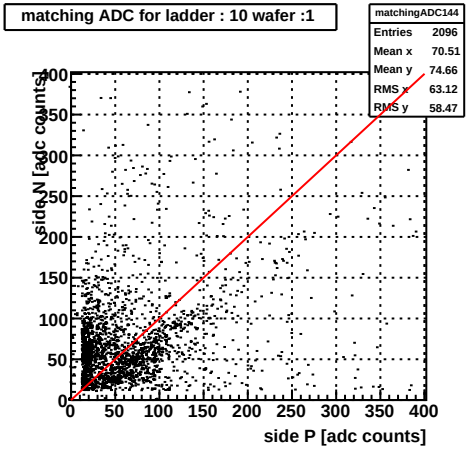

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3370
Mean x 83.26
Mean y 93.05
RMS x 53.88
RMS y 61.42
side N [adc counts]
side P [adc counts]

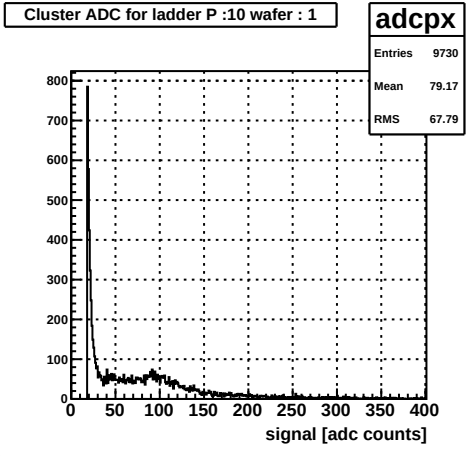

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 10421
Mean 81.37
RMS 58.2
signal [adc counts]

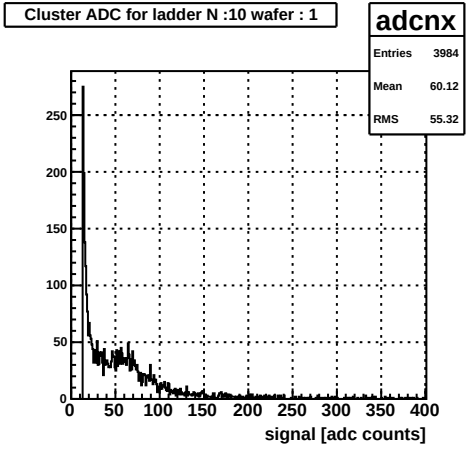

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 11343
Mean 45.31
RMS 52.9
signal [adc counts]

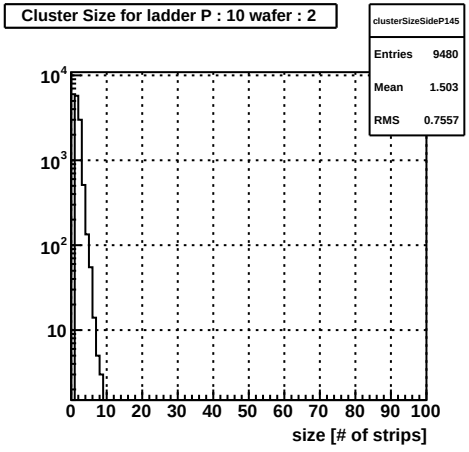

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 9730
Mean 1.405
RMS 0.7235
size [# of strips]

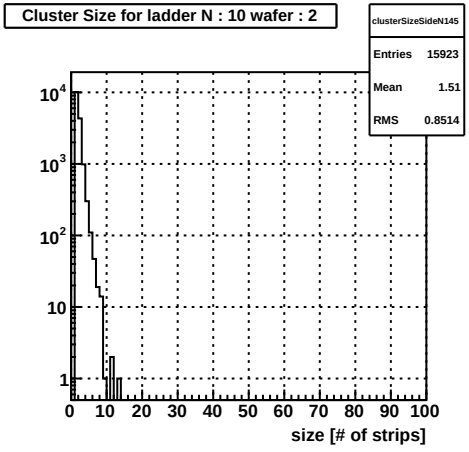

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 3984
Mean 1.561
RMS 0.8601
size [# of strips]

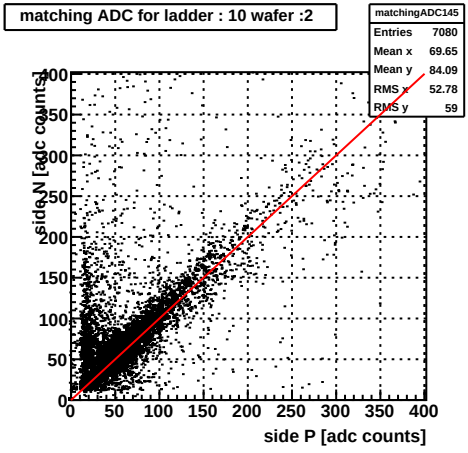

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 2096
Mean x 70.51
Mean y 74.66
RMS x 63.12
RMS y 58.47
side N [adc counts]
side P [adc counts]

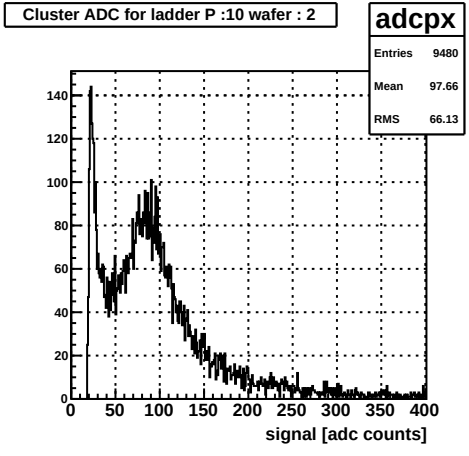

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 9730
Mean 79.17
RMS 67.79
signal [adc counts]

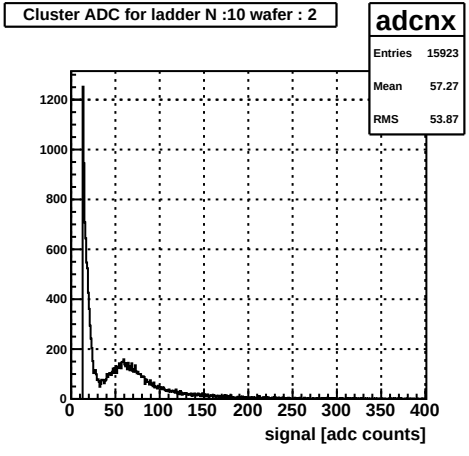

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 3984
Mean 60.12
RMS 55.32
signal [adc counts]

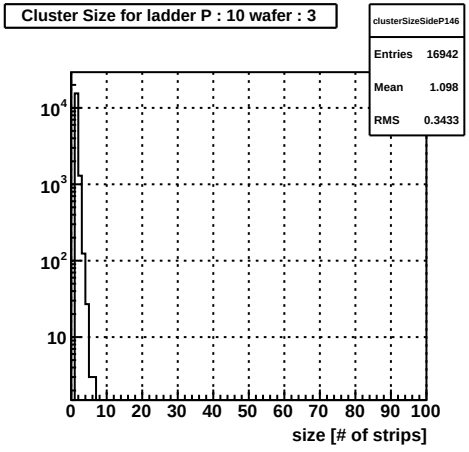

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 9480
Mean 1.503
RMS 0.7557
size [# of strips]

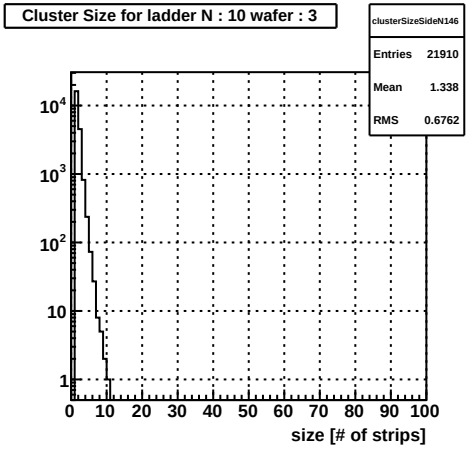

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 15923
Mean 1.51
RMS 0.8514
size [# of strips]

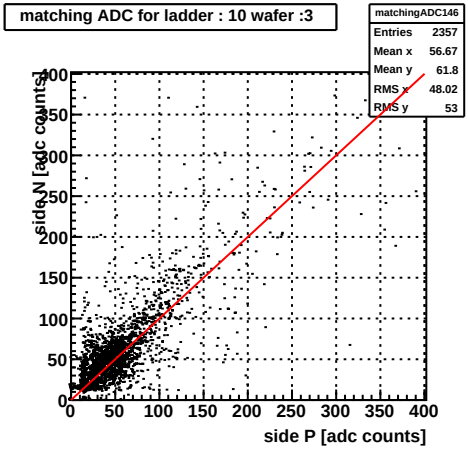

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 7080
Mean x 69.65
Mean y 84.09
RMS x 52.78
RMS y 59
side N [adc counts]
side P [adc counts]

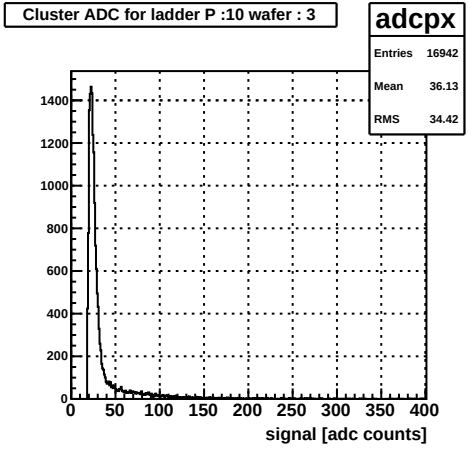

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 9480
Mean 97.66
RMS 66.13
signal [adc counts]

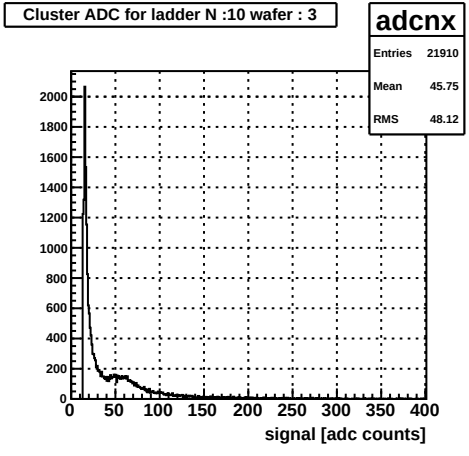

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 15923
Mean 57.27
RMS 53.87
signal [adc counts]

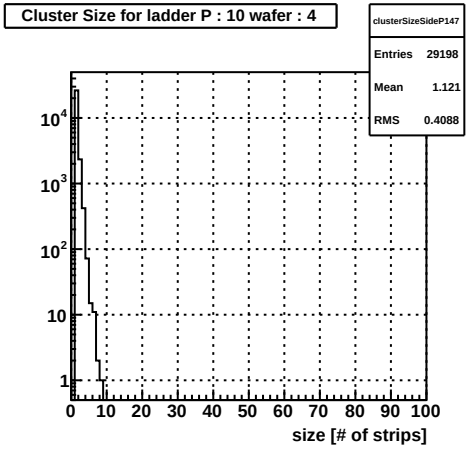

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 16942
Mean 1.098
RMS 0.3433
size [# of strips]

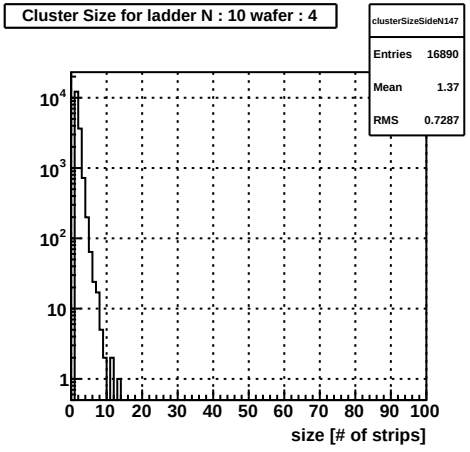

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 21910
Mean 1.338
RMS 0.6762
size [# of strips]

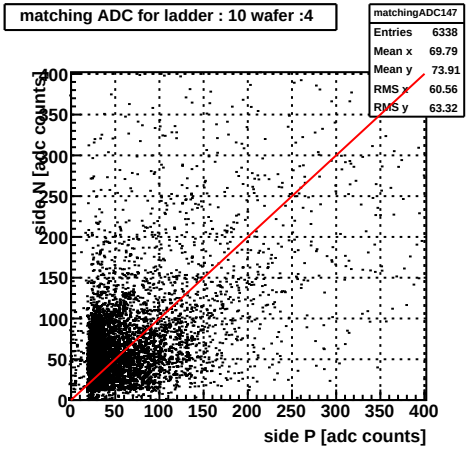

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 2357
Mean x 56.67
Mean y 61.8
RMS x 48.02
RMS y 53
side N [adc counts]
side P [adc counts]

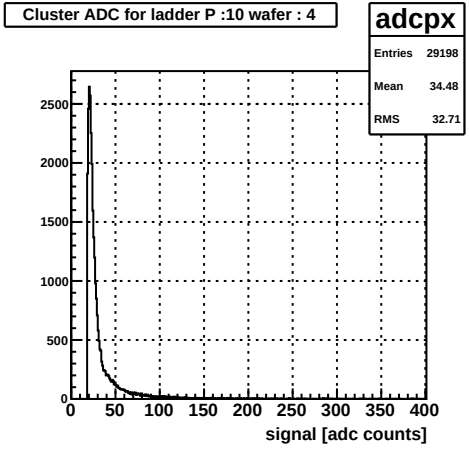

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 16942
Mean 36.13
RMS 34.42
signal [adc counts]

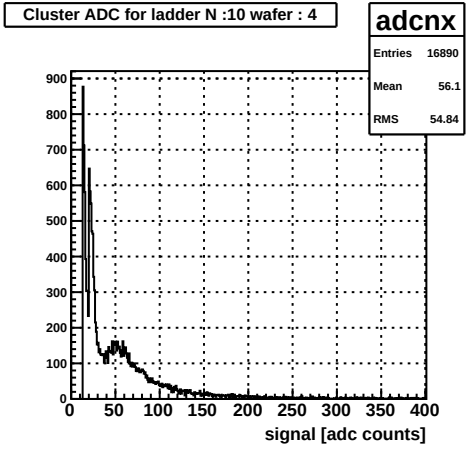

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 21910
Mean 45.75
RMS 48.12
signal [adc counts]

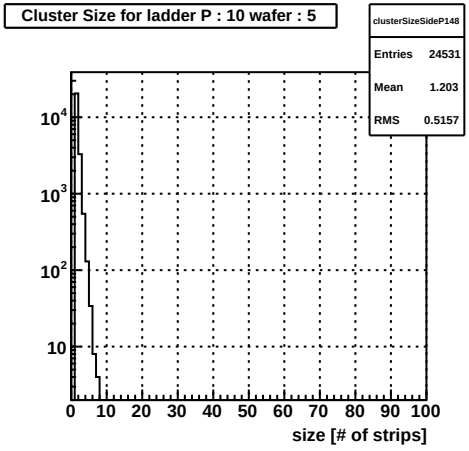

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 29198
Mean 1.121
RMS 0.4088
size [# of strips]

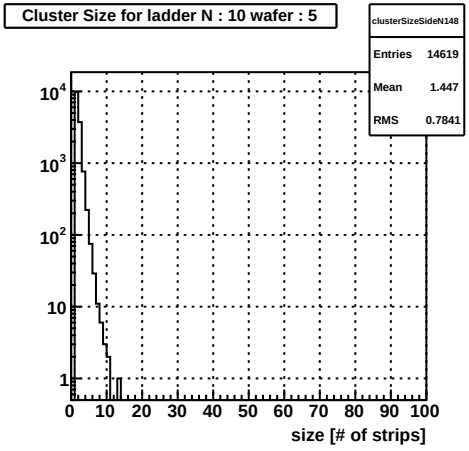

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 16890
Mean 1.37
RMS 0.7287
size [# of strips]

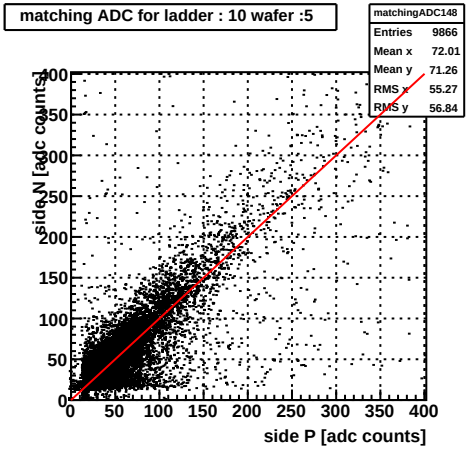

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 6338
Mean x 69.79
Mean y 73.91
RMS x 60.56
RMS y 63.32
side N [adc counts]
side P [adc counts]

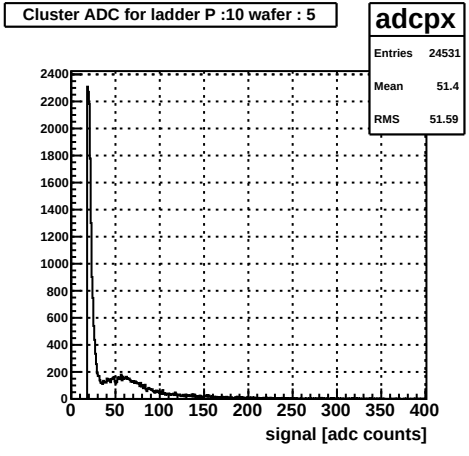

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 29198
Mean 34.48
RMS 32.71
signal [adc counts]

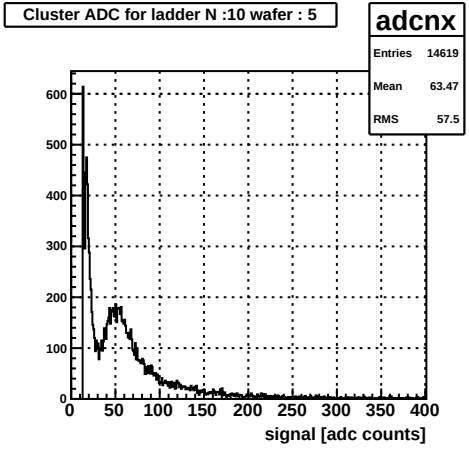

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 16890
Mean 56.1
RMS 54.84
signal [adc counts]

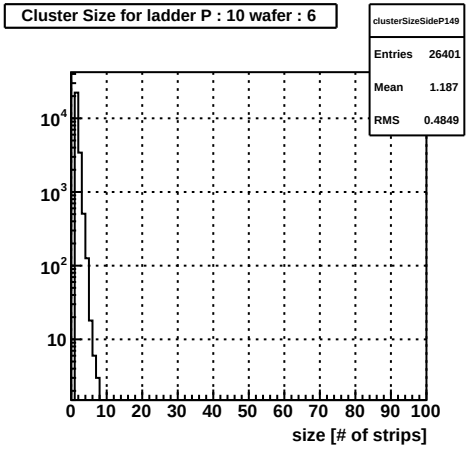

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 24531
Mean 1.203
RMS 0.5157
size [# of strips]

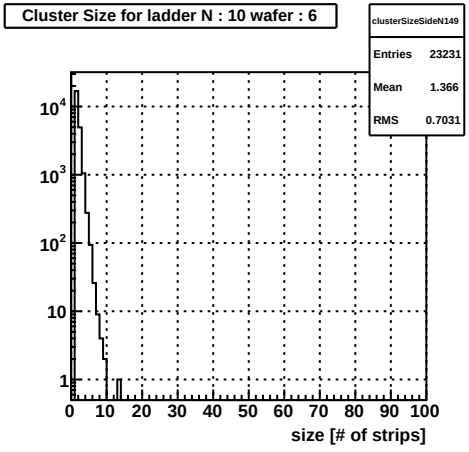

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 14619
Mean 1.447
RMS 0.7841
size [# of strips]

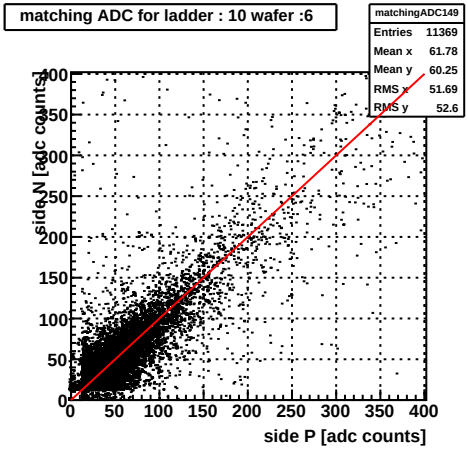

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 9866
Mean x 72.01
Mean y 71.26
RMS x 55.27
RMS y 56.84
side N [adc counts]
side P [adc counts]

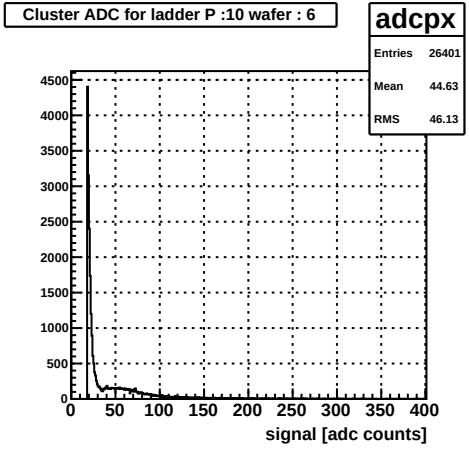

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 24531
Mean 51.4
RMS 51.59
signal [adc counts]

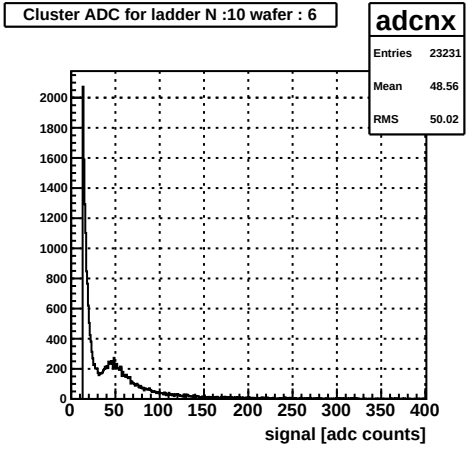

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 14619
Mean 63.47
RMS 57.5
signal [adc counts]

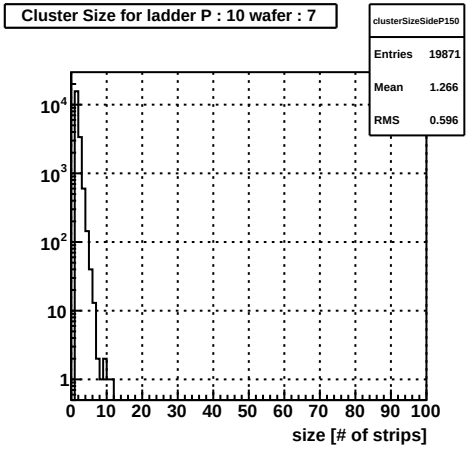

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 26401
Mean 1.187
RMS 0.4849
size [# of strips]

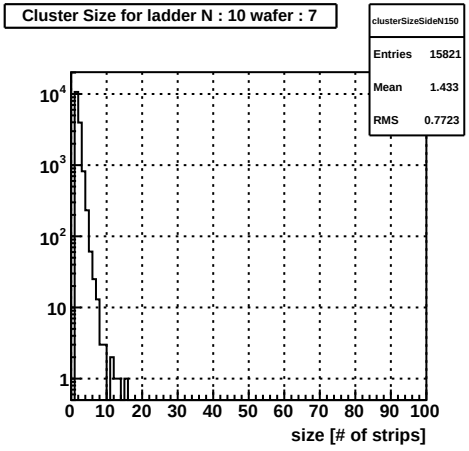

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 23231
Mean 1.366
RMS 0.7031
size [# of strips]

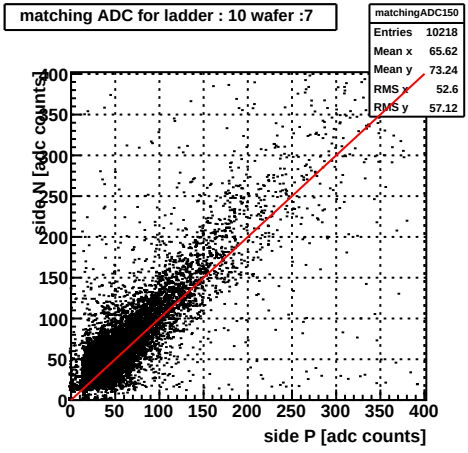

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 11369
Mean x 61.78
Mean y 60.25
RMS x 51.69
RMS y 52.6
side N [adc counts]
side P [adc counts]

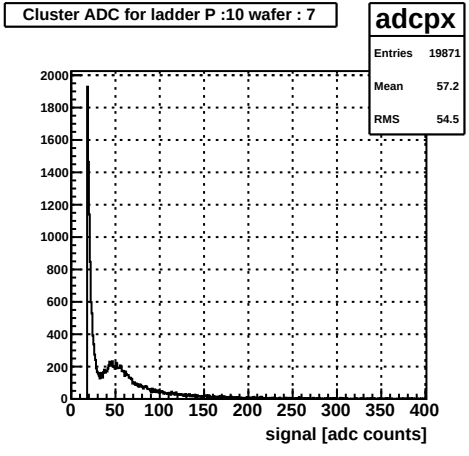

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 26401
Mean 44.63
RMS 46.13
signal [adc counts]

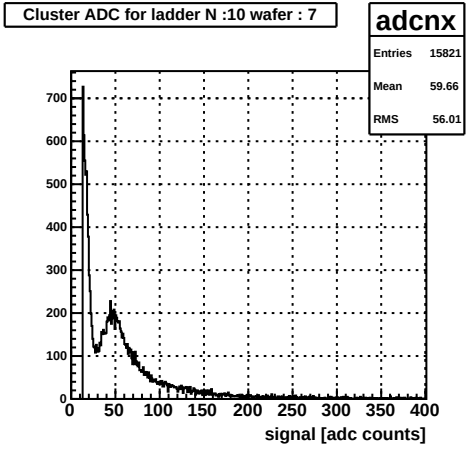

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 23231
Mean 48.56
RMS 50.02
signal [adc counts]

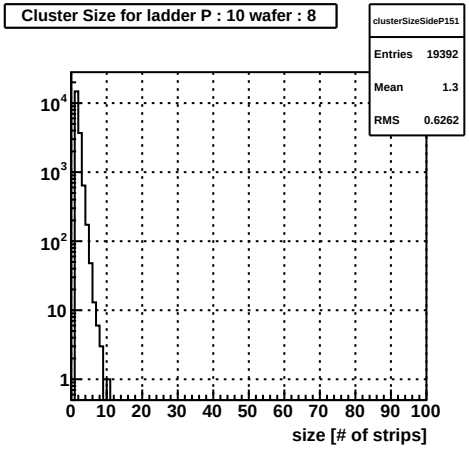

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 19871
Mean 1.266
RMS 0.596
size [# of strips]

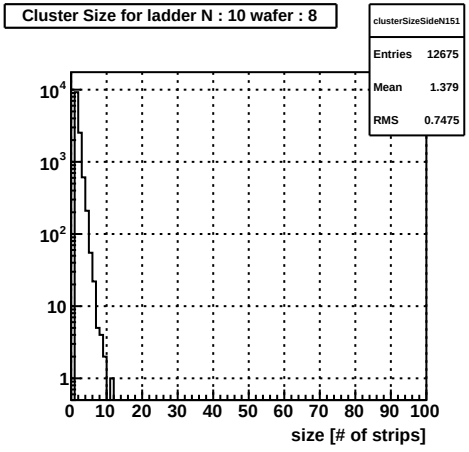

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 15821
Mean 1.433
RMS 0.7723
size [# of strips]

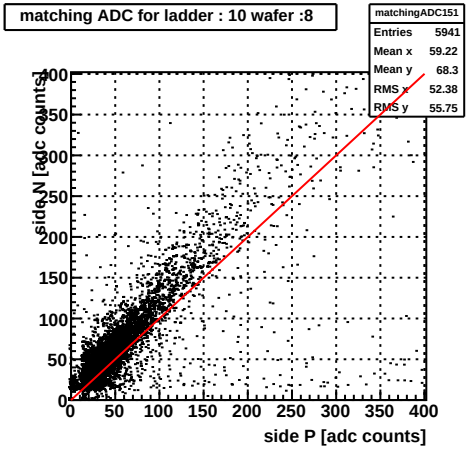

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 10218
Mean x 65.62
Mean y 73.24
RMS x 52.6
RMS y 57.12
side N [adc counts]
side P [adc counts]

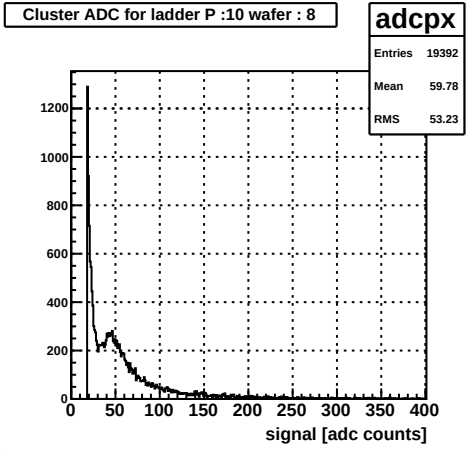

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 19871
Mean 57.2
RMS 54.5
signal [adc counts]

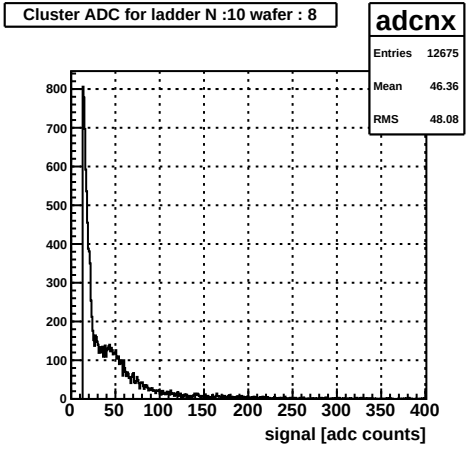

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 15821
Mean 59.66
RMS 56.01
signal [adc counts]

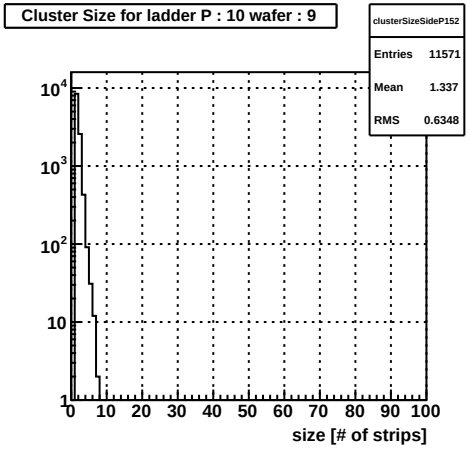

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 19392
Mean 1.3
RMS 0.6262
size [# of strips]

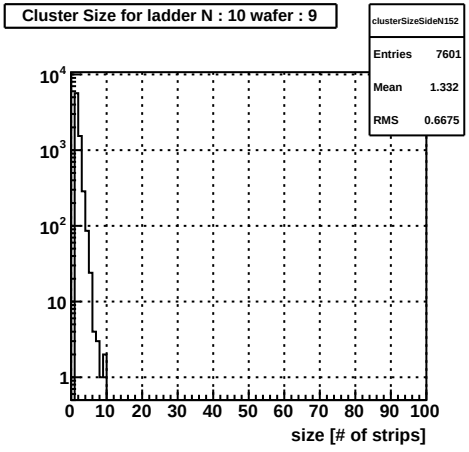

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 12675
Mean 1.379
RMS 0.7475
size [# of strips]

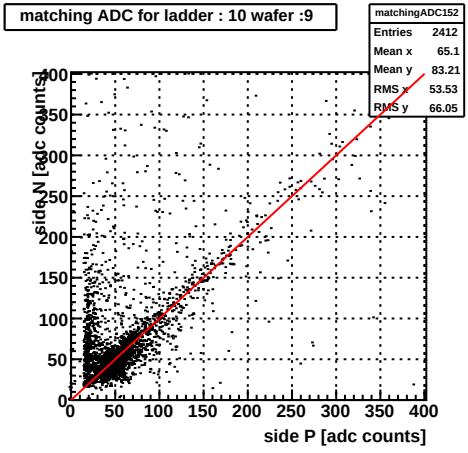

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 5941
Mean x 59.22
Mean y 68.3
RMS x 52.38
RMS y 55.75
side N [adc counts]
side P [adc counts]

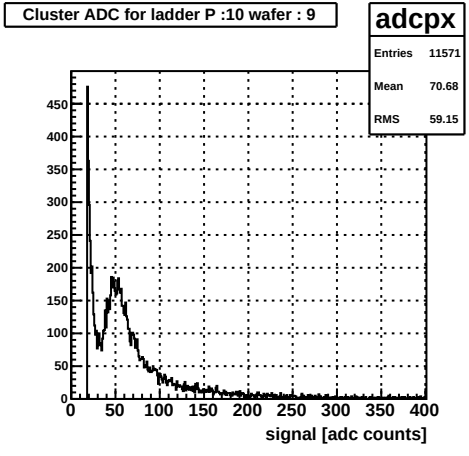

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 19392
Mean 59.78
RMS 53.23
signal [adc counts]

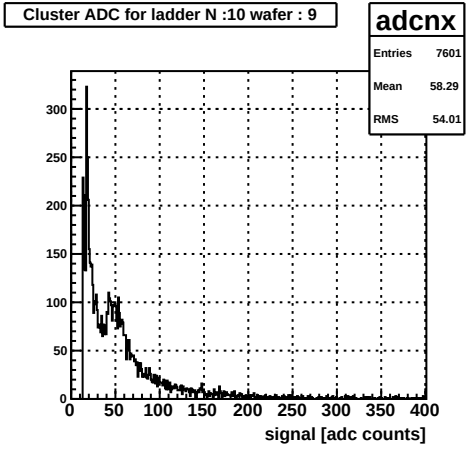

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 12675
Mean 46.36
RMS 48.08
signal [adc counts]

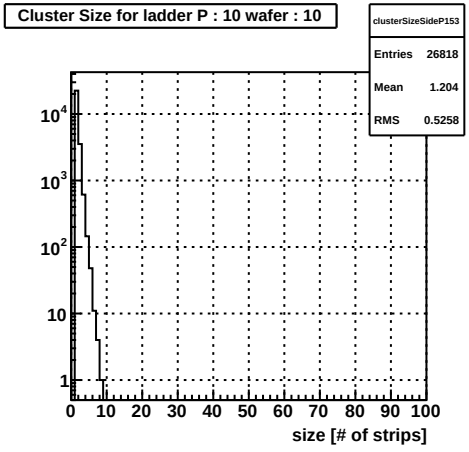

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 11571
Mean 1.337
RMS 0.6348
size [# of strips]

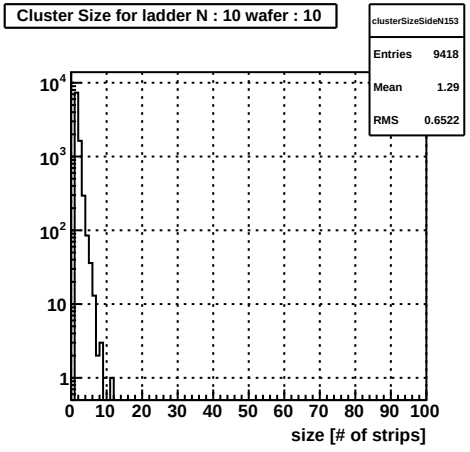

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 7601
Mean 1.332
RMS 0.6675
size [# of strips]

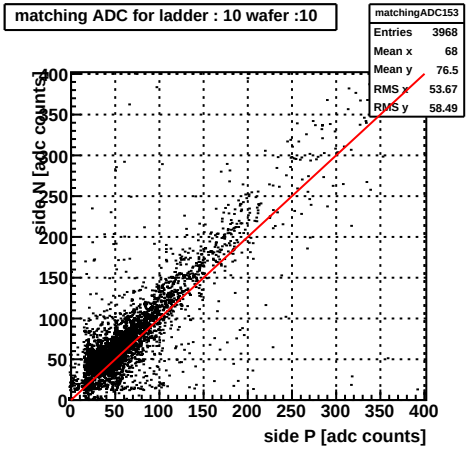

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 2412
Mean x 65.1
Mean y 83.21
RMS x 53.53
RMS y 66.05
side N [adc counts]
side P [adc counts]

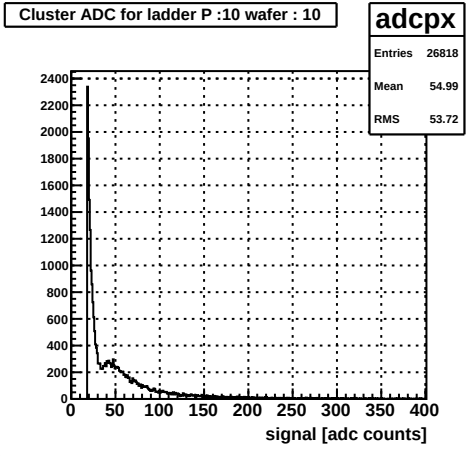

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 11571
Mean 70.68
RMS 59.15
signal [adc counts]

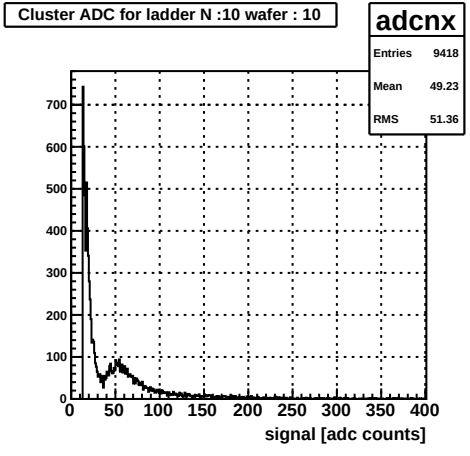

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 7601
Mean 58.29
RMS 54.01
signal [adc counts]

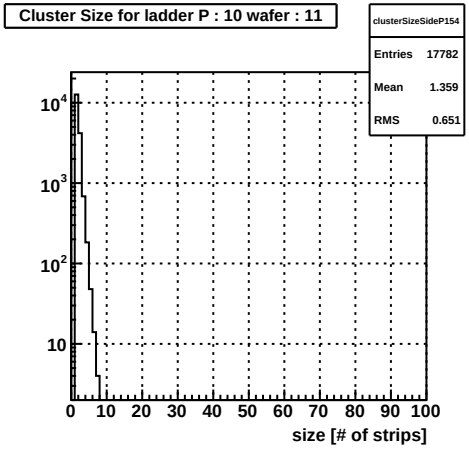

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 26818
Mean 1.204
RMS 0.5258
size [# of strips]

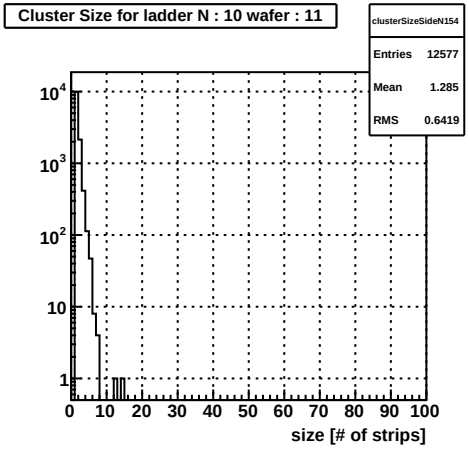

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 9418
Mean 1.29
RMS 0.6522
size [# of strips]

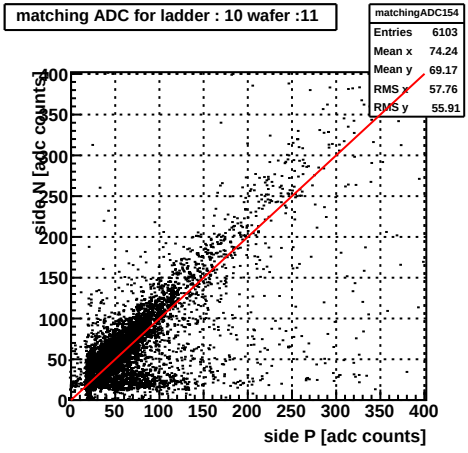

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 3968
Mean x 68
Mean y 76.5
RMS x 53.67
RMS y 58.49
side N [adc counts]
side P [adc counts]

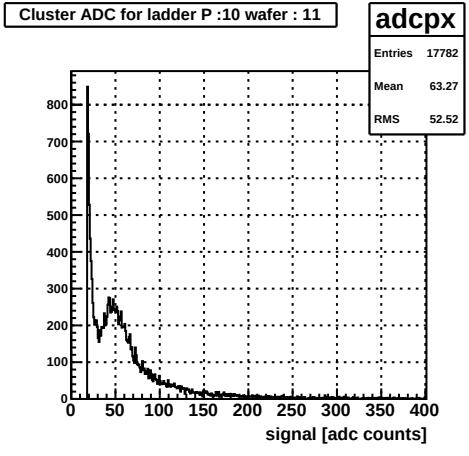

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 26818
Mean 54.99
RMS 53.72
signal [adc counts]

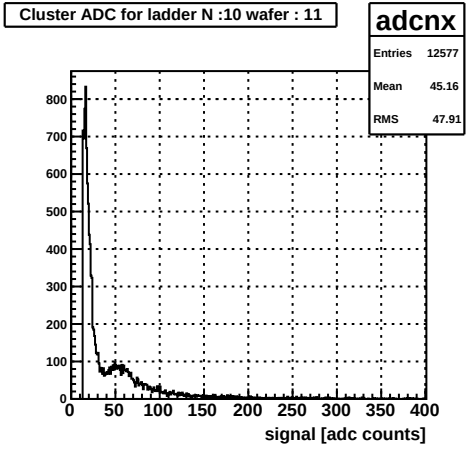

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 9418
Mean 49.23
RMS 51.36
signal [adc counts]

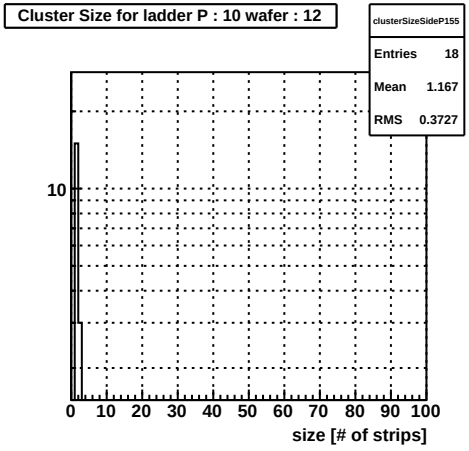

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 17782
Mean 1.359
RMS 0.651
size [# of strips]

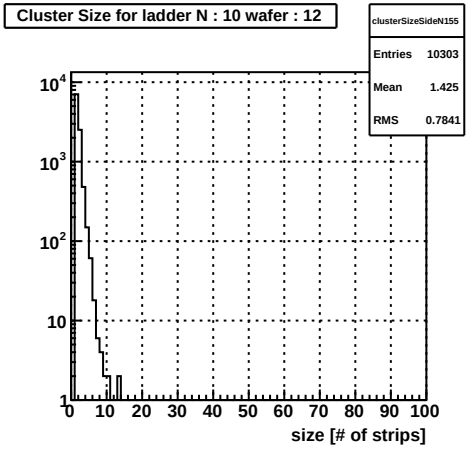

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 12577
Mean 1.285
RMS 0.6419
size [# of strips]

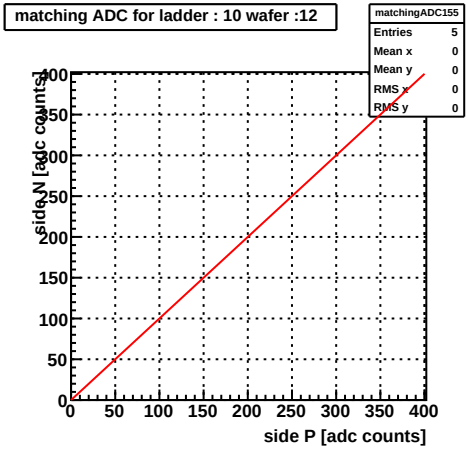

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 6103
Mean x 74.24
Mean y 69.17
RMS x 57.76
RMS y 55.91
side N [adc counts]
side P [adc counts]

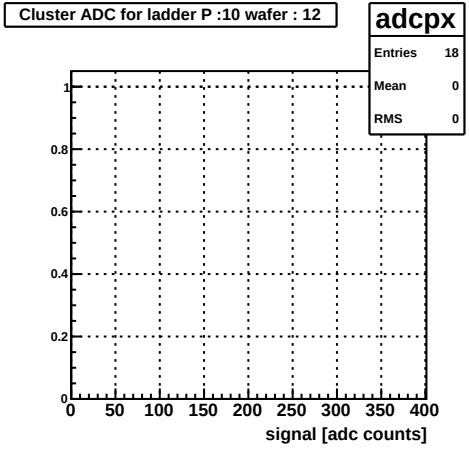

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 17782
Mean 63.27
RMS 52.52
signal [adc counts]

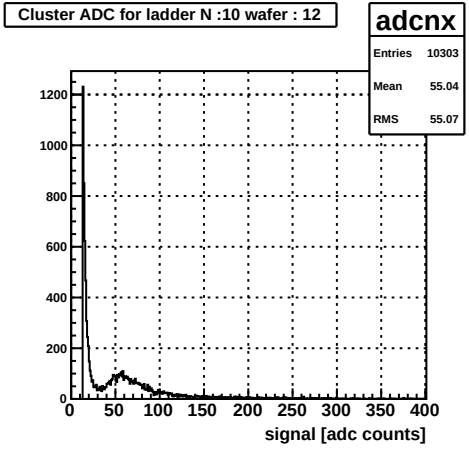

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 12577
Mean 45.16
RMS 47.91
signal [adc counts]

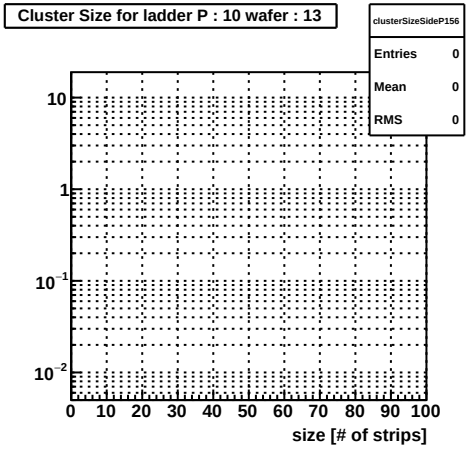

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 18
Mean 1.167
RMS 0.3727
size [# of strips]

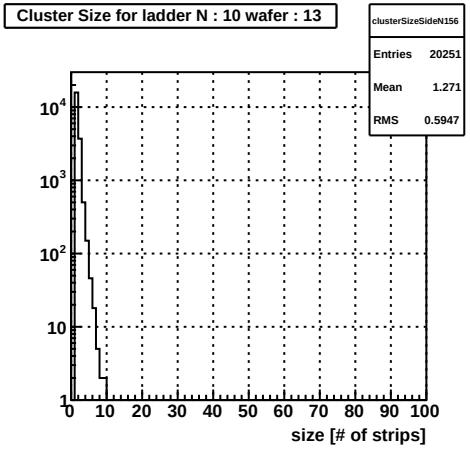

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 10303
Mean 1.425
RMS 0.7841
size [# of strips]

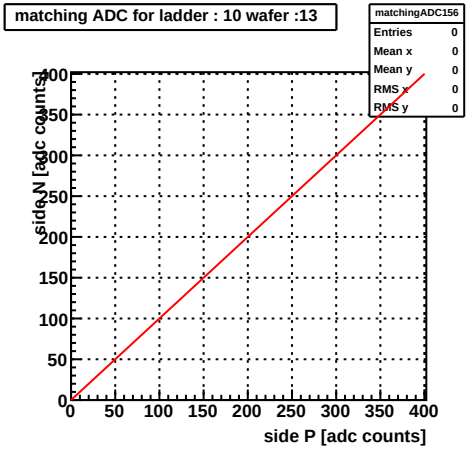

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

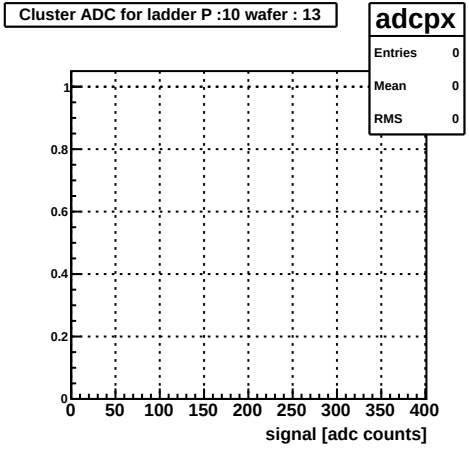

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 18
Mean 0
RMS 0
signal [adc counts]

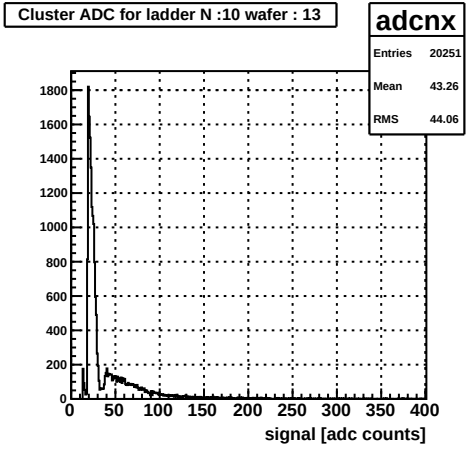

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 10303
Mean 55.04
RMS 55.07
signal [adc counts]

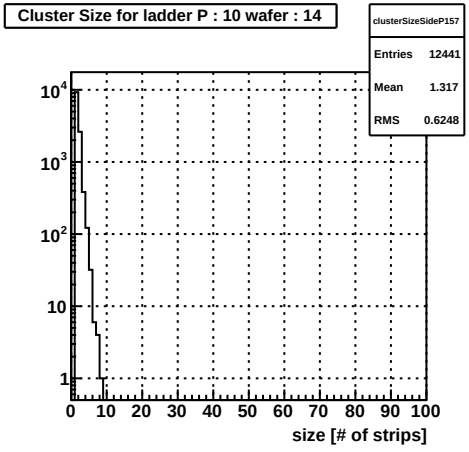

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

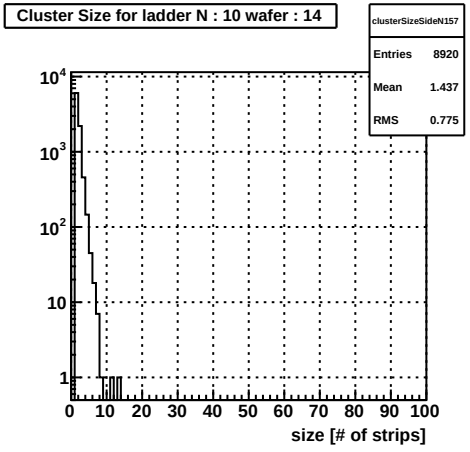

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 20251
Mean 1.271
RMS 0.5947
size [# of strips]

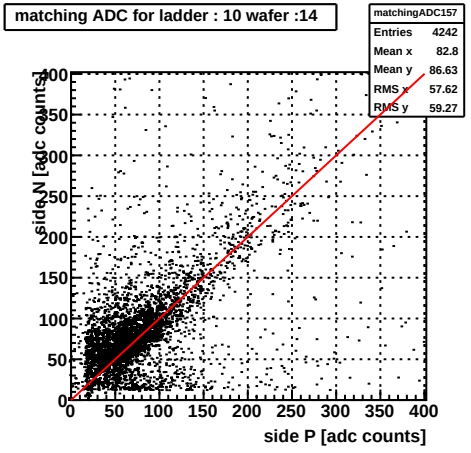

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

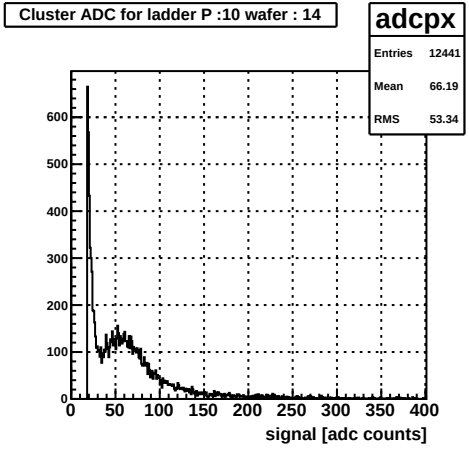

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

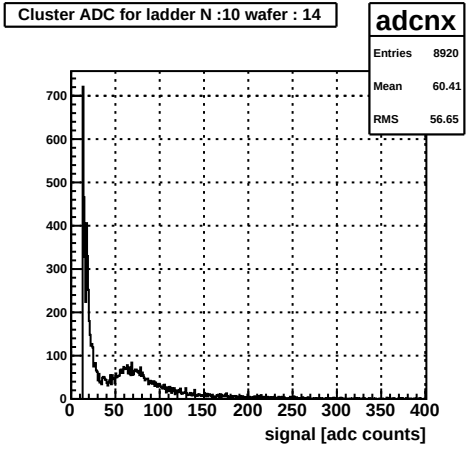

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 20251
Mean 43.26
RMS 44.06
signal [adc counts]

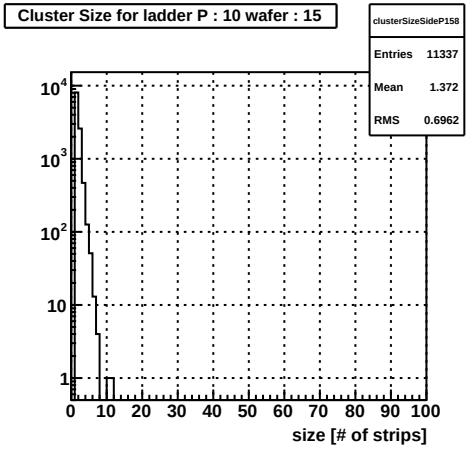

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 12441
Mean 1.317
RMS 0.6248
size [# of strips]

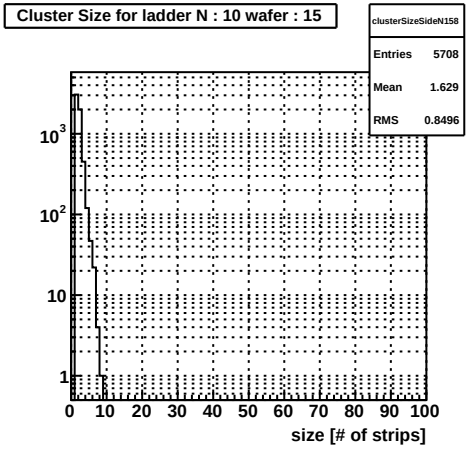

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 8920
Mean 1.437
RMS 0.775
size [# of strips]

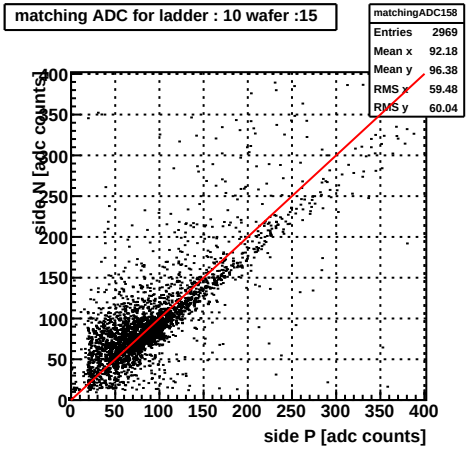

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 4242
Mean x 82.8
Mean y 86.63
RMS x 57.62
RMS y 59.27
side N [adc counts]
side P [adc counts]

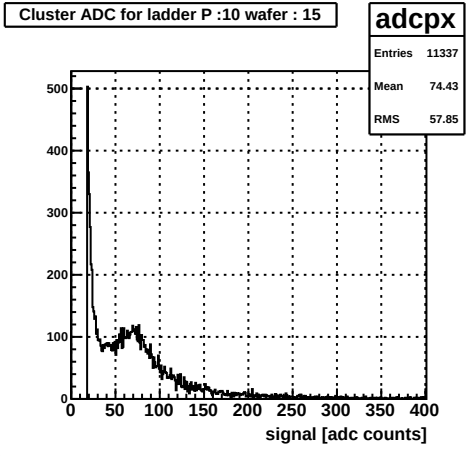

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 12441
Mean 66.19
RMS 53.34
signal [adc counts]

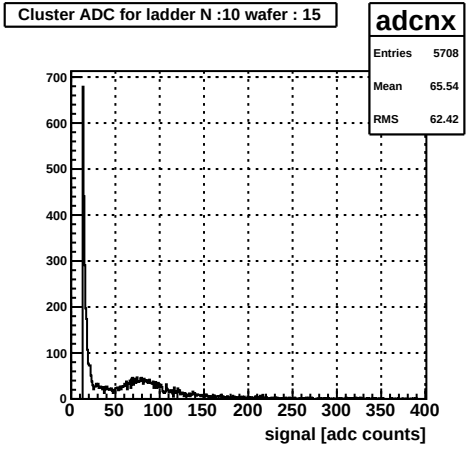

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 8920
Mean 60.41
RMS 56.65
signal [adc counts]

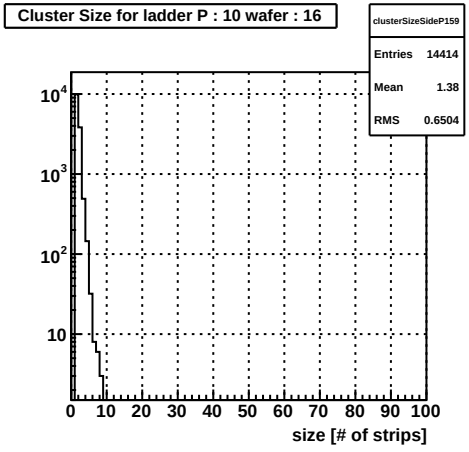

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 11337
Mean 1.372
RMS 0.6962
size [# of strips]

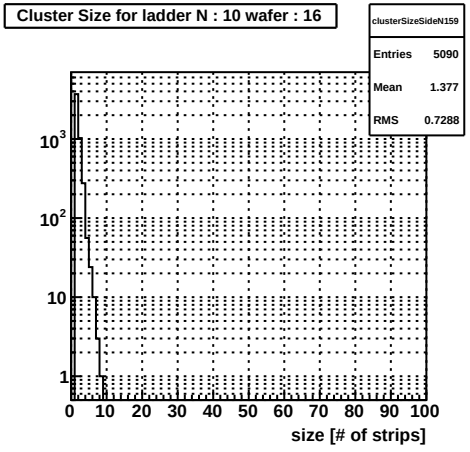

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 5708
Mean 1.629
RMS 0.8496
size [# of strips]

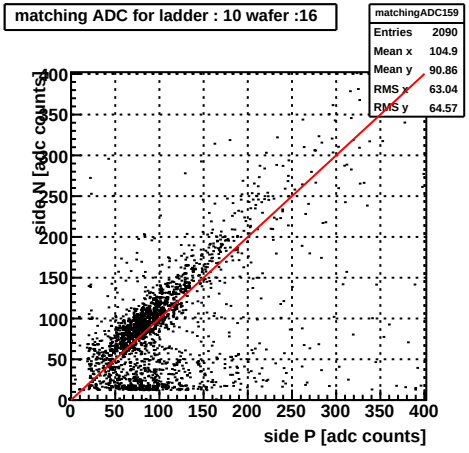

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 2969
Mean x 92.18
Mean y 96.38
RMS x 59.48
RMS y 60.04
side N [adc counts]
side P [adc counts]

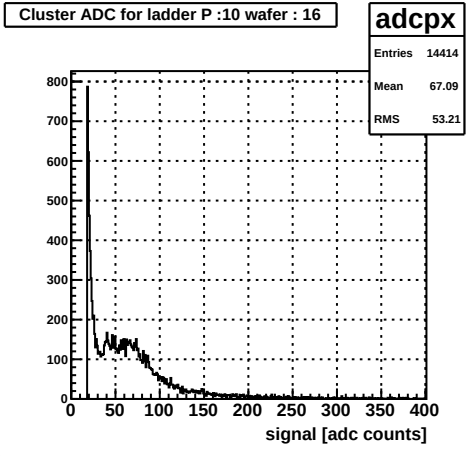

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 11337
Mean 74.43
RMS 57.85
signal [adc counts]

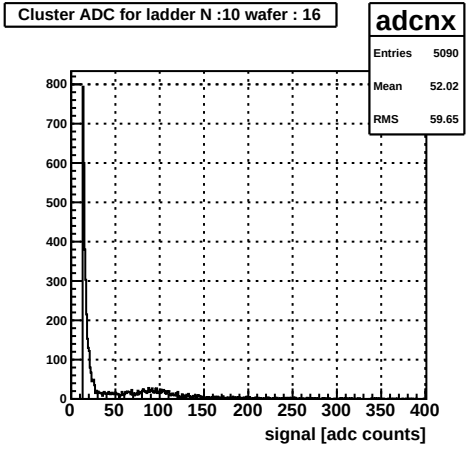

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 5708
Mean 65.54
RMS 62.42
signal [adc counts]

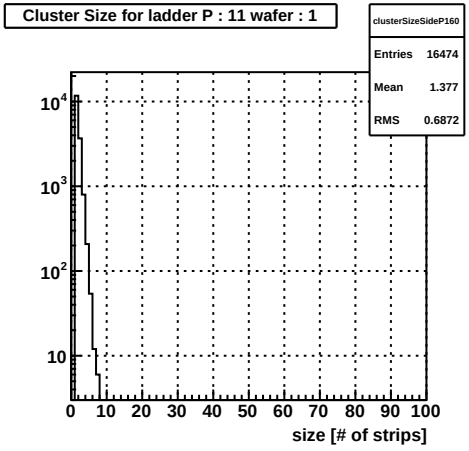

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 14414
Mean 1.38
RMS 0.6504
size [# of strips]

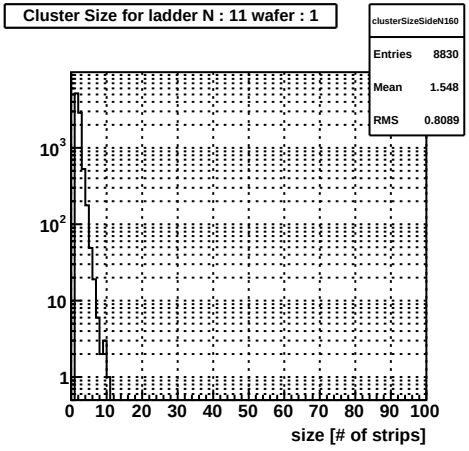

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 5090
Mean 1.377
RMS 0.7288
size [# of strips]

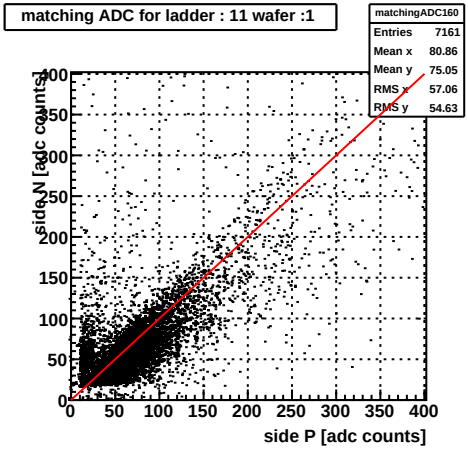

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 2090
Mean x 104.9
Mean y 90.86
RMS x 63.04
RMS y 64.57
side N [adc counts]
side P [adc counts]

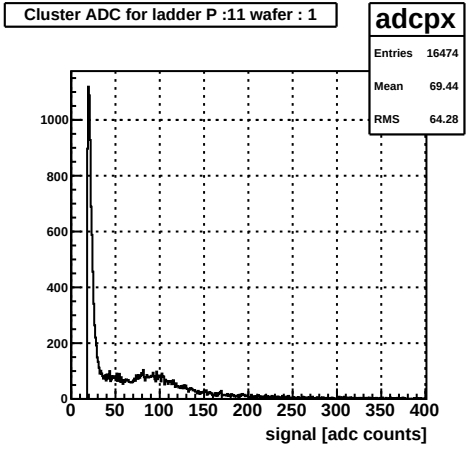

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 14414
Mean 67.09
RMS 53.21
signal [adc counts]

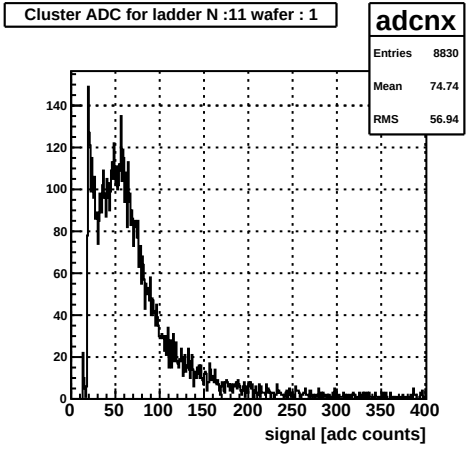

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 5090
Mean 52.02
RMS 59.65
signal [adc counts]

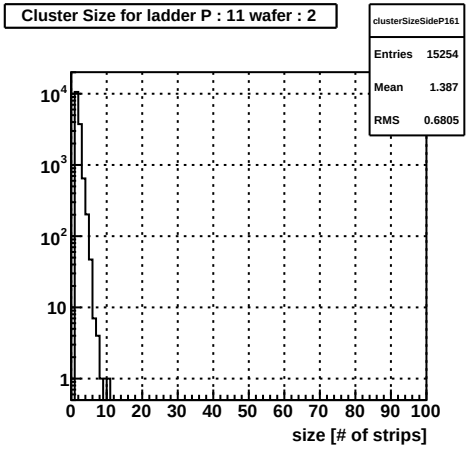

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 16474
Mean 1.377
RMS 0.6872
size [# of strips]

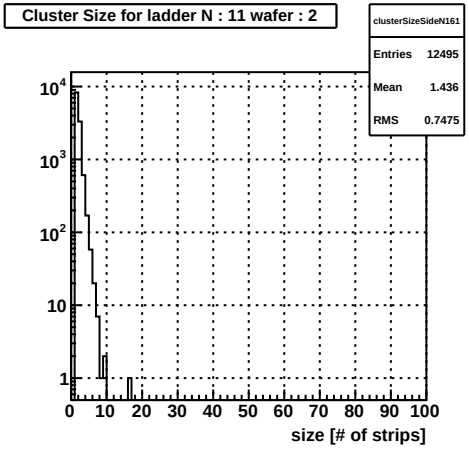

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 8830
Mean 1.548
RMS 0.8089
size [# of strips]

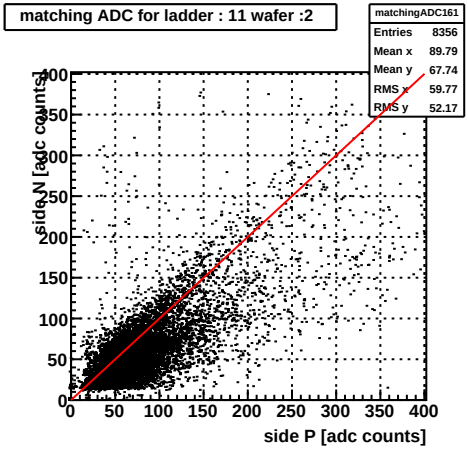

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 7161
Mean x 80.86
Mean y 75.05
RMS x 57.06
RMS y 54.63
side N [adc counts]
side P [adc counts]

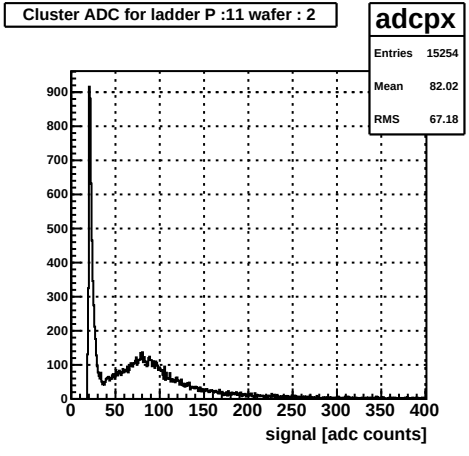

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 16474
Mean 69.44
RMS 64.28
signal [adc counts]

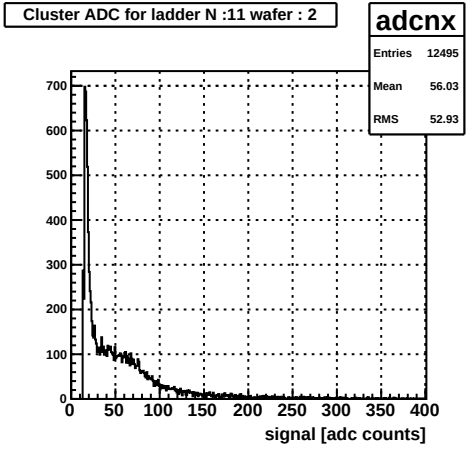

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 8830
Mean 74.74
RMS 56.94
signal [adc counts]

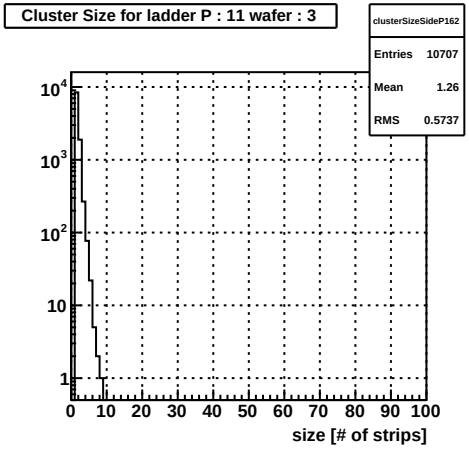

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 15254
Mean 1.387
RMS 0.6805
size [# of strips]

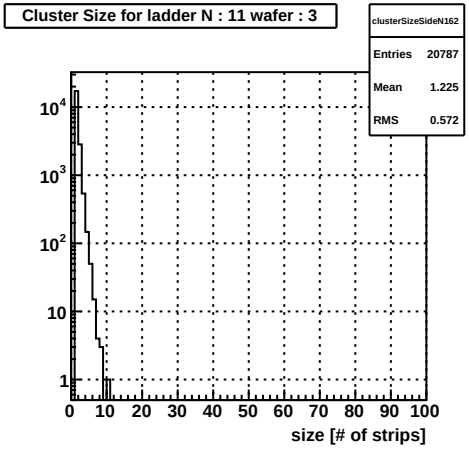

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 12495
Mean 1.436
RMS 0.7475
size [# of strips]

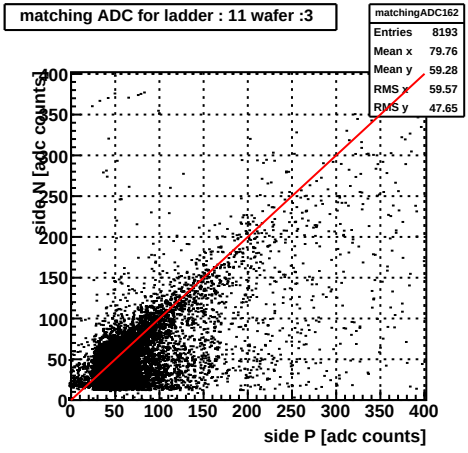

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 8356
Mean x 89.79
Mean y 67.74
RMS x 59.77
RMS y 52.17
side N [adc counts]
side P [adc counts]

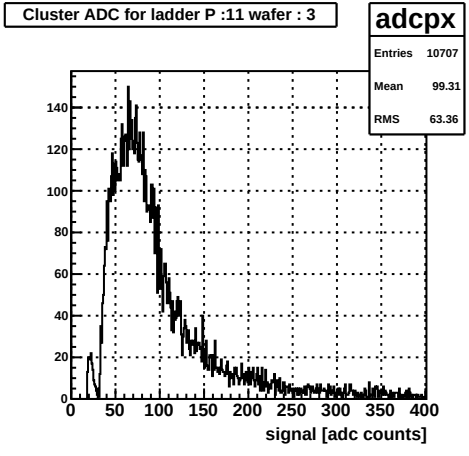

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 15254
Mean 82.02
RMS 67.18
signal [adc counts]

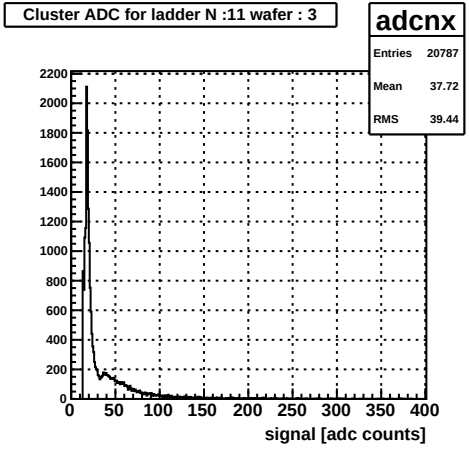

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 12495
Mean 56.03
RMS 52.93
signal [adc counts]

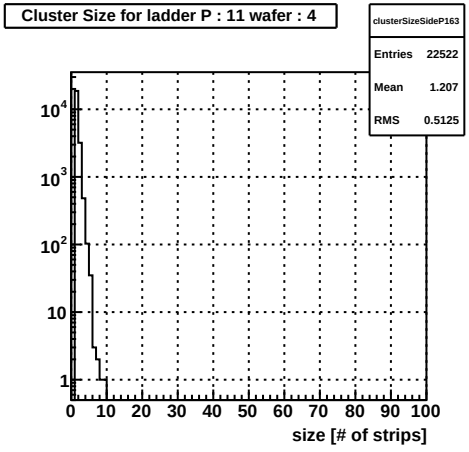

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 10707
Mean 1.26
RMS 0.5737
size [# of strips]

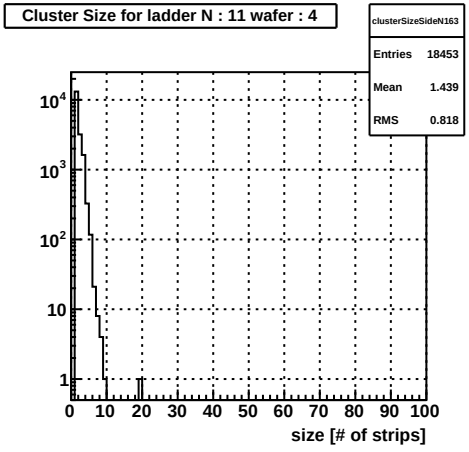

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 20787
Mean 1.225
RMS 0.572
size [# of strips]

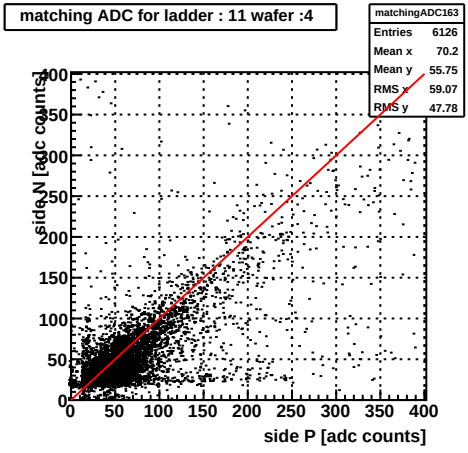

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 8193
Mean x 79.76
Mean y 59.28
RMS x 59.57
RMS y 47.65
side N [adc counts]
side P [adc counts]

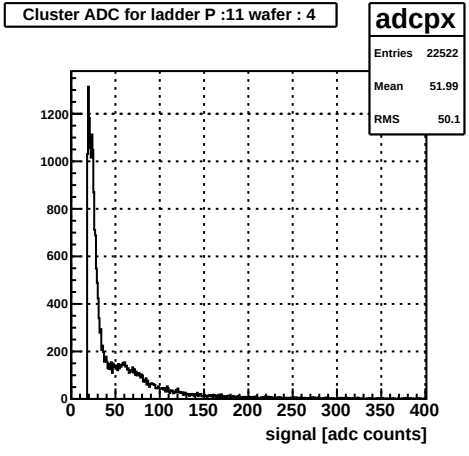

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 10707
Mean 99.31
RMS 63.36
signal [adc counts]

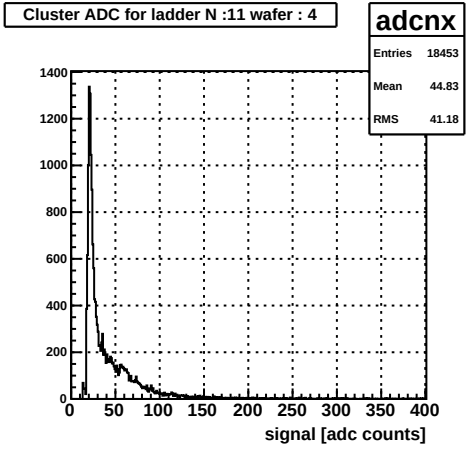

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 20787
Mean 37.72
RMS 39.44
signal [adc counts]

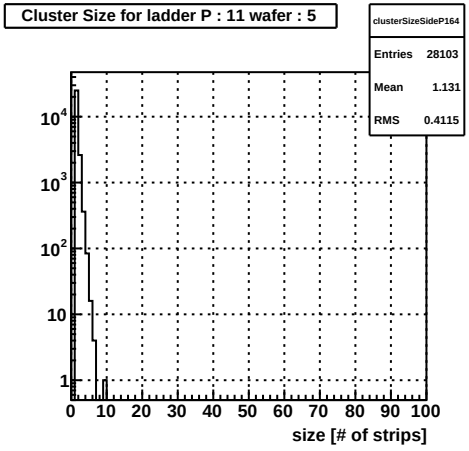

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 22522
Mean 1.207
RMS 0.5125
size [# of strips]

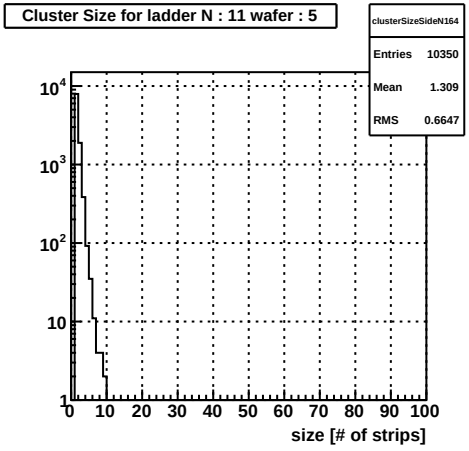

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 18453
Mean 1.439
RMS 0.818
size [# of strips]

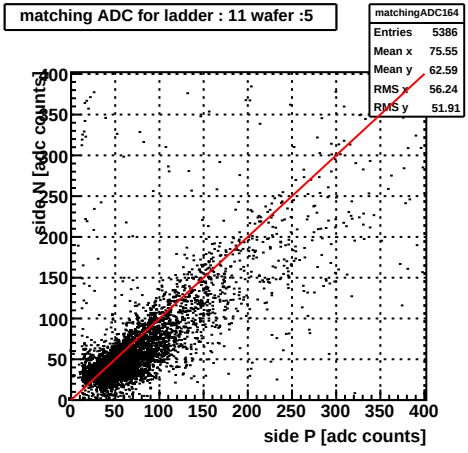

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 6126
Mean x 70.2
Mean y 55.75
RMS x 59.07
RMS y 47.78
side N [adc counts]
side P [adc counts]

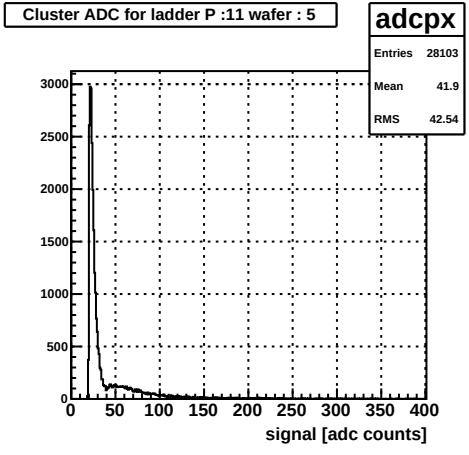

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 22522
Mean 51.99
RMS 50.1
signal [adc counts]

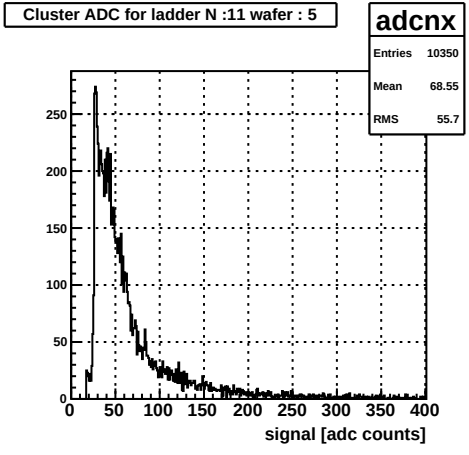

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 18453
Mean 44.83
RMS 41.18
signal [adc counts]

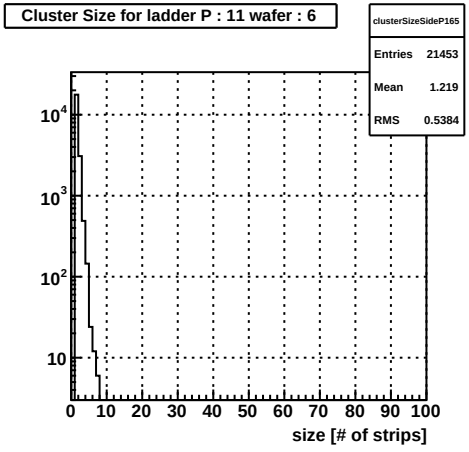

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 28103
Mean 1.131
RMS 0.4115
size [# of strips]

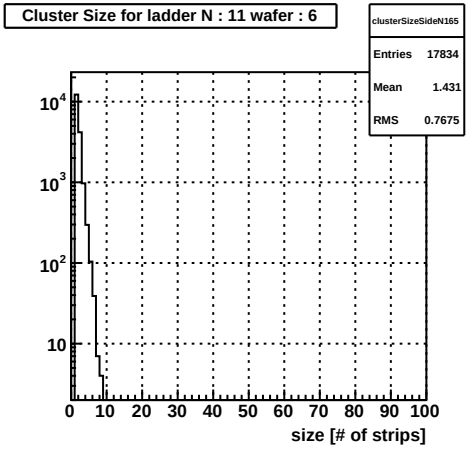

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 10350
Mean 1.309
RMS 0.6647
size [# of strips]

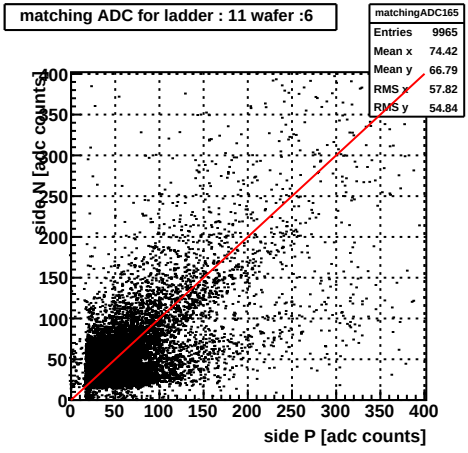

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 5386
Mean x 75.55
Mean y 62.59
RMS x 56.24
RMS y 51.91
side N [adc counts]
side P [adc counts]

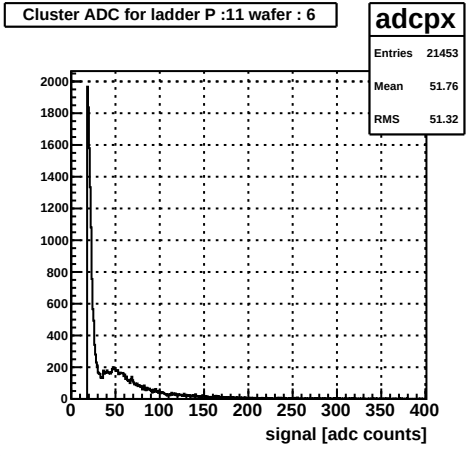

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 28103
Mean 41.9
RMS 42.54
signal [adc counts]

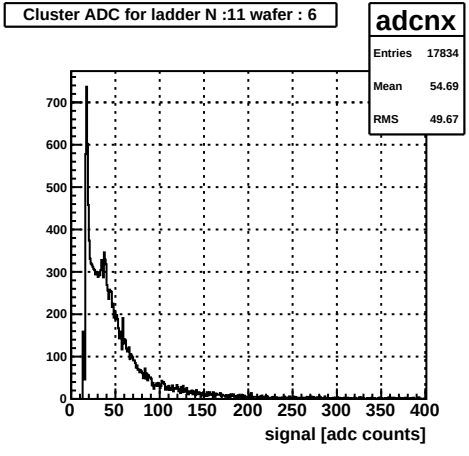

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 10350
Mean 68.55
RMS 55.7
signal [adc counts]

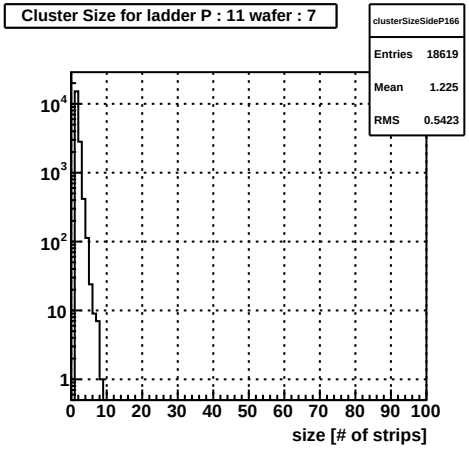

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 21453
Mean 1.219
RMS 0.5384
size [# of strips]

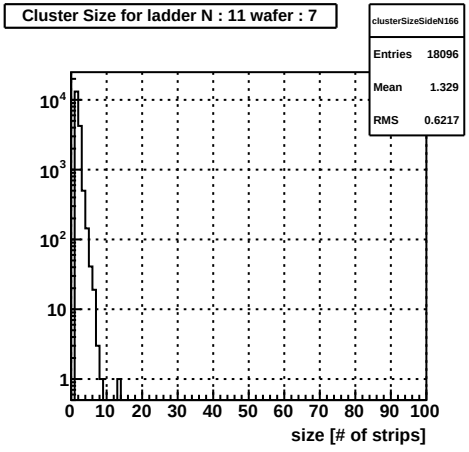

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 17834
Mean 1.431
RMS 0.7675
size [# of strips]

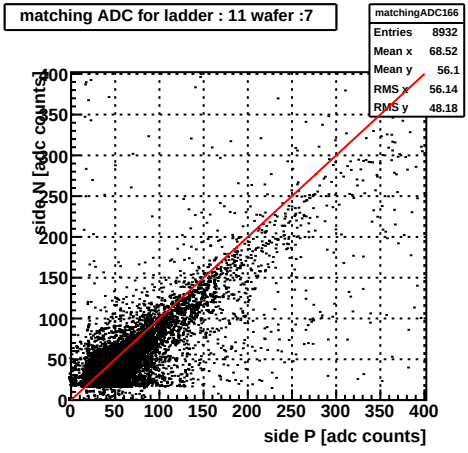

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 9965
Mean x 74.42
Mean y 66.79
RMS x 57.82
RMS y 54.84
side N [adc counts]
side P [adc counts]

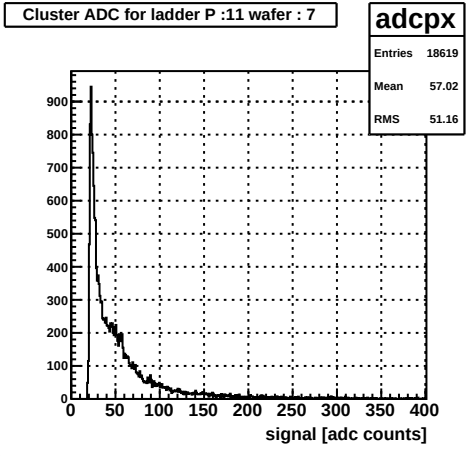

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 21453
Mean 51.76
RMS 51.32
signal [adc counts]

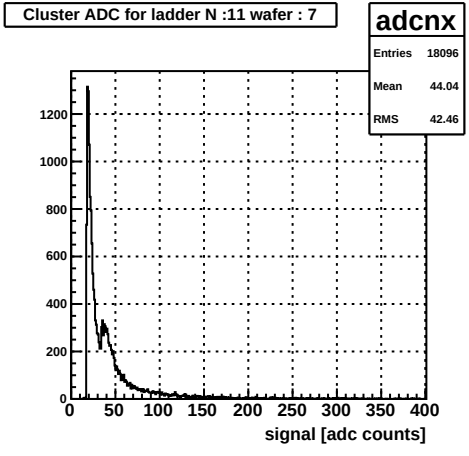

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 17834
Mean 54.69
RMS 49.67
signal [adc counts]

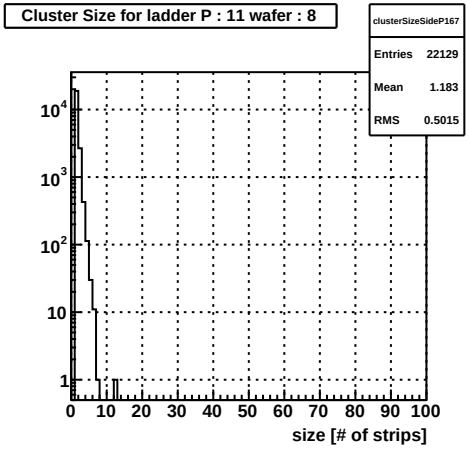

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 18619
Mean 1.225
RMS 0.5423
size [# of strips]

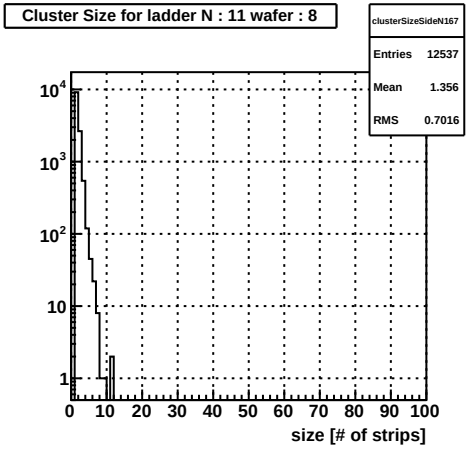

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 18096
Mean 1.329
RMS 0.6217
size [# of strips]

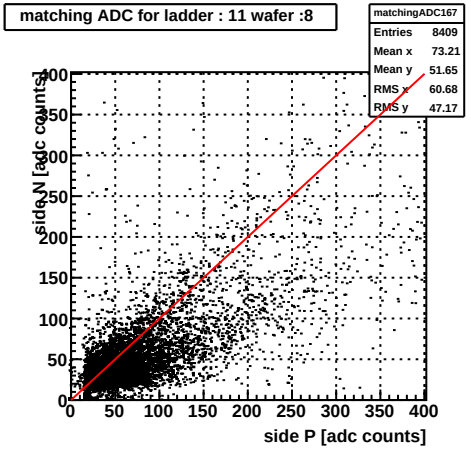

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 8932
Mean x 68.52
Mean y 56.1
RMS x 56.14
RMS y 48.18
side N [adc counts]
side P [adc counts]

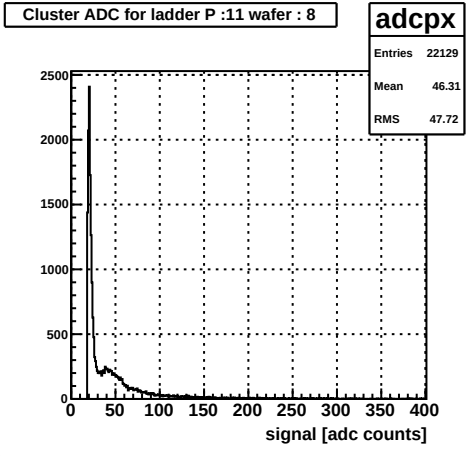

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 18619
Mean 57.02
RMS 51.16
signal [adc counts]

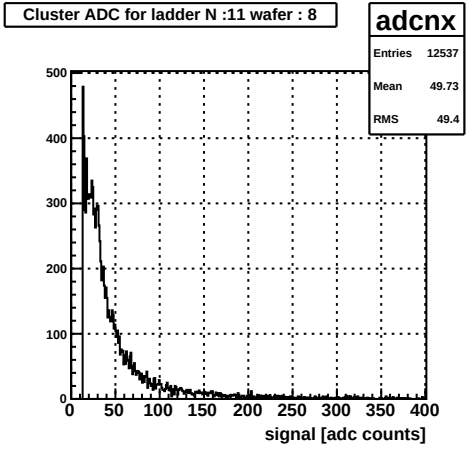

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 18096
Mean 44.04
RMS 42.46
signal [adc counts]

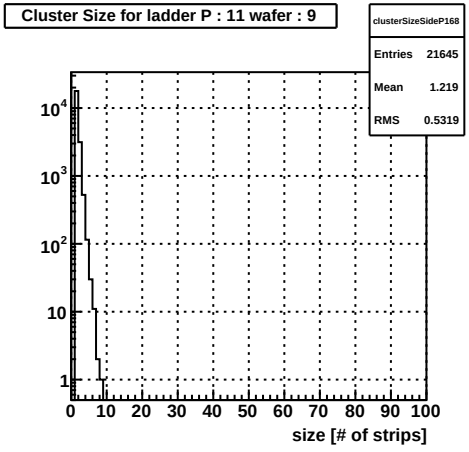

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 22129
Mean 1.183
RMS 0.5015
size [# of strips]

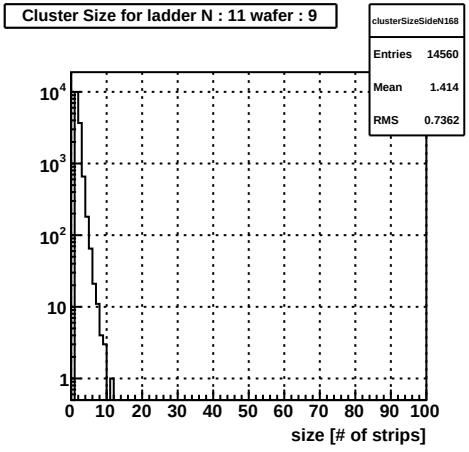

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 12537
Mean 1.356
RMS 0.7016
size [# of strips]

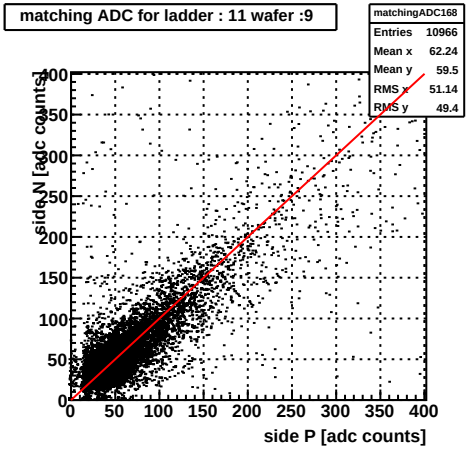

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 8409
Mean x 73.21
Mean y 51.65
RMS x 60.68
RMS y 47.17
side N [adc counts]
side P [adc counts]

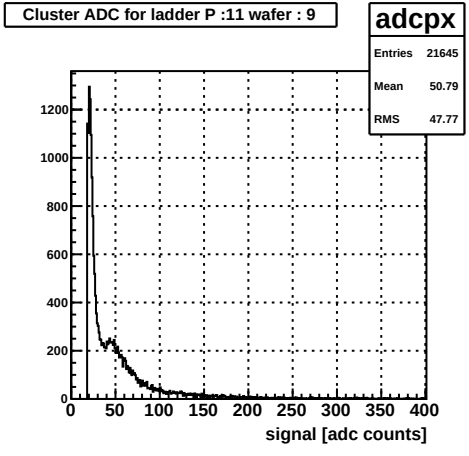

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 22129
Mean 46.31
RMS 47.72
signal [adc counts]

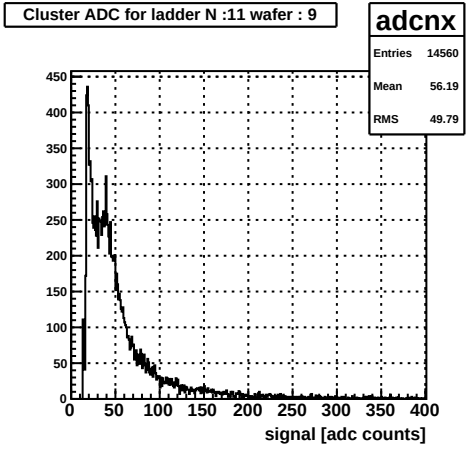

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 12537
Mean 49.73
RMS 49.4
signal [adc counts]

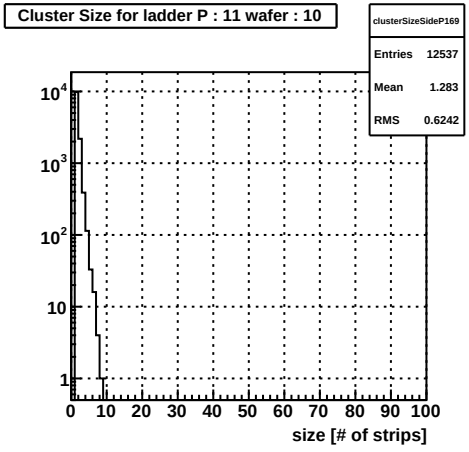

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 21645
Mean 1.219
RMS 0.5319
size [# of strips]

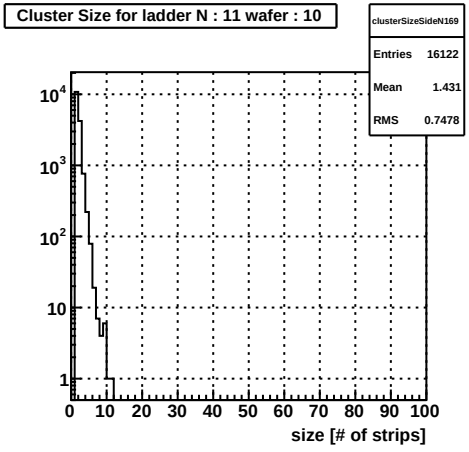

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 14560
Mean 1.414
RMS 0.7362
size [# of strips]

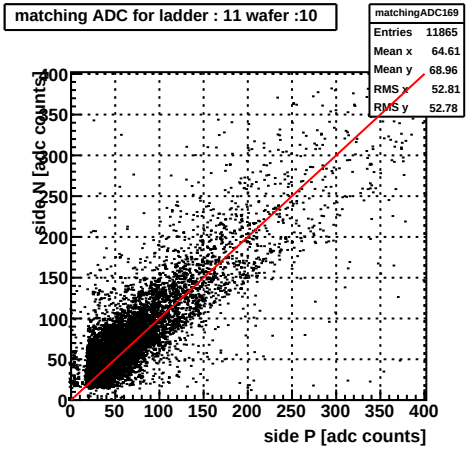

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 10966
Mean x 62.24
Mean y 59.5
RMS x 51.14
RMS y 49.4
side N [adc counts]
side P [adc counts]

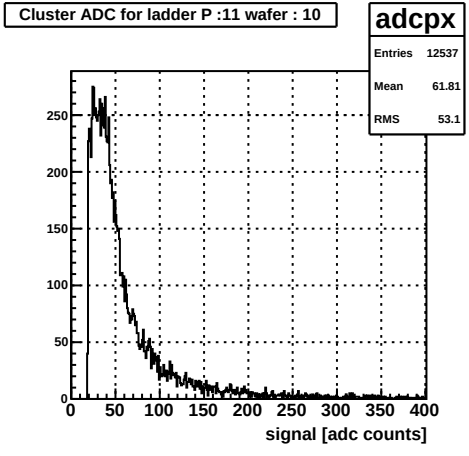

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 21645
Mean 50.79
RMS 47.77
signal [adc counts]

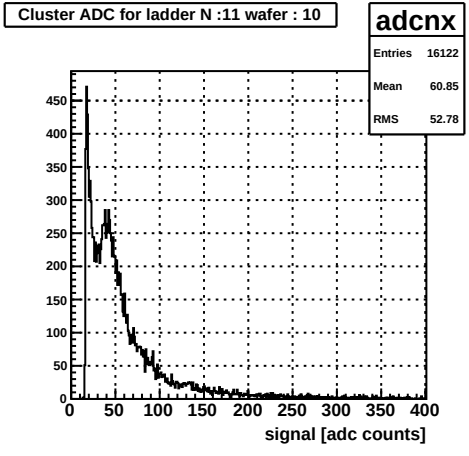

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 14560
Mean 56.19
RMS 49.79
signal [adc counts]

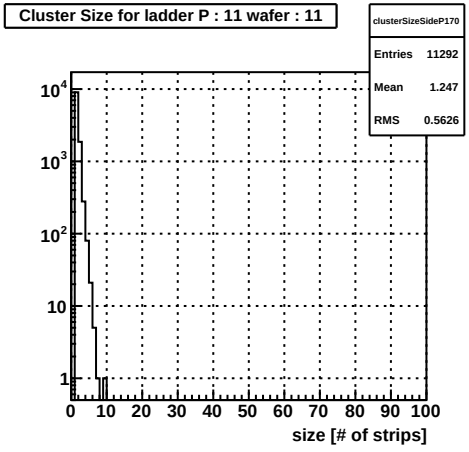

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 12537
Mean 1.283
RMS 0.6242
size [# of strips]

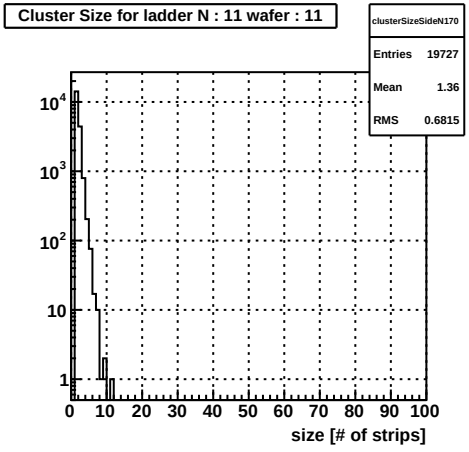

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 16122
Mean 1.431
RMS 0.7478
size [# of strips]

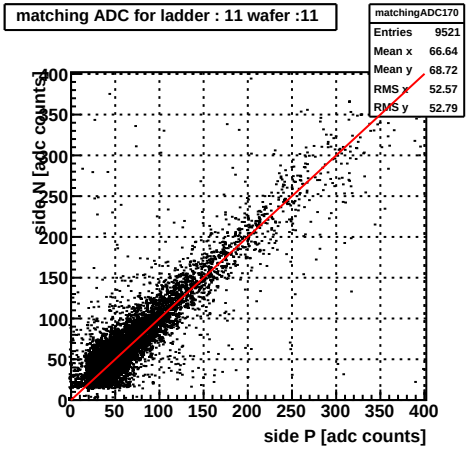

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 11865
Mean x 64.61
Mean y 68.96
RMS x 52.81
RMS y 52.78
side N [adc counts]
side P [adc counts]

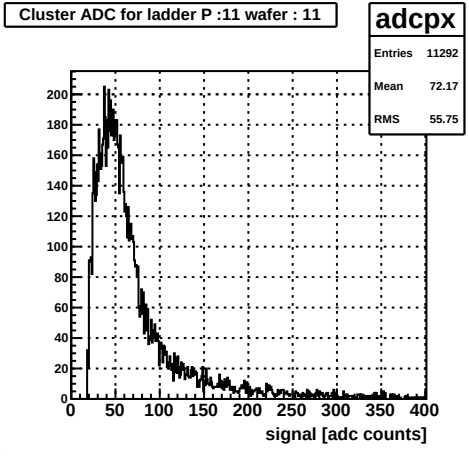

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 12537
Mean 61.81
RMS 53.1
signal [adc counts]

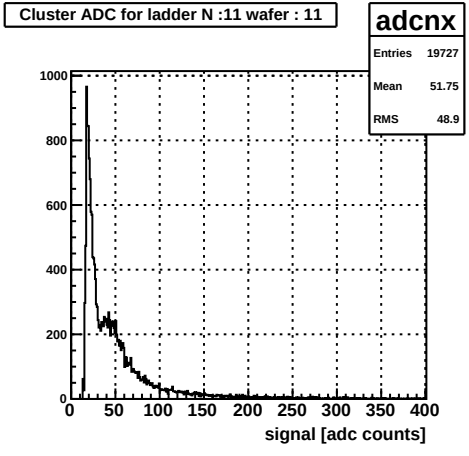

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 16122
Mean 60.85
RMS 52.78
signal [adc counts]

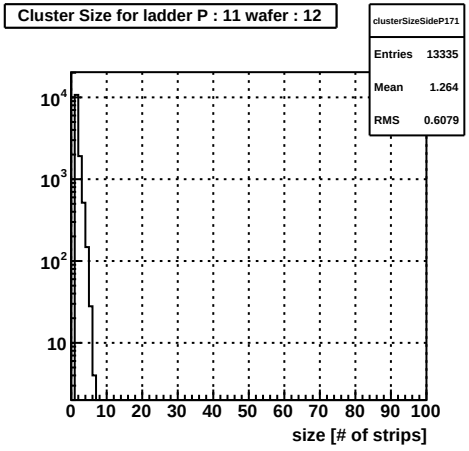

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 11292
Mean 1.247
RMS 0.5626
size [# of strips]

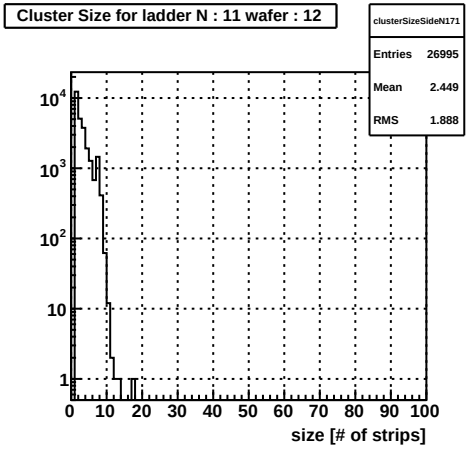

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 19727
Mean 1.36
RMS 0.6815
size [# of strips]

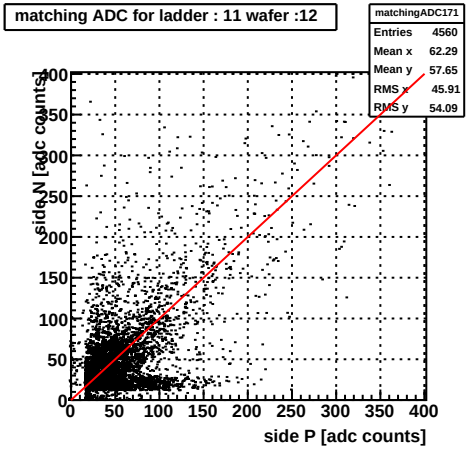

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 9521
Mean x 66.64
Mean y 68.72
RMS x 52.57
RMS y 52.79
side N [adc counts]
side P [adc counts]

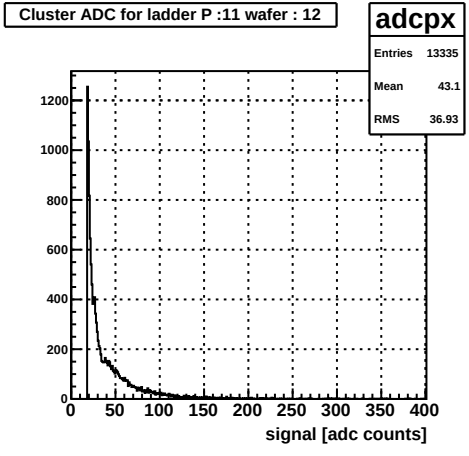

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 11292
Mean 72.17
RMS 55.75
signal [adc counts]

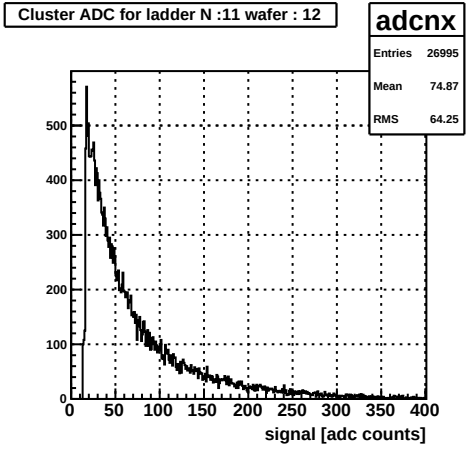

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 19727
Mean 51.75
RMS 48.9
signal [adc counts]

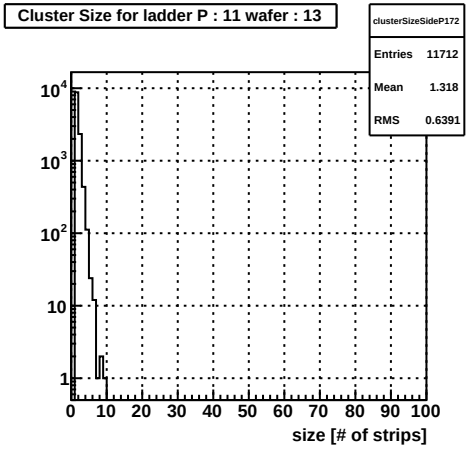

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 13335
Mean 1.264
RMS 0.6079
size [# of strips]

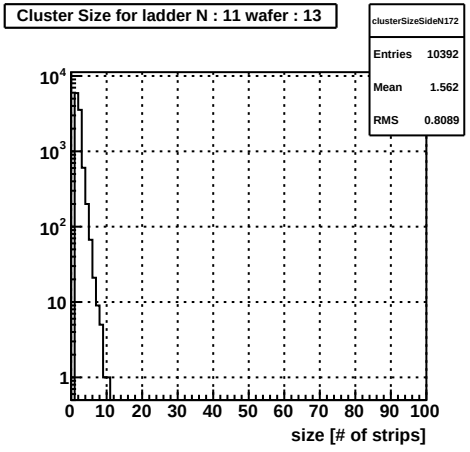

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 26995
Mean 2.449
RMS 1.888
size [# of strips]

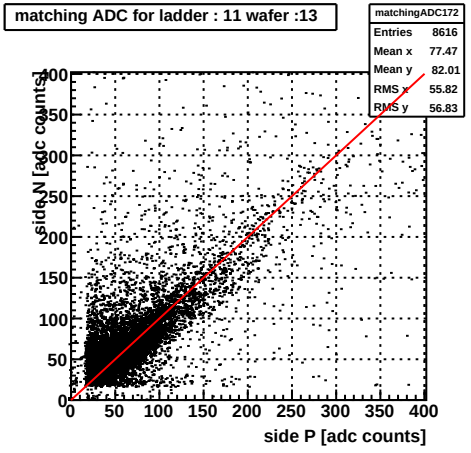

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 4560
Mean x 62.29
Mean y 57.65
RMS x 45.91
RMS y 54.09
side N [adc counts]
side P [adc counts]

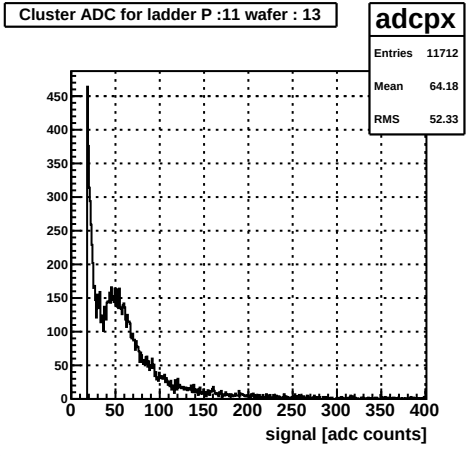

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 13335
Mean 43.1
RMS 36.93
signal [adc counts]

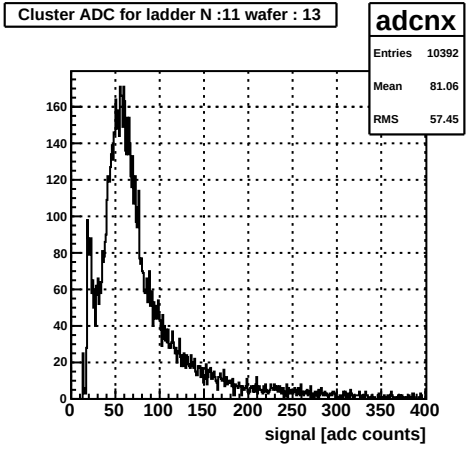

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 26995
Mean 74.87
RMS 64.25
signal [adc counts]

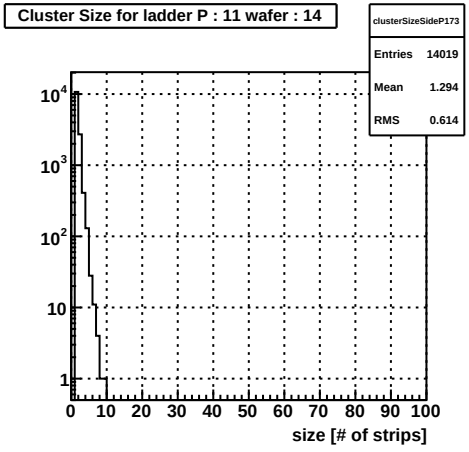

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 11712
Mean 1.318
RMS 0.6391
size [# of strips]

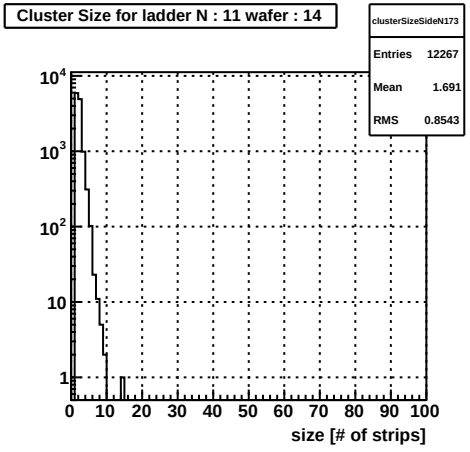

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 10392
Mean 1.562
RMS 0.8089
size [# of strips]

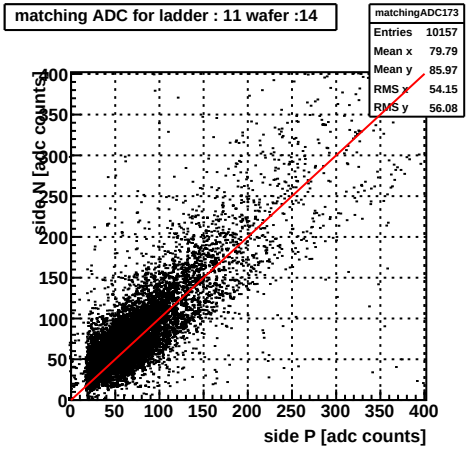

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 8616
Mean x 77.47
Mean y 82.01
RMS x 55.82
RMS y 56.83
side N [adc counts]
side P [adc counts]

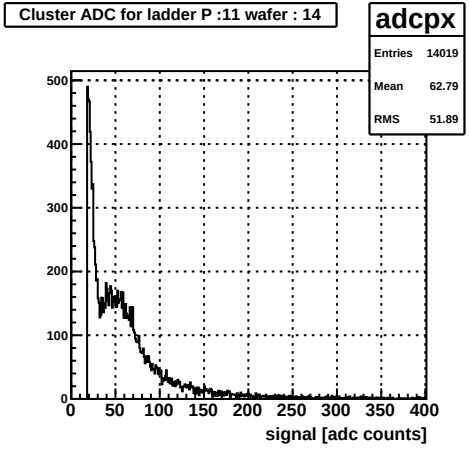

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 11712
Mean 64.18
RMS 52.33
signal [adc counts]

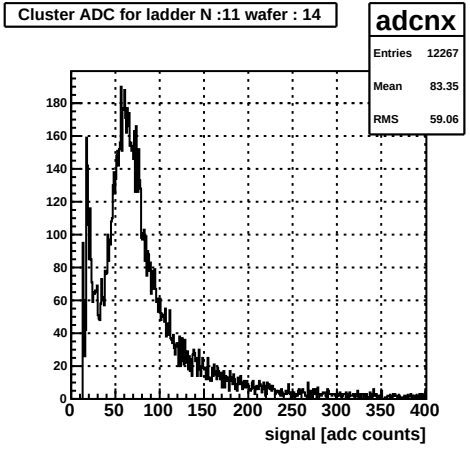

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 10392
Mean 81.06
RMS 57.45
signal [adc counts]

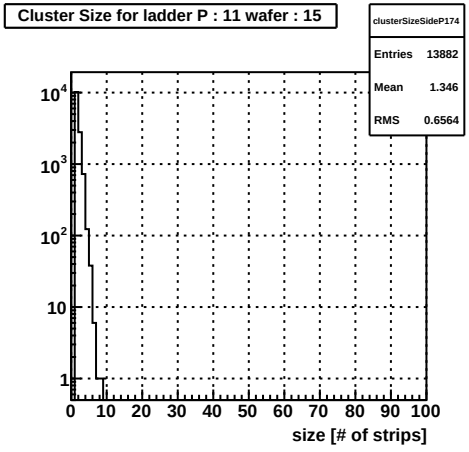

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 14019
Mean 1.294
RMS 0.614
size [# of strips]

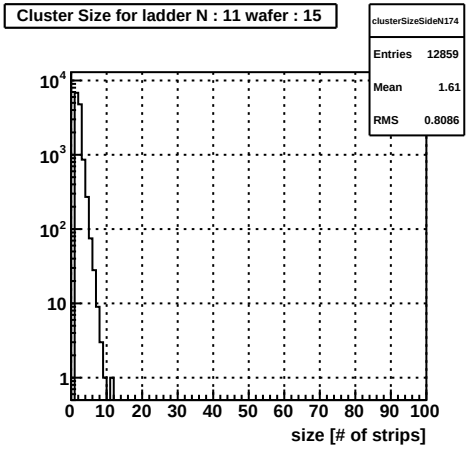

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 12267
Mean 1.691
RMS 0.8543
size [# of strips]

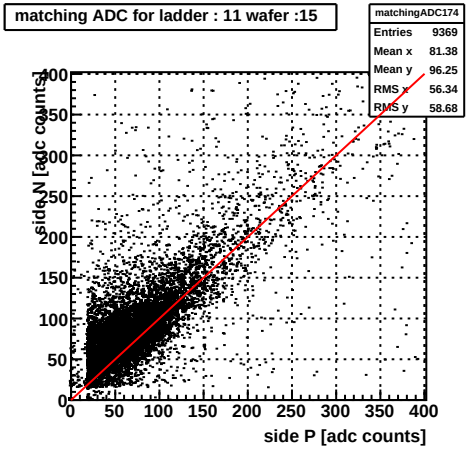

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 10157
Mean x 79.79
Mean y 85.97
RMS x 54.15
RMS y 56.08
side N [adc counts]
side P [adc counts]

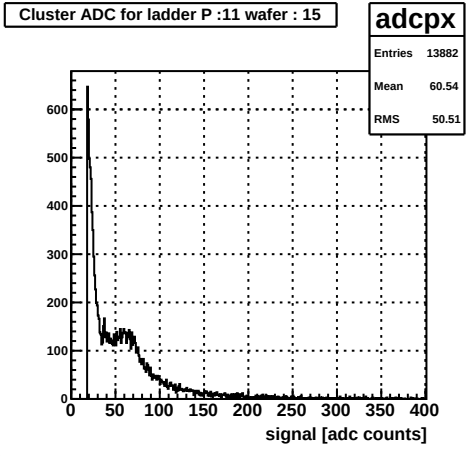

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 14019
Mean 62.79
RMS 51.89
signal [adc counts]

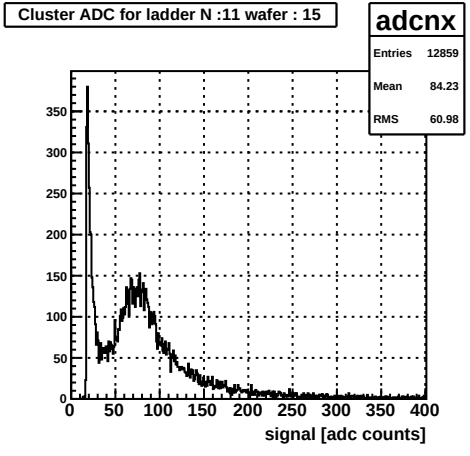

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 12267
Mean 83.35
RMS 59.06
signal [adc counts]

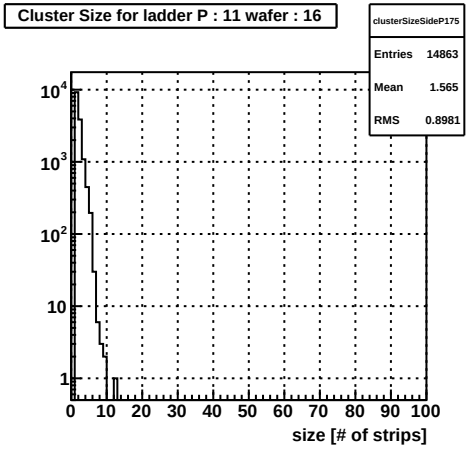

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 13882
Mean 1.346
RMS 0.6564
size [# of strips]

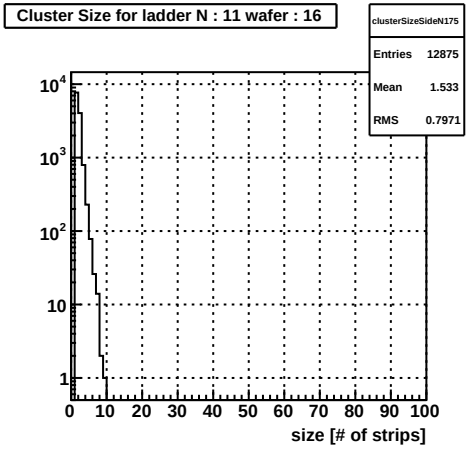

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 12859
Mean 1.61
RMS 0.8086
size [# of strips]

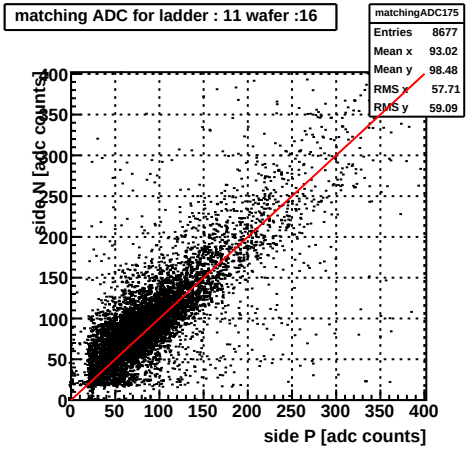

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 9369
Mean x 81.38
Mean y 96.25
RMS x 56.34
RMS y 58.68
side N [adc counts]
side P [adc counts]

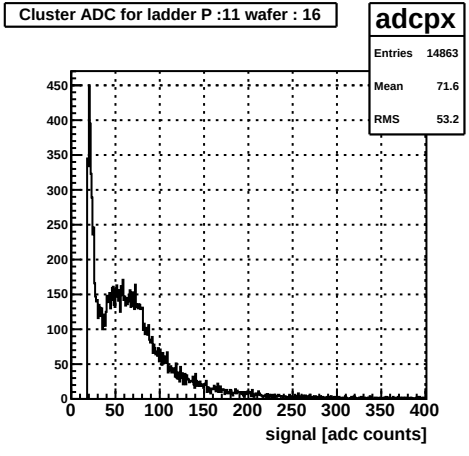

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 13882
Mean 60.54
RMS 50.51
signal [adc counts]

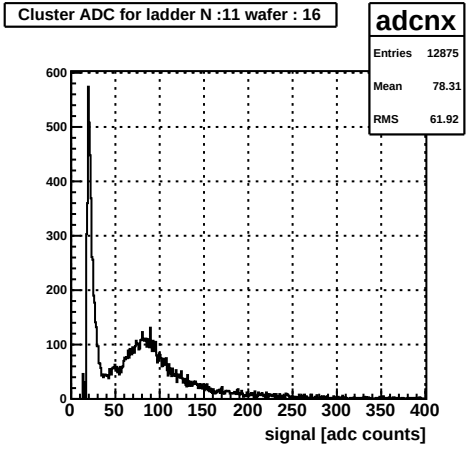

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 12859
Mean 84.23
RMS 60.98
signal [adc counts]

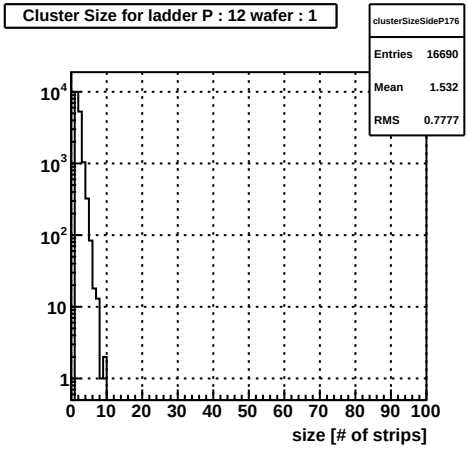

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 14863
Mean 1.565
RMS 0.8981
size [# of strips]

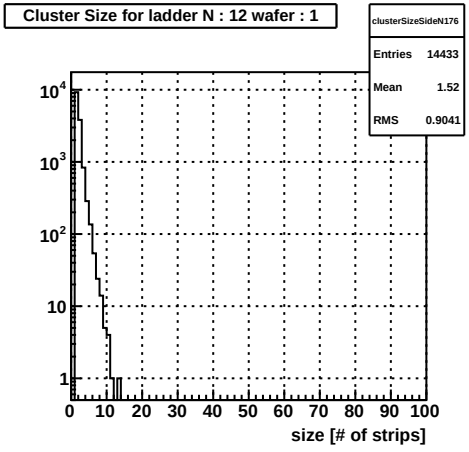

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 12875
Mean 1.533
RMS 0.7971
size [# of strips]

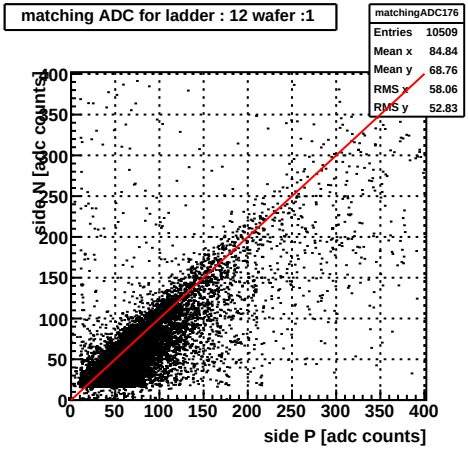

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 8677
Mean x 93.02
Mean y 98.48
RMS x 57.71
RMS y 59.09
side N [adc counts]
side P [adc counts]

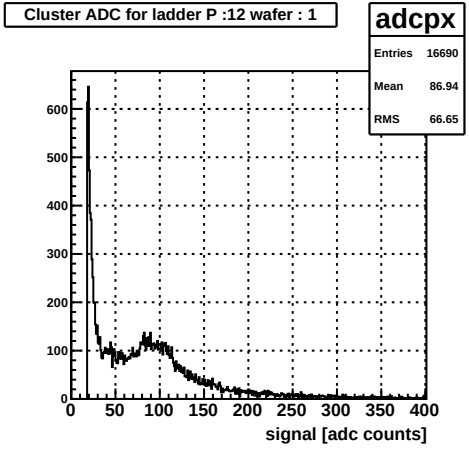

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 14863
Mean 71.6
RMS 53.2
signal [adc counts]

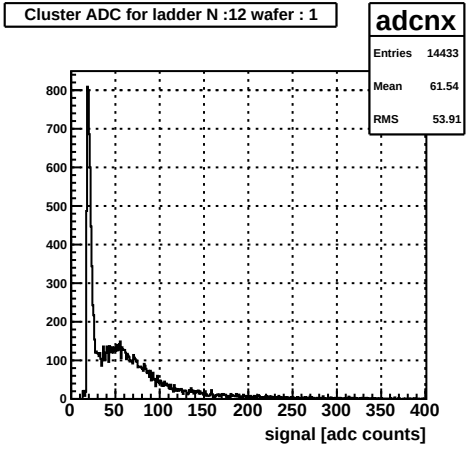

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 12875
Mean 78.31
RMS 61.92
signal [adc counts]

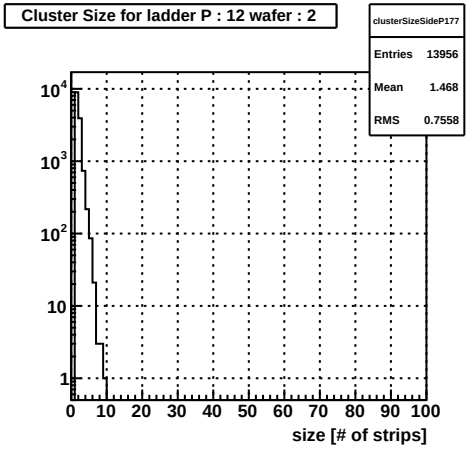

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 16690
Mean 1.532
RMS 0.7777
size [# of strips]

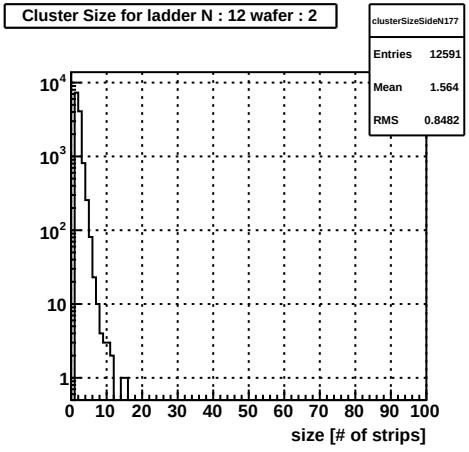

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 14433
Mean 1.52
RMS 0.9041
size [# of strips]

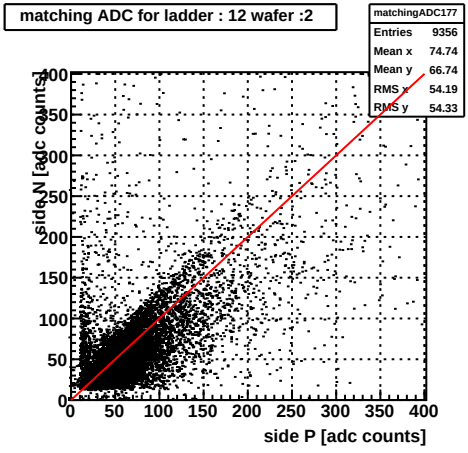

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 10509
Mean x 84.84
Mean y 68.76
RMS x 58.06
RMS y 52.83
side N [adc counts]
side P [adc counts]

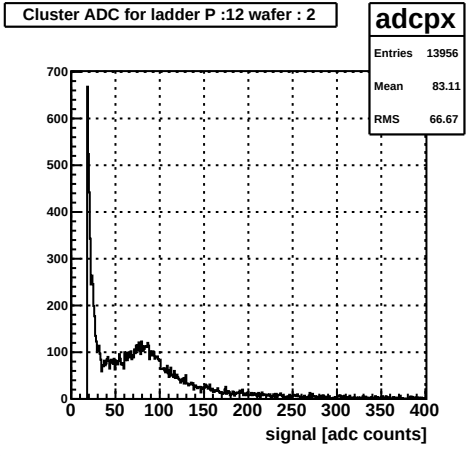

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 16690
Mean 86.94
RMS 66.65
signal [adc counts]

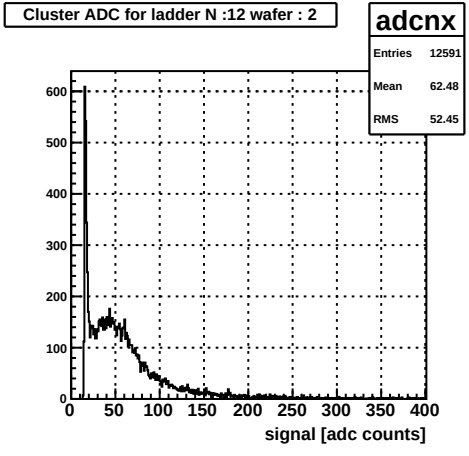

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 14433
Mean 61.54
RMS 53.91
signal [adc counts]

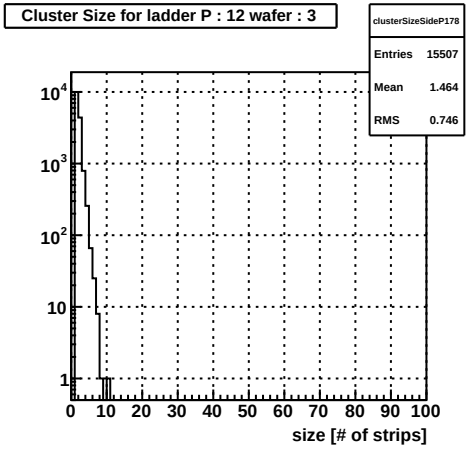

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 13956
Mean 1.468
RMS 0.7558
size [# of strips]

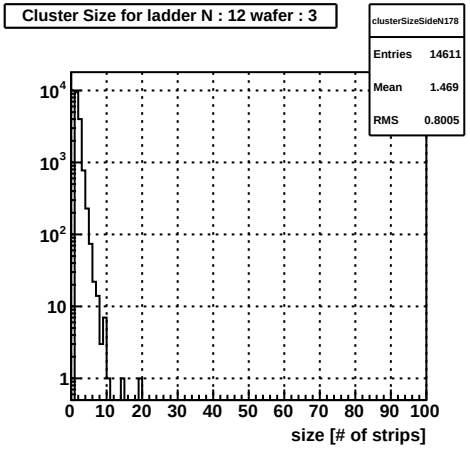

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 12591
Mean 1.564
RMS 0.8482
size [# of strips]

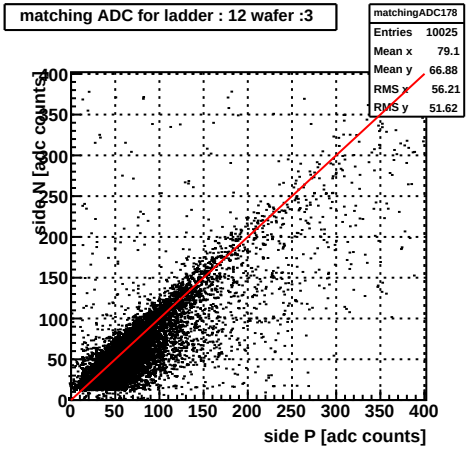

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 9356
Mean x 74.74
Mean y 66.74
RMS x 54.19
RMS y 54.33
side N [adc counts]
side P [adc counts]

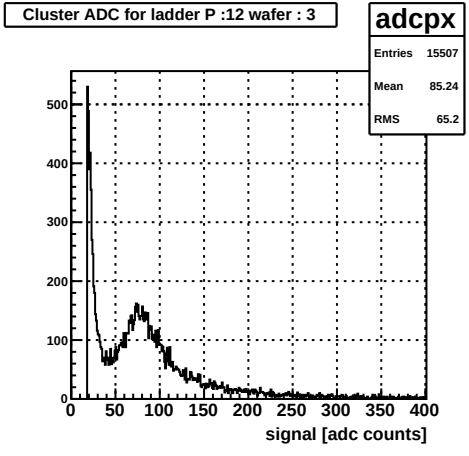

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 13956
Mean 83.11
RMS 66.67
signal [adc counts]

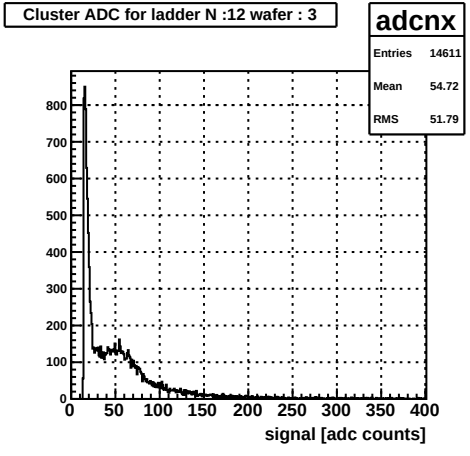

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 12591
Mean 62.48
RMS 52.45
signal [adc counts]

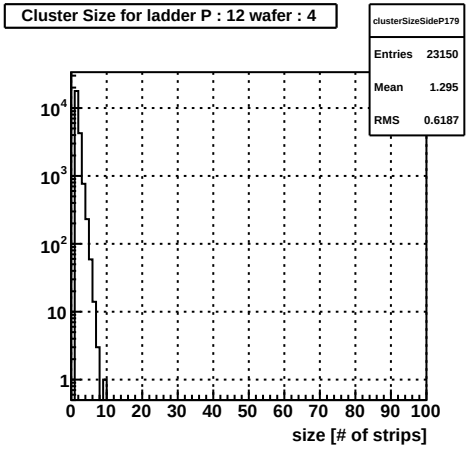

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 15507
Mean 1.464
RMS 0.746
size [# of strips]

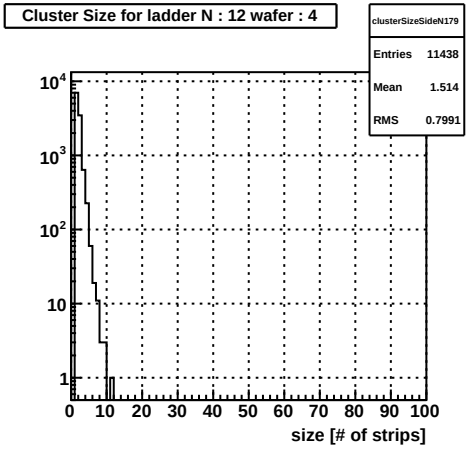

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 14611
Mean 1.469
RMS 0.8005
size [# of strips]

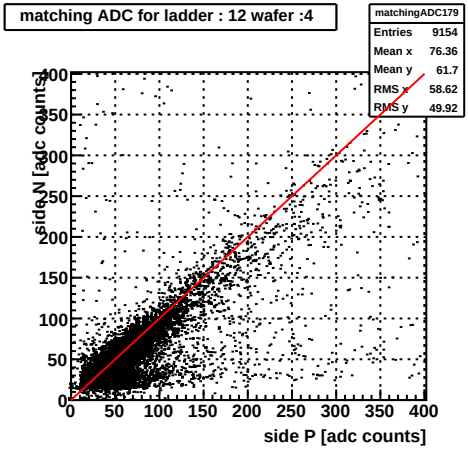

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 10025
Mean x 79.1
Mean y 66.88
RMS x 56.21
RMS y 51.62
side N [adc counts]
side P [adc counts]

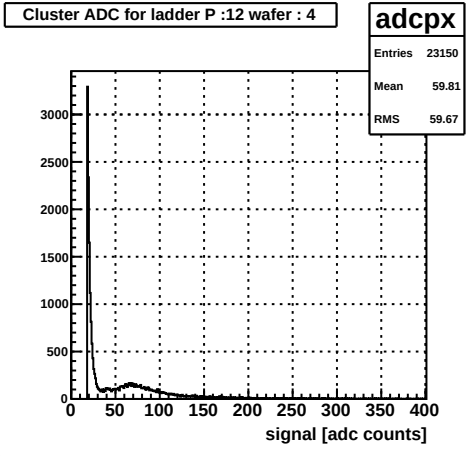

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 15507
Mean 85.24
RMS 65.2
signal [adc counts]

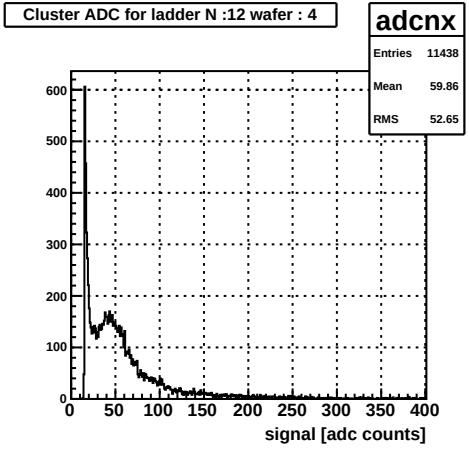

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 14611
Mean 54.72
RMS 51.79
signal [adc counts]

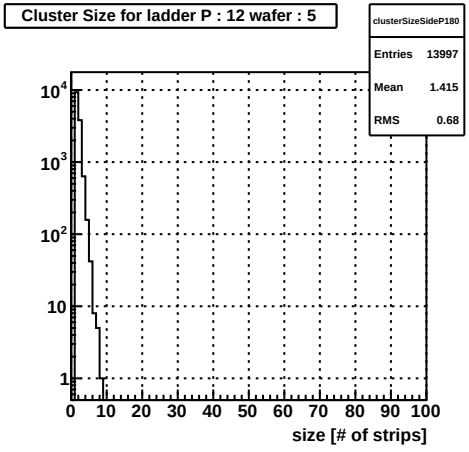

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 23150
Mean 1.295
RMS 0.6187
size [# of strips]

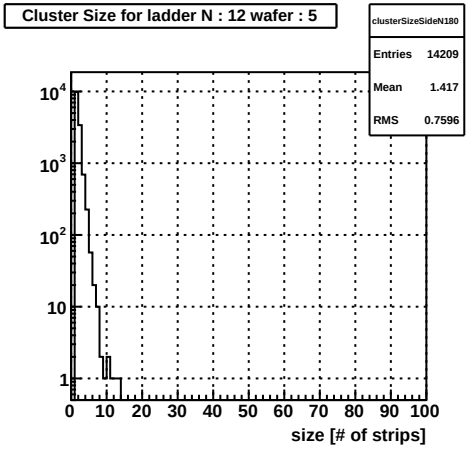

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 11438
Mean 1.514
RMS 0.7991
size [# of strips]

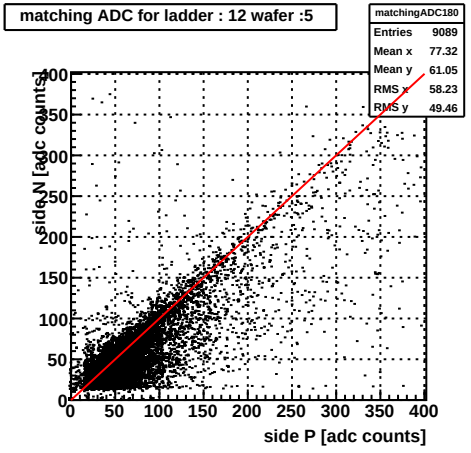

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 9154
Mean x 76.36
Mean y 61.7
RMS x 58.62
RMS y 49.92
side N [adc counts]
side P [adc counts]

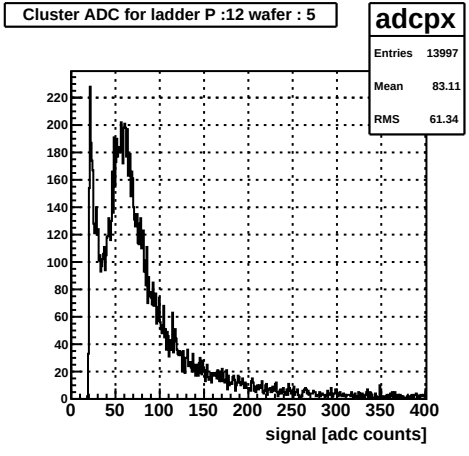

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 23150
Mean 59.81
RMS 59.67
signal [adc counts]

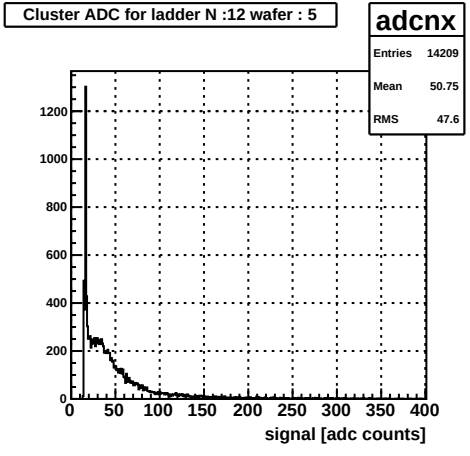

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 11438
Mean 59.86
RMS 52.65
signal [adc counts]

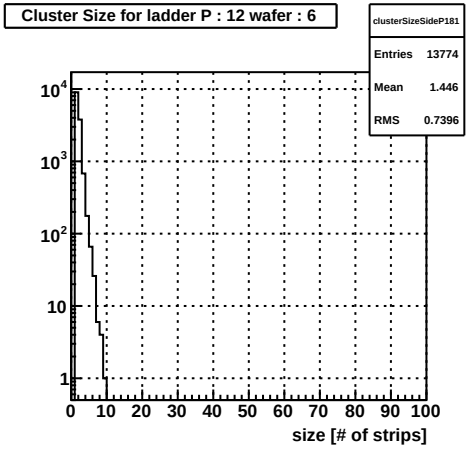

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 13997
Mean 1.415
RMS 0.68
size [# of strips]

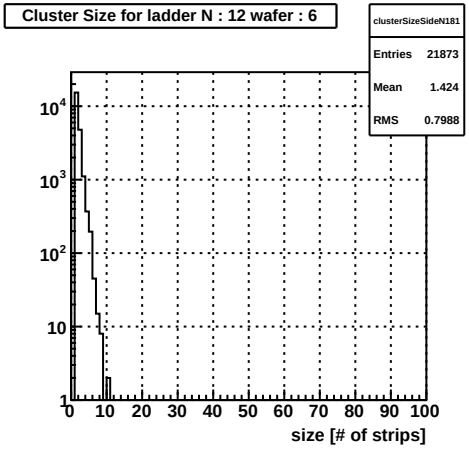

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 14209
Mean 1.417
RMS 0.7596
size [# of strips]

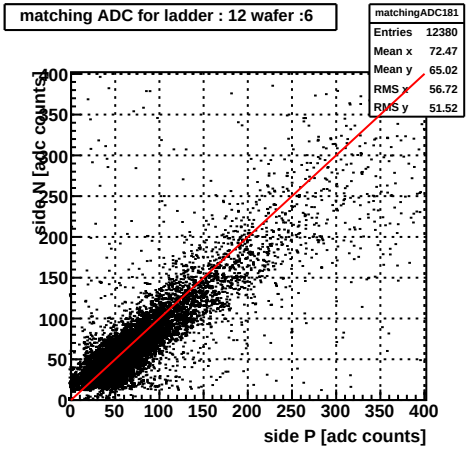

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 9089
Mean x 77.32
Mean y 61.05
RMS x 58.23
RMS y 49.46
side N [adc counts]
side P [adc counts]

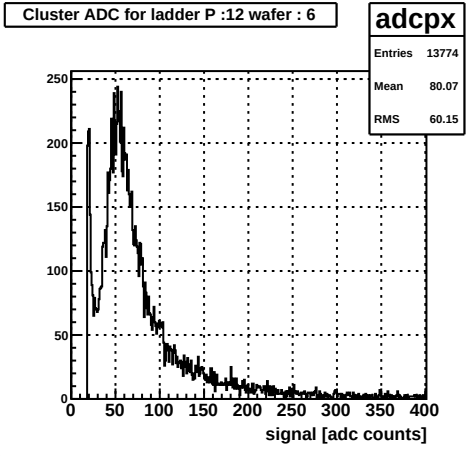

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 13997
Mean 83.11
RMS 61.34
signal [adc counts]

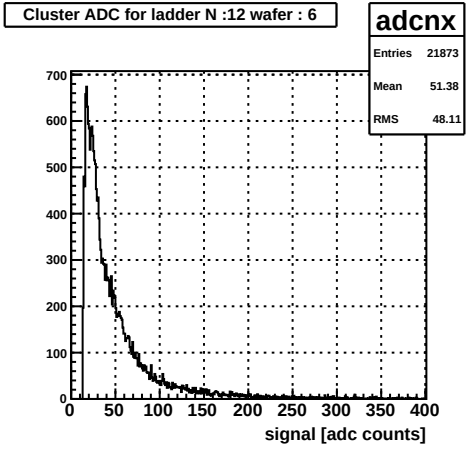

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 14209
Mean 50.75
RMS 47.6
signal [adc counts]

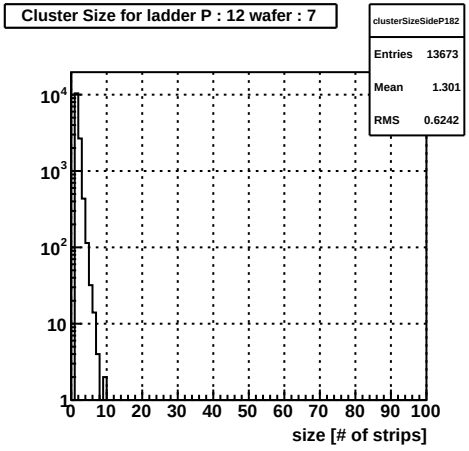

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 13774
Mean 1.446
RMS 0.7396
size [# of strips]

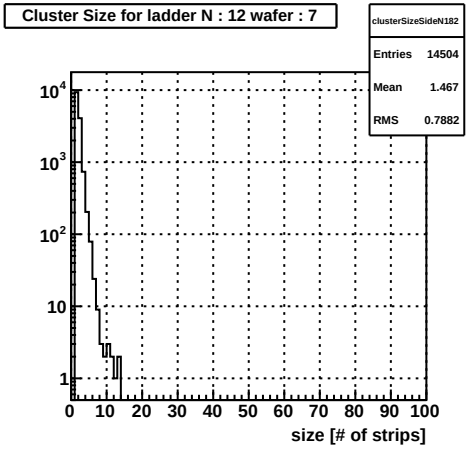

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 21873
Mean 1.424
RMS 0.7988
size [# of strips]

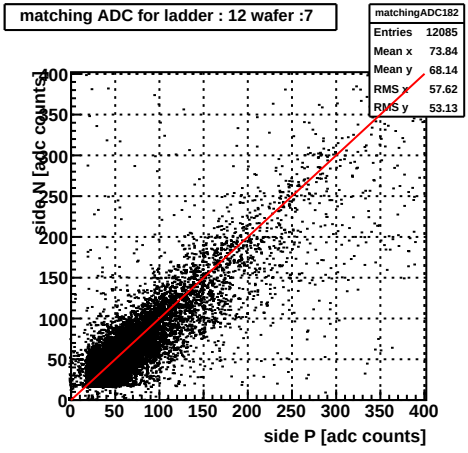

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 12380
Mean x 72.47
Mean y 65.02
RMS x 56.72
RMS y 51.52
side N [adc counts]
side P [adc counts]

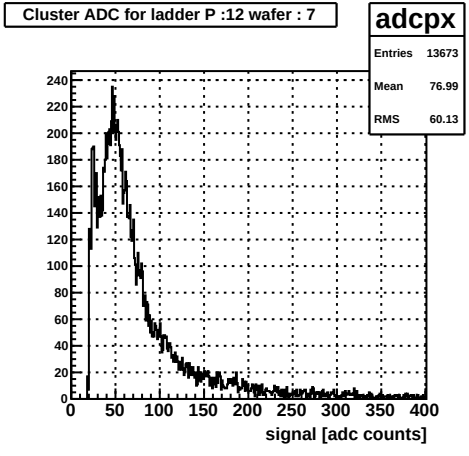

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 13774
Mean 80.07
RMS 60.15
signal [adc counts]

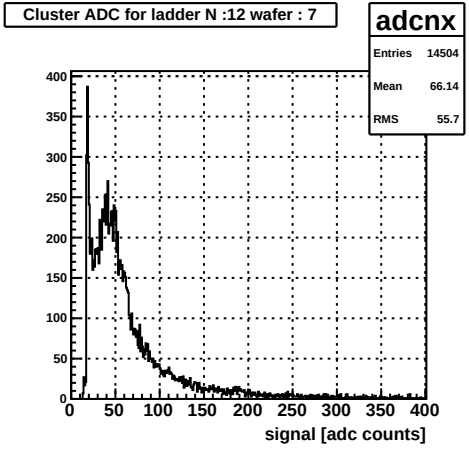

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 21873
Mean 51.38
RMS 48.11
signal [adc counts]

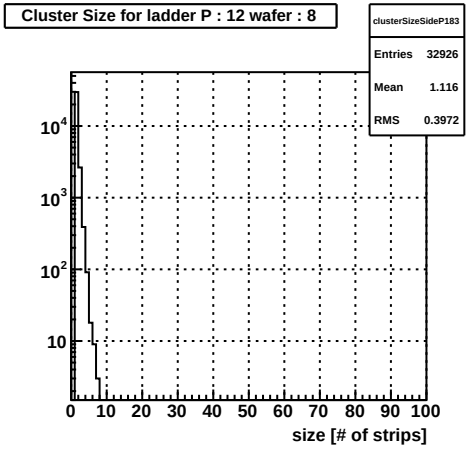

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 13673
Mean 1.301
RMS 0.6242
size [# of strips]

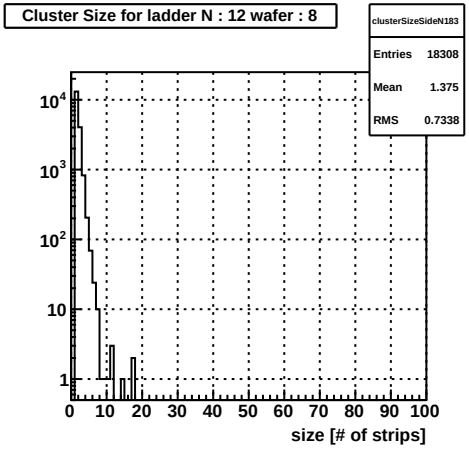

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 14504
Mean 1.467
RMS 0.7882
size [# of strips]

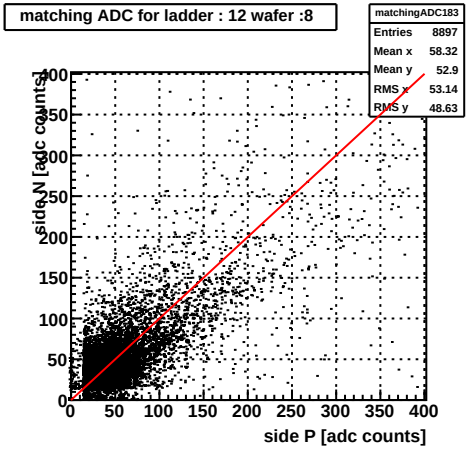

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 12085
Mean x 73.84
Mean y 68.14
RMS x 57.62
RMS y 53.13
side N [adc counts]
side P [adc counts]

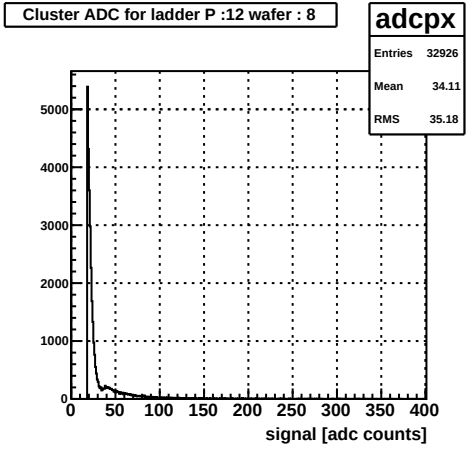

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 13673
Mean 76.99
RMS 60.13
signal [adc counts]

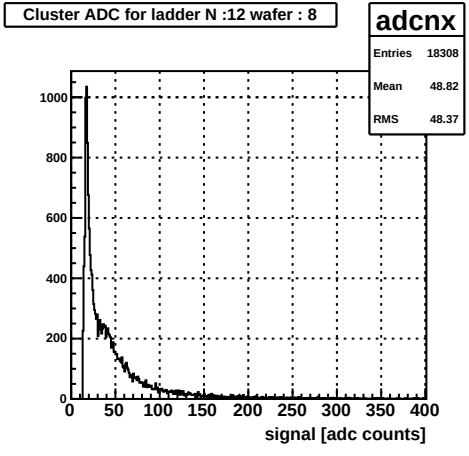

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 14504
Mean 66.14
RMS 55.7
signal [adc counts]

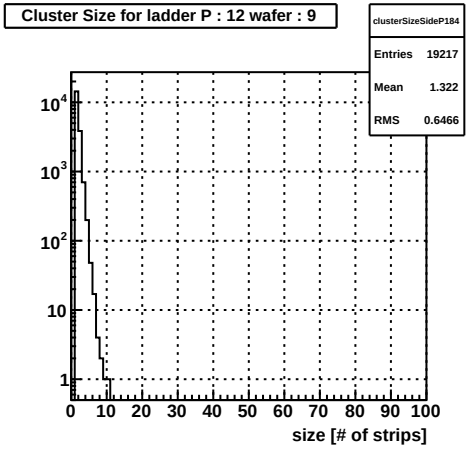

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 32926
Mean 1.116
RMS 0.3972
size [# of strips]

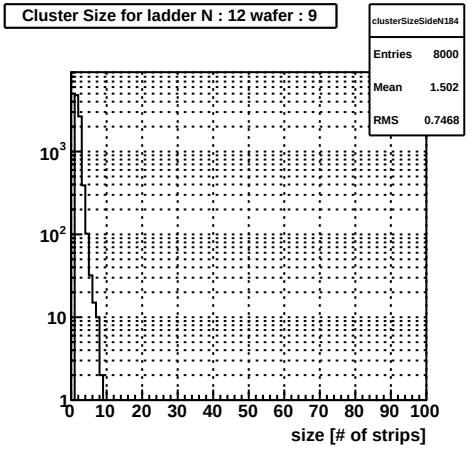

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 18308
Mean 1.375
RMS 0.7338
size [# of strips]

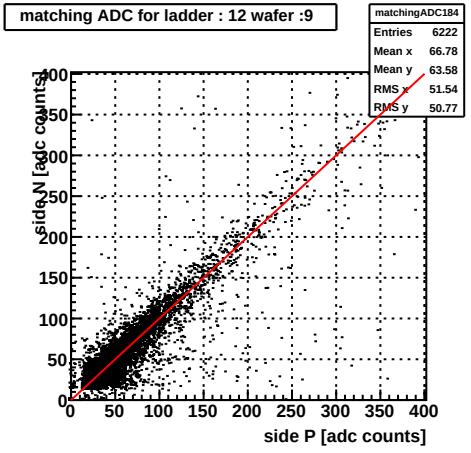

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 8897
Mean x 58.32
Mean y 52.9
RMS x 53.14
RMS y 48.63
side N [adc counts]
side P [adc counts]

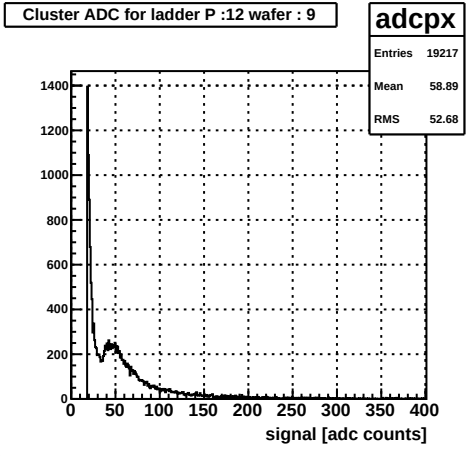

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 32926
Mean 34.11
RMS 35.18
signal [adc counts]

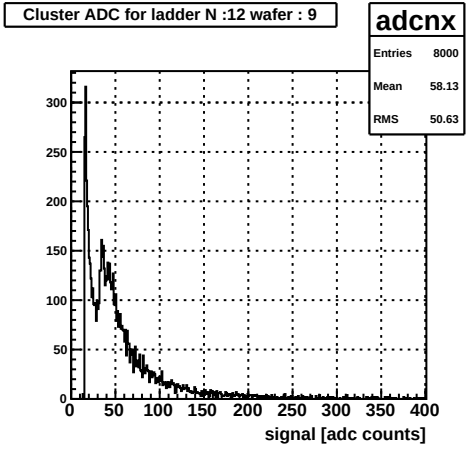

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 18308
Mean 48.82
RMS 48.37
signal [adc counts]

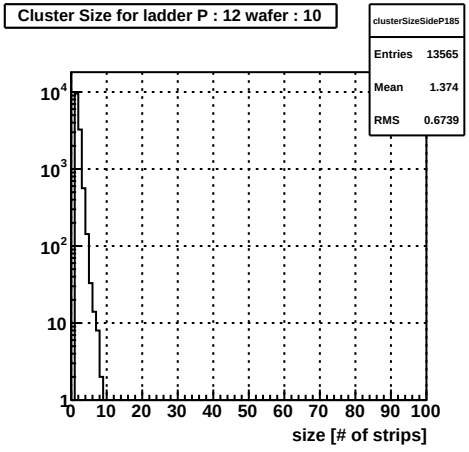

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 19217
Mean 1.322
RMS 0.6466
size [# of strips]

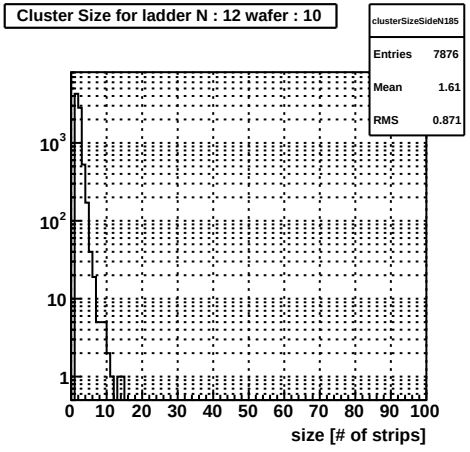

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 8000
Mean 1.502
RMS 0.7468
size [# of strips]

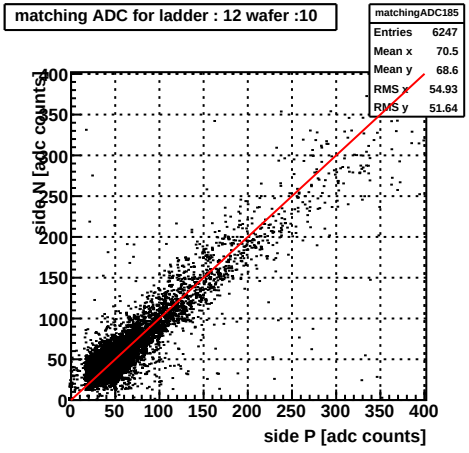

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6222
Mean x 66.78
Mean y 63.58
RMS x 51.54
RMS y 50.77
side N [adc counts]
side P [adc counts]

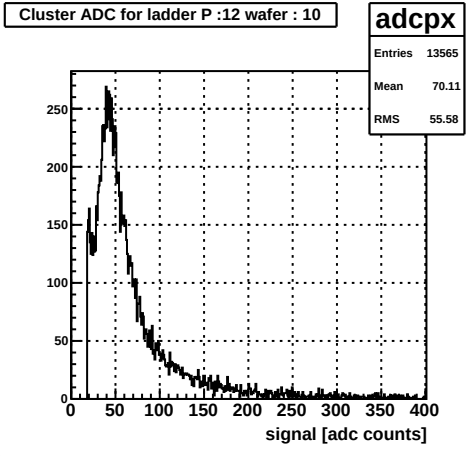

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 19217
Mean 58.89
RMS 52.68
signal [adc counts]

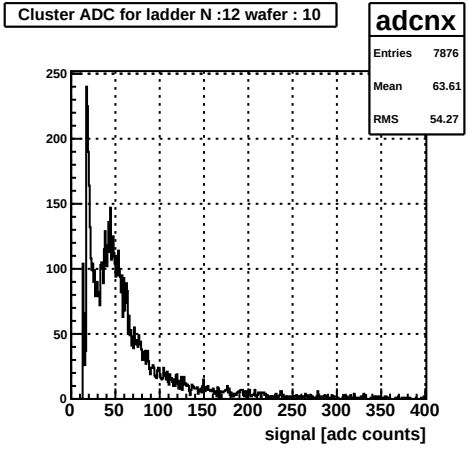

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 8000
Mean 58.13
RMS 50.63
signal [adc counts]

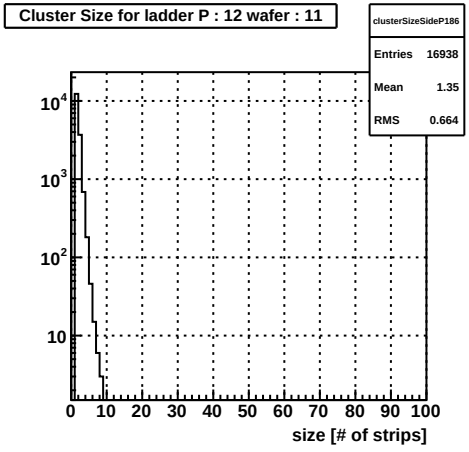

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 13565
Mean 1.374
RMS 0.6739
size [# of strips]

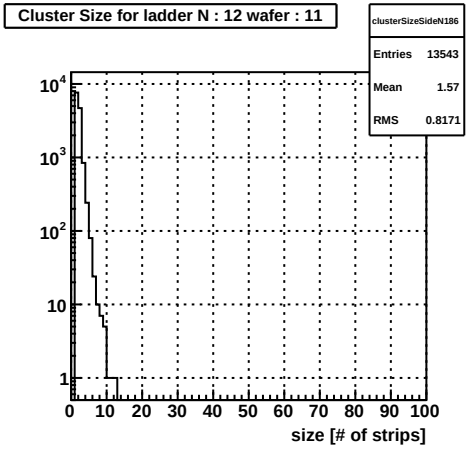

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 7876
Mean 1.61
RMS 0.871
size [# of strips]

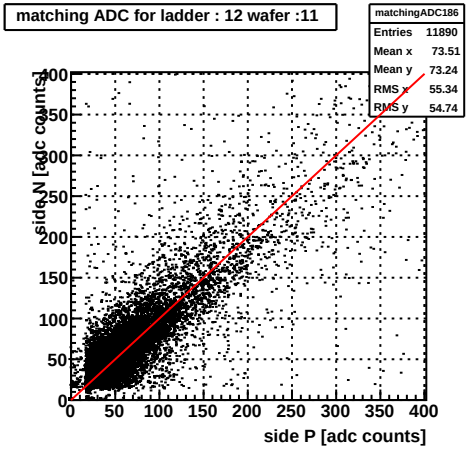

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 6247
Mean x 70.5
Mean y 68.6
RMS x 54.93
RMS y 51.64
side N [adc counts]
side P [adc counts]

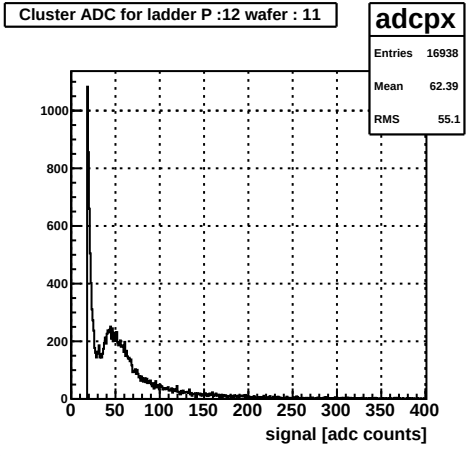

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 13565
Mean 70.11
RMS 55.58
signal [adc counts]

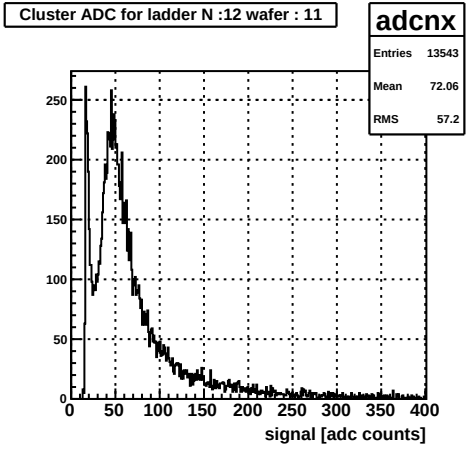

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 7876
Mean 63.61
RMS 54.27
signal [adc counts]

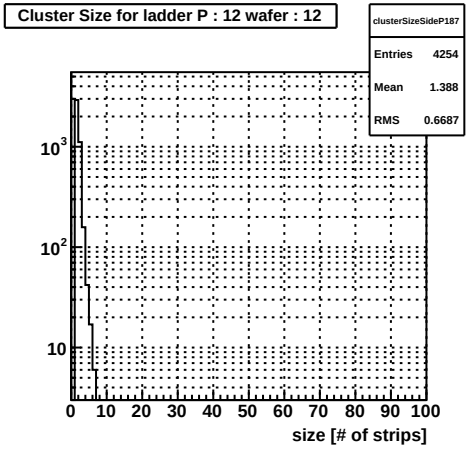

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 16938
Mean 1.35
RMS 0.664
size [# of strips]

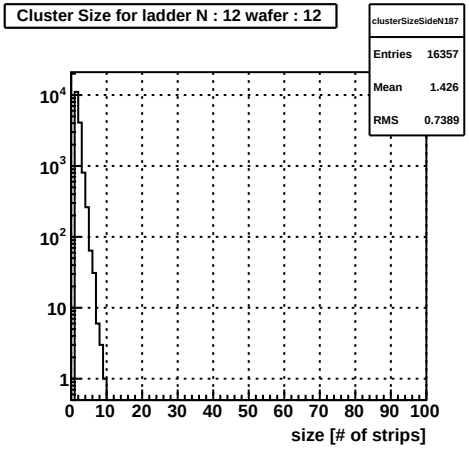

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 13543
Mean 1.57
RMS 0.8171
size [# of strips]

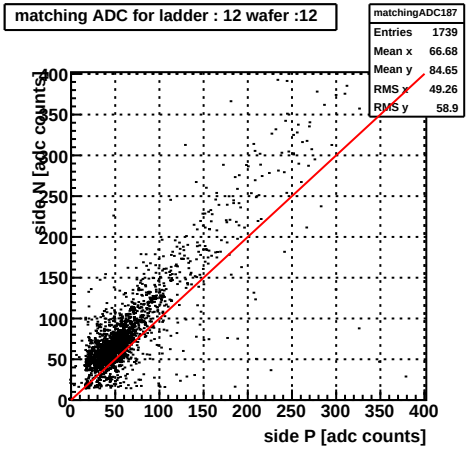

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 11890
Mean x 73.51
Mean y 73.24
RMS x 55.34
RMS y 54.74
side N [adc counts]
side P [adc counts]

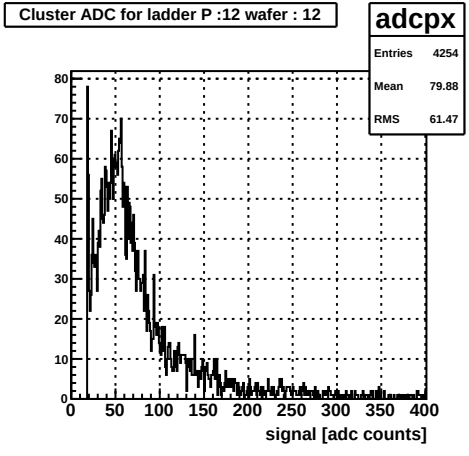

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 16938
Mean 62.39
RMS 55.1
signal [adc counts]

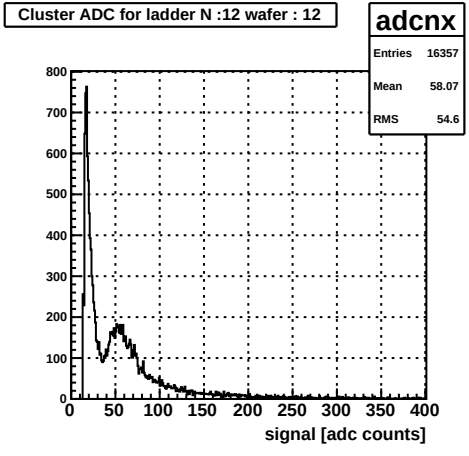

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 13543
Mean 72.06
RMS 57.2
signal [adc counts]

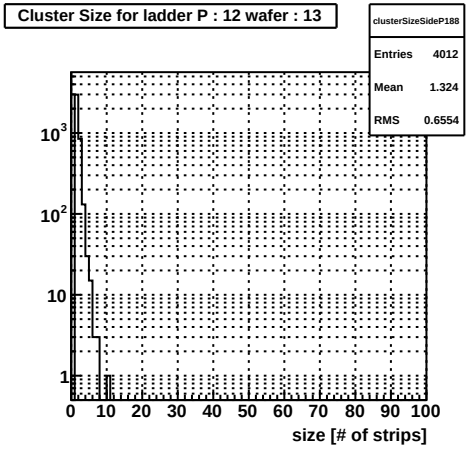

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4254
Mean 1.388
RMS 0.6687
size [# of strips]

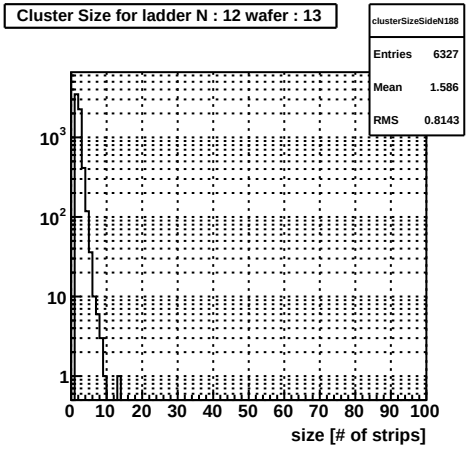

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 16357
Mean 1.426
RMS 0.7389
size [# of strips]

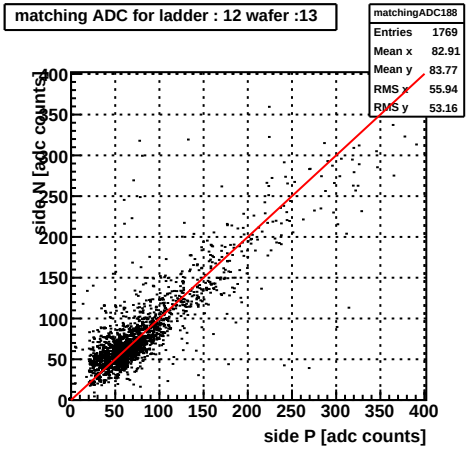

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1739
Mean x 66.68
Mean y 84.65
RMS x 49.26
RMS y 58.9
side N [adc counts]
side P [adc counts]

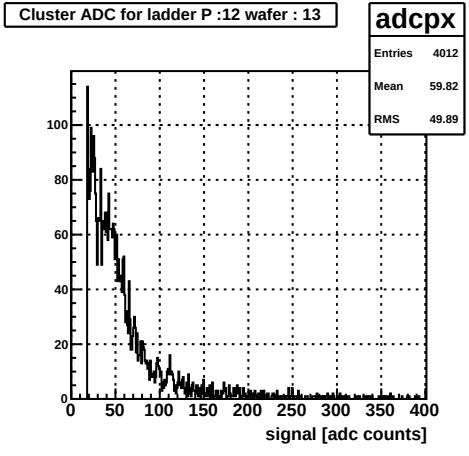

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4254
Mean 79.88
RMS 61.47
signal [adc counts]

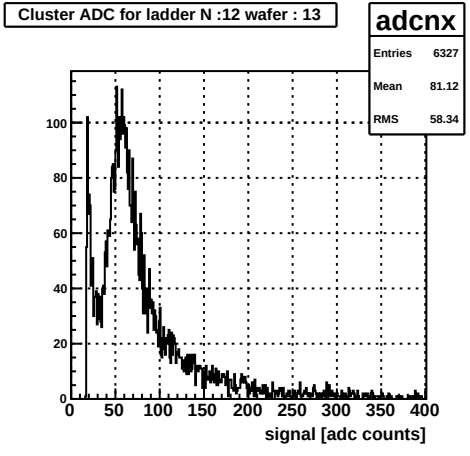

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 16357
Mean 58.07
RMS 54.6
signal [adc counts]

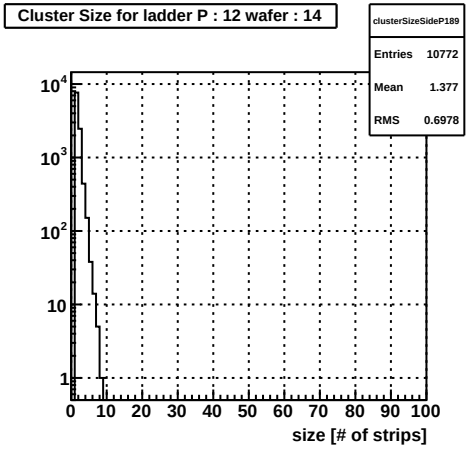

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 4012
Mean 1.324
RMS 0.6554
size [# of strips]

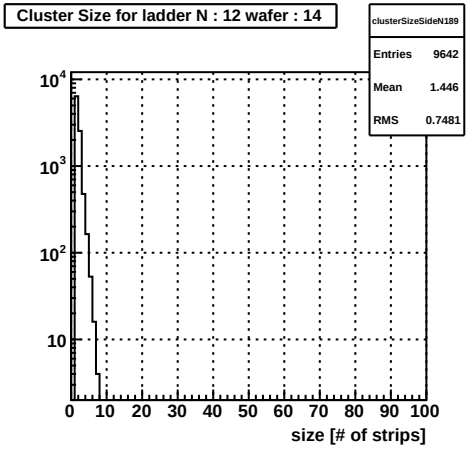

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 6327
Mean 1.586
RMS 0.8143
size [# of strips]

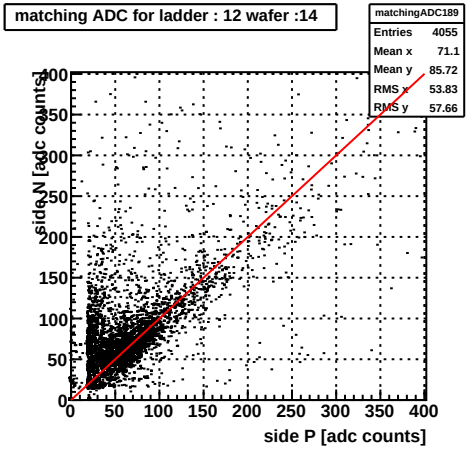

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1769
Mean x 82.91
Mean y 83.77
RMS x 55.94
RMS y 53.16
side N [adc counts]
side P [adc counts]

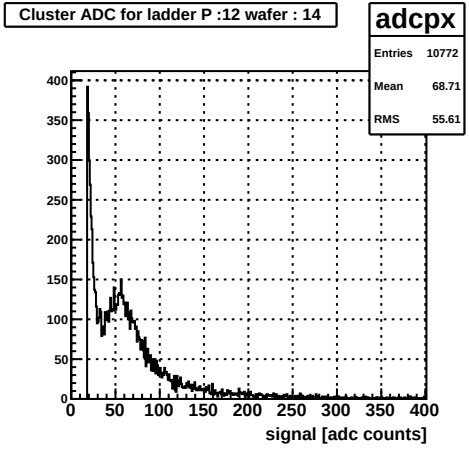

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 4012
Mean 59.82
RMS 49.89
signal [adc counts]

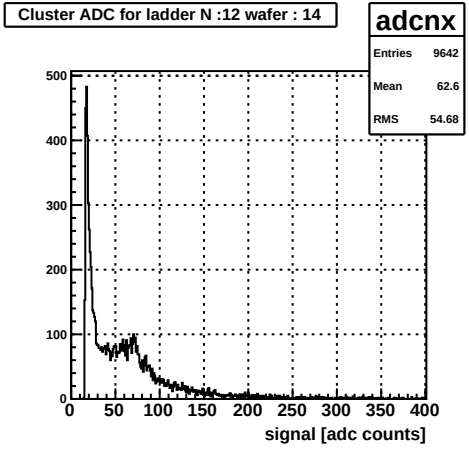

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 6327
Mean 81.12
RMS 58.34
signal [adc counts]

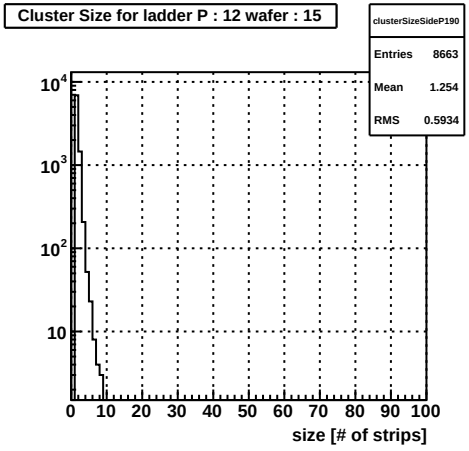

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 10772
Mean 1.377
RMS 0.6978
size [# of strips]

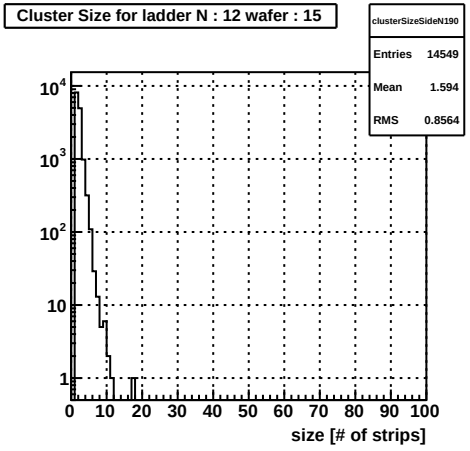

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 9642
Mean 1.446
RMS 0.7481
size [# of strips]

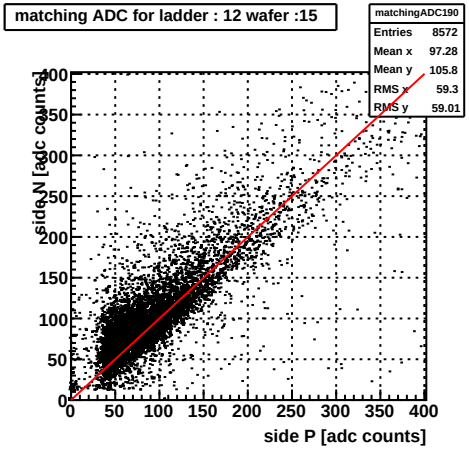

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 4055
Mean x 71.1
Mean y 85.72
RMS x 53.83
RMS y 57.66
side N [adc counts]
side P [adc counts]

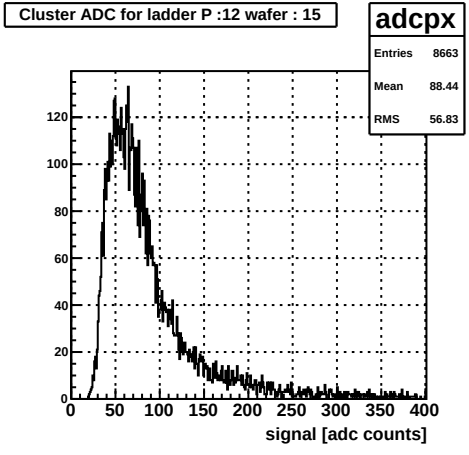

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 10772
Mean 68.71
RMS 55.61
signal [adc counts]

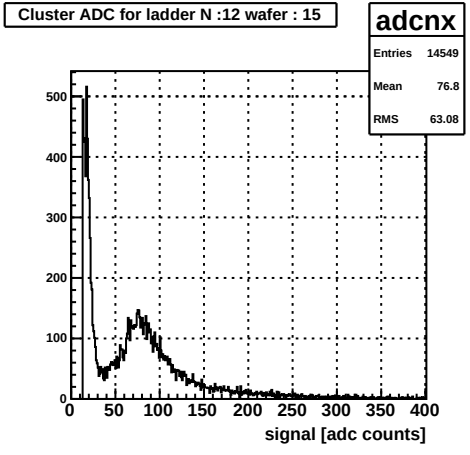

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 9642
Mean 62.6
RMS 54.68
signal [adc counts]

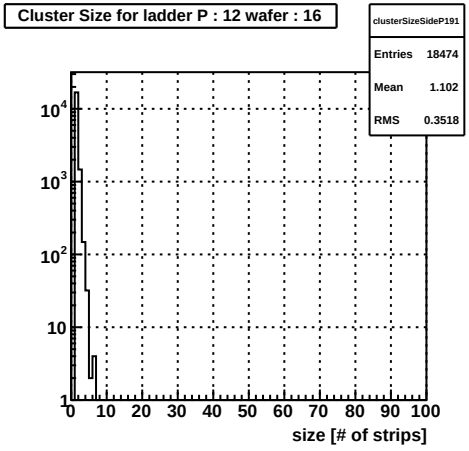

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 8663
Mean 1.254
RMS 0.5934
size [# of strips]

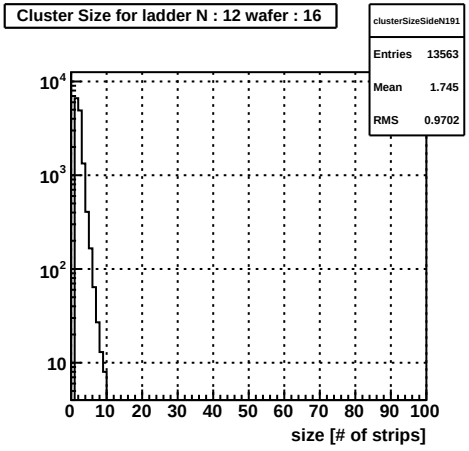

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 14549
Mean 1.594
RMS 0.8564
size [# of strips]

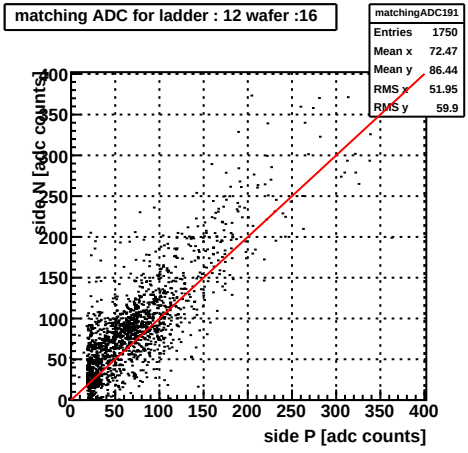

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 8572
Mean x 97.28
Mean y 105.8
RMS x 59.3
RMS y 59.01
side N [adc counts]
side P [adc counts]

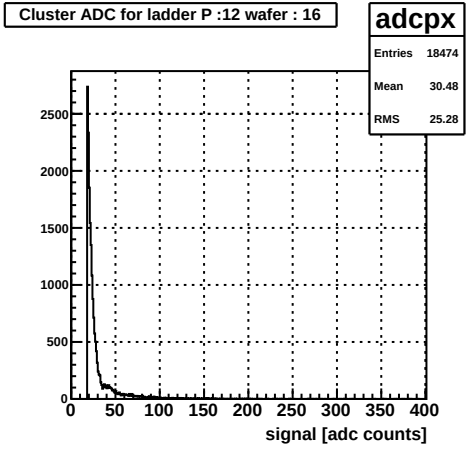

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 8663
Mean 88.44
RMS 56.83
signal [adc counts]

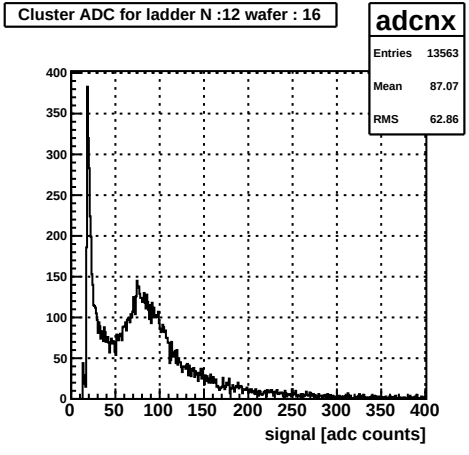

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 14549
Mean 76.8
RMS 63.08
signal [adc counts]

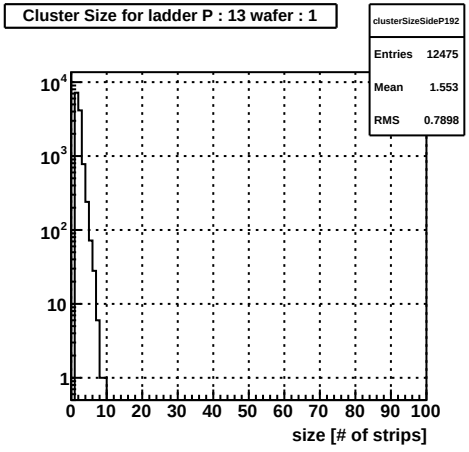

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 18474
Mean 1.102
RMS 0.3518
size [# of strips]

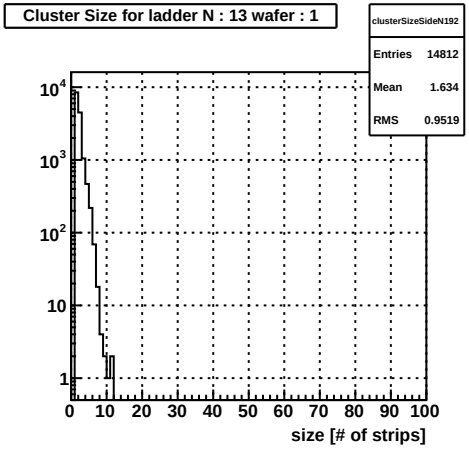

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 13563
Mean 1.745
RMS 0.9702
size [# of strips]

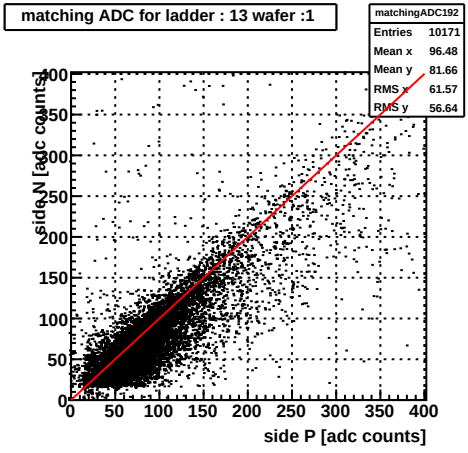

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1750
Mean x 72.47
Mean y 86.44
RMS x 51.95
RMS y 59.9
side N [adc counts]
side P [adc counts]

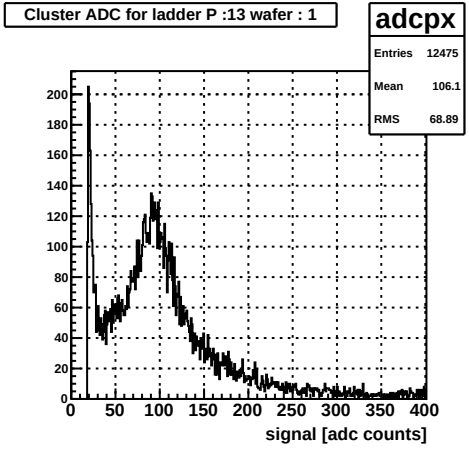

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 18474
Mean 30.48
RMS 25.28
signal [adc counts]

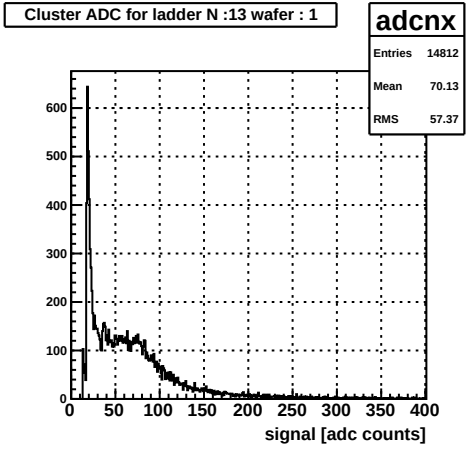

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 13563
Mean 87.07
RMS 62.86
signal [adc counts]

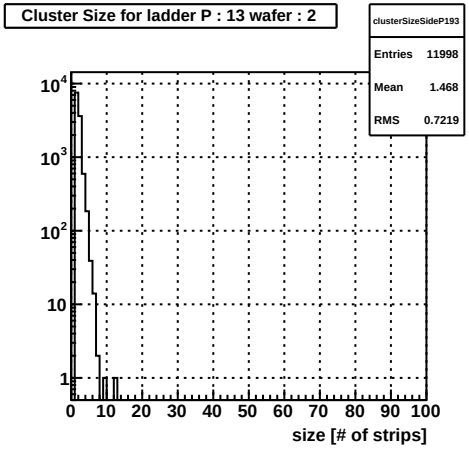

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 12475
Mean 1.553
RMS 0.7898
size [# of strips]

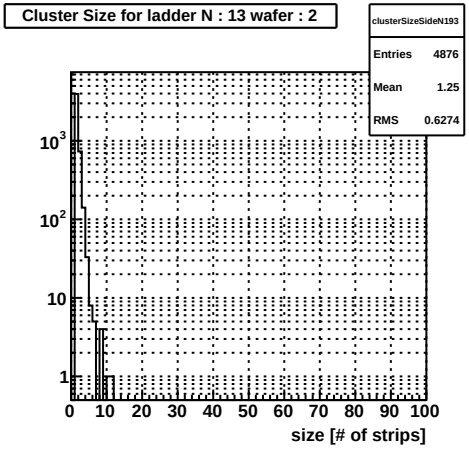

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 14812
Mean 1.634
RMS 0.9519
size [# of strips]

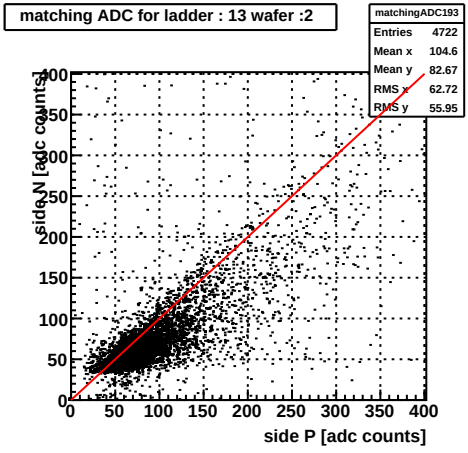

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 10171
Mean x 96.48
Mean y 81.66
RMS x 61.57
RMS y 56.64
side N [adc counts]
side P [adc counts]

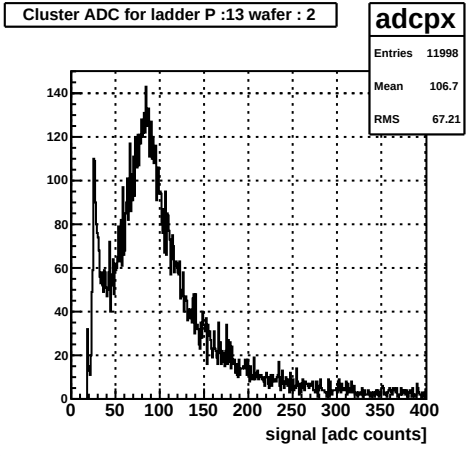

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 12475
Mean 106.1
RMS 68.89
signal [adc counts]

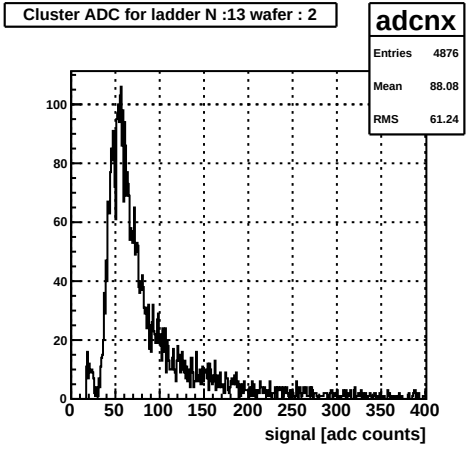

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 14812
Mean 70.13
RMS 57.37
signal [adc counts]

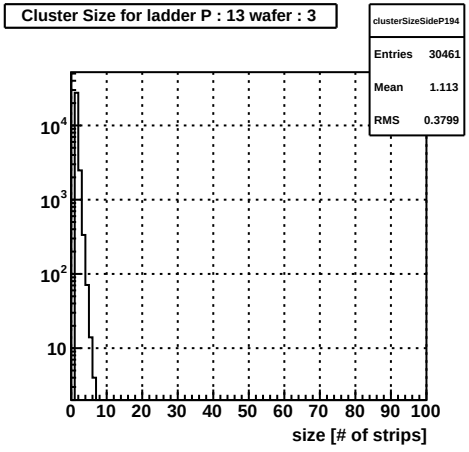

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 11998
Mean 1.468
RMS 0.7219
size [# of strips]

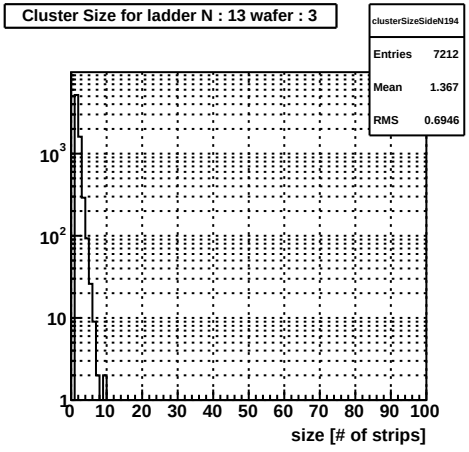

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4876
Mean 1.25
RMS 0.6274
size [# of strips]

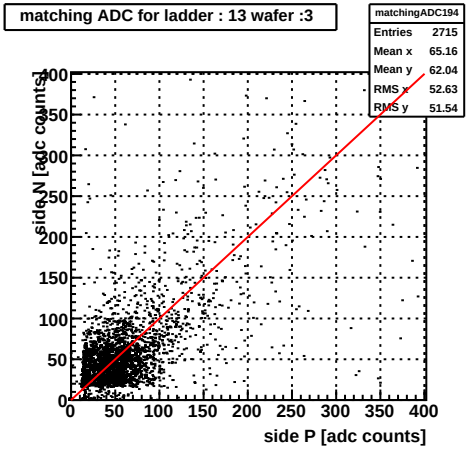

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 4722
Mean x 104.6
Mean y 82.67
RMS x 62.72
RMS y 55.95
side N [adc counts]
side P [adc counts]

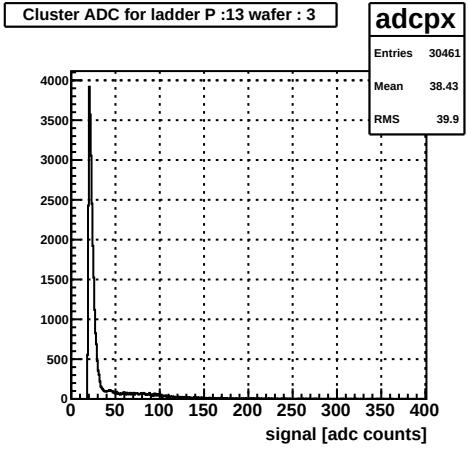

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 11998
Mean 106.7
RMS 67.21
signal [adc counts]

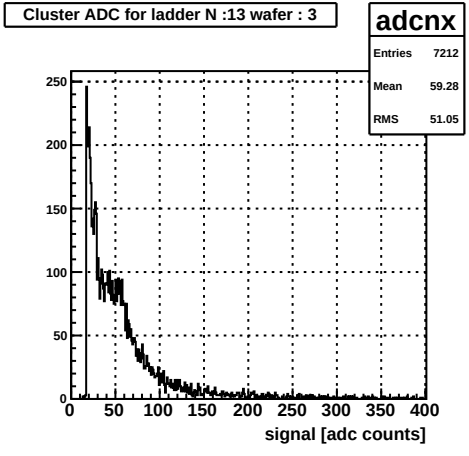

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4876
Mean 88.08
RMS 61.24
signal [adc counts]

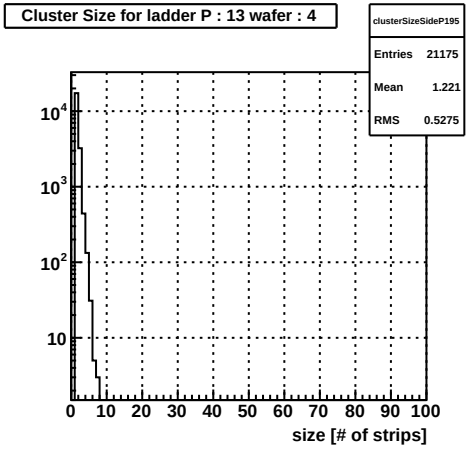

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 30461
Mean 1.113
RMS 0.3799
size [# of strips]

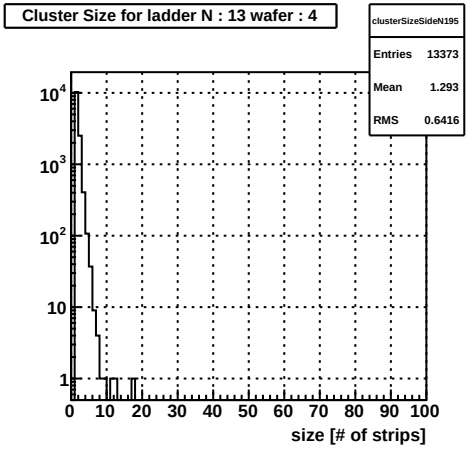

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 7212
Mean 1.367
RMS 0.6946
size [# of strips]

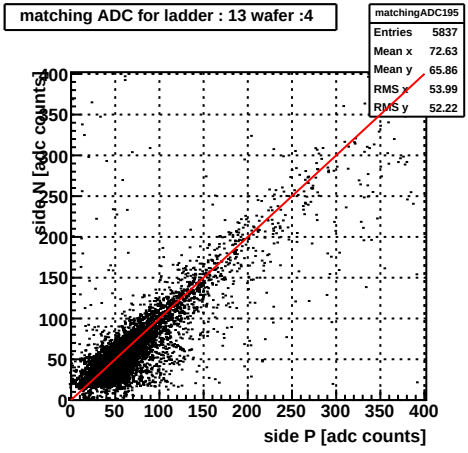

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 2715
Mean x 65.16
Mean y 62.04
RMS x 52.63
RMS y 51.54
side N [adc counts]
side P [adc counts]

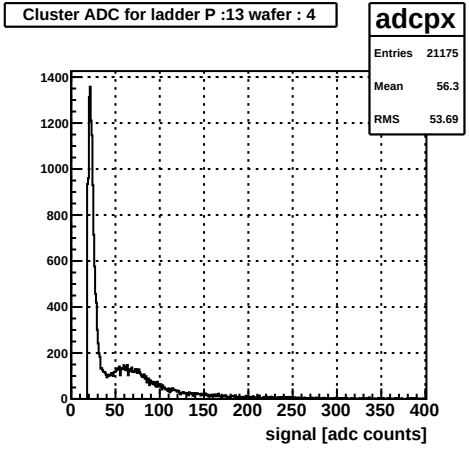

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 30461
Mean 38.43
RMS 39.9
signal [adc counts]

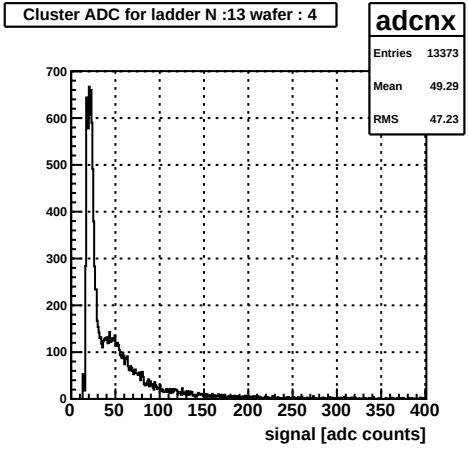

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 7212
Mean 59.28
RMS 51.05
signal [adc counts]

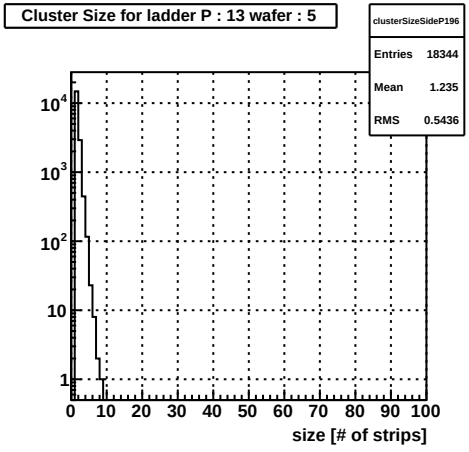

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 21175
Mean 1.221
RMS 0.5275
size [# of strips]

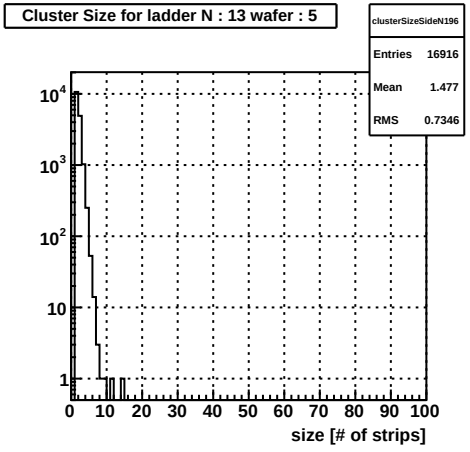

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 13373
Mean 1.293
RMS 0.6416
size [# of strips]

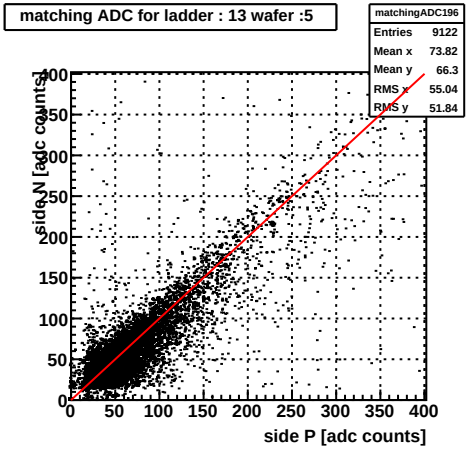

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 5837
Mean x 72.63
Mean y 65.86
RMS x 53.99
RMS y 52.22
side N [adc counts]
side P [adc counts]

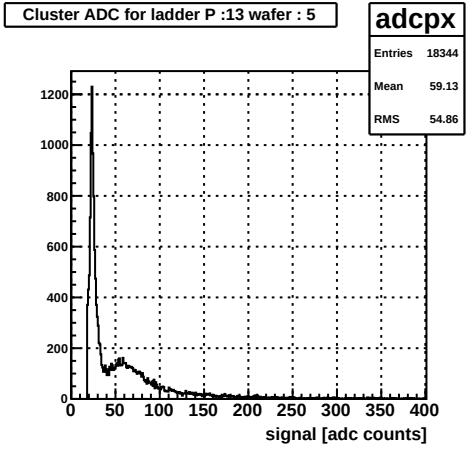

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 21175
Mean 56.3
RMS 53.69
signal [adc counts]

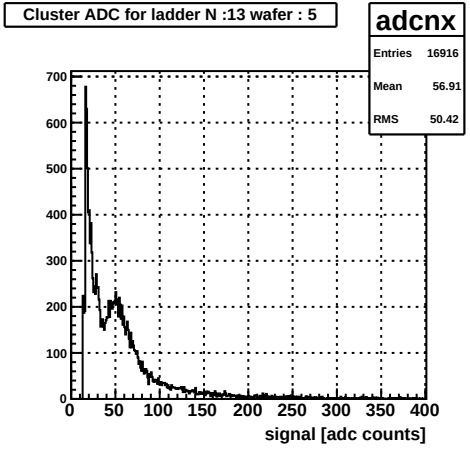

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 13373
Mean 49.29
RMS 47.23
signal [adc counts]

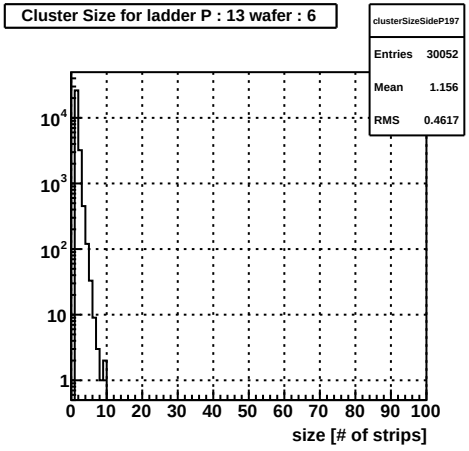

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 18344
Mean 1.235
RMS 0.5436
size [# of strips]

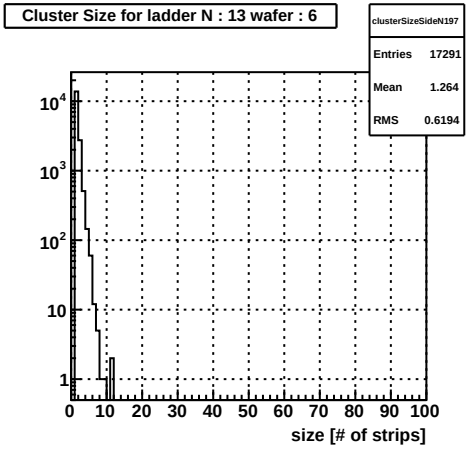

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 16916
Mean 1.477
RMS 0.7346
size [# of strips]

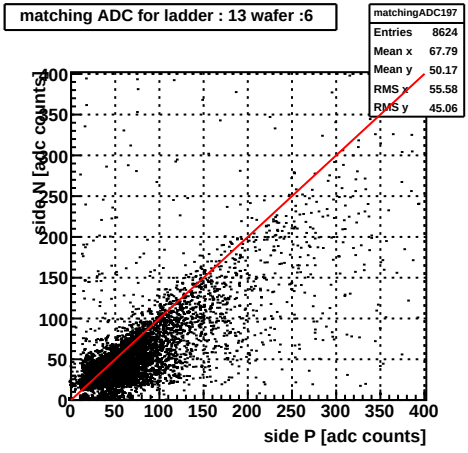

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 9122
Mean x 73.82
Mean y 66.3
RMS x 55.04
RMS y 51.84
side N [adc counts]
side P [adc counts]

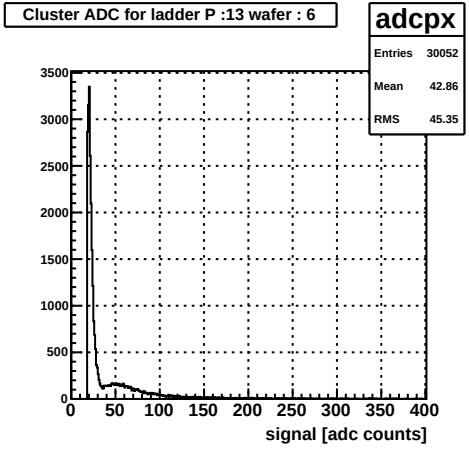

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 18344
Mean 59.13
RMS 54.86
signal [adc counts]

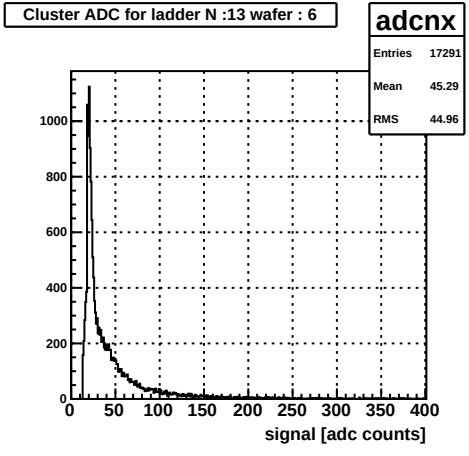

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 16916
Mean 56.91
RMS 50.42
signal [adc counts]

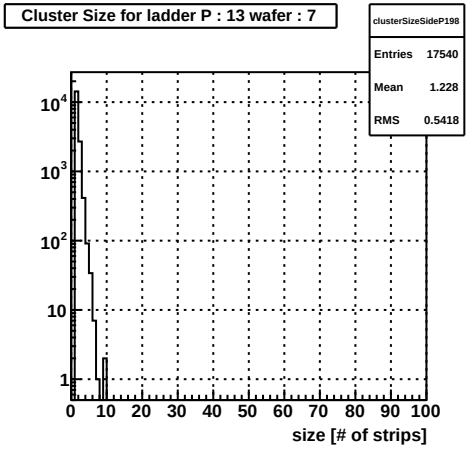

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 30052
Mean 1.156
RMS 0.4617
size [# of strips]

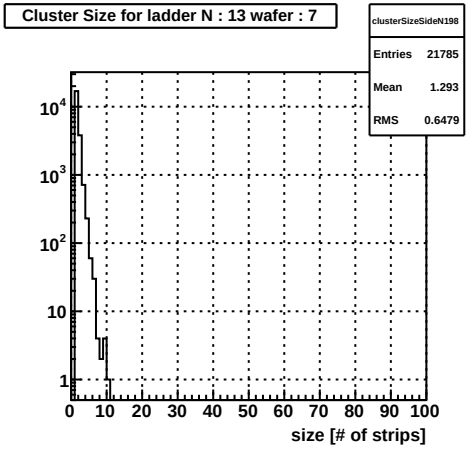

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 17291
Mean 1.264
RMS 0.6194
size [# of strips]

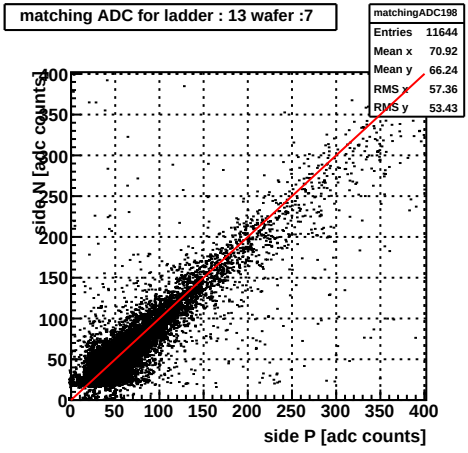

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 8624
Mean x 67.79
Mean y 50.17
RMS x 55.58
RMS y 45.06
side N [adc counts]
side P [adc counts]

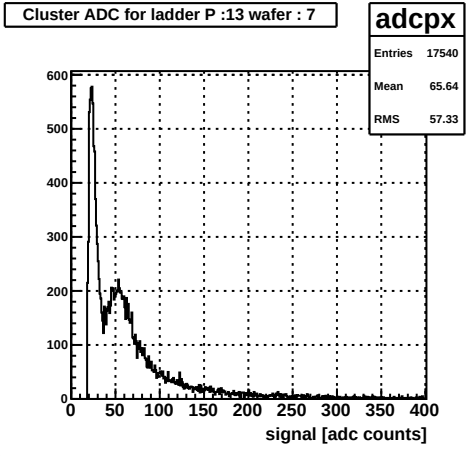

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 30052
Mean 42.86
RMS 45.35
signal [adc counts]

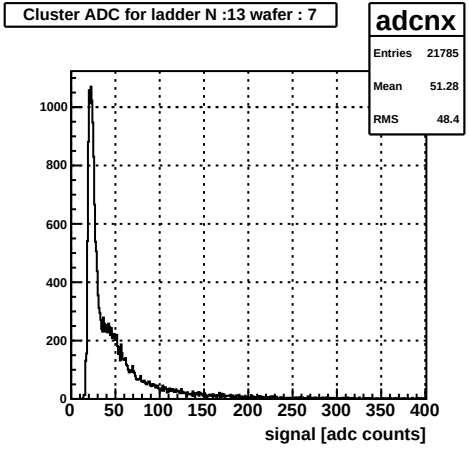

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 17291
Mean 45.29
RMS 44.96
signal [adc counts]

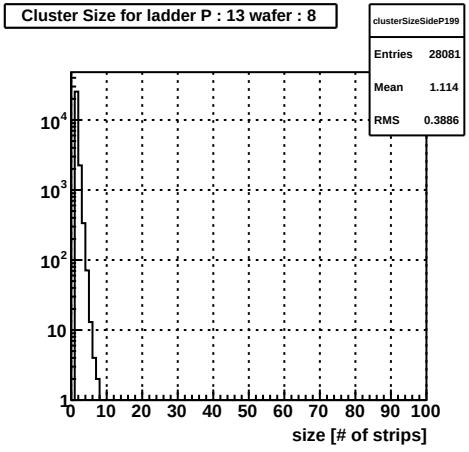

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 17540
Mean 1.228
RMS 0.5418
size [# of strips]

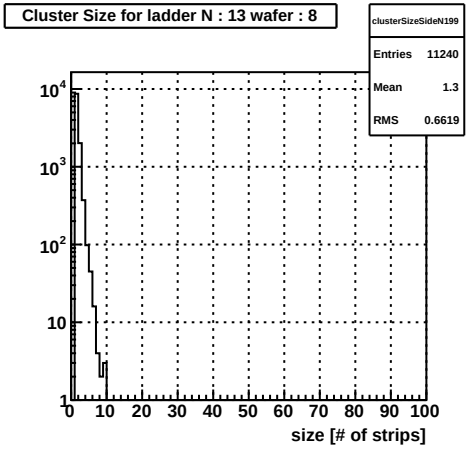

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 21785
Mean 1.293
RMS 0.6479
size [# of strips]

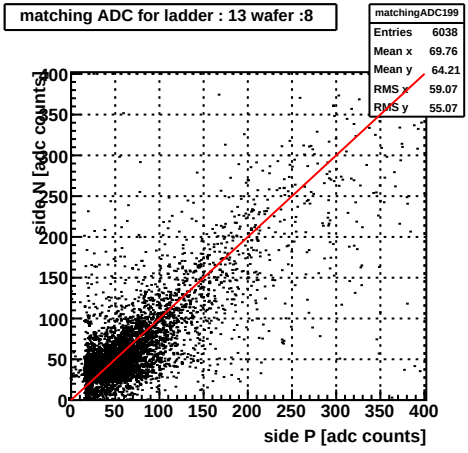

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 11644
Mean x 70.92
Mean y 66.24
RMS x 57.36
RMS y 53.43
side N [adc counts]
side P [adc counts]

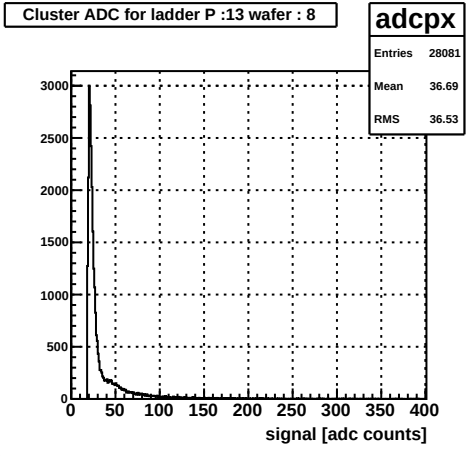

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 17540
Mean 65.64
RMS 57.33
signal [adc counts]

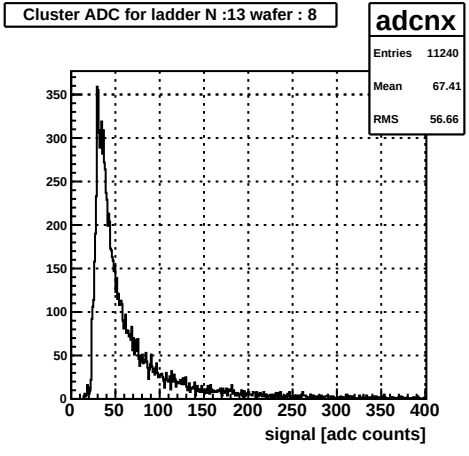

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 21785
Mean 51.28
RMS 48.4
signal [adc counts]

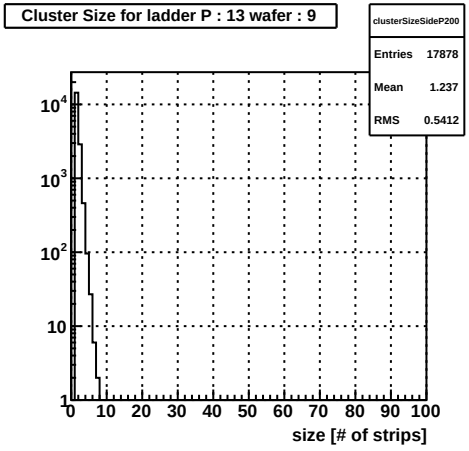

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 28081
Mean 1.114
RMS 0.3886
size [# of strips]

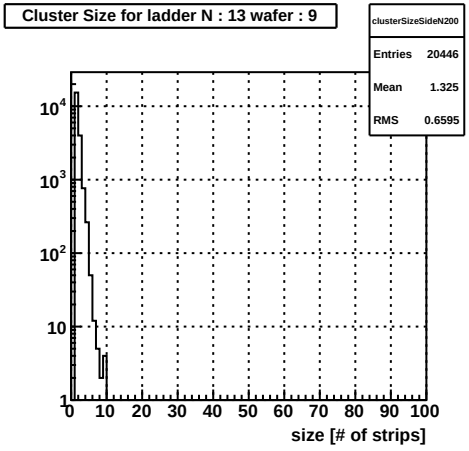

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 11240
Mean 1.3
RMS 0.6619
size [# of strips]

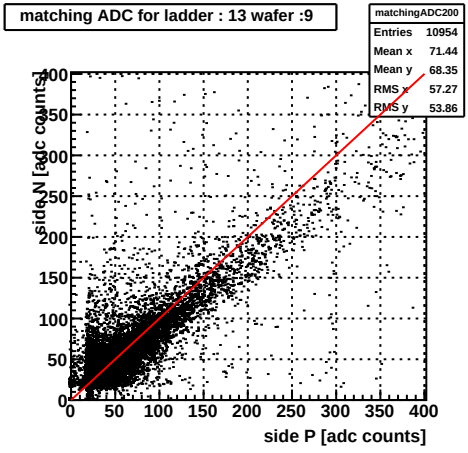

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 6038
Mean x 69.76
Mean y 64.21
RMS x 59.07
RMS y 55.07
side N [adc counts]
side P [adc counts]

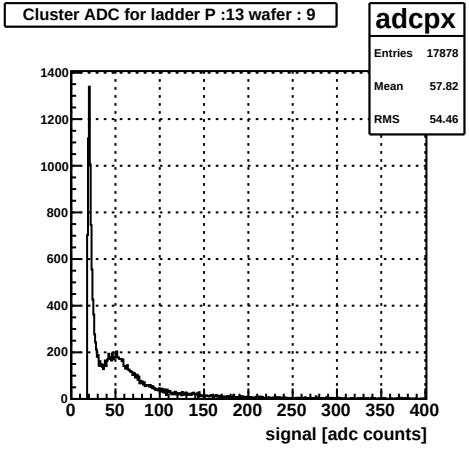

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 28081
Mean 36.69
RMS 36.53
signal [adc counts]

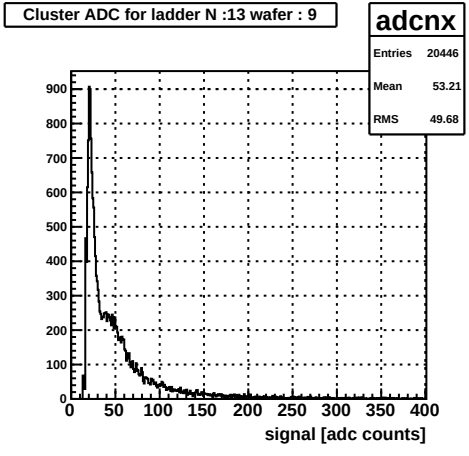

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 11240
Mean 67.41
RMS 56.66
signal [adc counts]

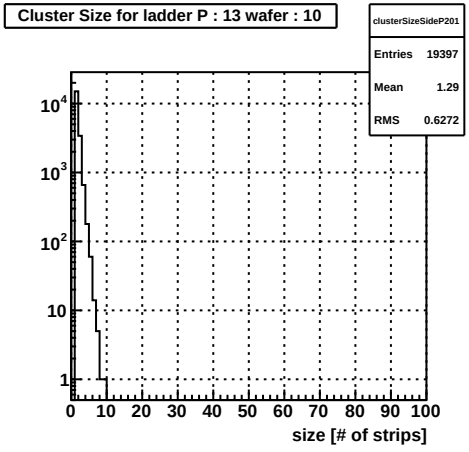

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 17878
Mean 1.237
RMS 0.5412
size [# of strips]

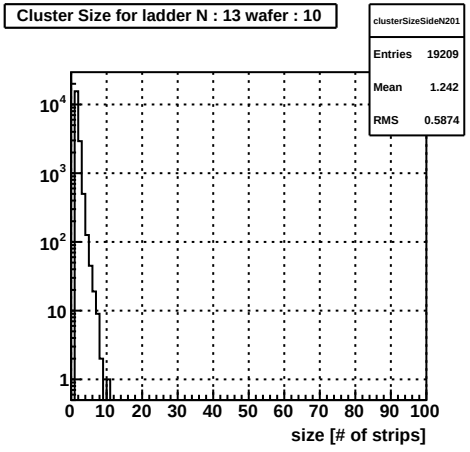

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 20446
Mean 1.325
RMS 0.6595
size [# of strips]

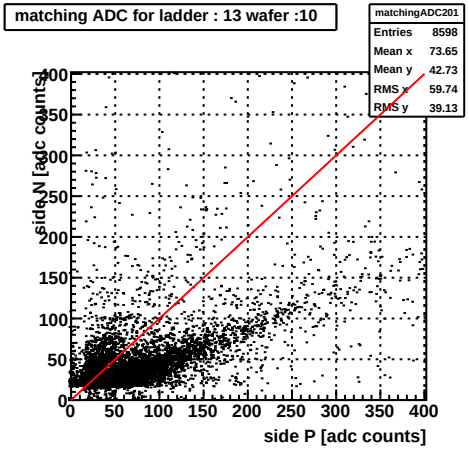

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 10954
Mean x 71.44
Mean y 68.35
RMS x 57.27
RMS y 53.86
side N [adc counts]
side P [adc counts]

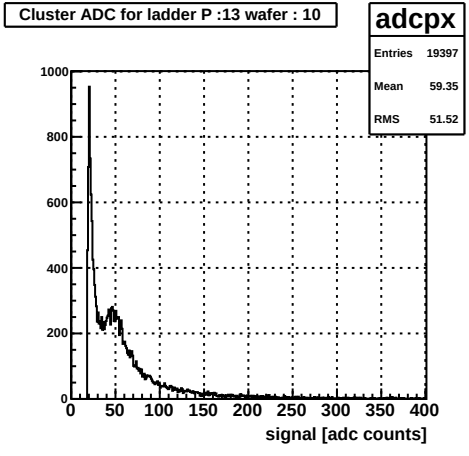

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 17878
Mean 57.82
RMS 54.46
signal [adc counts]

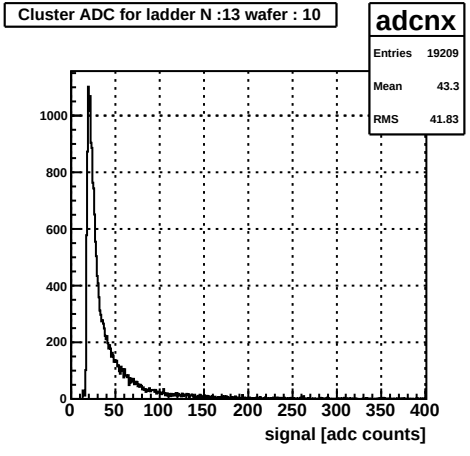

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 20446
Mean 53.21
RMS 49.68
signal [adc counts]

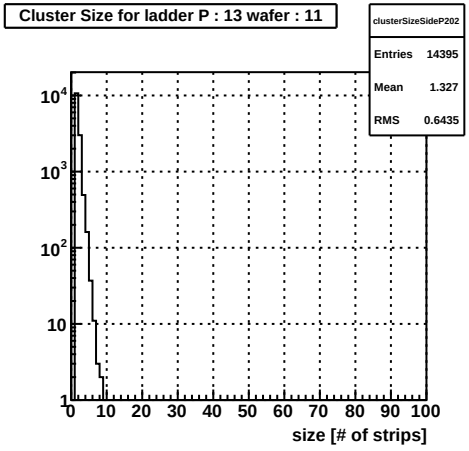

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 19397
Mean 1.29
RMS 0.6272
size [# of strips]

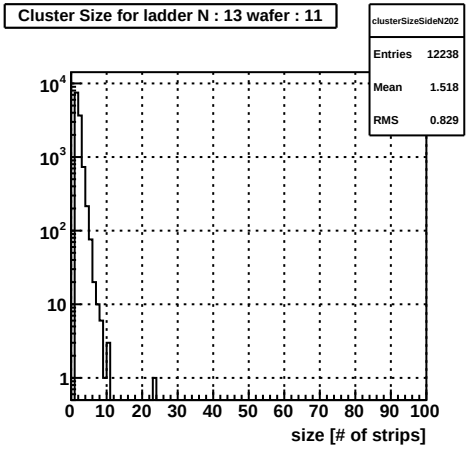

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 19209
Mean 1.242
RMS 0.5874
size [# of strips]

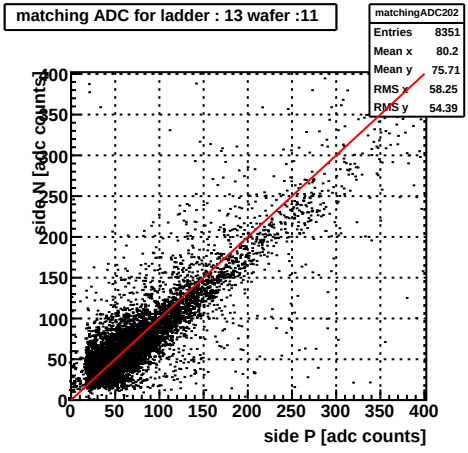

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 8598
Mean x 73.65
Mean y 42.73
RMS x 59.74
RMS y 39.13
side N [adc counts]
side P [adc counts]

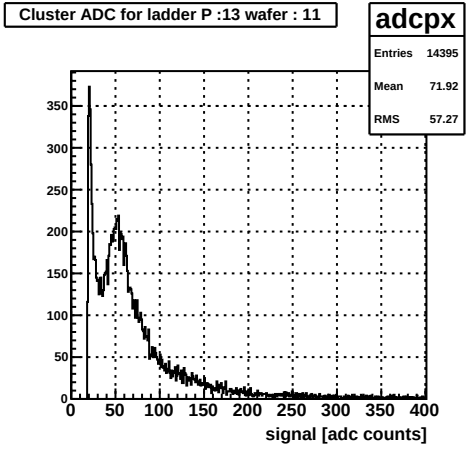

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 19397
Mean 59.35
RMS 51.52
signal [adc counts]

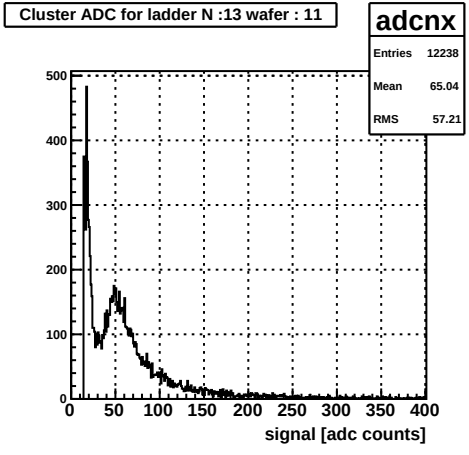

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 19209
Mean 43.3
RMS 41.83
signal [adc counts]

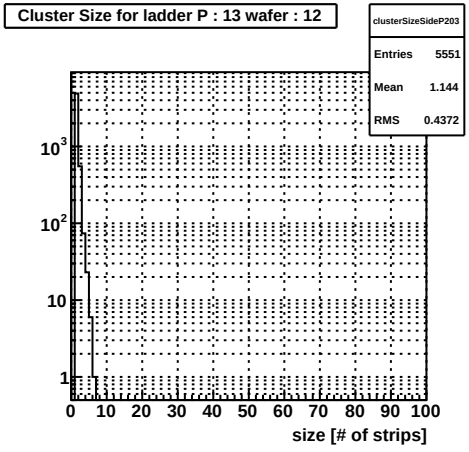

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 14395
Mean 1.327
RMS 0.6435
size [# of strips]

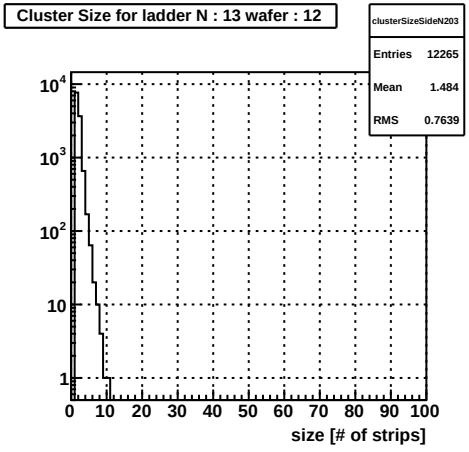

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 12238
Mean 1.518
RMS 0.829
size [# of strips]

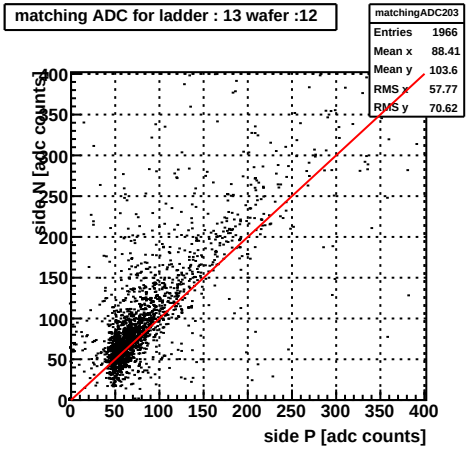

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 8351
Mean x 80.2
Mean y 75.71
RMS x 58.25
RMS y 54.39
side N [adc counts]
side P [adc counts]

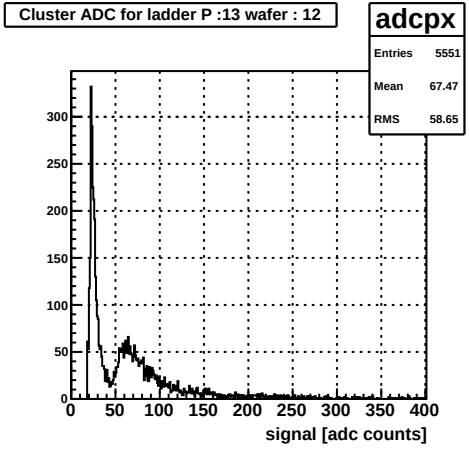

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 14395
Mean 71.92
RMS 57.27
signal [adc counts]

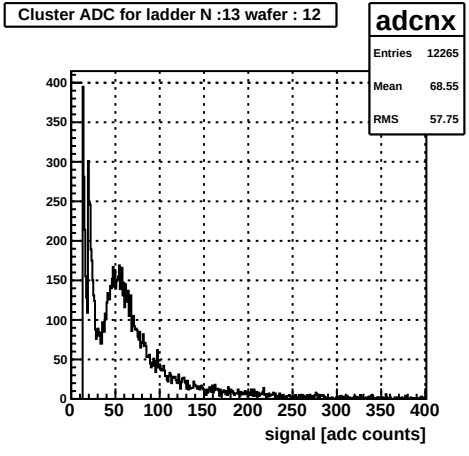

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 12238
Mean 65.04
RMS 57.21
signal [adc counts]

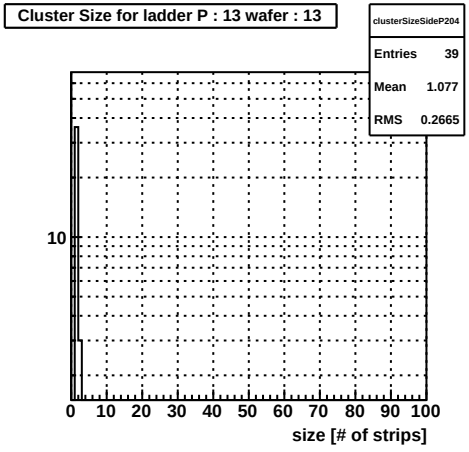

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 5551
Mean 1.144
RMS 0.4372
size [# of strips]

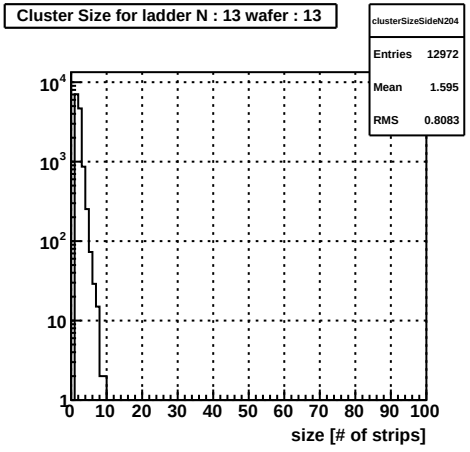

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 12265
Mean 1.484
RMS 0.7639
size [# of strips]

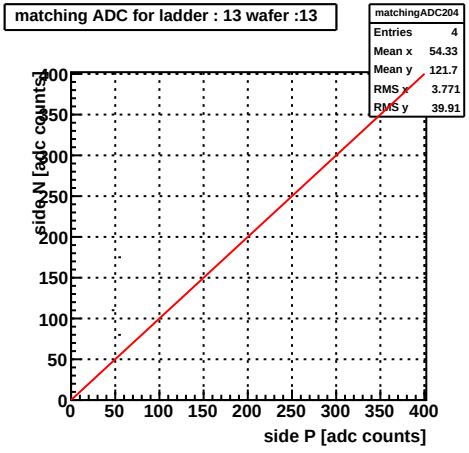

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1966
Mean x 88.41
Mean y 103.6
RMS x 57.77
RMS y 70.62
side N [adc counts]
side P [adc counts]

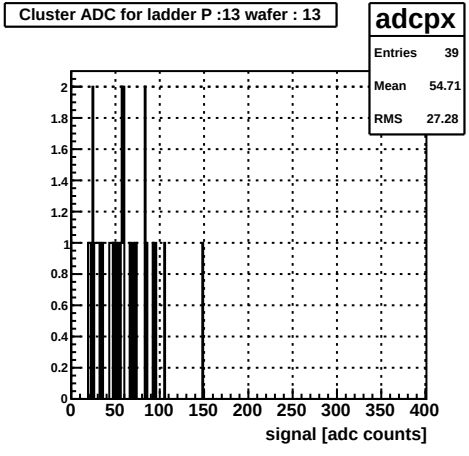

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 5551
Mean 67.47
RMS 58.65
signal [adc counts]

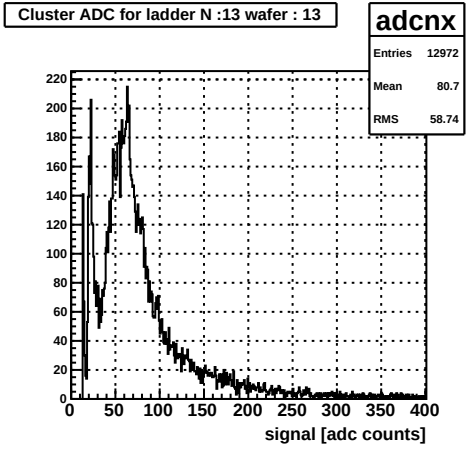

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 12265
Mean 68.55
RMS 57.75
signal [adc counts]

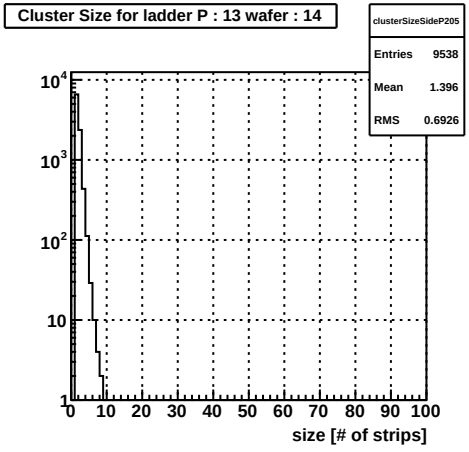

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 39
Mean 1.077
RMS 0.2665
size [# of strips]

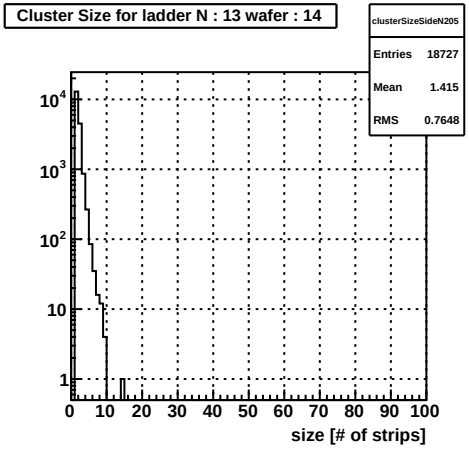

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 12972
Mean 1.595
RMS 0.8083
size [# of strips]

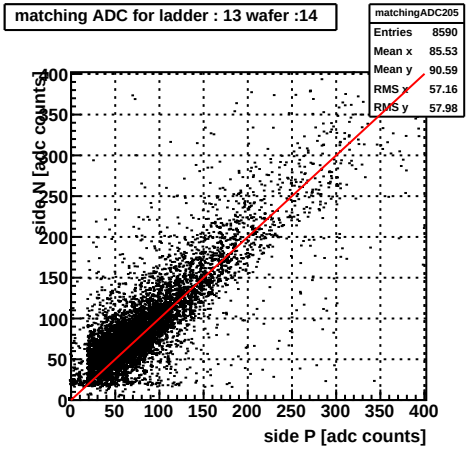

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 4
Mean x 54.33
Mean y 121.7
RMS x 3.771
RMS y 39.91
side N [adc counts]
side P [adc counts]

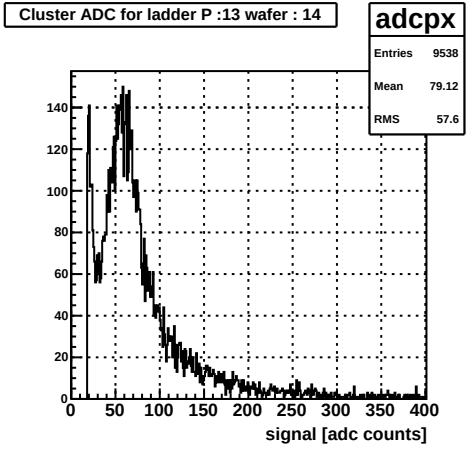

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 39
Mean 54.71
RMS 27.28
signal [adc counts]

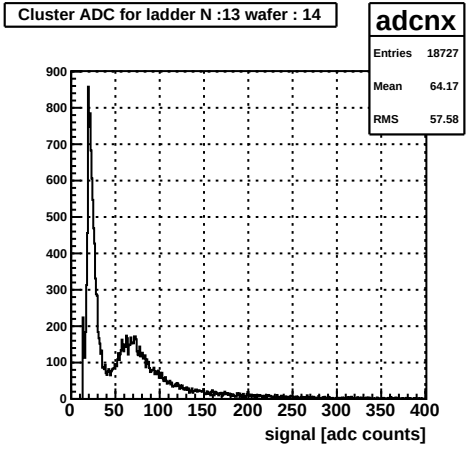

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 12972
Mean 80.7
RMS 58.74
signal [adc counts]

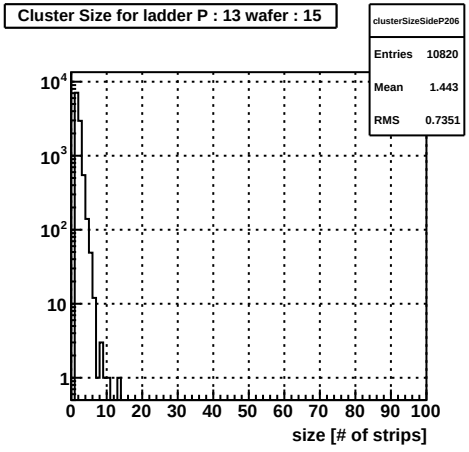

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 9538
Mean 1.396
RMS 0.6926
size [# of strips]

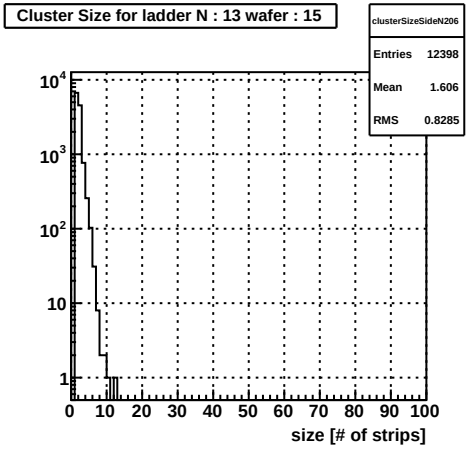

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 18727
Mean 1.415
RMS 0.7648
size [# of strips]

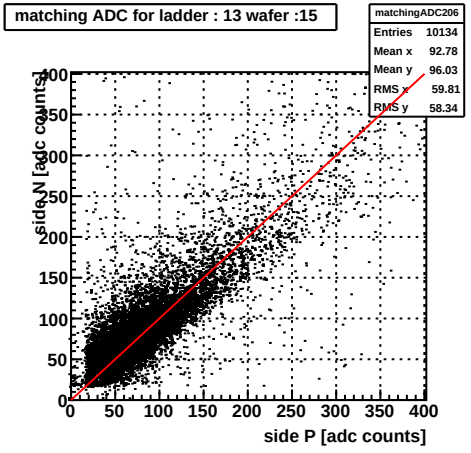

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 8590
Mean x 85.53
Mean y 90.59
RMS x 57.16
RMS y 57.98
side N [adc counts]
side P [adc counts]

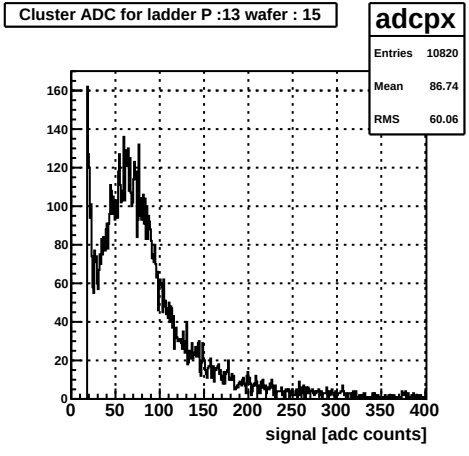

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 9538
Mean 79.12
RMS 57.6
signal [adc counts]

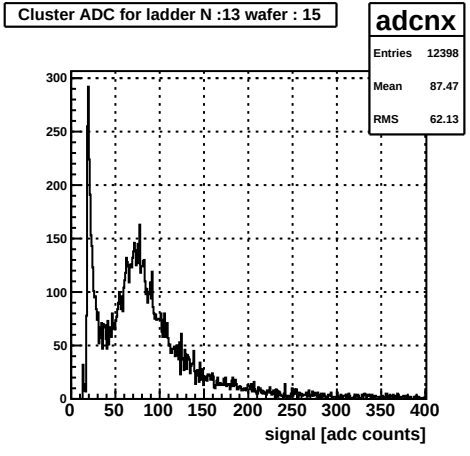

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 18727
Mean 64.17
RMS 57.58
signal [adc counts]

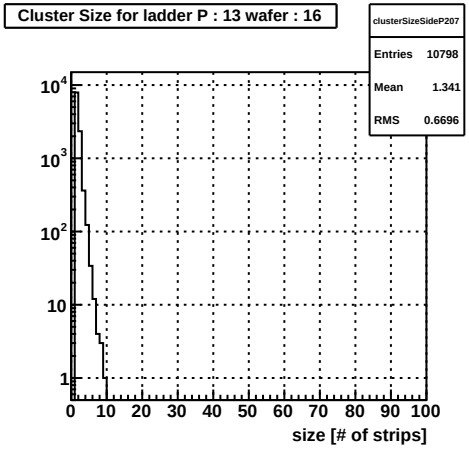

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 10820
Mean 1.443
RMS 0.7351
size [# of strips]

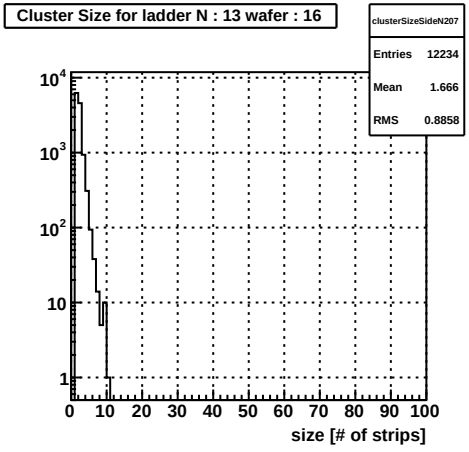

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 12398
Mean 1.606
RMS 0.8285
size [# of strips]

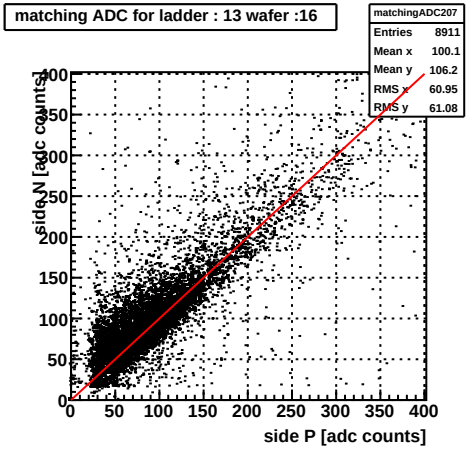

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 10134
Mean x 92.78
Mean y 96.03
RMS x 59.81
RMS y 58.34
side N [adc counts]
side P [adc counts]

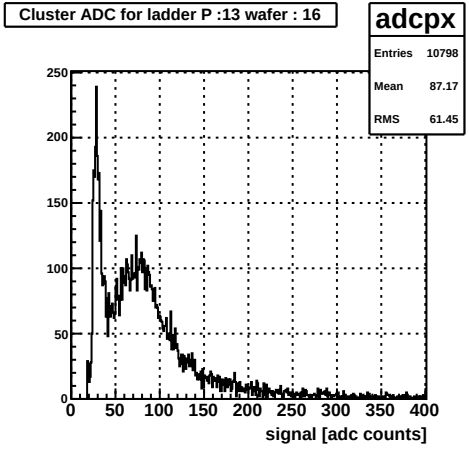

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 10820
Mean 86.74
RMS 60.06
signal [adc counts]

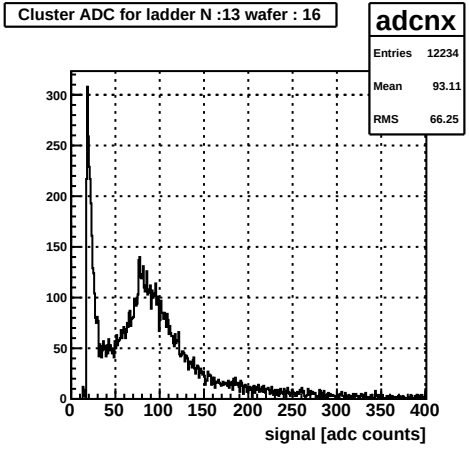

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 12398
Mean 87.47
RMS 62.13
signal [adc counts]

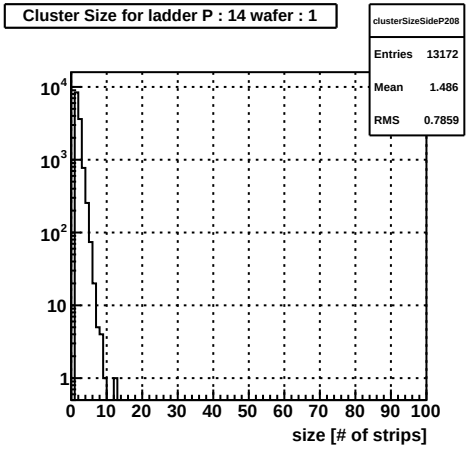

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 10798
Mean 1.341
RMS 0.6696
size [# of strips]

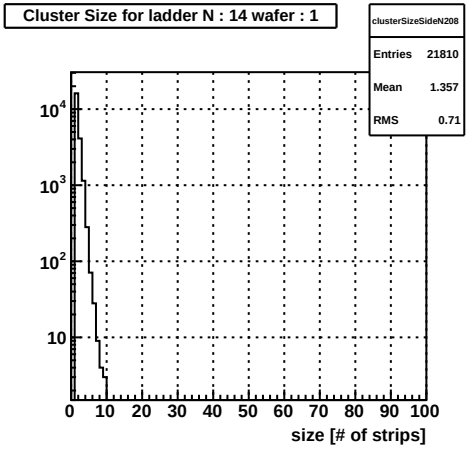

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 12234
Mean 1.666
RMS 0.8858
size [# of strips]

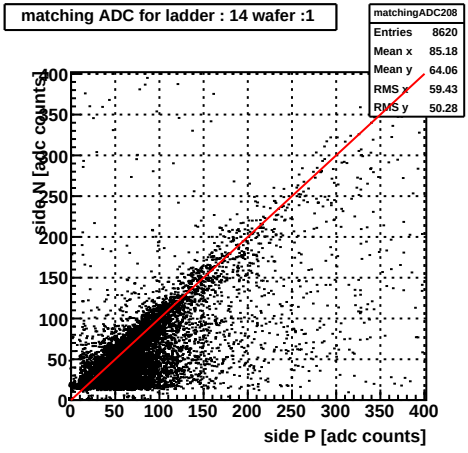

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 8911
Mean x 100.1
Mean y 106.2
RMS x 60.95
RMS y 61.08
side N [adc counts]
side P [adc counts]

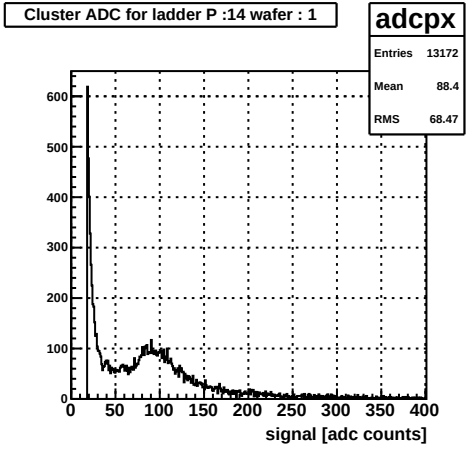

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 10798
Mean 87.17
RMS 61.45
signal [adc counts]

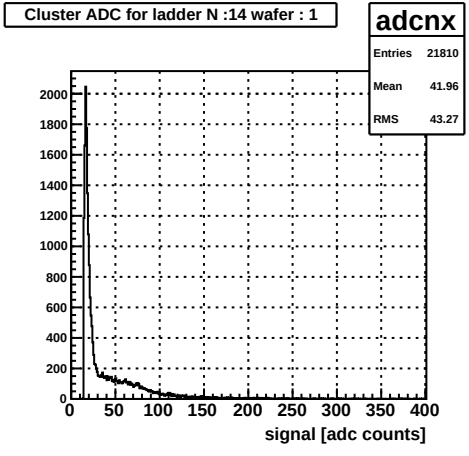

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 12234
Mean 93.11
RMS 66.25
signal [adc counts]

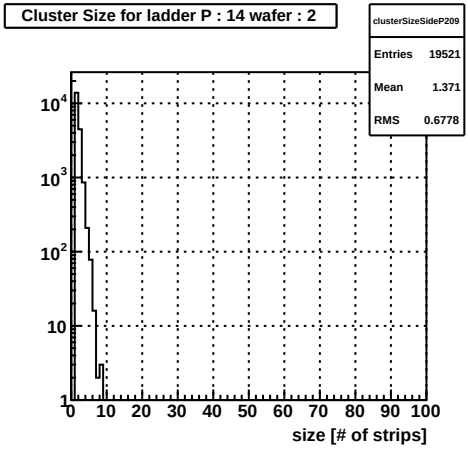

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 13172
Mean 1.486
RMS 0.7859
size [# of strips]

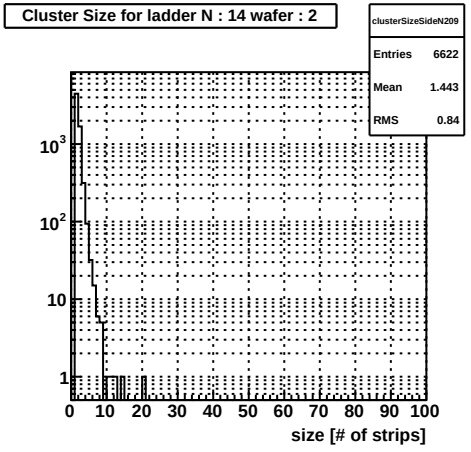

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 21810
Mean 1.357
RMS 0.71
size [# of strips]

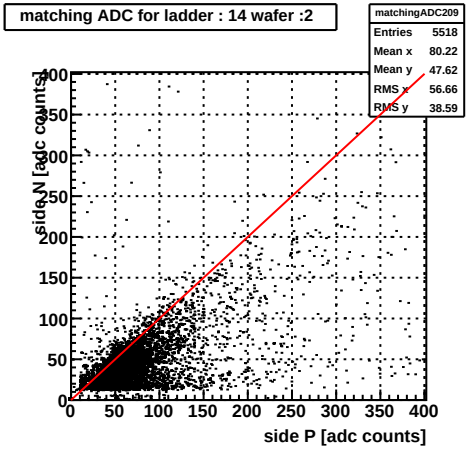

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 8620
Mean x 85.18
Mean y 64.06
RMS x 59.43
RMS y 50.28
side N [adc counts]
side P [adc counts]

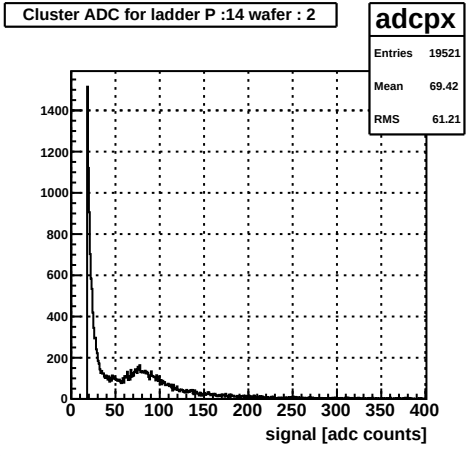

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 13172
Mean 88.4
RMS 68.47
signal [adc counts]

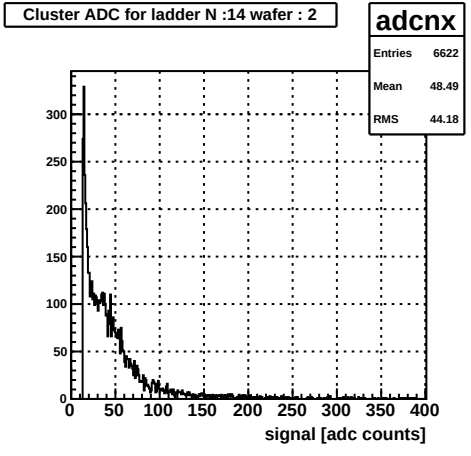

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 21810
Mean 41.96
RMS 43.27
signal [adc counts]

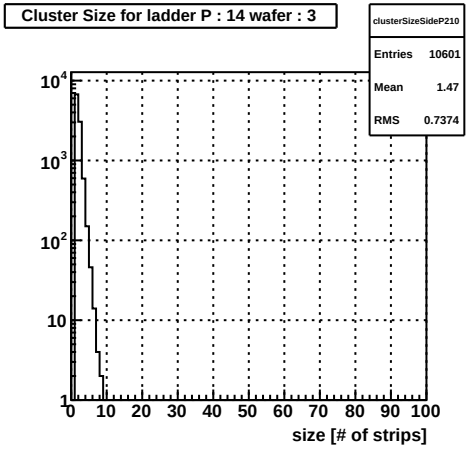

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 19521
Mean 1.371
RMS 0.6778
size [# of strips]

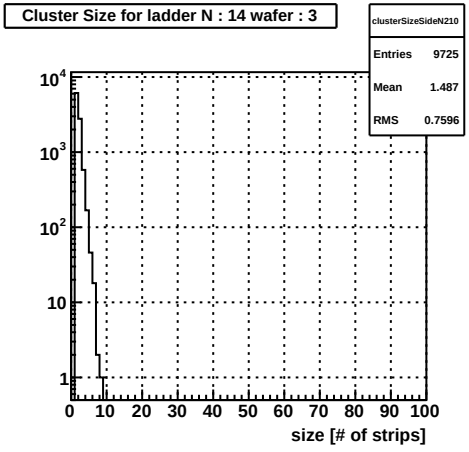

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 6622
Mean 1.443
RMS 0.84
size [# of strips]

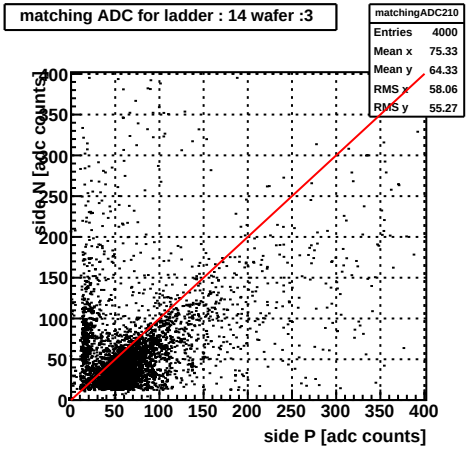

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 5518
Mean x 80.22
Mean y 47.62
RMS x 56.66
RMS y 38.59
side N [adc counts]
side P [adc counts]

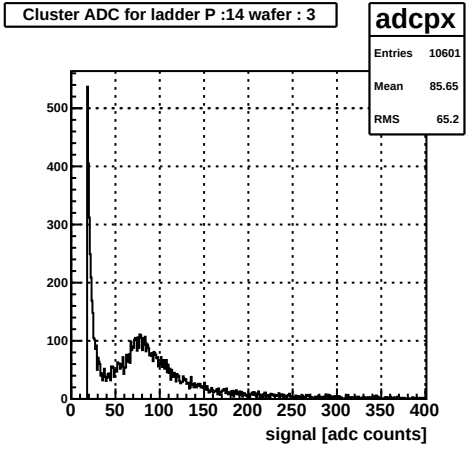

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 19521
Mean 69.42
RMS 61.21
signal [adc counts]

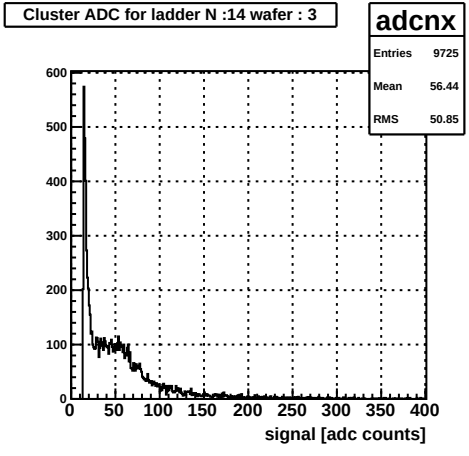

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 6622
Mean 48.49
RMS 44.18
signal [adc counts]

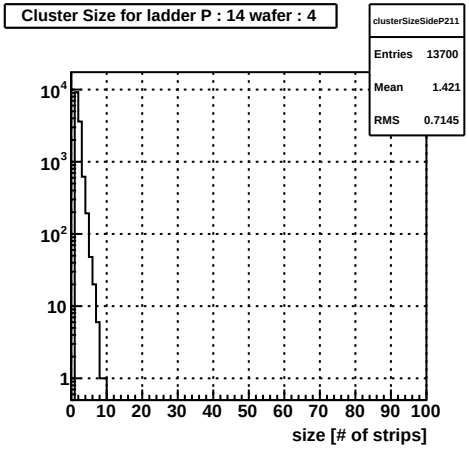

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 10601
Mean 1.47
RMS 0.7374
size [# of strips]

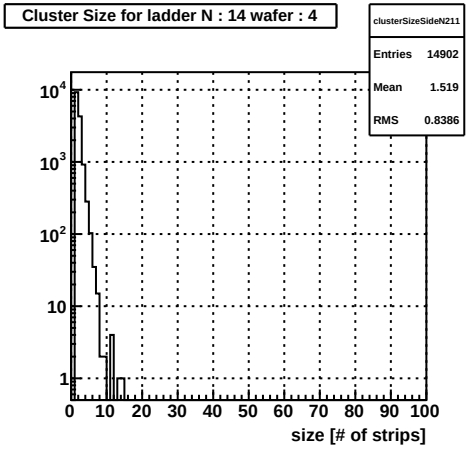

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 9725
Mean 1.487
RMS 0.7596
size [# of strips]

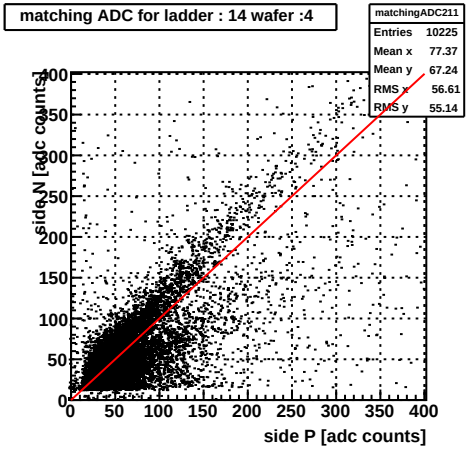

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4000
Mean x 75.33
Mean y 64.33
RMS x 58.06
RMS y 55.27
side N [adc counts]
side P [adc counts]

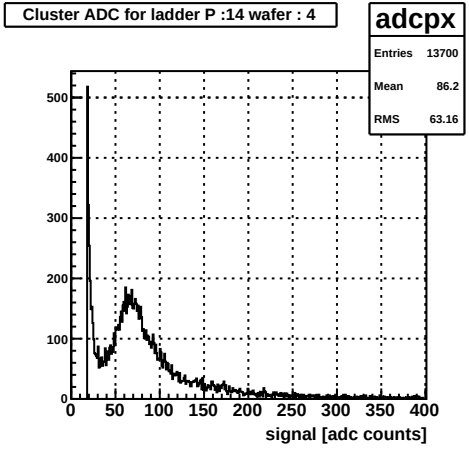

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 10601
Mean 85.65
RMS 65.2
signal [adc counts]

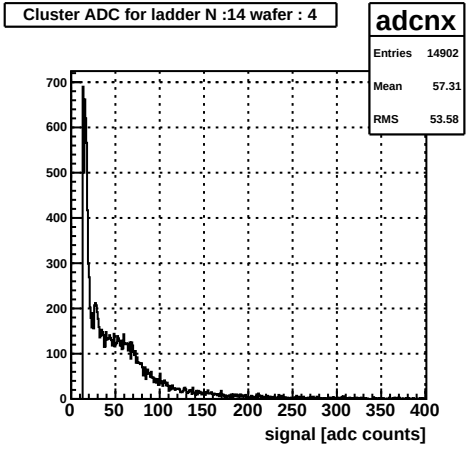

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 9725
Mean 56.44
RMS 50.85
signal [adc counts]

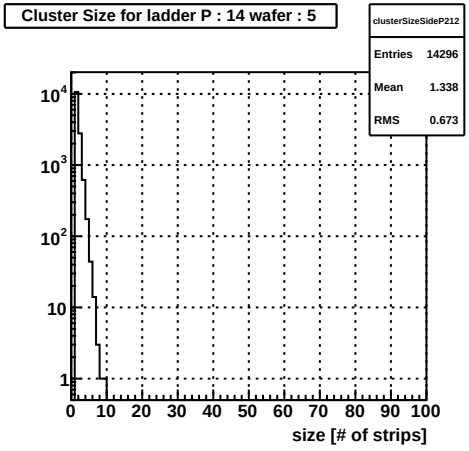

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 13700
Mean 1.421
RMS 0.7145
size [# of strips]

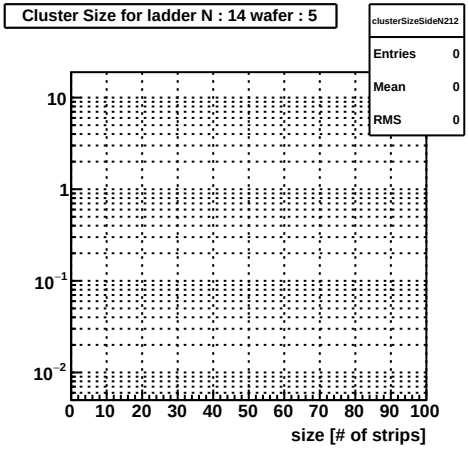

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 14902
Mean 1.519
RMS 0.8386
size [# of strips]

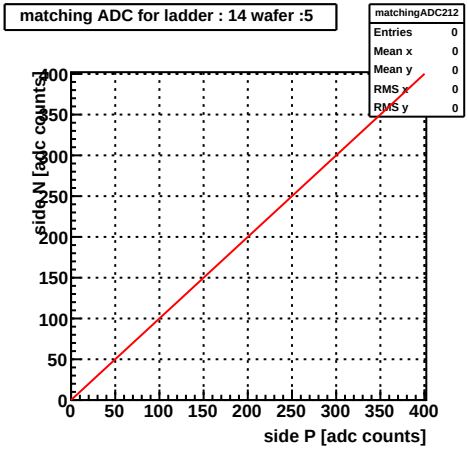

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 10225
Mean x 77.37
Mean y 67.24
RMS x 56.61
RMS y 55.14
side N [adc counts]
side P [adc counts]

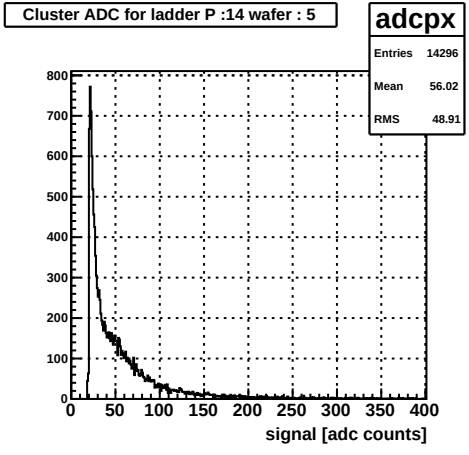

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 13700
Mean 86.2
RMS 63.16
signal [adc counts]

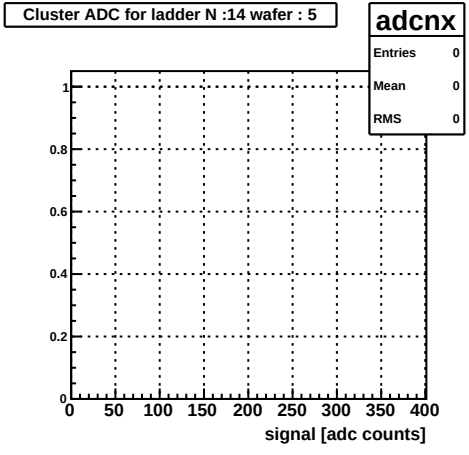

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 14902
Mean 57.31
RMS 53.58
signal [adc counts]

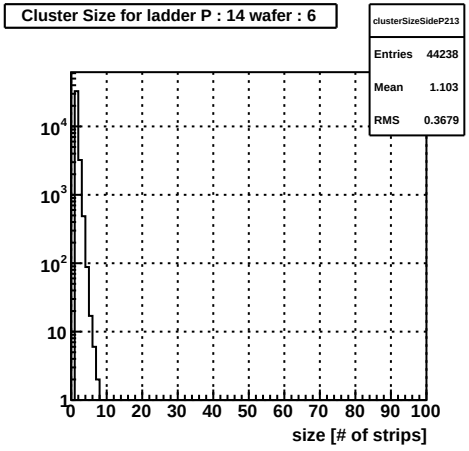

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 14296
Mean 1.338
RMS 0.673
size [# of strips]

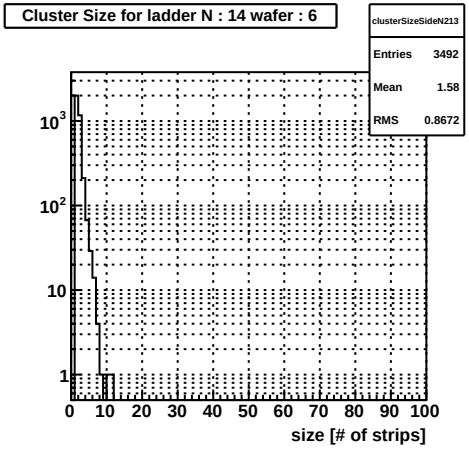

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

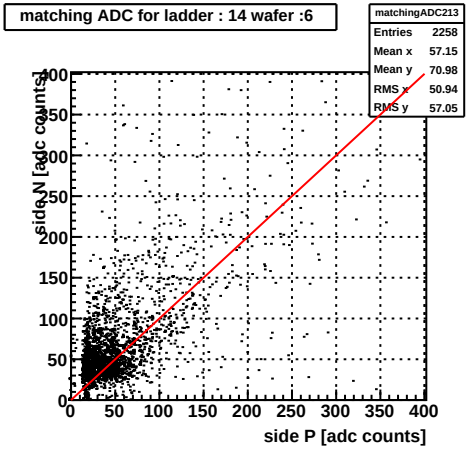

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

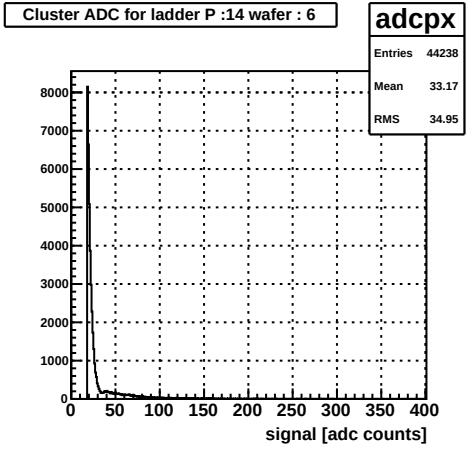

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 14296
Mean 56.02
RMS 48.91
signal [adc counts]

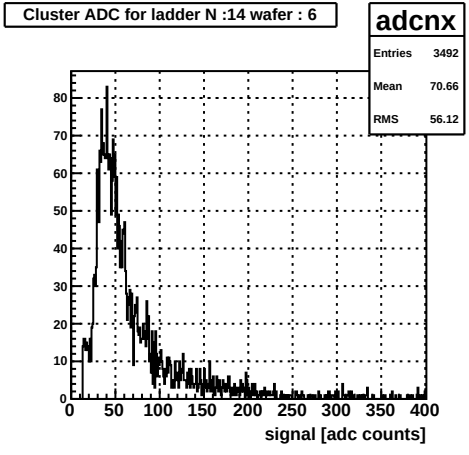

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

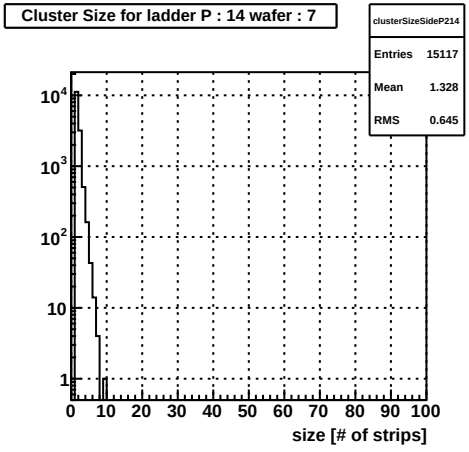

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 44238
Mean 1.103
RMS 0.3679
size [# of strips]

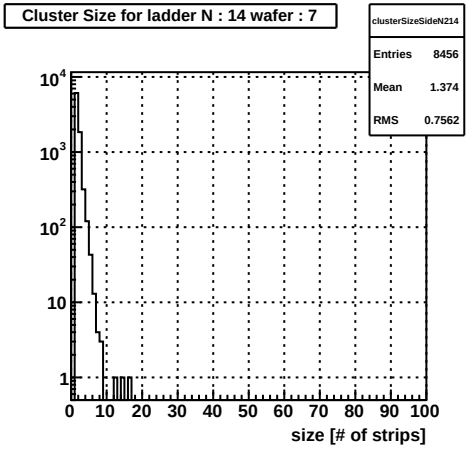

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 3492
Mean 1.58
RMS 0.8672
size [# of strips]

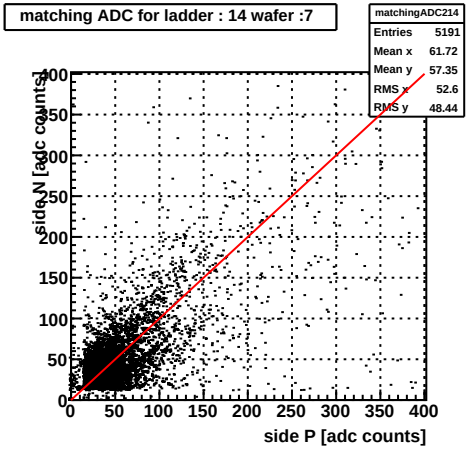

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 2258
Mean x 57.15
Mean y 70.98
RMS x 50.94
RMS y 57.05
side N [adc counts]
side P [adc counts]

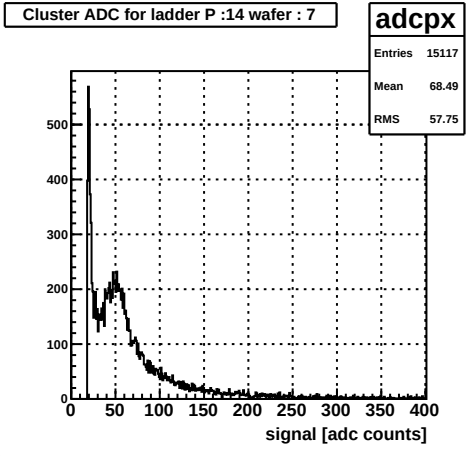

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 44238
Mean 33.17
RMS 34.95
signal [adc counts]

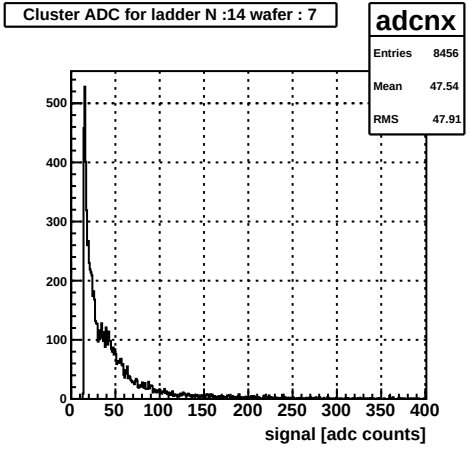

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 3492
Mean 70.66
RMS 56.12
signal [adc counts]

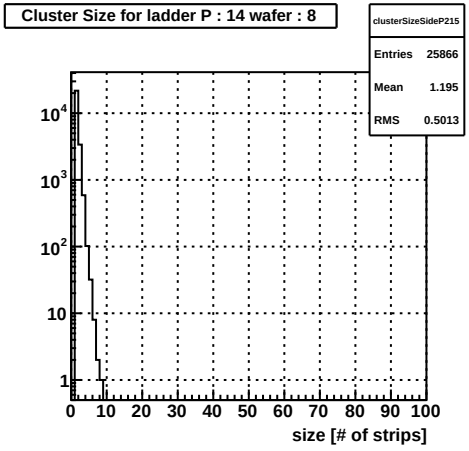

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 15117
Mean 1.328
RMS 0.645
size [# of strips]

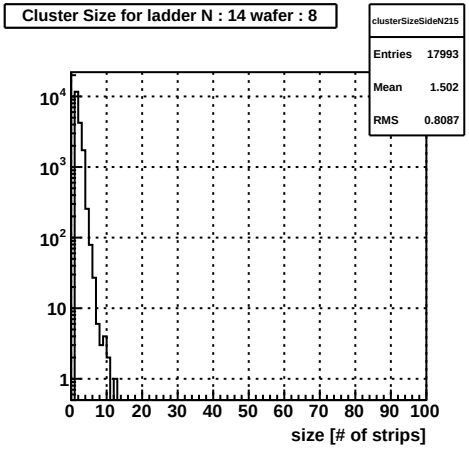

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 8456
Mean 1.374
RMS 0.7562
size [# of strips]

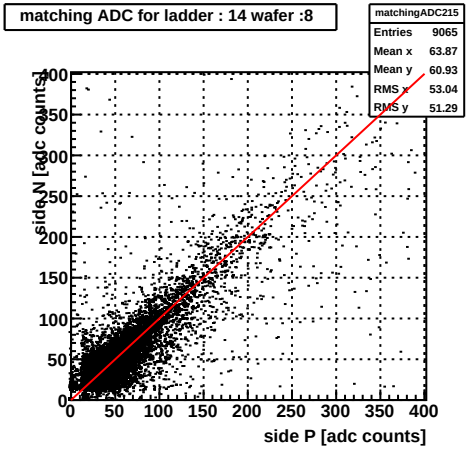

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 5191
Mean x 61.72
Mean y 57.35
RMS x 52.6
RMS y 48.44
side N [adc counts]
side P [adc counts]

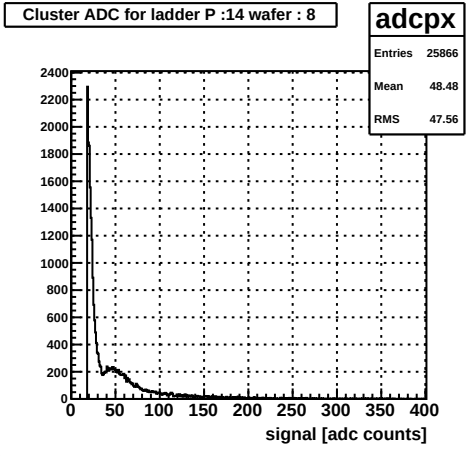

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 15117
Mean 68.49
RMS 57.75
signal [adc counts]

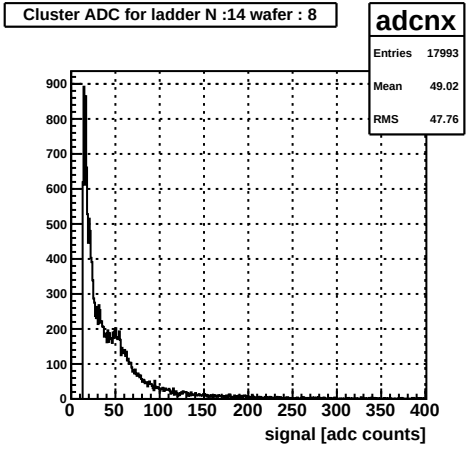

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 8456
Mean 47.54
RMS 47.91
signal [adc counts]

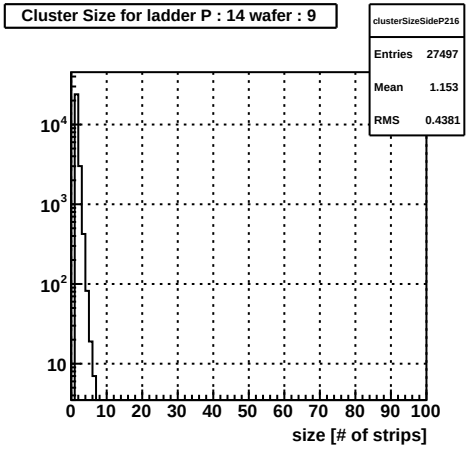

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 25866
Mean 1.195
RMS 0.5013
size [# of strips]

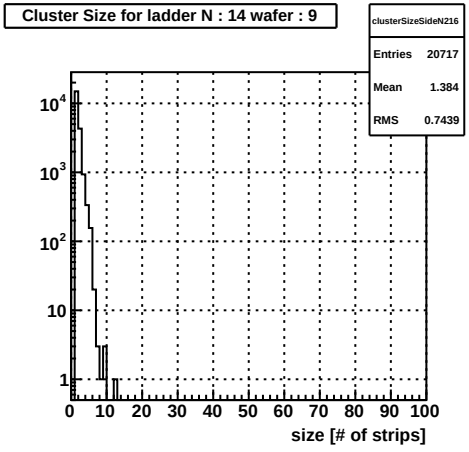

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 17993
Mean 1.502
RMS 0.8087
size [# of strips]

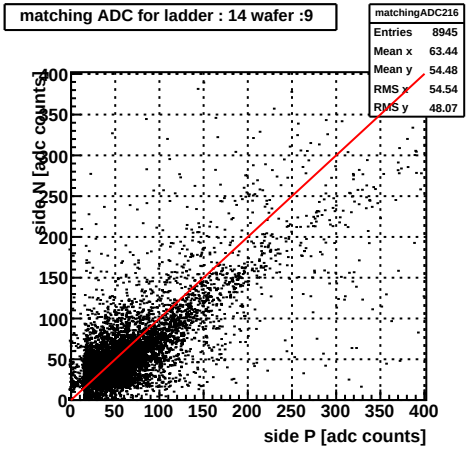

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 9065
Mean x 63.87
Mean y 60.93
RMS x 53.04
RMS y 51.29
side N [adc counts]
side P [adc counts]

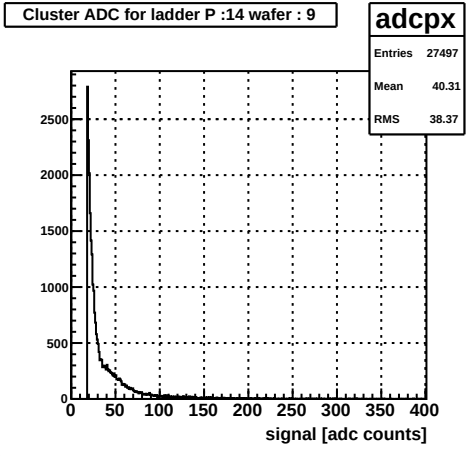

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 25866
Mean 48.48
RMS 47.56
signal [adc counts]

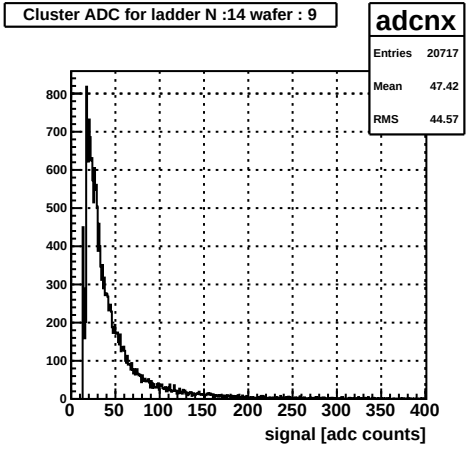

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 17993
Mean 49.02
RMS 47.76
signal [adc counts]

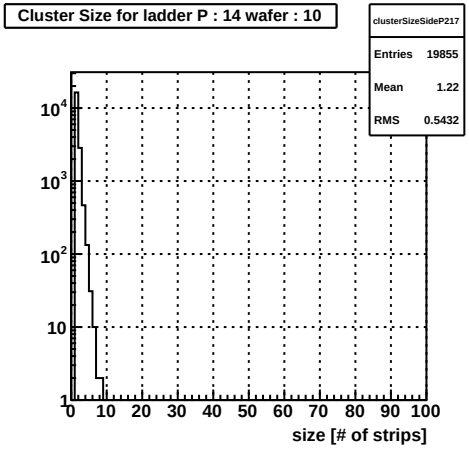

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 27497
Mean 1.153
RMS 0.4381
size [# of strips]

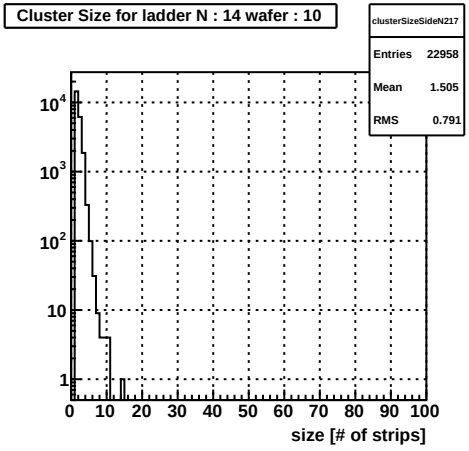

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 20717
Mean 1.384
RMS 0.7439
size [# of strips]

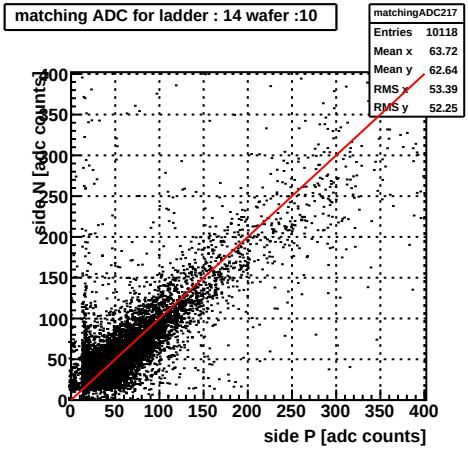

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 8945
Mean x 63.44
Mean y 54.48
RMS x 54.54
RMS y 48.07
side N [adc counts]
side P [adc counts]

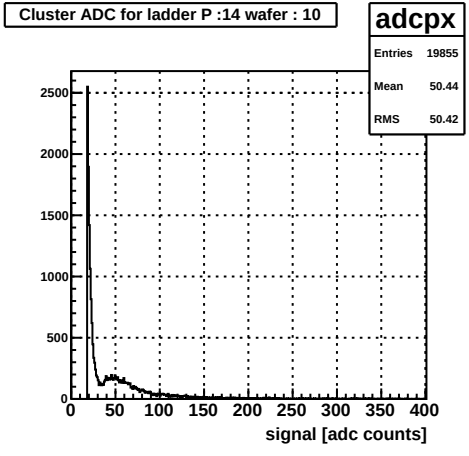

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 27497
Mean 40.31
RMS 38.37
signal [adc counts]

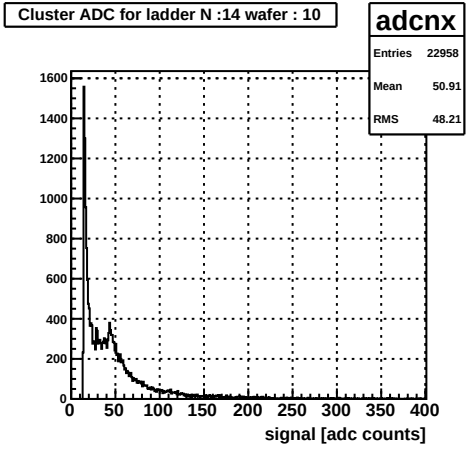

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 20717
Mean 47.42
RMS 44.57
signal [adc counts]

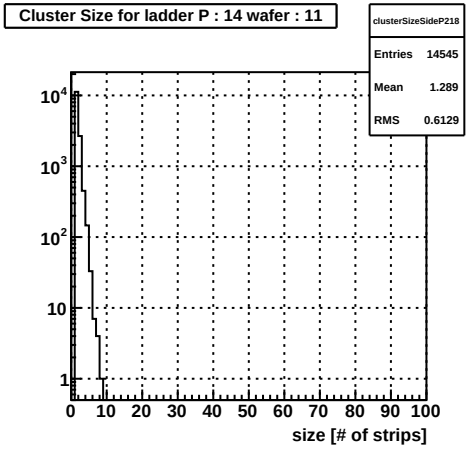

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 19855
Mean 1.22
RMS 0.5432
size [# of strips]

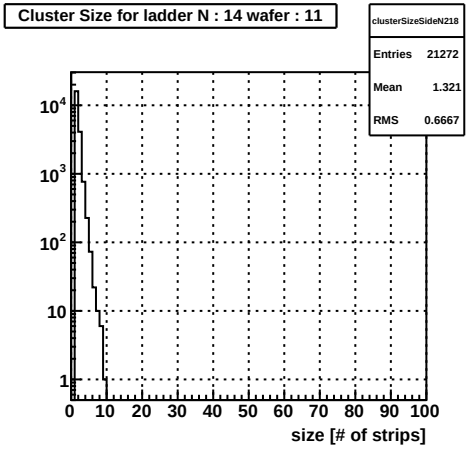

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 22958
Mean 1.505
RMS 0.791
size [# of strips]

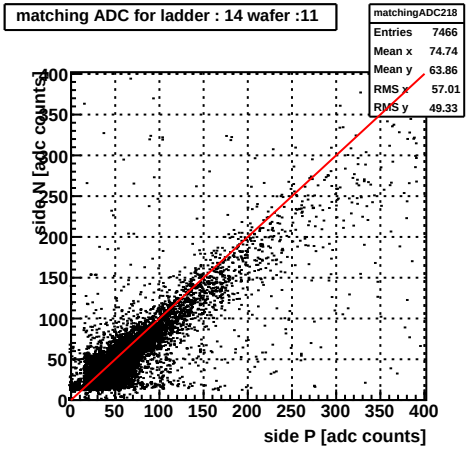

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 10118
Mean x 63.72
Mean y 62.64
RMS x 53.39
RMS y 52.25
side N [adc counts]
side P [adc counts]

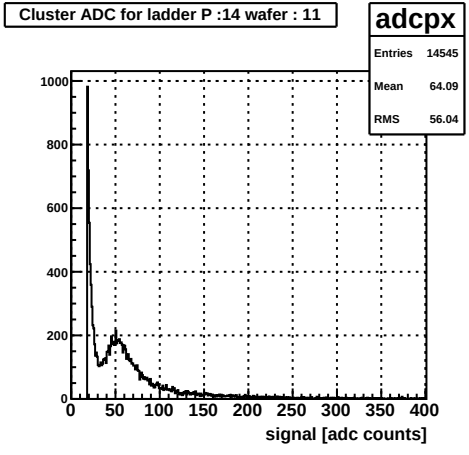

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 19855
Mean 50.44
RMS 50.42
signal [adc counts]

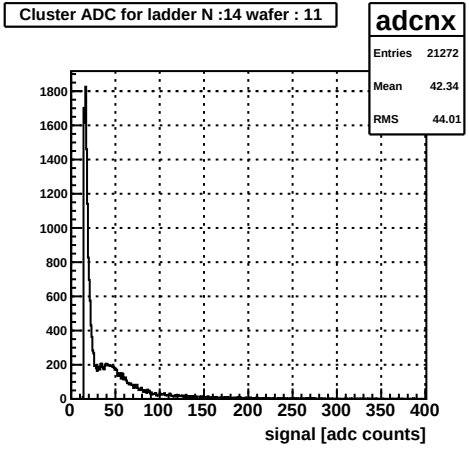

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 22958
Mean 50.91
RMS 48.21
signal [adc counts]

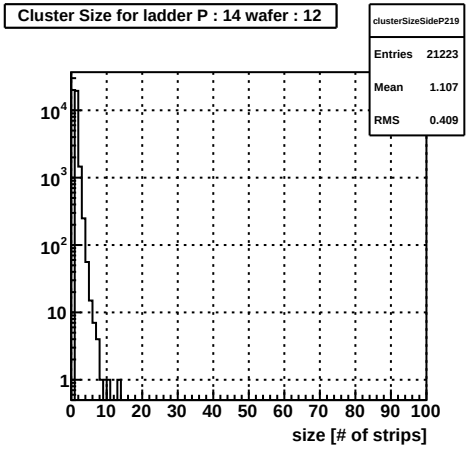

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 14545
Mean 1.289
RMS 0.6129
size [# of strips]

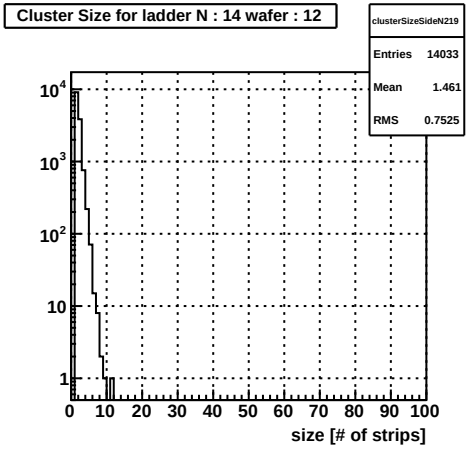

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 21272
Mean 1.321
RMS 0.6667
size [# of strips]

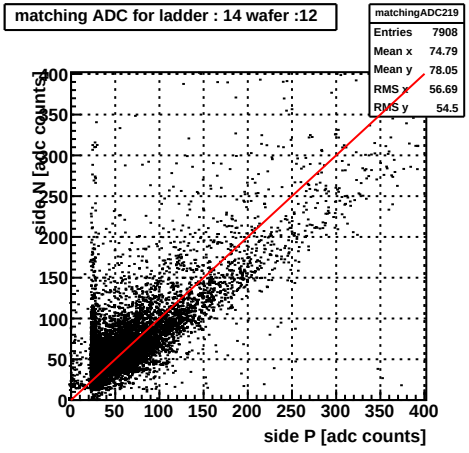

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 7466
Mean x 74.74
Mean y 63.86
RMS x 57.01
RMS y 49.33
side N [adc counts]
side P [adc counts]

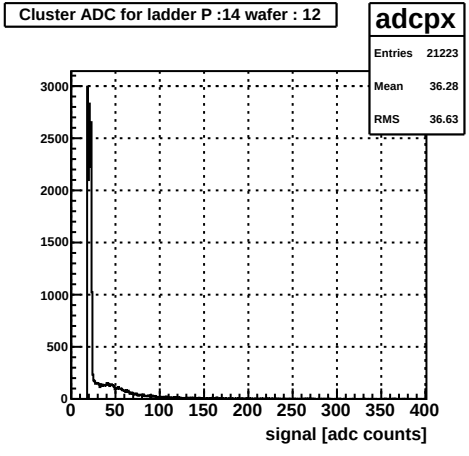

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 14545
Mean 64.09
RMS 56.04
signal [adc counts]

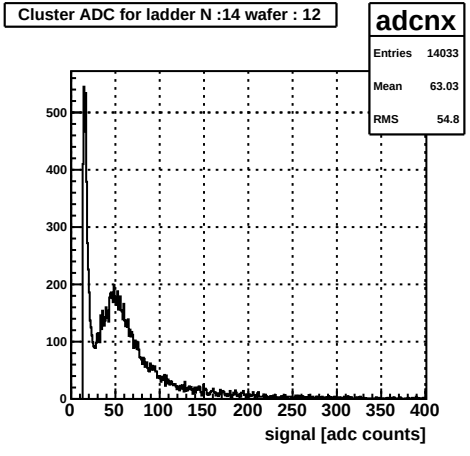

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 21272
Mean 42.34
RMS 44.01
signal [adc counts]

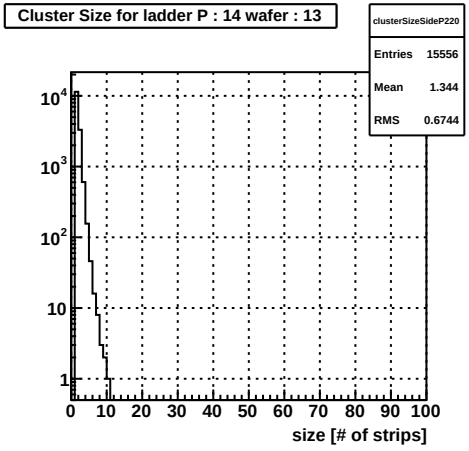

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 21223
Mean 1.107
RMS 0.409
size [# of strips]

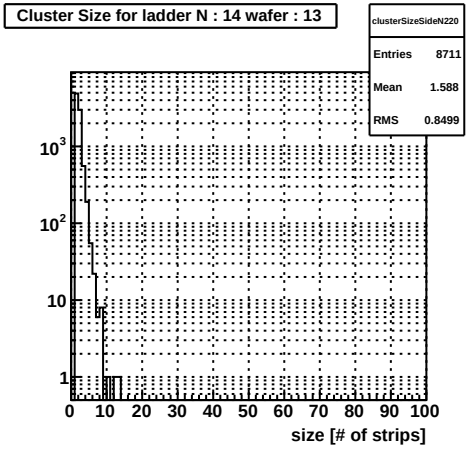

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 14033
Mean 1.461
RMS 0.7525
size [# of strips]

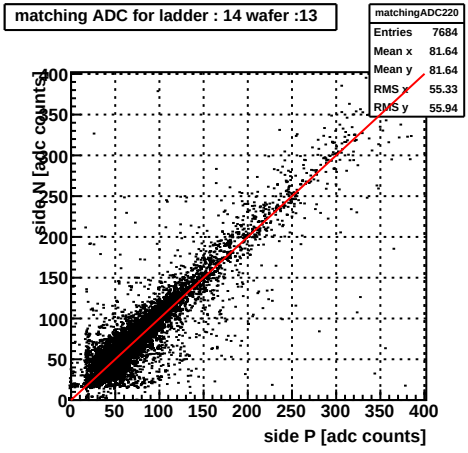

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 7908
Mean x 74.79
Mean y 78.05
RMS x 56.69
RMS y 54.5
side N [adc counts]
side P [adc counts]

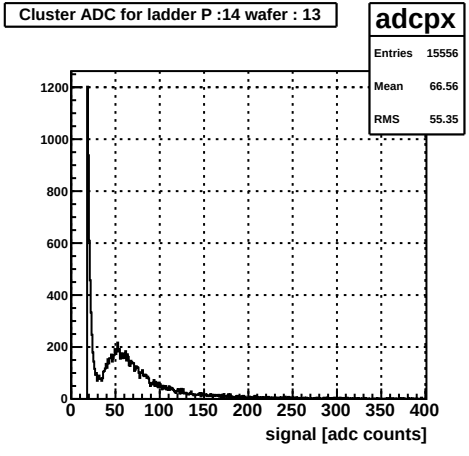

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 21223
Mean 36.28
RMS 36.63
signal [adc counts]

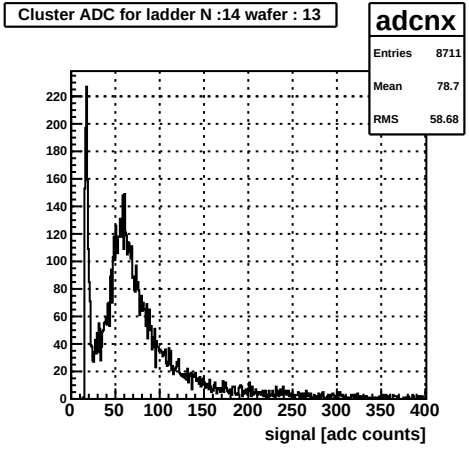

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 14033
Mean 63.03
RMS 54.8
signal [adc counts]

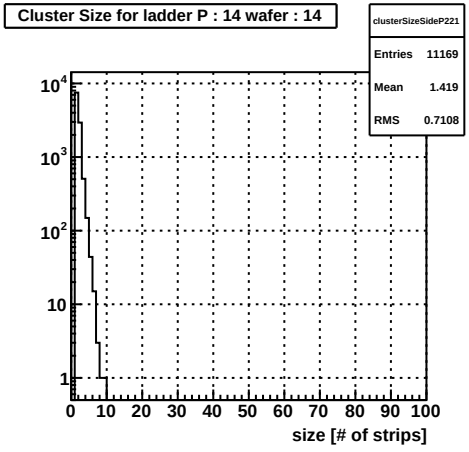

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 15556
Mean 1.344
RMS 0.6744
size [# of strips]

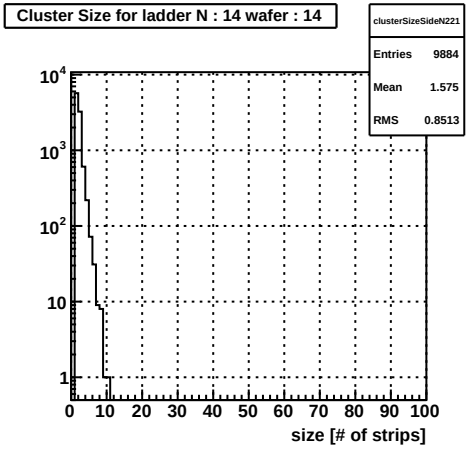

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 8711
Mean 1.588
RMS 0.8499
size [# of strips]

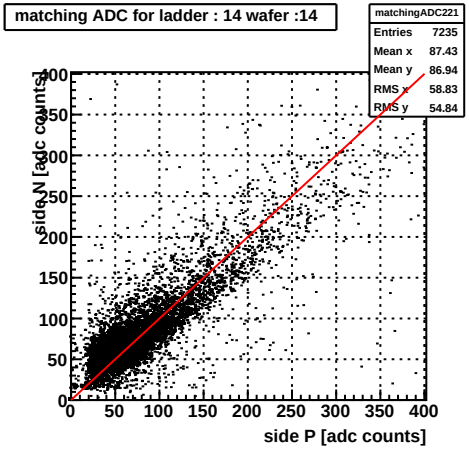

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 7684
Mean x 81.64
Mean y 81.64
RMS x 55.33
RMS y 55.94
side N [adc counts]
side P [adc counts]

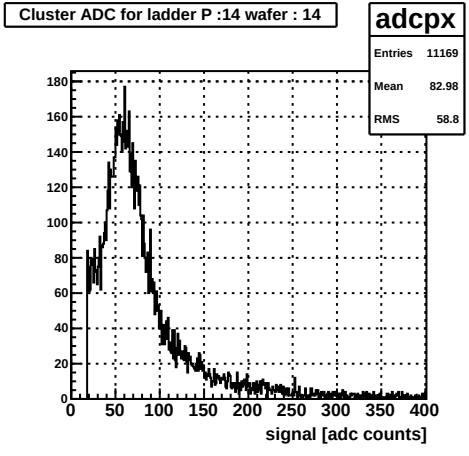

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 15556
Mean 66.56
RMS 55.35
signal [adc counts]

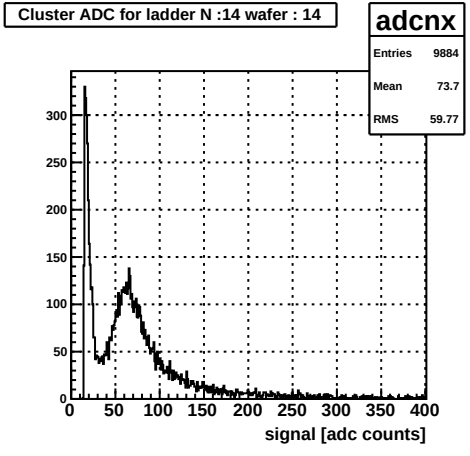

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 8711
Mean 78.7
RMS 58.68
signal [adc counts]

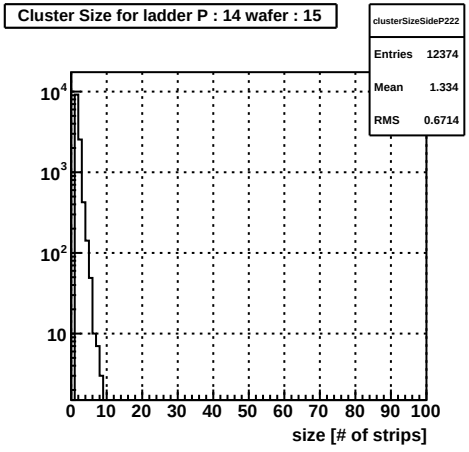

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 11169
Mean 1.419
RMS 0.7108
size [# of strips]

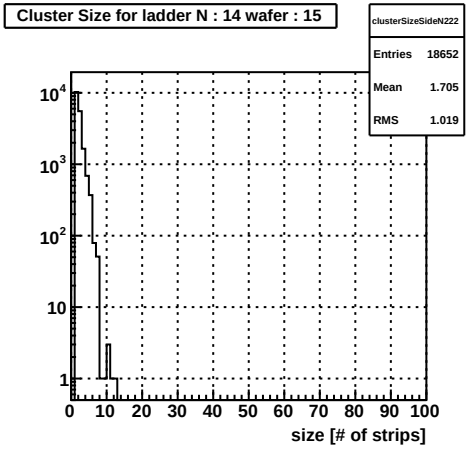

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 9884
Mean 1.575
RMS 0.8513
size [# of strips]

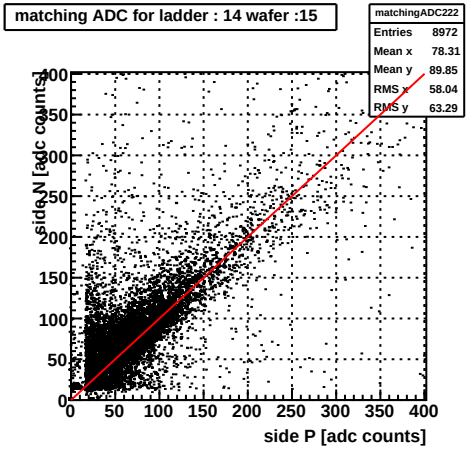

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 7235
Mean x 87.43
Mean y 86.94
RMS x 58.83
RMS y 54.84
side N [adc counts]
side P [adc counts]

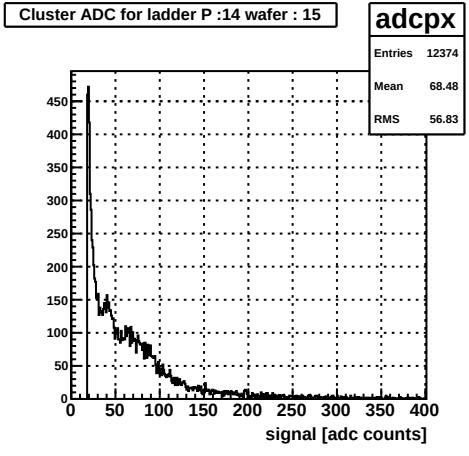

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 11169
Mean 82.98
RMS 58.8
signal [adc counts]

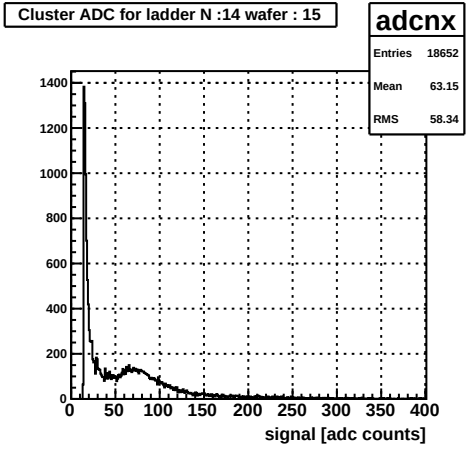

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 9884
Mean 73.7
RMS 59.77
signal [adc counts]

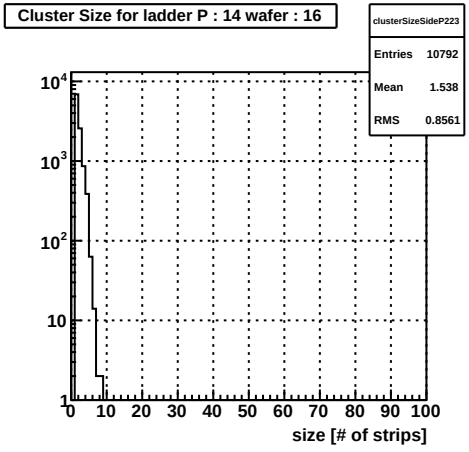

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 12374
Mean 1.334
RMS 0.6714
size [# of strips]

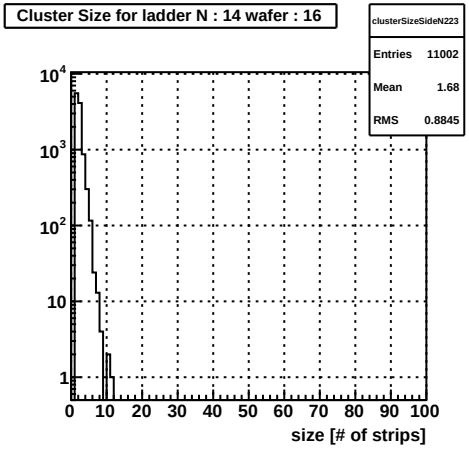

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 18652
Mean 1.705
RMS 1.019
size [# of strips]

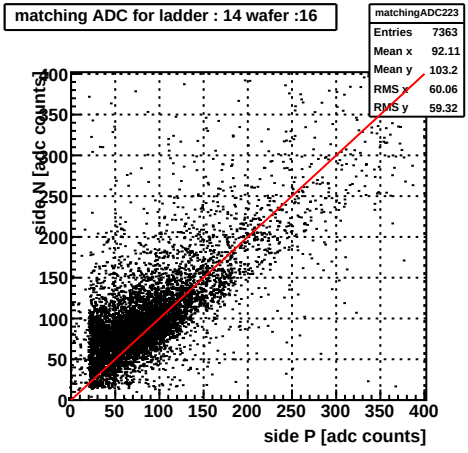

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 8972
Mean x 78.31
Mean y 89.85
RMS x 58.04
RMS y 63.29
side N [adc counts]
side P [adc counts]

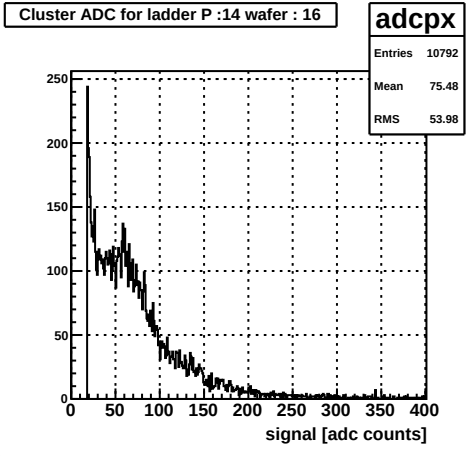

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 12374
Mean 68.48
RMS 56.83
signal [adc counts]

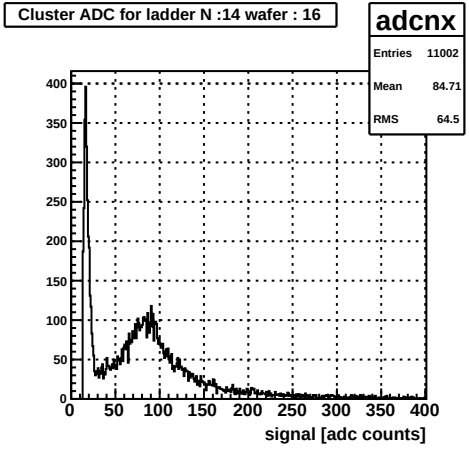

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 18652
Mean 63.15
RMS 58.34
signal [adc counts]

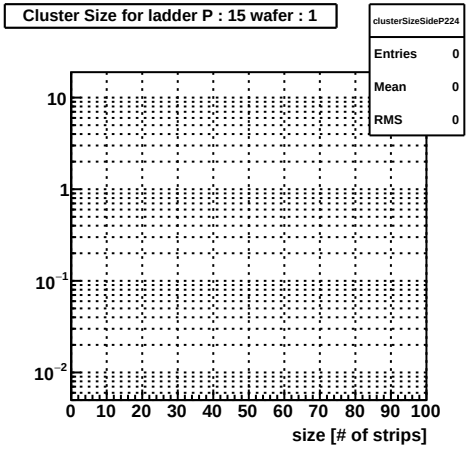

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 10792
Mean 1.538
RMS 0.8561
size [# of strips]

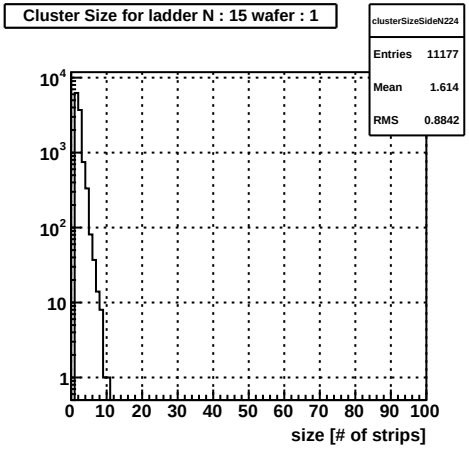

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 11002
Mean 1.68
RMS 0.8845
size [# of strips]

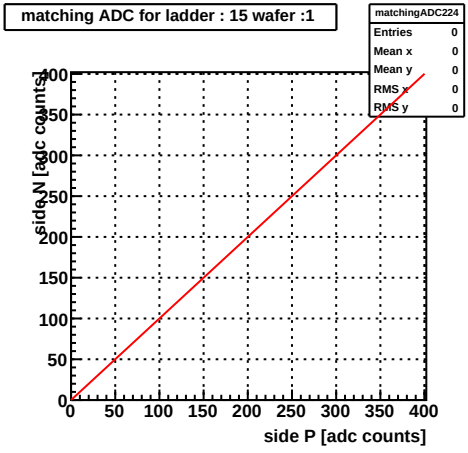

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 7363
Mean x 92.11
Mean y 103.2
RMS x 60.06
RMS y 59.32
side N [adc counts]
side P [adc counts]

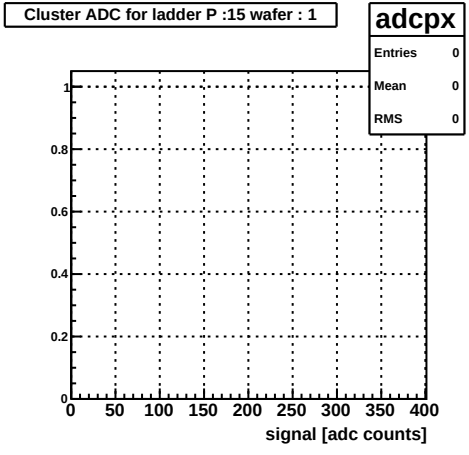

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 10792
Mean 75.48
RMS 53.98
signal [adc counts]

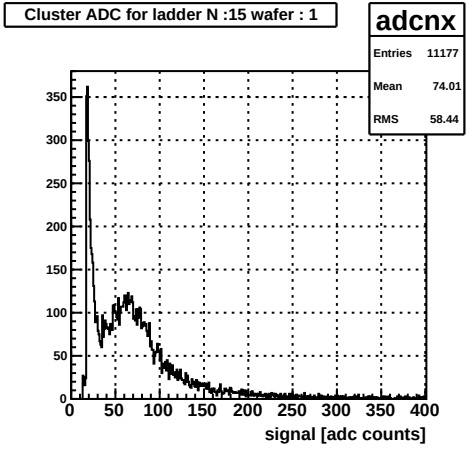

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 11002
Mean 84.71
RMS 64.5
signal [adc counts]

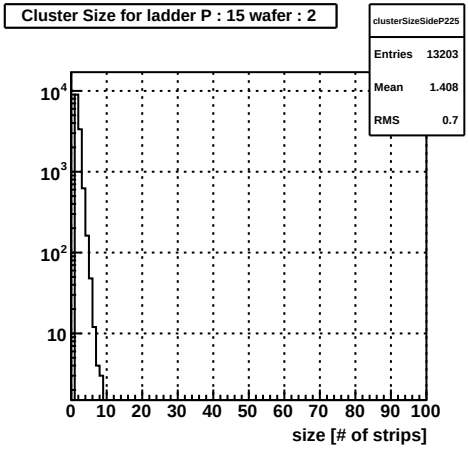

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

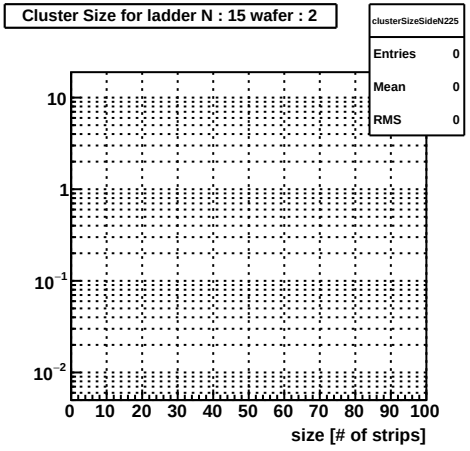

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 11177
Mean 1.614
RMS 0.8842
size [# of strips]

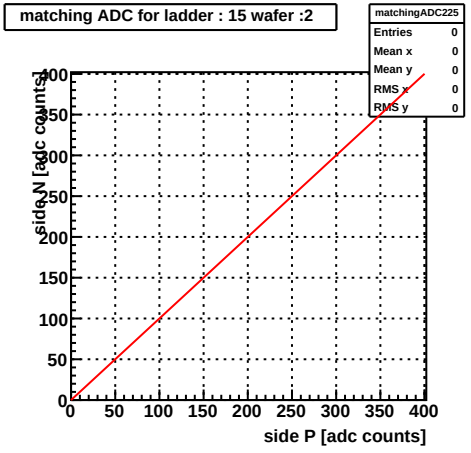

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

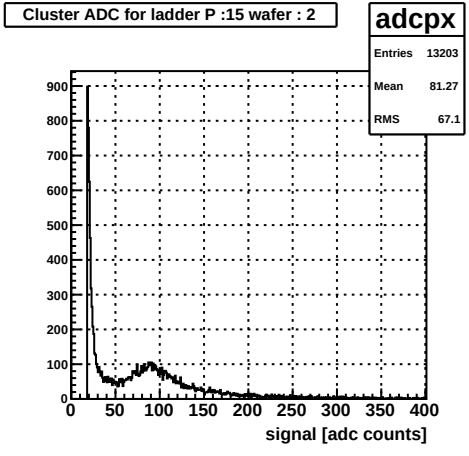

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

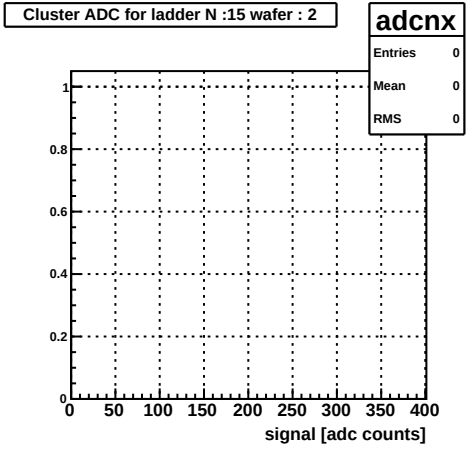

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 11177
Mean 74.01
RMS 58.44
signal [adc counts]

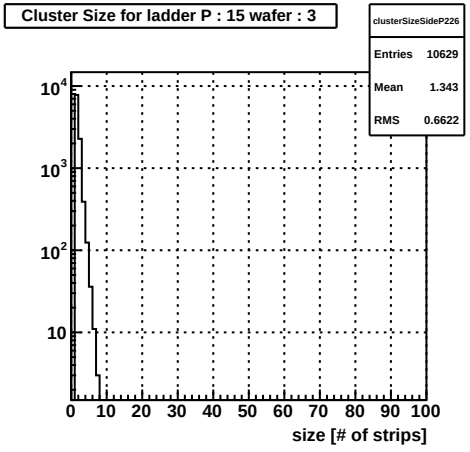

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 13203
Mean 1.408
RMS 0.7
size [# of strips]

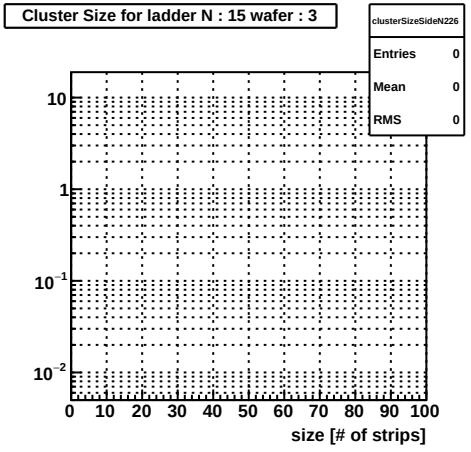

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

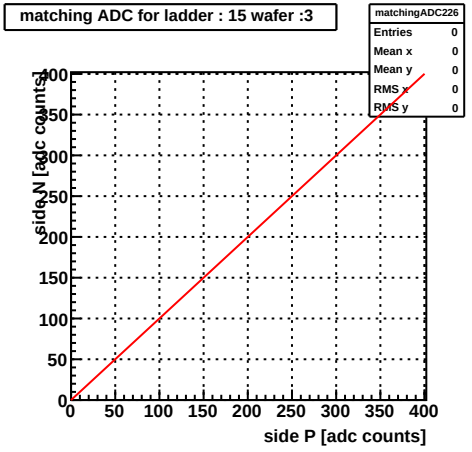

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

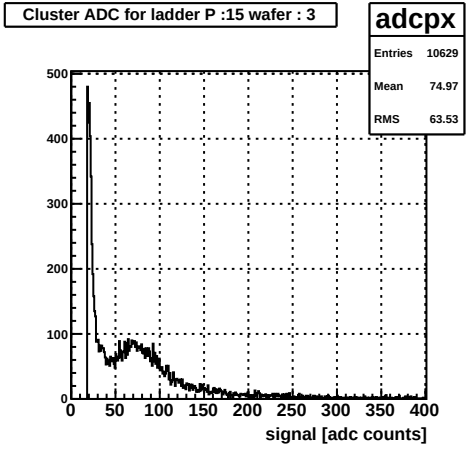

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 13203
Mean 81.27
RMS 67.1
signal [adc counts]

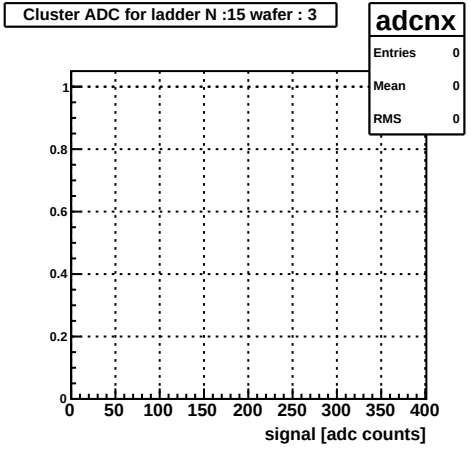

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

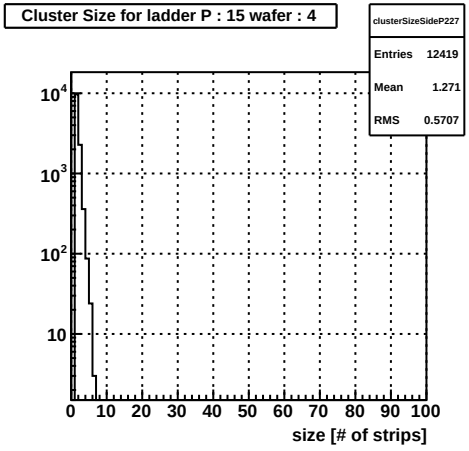

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 10629
Mean 1.343
RMS 0.6622
size [# of strips]

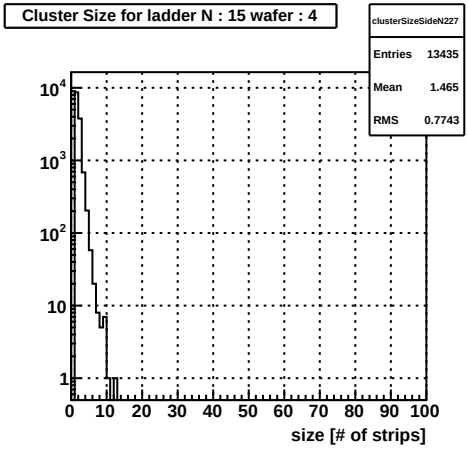

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

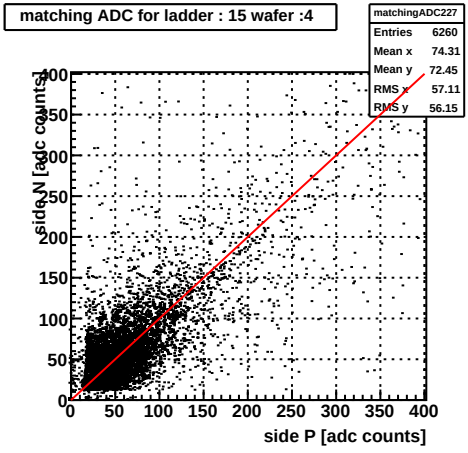

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

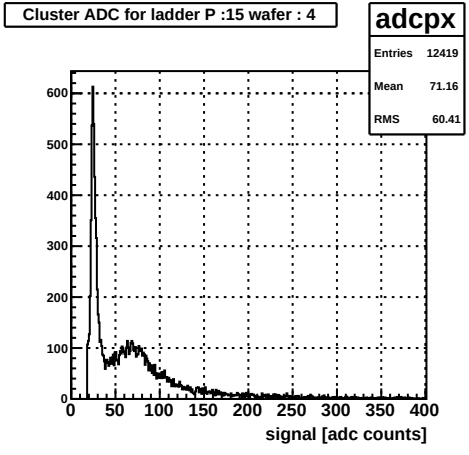

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 10629
Mean 74.97
RMS 63.53
signal [adc counts]

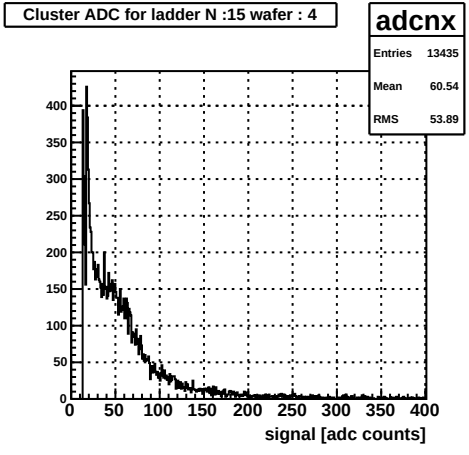

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

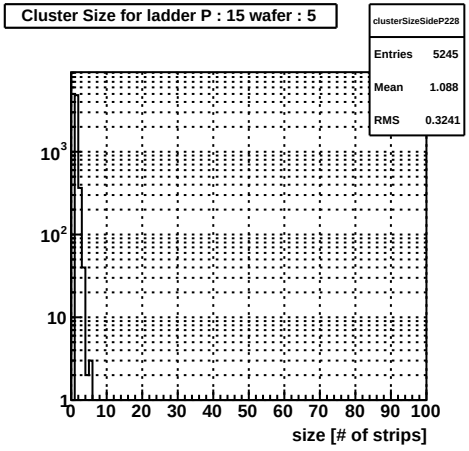

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 12419
Mean 1.271
RMS 0.5707
size [# of strips]

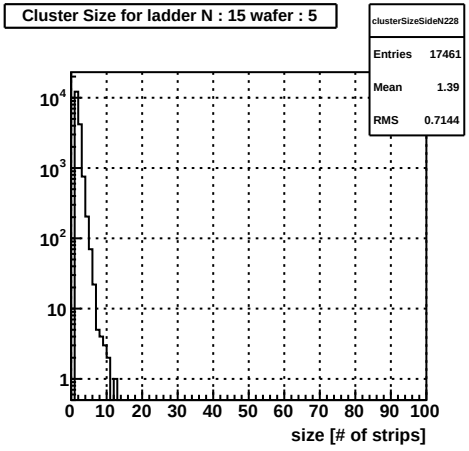

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 13435
Mean 1.465
RMS 0.7743
size [# of strips]

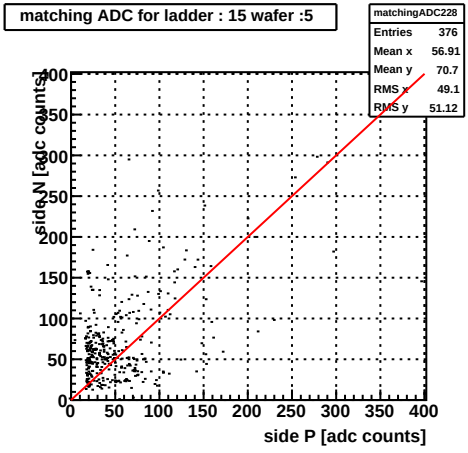

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 6260
Mean x 74.31
Mean y 72.45
RMS x 57.11
RMS y 56.15
side N [adc counts]
side P [adc counts]

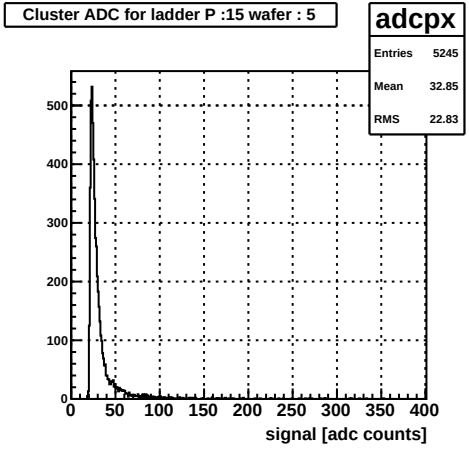

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 12419
Mean 71.16
RMS 60.41
signal [adc counts]

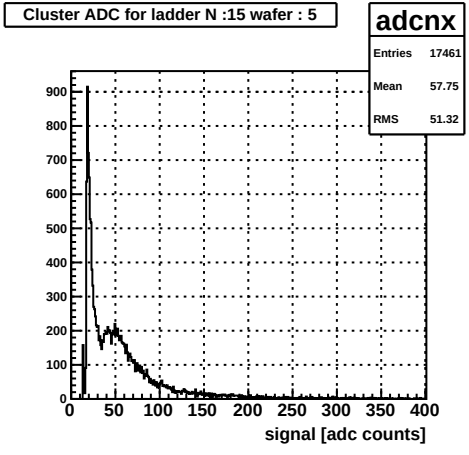

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 13435
Mean 60.54
RMS 53.89
signal [adc counts]

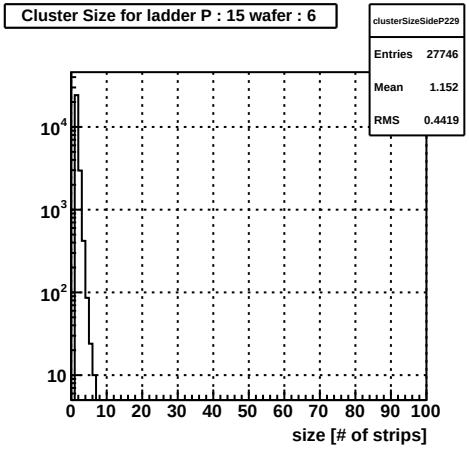

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 5245
Mean 1.088
RMS 0.3241
size [# of strips]

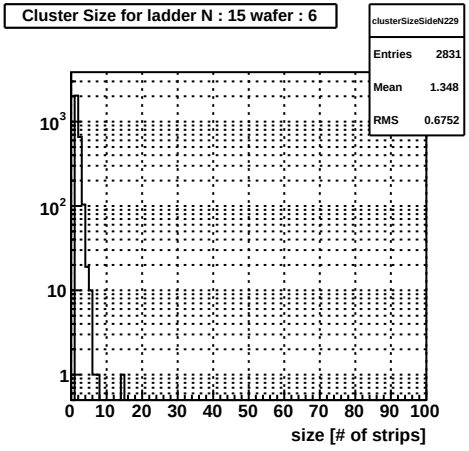

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 17461
Mean 1.39
RMS 0.7144
size [# of strips]

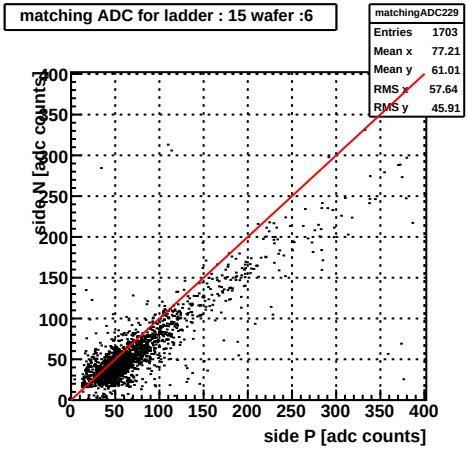

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 376
Mean x 56.91
Mean y 70.7
RMS x 49.1
RMS y 51.12
side N [adc counts]
side P [adc counts]

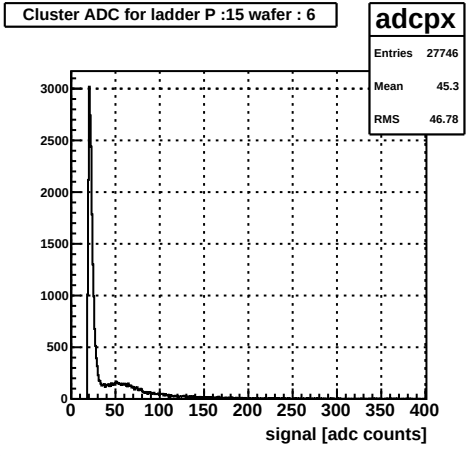

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 5245
Mean 32.85
RMS 22.83
signal [adc counts]

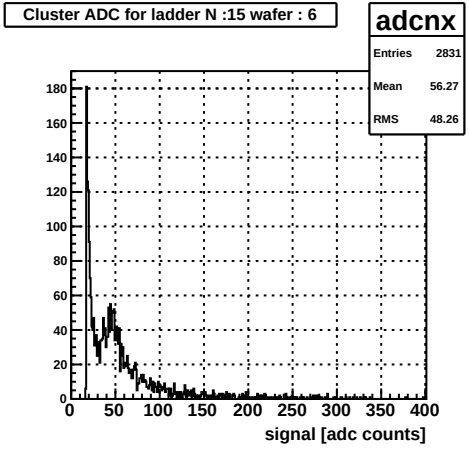

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 17461
Mean 57.75
RMS 51.32
signal [adc counts]

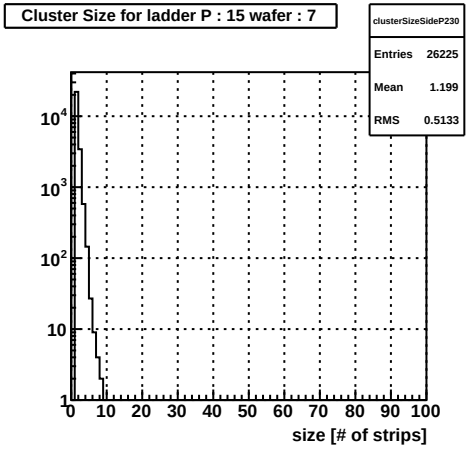

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 27746
Mean 1.152
RMS 0.4419
size [# of strips]

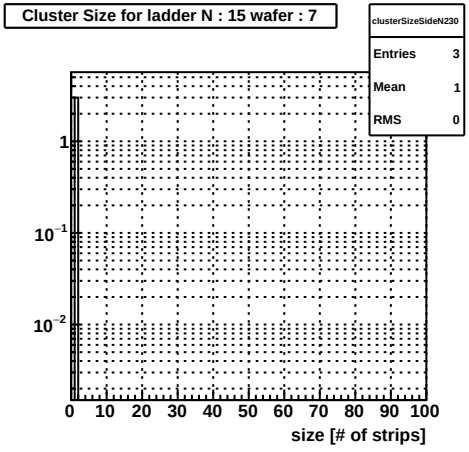

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 2831
Mean 1.348
RMS 0.6752
size [# of strips]

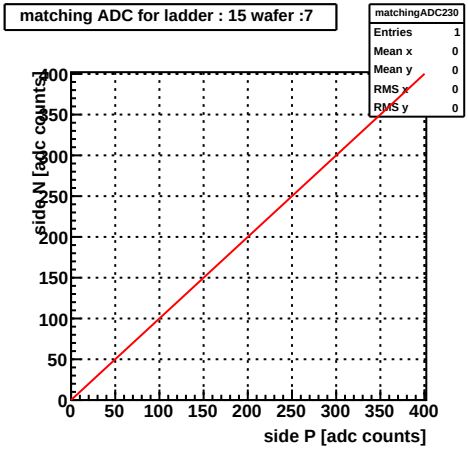

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1703
Mean x 77.21
Mean y 61.01
RMS x 57.64
RMS y 45.91
side N [adc counts]
side P [adc counts]

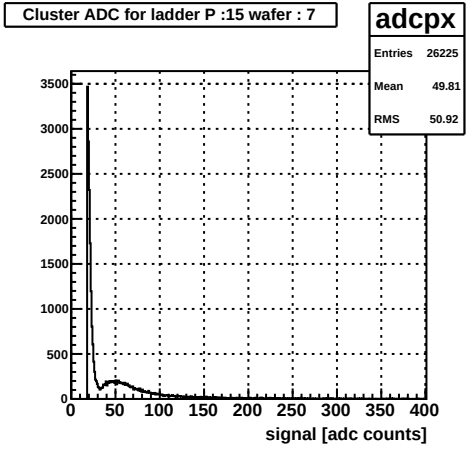

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 27746
Mean 45.3
RMS 46.78
signal [adc counts]

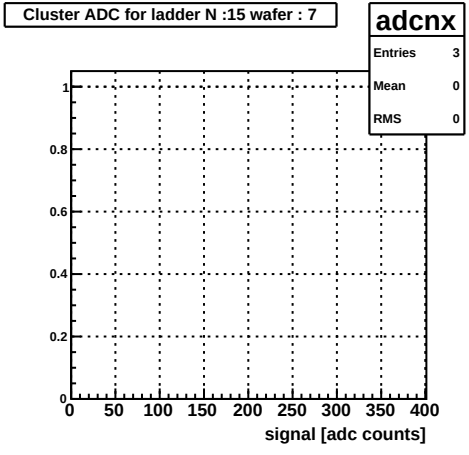

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 2831
Mean 56.27
RMS 48.26
signal [adc counts]

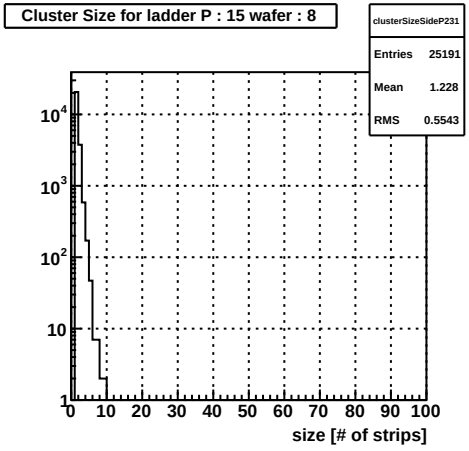

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 26225
Mean 1.199
RMS 0.5133
size [# of strips]

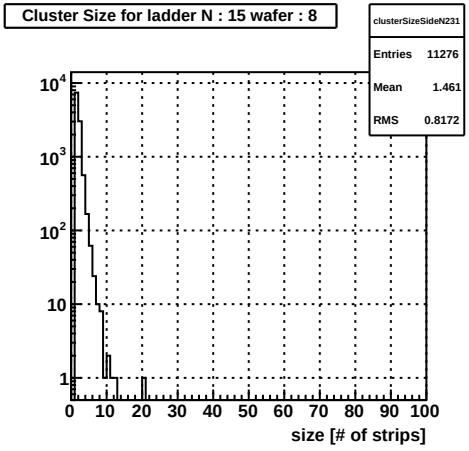

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 3
Mean 1
RMS 0
size [# of strips]

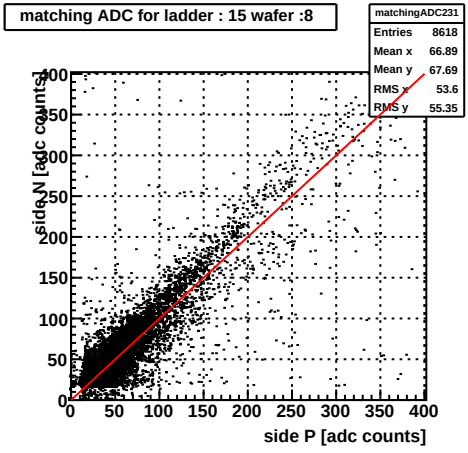

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

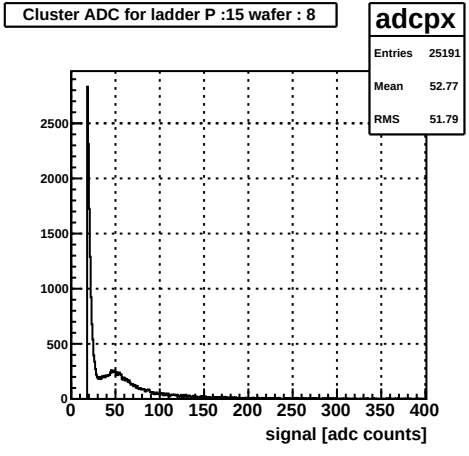

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 26225
Mean 49.81
RMS 50.92
signal [adc counts]

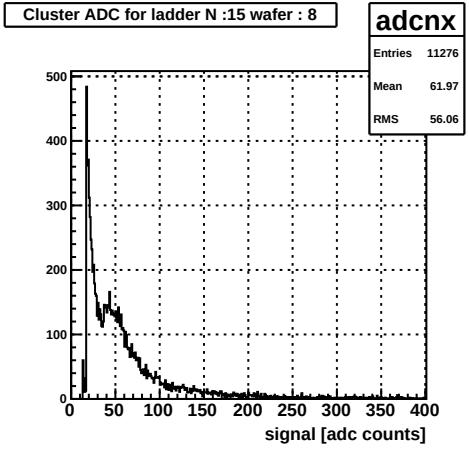

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

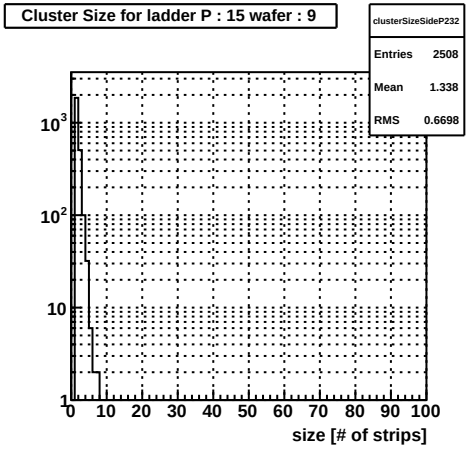

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 25191
Mean 1.228
RMS 0.5543
size [# of strips]

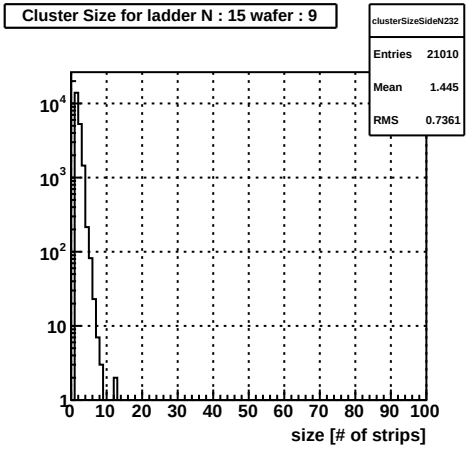

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 11276
Mean 1.461
RMS 0.8172
size [# of strips]

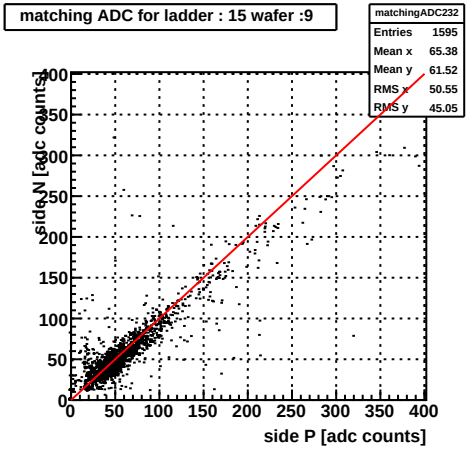

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 8618
Mean x 66.89
Mean y 67.69
RMS x 53.6
RMS y 55.35
side N [adc counts]
side P [adc counts]

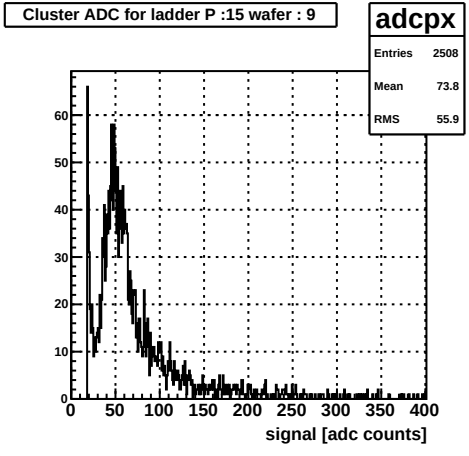

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 25191
Mean 52.77
RMS 51.79
signal [adc counts]

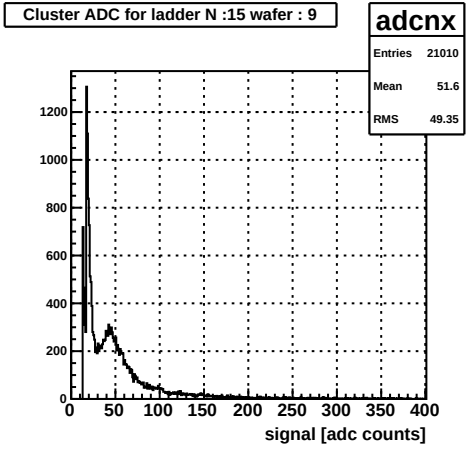

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 11276
Mean 61.97
RMS 56.06
signal [adc counts]

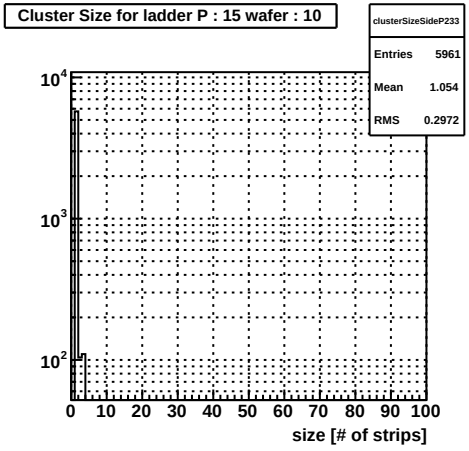

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2508
Mean 1.338
RMS 0.6698
size [# of strips]

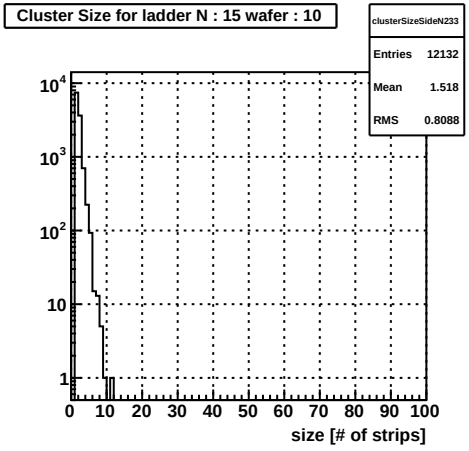

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 21010
Mean 1.445
RMS 0.7361
size [# of strips]

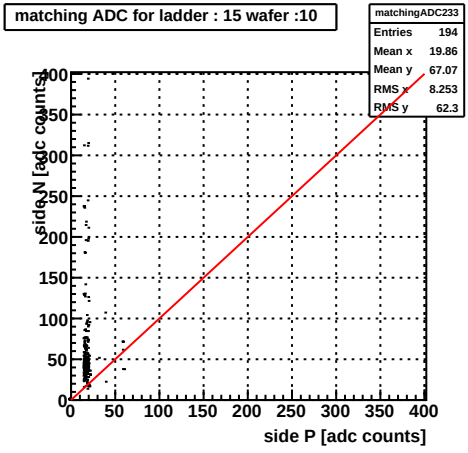

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1595
Mean x 65.38
Mean y 61.52
RMS x 50.55
RMS y 45.05
side N [adc counts]
side P [adc counts]

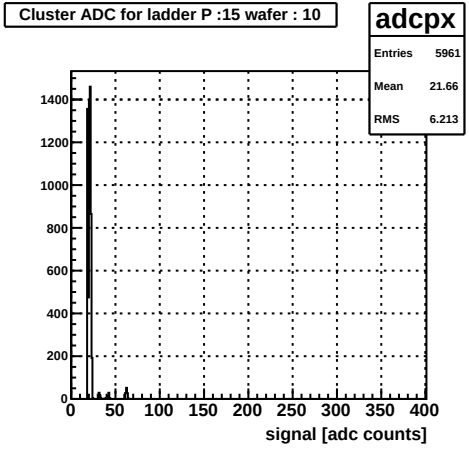

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2508
Mean 73.8
RMS 55.9
signal [adc counts]

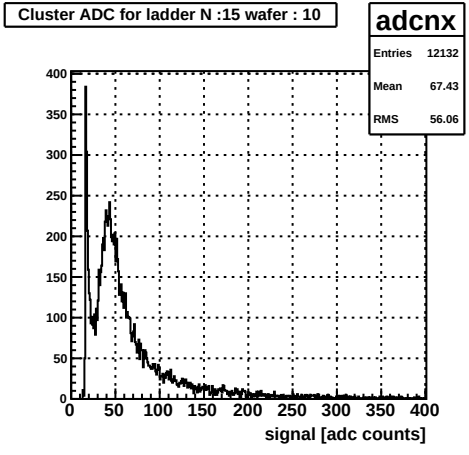

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 21010
Mean 51.6
RMS 49.35
signal [adc counts]

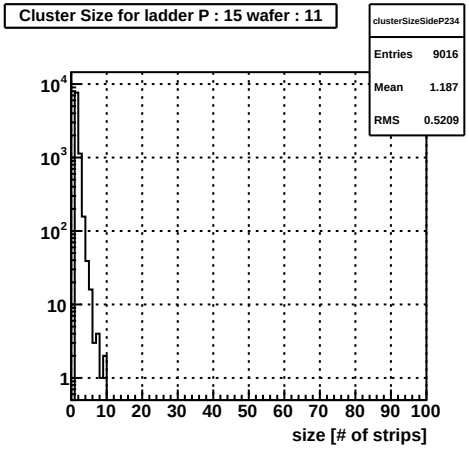

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 5961
Mean 1.054
RMS 0.2972
size [# of strips]

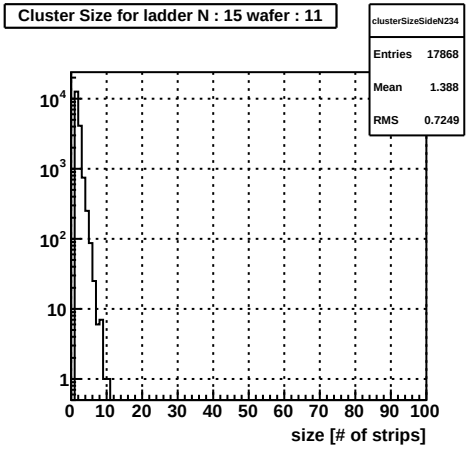

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 12132
Mean 1.518
RMS 0.8088
size [# of strips]

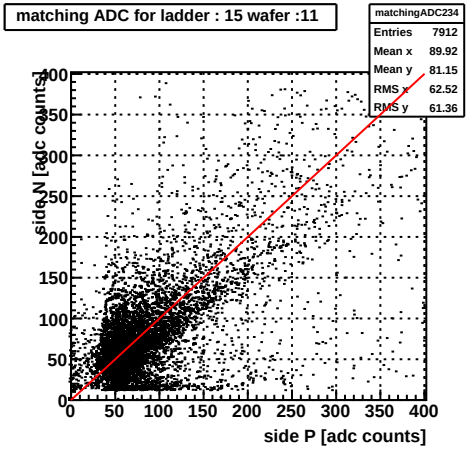

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 194
Mean x 19.86
Mean y 67.07
RMS x 8.253
RMS y 62.3
side N [adc counts]
side P [adc counts]

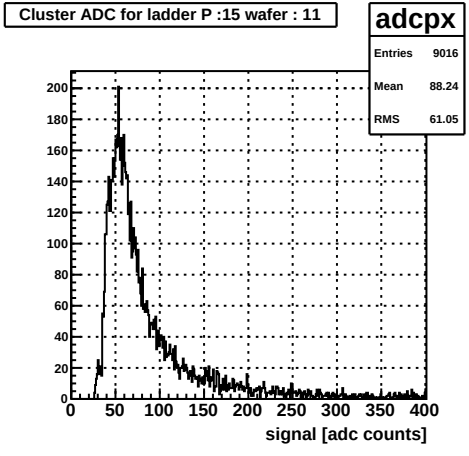

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 5961
Mean 21.66
RMS 6.213
signal [adc counts]

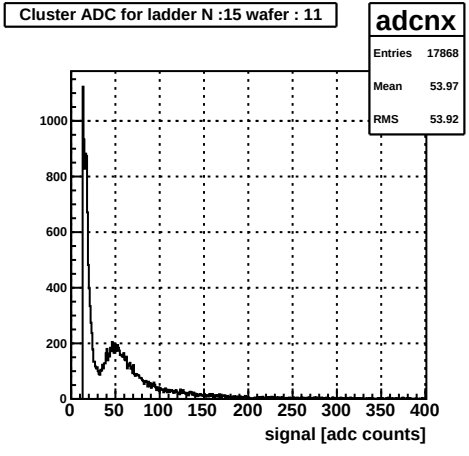

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 12132
Mean 67.43
RMS 56.06
signal [adc counts]

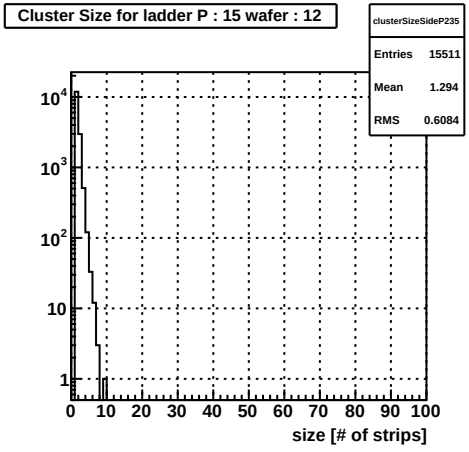

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 9016
Mean 1.187
RMS 0.5209
size [# of strips]

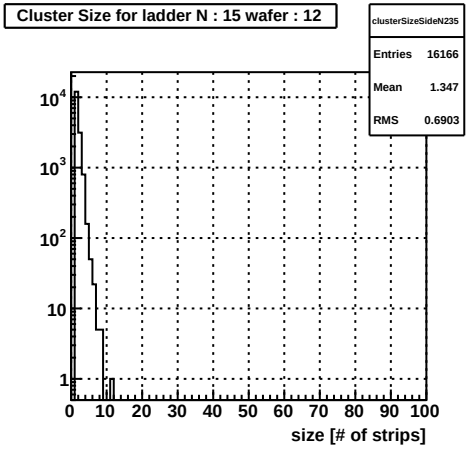

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 17868
Mean 1.388
RMS 0.7249
size [# of strips]

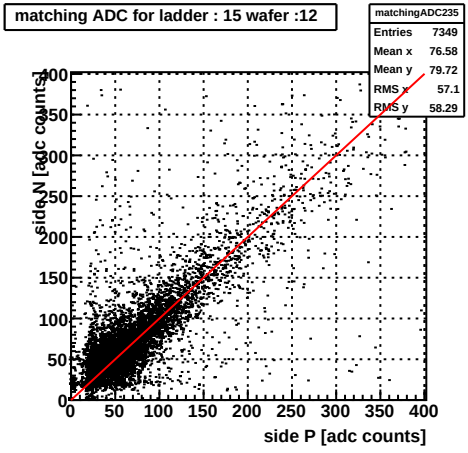

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 7912
Mean x 89.92
Mean y 81.15
RMS x 62.52
RMS y 61.36
side N [adc counts]
side P [adc counts]

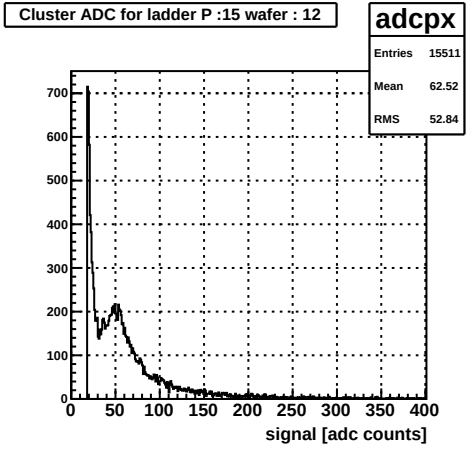

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 9016
Mean 88.24
RMS 61.05
signal [adc counts]

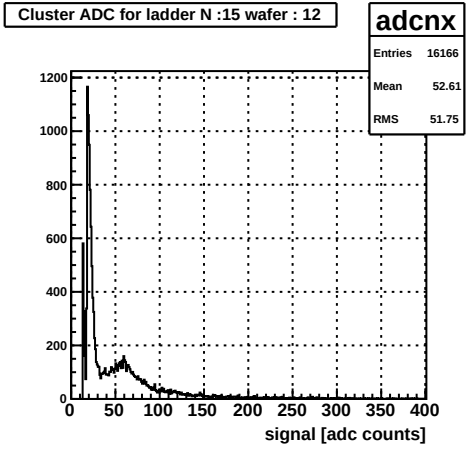

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 17868
Mean 53.97
RMS 53.92
signal [adc counts]

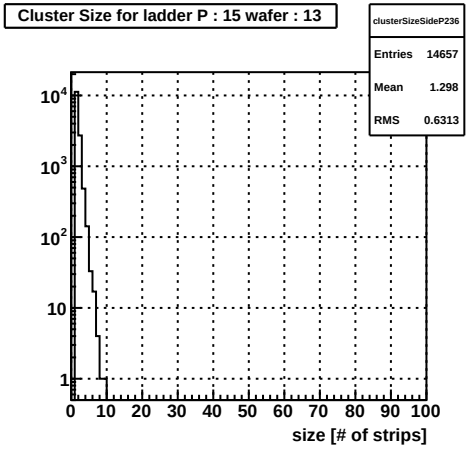

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 15511
Mean 1.294
RMS 0.6084
size [# of strips]

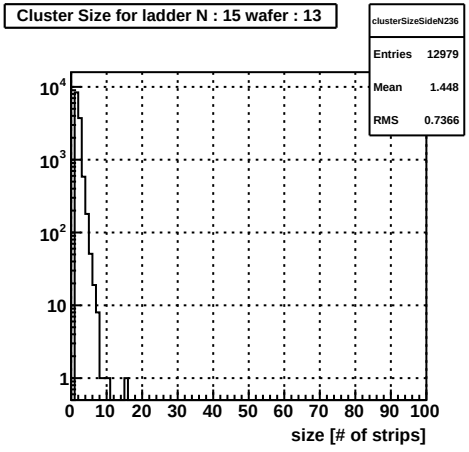

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 16166
Mean 1.347
RMS 0.6903
size [# of strips]

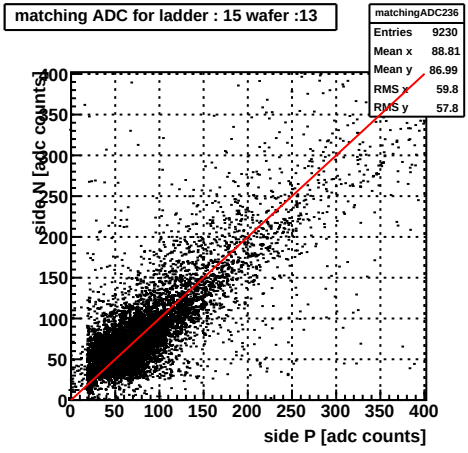

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 7349
Mean x 76.58
Mean y 79.72
RMS x 57.1
RMS y 58.29
side N [adc counts]
side P [adc counts]

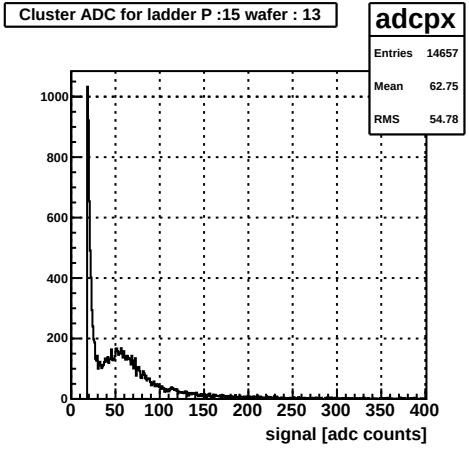

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 15511
Mean 62.52
RMS 52.84
signal [adc counts]

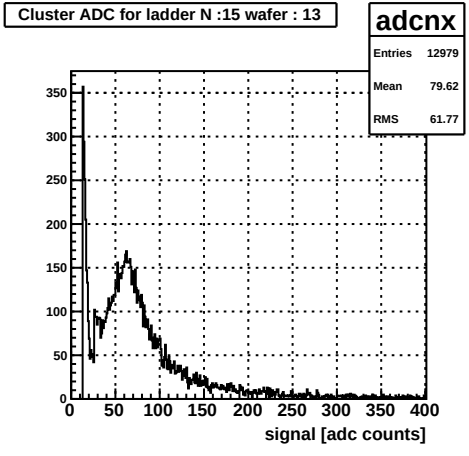

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 16166
Mean 52.61
RMS 51.75
signal [adc counts]

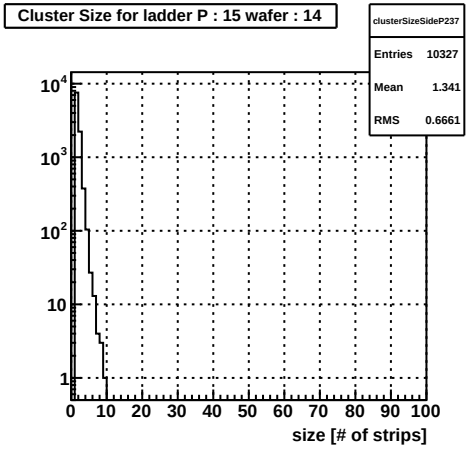

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 14657
Mean 1.298
RMS 0.6313
size [# of strips]

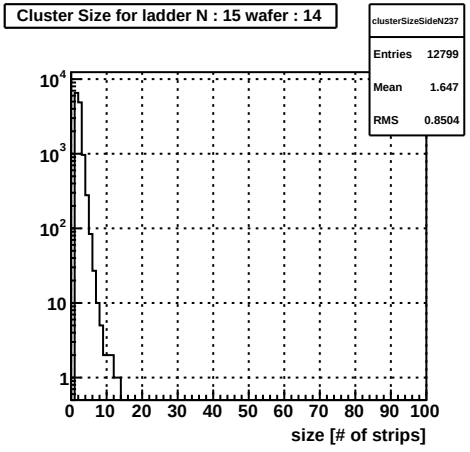

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 12979
Mean 1.448
RMS 0.7366
size [# of strips]

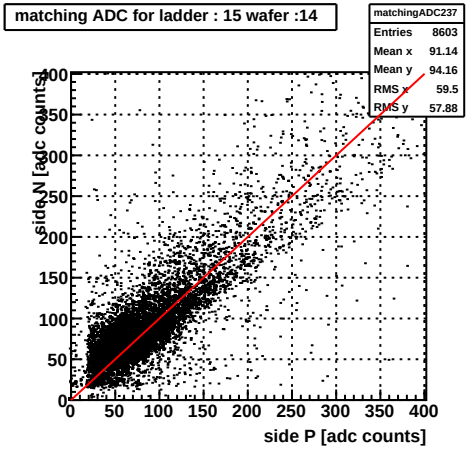

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 9230
Mean x 88.81
Mean y 86.99
RMS x 59.8
RMS y 57.8
side N [adc counts]
side P [adc counts]

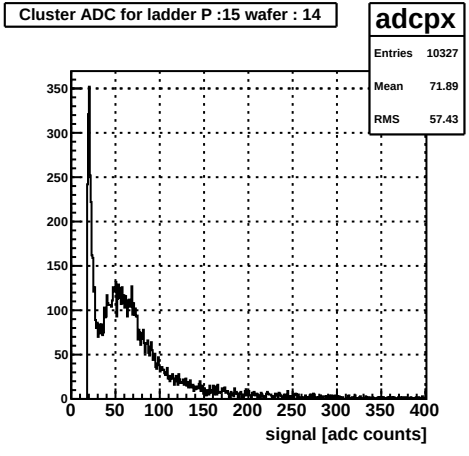

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 14657
Mean 62.75
RMS 54.78
signal [adc counts]

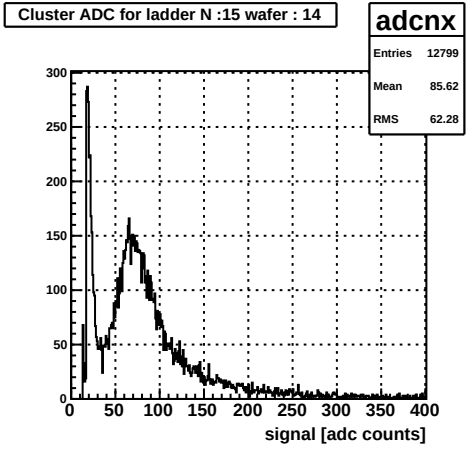

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 12979
Mean 79.62
RMS 61.77
signal [adc counts]

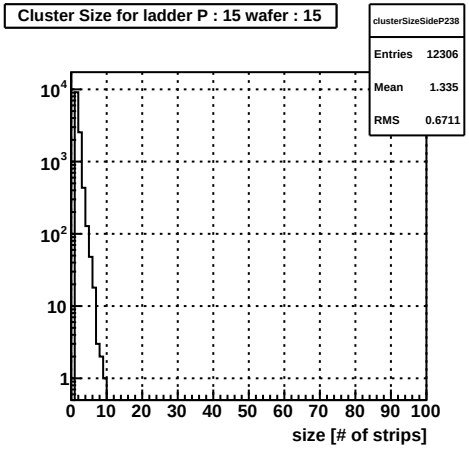

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 10327
Mean 1.341
RMS 0.6661
size [# of strips]

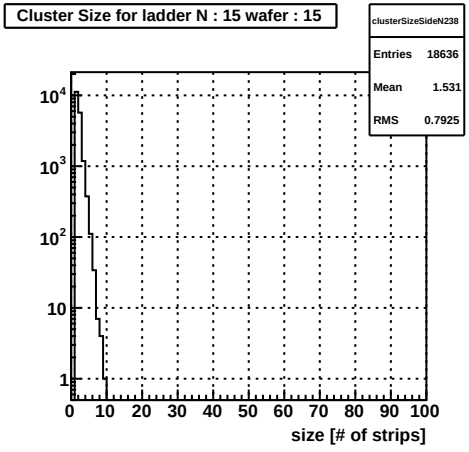

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 12799
Mean 1.647
RMS 0.8504
size [# of strips]

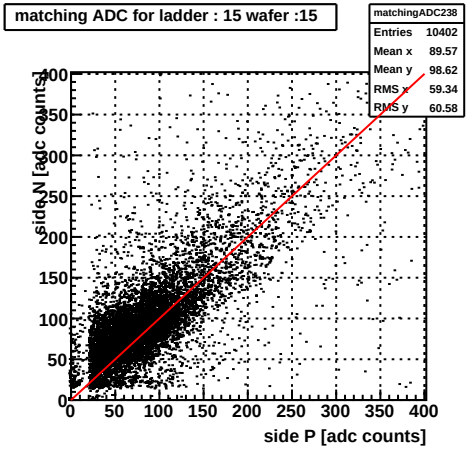

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 8603
Mean x 91.14
Mean y 94.16
RMS x 59.5
RMS y 57.88
side N [adc counts]
side P [adc counts]

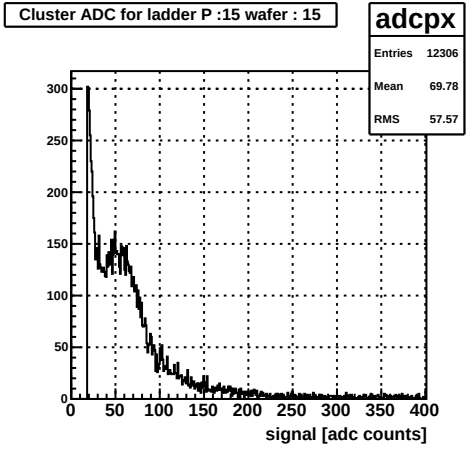

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 10327
Mean 71.89
RMS 57.43
signal [adc counts]

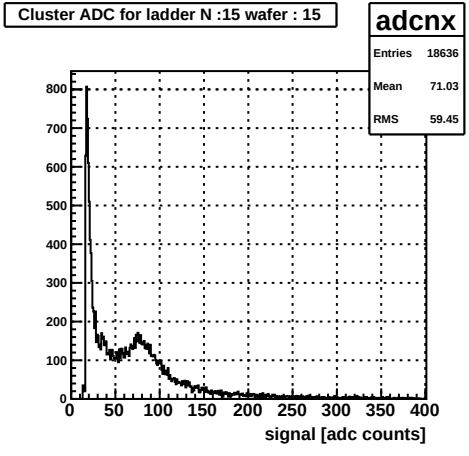

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 12799
Mean 85.62
RMS 62.28
signal [adc counts]

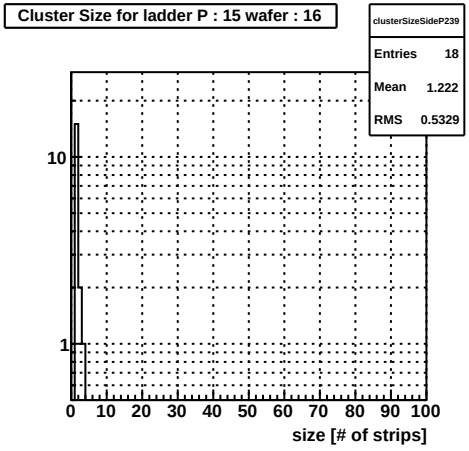

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 12306
Mean 1.335
RMS 0.6711
size [# of strips]

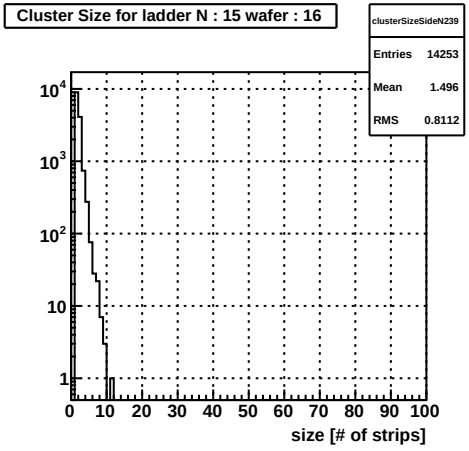

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 18636
Mean 1.531
RMS 0.7925
size [# of strips]

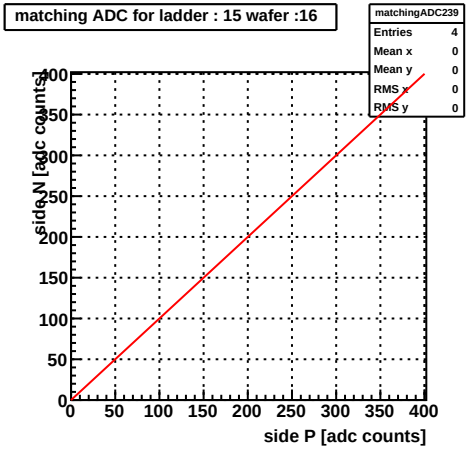

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 10402
Mean x 89.57
Mean y 98.62
RMS x 59.34
RMS y 60.58
side N [adc counts]
side P [adc counts]

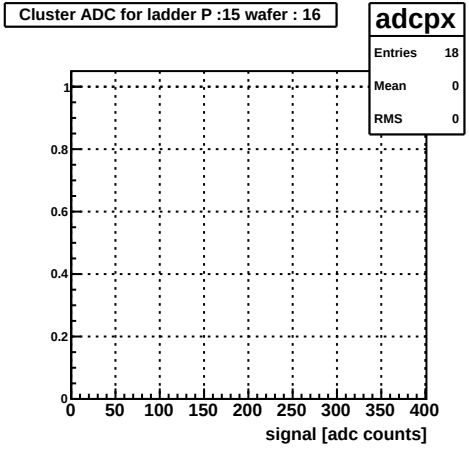

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 12306
Mean 69.78
RMS 57.57
signal [adc counts]

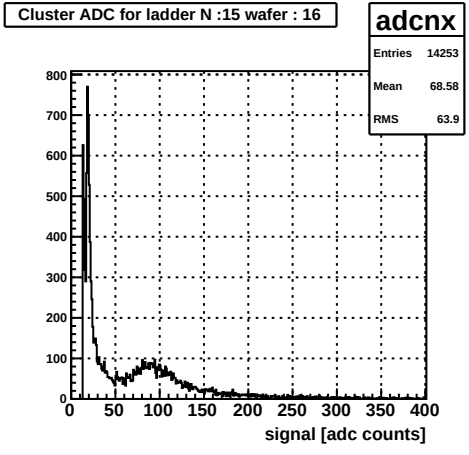

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 18636
Mean 71.03
RMS 59.45
signal [adc counts]

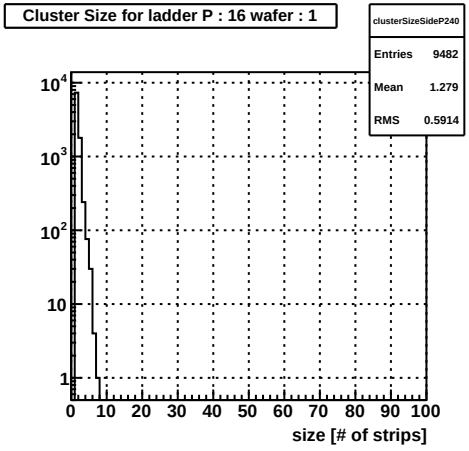

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 18
Mean 1.222
RMS 0.5329
size [# of strips]

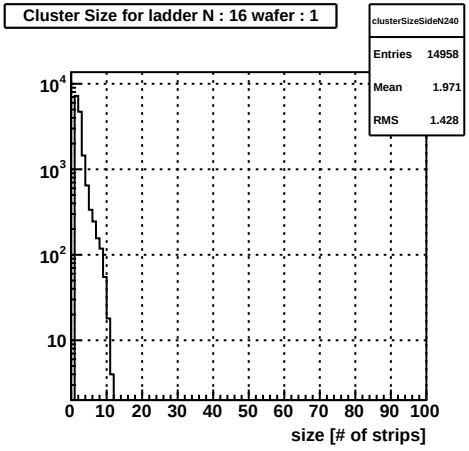

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 14253
Mean 1.496
RMS 0.8112
size [# of strips]

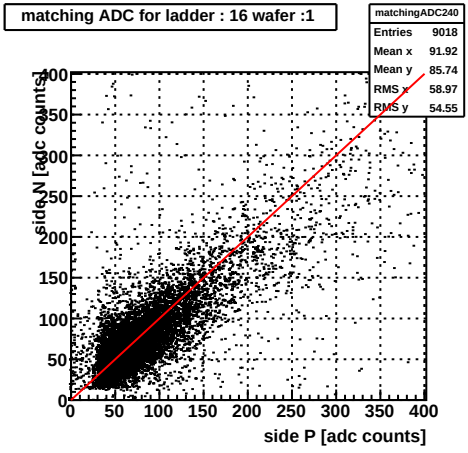

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

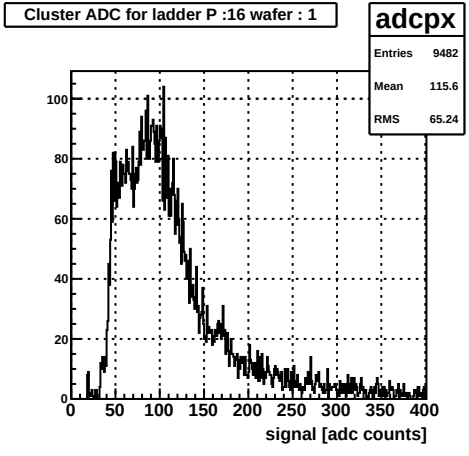

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 18
Mean 0
RMS 0
signal [adc counts]

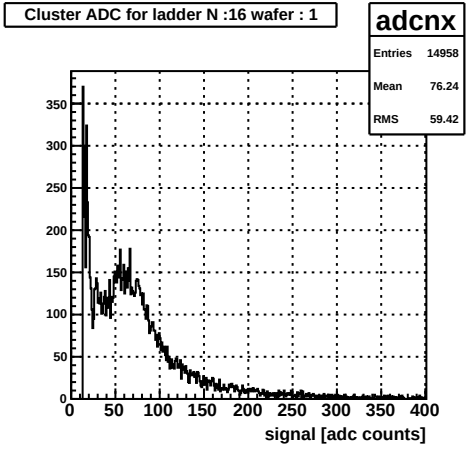

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 14253
Mean 68.58
RMS 63.9
signal [adc counts]

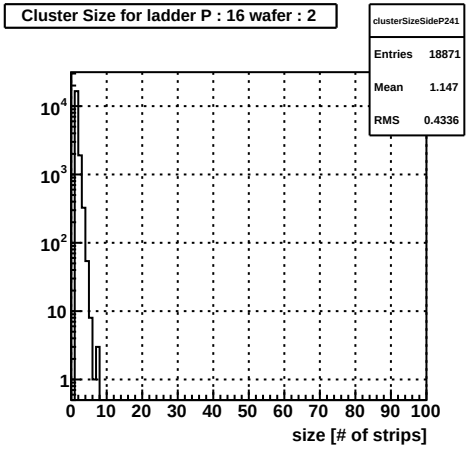

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 9482
Mean 1.279
RMS 0.5914
size [# of strips]

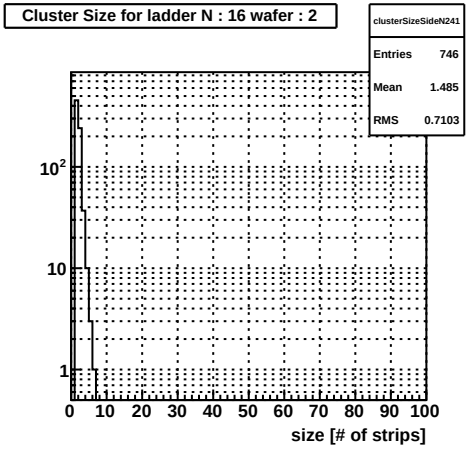

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 14958
Mean 1.971
RMS 1.428
size [# of strips]

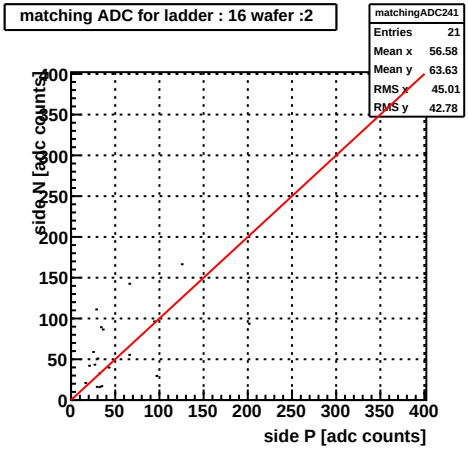

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 9018
Mean x 91.92
Mean y 85.74
RMS x 58.97
RMS y 54.55
side N [adc counts]
side P [adc counts]

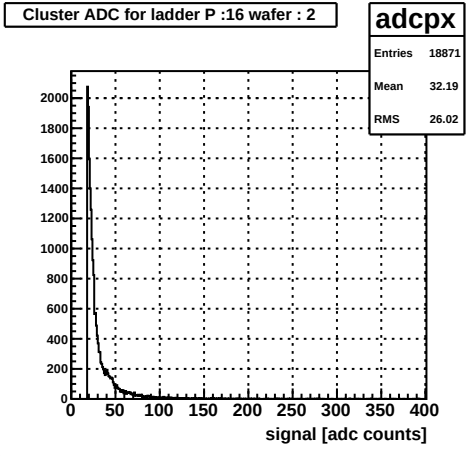

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 9482
Mean 115.6
RMS 65.24
signal [adc counts]

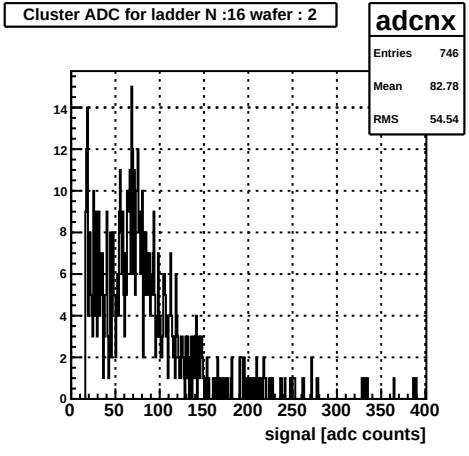

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 14958
Mean 76.24
RMS 59.42
signal [adc counts]

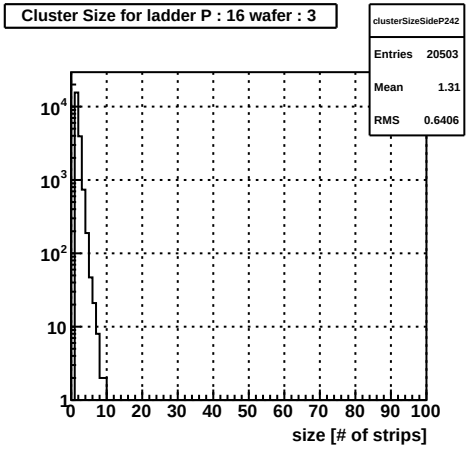

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 18871
Mean 1.147
RMS 0.4336
size [# of strips]

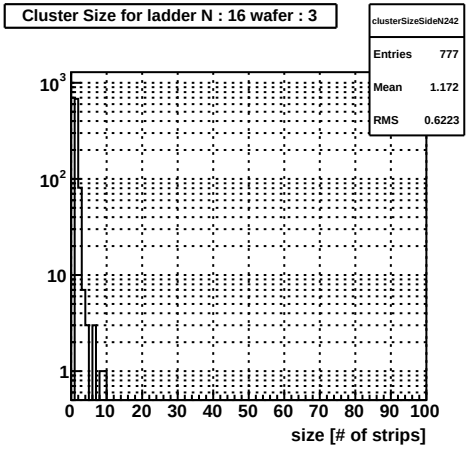

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 746
Mean 1.485
RMS 0.7103
size [# of strips]

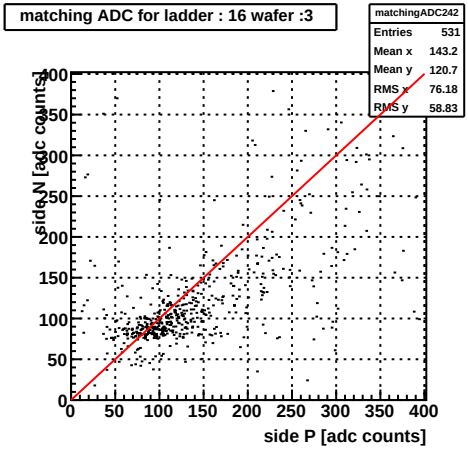

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 21
Mean x 56.58
Mean y 63.63
RMS x 45.01
RMS y 42.78
side N [adc counts]
side P [adc counts]

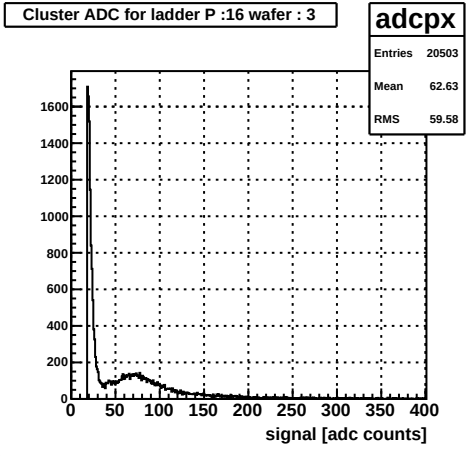

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 18871
Mean 32.19
RMS 26.02
signal [adc counts]

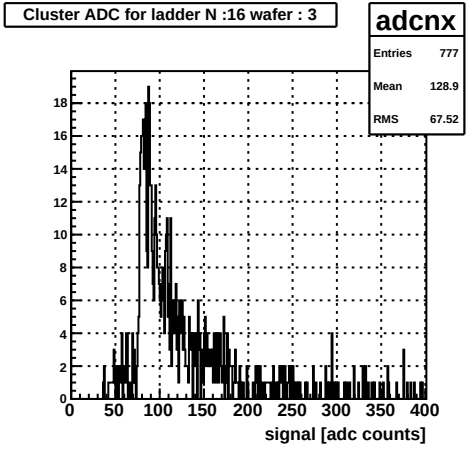

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 746
Mean 82.78
RMS 54.54
signal [adc counts]

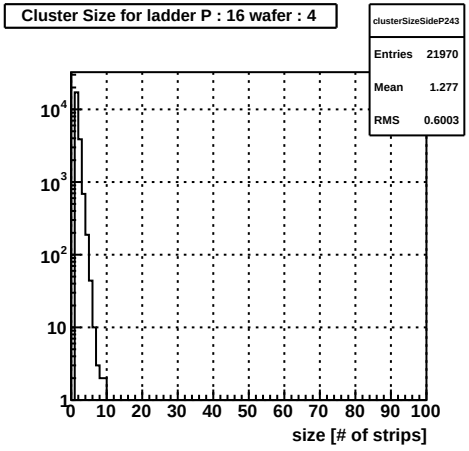

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 20503
Mean 1.31
RMS 0.6406
size [# of strips]

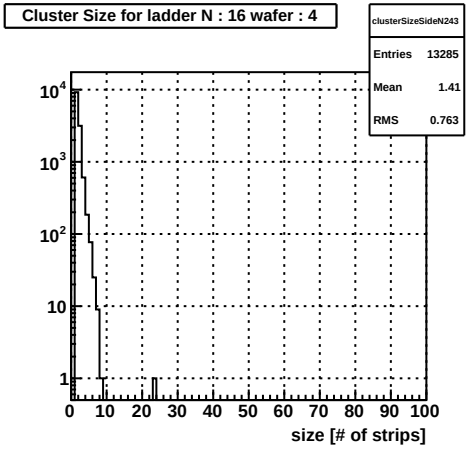

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 777
Mean 1.172
RMS 0.6223
size [# of strips]

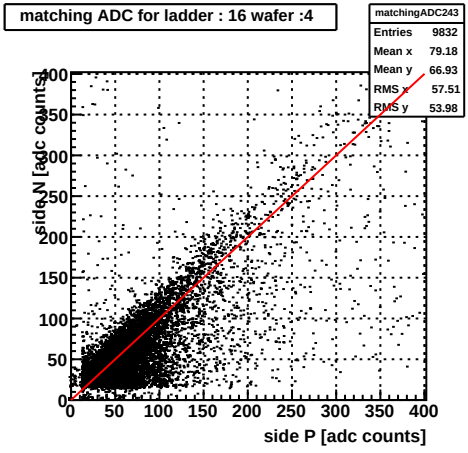

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 531
Mean x 143.2
Mean y 120.7
RMS x 76.18
RMS y 58.83
side N [adc counts]
side P [adc counts]

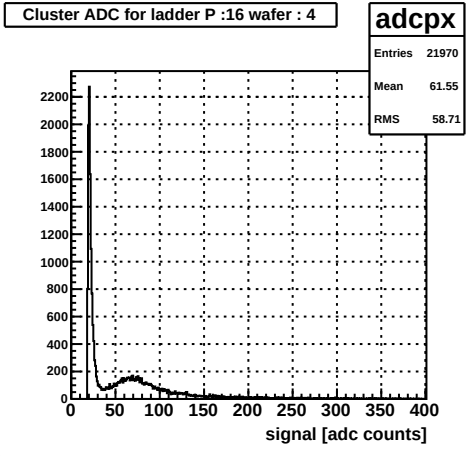

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 20503
Mean 62.63
RMS 59.58
signal [adc counts]

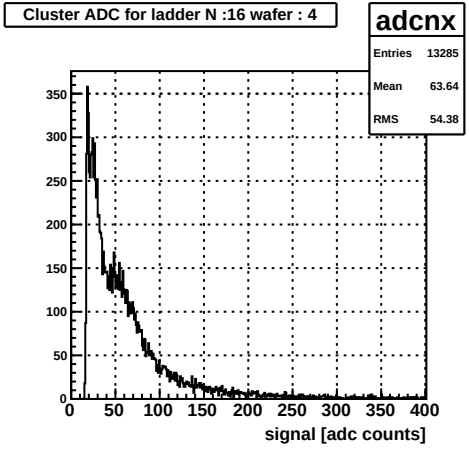

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 777
Mean 128.9
RMS 67.52
signal [adc counts]

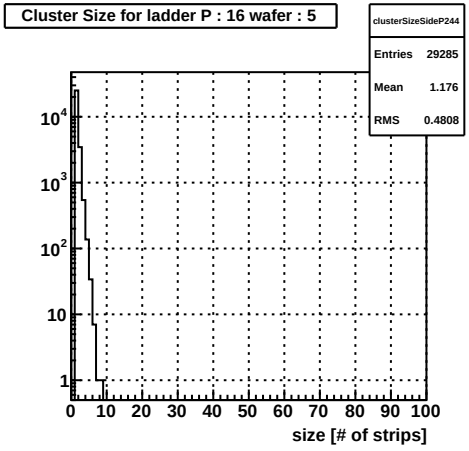

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 21970
Mean 1.277
RMS 0.6003
size [# of strips]

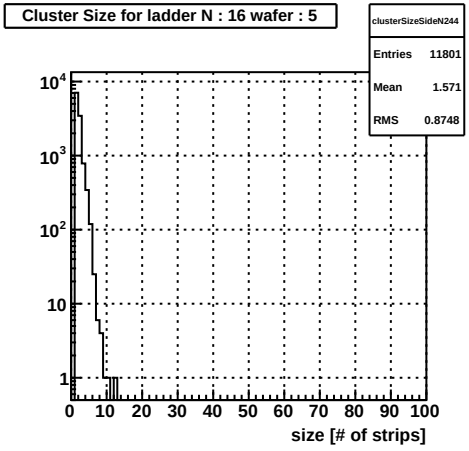

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 13285
Mean 1.41
RMS 0.763
size [# of strips]

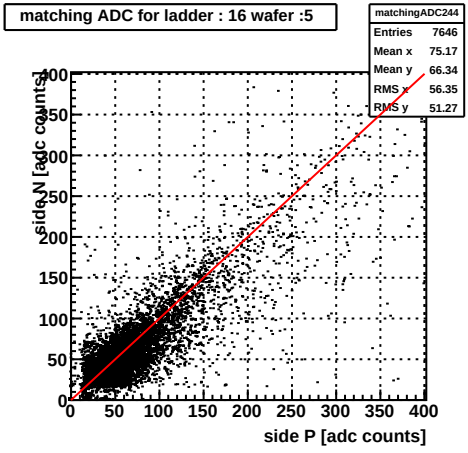

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 9832
Mean x 79.18
Mean y 66.93
RMS x 57.51
RMS y 53.98
side N [adc counts]
side P [adc counts]

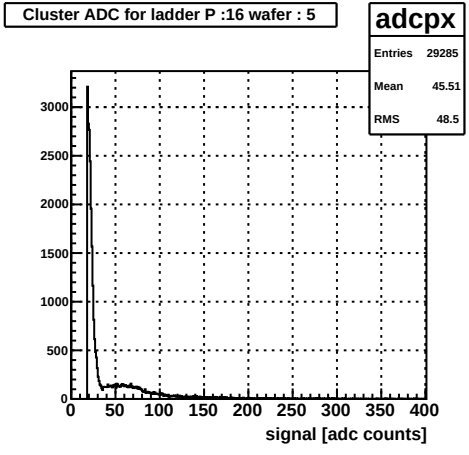

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 21970
Mean 61.55
RMS 58.71
signal [adc counts]

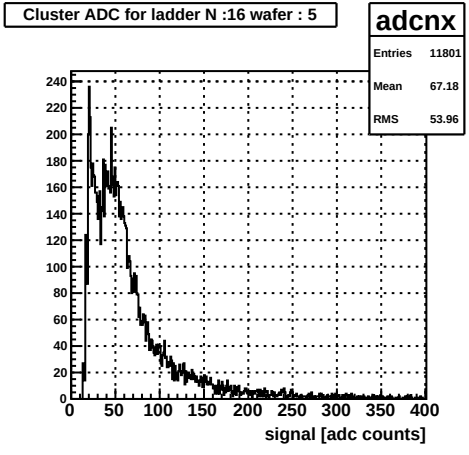

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 13285
Mean 63.64
RMS 54.38
signal [adc counts]

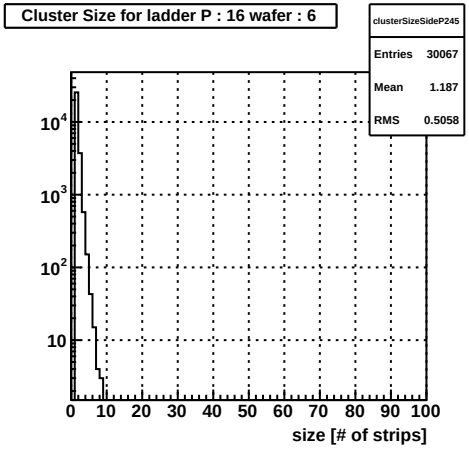

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 29285
Mean 1.176
RMS 0.4808
size [# of strips]

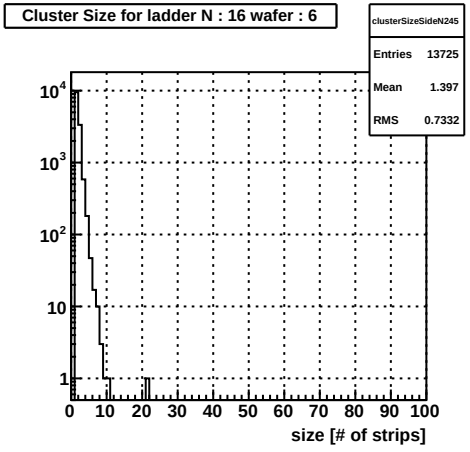

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 11801
Mean 1.571
RMS 0.8748
size [# of strips]

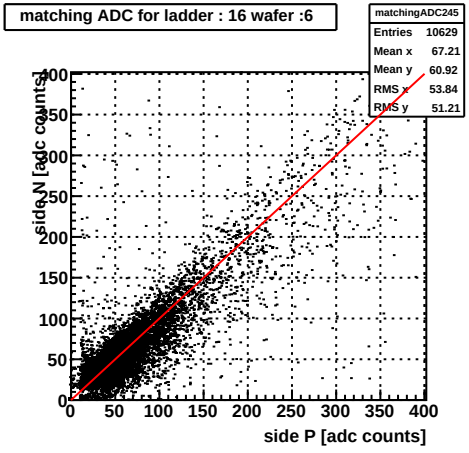

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 7646
Mean x 75.17
Mean y 66.34
RMS x 56.35
RMS y 51.27
side N [adc counts]
side P [adc counts]

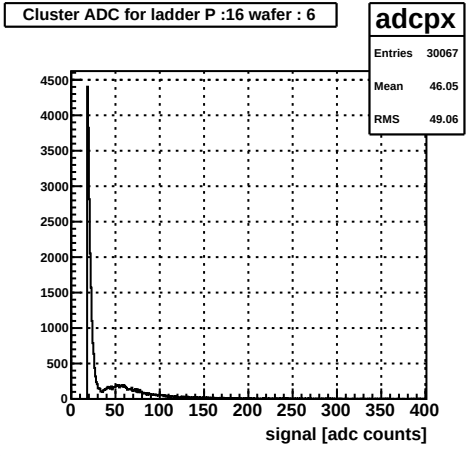

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 29285
Mean 45.51
RMS 48.5
signal [adc counts]

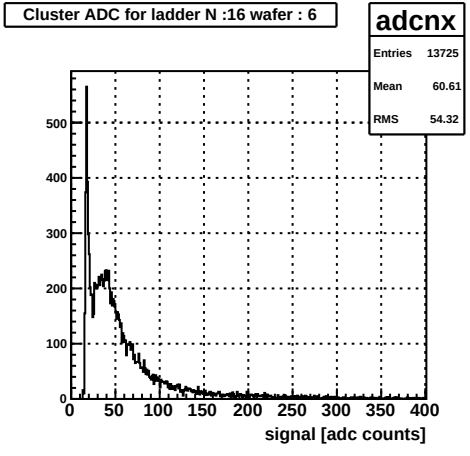

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 11801
Mean 67.18
RMS 53.96
signal [adc counts]

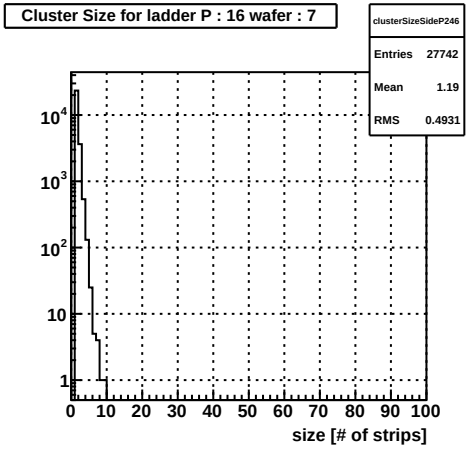

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 30067
Mean 1.187
RMS 0.5058
size [# of strips]

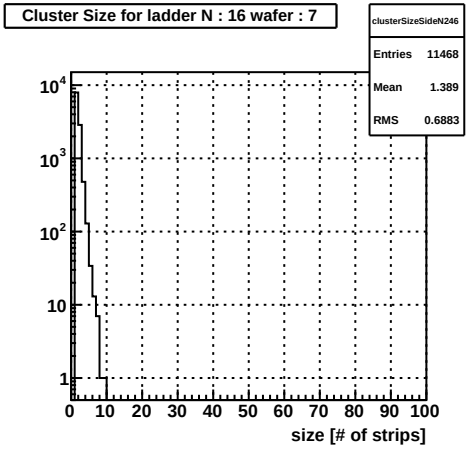

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 13725
Mean 1.397
RMS 0.7332
size [# of strips]

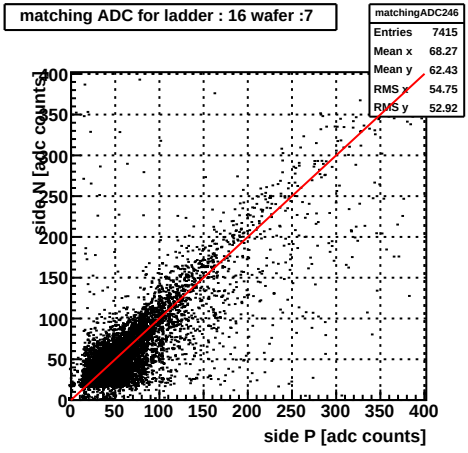

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 10629
Mean x 67.21
Mean y 60.92
RMS x 53.84
RMS y 51.21
side N [adc counts]
side P [adc counts]

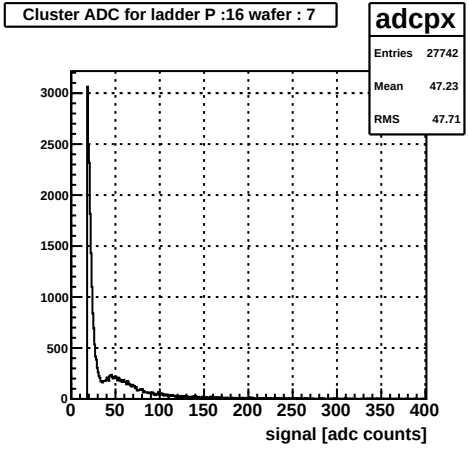

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 30067
Mean 46.05
RMS 49.06
signal [adc counts]

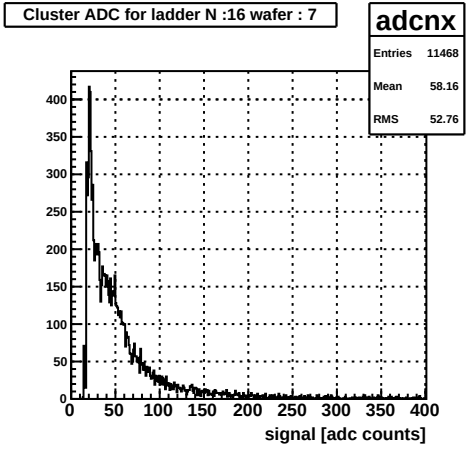

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 13725
Mean 60.61
RMS 54.32
signal [adc counts]

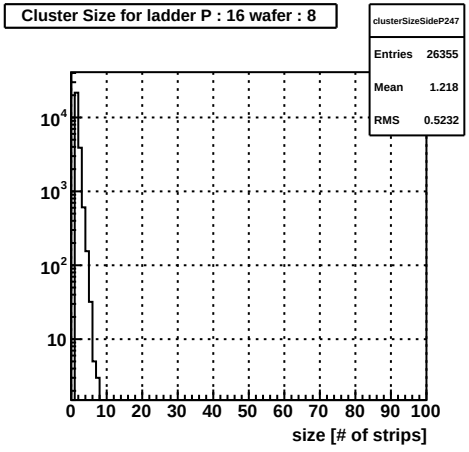

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 27742
Mean 1.19
RMS 0.4931
size [# of strips]

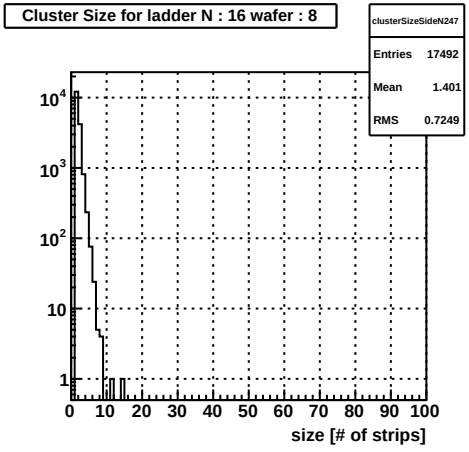

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 11468
Mean 1.389
RMS 0.6883
size [# of strips]

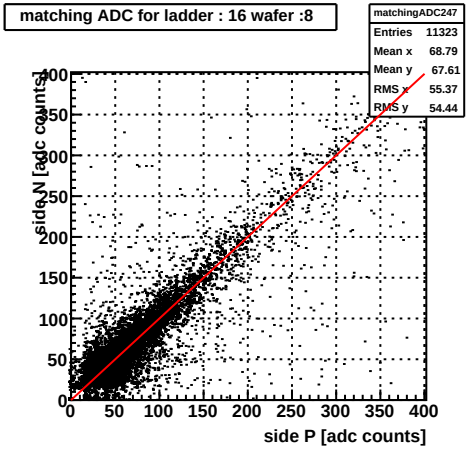

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 7415
Mean x 68.27
Mean y 62.43
RMS x 54.75
RMS y 52.92
side N [adc counts]
side P [adc counts]

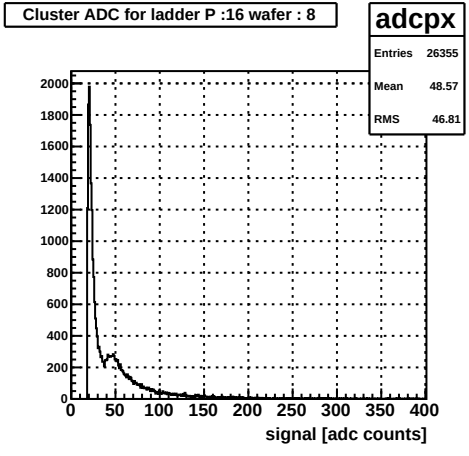

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 27742
Mean 47.23
RMS 47.71
signal [adc counts]

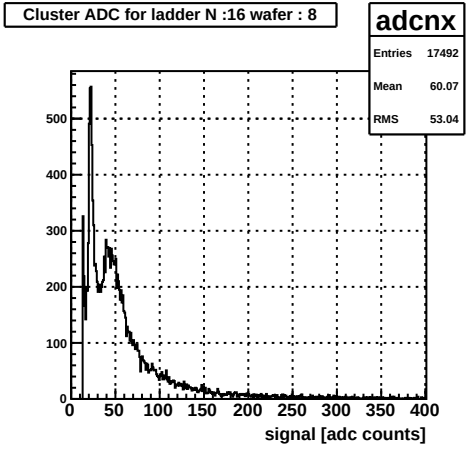

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 11468
Mean 58.16
RMS 52.76
signal [adc counts]

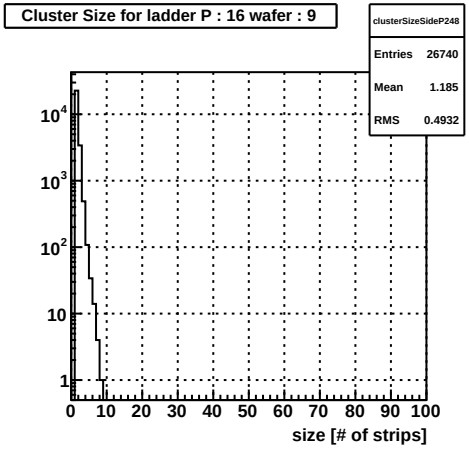

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 26355
Mean 1.218
RMS 0.5232
size [# of strips]

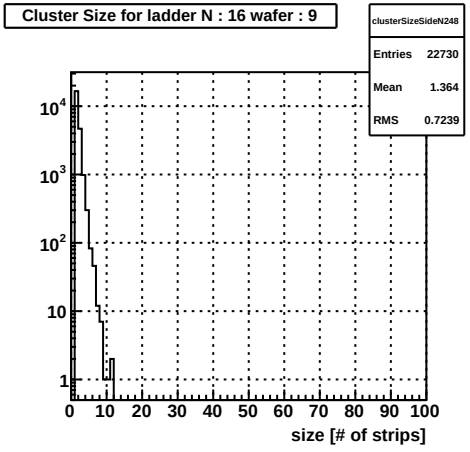

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 17492
Mean 1.401
RMS 0.7249
size [# of strips]

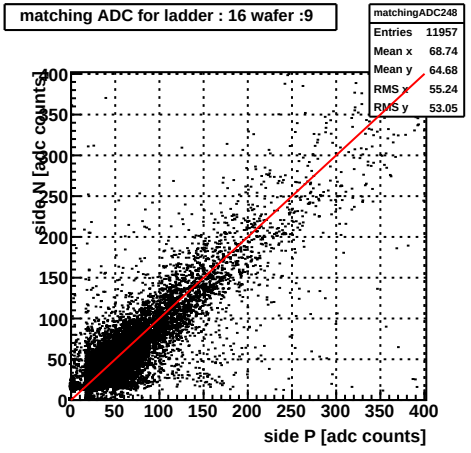

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 11323
Mean x 68.79
Mean y 67.61
RMS x 55.37
RMS y 54.44
side N [adc counts]
side P [adc counts]

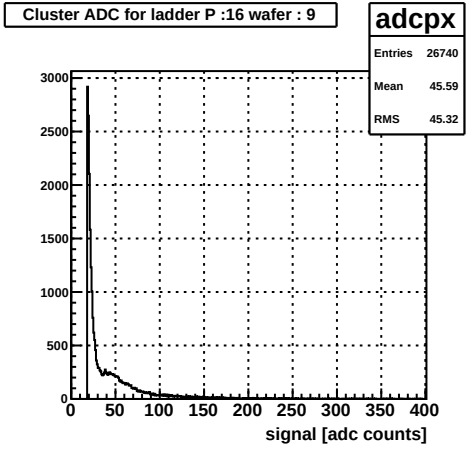

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 26355
Mean 48.57
RMS 46.81
signal [adc counts]

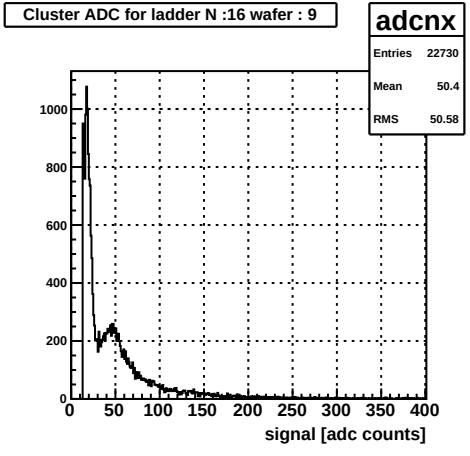

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 17492
Mean 60.07
RMS 53.04
signal [adc counts]

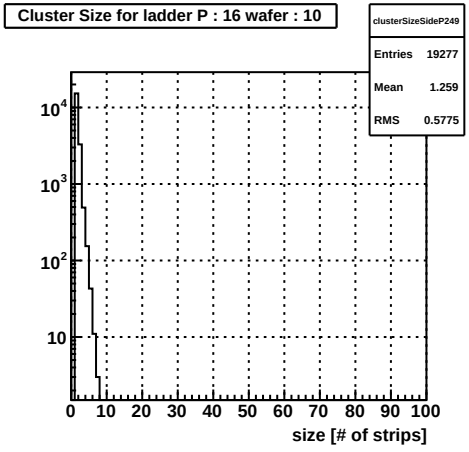

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 26740
Mean 1.185
RMS 0.4932
size [# of strips]

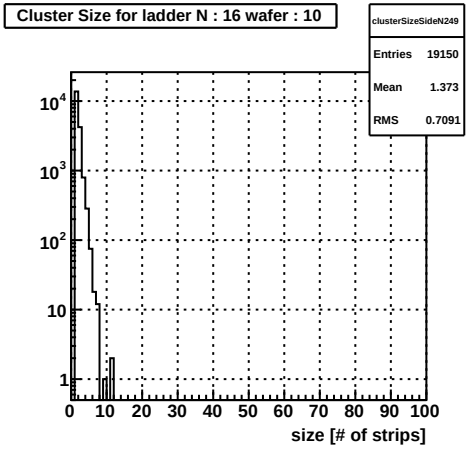

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 22730
Mean 1.364
RMS 0.7239
size [# of strips]

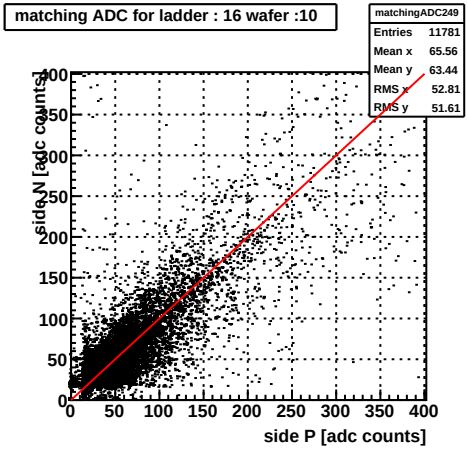

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 11957
Mean x 68.74
Mean y 64.68
RMS x 55.24
RMS y 53.05
side N [adc counts]
side P [adc counts]

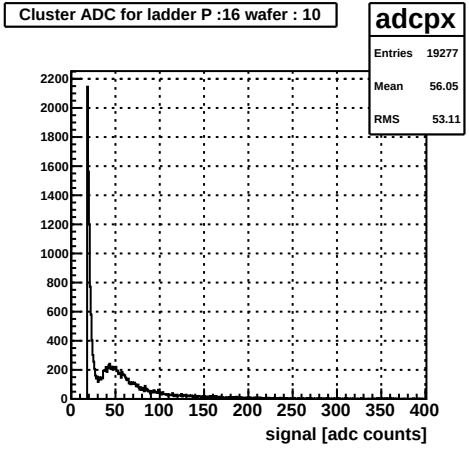

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 26740
Mean 45.59
RMS 45.32
signal [adc counts]

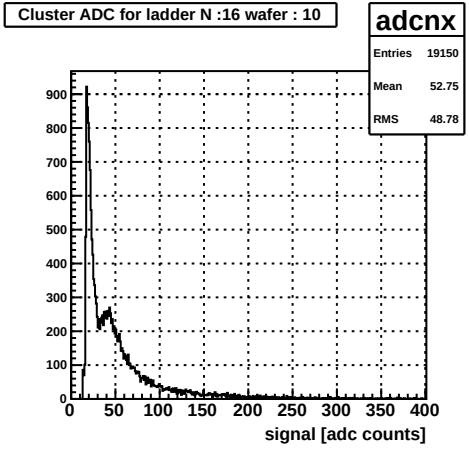

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 22730
Mean 50.4
RMS 50.58
signal [adc counts]

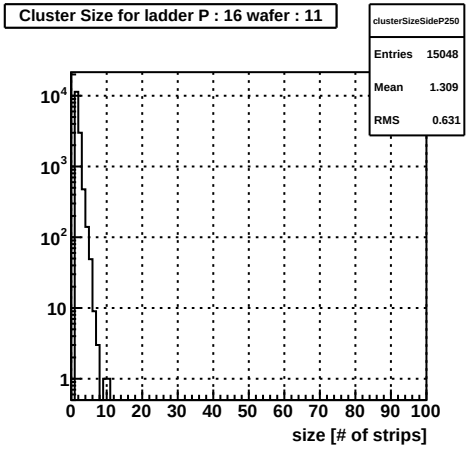

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 19277
Mean 1.259
RMS 0.5775
size [# of strips]

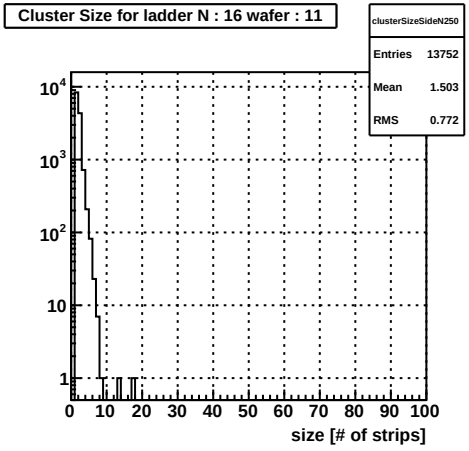

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 19150
Mean 1.373
RMS 0.7091
size [# of strips]

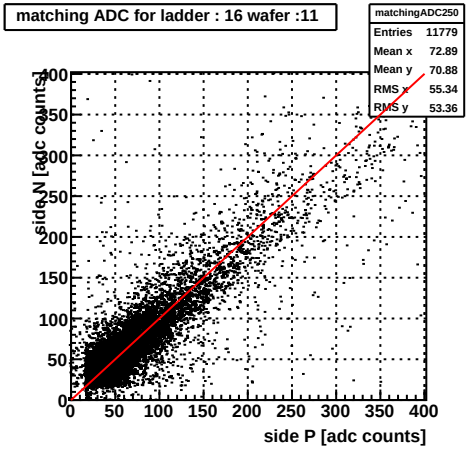

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 11781
Mean x 65.56
Mean y 63.44
RMS x 52.81
RMS y 51.61
side N [adc counts]
side P [adc counts]

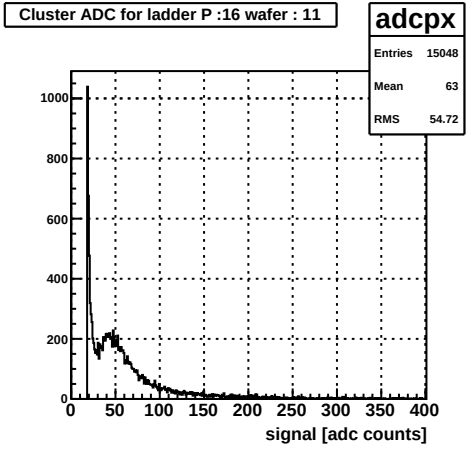

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 19277
Mean 56.05
RMS 53.11
signal [adc counts]

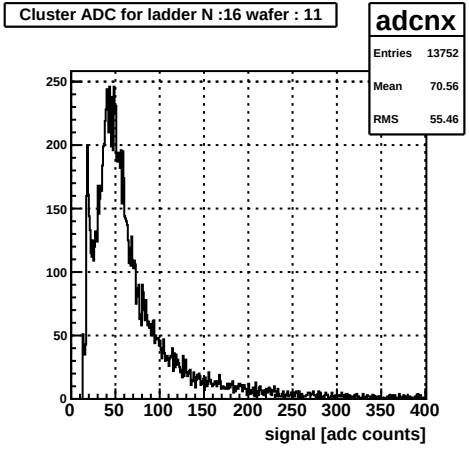

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 19150
Mean 52.75
RMS 48.78
signal [adc counts]

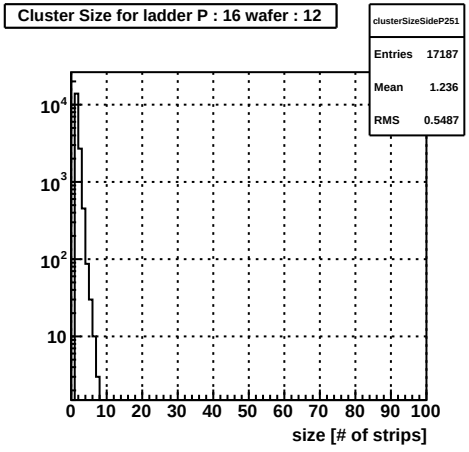

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 15048
Mean 1.309
RMS 0.631
size [# of strips]

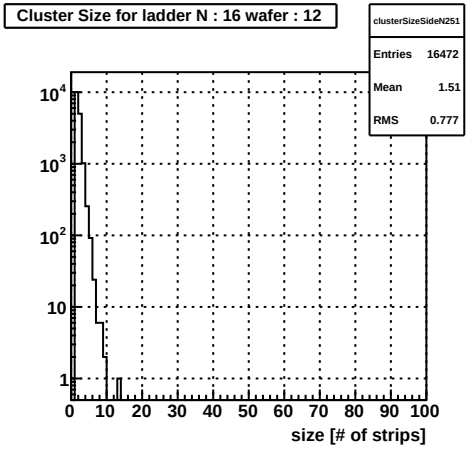

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 13752
Mean 1.503
RMS 0.772
size [# of strips]

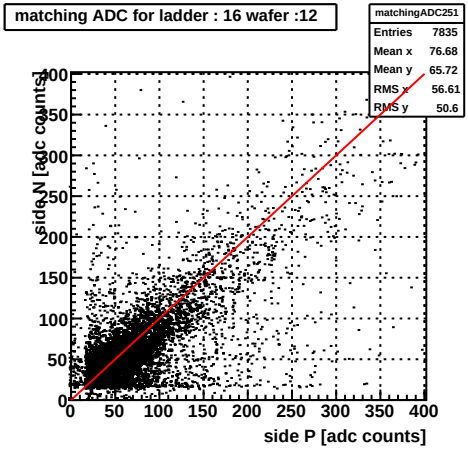

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 11779
Mean x 72.89
Mean y 70.88
RMS x 55.34
RMS y 53.36
side N [adc counts]
side P [adc counts]

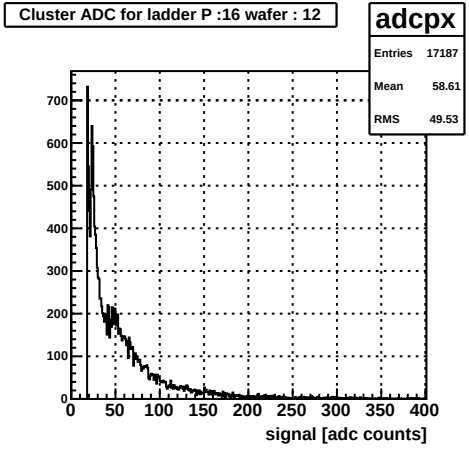

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 15048
Mean 63
RMS 54.72
signal [adc counts]

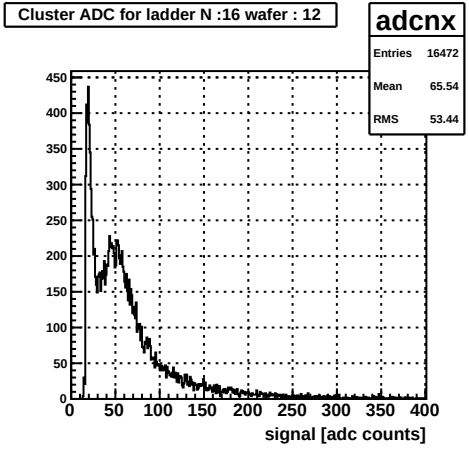

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 13752
Mean 70.56
RMS 55.46
signal [adc counts]

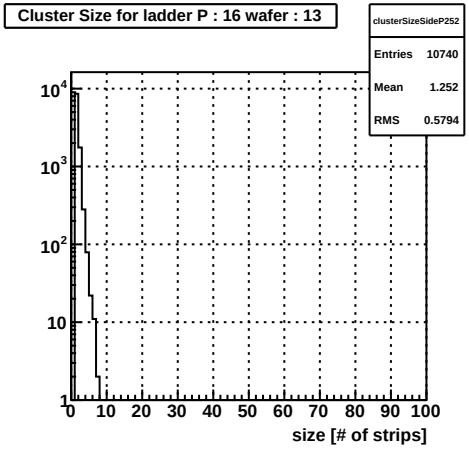

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 17187
Mean 1.236
RMS 0.5487
size [# of strips]

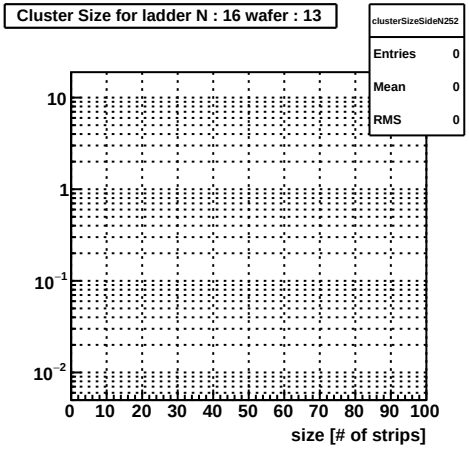

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 16472
Mean 1.51
RMS 0.777
size [# of strips]

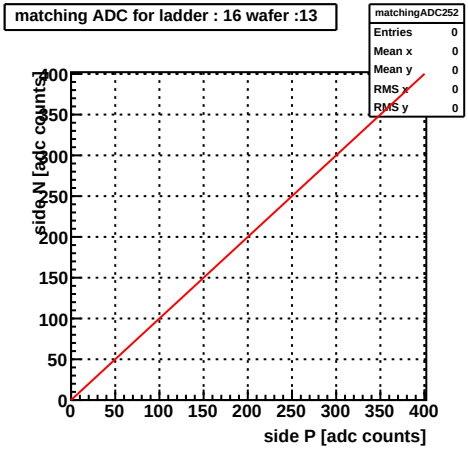

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 7835
Mean x 76.68
Mean y 65.72
RMS x 56.61
RMS y 50.6
side N [adc counts]
side P [adc counts]

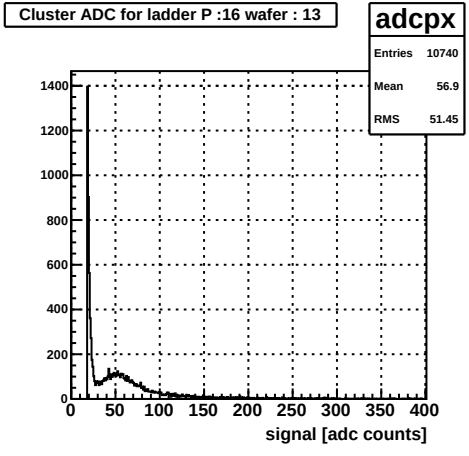

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 17187
Mean 58.61
RMS 49.53
signal [adc counts]

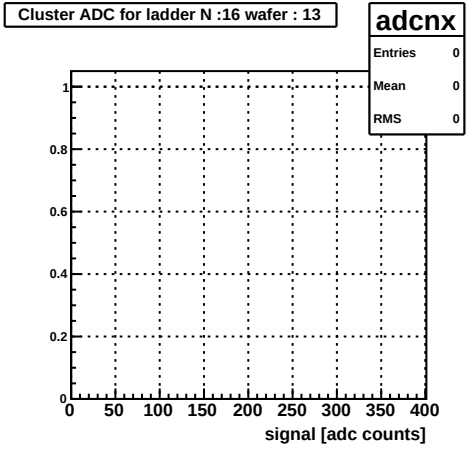

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 16472
Mean 65.54
RMS 53.44
signal [adc counts]

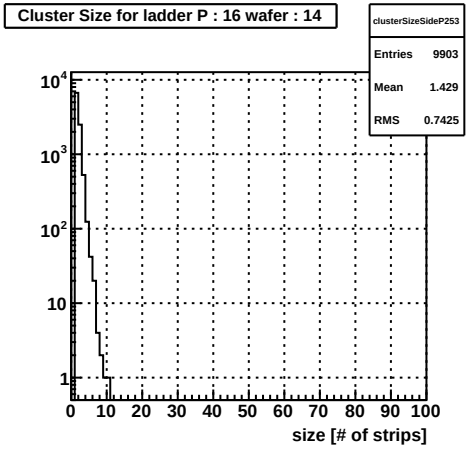

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 10740
Mean 1.252
RMS 0.5794
size [# of strips]

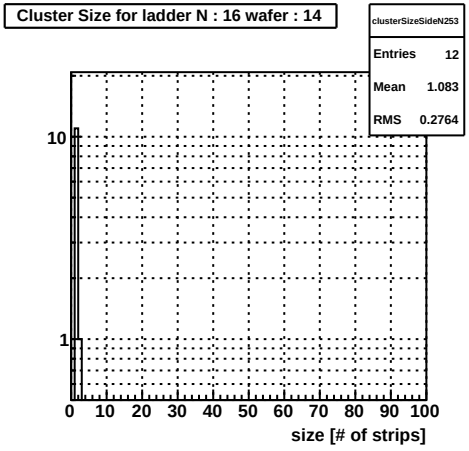

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

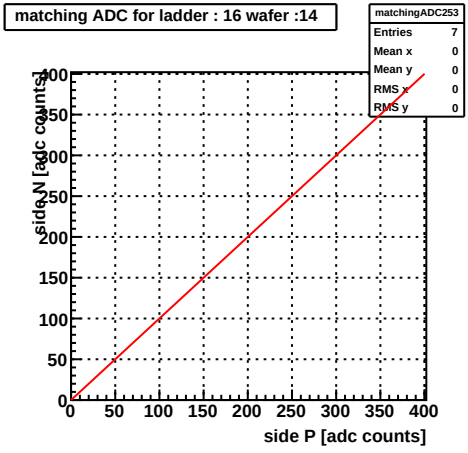

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

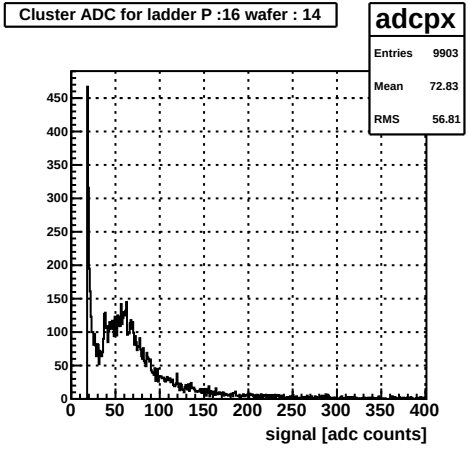

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 10740
Mean 56.9
RMS 51.45
signal [adc counts]

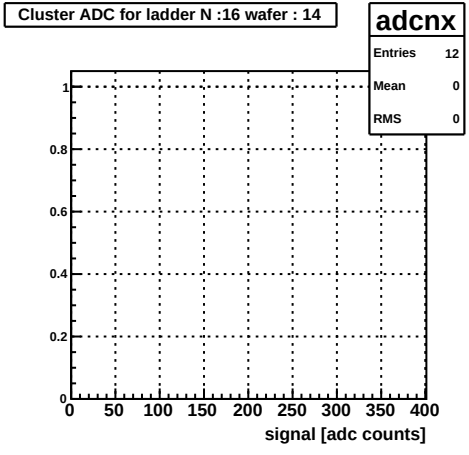

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

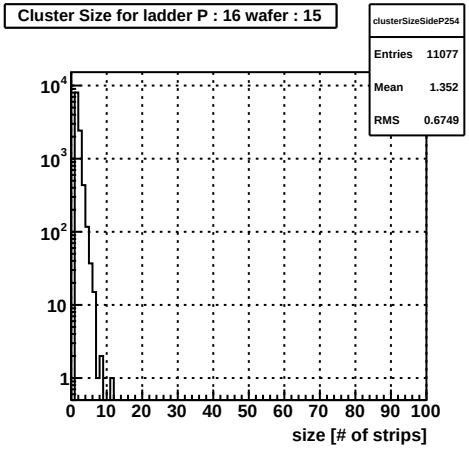

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 9903
Mean 1.429
RMS 0.7425
size [# of strips]

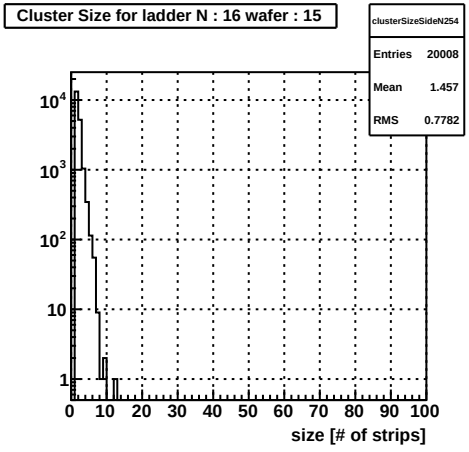

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 12
Mean 1.083
RMS 0.2764
size [# of strips]

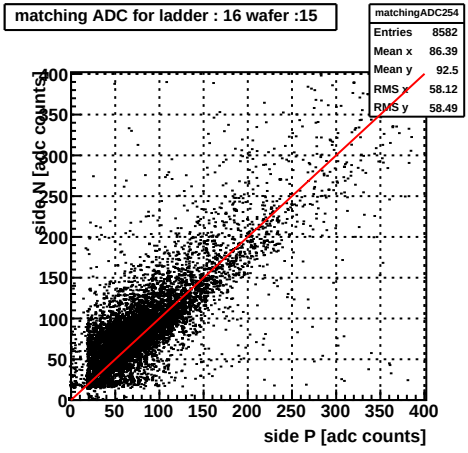

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

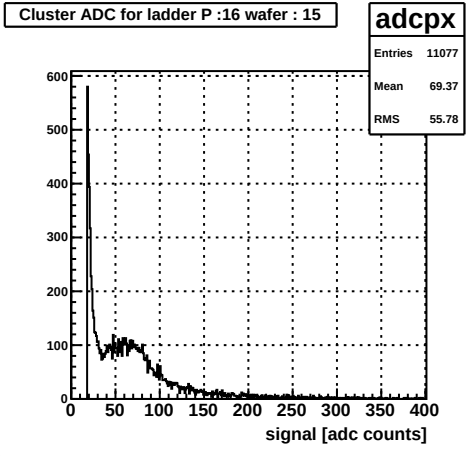

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 9903
Mean 72.83
RMS 56.81
signal [adc counts]

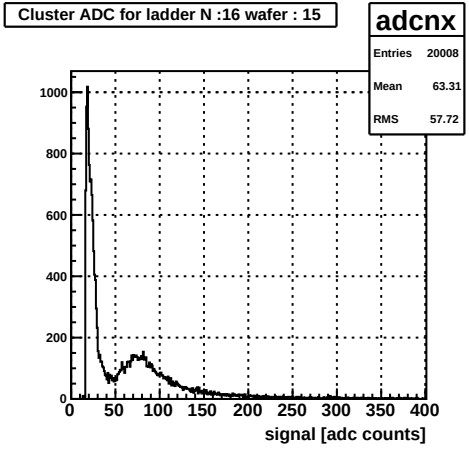

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 12
Mean 0
RMS 0
signal [adc counts]

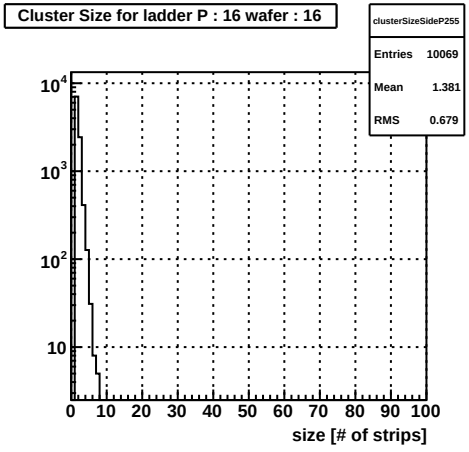

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 11077
Mean 1.352
RMS 0.6749
size [# of strips]

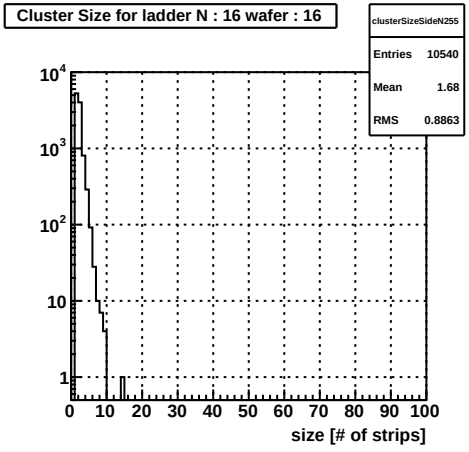

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 20008
Mean 1.457
RMS 0.7782
size [# of strips]

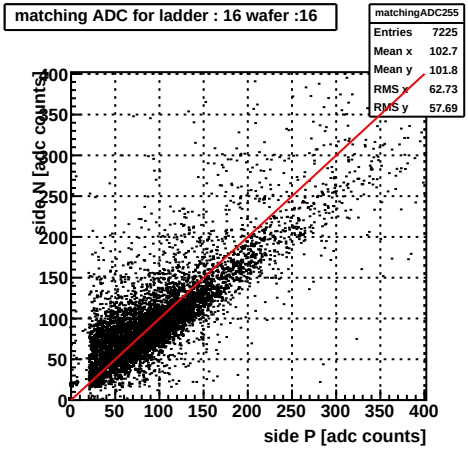

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 8582
Mean x 86.39
Mean y 92.5
RMS x 58.12
RMS y 58.49
side N [adc counts]
side P [adc counts]

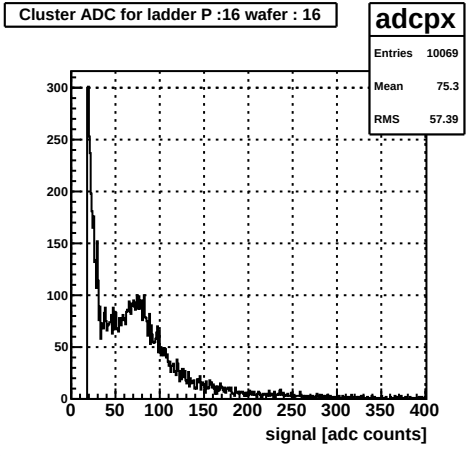

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 11077
Mean 69.37
RMS 55.78
signal [adc counts]

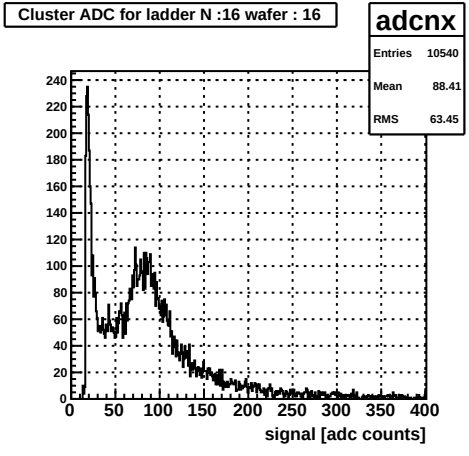

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 20008
Mean 63.31
RMS 57.72
signal [adc counts]

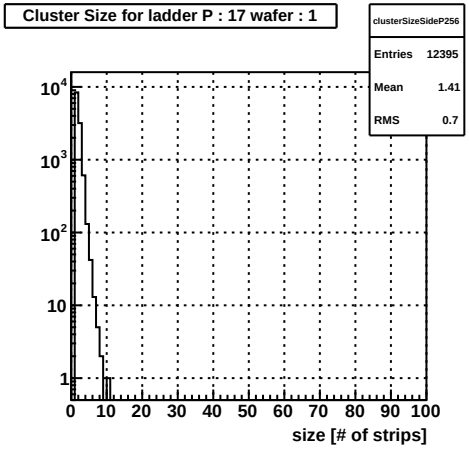

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 10069
Mean 1.381
RMS 0.679
size [# of strips]

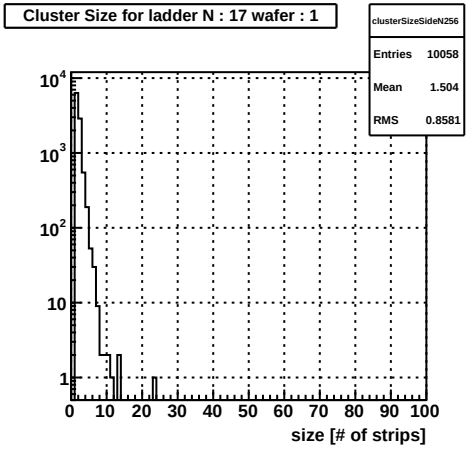

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 10540
Mean 1.68
RMS 0.8863
size [# of strips]

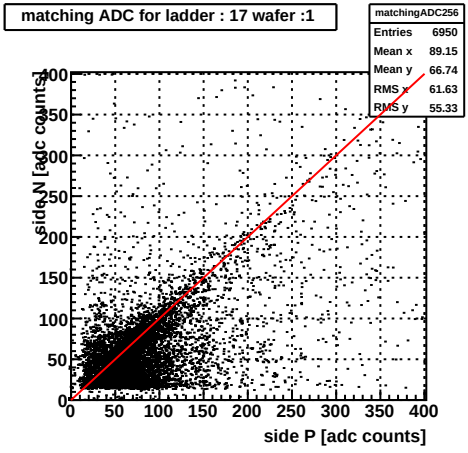

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 7225
Mean x 102.7
Mean y 101.8
RMS x 62.73
RMS y 57.69
side N [adc counts]
side P [adc counts]

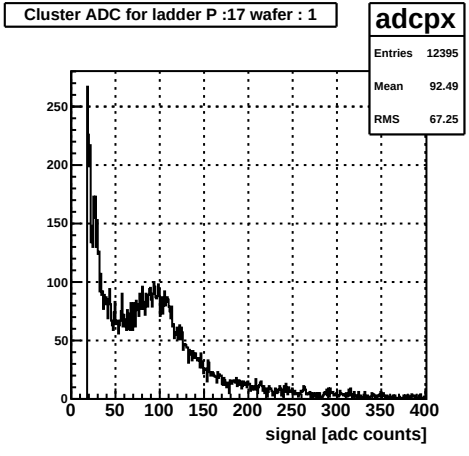

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 10069
Mean 75.3
RMS 57.39
signal [adc counts]

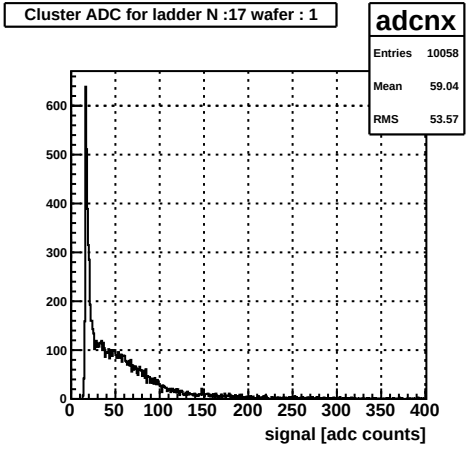

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 10540
Mean 88.41
RMS 63.45
signal [adc counts]

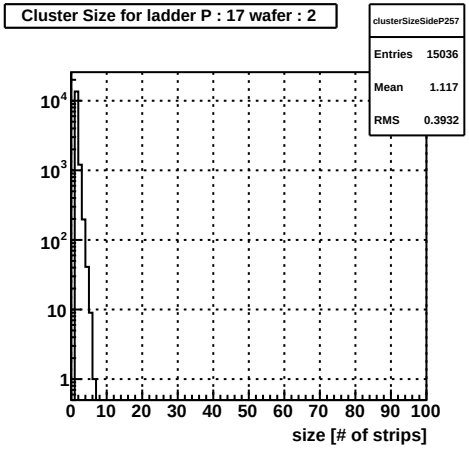

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 12395
Mean 1.41
RMS 0.7
size [# of strips]

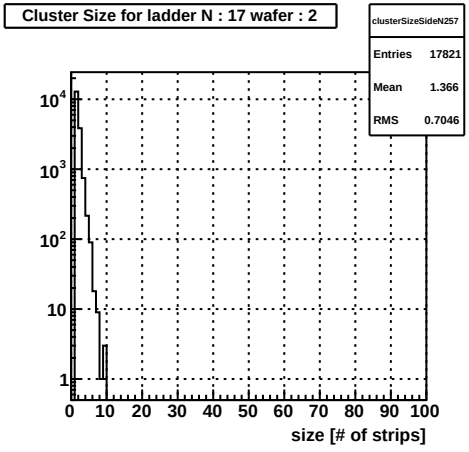

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 10058
Mean 1.504
RMS 0.8581
size [# of strips]

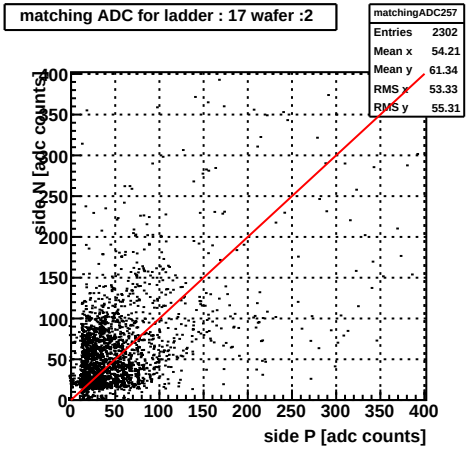

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 6950
Mean x 89.15
Mean y 66.74
RMS x 61.63
RMS y 55.33
side N [adc counts]
side P [adc counts]

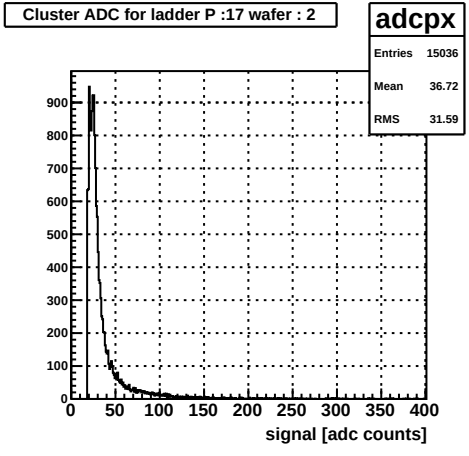

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 12395
Mean 92.49
RMS 67.25
signal [adc counts]

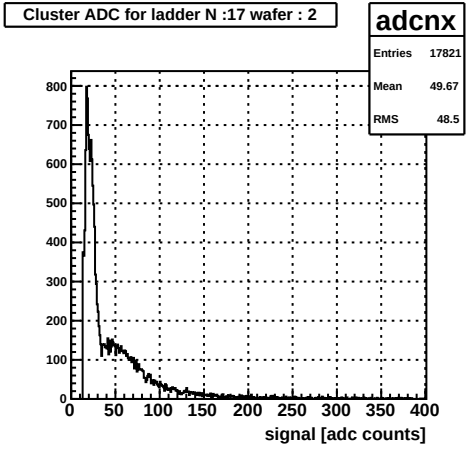

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 10058
Mean 59.04
RMS 53.57
signal [adc counts]

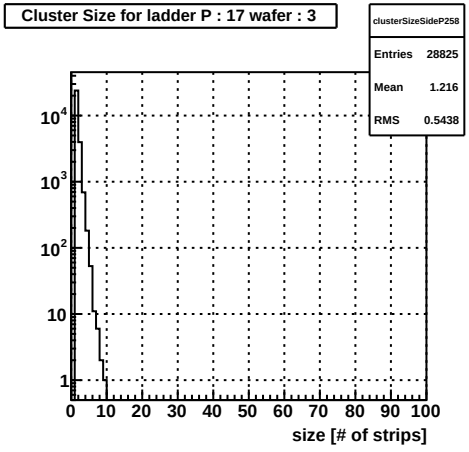

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 15036
Mean 1.117
RMS 0.3932
size [# of strips]

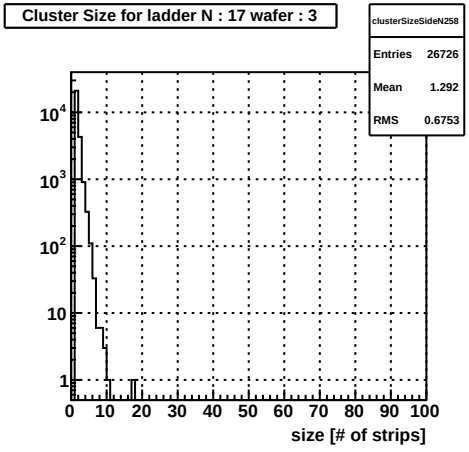

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 17821
Mean 1.366
RMS 0.7046
size [# of strips]

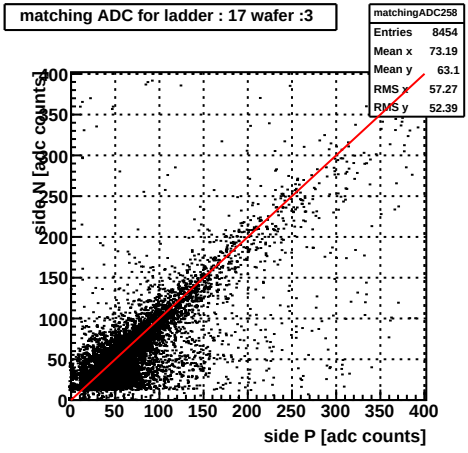

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 2302
Mean x 54.21
Mean y 61.34
RMS x 53.33
RMS y 55.31
side N [adc counts]
side P [adc counts]

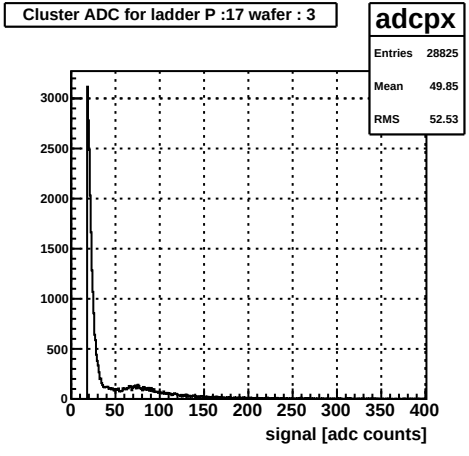

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 15036
Mean 36.72
RMS 31.59
signal [adc counts]

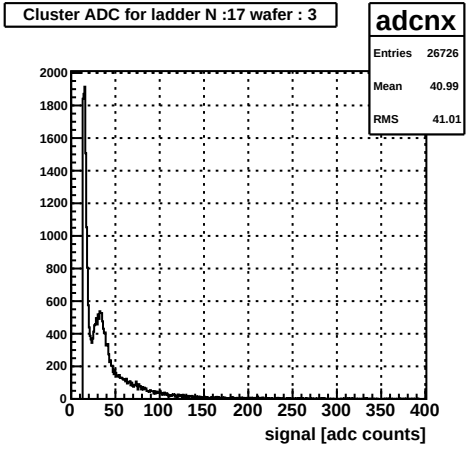

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 17821
Mean 49.67
RMS 48.5
signal [adc counts]

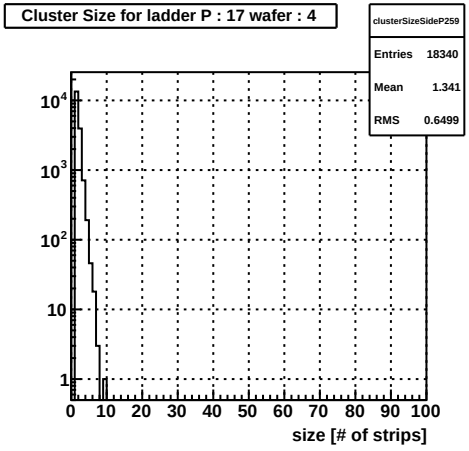

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 28825
Mean 1.216
RMS 0.5438
size [# of strips]

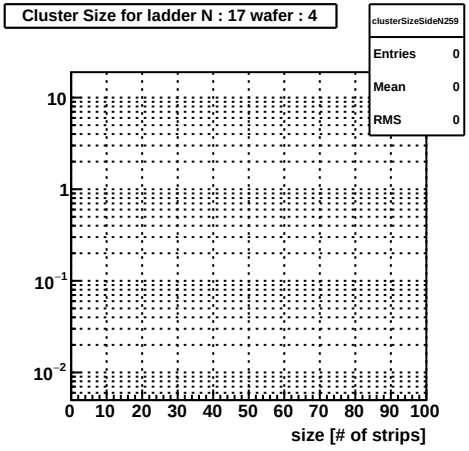

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 26726
Mean 1.292
RMS 0.6753
size [# of strips]

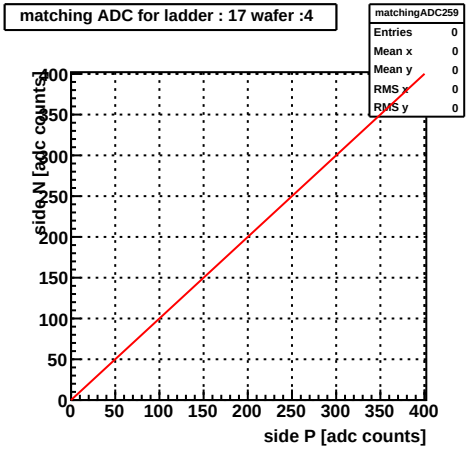

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 8454
Mean x 73.19
Mean y 63.1
RMS x 57.27
RMS y 52.39
side N [adc counts]
side P [adc counts]

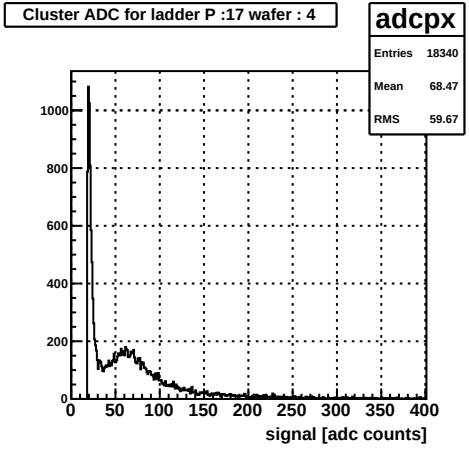

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 28825
Mean 49.85
RMS 52.53
signal [adc counts]

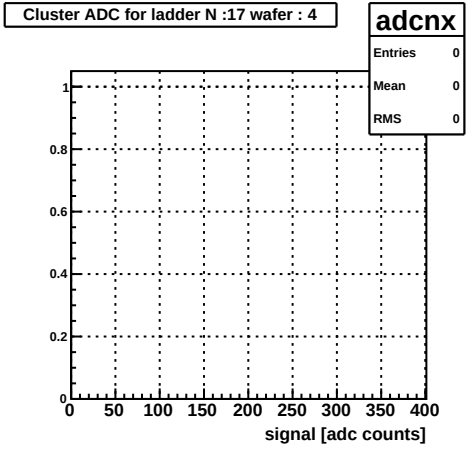

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 26726
Mean 40.99
RMS 41.01
signal [adc counts]

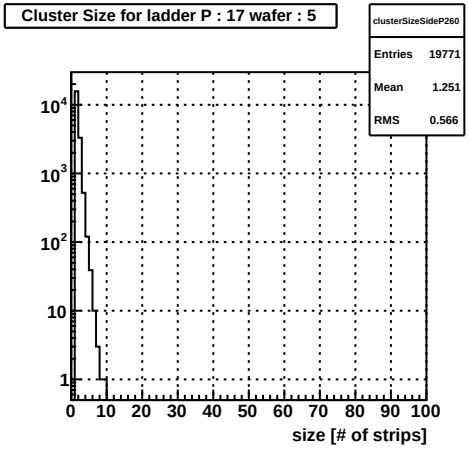

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 18340
Mean 1.341
RMS 0.6499
size [# of strips]

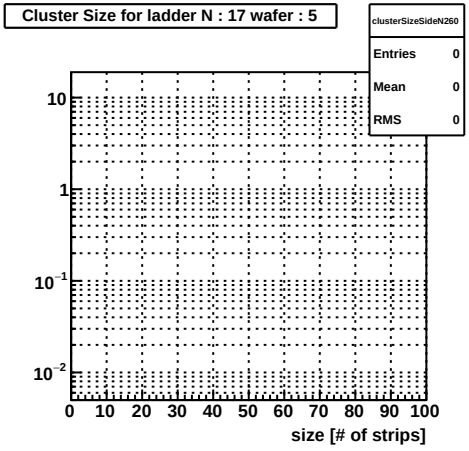

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

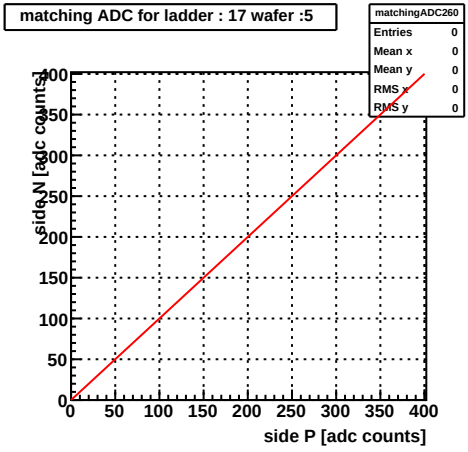

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

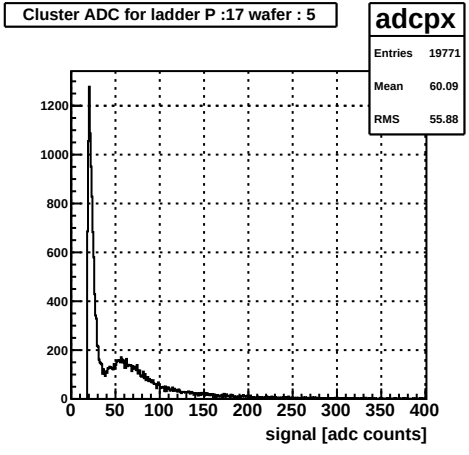

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 18340
Mean 68.47
RMS 59.67
signal [adc counts]

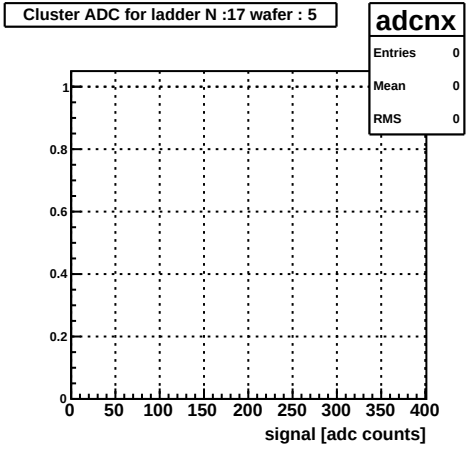

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

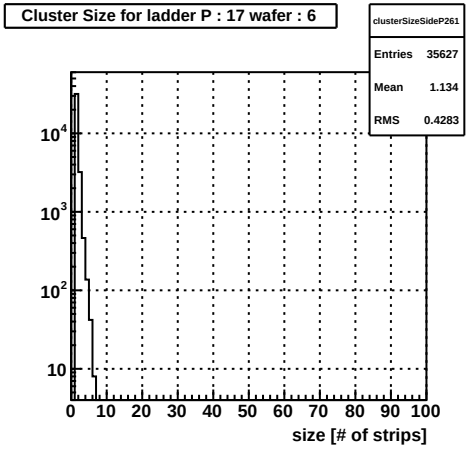

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 19771
Mean 1.251
RMS 0.566
size [# of strips]

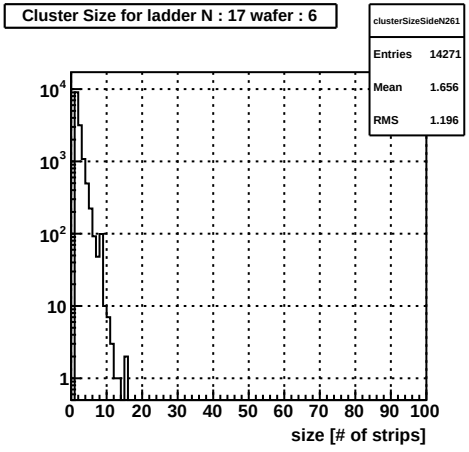

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

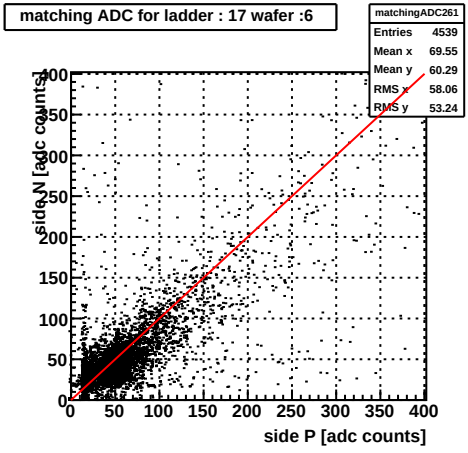

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

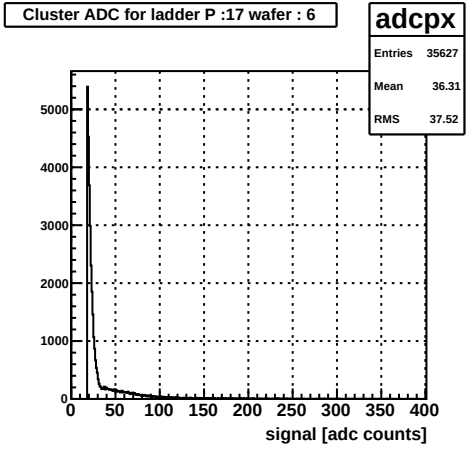

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 19771
Mean 60.09
RMS 55.88
signal [adc counts]

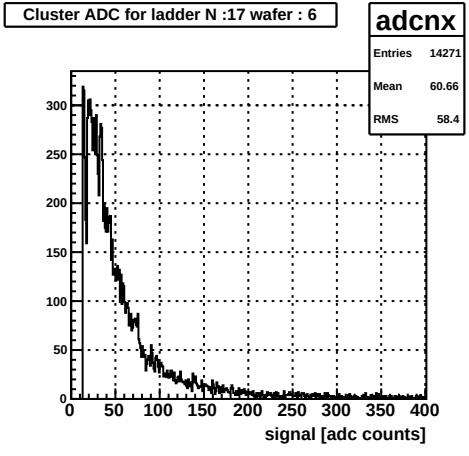

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

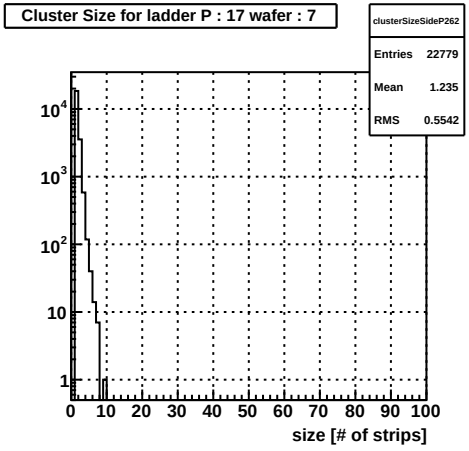

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 35627
Mean 1.134
RMS 0.4283
size [# of strips]

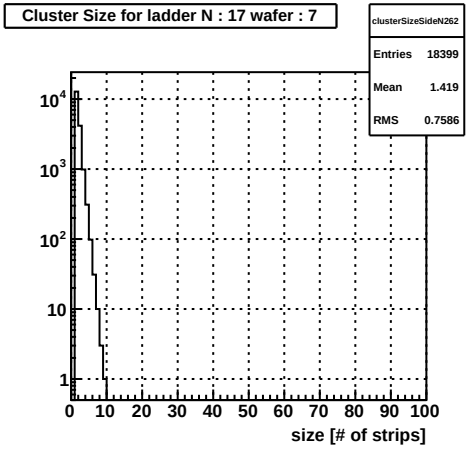

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 14271
Mean 1.656
RMS 1.196
size [# of strips]

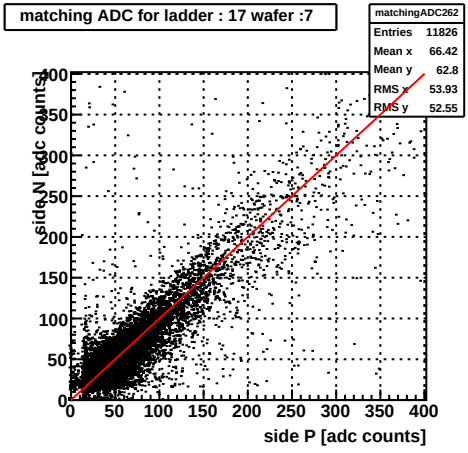

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 4539
Mean x 69.55
Mean y 60.29
RMS x 58.06
RMS y 53.24
side N [adc counts]
side P [adc counts]

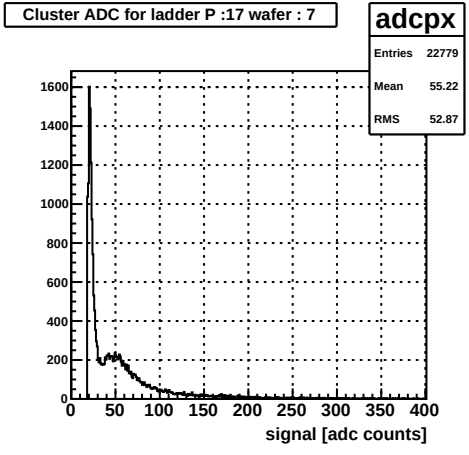

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 35627
Mean 36.31
RMS 37.52
signal [adc counts]

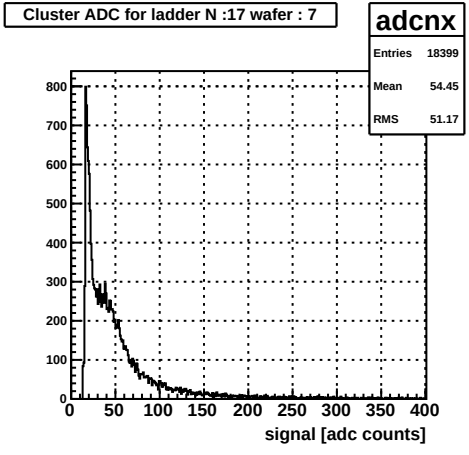

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 14271
Mean 60.66
RMS 58.4
signal [adc counts]

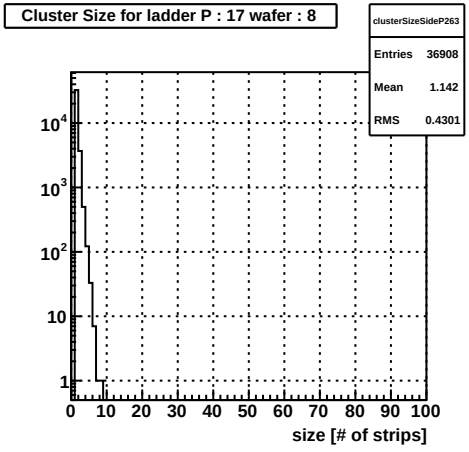

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 22779
Mean 1.235
RMS 0.5542
size [# of strips]

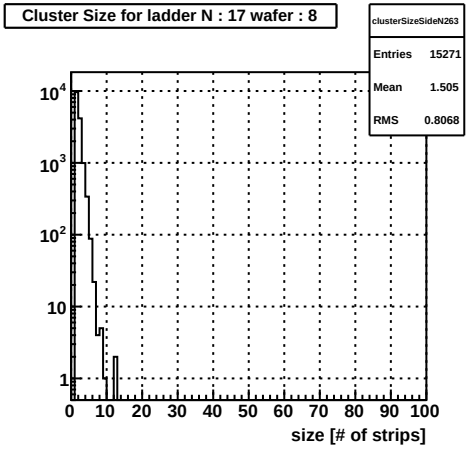

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 18399
Mean 1.419
RMS 0.7586
size [# of strips]

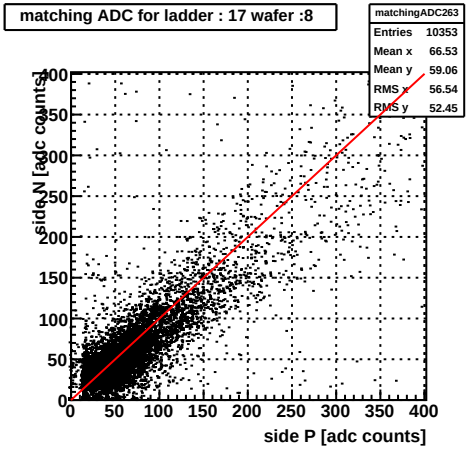

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 11826
Mean x 66.42
Mean y 62.8
RMS x 53.93
RMS y 52.55
side N [adc counts]
side P [adc counts]

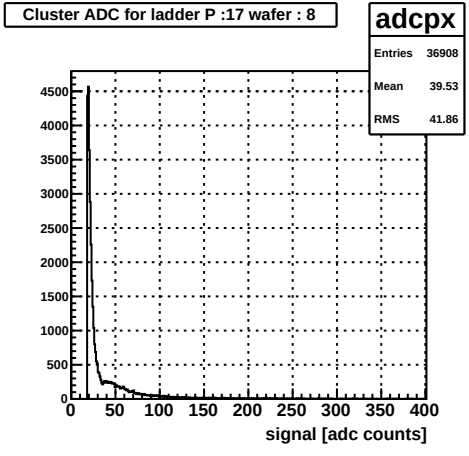

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 22779
Mean 55.22
RMS 52.87
signal [adc counts]

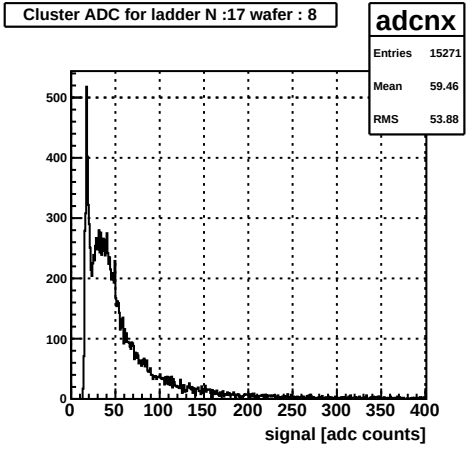

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 18399
Mean 54.45
RMS 51.17
signal [adc counts]

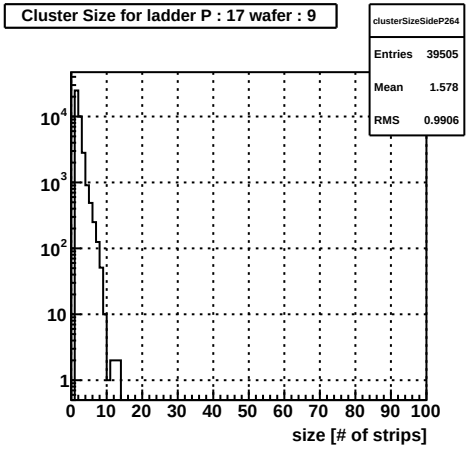

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 36908
Mean 1.142
RMS 0.4301
size [# of strips]

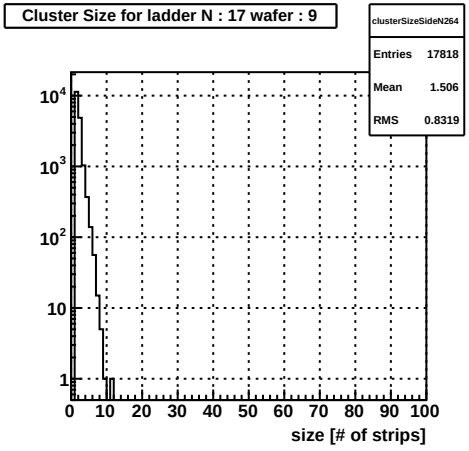

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 15271
Mean 1.505
RMS 0.8068
size [# of strips]

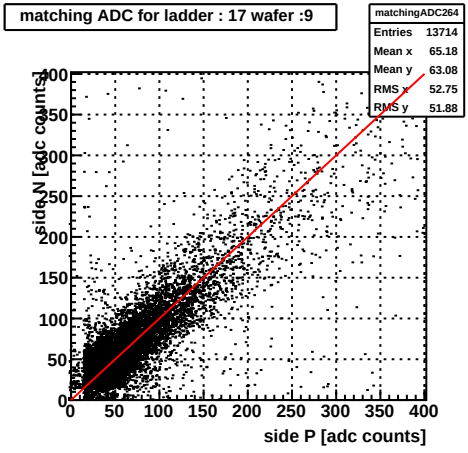

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 10353
Mean x 66.53
Mean y 59.06
RMS x 56.54
RMS y 52.45
side N [adc counts]
side P [adc counts]

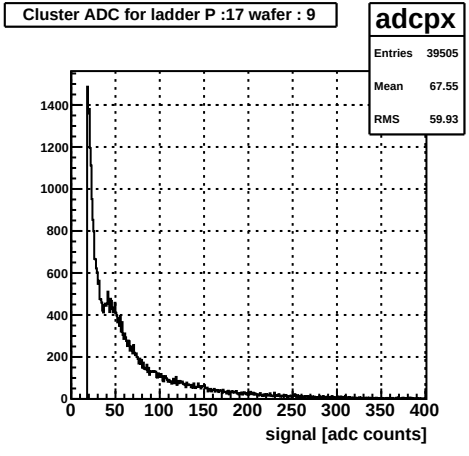

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 36908
Mean 39.53
RMS 41.86
signal [adc counts]

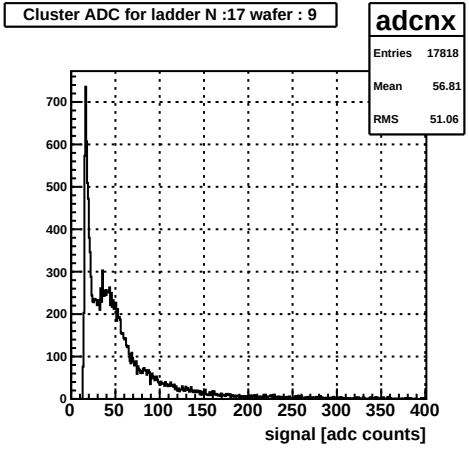

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 15271
Mean 59.46
RMS 53.88
signal [adc counts]

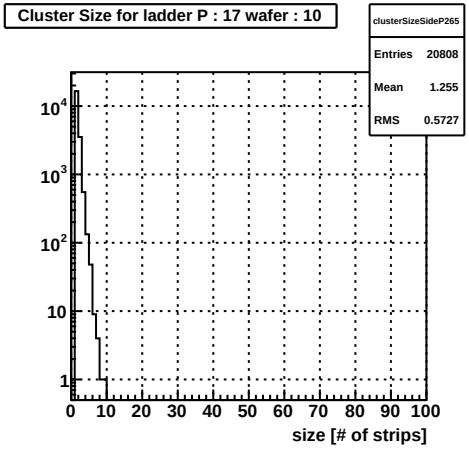

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 39505
Mean 1.578
RMS 0.9906
size [# of strips]

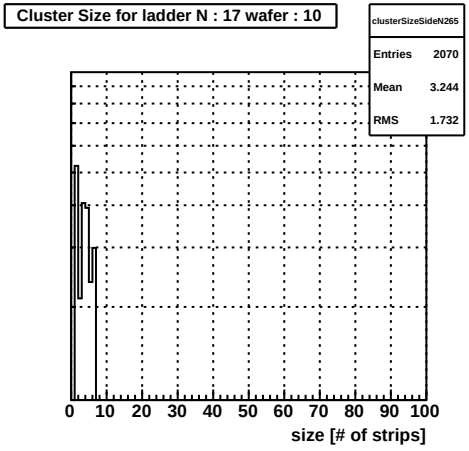

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 17818
Mean 1.506
RMS 0.8319
size [# of strips]

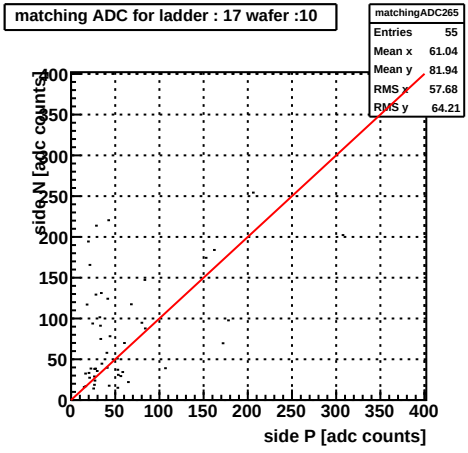

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 13714
Mean x 65.18
Mean y 63.08
RMS x 52.75
RMS y 51.88
side N [adc counts]
side P [adc counts]

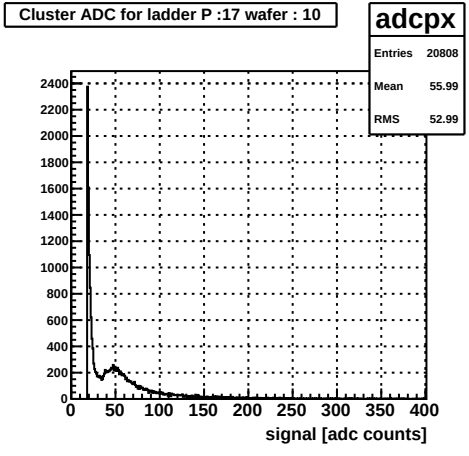

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 39505
Mean 67.55
RMS 59.93
signal [adc counts]

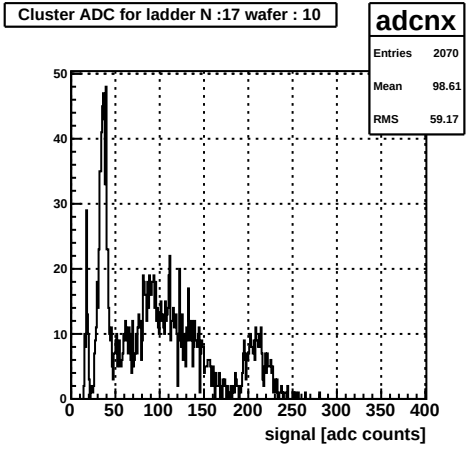

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 17818
Mean 56.81
RMS 51.06
signal [adc counts]

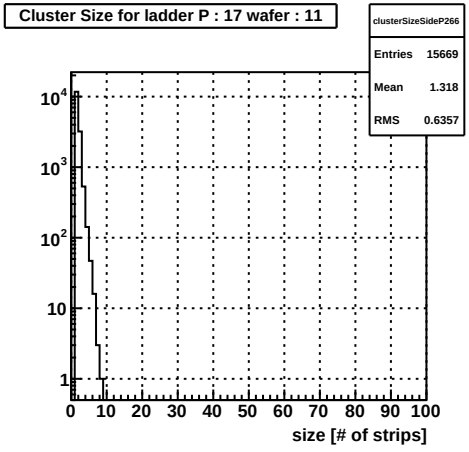

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 20808
Mean 1.255
RMS 0.5727
size [# of strips]

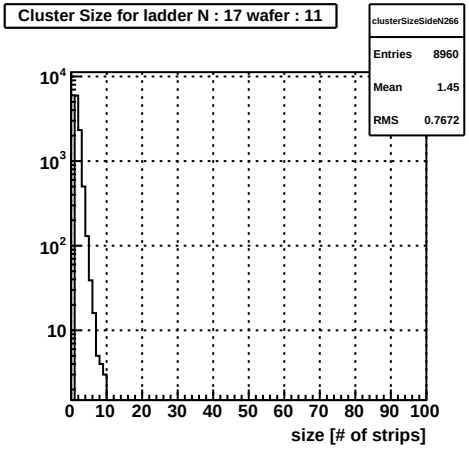

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 2070
Mean 3.244
RMS 1.732
size [# of strips]

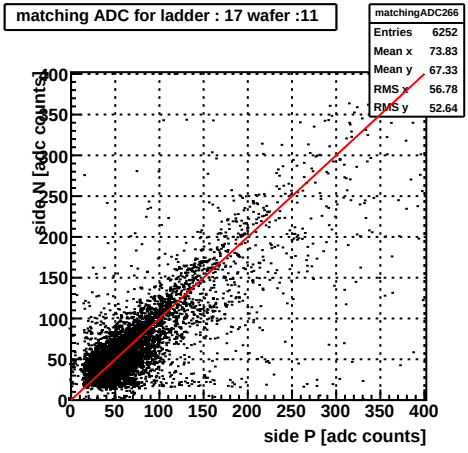

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 55
Mean x 61.04
Mean y 81.94
RMS x 57.68
RMS y 64.21
side N [adc counts]
side P [adc counts]

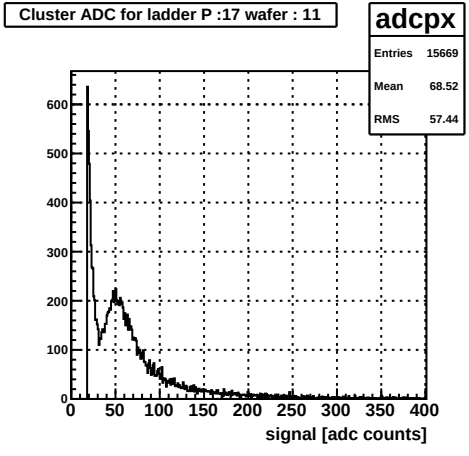

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 20808
Mean 55.99
RMS 52.99
signal [adc counts]

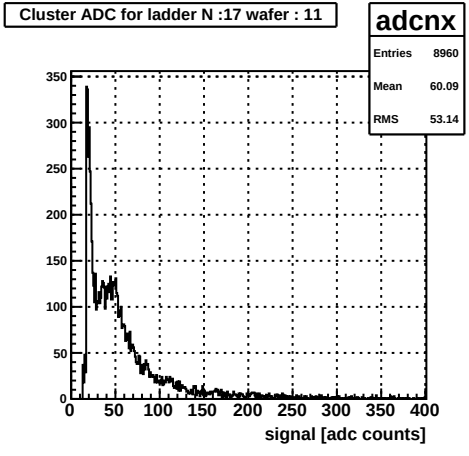

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 2070
Mean 98.61
RMS 59.17
signal [adc counts]

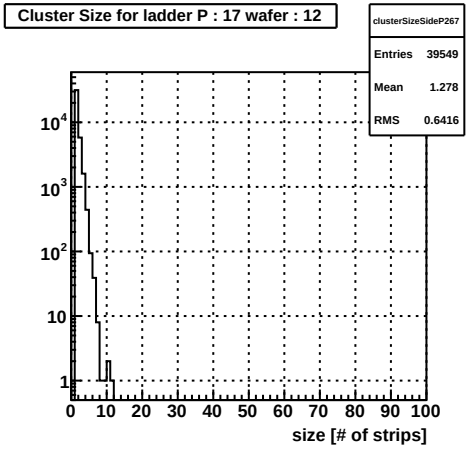

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 15669
Mean 1.318
RMS 0.6357
size [# of strips]

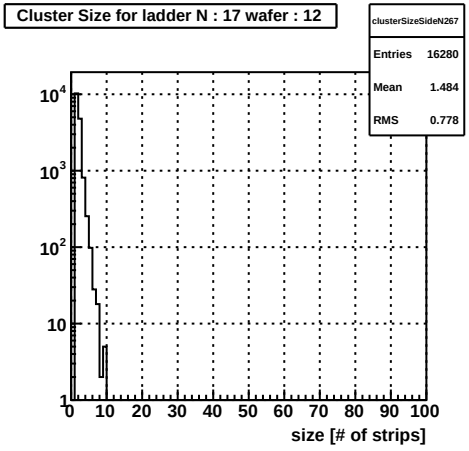

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 8960
Mean 1.45
RMS 0.7672
size [# of strips]

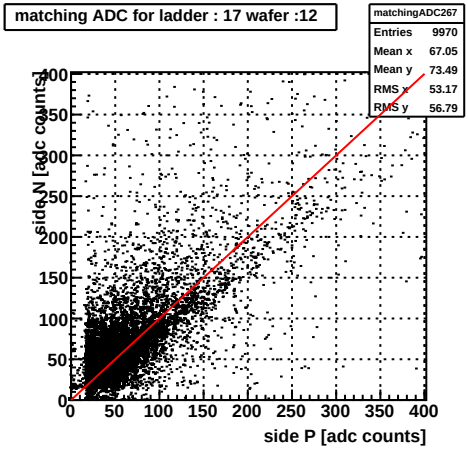

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 6252
Mean x 73.83
Mean y 67.33
RMS x 56.78
RMS y 52.64
side N [adc counts]
side P [adc counts]

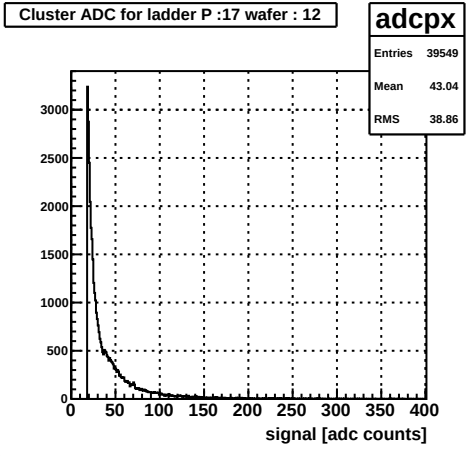

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 15669
Mean 68.52
RMS 57.44
signal [adc counts]

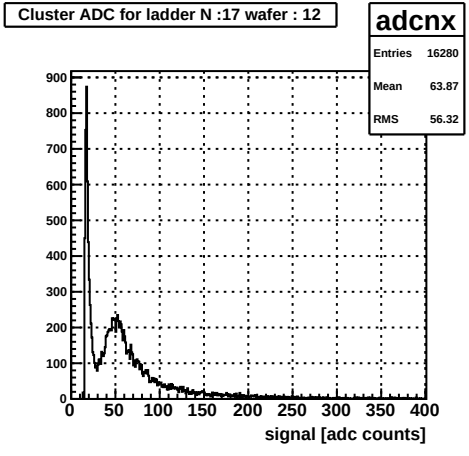

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 8960
Mean 60.09
RMS 53.14
signal [adc counts]

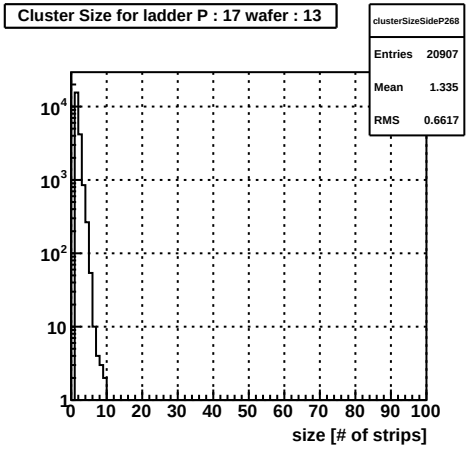

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 39549
Mean 1.278
RMS 0.6416
size [# of strips]

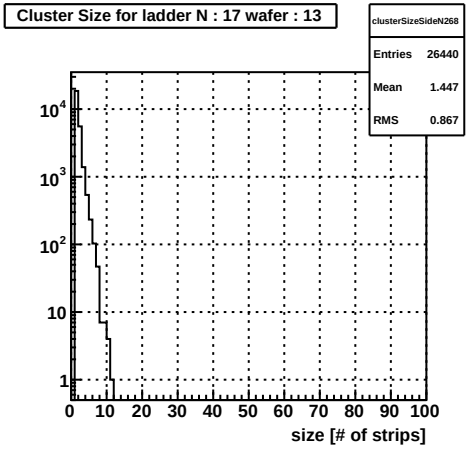

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 16280
Mean 1.484
RMS 0.778
size [# of strips]

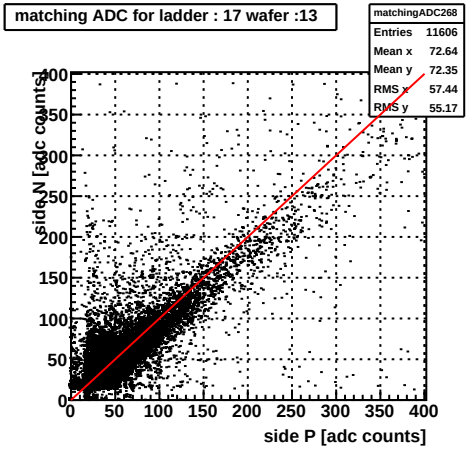

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 9970
Mean x 67.05
Mean y 73.49
RMS x 53.17
RMS y 56.79
side N [adc counts]
side P [adc counts]

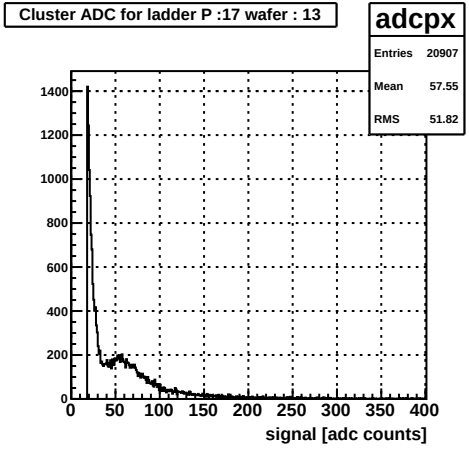

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 39549
Mean 43.04
RMS 38.86
signal [adc counts]

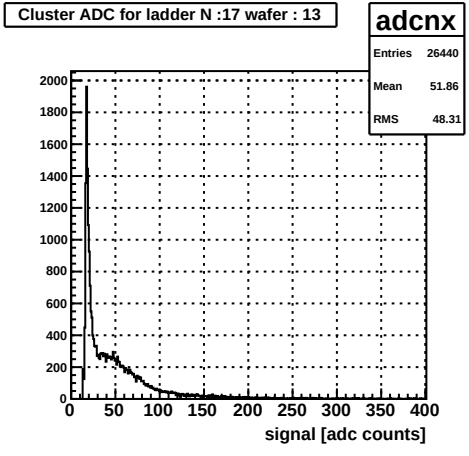

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 16280
Mean 63.87
RMS 56.32
signal [adc counts]

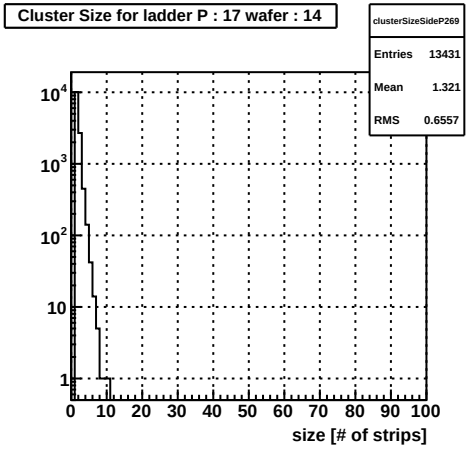

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 20907
Mean 1.335
RMS 0.6617
size [# of strips]

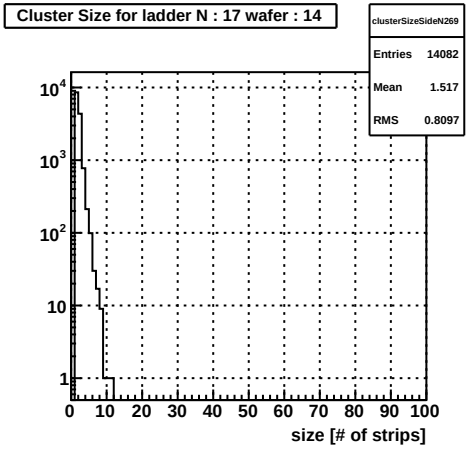

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 26440
Mean 1.447
RMS 0.867
size [# of strips]

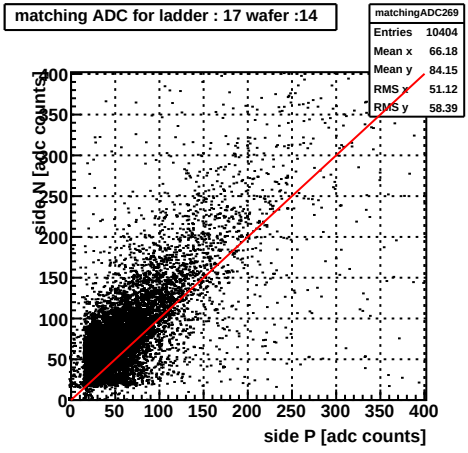

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 11606
Mean x 72.64
Mean y 72.35
RMS x 57.44
RMS y 55.17
side N [adc counts]
side P [adc counts]

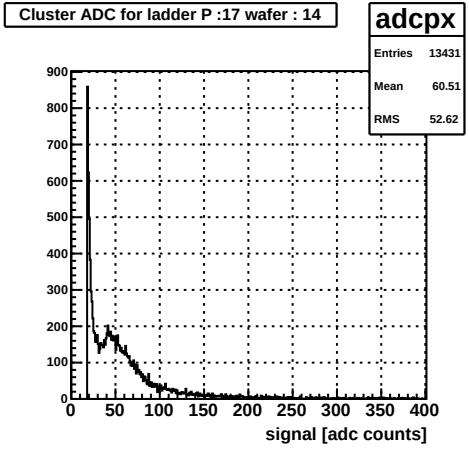

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 20907
Mean 57.55
RMS 51.82
signal [adc counts]

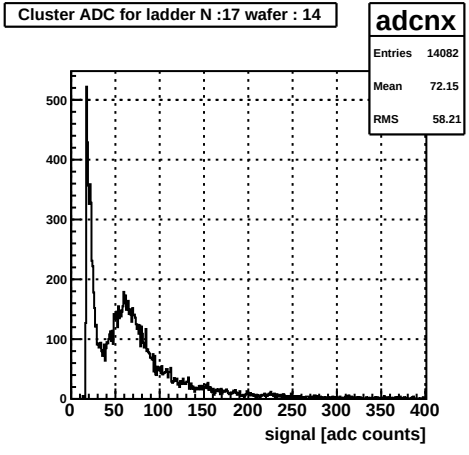

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 26440
Mean 51.86
RMS 48.31
signal [adc counts]

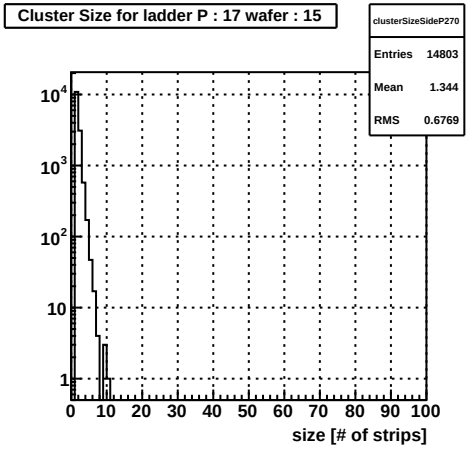

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 13431
Mean 1.321
RMS 0.6557
size [# of strips]

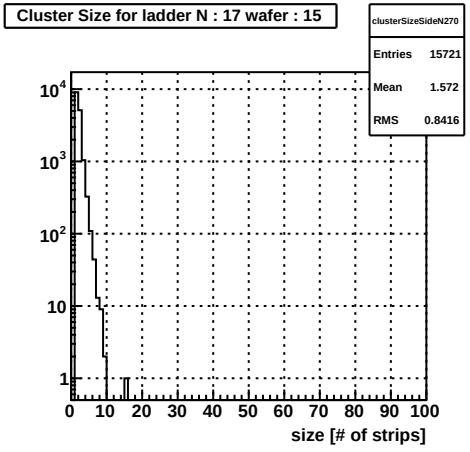

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 14082
Mean 1.517
RMS 0.8097
size [# of strips]

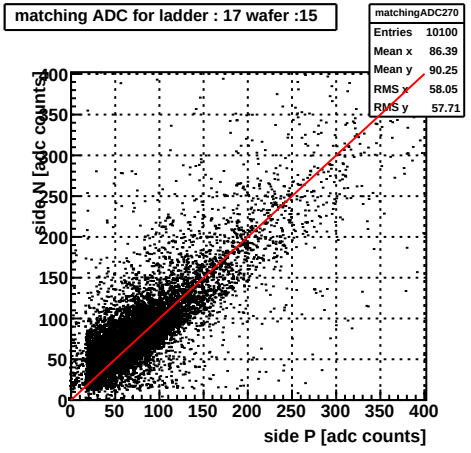

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 10404
Mean x 66.18
Mean y 84.15
RMS x 51.12
RMS y 58.39
side N [adc counts]
side P [adc counts]

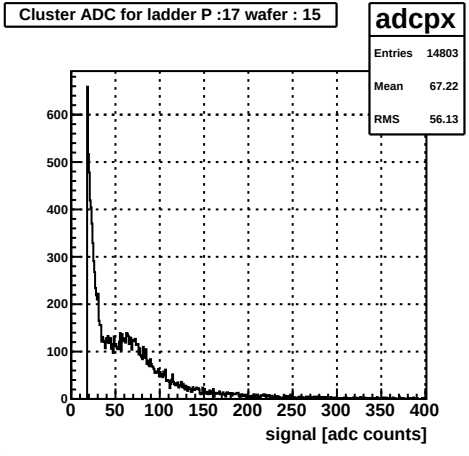

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 13431
Mean 60.51
RMS 52.62
signal [adc counts]

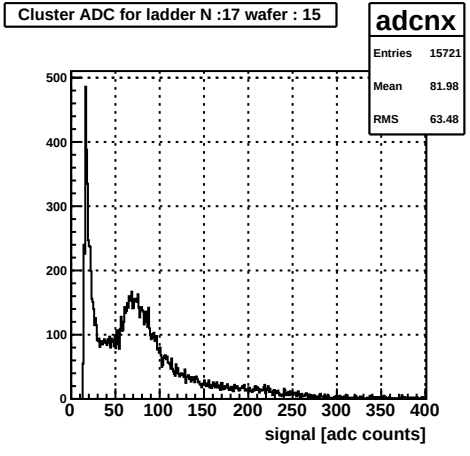

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 14082
Mean 72.15
RMS 58.21
signal [adc counts]

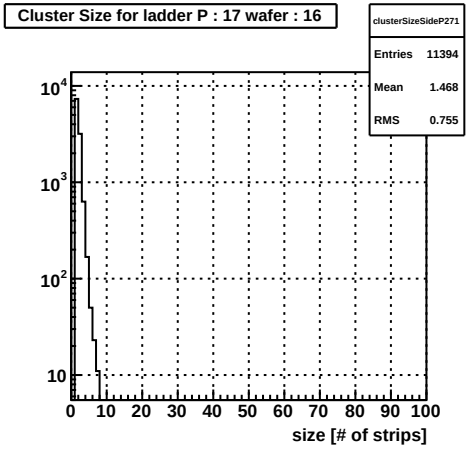

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 14803
Mean 1.344
RMS 0.6769
size [# of strips]

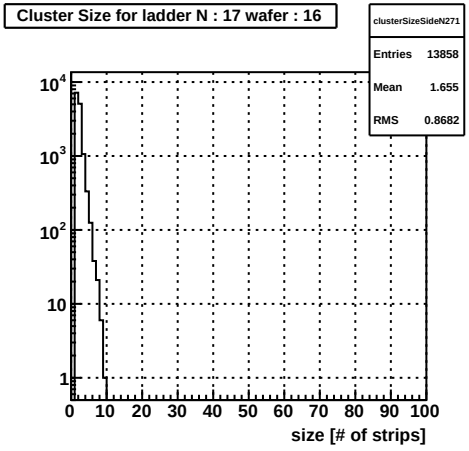

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 15721
Mean 1.572
RMS 0.8416
size [# of strips]

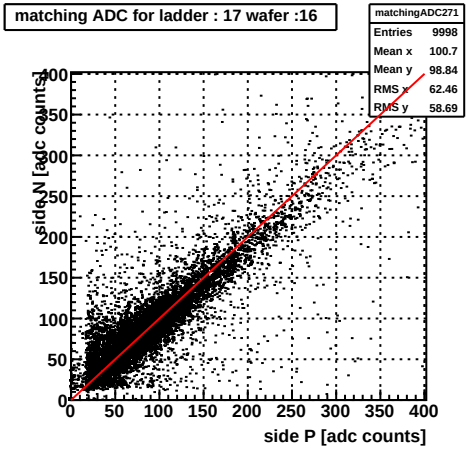

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 10100
Mean x 86.39
Mean y 90.25
RMS x 58.05
RMS y 57.71
side N [adc counts]
side P [adc counts]

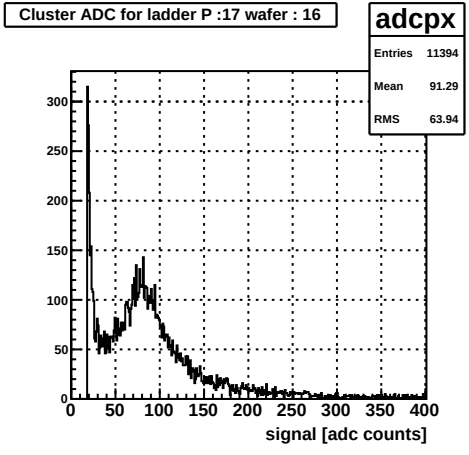

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 14803
Mean 67.22
RMS 56.13
signal [adc counts]

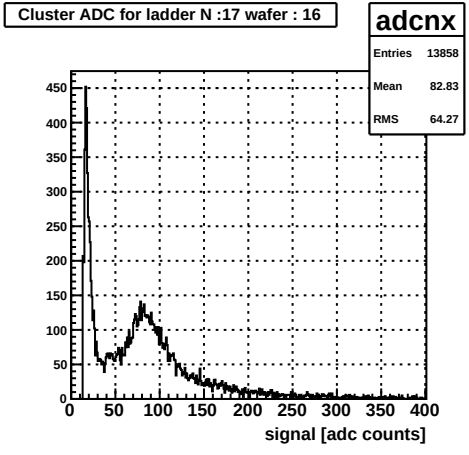

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 15721
Mean 81.98
RMS 63.48
signal [adc counts]

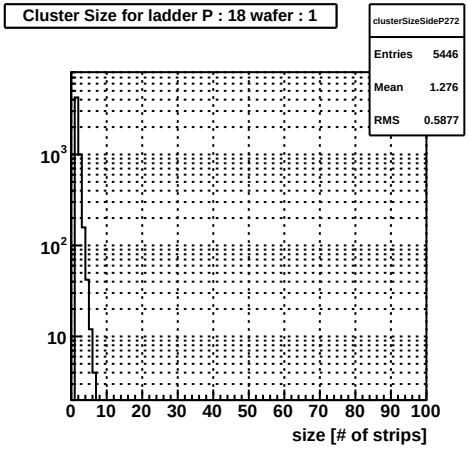

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 11394
Mean 1.468
RMS 0.755
size [# of strips]

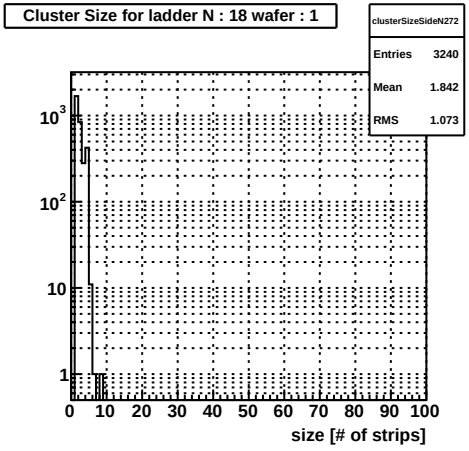

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 13858
Mean 1.655
RMS 0.8682
size [# of strips]

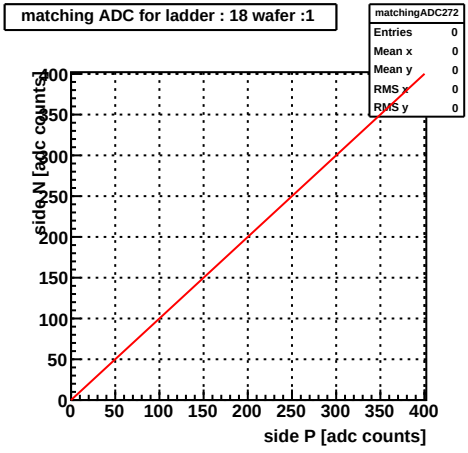

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 9998
Mean x 100.7
Mean y 98.84
RMS x 62.46
RMS y 58.69
side N [adc counts]
side P [adc counts]

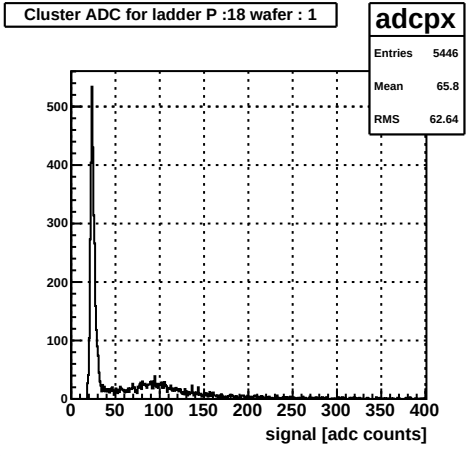

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 11394
Mean 91.29
RMS 63.94
signal [adc counts]

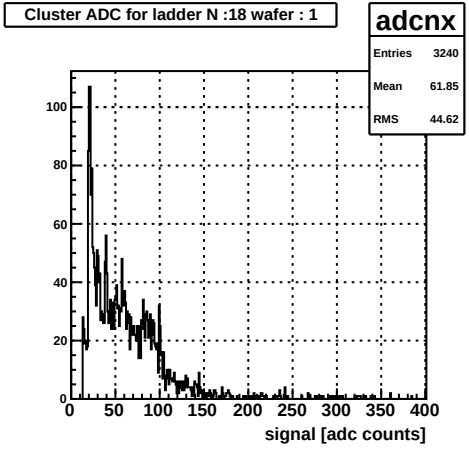

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 13858
Mean 82.83
RMS 64.27
signal [adc counts]

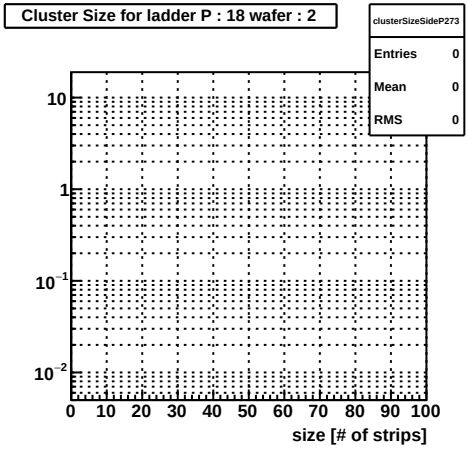

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 5446
Mean 1.276
RMS 0.5877
size [# of strips]

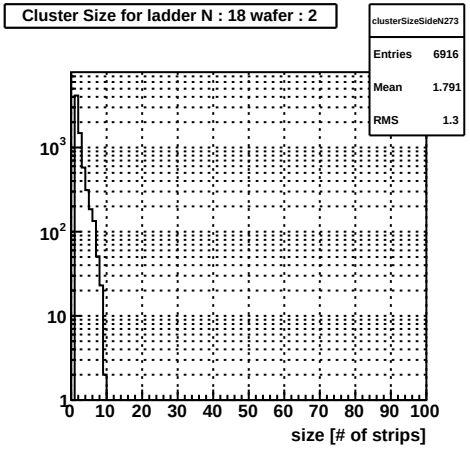

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3240
Mean 1.842
RMS 1.073
size [# of strips]

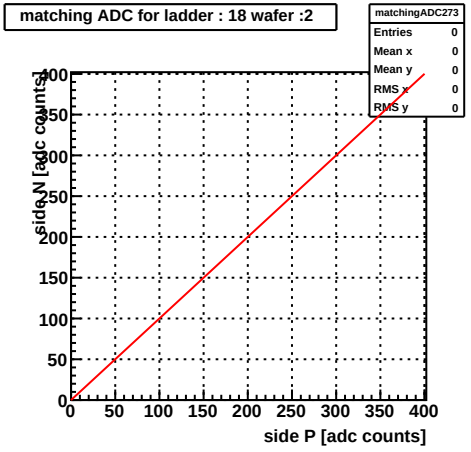

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

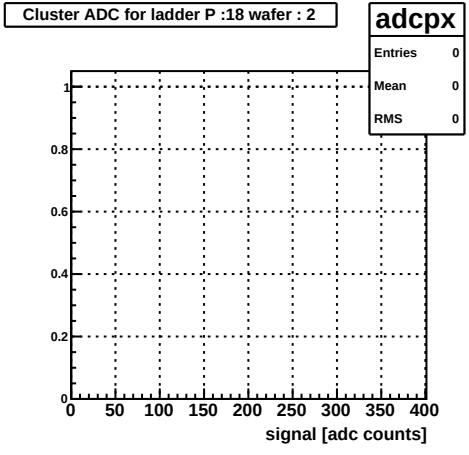

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 5446
Mean 65.8
RMS 62.64
signal [adc counts]

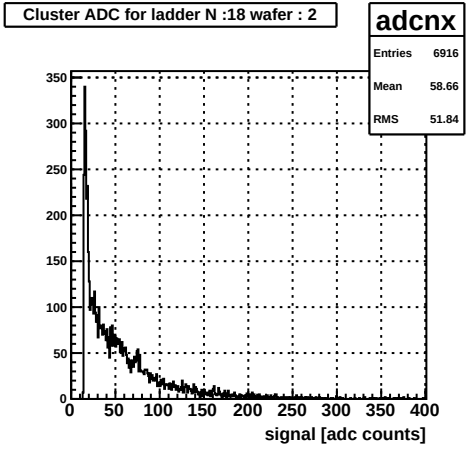

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3240
Mean 61.85
RMS 44.62
signal [adc counts]

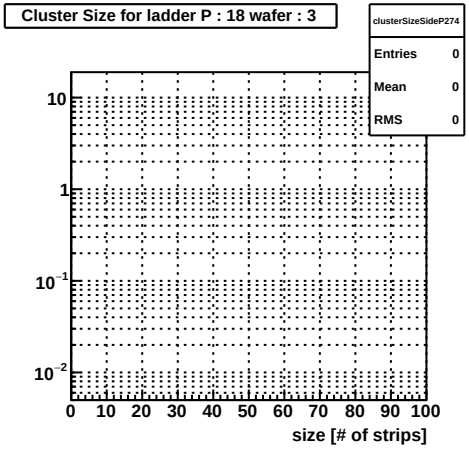

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

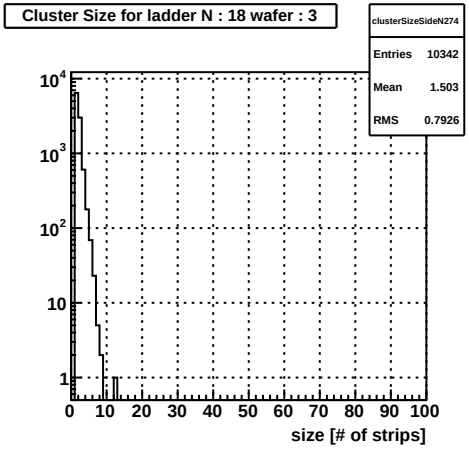

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 6916
Mean 1.791
RMS 1.3
size [# of strips]

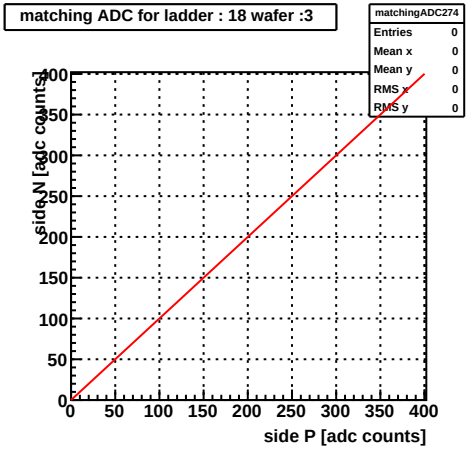

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

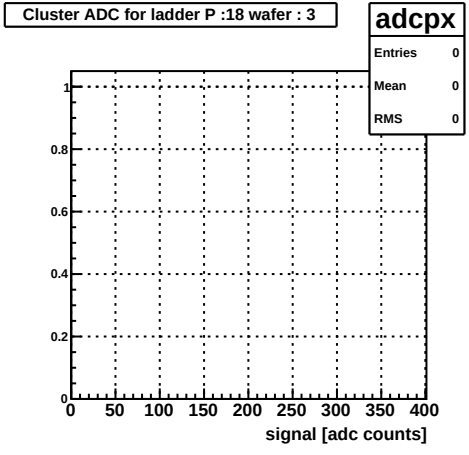

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

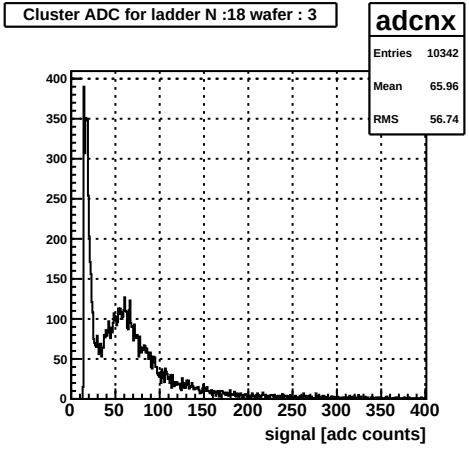

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 6916
Mean 58.66
RMS 51.84
signal [adc counts]

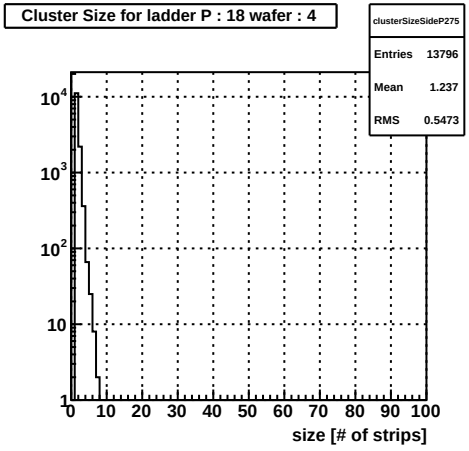

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

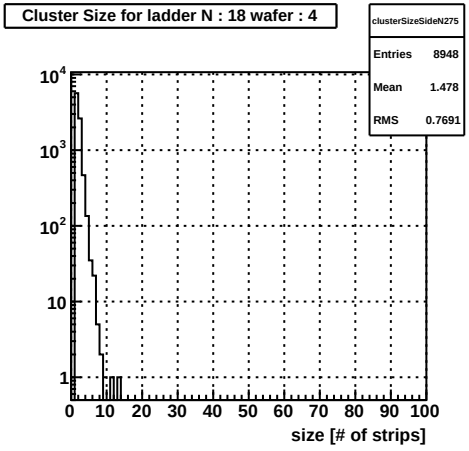

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 10342
Mean 1.503
RMS 0.7926
size [# of strips]

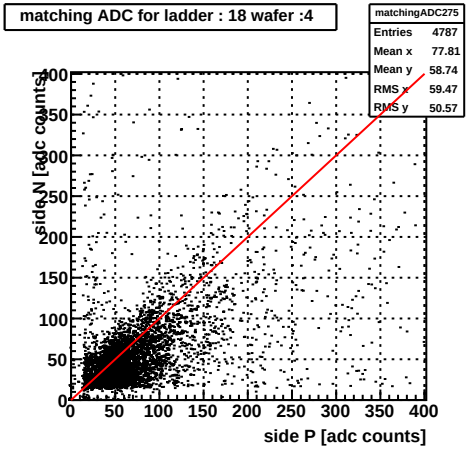

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

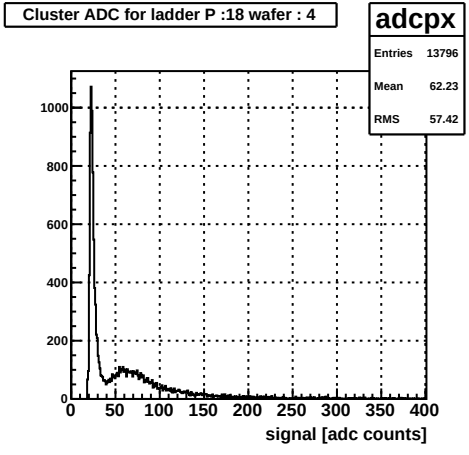

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

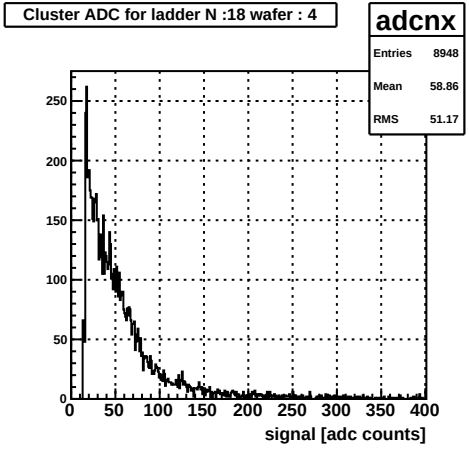

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 10342
Mean 65.96
RMS 56.74
signal [adc counts]

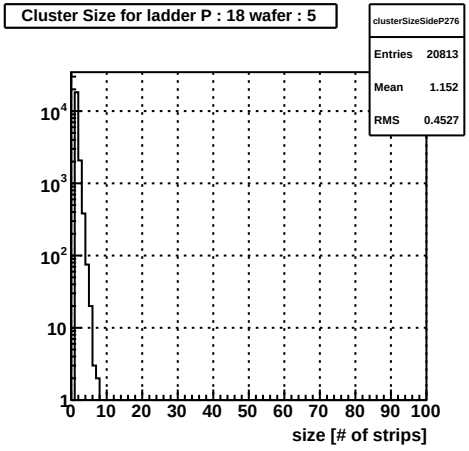

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 13796
Mean 1.237
RMS 0.5473
size [# of strips]

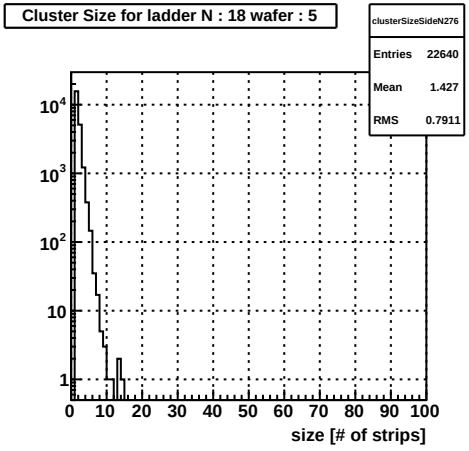

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 8948
Mean 1.478
RMS 0.7691
size [# of strips]

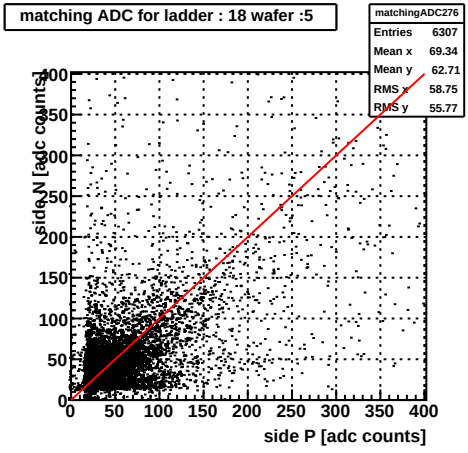

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4787
Mean x 77.81
Mean y 58.74
RMS x 59.47
RMS y 50.57
side N [adc counts]
side P [adc counts]

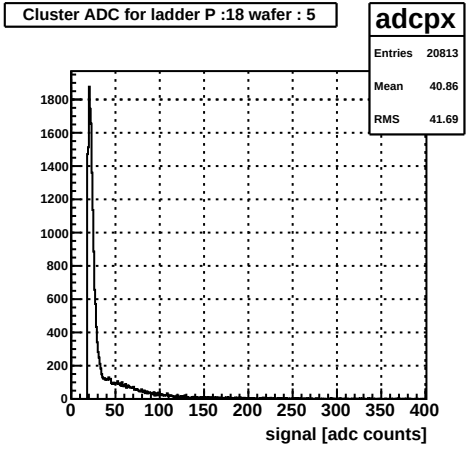

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 13796
Mean 62.23
RMS 57.42
signal [adc counts]

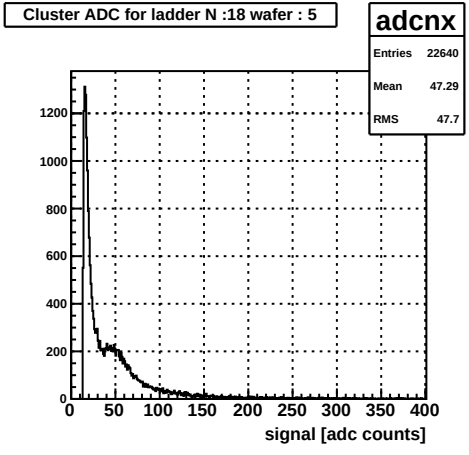

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 8948
Mean 58.86
RMS 51.17
signal [adc counts]

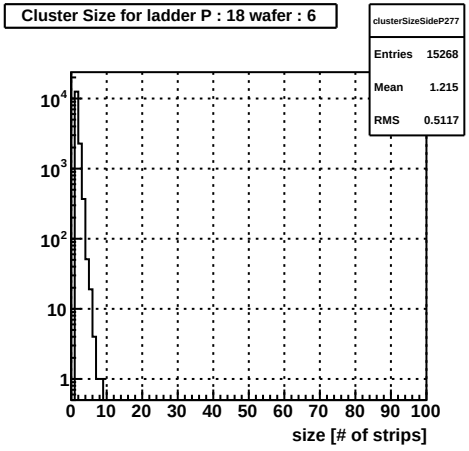

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 20813
Mean 1.152
RMS 0.4527
size [# of strips]

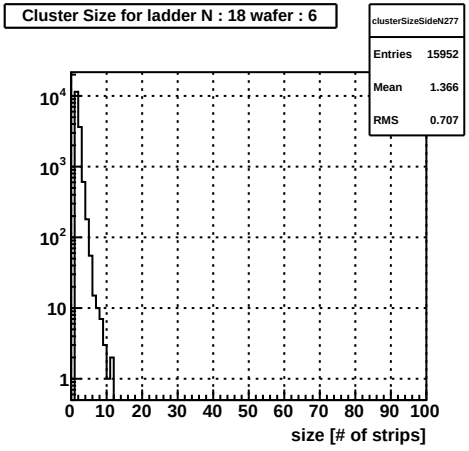

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 22640
Mean 1.427
RMS 0.7911
size [# of strips]

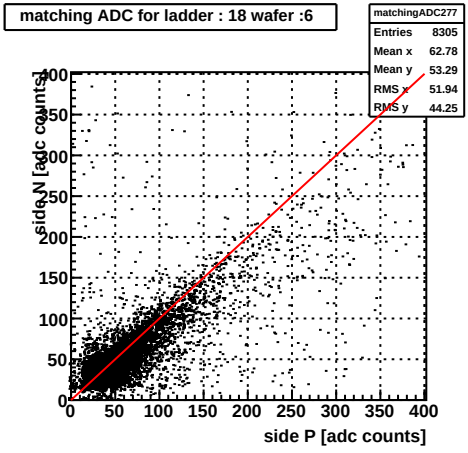

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6307
Mean x 69.34
Mean y 62.71
RMS x 58.75
RMS y 55.77
side N [adc counts]
side P [adc counts]

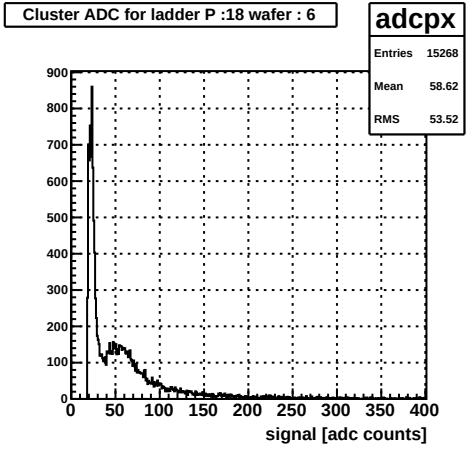

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 20813
Mean 40.86
RMS 41.69
signal [adc counts]

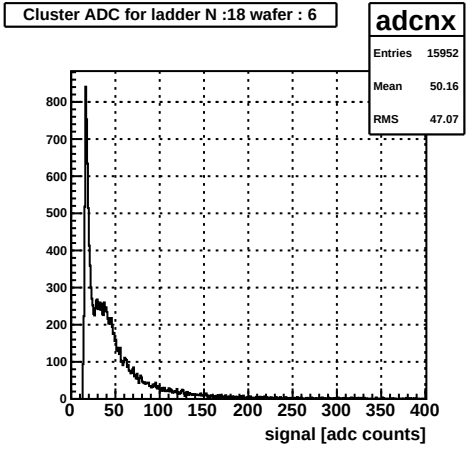

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 22640
Mean 47.29
RMS 47.7
signal [adc counts]

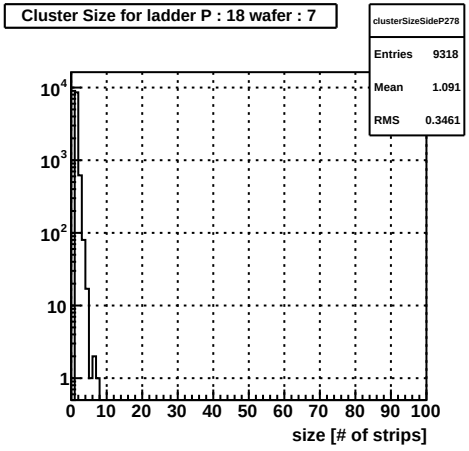

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 15268
Mean 1.215
RMS 0.5117
size [# of strips]

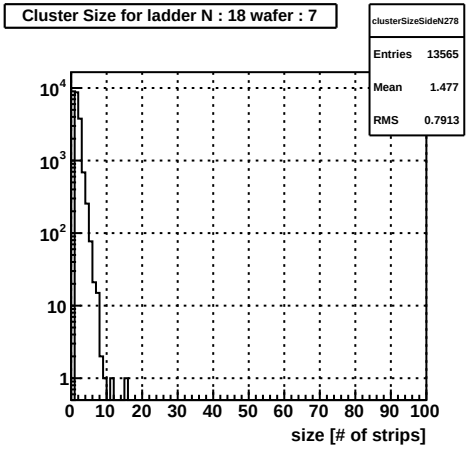

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 15952
Mean 1.366
RMS 0.707
size [# of strips]

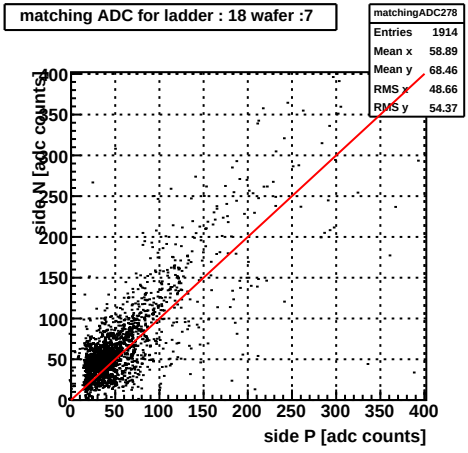

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 8305
Mean x 62.78
Mean y 53.29
RMS x 51.94
RMS y 44.25
side N [adc counts]
side P [adc counts]

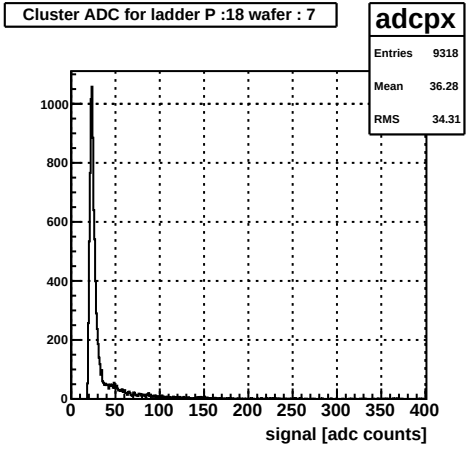

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 15268
Mean 58.62
RMS 53.52
signal [adc counts]

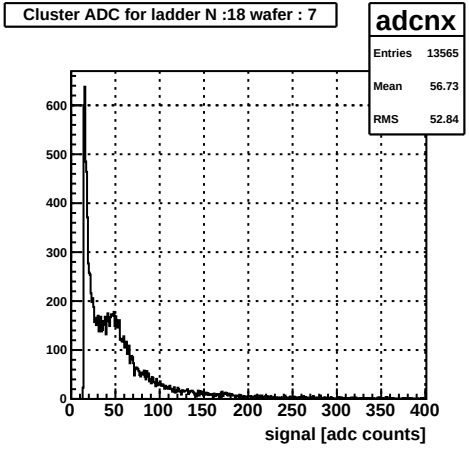

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 15952
Mean 50.16
RMS 47.07
signal [adc counts]

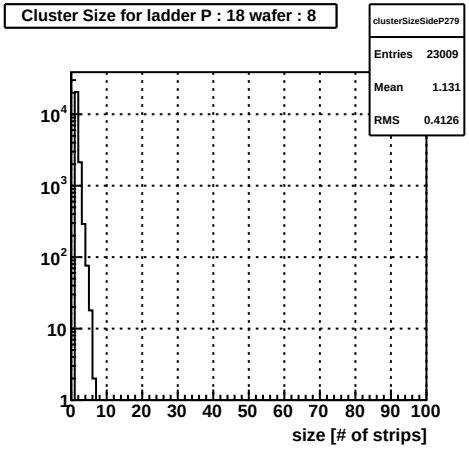

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 9318
Mean 1.091
RMS 0.3461
size [# of strips]

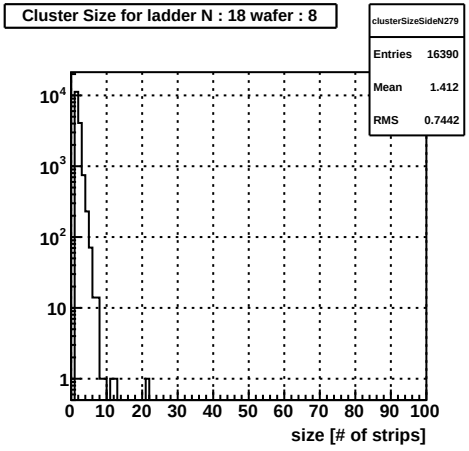

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 13565
Mean 1.477
RMS 0.7913
size [# of strips]

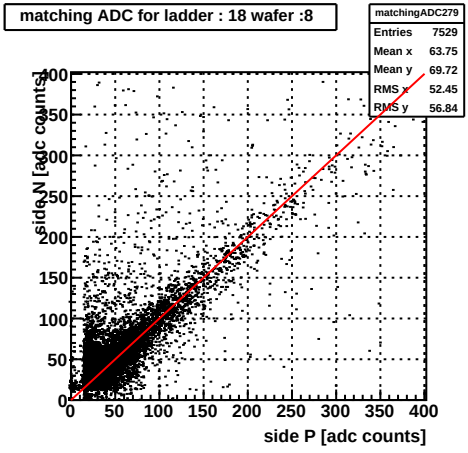

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1914
Mean x 58.89
Mean y 68.46
RMS x 48.66
RMS y 54.37
side N [adc counts]
side P [adc counts]

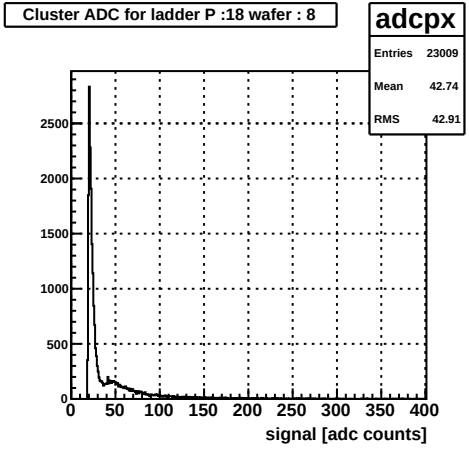

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 9318
Mean 36.28
RMS 34.31
signal [adc counts]

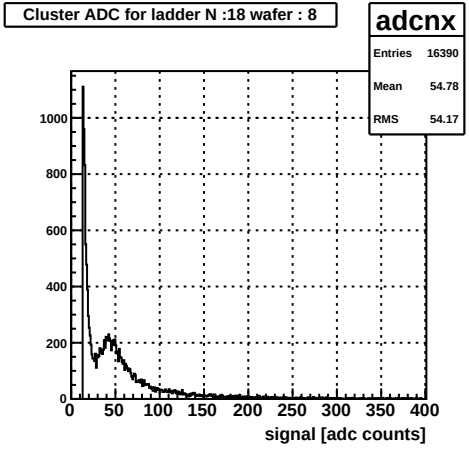

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 13565
Mean 56.73
RMS 52.84
signal [adc counts]

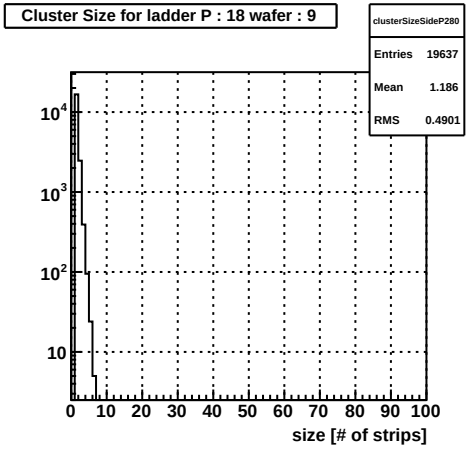

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 23009
Mean 1.131
RMS 0.4126
size [# of strips]

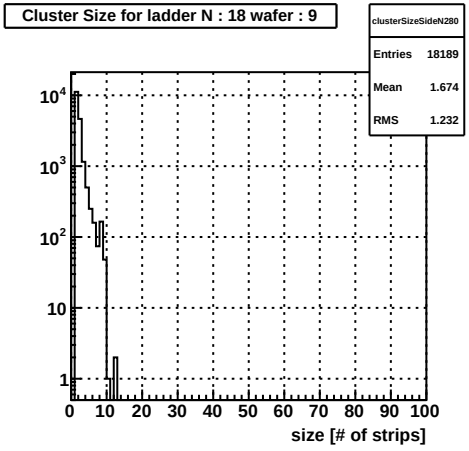

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 16390
Mean 1.412
RMS 0.7442
size [# of strips]

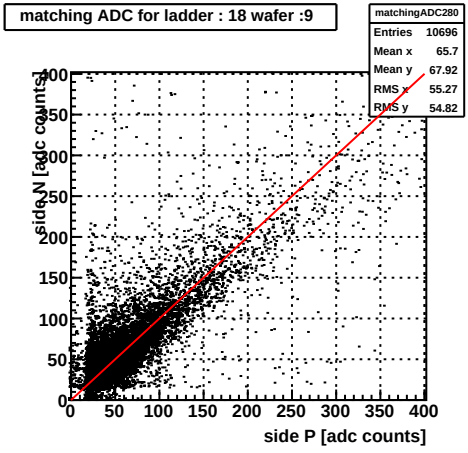

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 7529
Mean x 63.75
Mean y 69.72
RMS x 52.45
RMS y 56.84
side N [adc counts]
side P [adc counts]

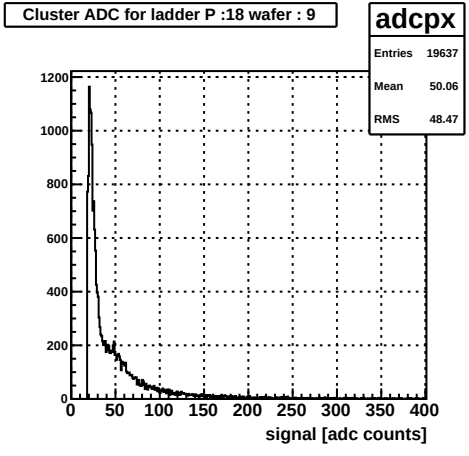

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 23009
Mean 42.74
RMS 42.91
signal [adc counts]

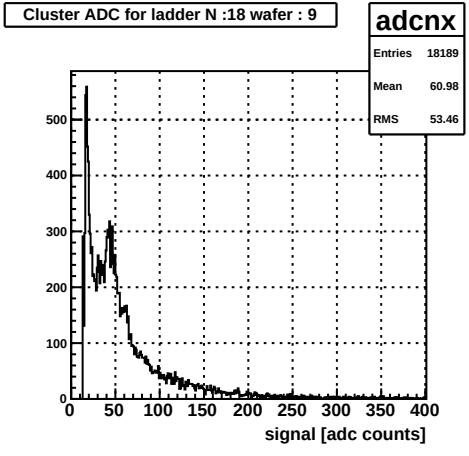

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 16390
Mean 54.78
RMS 54.17
signal [adc counts]

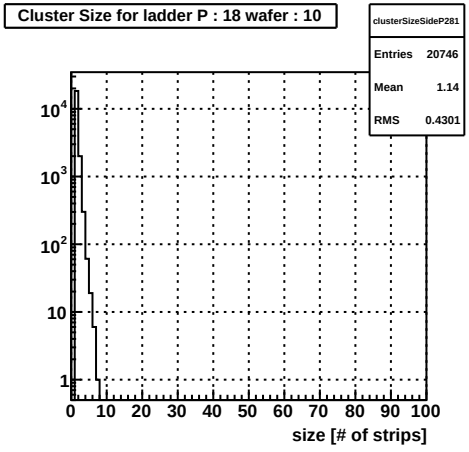

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 19637
Mean 1.186
RMS 0.4901
size [# of strips]

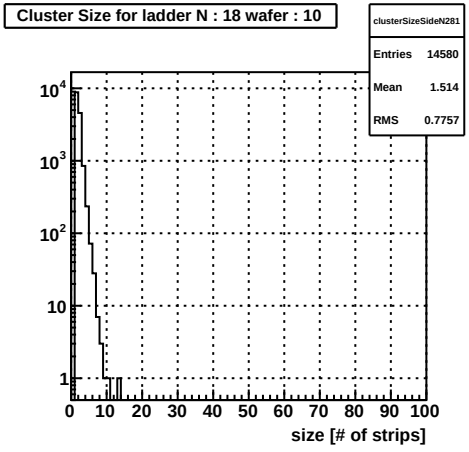

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 18189
Mean 1.674
RMS 1.232
size [# of strips]

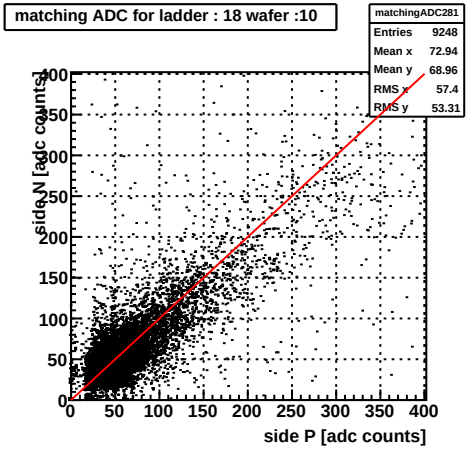

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 10696
Mean x 65.7
Mean y 67.92
RMS x 55.27
RMS y 54.82
side N [adc counts]
side P [adc counts]

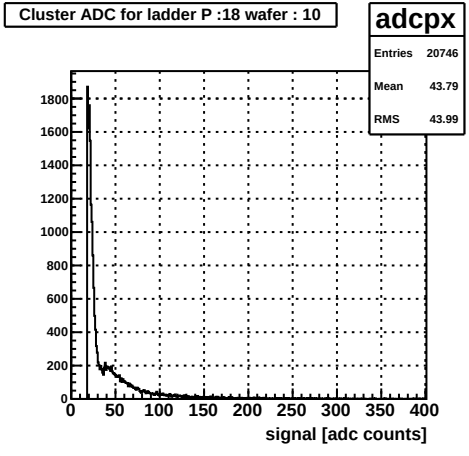

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 19637
Mean 50.06
RMS 48.47
signal [adc counts]

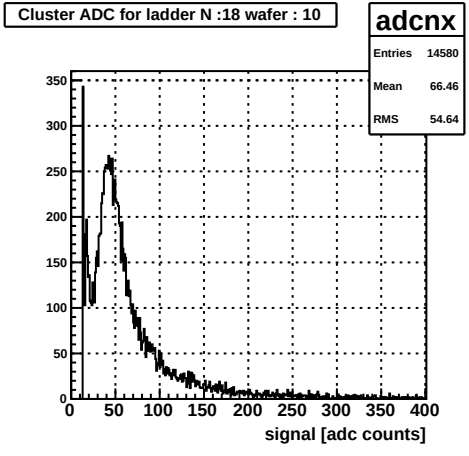

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 18189
Mean 60.98
RMS 53.46
signal [adc counts]

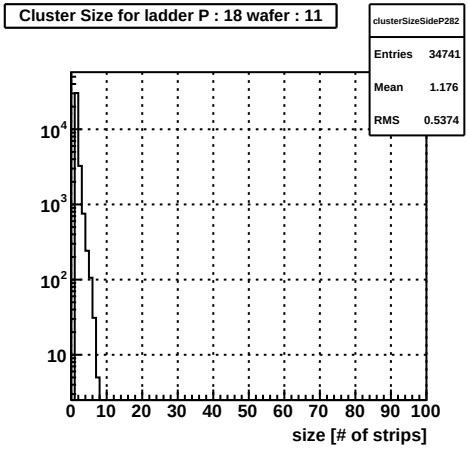

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 20746
Mean 1.14
RMS 0.4301
size [# of strips]

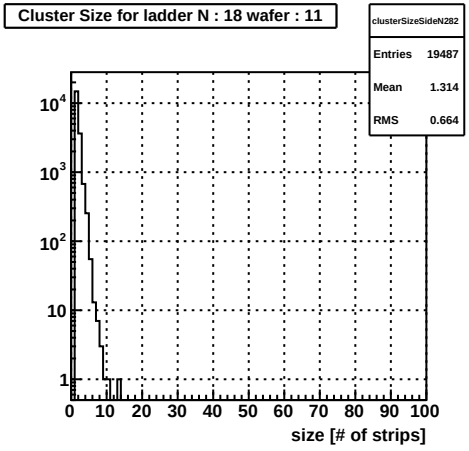

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 14580
Mean 1.514
RMS 0.7757
size [# of strips]

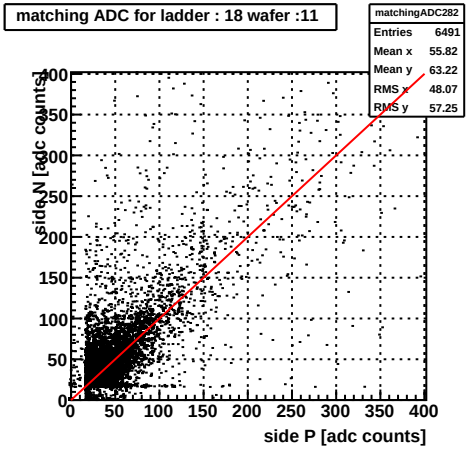

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 9248
Mean x 72.94
Mean y 68.96
RMS x 57.4
RMS y 53.31
side N [adc counts]
side P [adc counts]

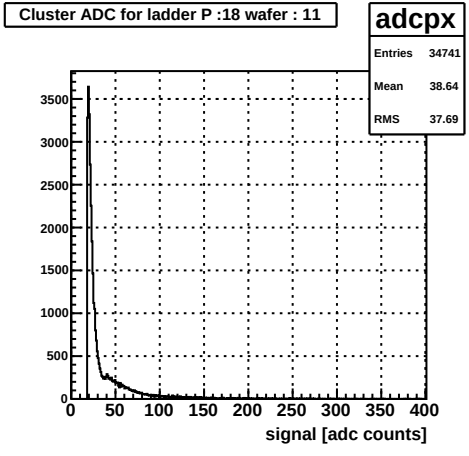

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 20746
Mean 43.79
RMS 43.99
signal [adc counts]

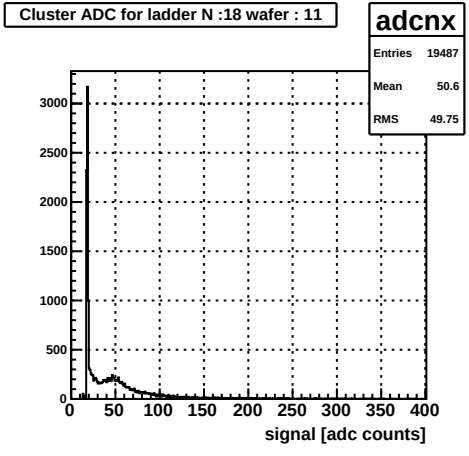

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 14580
Mean 66.46
RMS 54.64
signal [adc counts]

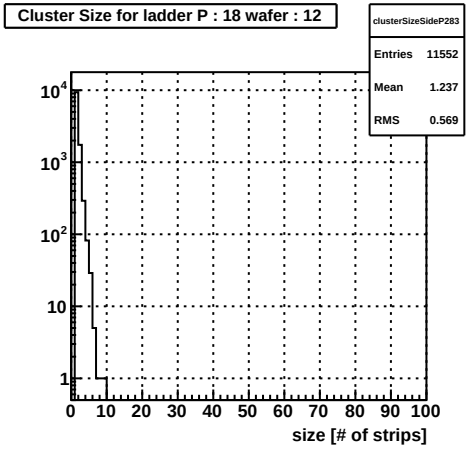

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 34741
Mean 1.176
RMS 0.5374
size [# of strips]

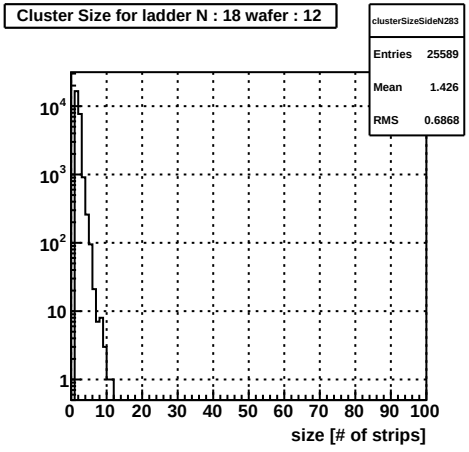

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 19487
Mean 1.314
RMS 0.664
size [# of strips]

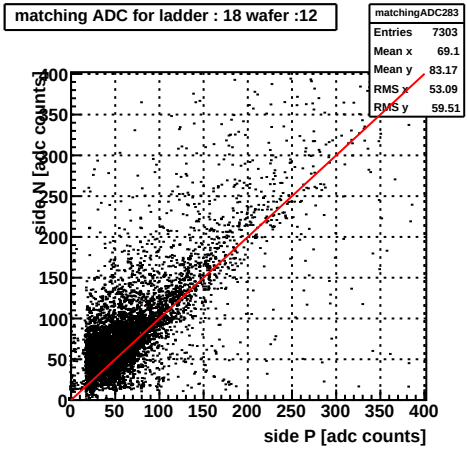

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 6491
Mean x 55.82
Mean y 63.22
RMS x 48.07
RMS y 57.25
side N [adc counts]
side P [adc counts]

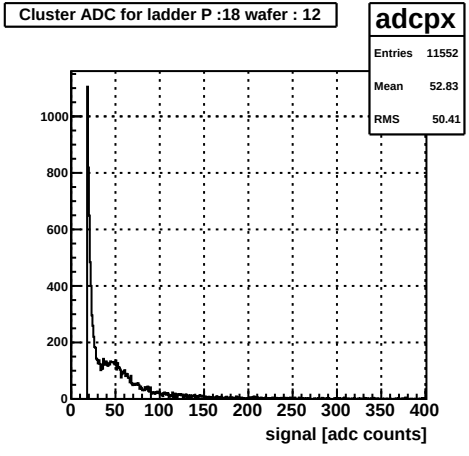

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 34741
Mean 38.64
RMS 37.69
signal [adc counts]

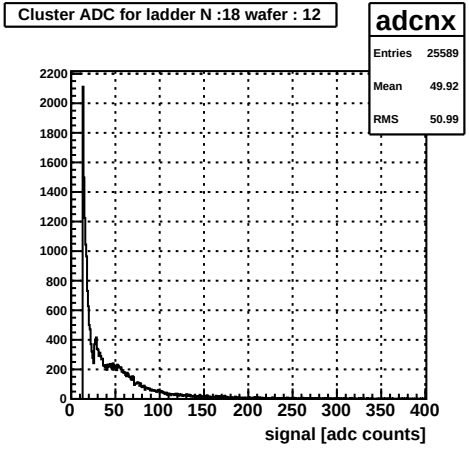

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 19487
Mean 50.6
RMS 49.75
signal [adc counts]

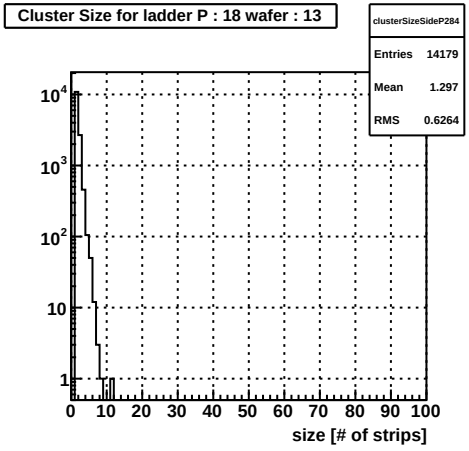

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 11552
Mean 1.237
RMS 0.569
size [# of strips]

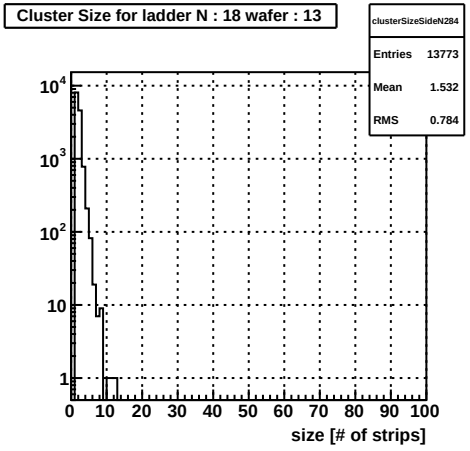

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 25589
Mean 1.426
RMS 0.6868
size [# of strips]

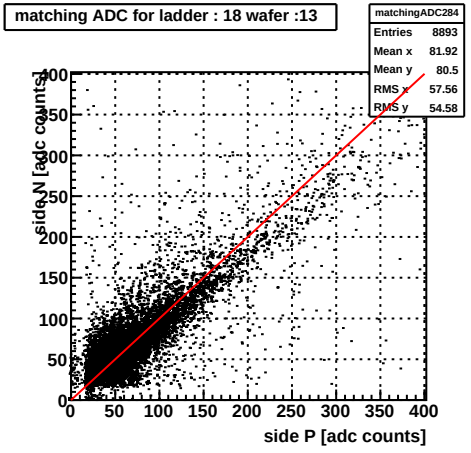

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 7303
Mean x 69.1
Mean y 83.17
RMS x 53.09
RMS y 59.51
side N [adc counts]
side P [adc counts]

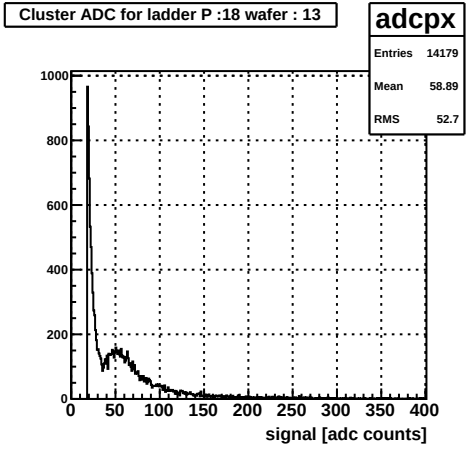

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 11552
Mean 52.83
RMS 50.41
signal [adc counts]

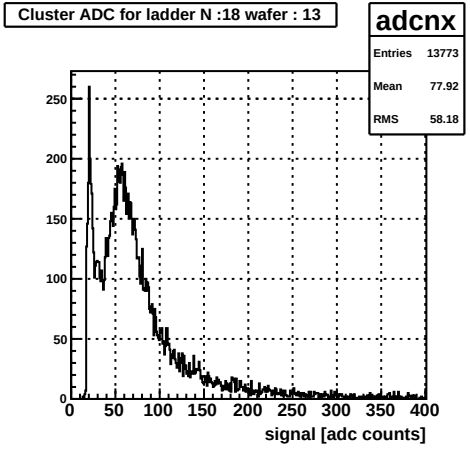

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 25589
Mean 49.92
RMS 50.99
signal [adc counts]

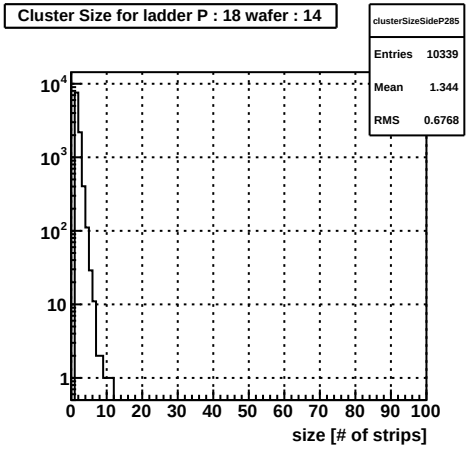

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 14179
Mean 1.297
RMS 0.6264
size [# of strips]

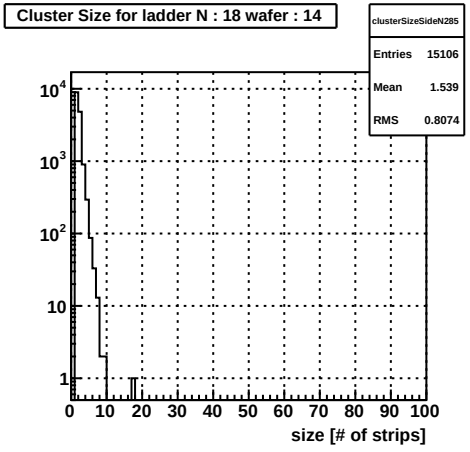

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 13773
Mean 1.532
RMS 0.784
size [# of strips]

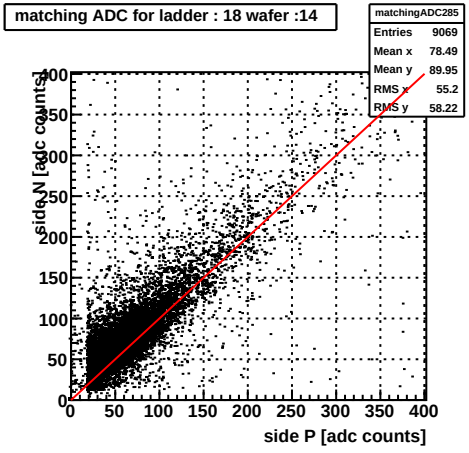

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 8893
Mean x 81.92
Mean y 80.5
RMS x 57.56
RMS y 54.58
side N [adc counts]
side P [adc counts]

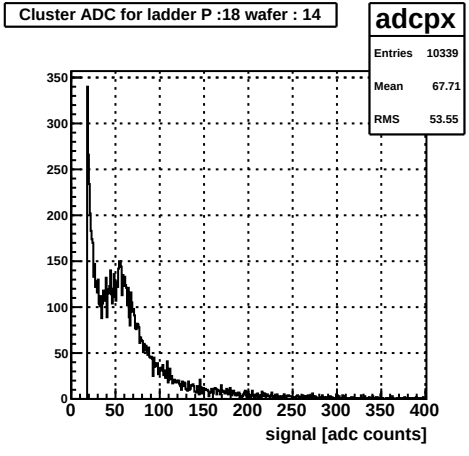

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 14179
Mean 58.89
RMS 52.7
signal [adc counts]

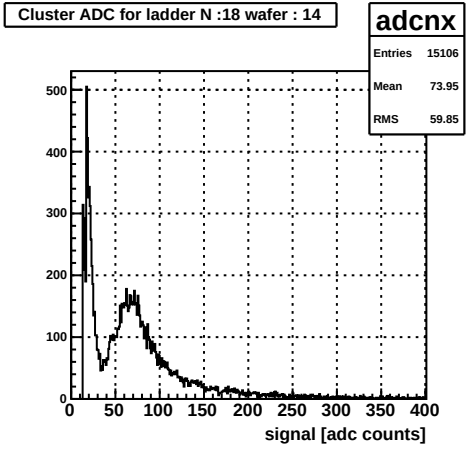

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 13773
Mean 77.92
RMS 58.18
signal [adc counts]

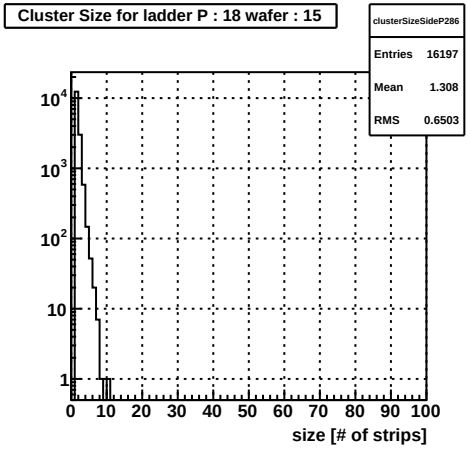

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 10339
Mean 1.344
RMS 0.6768
size [# of strips]

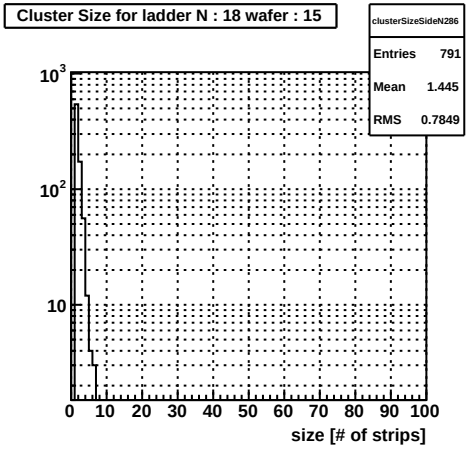

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 15106
Mean 1.539
RMS 0.8074
size [# of strips]

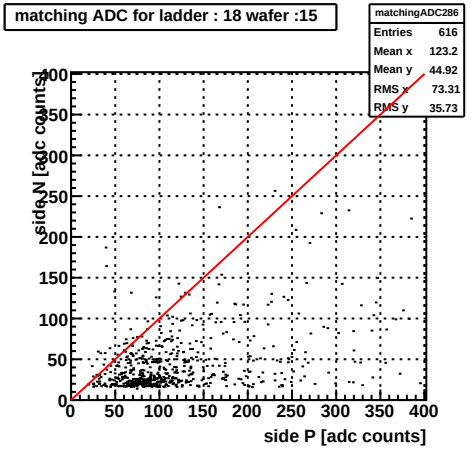

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 9069
Mean x 78.49
Mean y 89.95
RMS x 55.2
RMS y 58.22
side N [adc counts]
side P [adc counts]

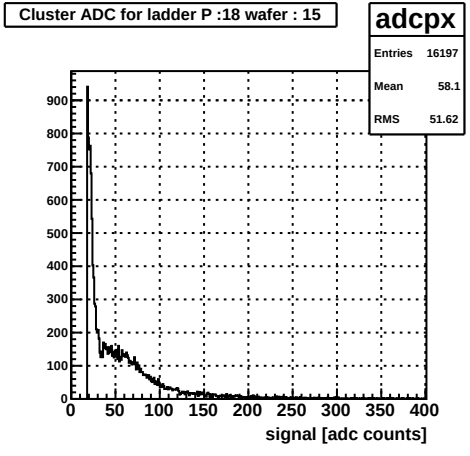

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 10339
Mean 67.71
RMS 53.55
signal [adc counts]

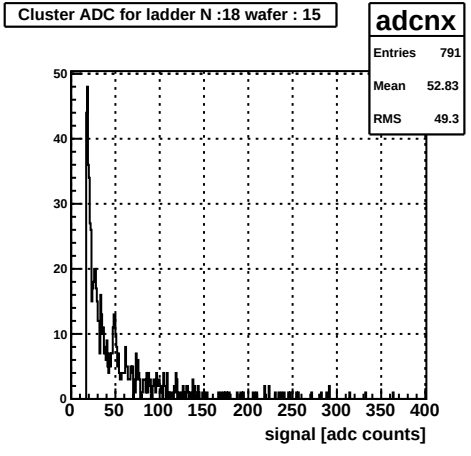

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 15106
Mean 73.95
RMS 59.85
signal [adc counts]

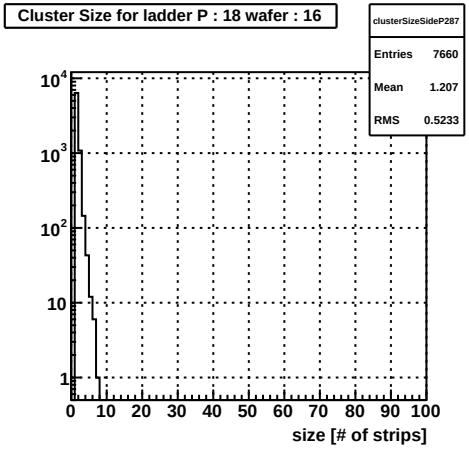

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 16197
Mean 1.308
RMS 0.6503
size [# of strips]

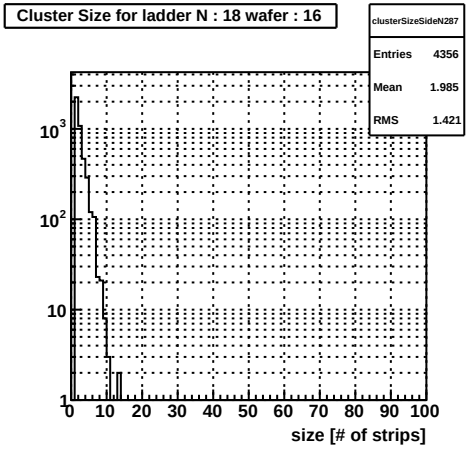

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 791
Mean 1.445
RMS 0.7849
size [# of strips]

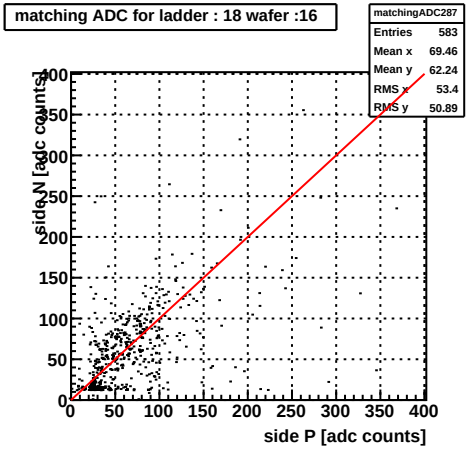

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 616
Mean x 123.2
Mean y 44.92
RMS x 73.31
RMS y 35.73
side N [adc counts]
side P [adc counts]

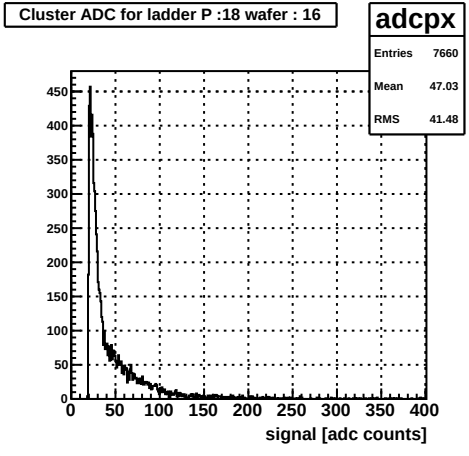

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 16197
Mean 58.1
RMS 51.62
signal [adc counts]

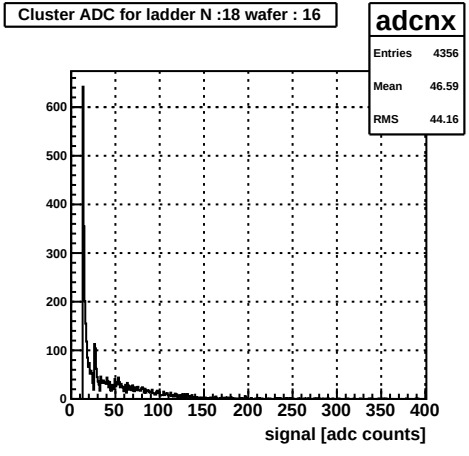

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 791
Mean 52.83
RMS 49.3
signal [adc counts]

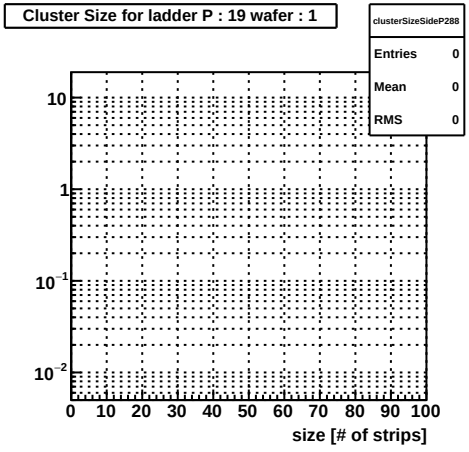

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 7660
Mean 1.207
RMS 0.5233
size [# of strips]

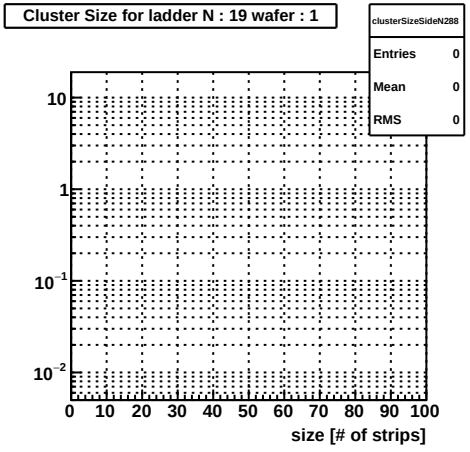

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4356
Mean 1.985
RMS 1.421
size [# of strips]

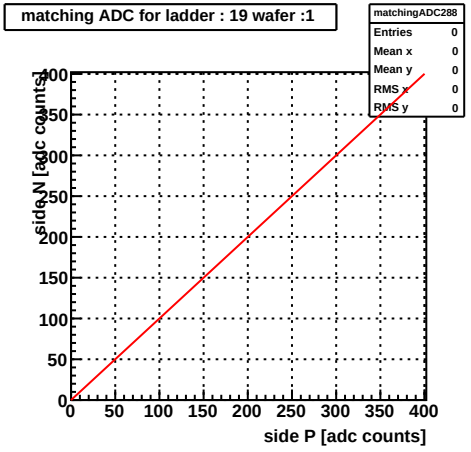

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 583
Mean x 69.46
Mean y 62.24
RMS x 53.4
RMS y 50.89
side N [adc counts]
side P [adc counts]

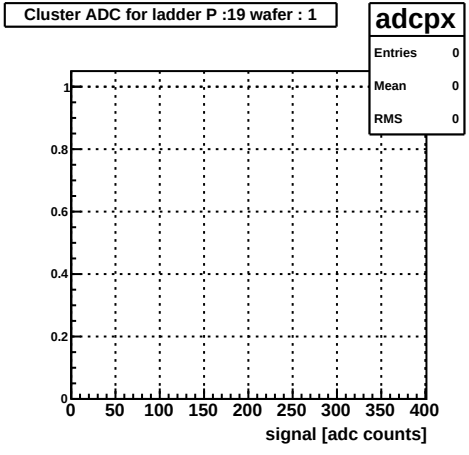

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 7660
Mean 47.03
RMS 41.48
signal [adc counts]

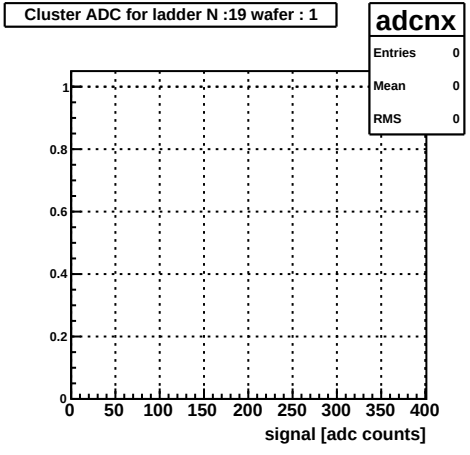

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4356
Mean 46.59
RMS 44.16
signal [adc counts]

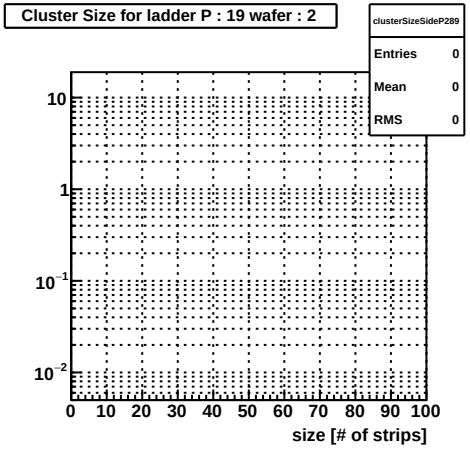

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

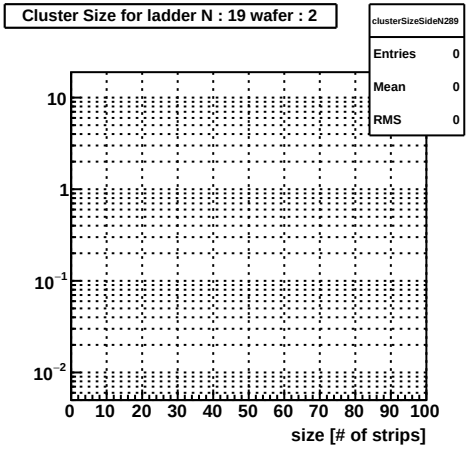

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

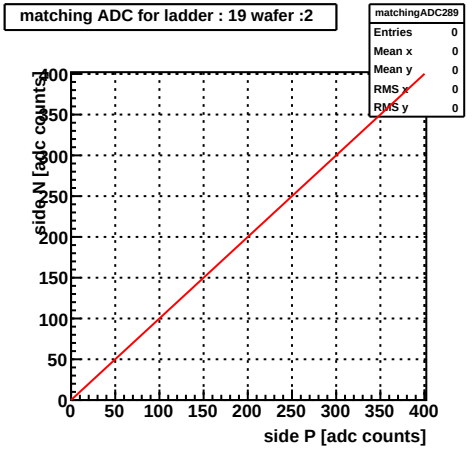

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

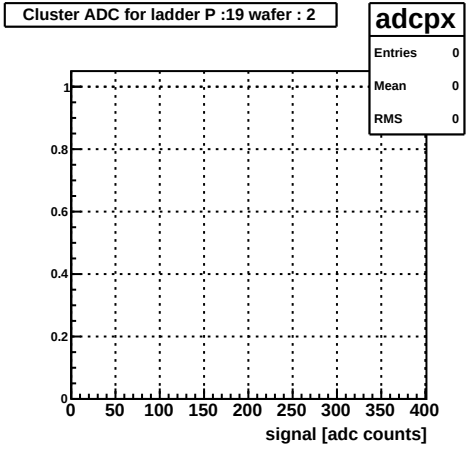

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

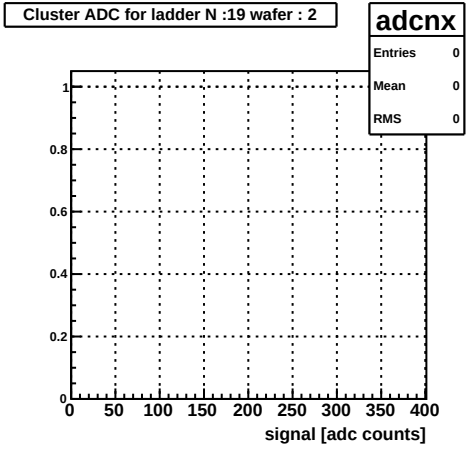

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

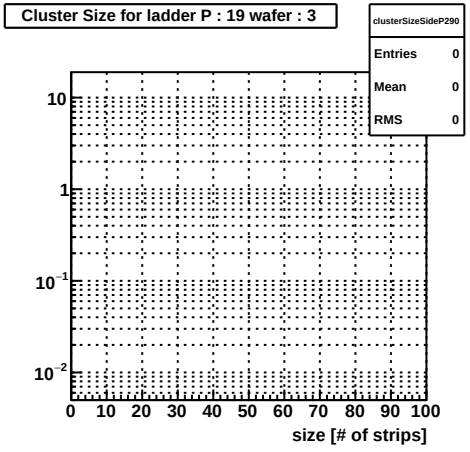

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

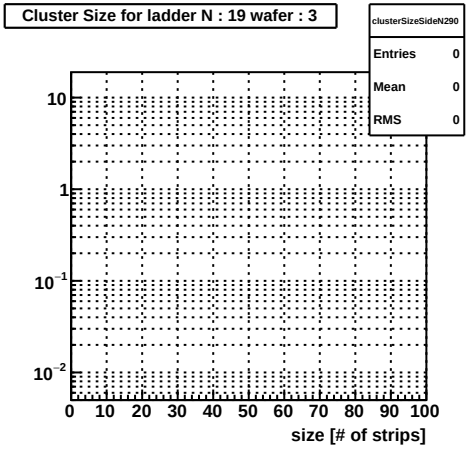

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

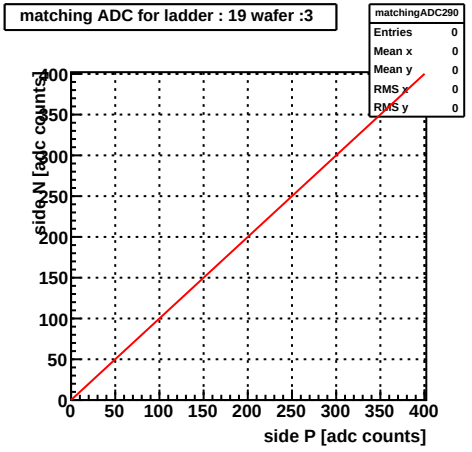

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

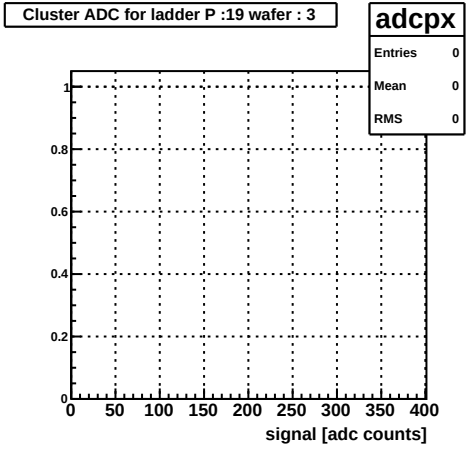

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

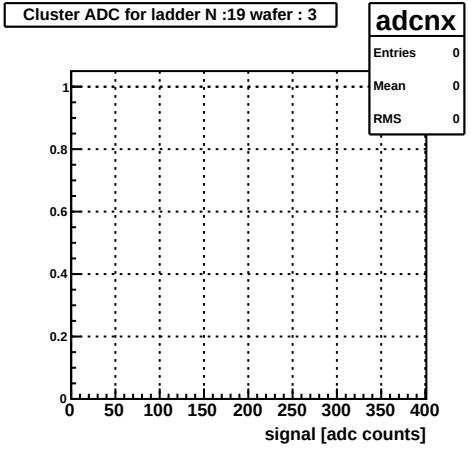

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

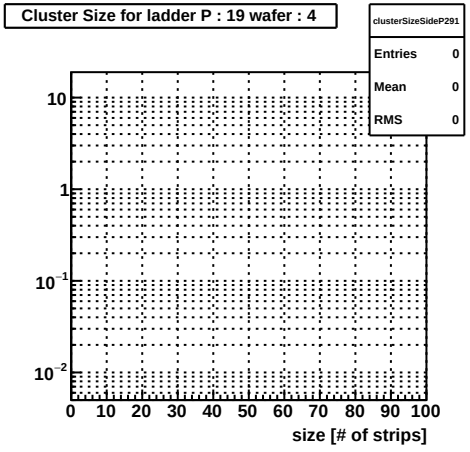

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

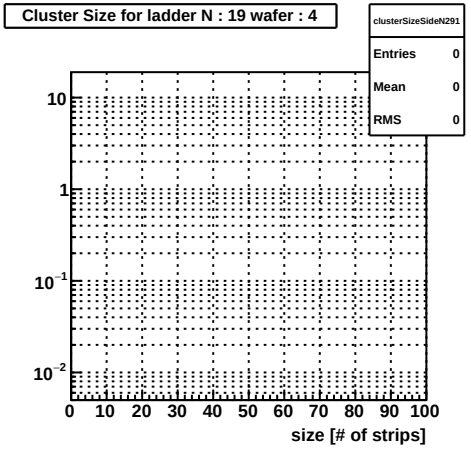

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

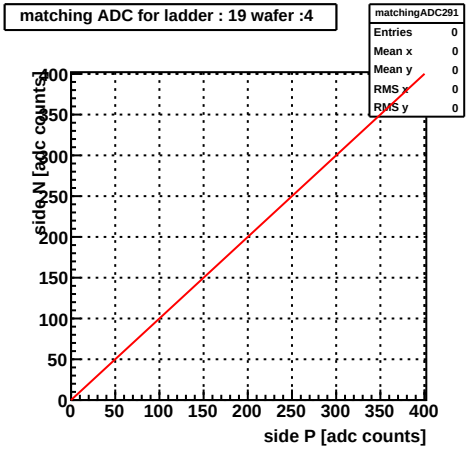

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

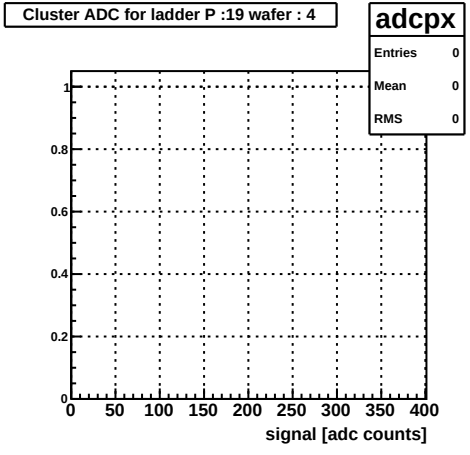

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

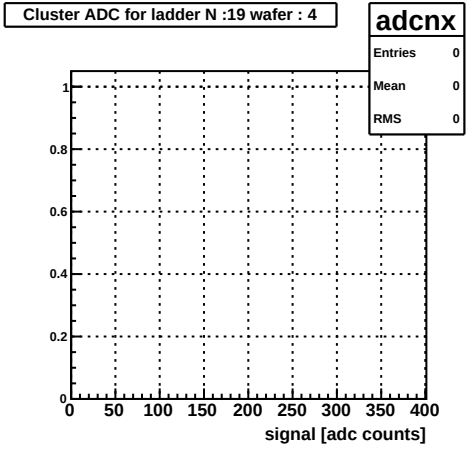

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

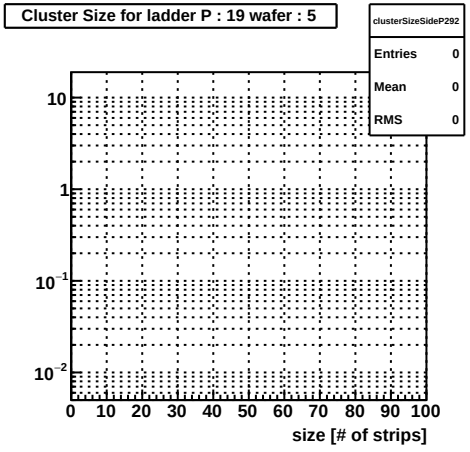

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

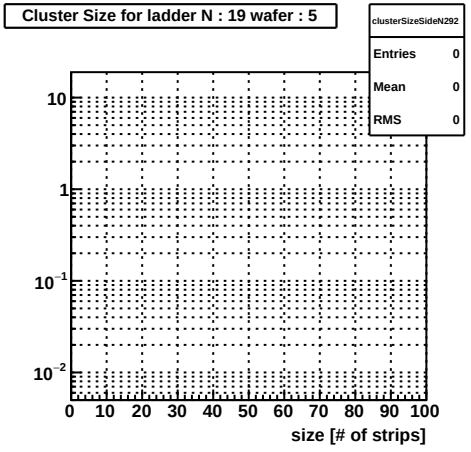

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

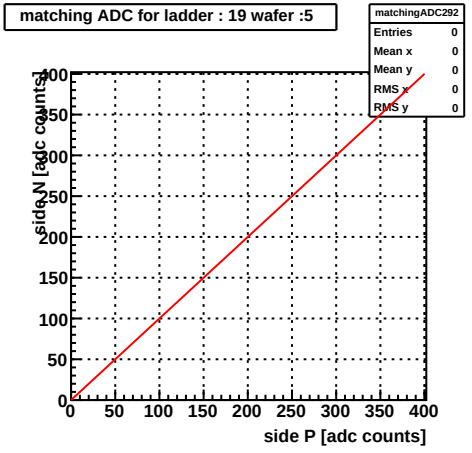

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

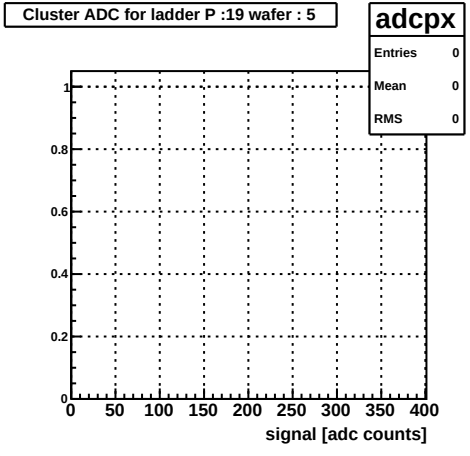

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

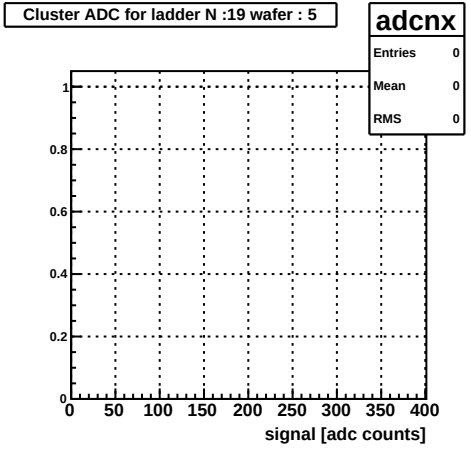

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

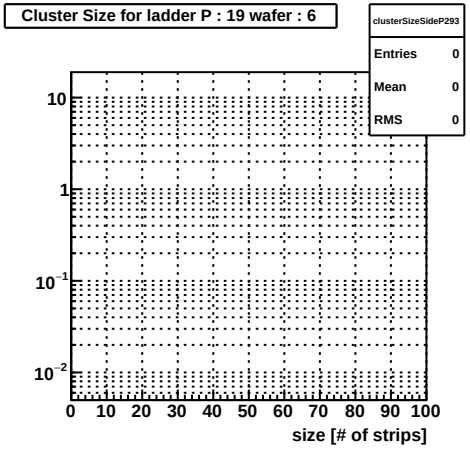

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

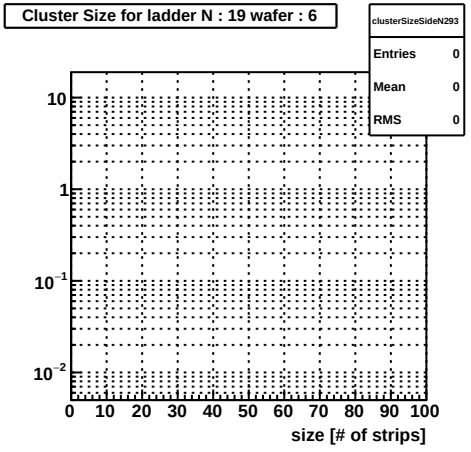

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

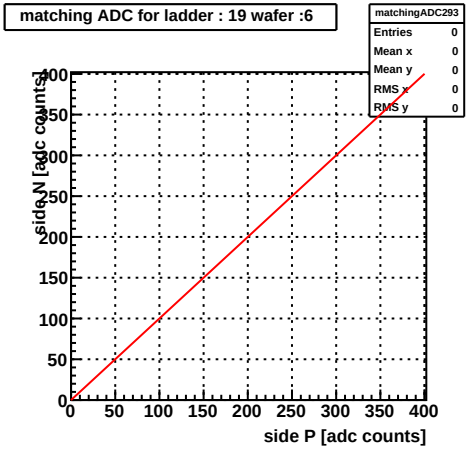

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

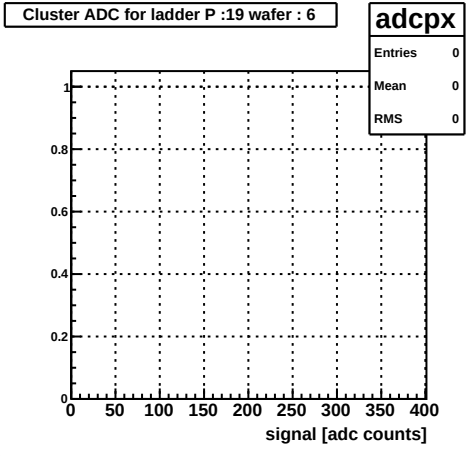

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

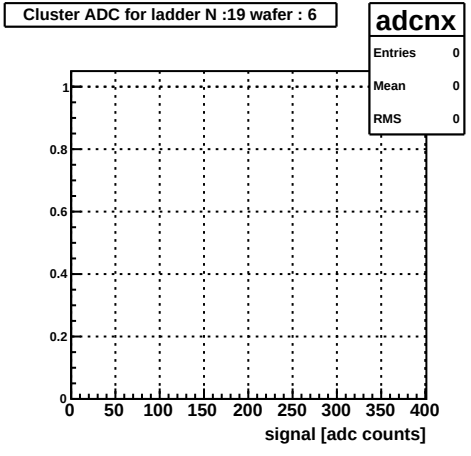

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

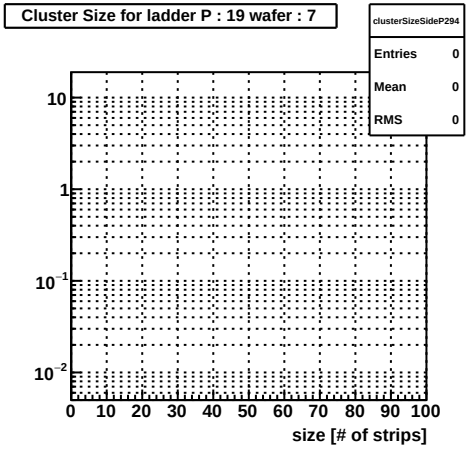

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

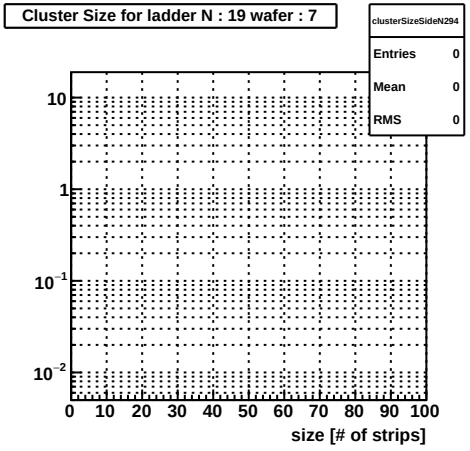

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

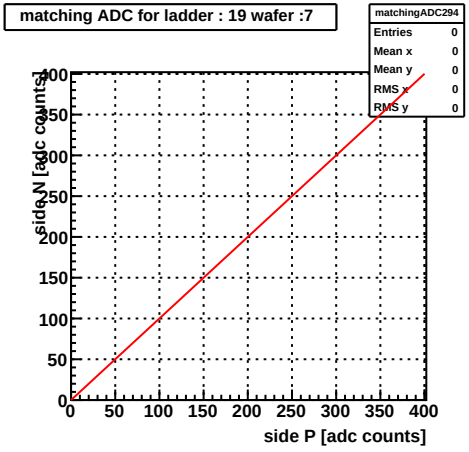

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

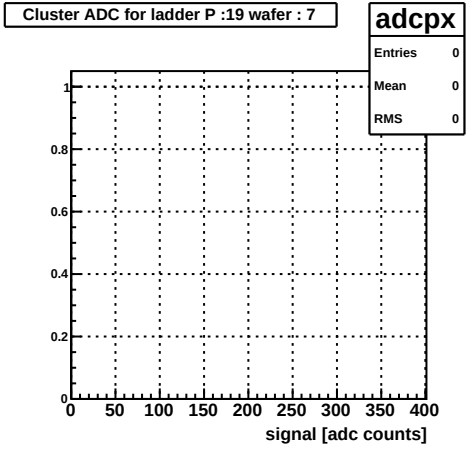

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

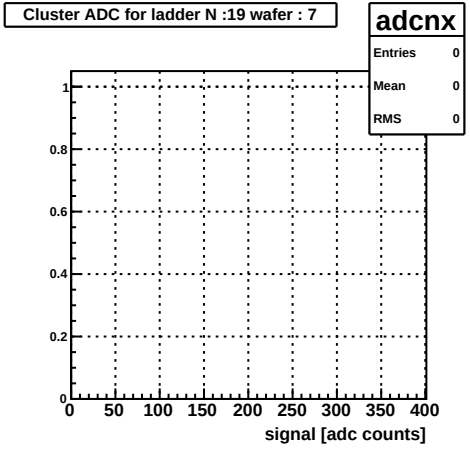

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

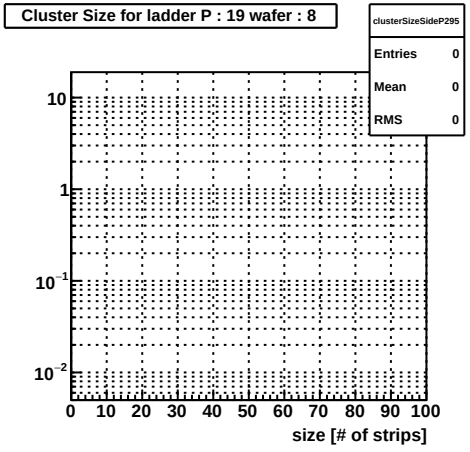

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

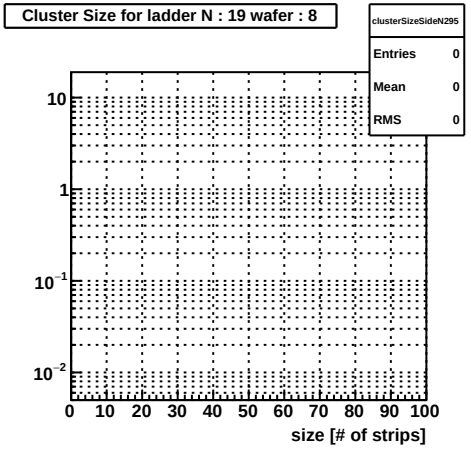

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

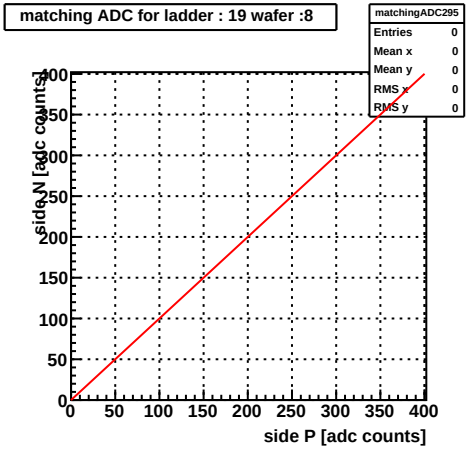

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

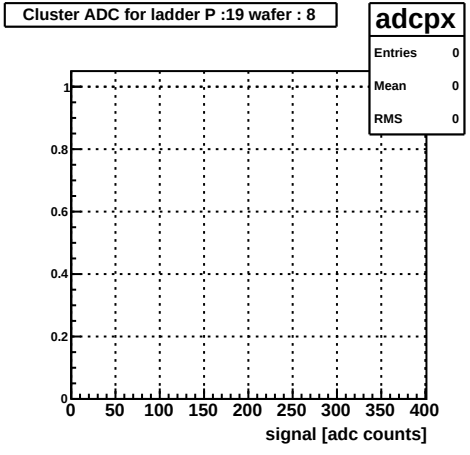

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

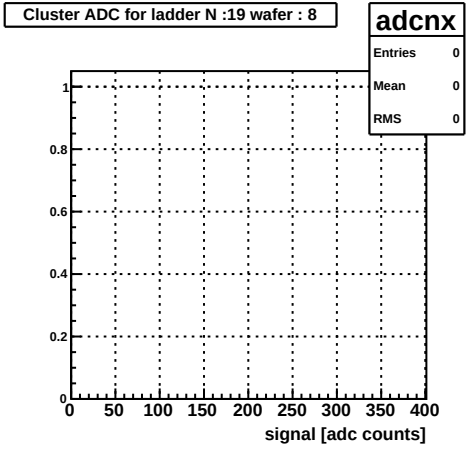

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

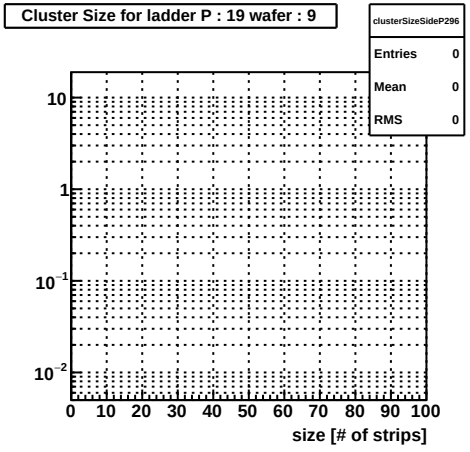

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

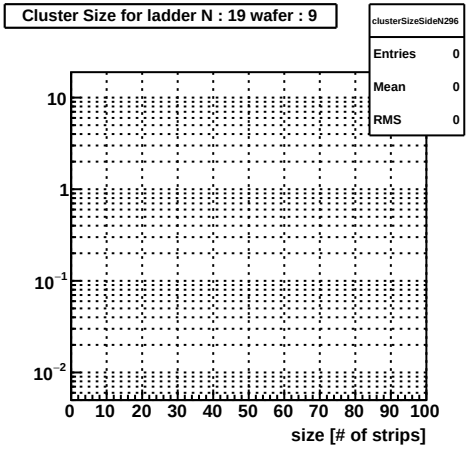

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

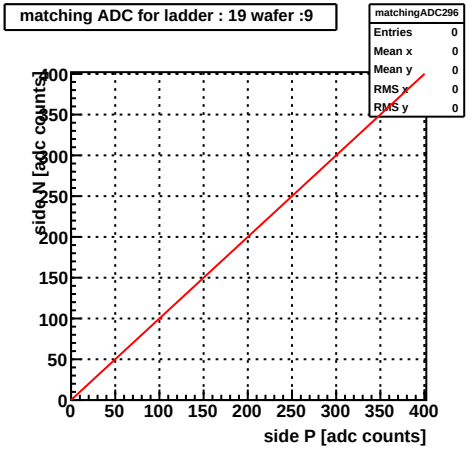

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

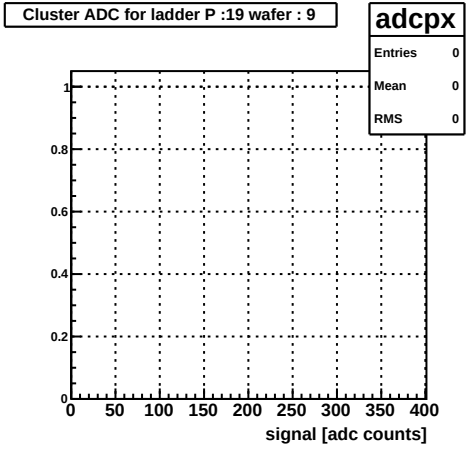

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

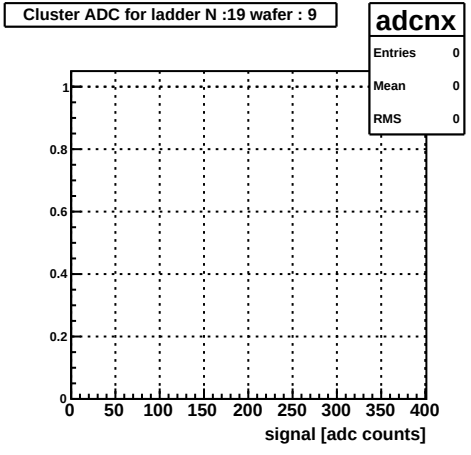

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

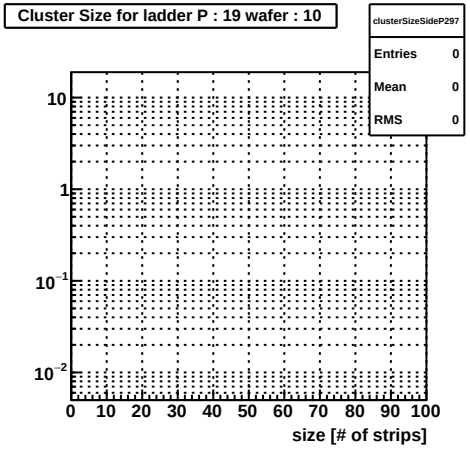

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

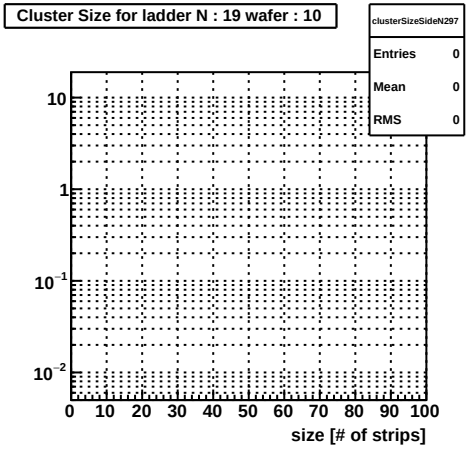

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

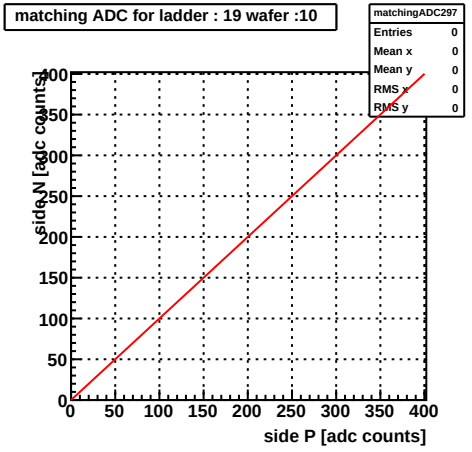

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

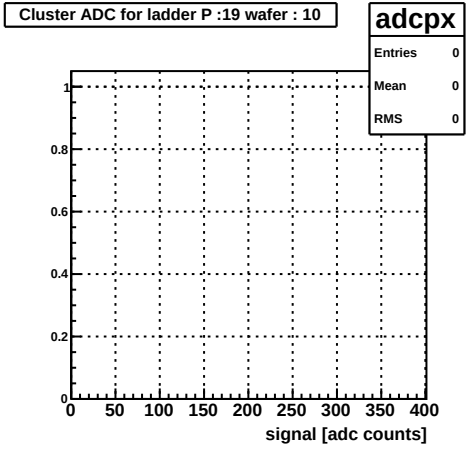

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

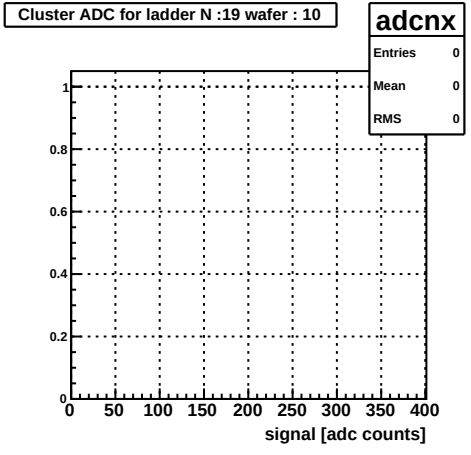

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

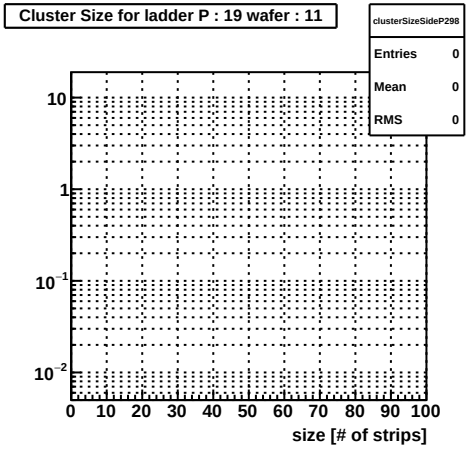

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

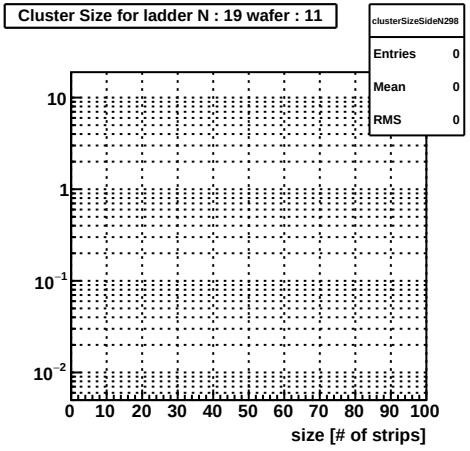

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

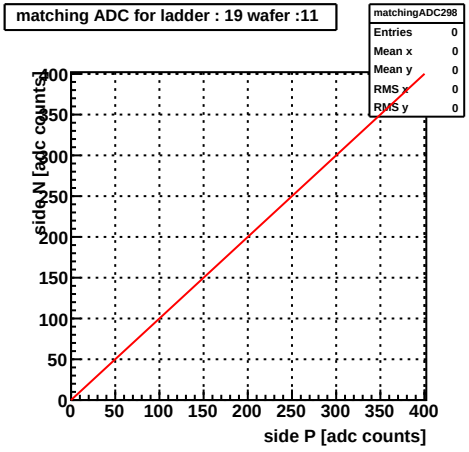

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

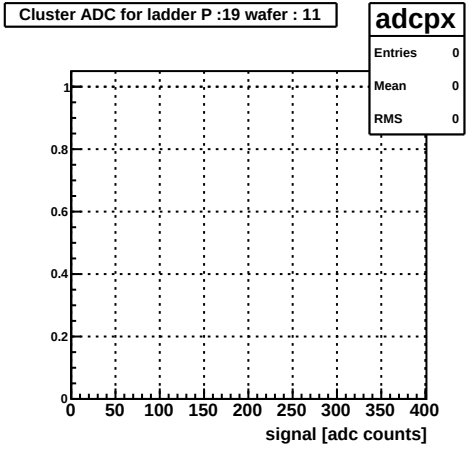

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

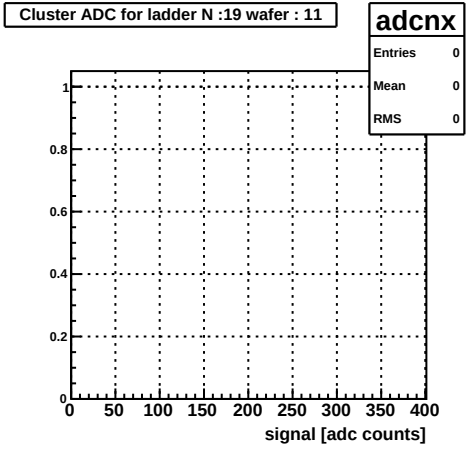

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

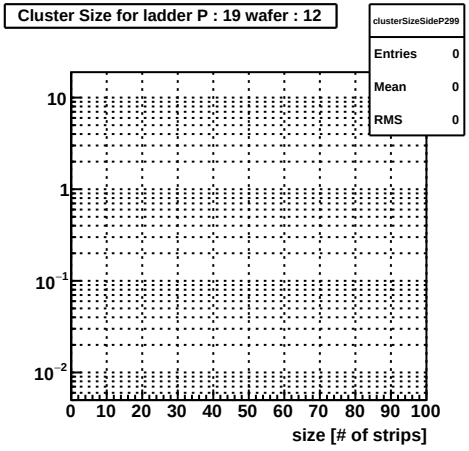

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

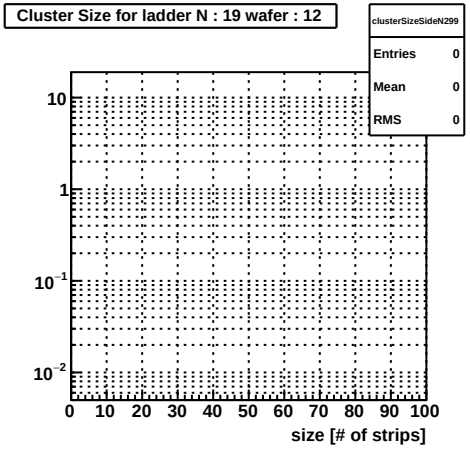

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

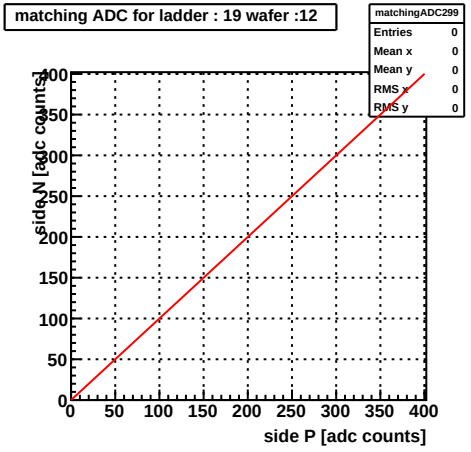

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

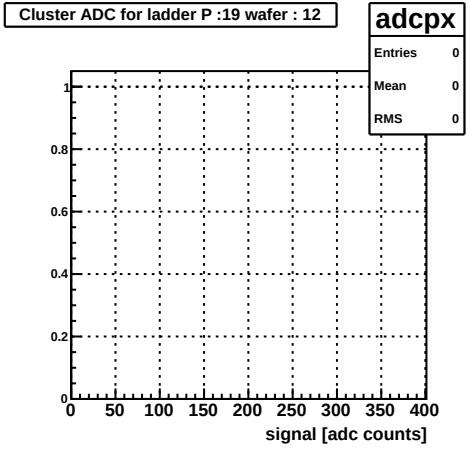

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

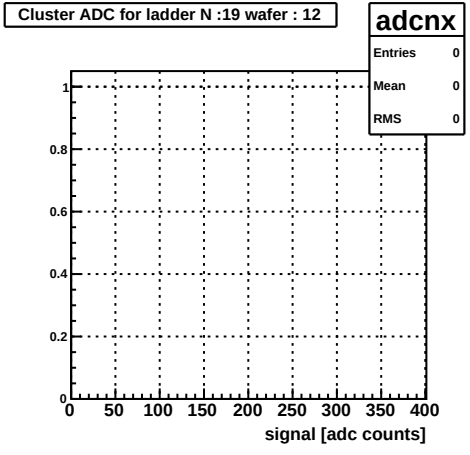

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

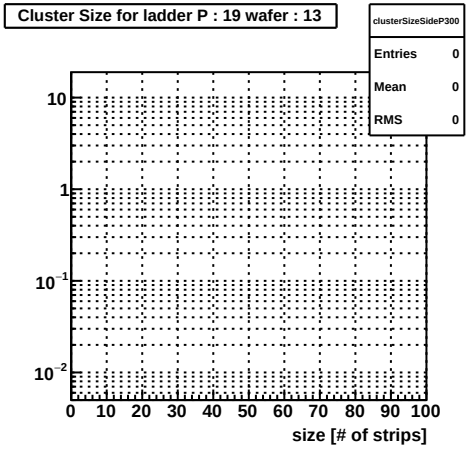

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

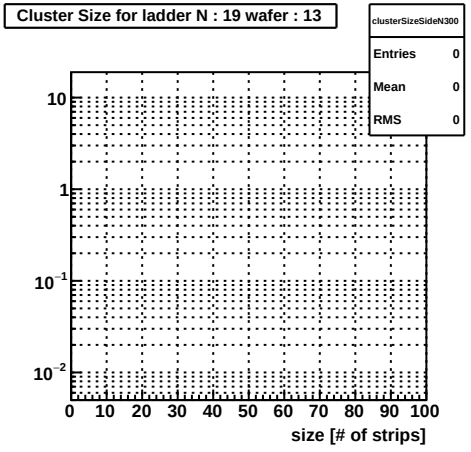

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

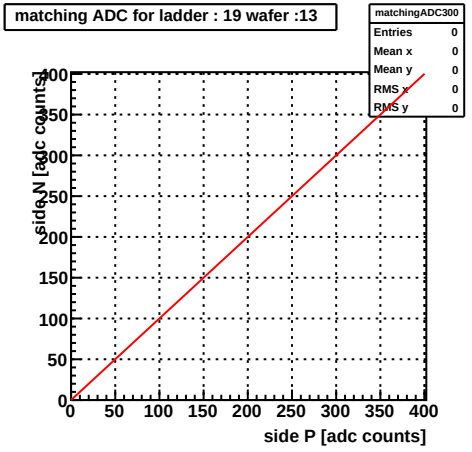

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

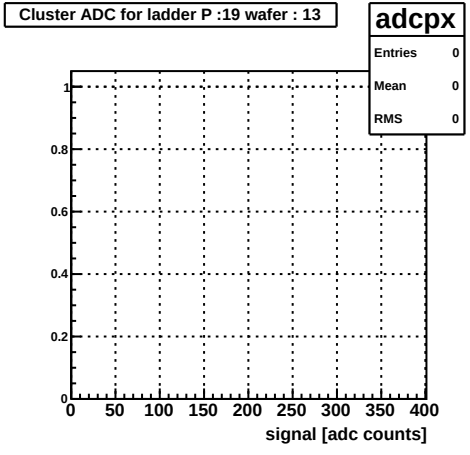

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

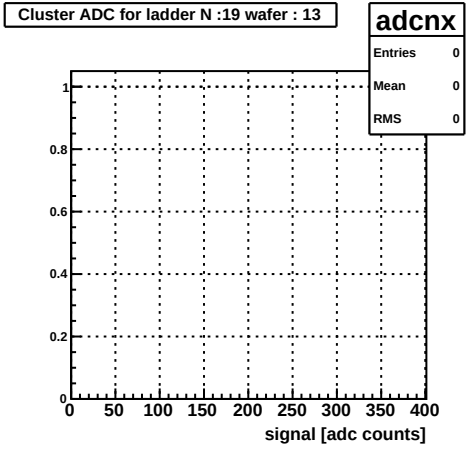

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

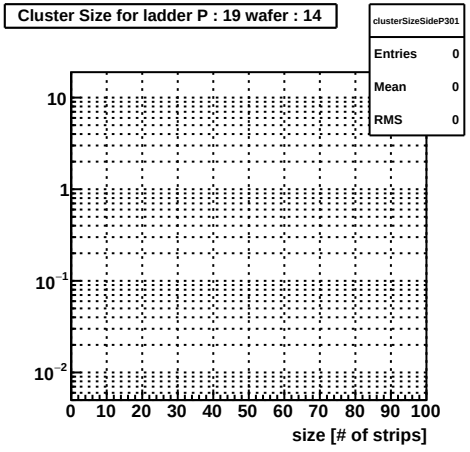

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

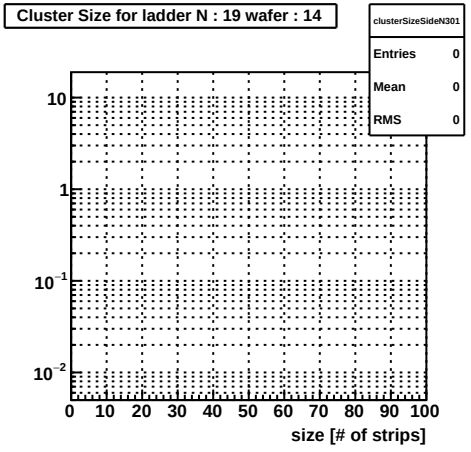

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

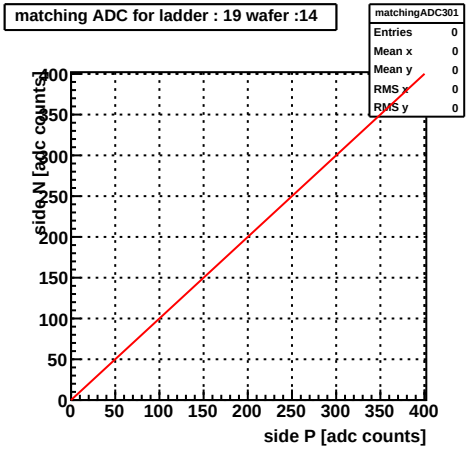

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

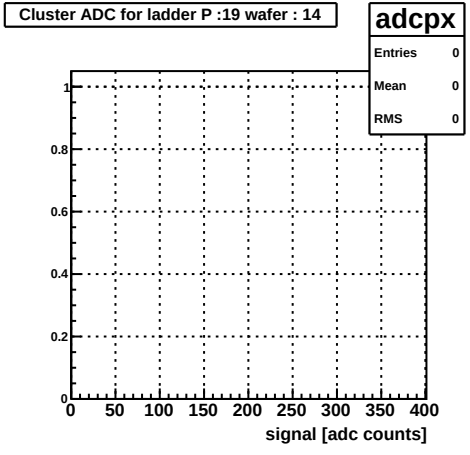

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

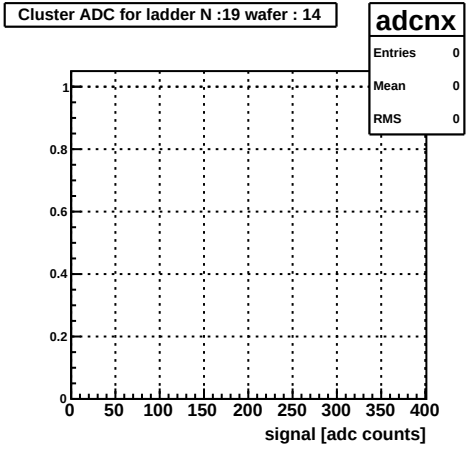

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

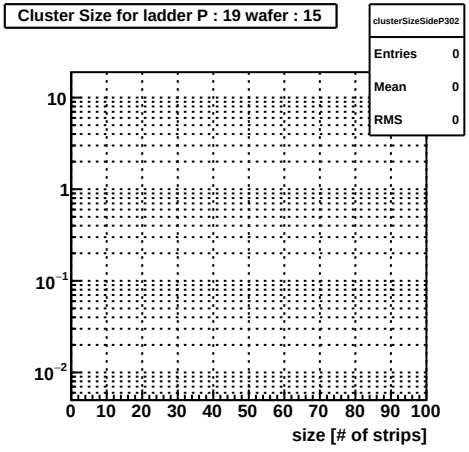

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

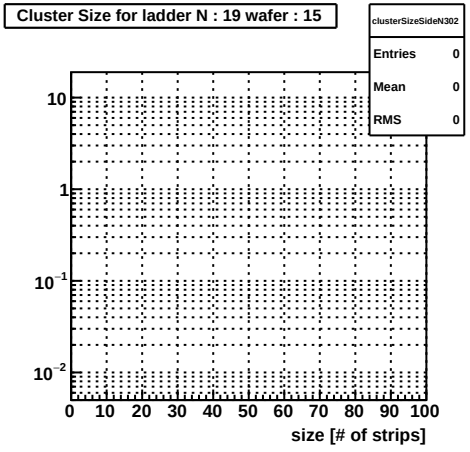

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

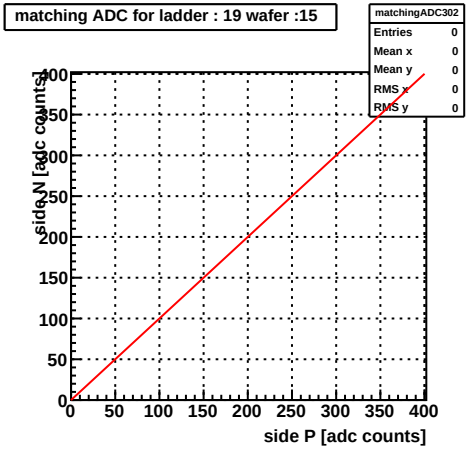

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

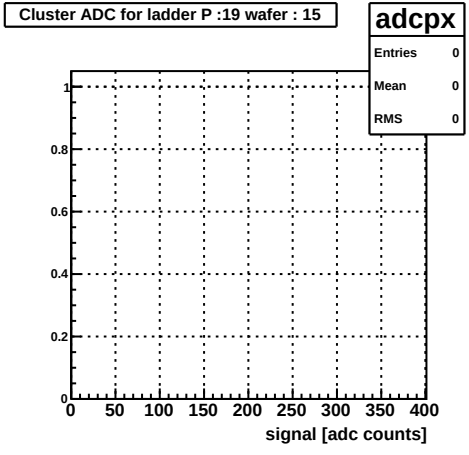

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

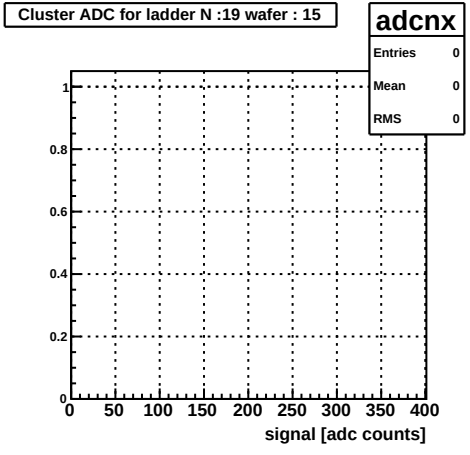

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

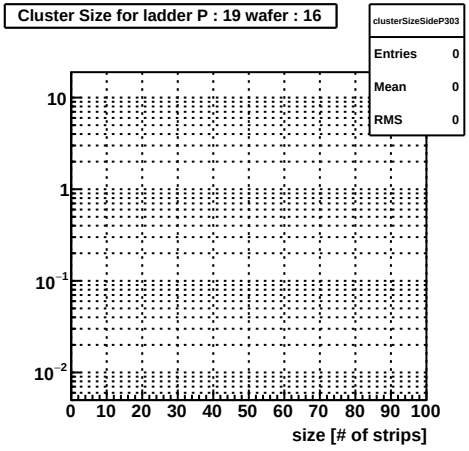

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

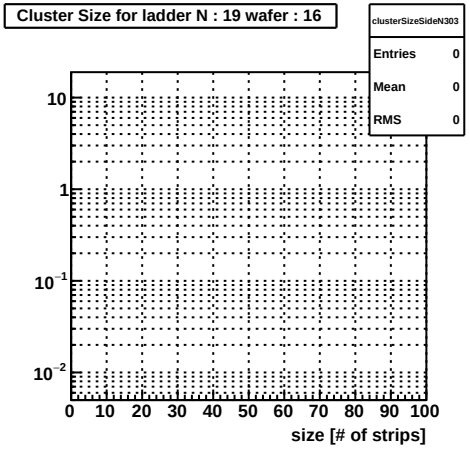

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

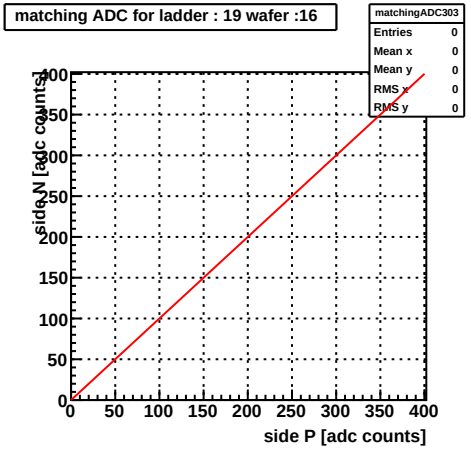

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

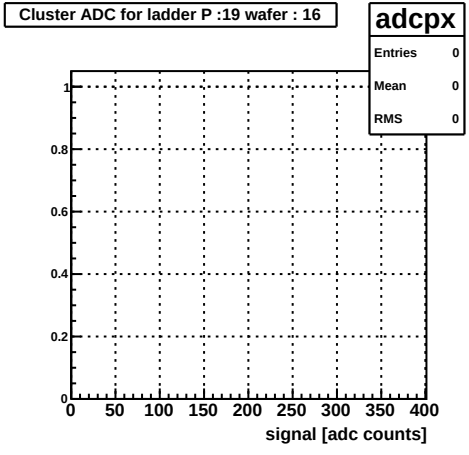

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

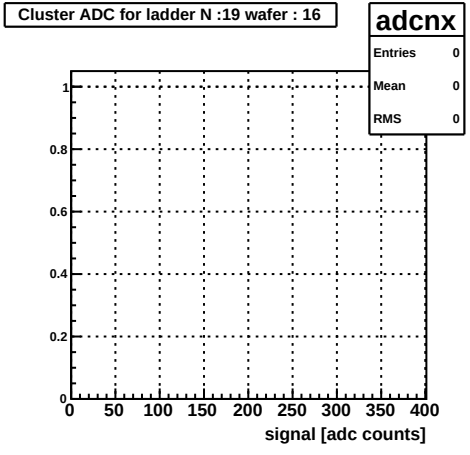

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

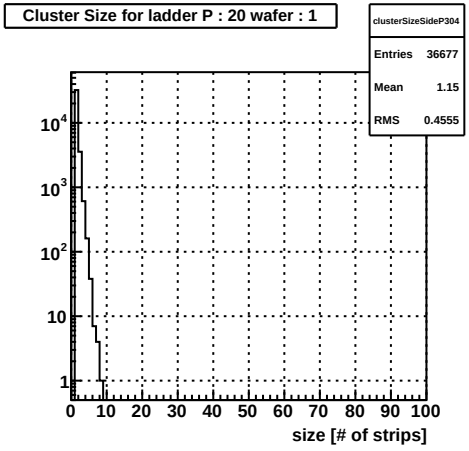

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

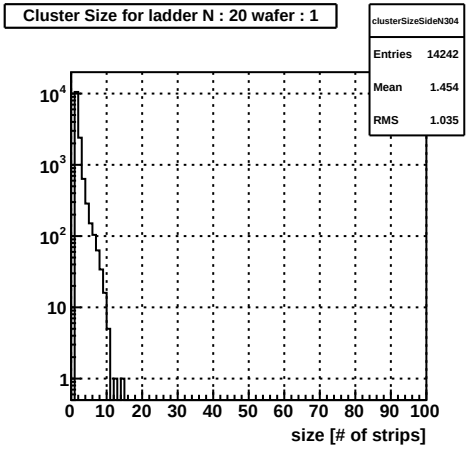

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

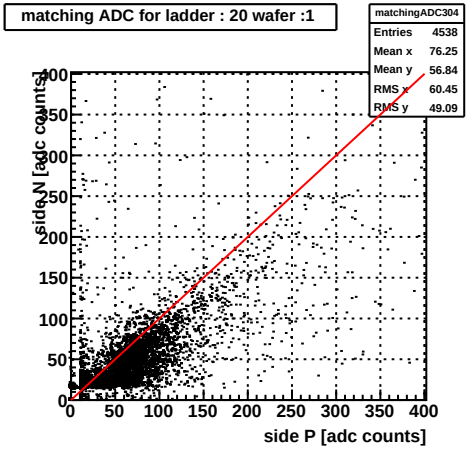

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

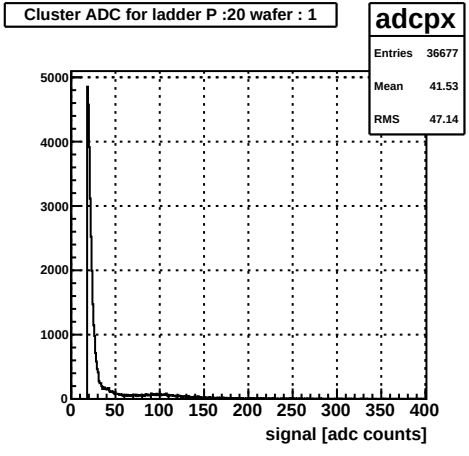

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

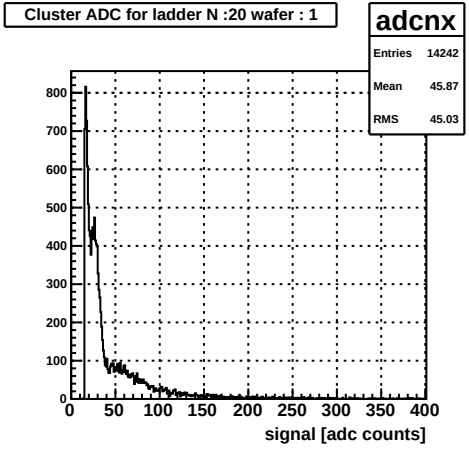

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

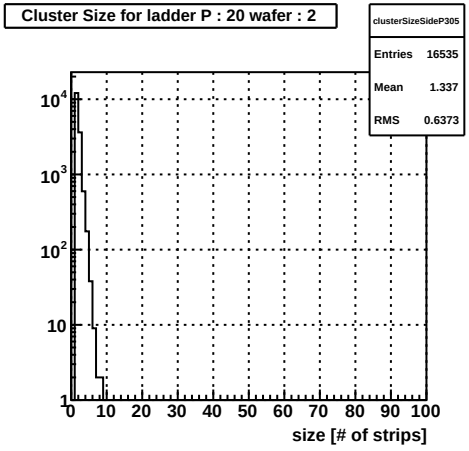

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 36677
Mean 1.15
RMS 0.4555
size [# of strips]

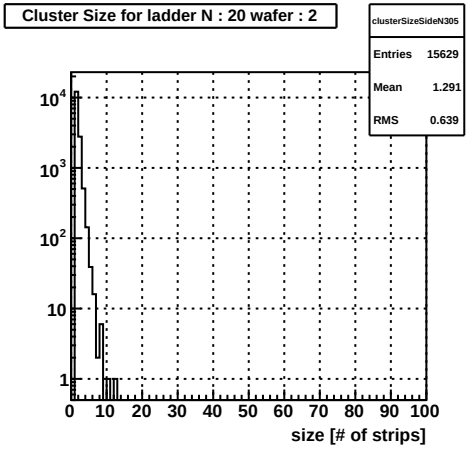

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 14242
Mean 1.454
RMS 1.035
size [# of strips]

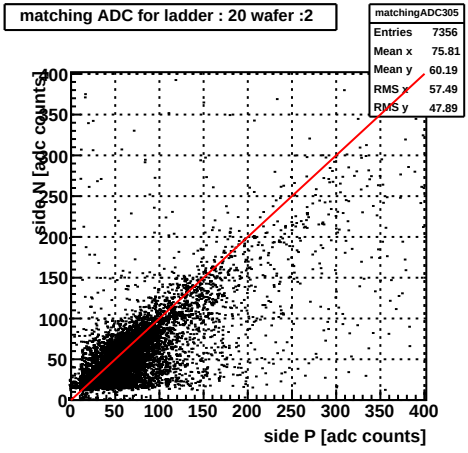

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4538
Mean x 76.25
Mean y 56.84
RMS x 60.45
RMS y 49.09
side N [adc counts]
side P [adc counts]

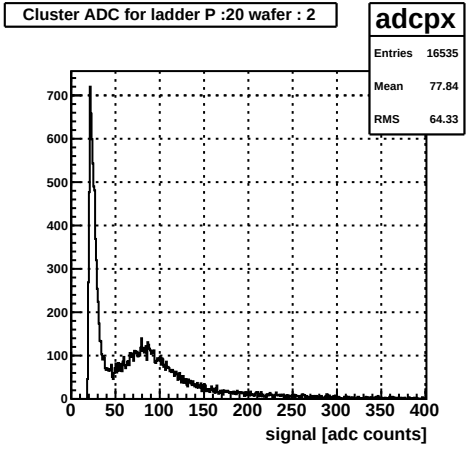

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 36677
Mean 41.53
RMS 47.14
signal [adc counts]

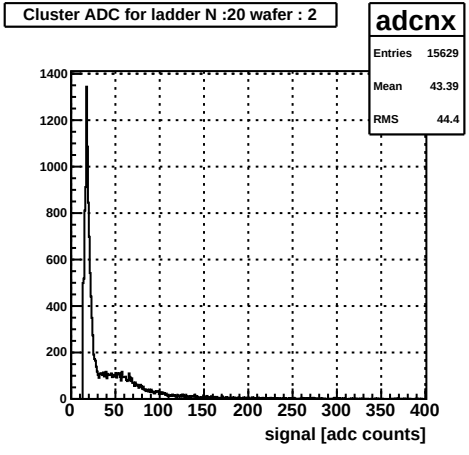

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 14242
Mean 45.87
RMS 45.03
signal [adc counts]

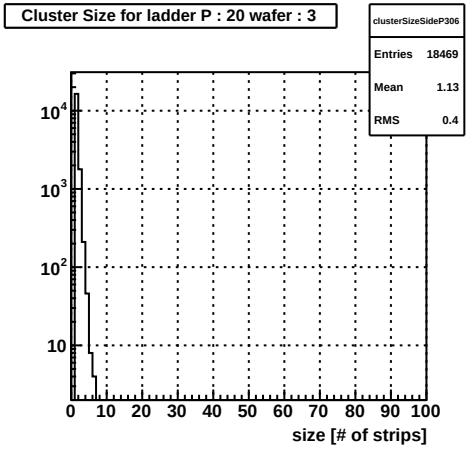

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 16535
Mean 1.337
RMS 0.6373
size [# of strips]

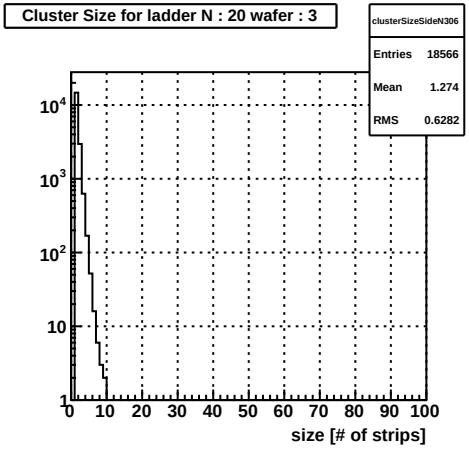

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 15629
Mean 1.291
RMS 0.639
size [# of strips]

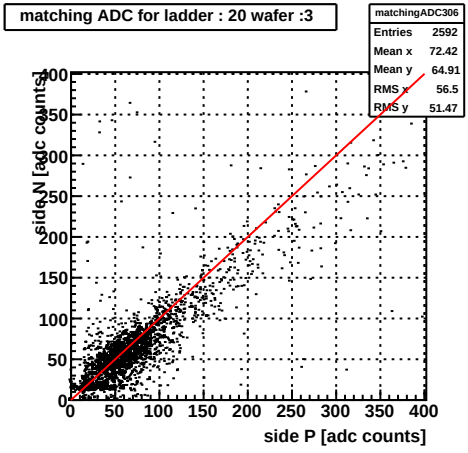

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 7356
Mean x 75.81
Mean y 60.19
RMS x 57.49
RMS y 47.89
side N [adc counts]
side P [adc counts]

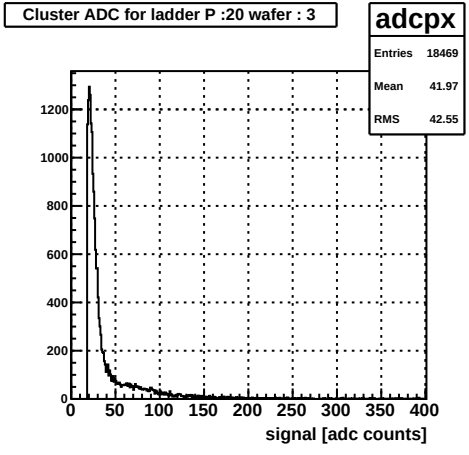

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 16535
Mean 77.84
RMS 64.33
signal [adc counts]

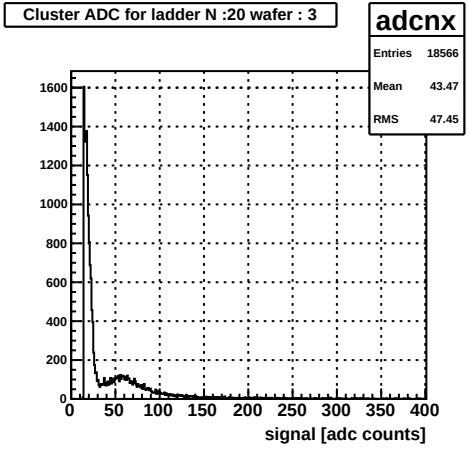

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 15629
Mean 43.39
RMS 44.4
signal [adc counts]

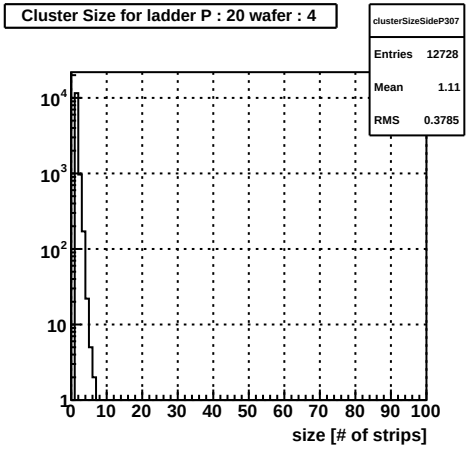

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 18469
Mean 1.13
RMS 0.4
size [# of strips]

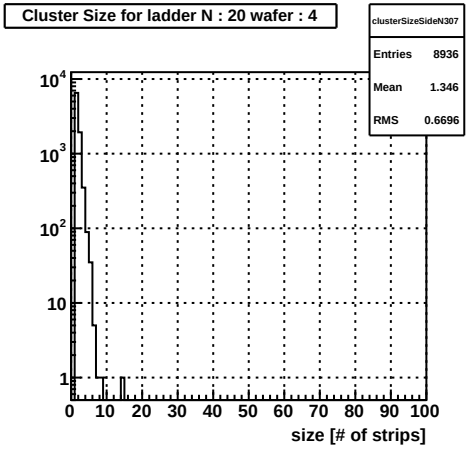

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 18566
Mean 1.274
RMS 0.6282
size [# of strips]

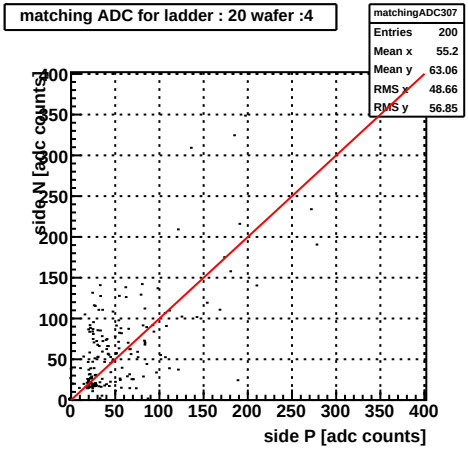

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2592
Mean x 72.42
Mean y 64.91
RMS x 56.5
RMS y 51.47
side N [adc counts]
side P [adc counts]

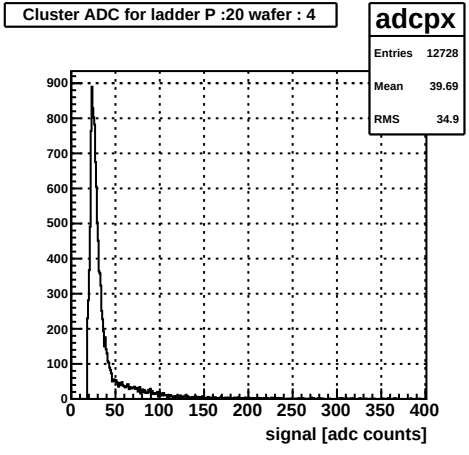

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 18469
Mean 41.97
RMS 42.55
signal [adc counts]

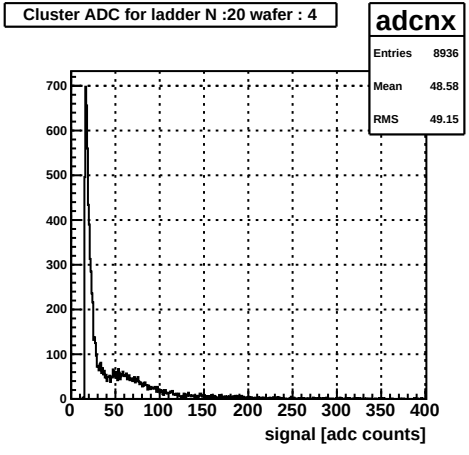

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 18566
Mean 43.47
RMS 47.45
signal [adc counts]

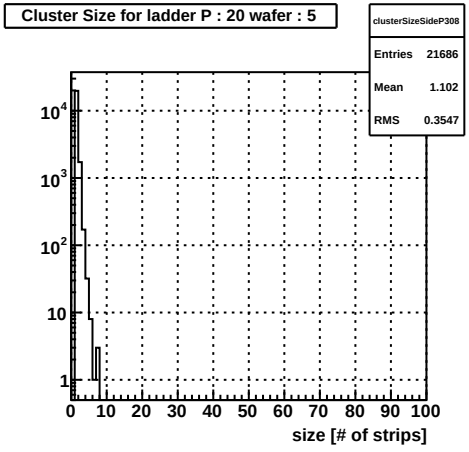

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 12728
Mean 1.11
RMS 0.3785
size [# of strips]

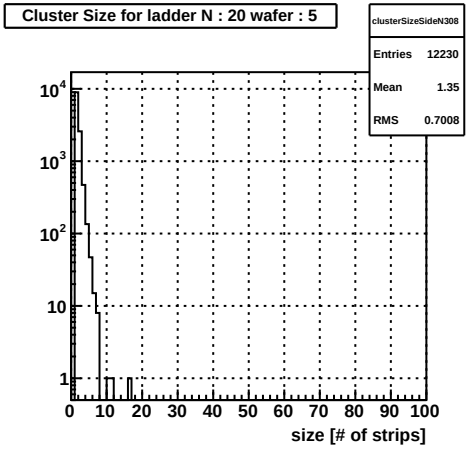

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 8936
Mean 1.346
RMS 0.6696
size [# of strips]

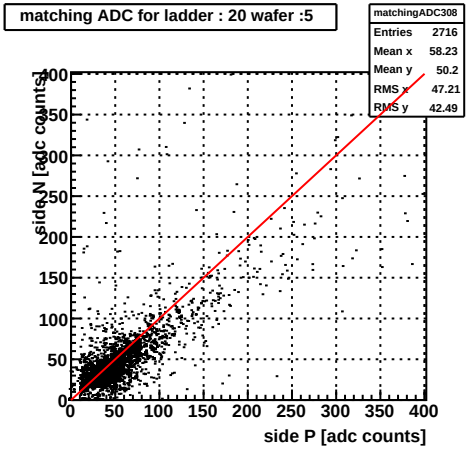

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 200
Mean x 55.2
Mean y 63.06
RMS x 48.66
RMS y 56.85
side N [adc counts]
side P [adc counts]

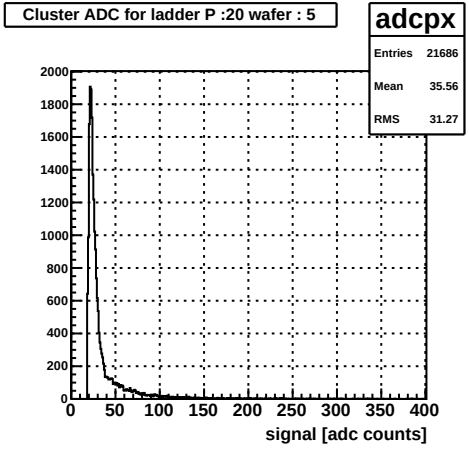

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 12728
Mean 39.69
RMS 34.9
signal [adc counts]

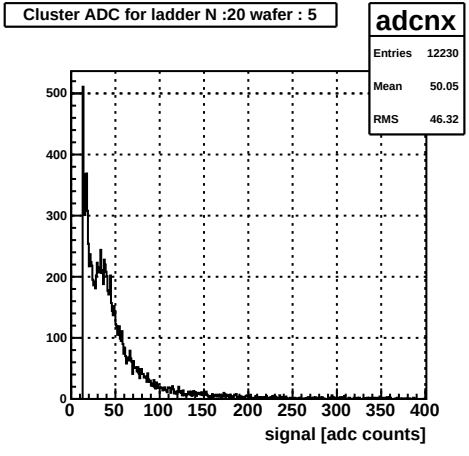

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 8936
Mean 48.58
RMS 49.15
signal [adc counts]

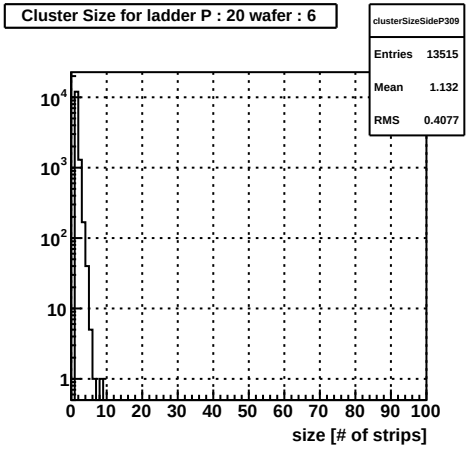

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 21686
Mean 1.102
RMS 0.3547
size [# of strips]

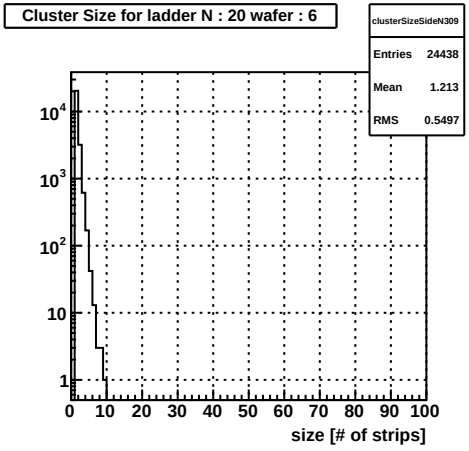

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 12230
Mean 1.35
RMS 0.7008
size [# of strips]

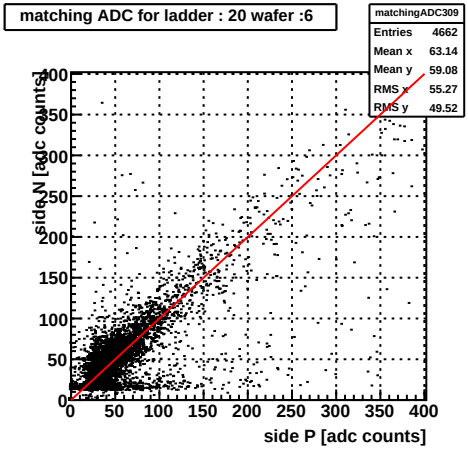

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 2716
Mean x 58.23
Mean y 50.2
RMS x 47.21
RMS y 42.49
side N [adc counts]
side P [adc counts]

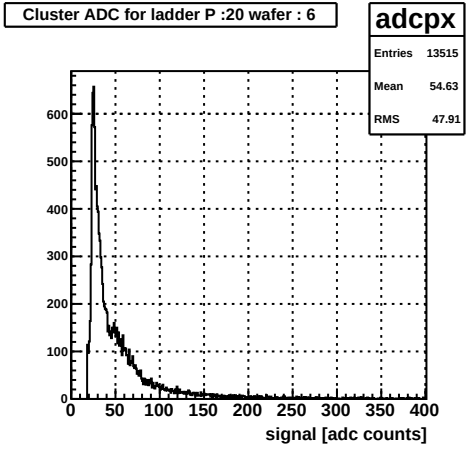

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 21686
Mean 35.56
RMS 31.27
signal [adc counts]

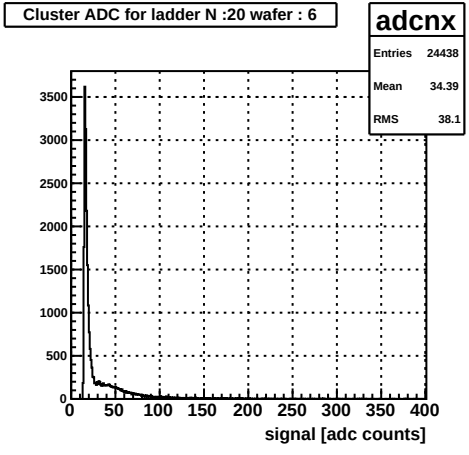

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 12230
Mean 50.05
RMS 46.32
signal [adc counts]

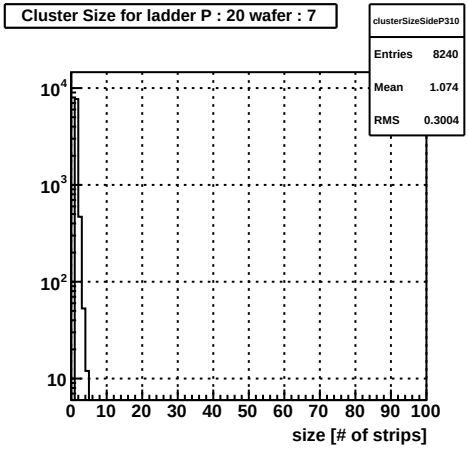

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 13515
Mean 1.132
RMS 0.4077
size [# of strips]

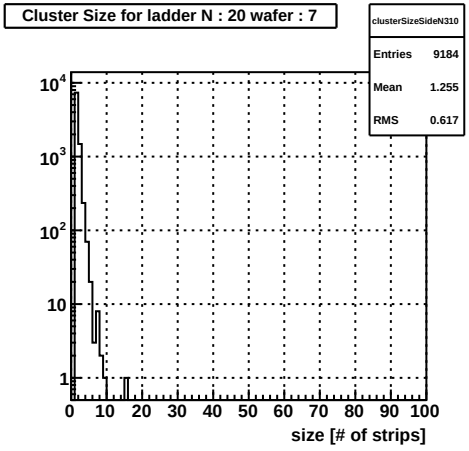

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 24438
Mean 1.213
RMS 0.5497
size [# of strips]

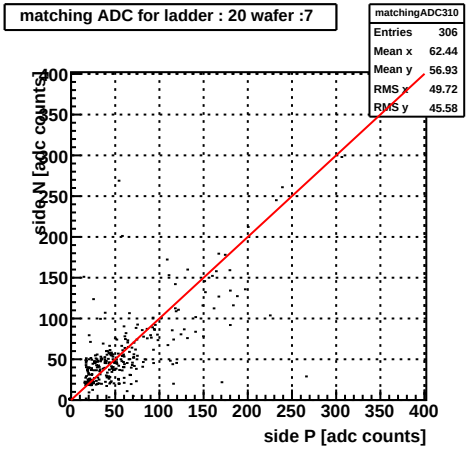

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 4662
Mean x 63.14
Mean y 59.08
RMS x 55.27
RMS y 49.52
side N [adc counts]
side P [adc counts]

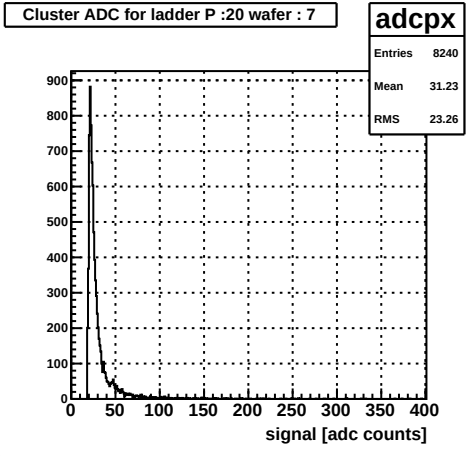

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 13515
Mean 54.63
RMS 47.91
signal [adc counts]

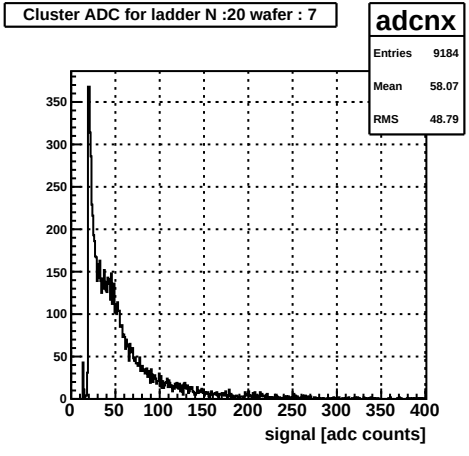

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 24438
Mean 34.39
RMS 38.1
signal [adc counts]

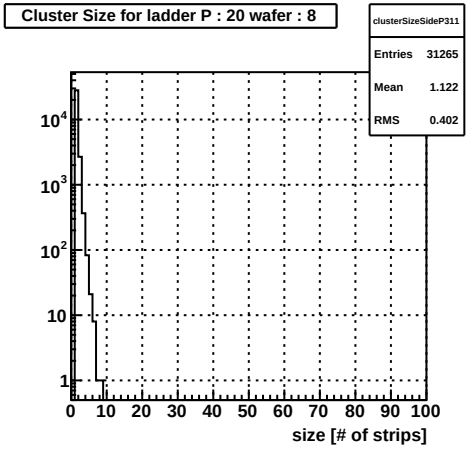

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 8240
Mean 1.074
RMS 0.3004
size [# of strips]

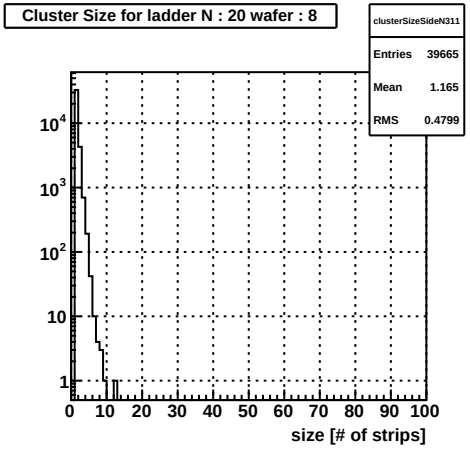

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 9184
Mean 1.255
RMS 0.617
size [# of strips]

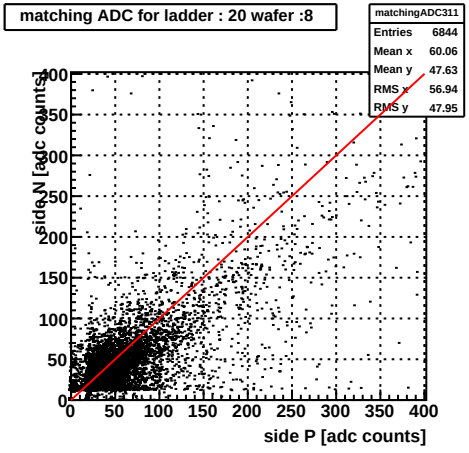

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 306
Mean x 62.44
Mean y 56.93
RMS x 49.72
RMS y 45.58
side N [adc counts]
side P [adc counts]

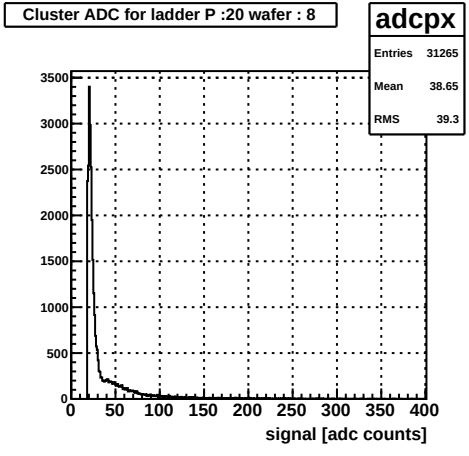

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 8240
Mean 31.23
RMS 23.26
signal [adc counts]

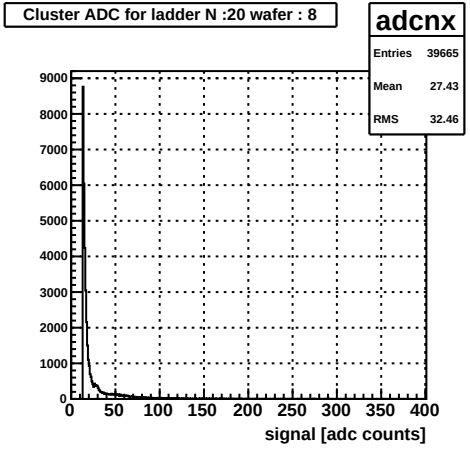

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 9184
Mean 58.07
RMS 48.79
signal [adc counts]

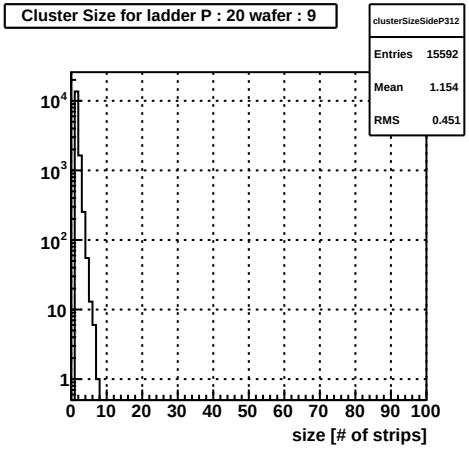

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 31265
Mean 1.122
RMS 0.402
size [# of strips]

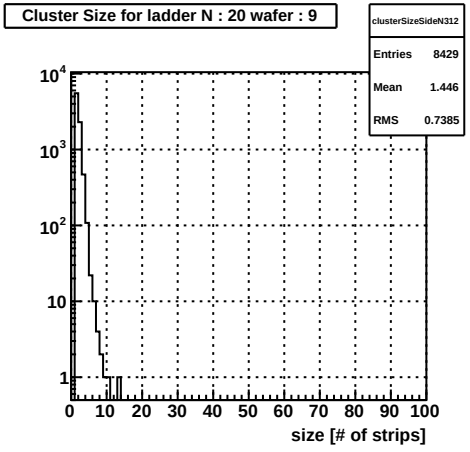

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 39665
Mean 1.165
RMS 0.4799
size [# of strips]

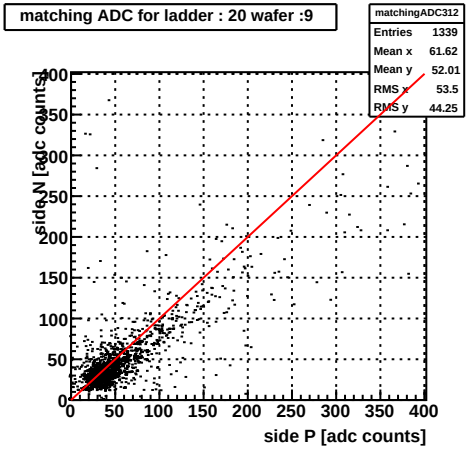

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 6844
Mean x 60.06
Mean y 47.63
RMS x 56.94
RMS y 47.95
side N [adc counts]
side P [adc counts]

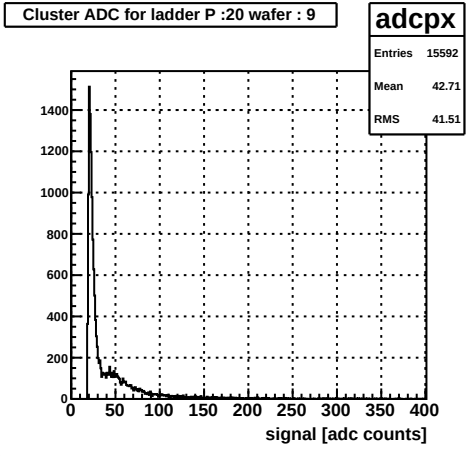

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 31265
Mean 38.65
RMS 39.3
signal [adc counts]

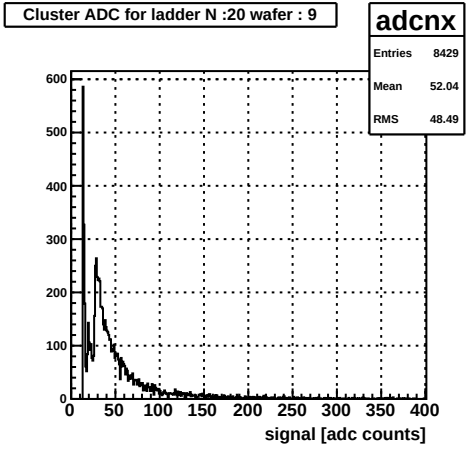

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 39665
Mean 27.43
RMS 32.46
signal [adc counts]

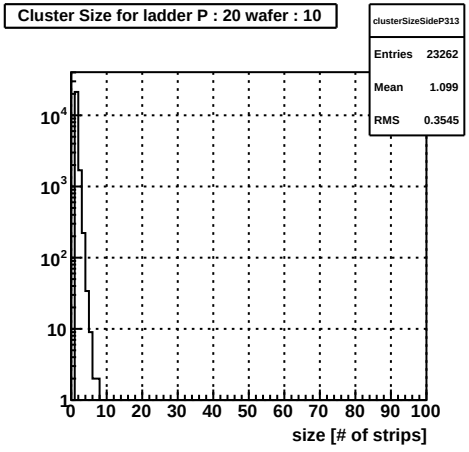

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 15592
Mean 1.154
RMS 0.451
size [# of strips]

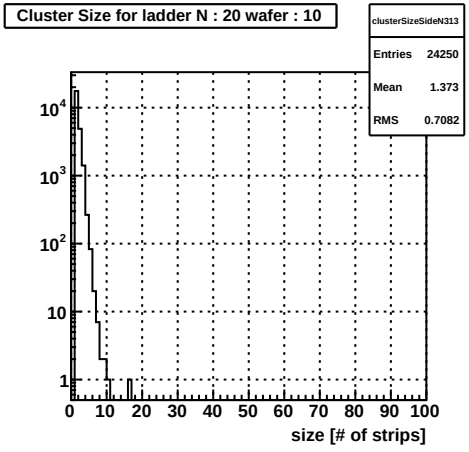

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 8429
Mean 1.446
RMS 0.7385
size [# of strips]

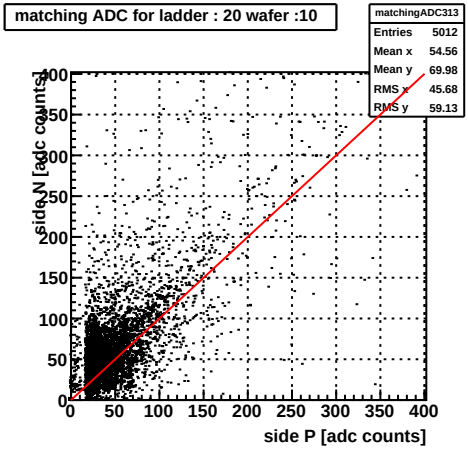

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1339
Mean x 61.62
Mean y 52.01
RMS x 53.5
RMS y 44.25
side N [adc counts]
side P [adc counts]

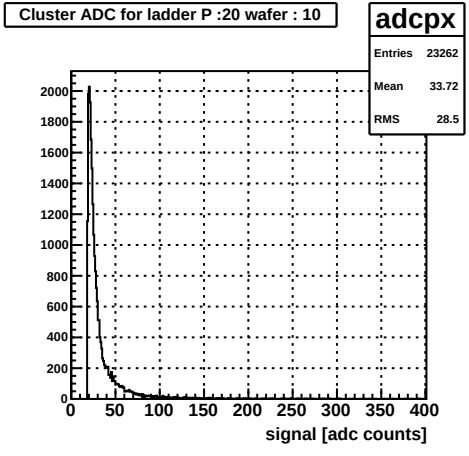

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 15592
Mean 42.71
RMS 41.51
signal [adc counts]

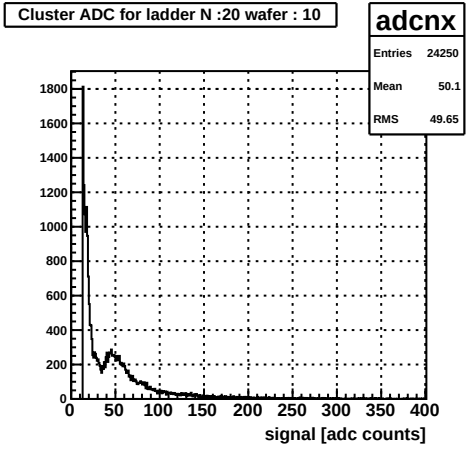

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 8429
Mean 52.04
RMS 48.49
signal [adc counts]

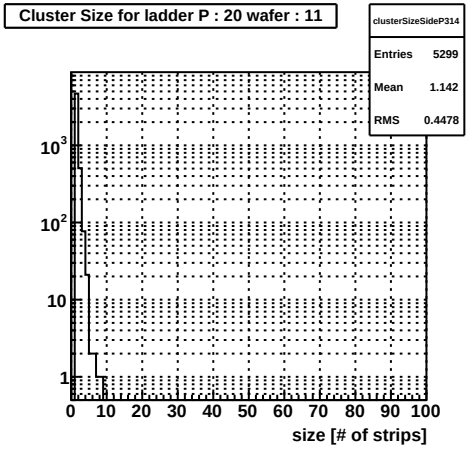

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 23262
Mean 1.099
RMS 0.3545
size [# of strips]

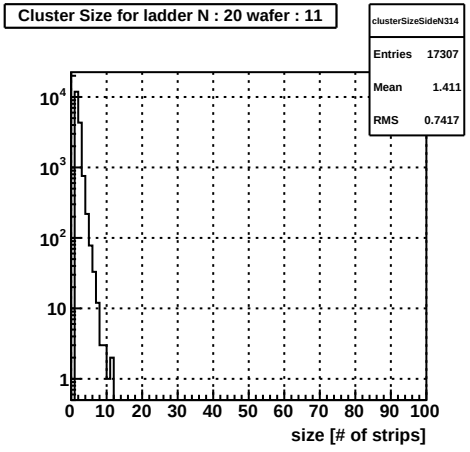

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 24250
Mean 1.373
RMS 0.7082
size [# of strips]

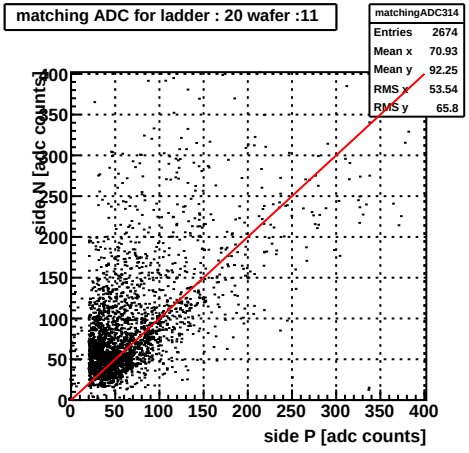

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 5012
Mean x 54.56
Mean y 69.98
RMS x 45.68
RMS y 59.13
side N [adc counts]
side P [adc counts]

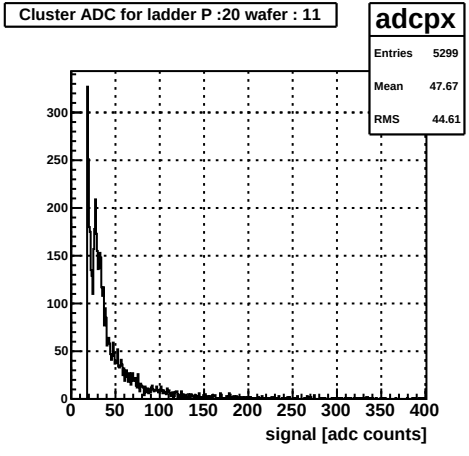

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 23262
Mean 33.72
RMS 28.5
signal [adc counts]

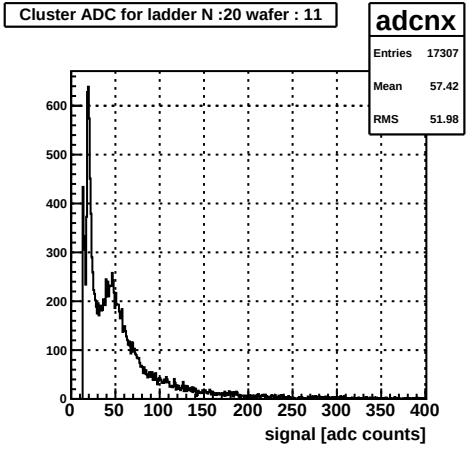

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 24250
Mean 50.1
RMS 49.65
signal [adc counts]

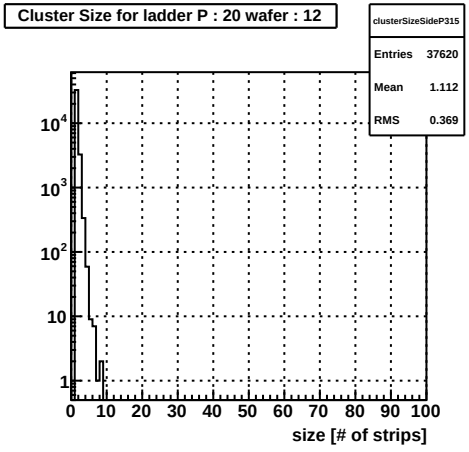

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5299
Mean 1.142
RMS 0.4478
size [# of strips]

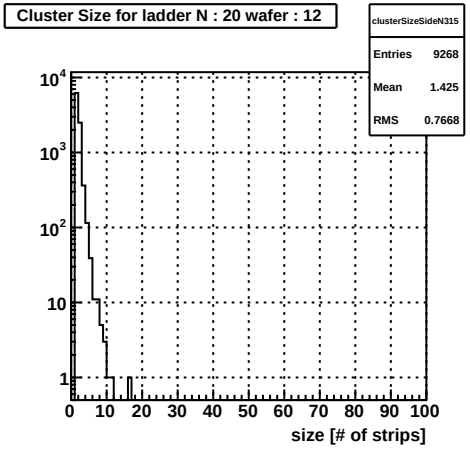

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 17307
Mean 1.411
RMS 0.7417
size [# of strips]

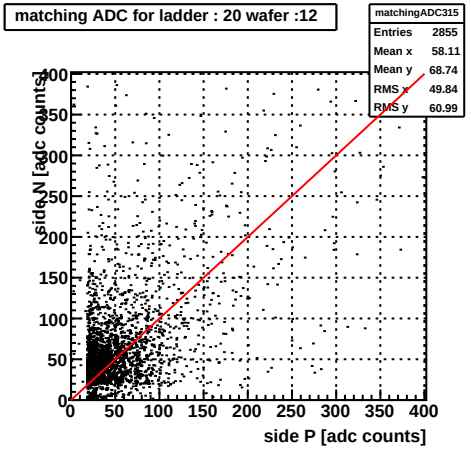

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2674
Mean x 70.93
Mean y 92.25
RMS x 53.54
RMS y 65.8
side N [adc counts]
side P [adc counts]

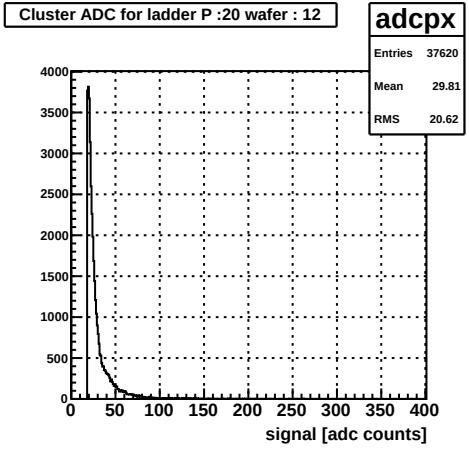

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5299
Mean 47.67
RMS 44.61
signal [adc counts]

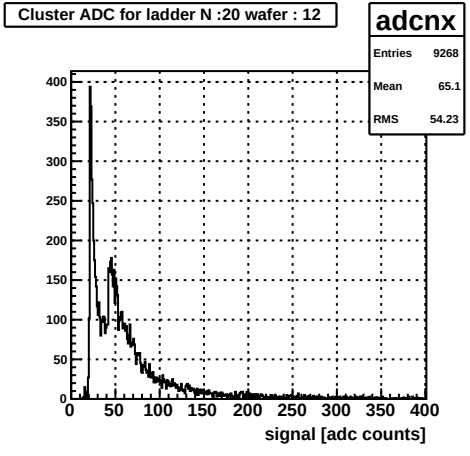

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 17307
Mean 57.42
RMS 51.98
signal [adc counts]

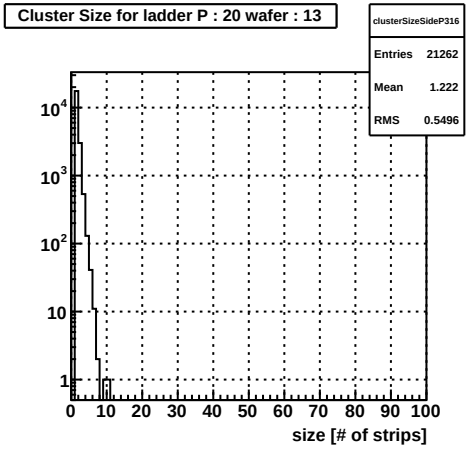

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 37620
Mean 1.112
RMS 0.369
size [# of strips]

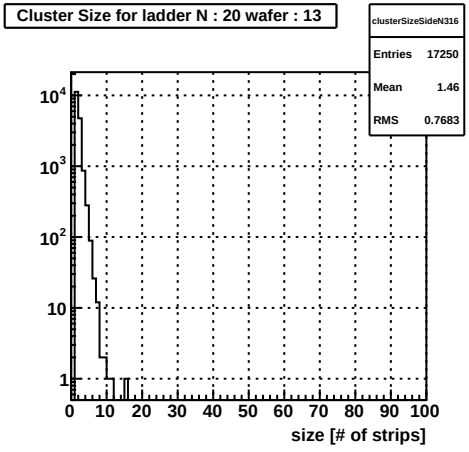

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 9268
Mean 1.425
RMS 0.7668
size [# of strips]

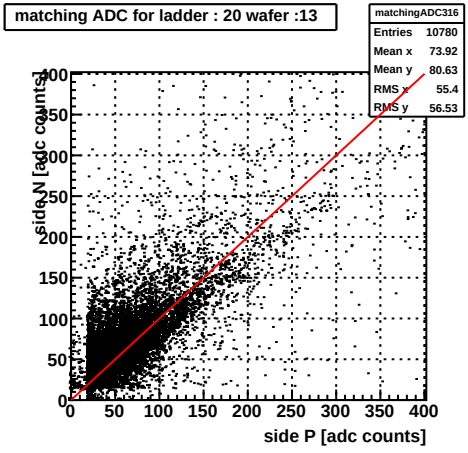

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 2855
Mean x 58.11
Mean y 68.74
RMS x 49.84
RMS y 60.99
side N [adc counts]
side P [adc counts]

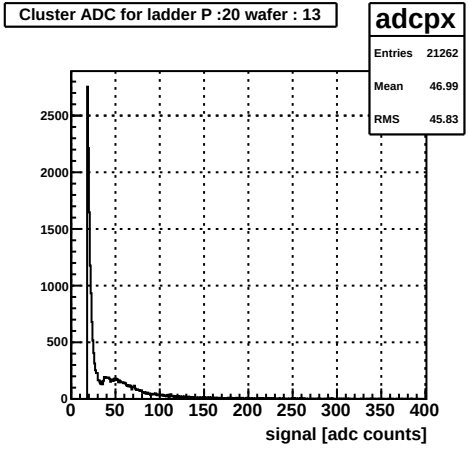

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 37620
Mean 29.81
RMS 20.62
signal [adc counts]

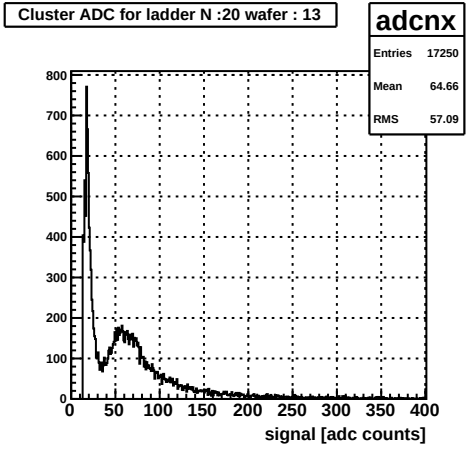

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 9268
Mean 65.1
RMS 54.23
signal [adc counts]

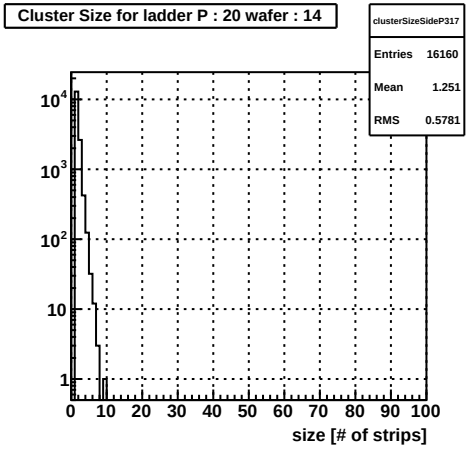

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 21262
Mean 1.222
RMS 0.5496
size [# of strips]

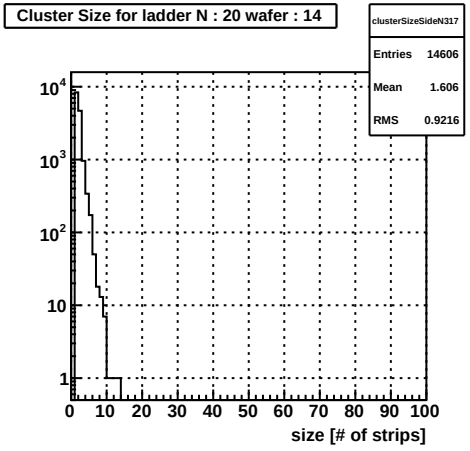

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 17250
Mean 1.46
RMS 0.7683
size [# of strips]

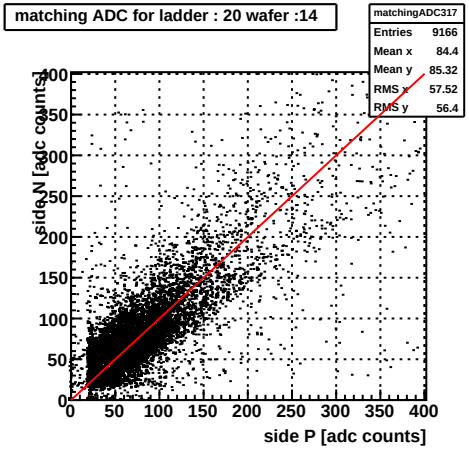

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 10780
Mean x 73.92
Mean y 80.63
RMS x 55.4
RMS y 56.53
side N [adc counts]
side P [adc counts]

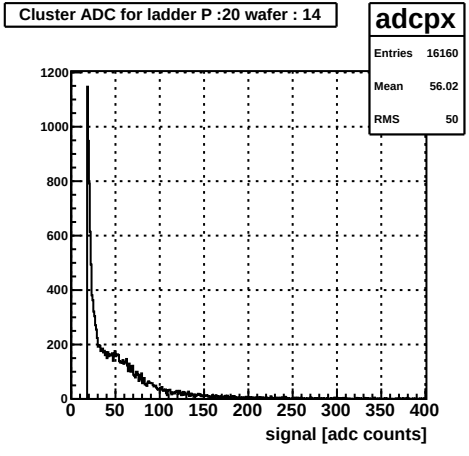

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 21262
Mean 46.99
RMS 45.83
signal [adc counts]

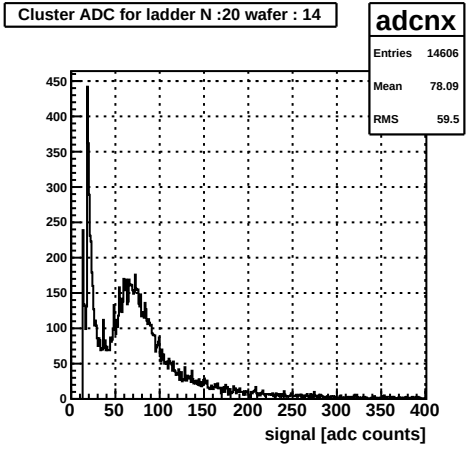

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 17250
Mean 64.66
RMS 57.09
signal [adc counts]

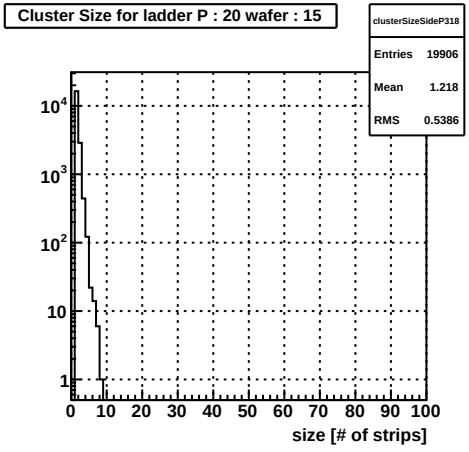

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 16160
Mean 1.251
RMS 0.5781
size [# of strips]

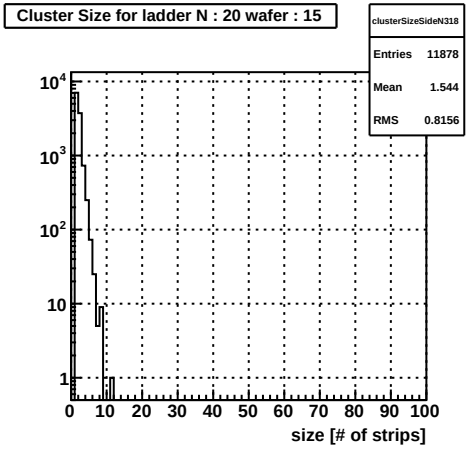

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 14606
Mean 1.606
RMS 0.9216
size [# of strips]

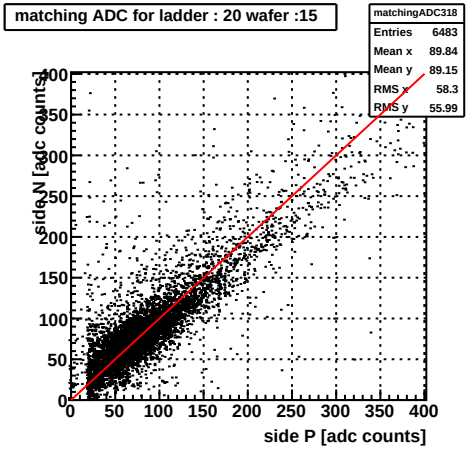

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 9166
Mean x 84.4
Mean y 85.32
RMS x 57.52
RMS y 56.4
side N [adc counts]
side P [adc counts]

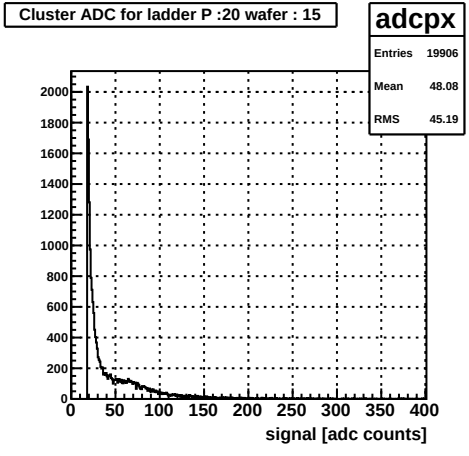

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 16160
Mean 56.02
RMS 50
signal [adc counts]

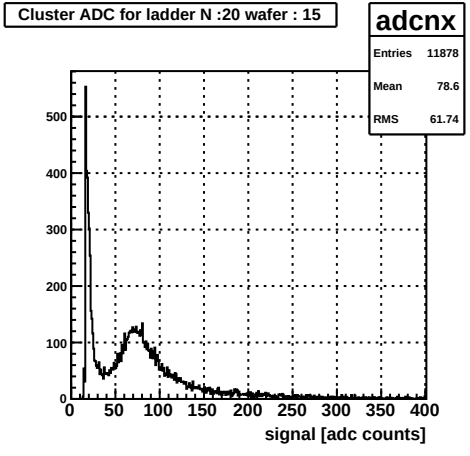

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 14606
Mean 78.09
RMS 59.5
signal [adc counts]

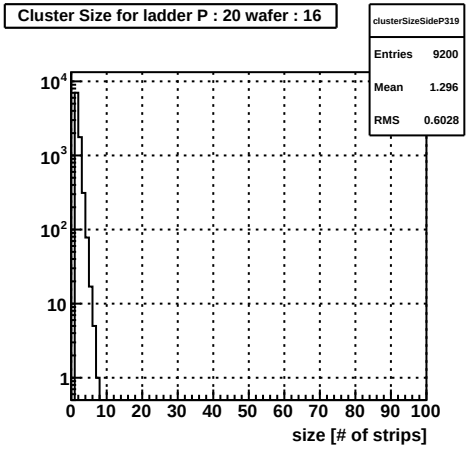

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 19906
Mean 1.218
RMS 0.5386
size [# of strips]

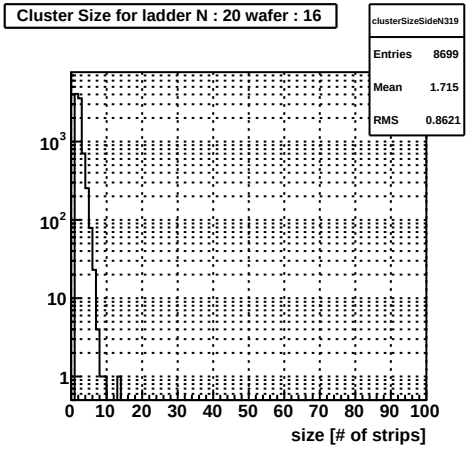

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 11878
Mean 1.544
RMS 0.8156
size [# of strips]

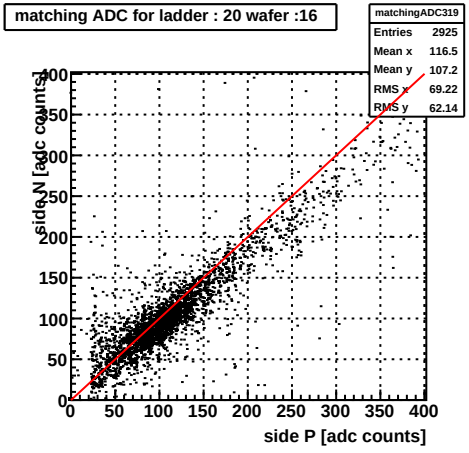

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 6483
Mean x 89.84
Mean y 89.15
RMS x 58.3
RMS y 55.99
side N [adc counts]
side P [adc counts]

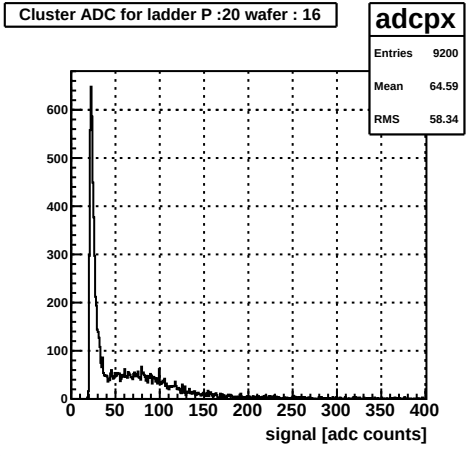

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 19906
Mean 48.08
RMS 45.19
signal [adc counts]

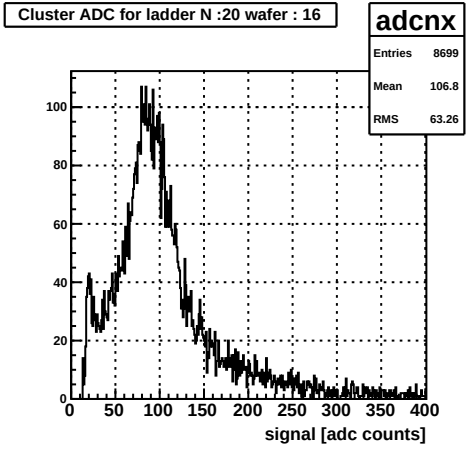

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 11878
Mean 78.6
RMS 61.74
signal [adc counts]

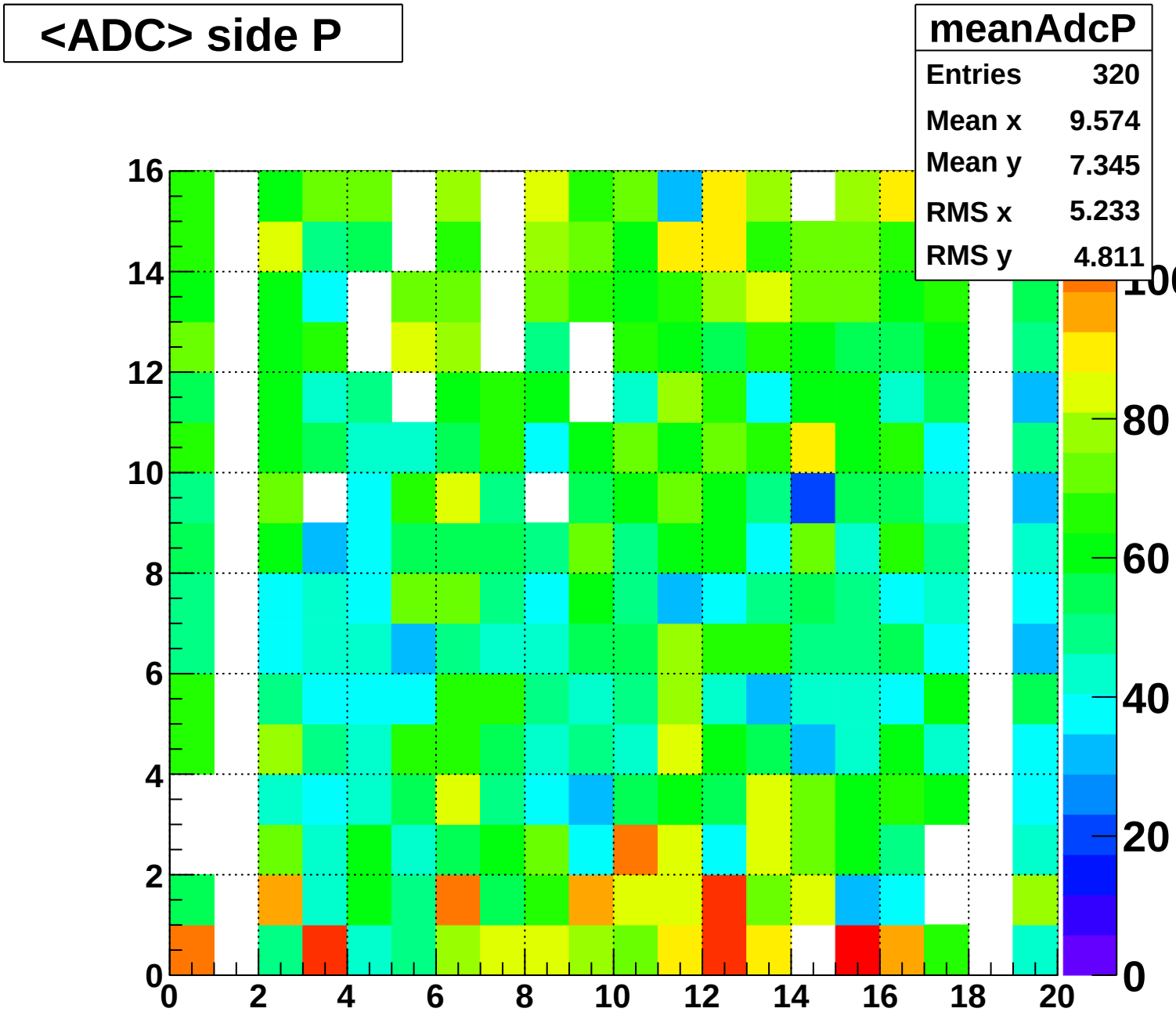

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 9200
Mean 1.296
RMS 0.6028
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 8699
Mean 1.715
RMS 0.8621
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2925
Mean x 116.5
Mean y 107.2
RMS x 69.22
RMS y 62.14
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 9200
Mean 64.59
RMS 58.34
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 8699
Mean 106.8
RMS 63.26
signal [adc counts]



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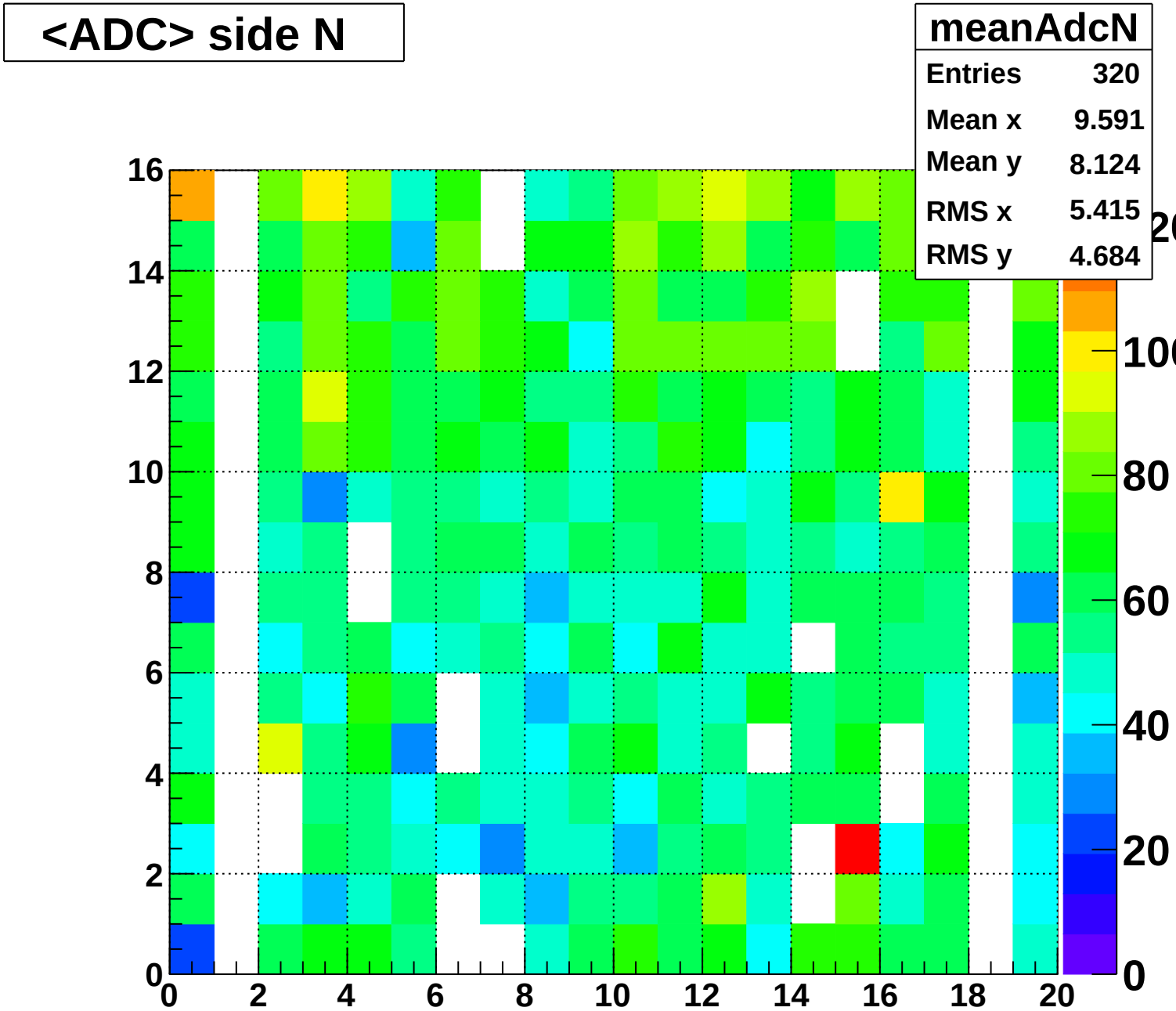

2016-06-20 15:27:21