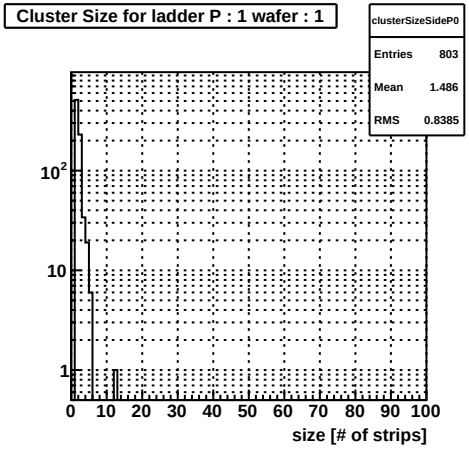
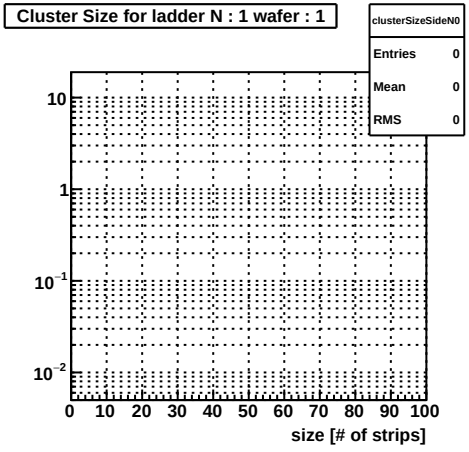
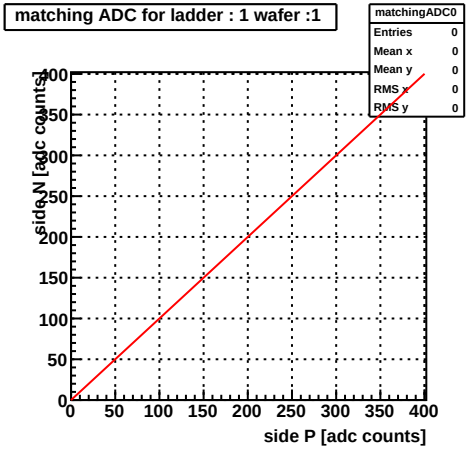
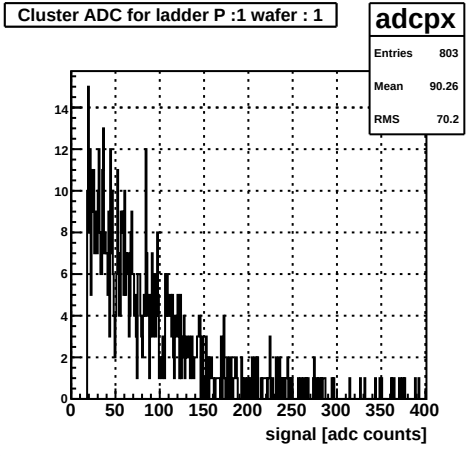
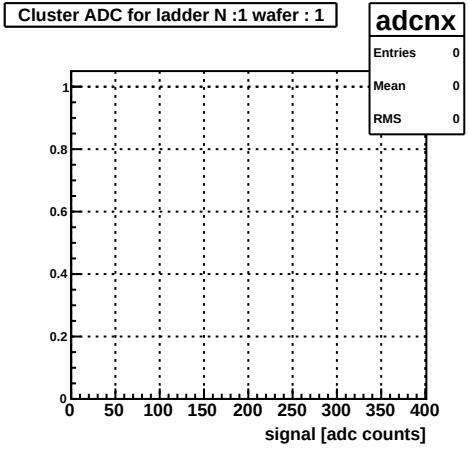
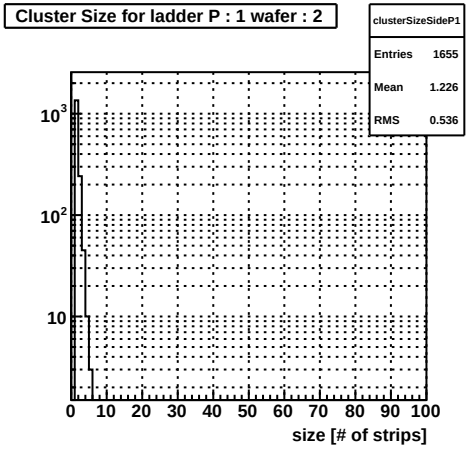

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 803
Mean 1.486
RMS 0.8385
size [# of strips]

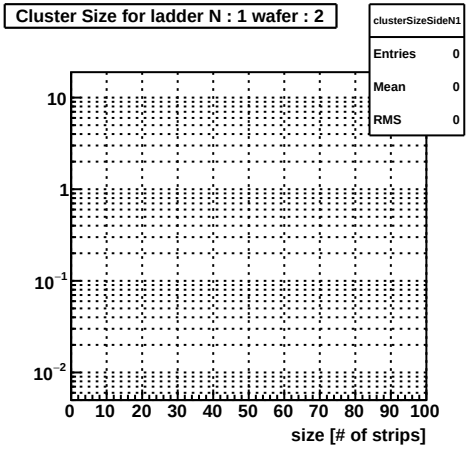

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

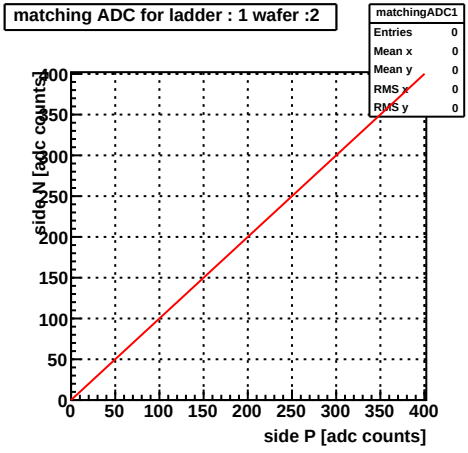

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

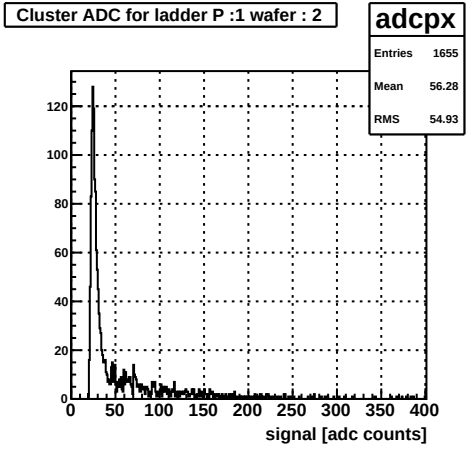

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 803
Mean 90.26
RMS 70.2
signal [adc counts]

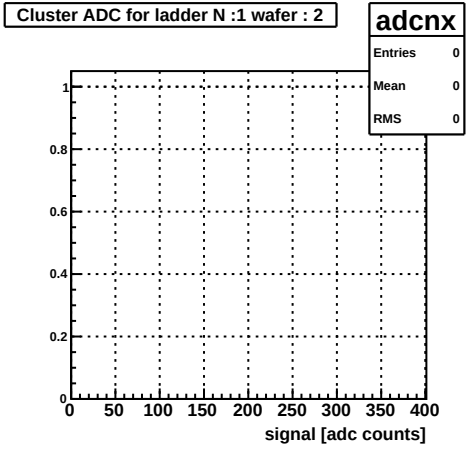

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

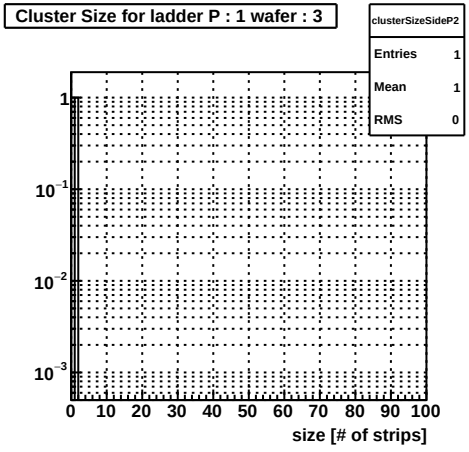

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 1655
Mean 1.226
RMS 0.536
size [# of strips]

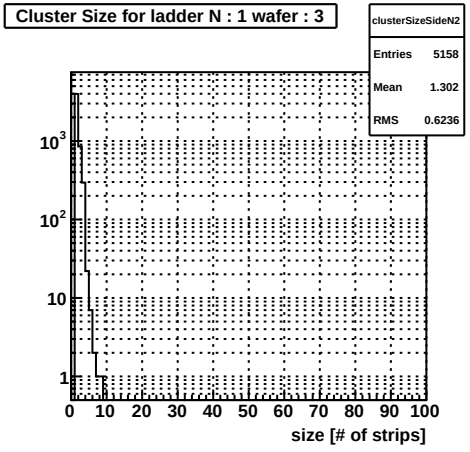

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

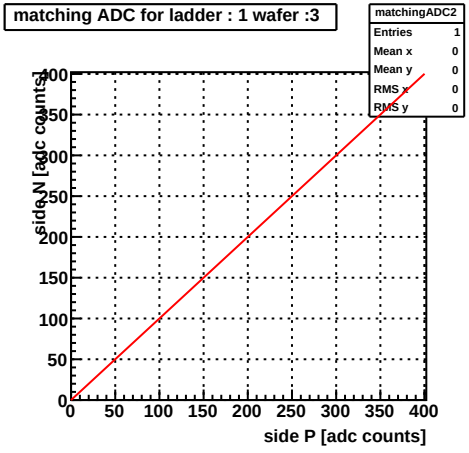

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

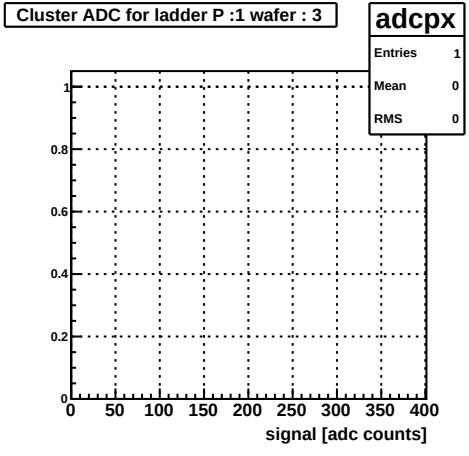

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 1655
Mean 56.28
RMS 54.93
signal [adc counts]

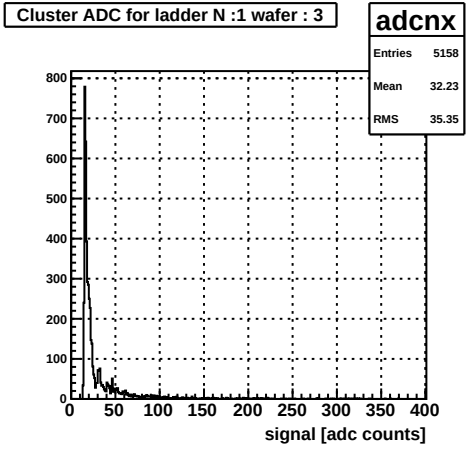

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

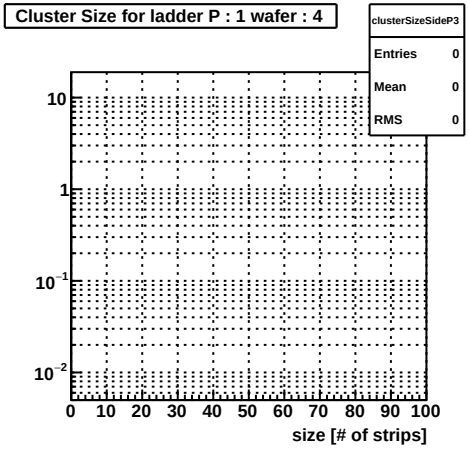

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

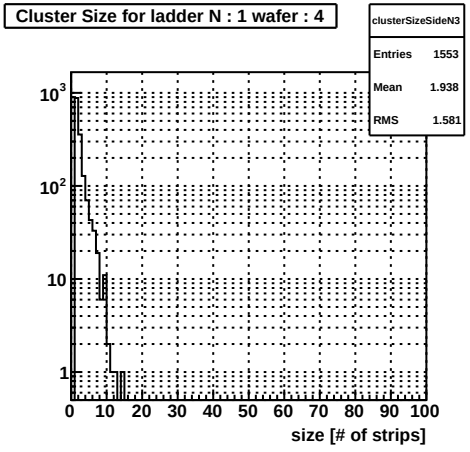

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 5158
Mean 1.302
RMS 0.6236
size [# of strips]

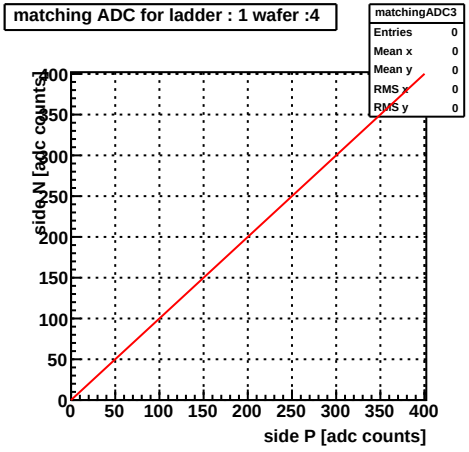

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

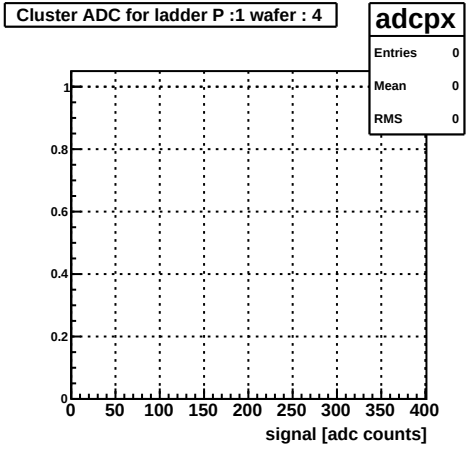

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

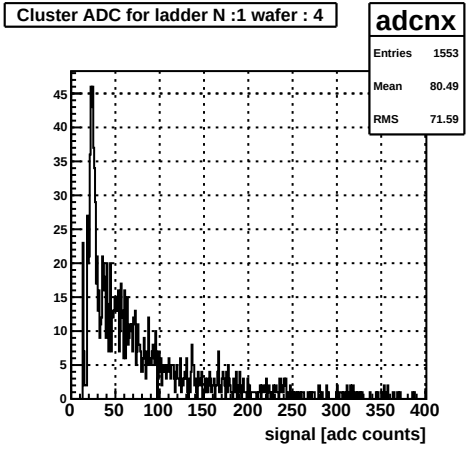

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 5158
Mean 32.23
RMS 35.35
signal [adc counts]

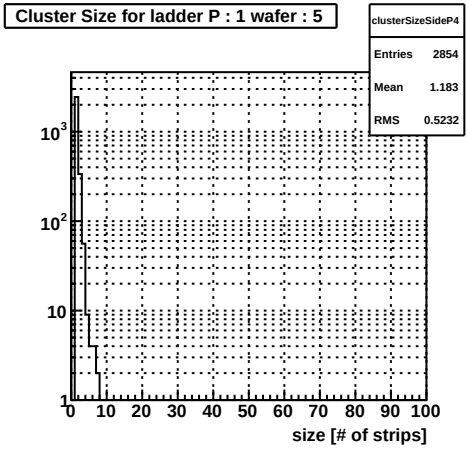

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

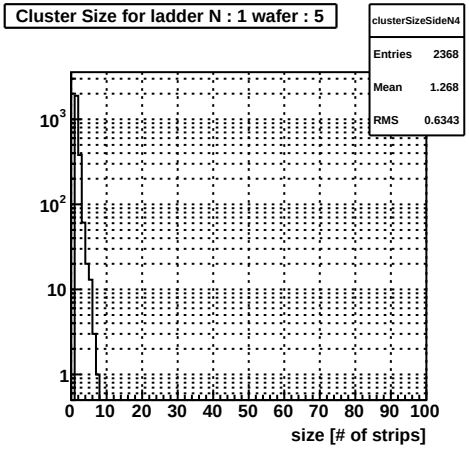

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1553
Mean 1.938
RMS 1.581
size [# of strips]

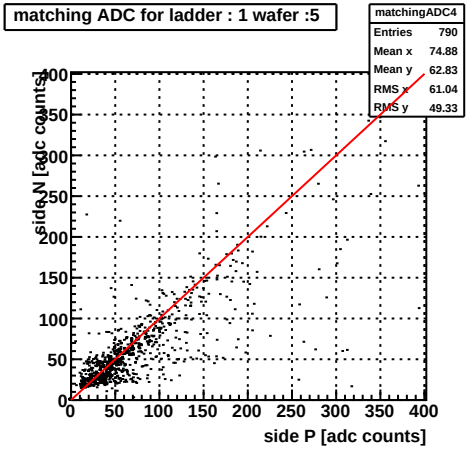

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

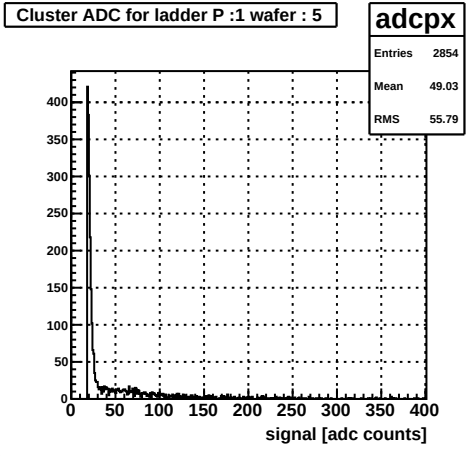

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

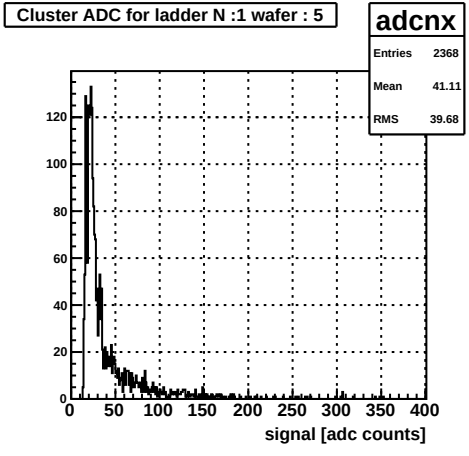

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1553
Mean 80.49
RMS 71.59
signal [adc counts]

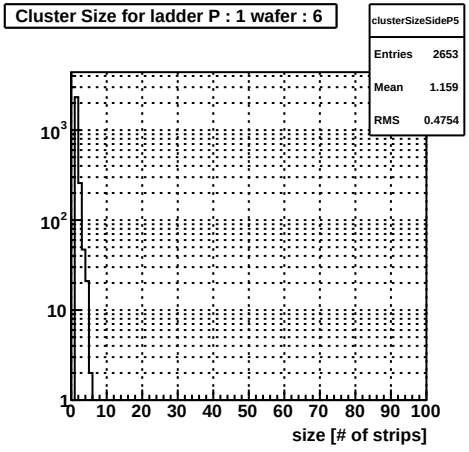

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 2854
Mean 1.183
RMS 0.5232
size [# of strips]

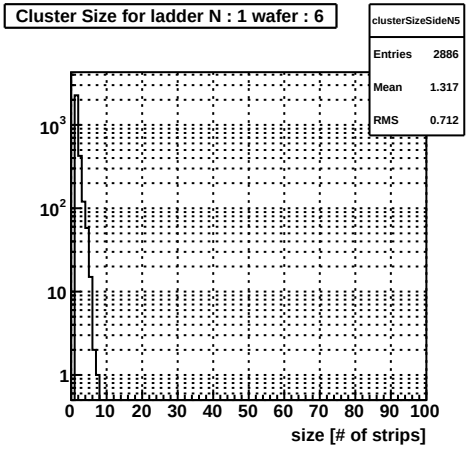

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2368
Mean 1.268
RMS 0.6343
size [# of strips]

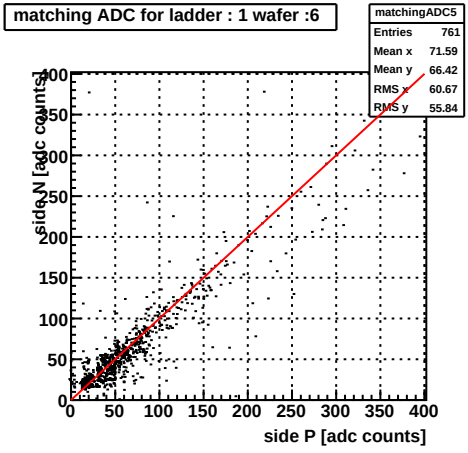

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 790
Mean x 74.88
Mean y 62.83
RMS x 61.04
RMS y 49.33
side N [adc counts]
side P [adc counts]

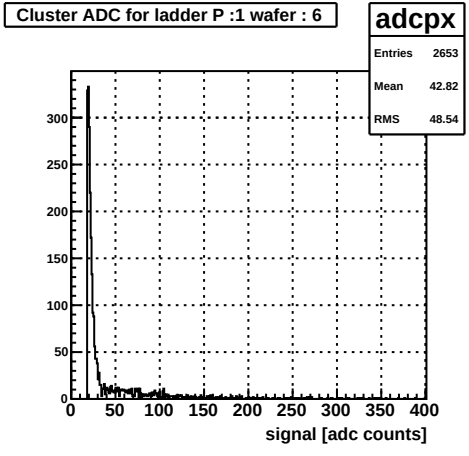

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 2854
Mean 49.03
RMS 55.79
signal [adc counts]

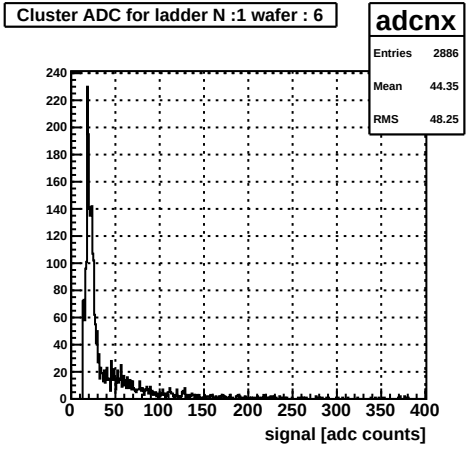

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2368
Mean 41.11
RMS 39.68
signal [adc counts]

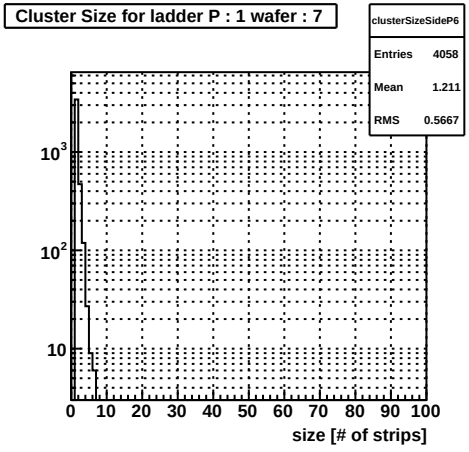

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2653
Mean 1.159
RMS 0.4754
size [# of strips]

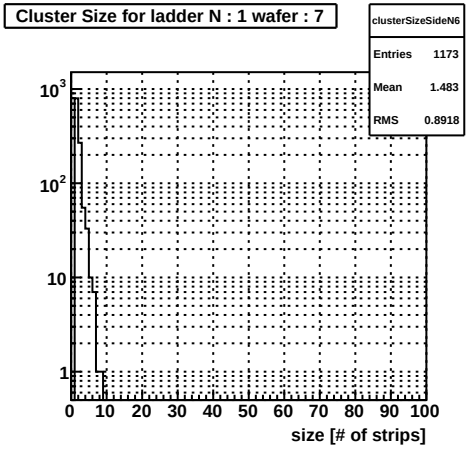

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2886
Mean 1.317
RMS 0.712
size [# of strips]

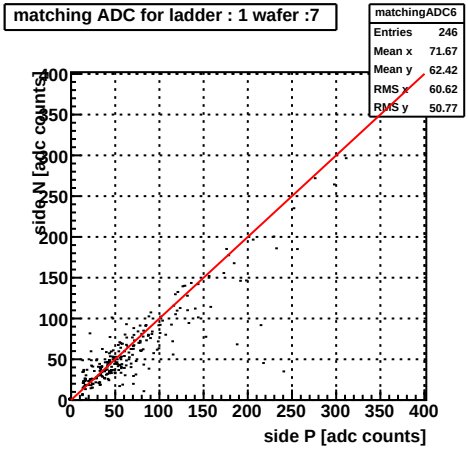

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 761
Mean x 71.59
Mean y 66.42
RMS x 60.67
RMS y 55.84
side N [adc counts]
side P [adc counts]

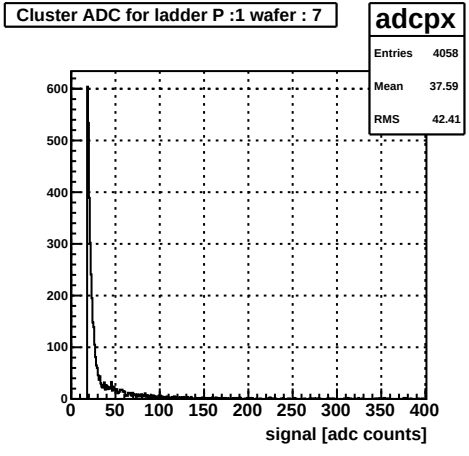

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2653
Mean 42.82
RMS 48.54
signal [adc counts]

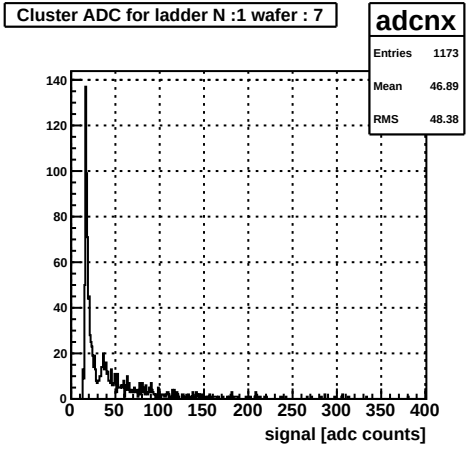

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2886
Mean 44.35
RMS 48.25
signal [adc counts]

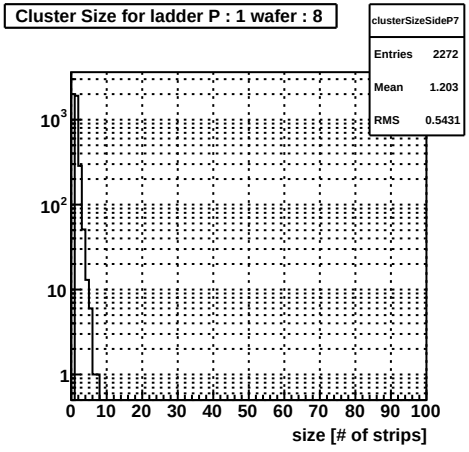

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 4058
Mean 1.211
RMS 0.5667
size [# of strips]

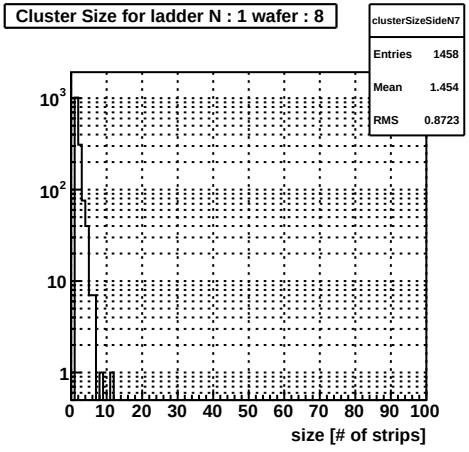

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1173
Mean 1.483
RMS 0.8918
size [# of strips]

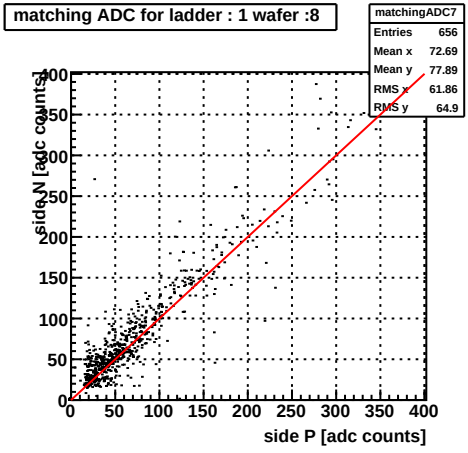

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 246
Mean x 71.67
Mean y 62.42
RMS x 60.62
RMS y 50.77
side N [adc counts]
side P [adc counts]

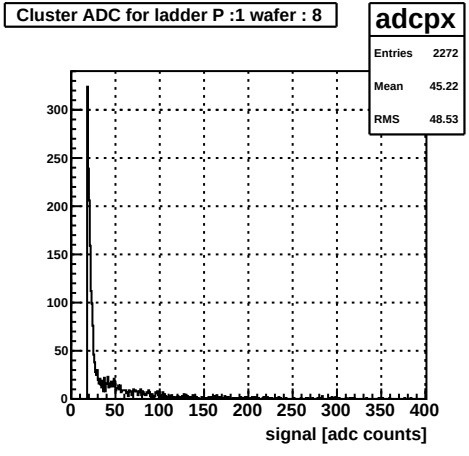

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 4058
Mean 37.59
RMS 42.41
signal [adc counts]

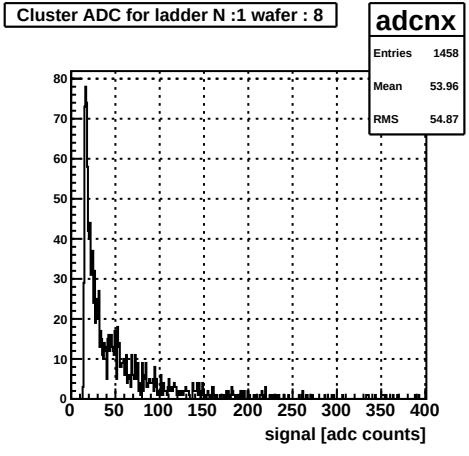

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1173
Mean 46.89
RMS 48.38
signal [adc counts]

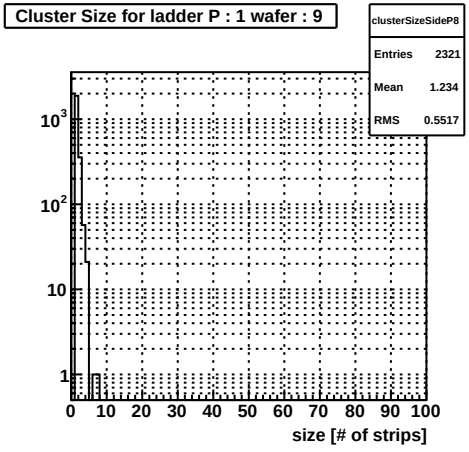

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 2272
Mean 1.203
RMS 0.5431
size [# of strips]

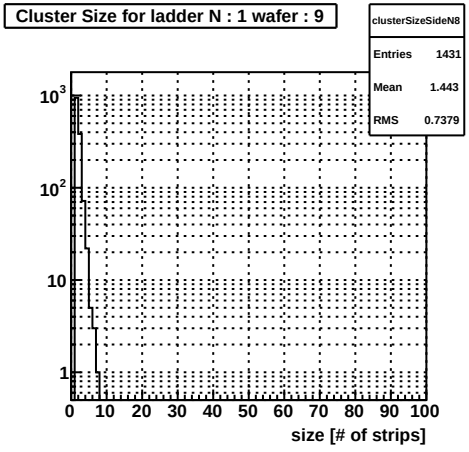

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1458
Mean 1.454
RMS 0.8723
size [# of strips]

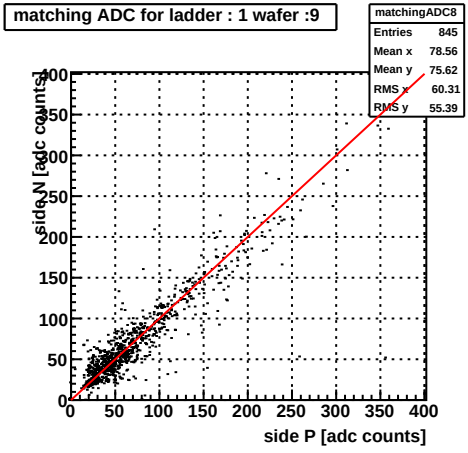

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 656
Mean x 72.69
Mean y 77.89
RMS x 61.86
RMS y 64.9
side N [adc counts]
side P [adc counts]

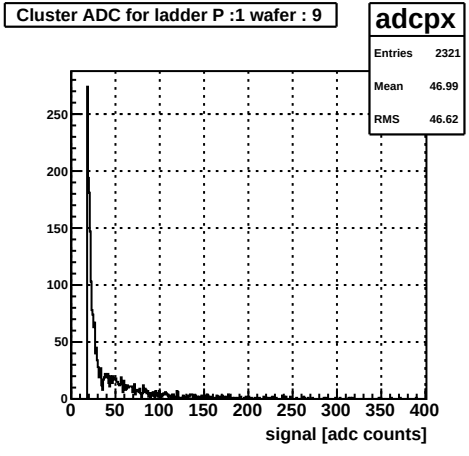

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 2272
Mean 45.22
RMS 48.53
signal [adc counts]

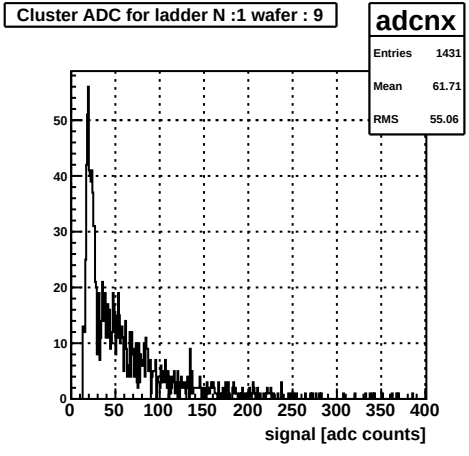

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1458
Mean 53.96
RMS 54.87
signal [adc counts]

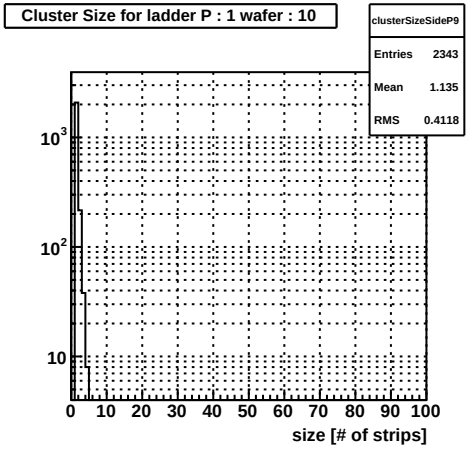

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 2321
Mean 1.234
RMS 0.5517
size [# of strips]

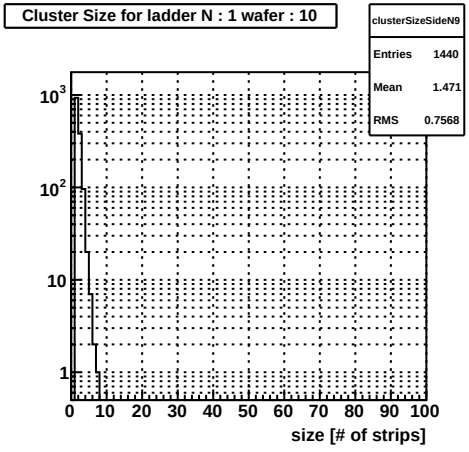

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1431
Mean 1.443
RMS 0.7379
size [# of strips]

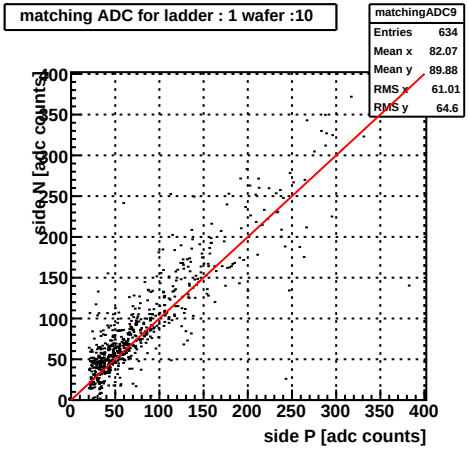

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 845
Mean x 78.56
Mean y 75.62
RMS x 60.31
RMS y 55.39
side N [adc counts]
side P [adc counts]

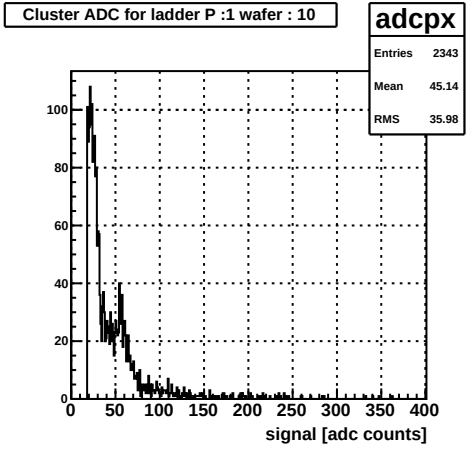

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 2321
Mean 46.99
RMS 46.62
signal [adc counts]

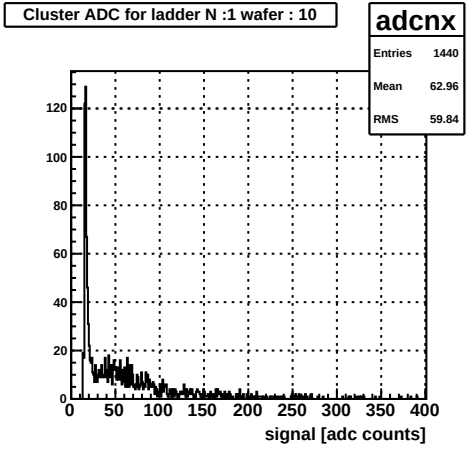

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1431
Mean 61.71
RMS 55.06
signal [adc counts]

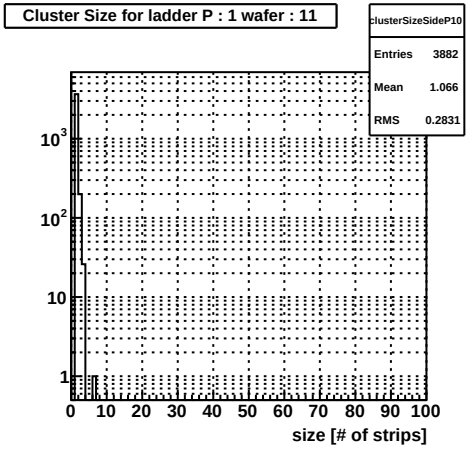

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2343
Mean 1.135
RMS 0.4118
size [# of strips]

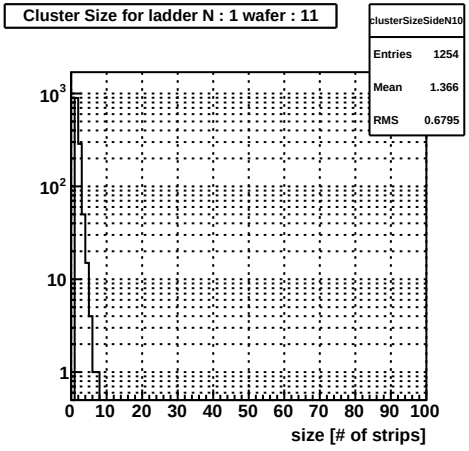

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1440
Mean 1.471
RMS 0.7568
size [# of strips]

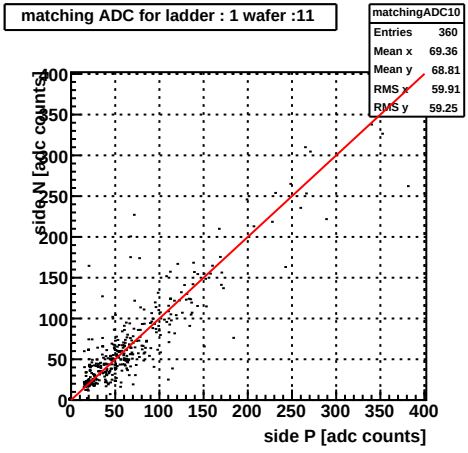

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 634
Mean x 82.07
Mean y 89.88
RMS x 61.01
RMS y 64.6
side N [adc counts]
side P [adc counts]

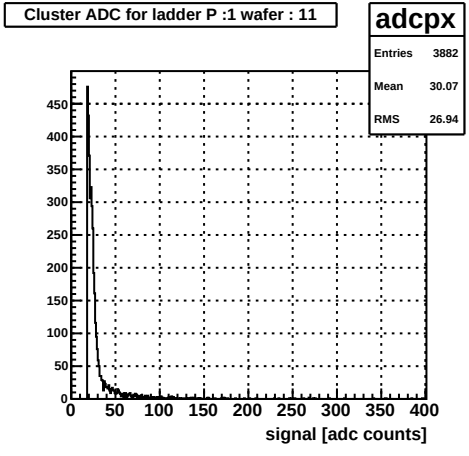

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2343
Mean 45.14
RMS 35.98
signal [adc counts]

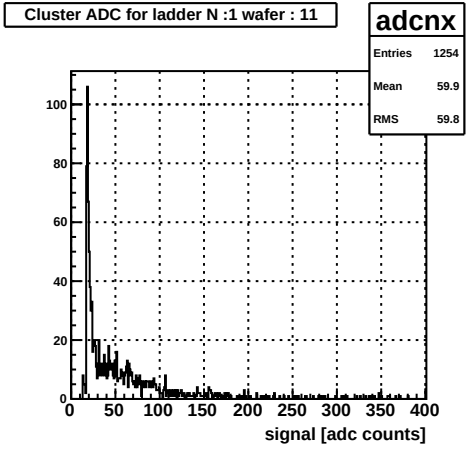

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1440
Mean 62.96
RMS 59.84
signal [adc counts]

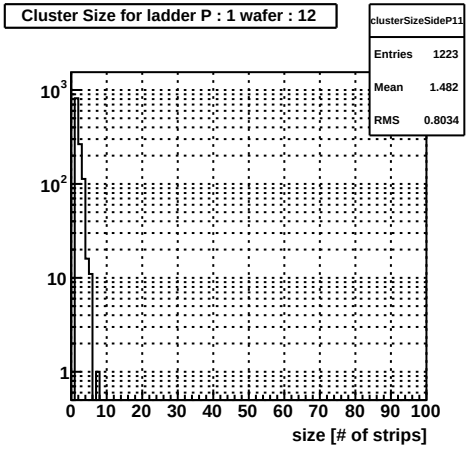

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 3882
Mean 1.066
RMS 0.2831
size [# of strips]

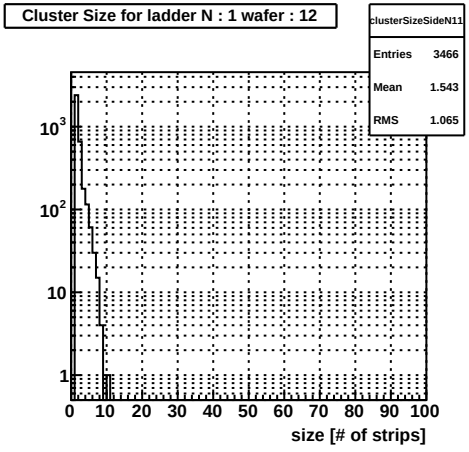

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1254
Mean 1.366
RMS 0.6795
size [# of strips]

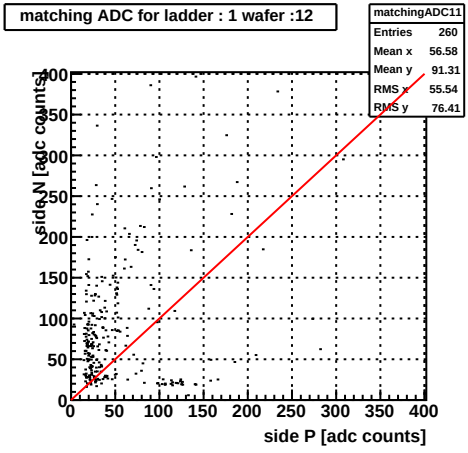

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 360
Mean x 69.36
Mean y 68.81
RMS x 59.91
RMS y 59.25
side N [adc counts]
side P [adc counts]

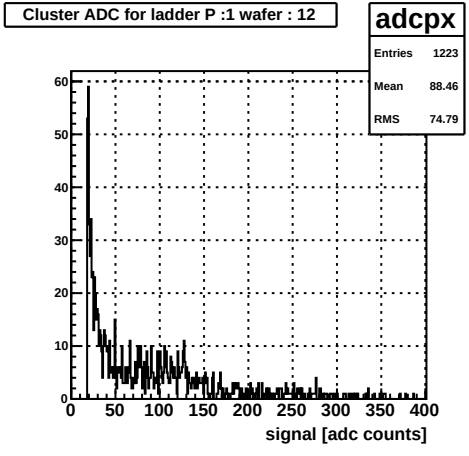

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 3882
Mean 30.07
RMS 26.94
signal [adc counts]

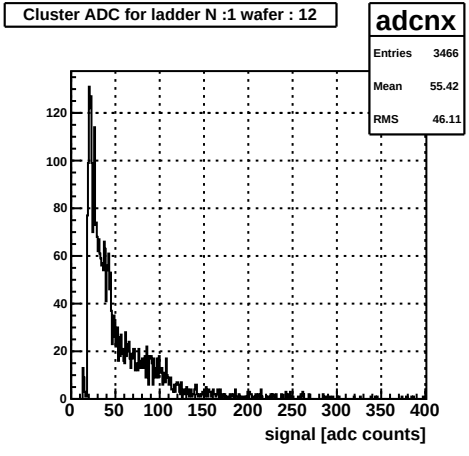

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1254
Mean 59.9
RMS 59.8
signal [adc counts]

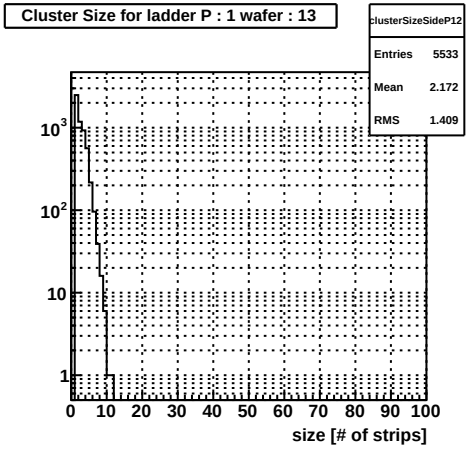

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1223
Mean 1.482
RMS 0.8034
size [# of strips]

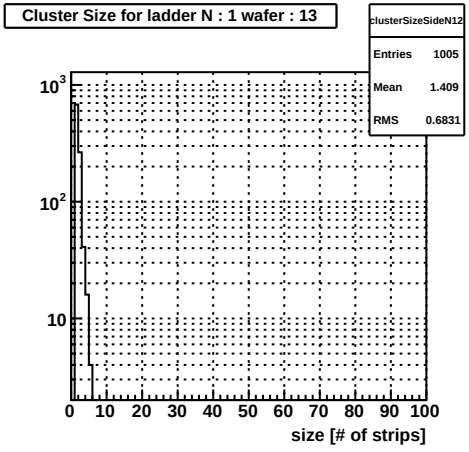

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 3466
Mean 1.543
RMS 1.065
size [# of strips]

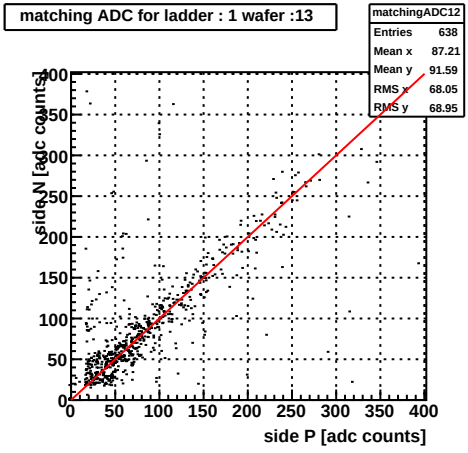

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 260
Mean x 56.58
Mean y 91.31
RMS x 55.54
RMS y 76.41
side N [adc counts]
side P [adc counts]

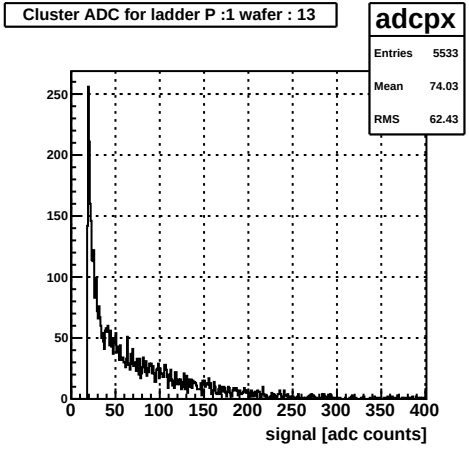

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1223
Mean 88.46
RMS 74.79
signal [adc counts]

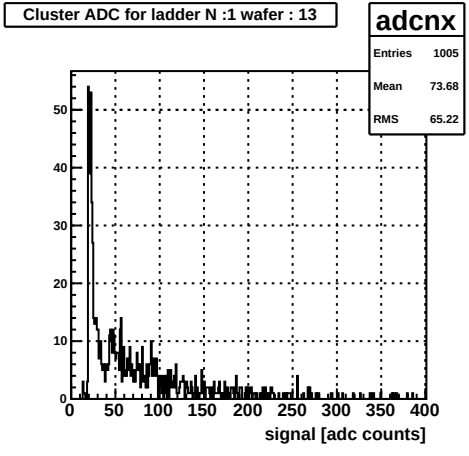

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 3466
Mean 55.42
RMS 46.11
signal [adc counts]

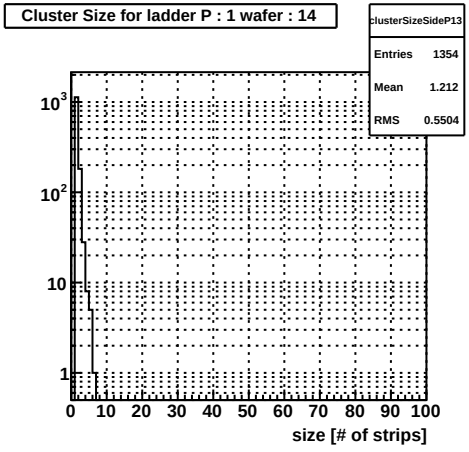

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 5533
Mean 2.172
RMS 1.409
size [# of strips]

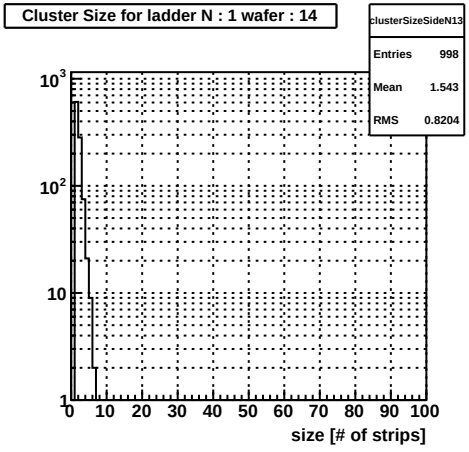

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1005
Mean 1.409
RMS 0.6831
size [# of strips]

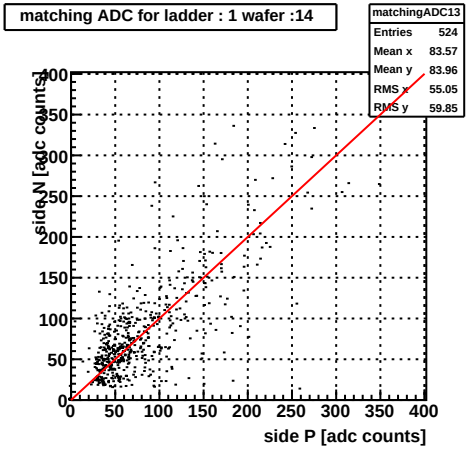

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 638
Mean x 87.21
Mean y 91.59
RMS x 68.05
RMS y 68.95
side N [adc counts]
side P [adc counts]

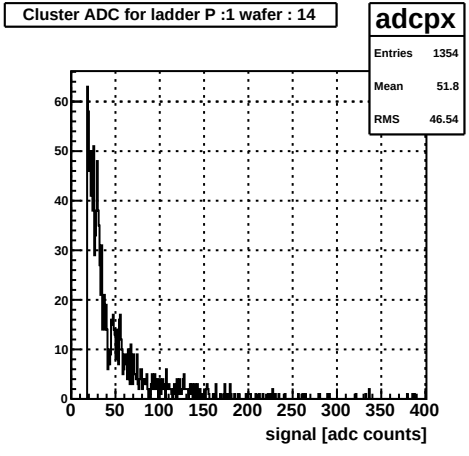

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 5533
Mean 74.03
RMS 62.43
signal [adc counts]

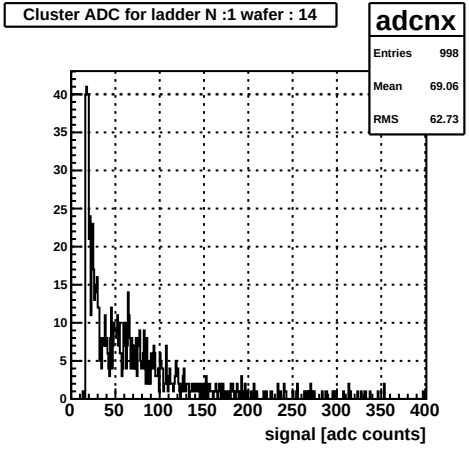

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1005
Mean 73.68
RMS 65.22
signal [adc counts]

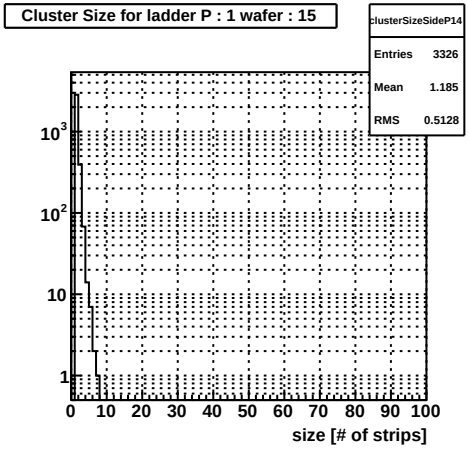

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1354
Mean 1.212
RMS 0.5504
size [# of strips]

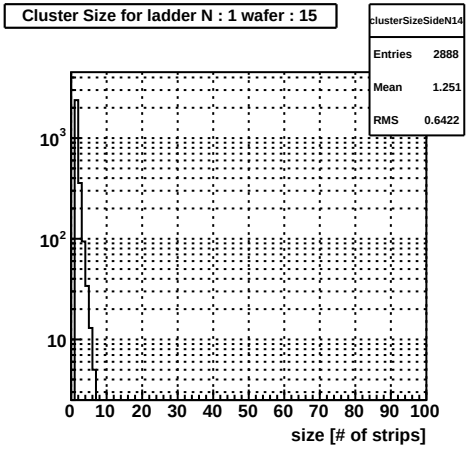

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 998
Mean 1.543
RMS 0.8204
size [# of strips]

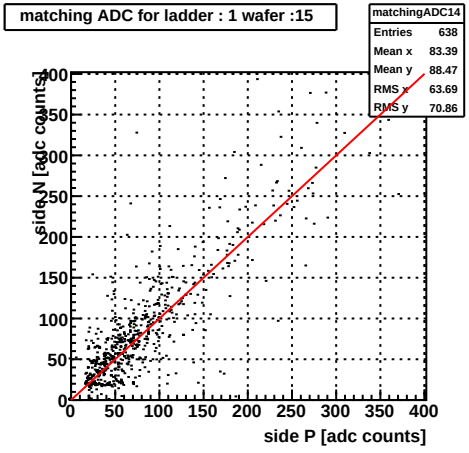

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 524
Mean x 83.57
Mean y 83.96
RMS x 55.05
RMS y 59.85
side N [adc counts]
side P [adc counts]

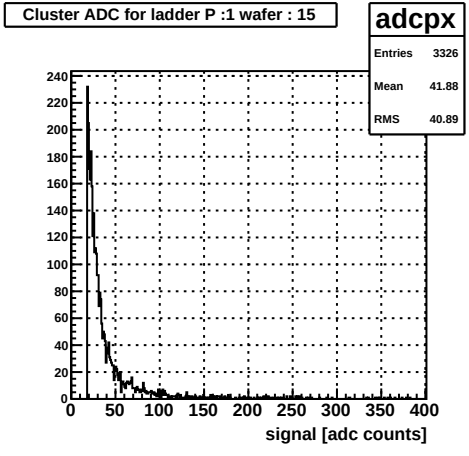

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1354
Mean 51.8
RMS 46.54
signal [adc counts]

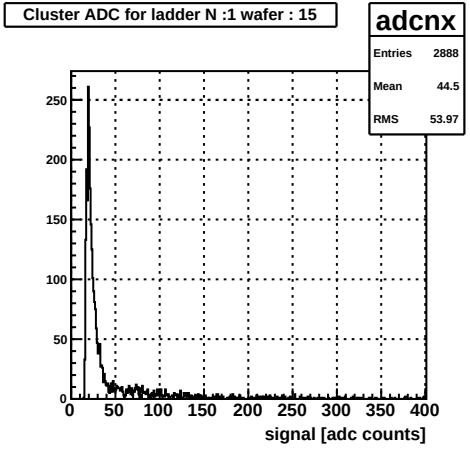

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 998
Mean 69.06
RMS 62.73
signal [adc counts]

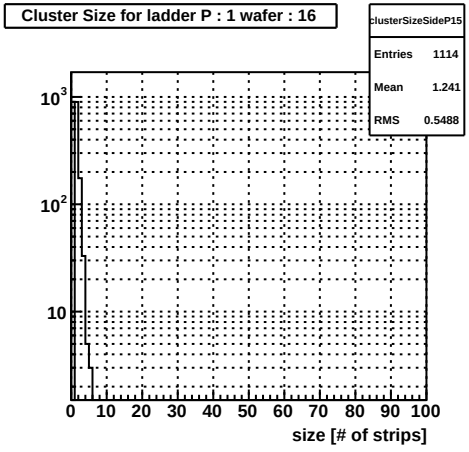

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3326
Mean 1.185
RMS 0.5128
size [# of strips]

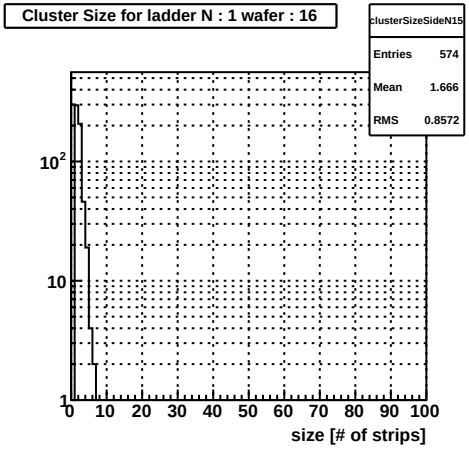

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2888
Mean 1.251
RMS 0.6422
size [# of strips]

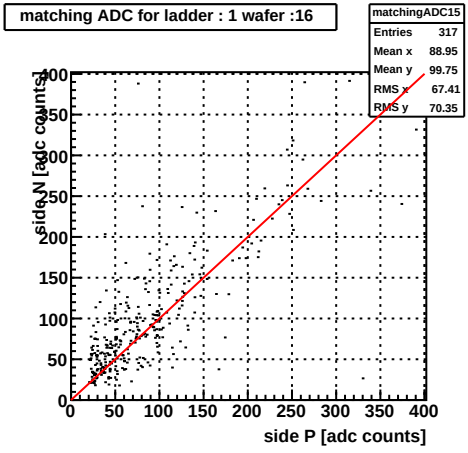

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 638
Mean x 83.39
Mean y 88.47
RMS x 63.69
RMS y 70.86
side N [adc counts]
side P [adc counts]

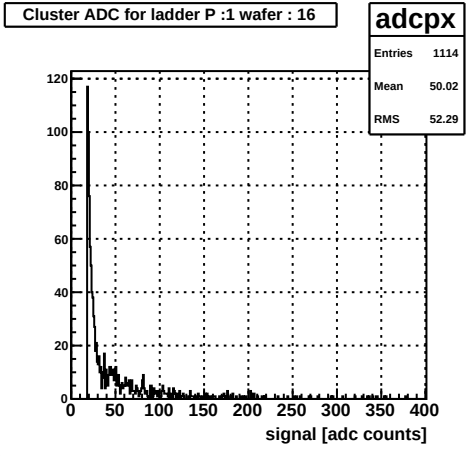

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3326
Mean 41.88
RMS 40.89
signal [adc counts]

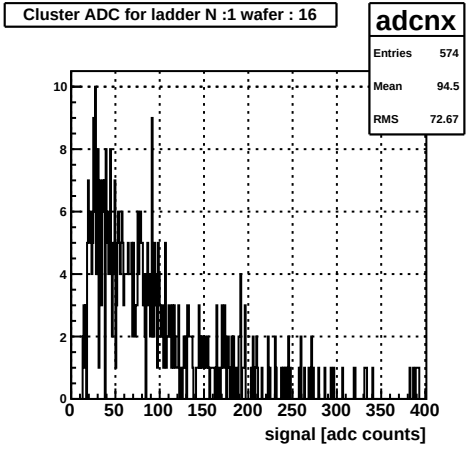

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2888
Mean 44.5
RMS 53.97
signal [adc counts]

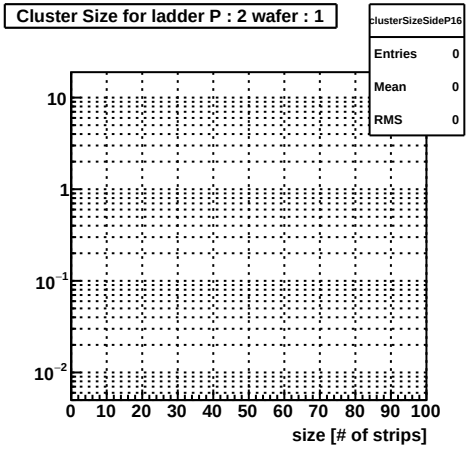

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1114
Mean 1.241
RMS 0.5488
size [# of strips]

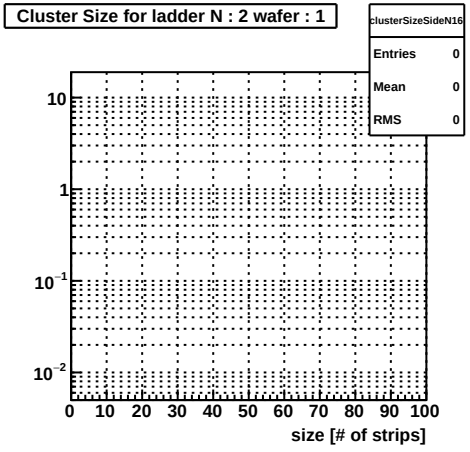

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 574
Mean 1.666
RMS 0.8572
size [# of strips]

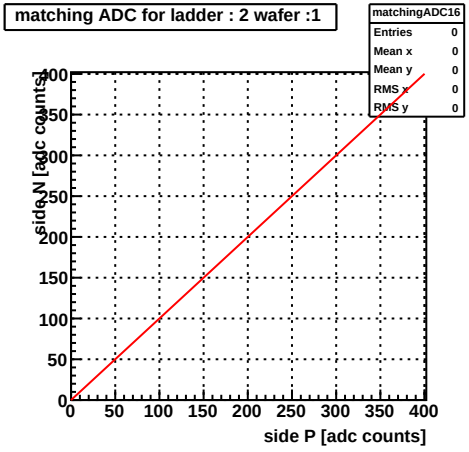

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 317
Mean x 88.95
Mean y 99.75
RMS x 67.41
RMS y 70.35
side N [adc counts]
side P [adc counts]

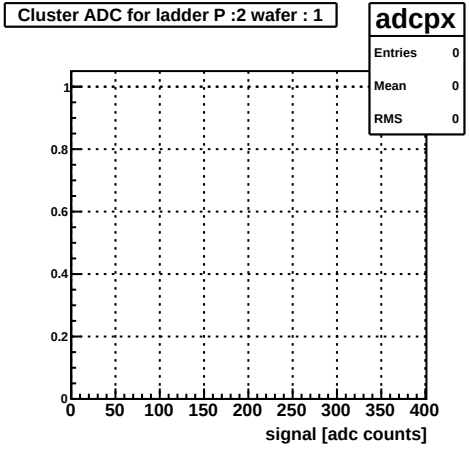

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1114
Mean 50.02
RMS 52.29
signal [adc counts]

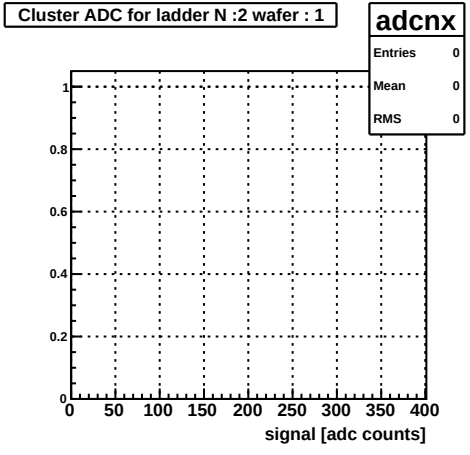

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 574
Mean 94.5
RMS 72.67
signal [adc counts]

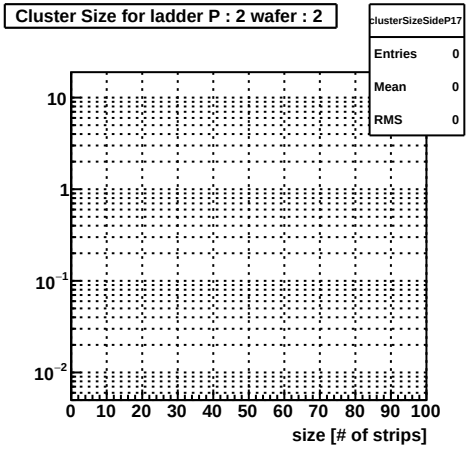

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

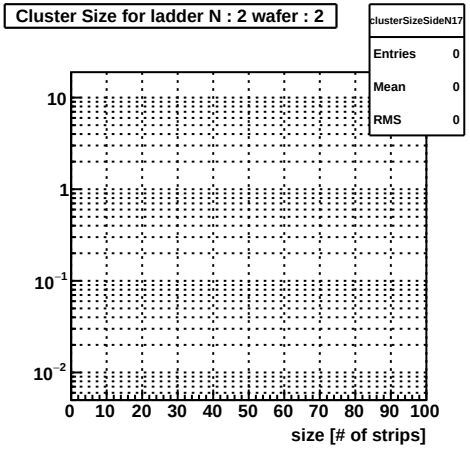

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

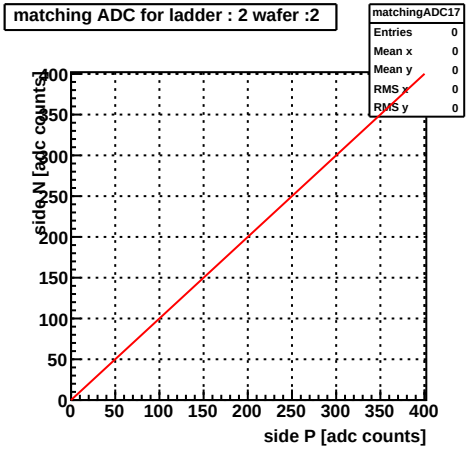

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

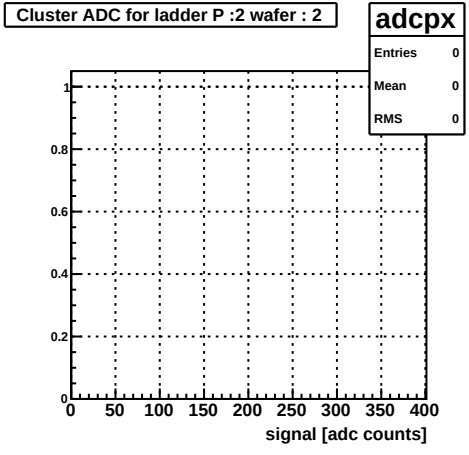

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

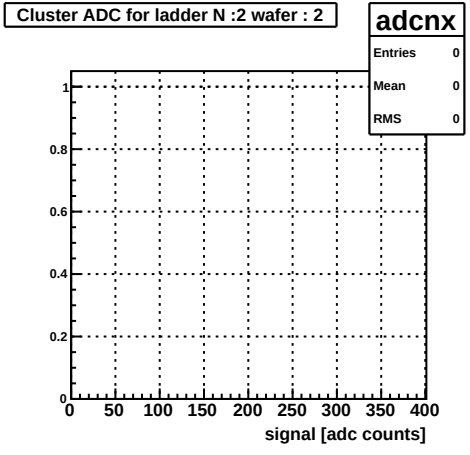

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

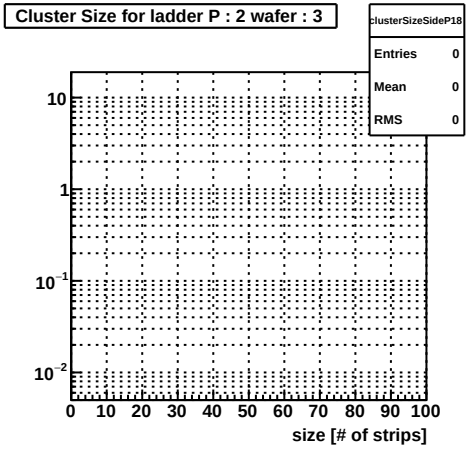

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

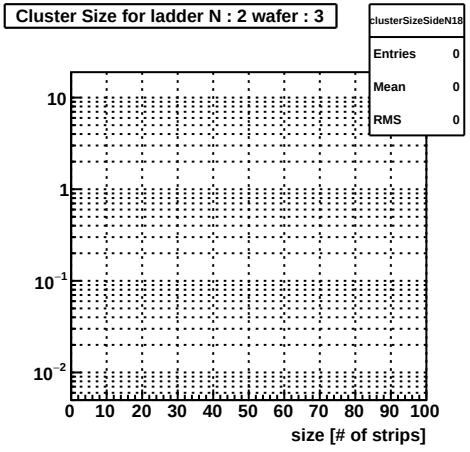

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

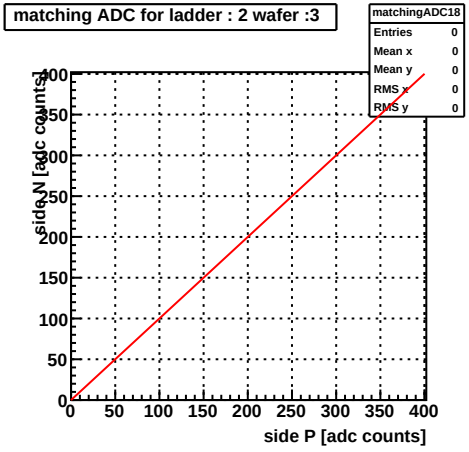

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

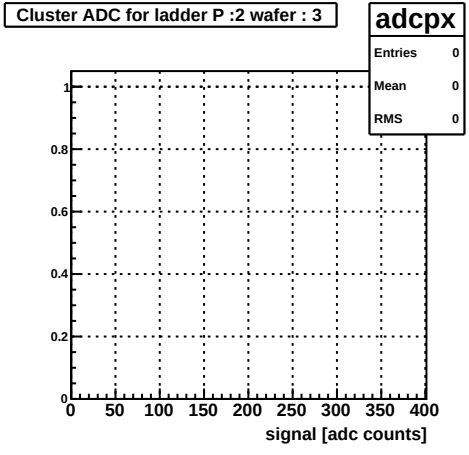

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

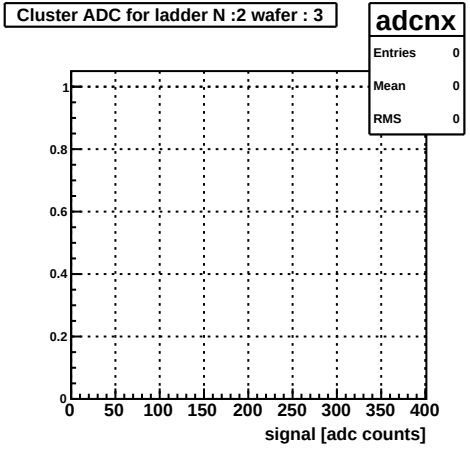

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

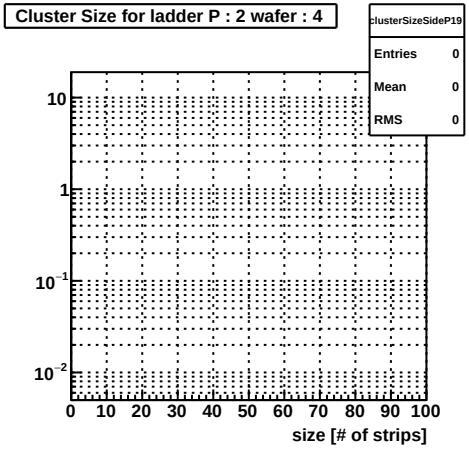

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

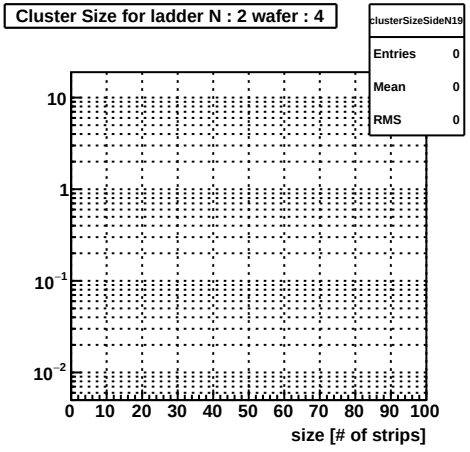

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

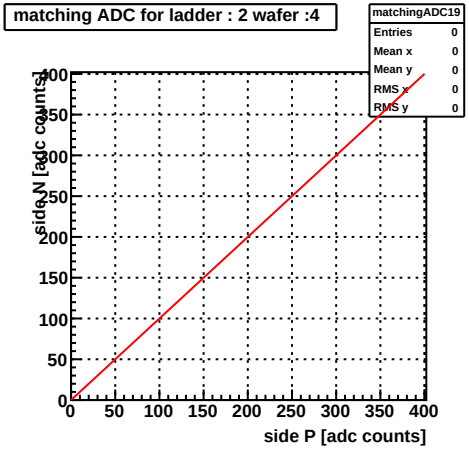

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

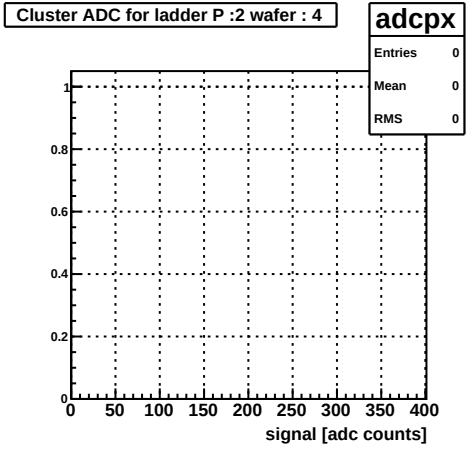

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

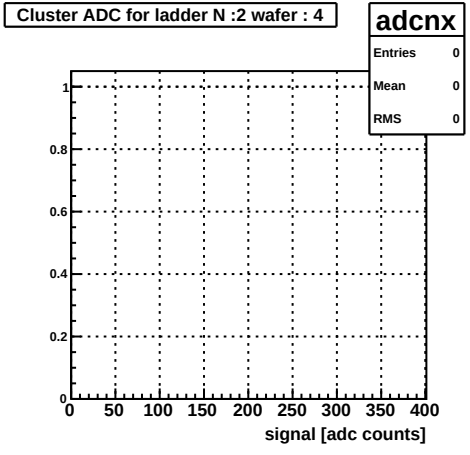

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

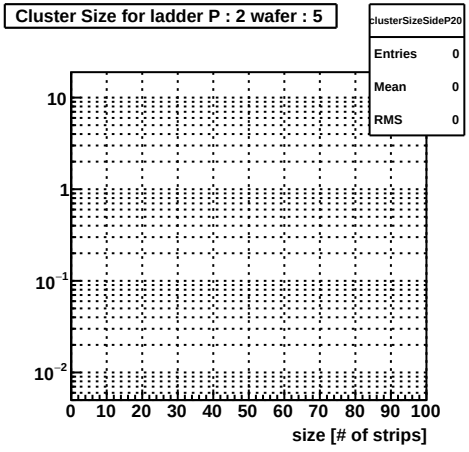

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

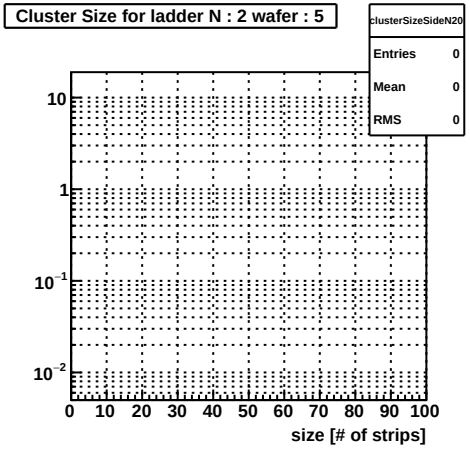

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

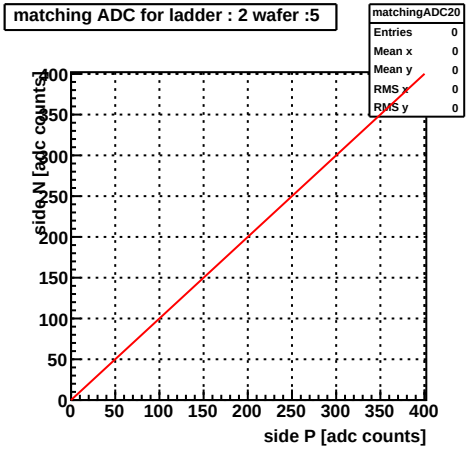

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

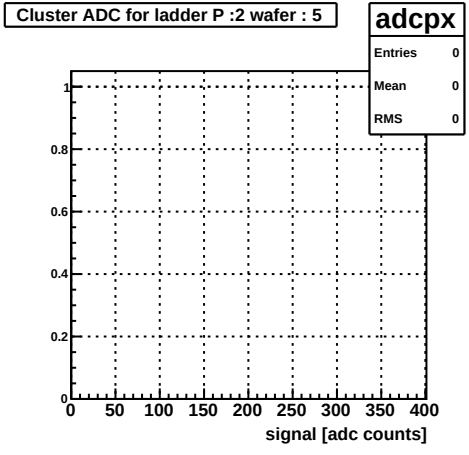

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

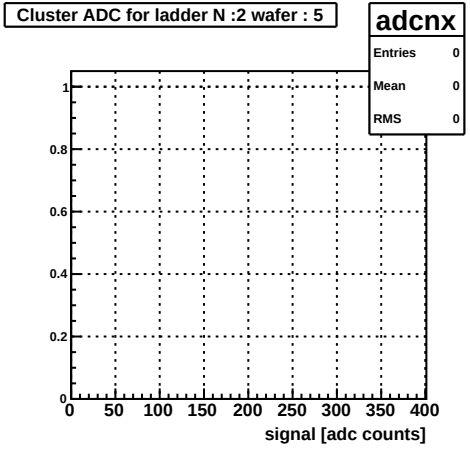

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

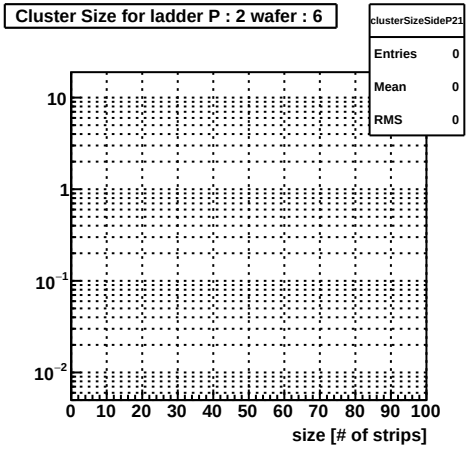

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

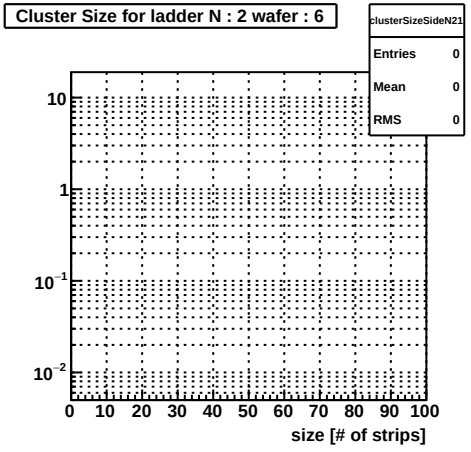

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

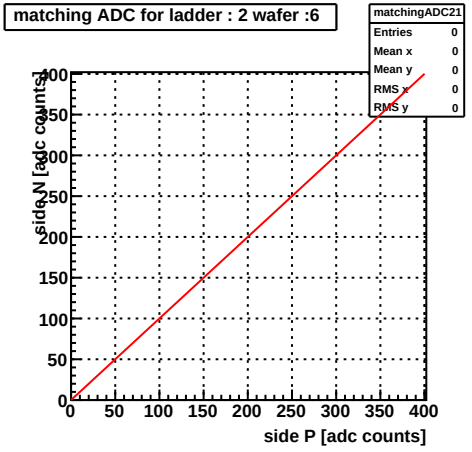

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

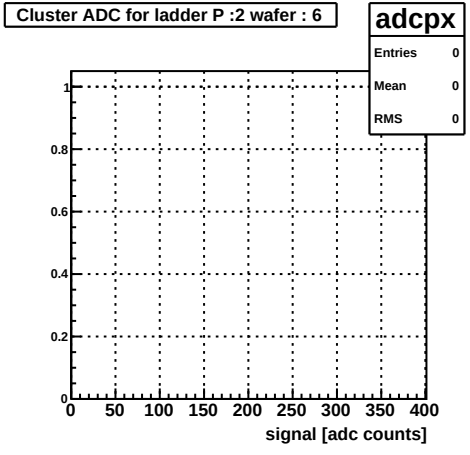

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

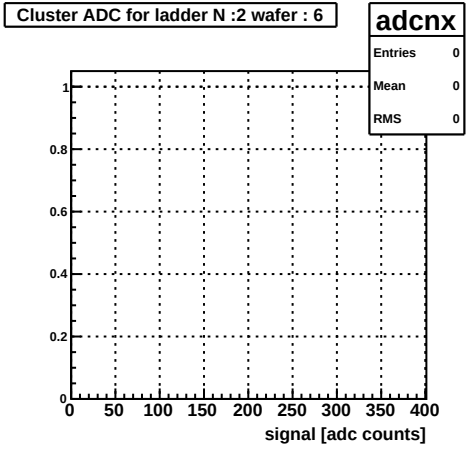

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

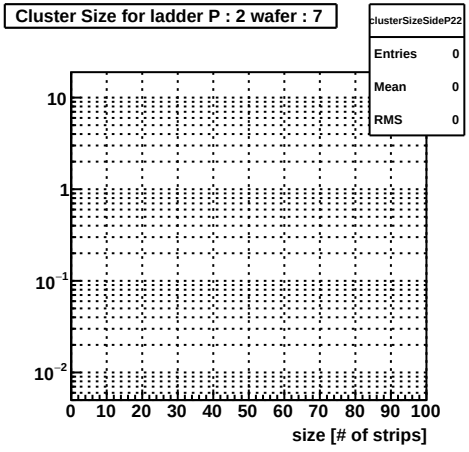

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

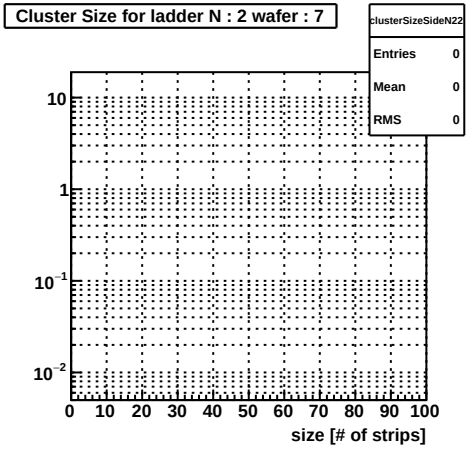

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

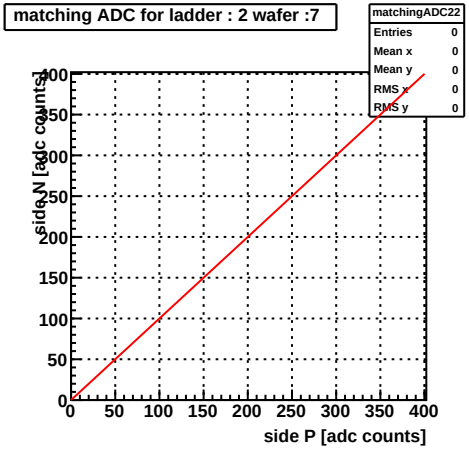

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

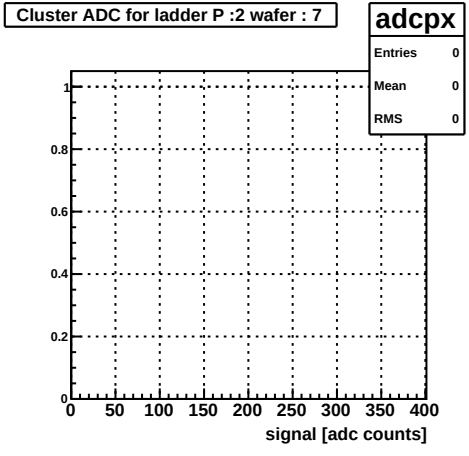

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

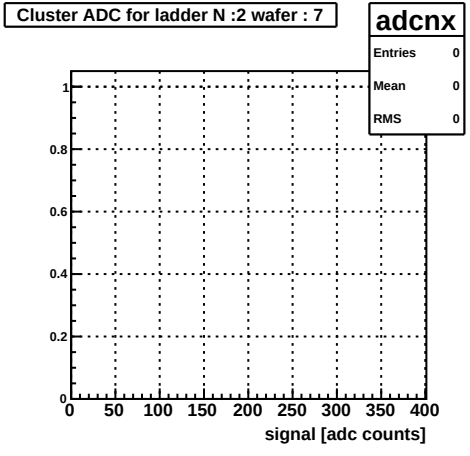

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

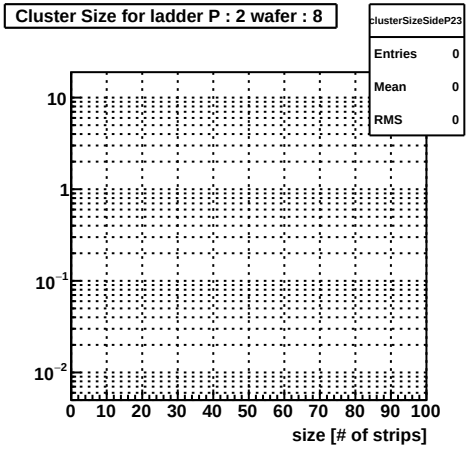

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

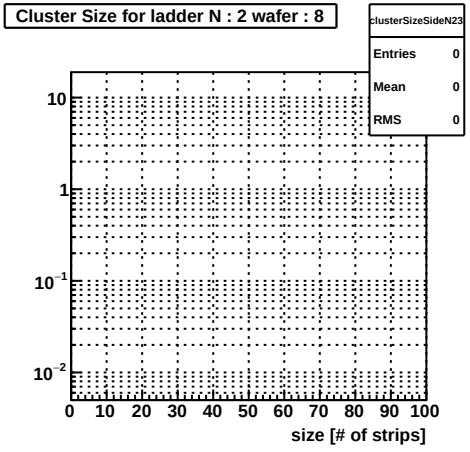

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

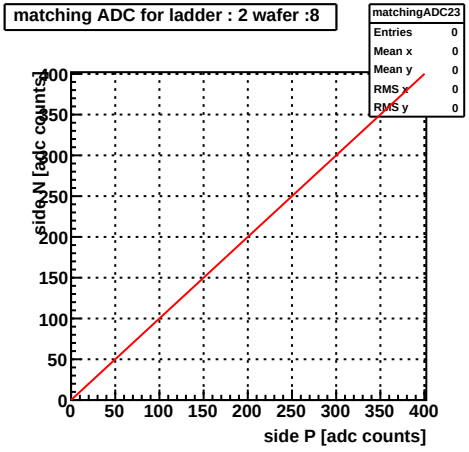

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

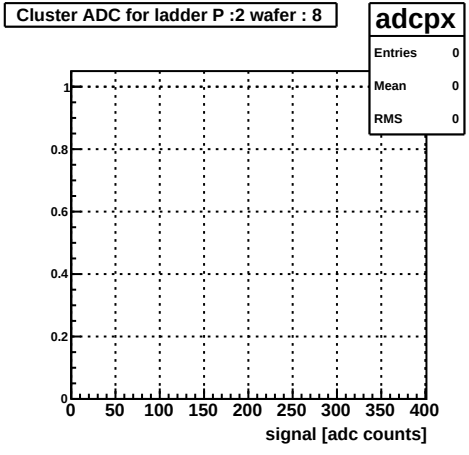

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

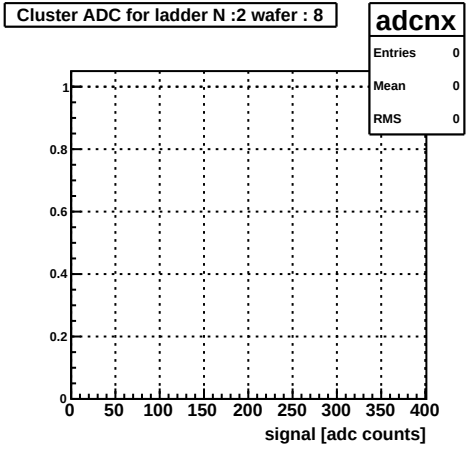

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

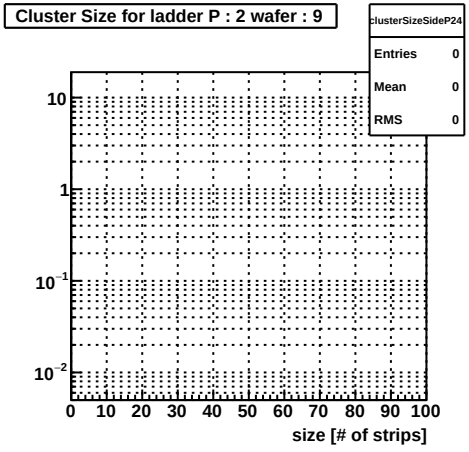

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

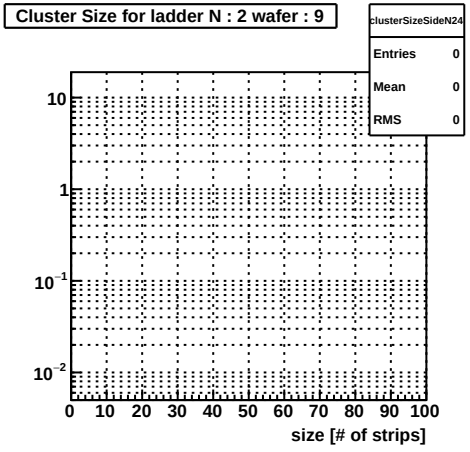

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

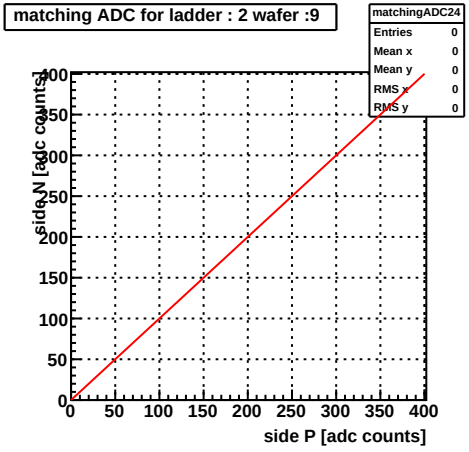

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

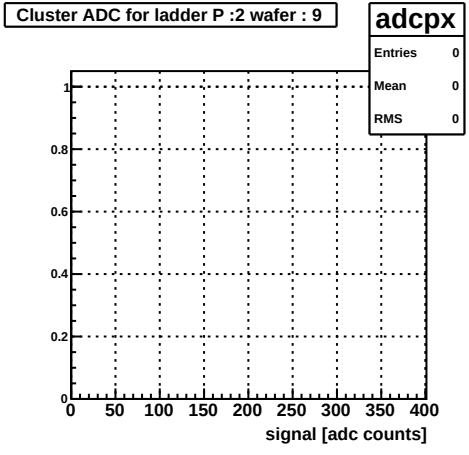

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

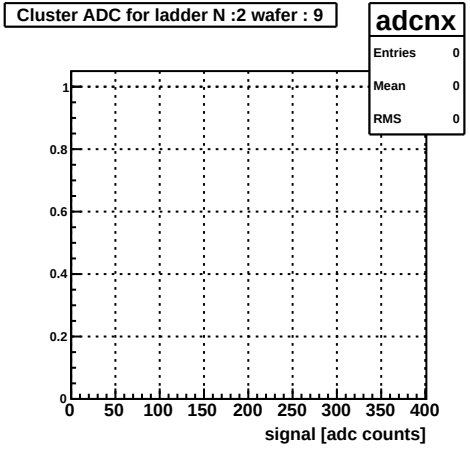

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

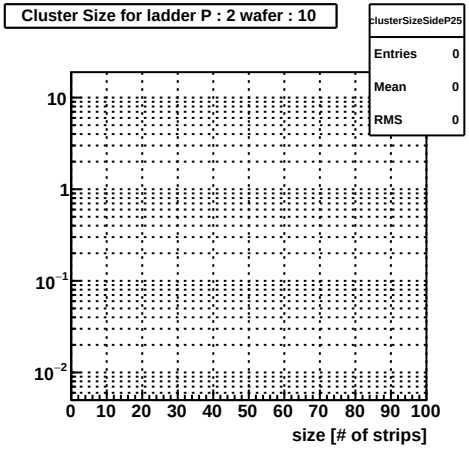

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

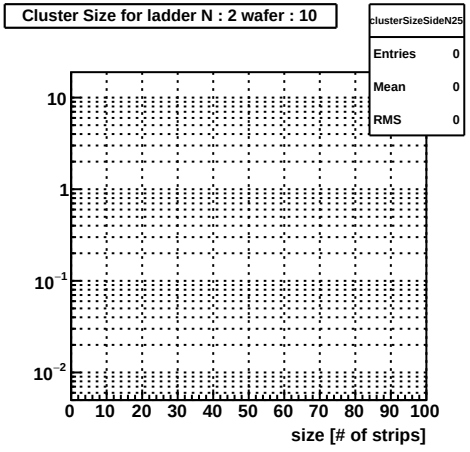

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

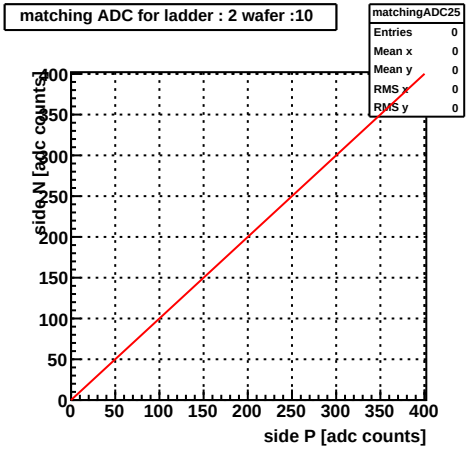

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

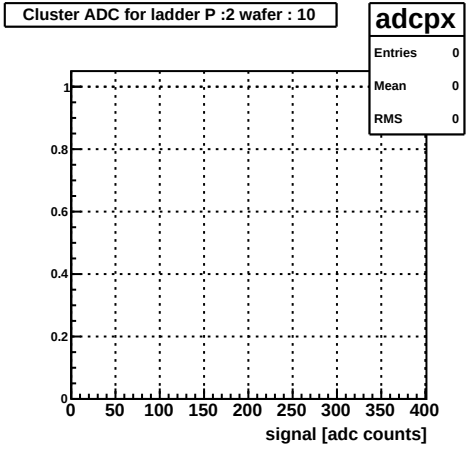

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

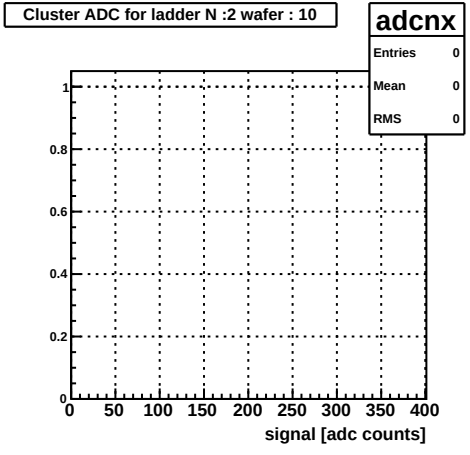

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

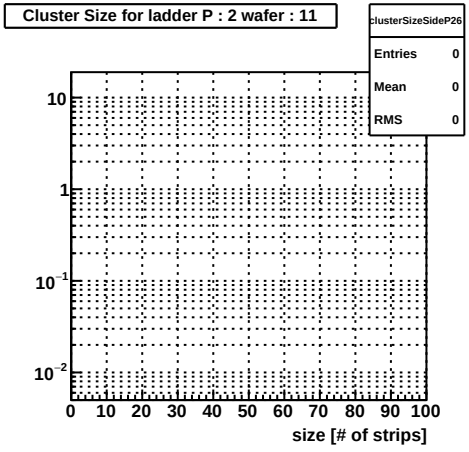

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

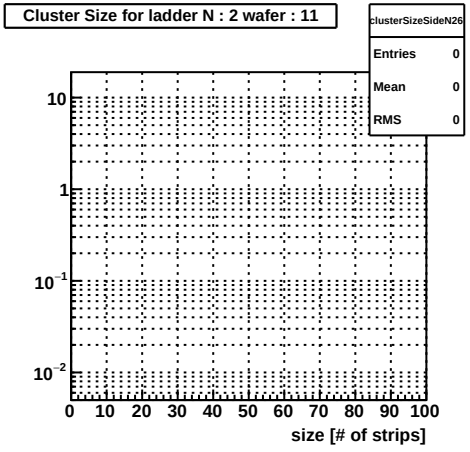

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

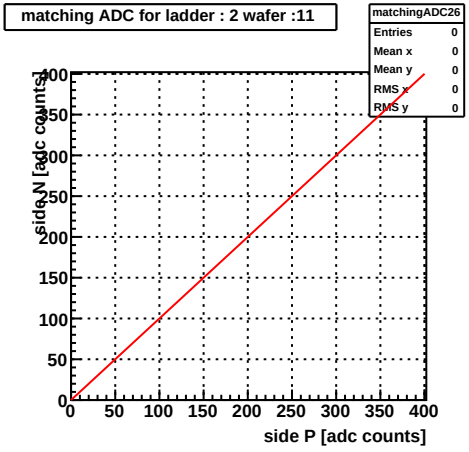

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

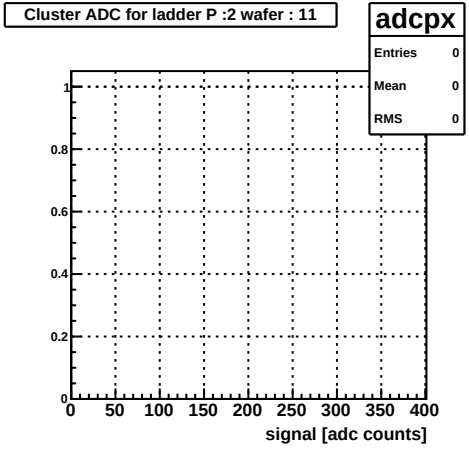

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

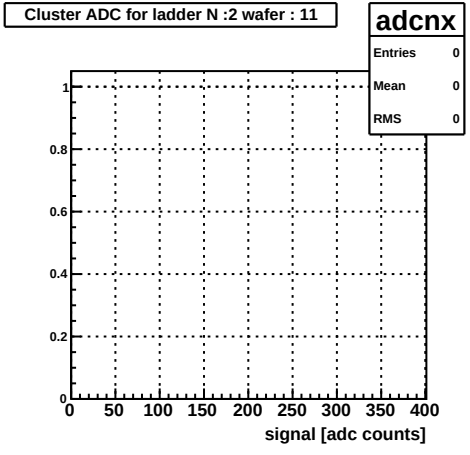

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

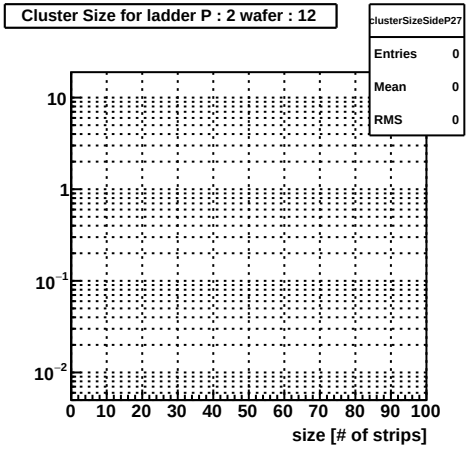

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

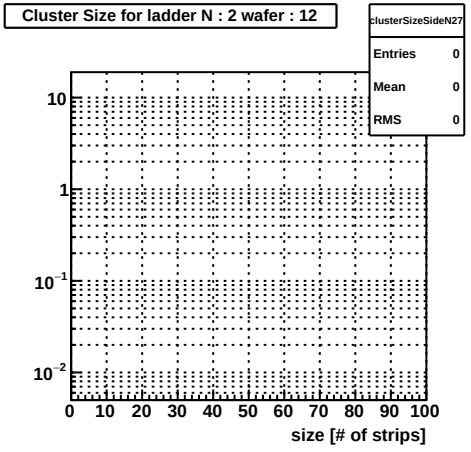

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

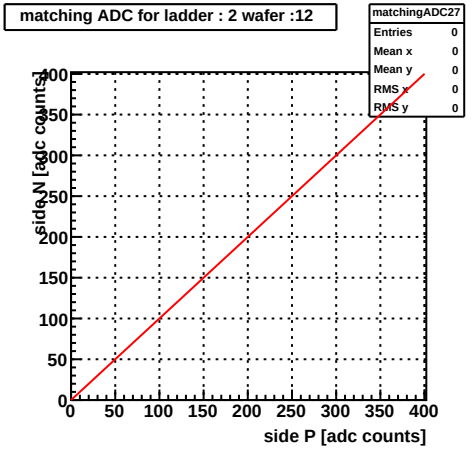

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

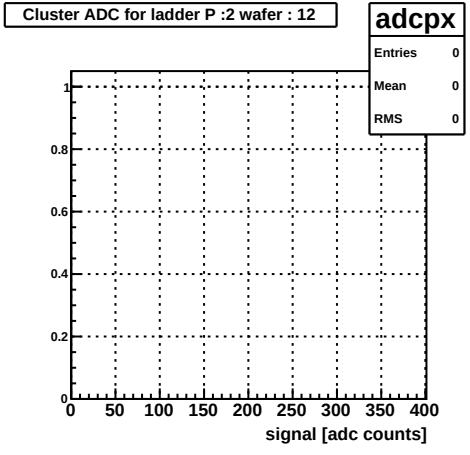

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

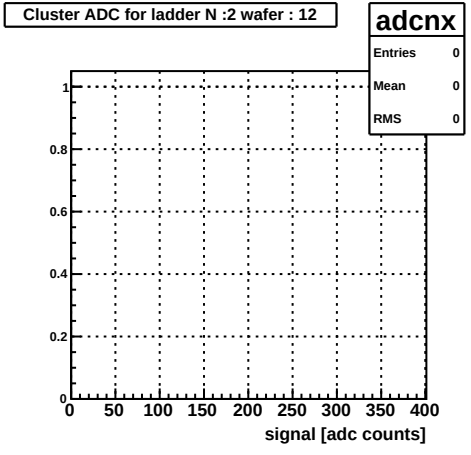

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

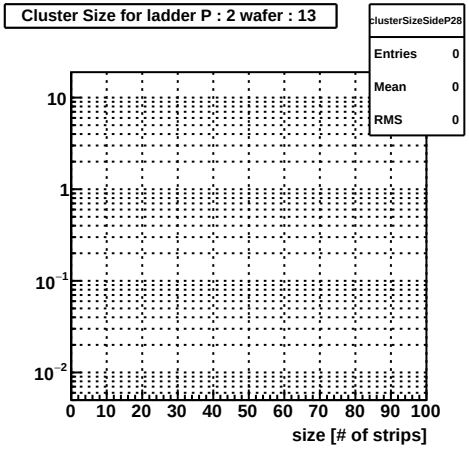

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

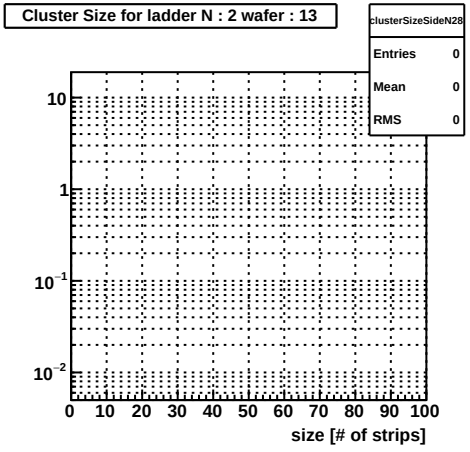

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

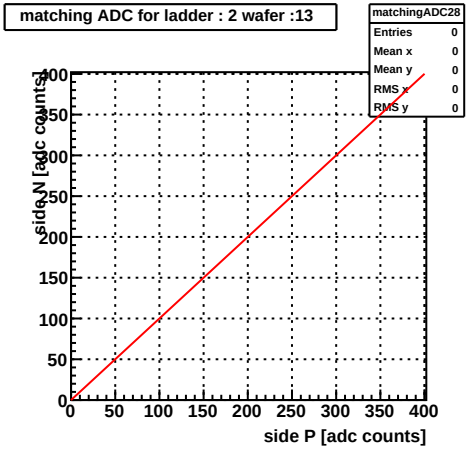

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

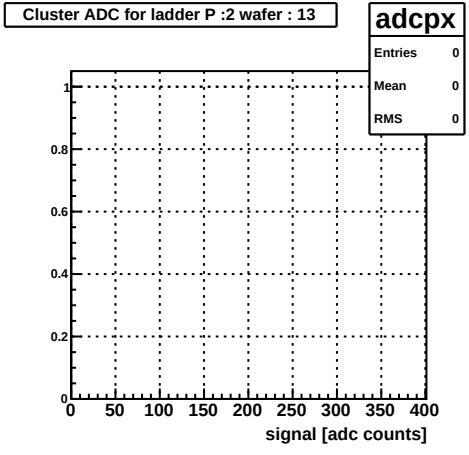

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

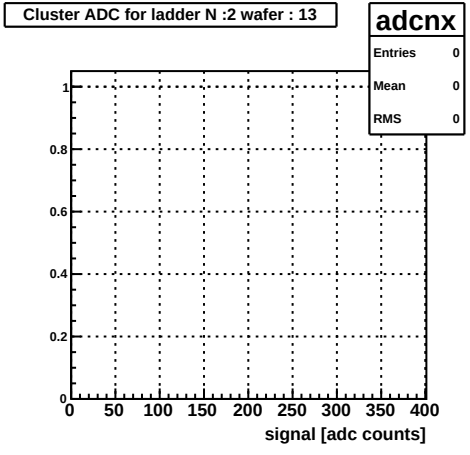

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

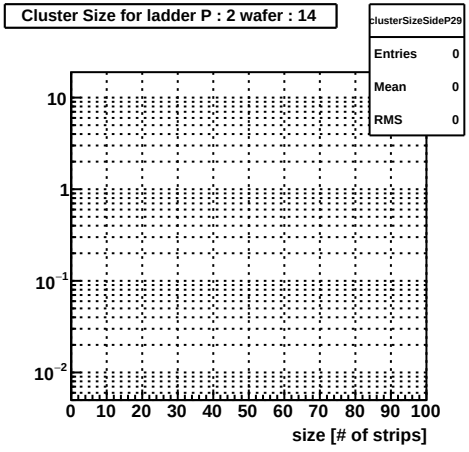

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

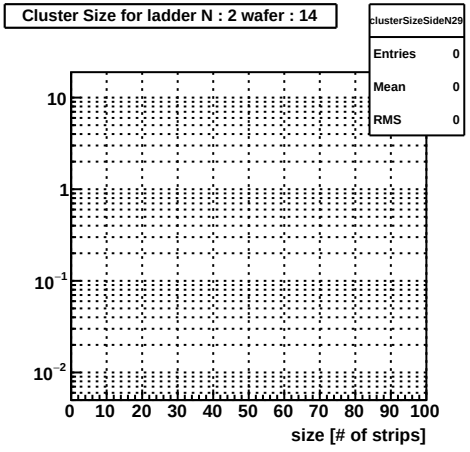

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

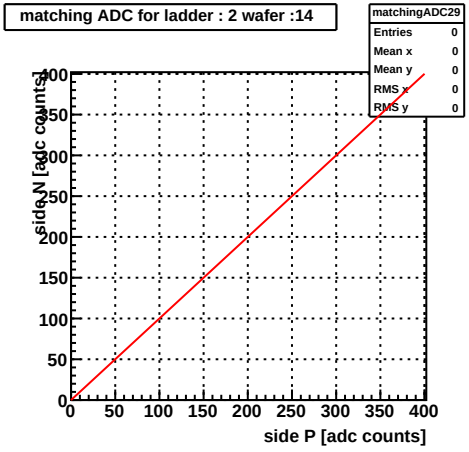

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

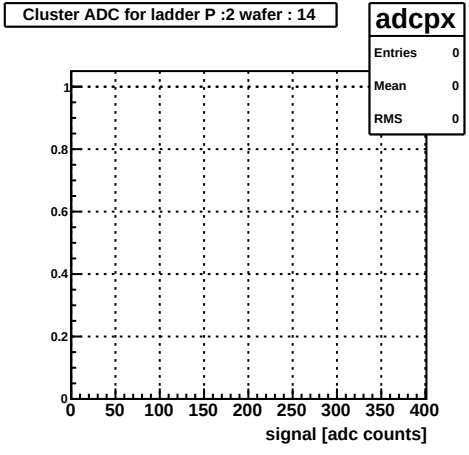

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

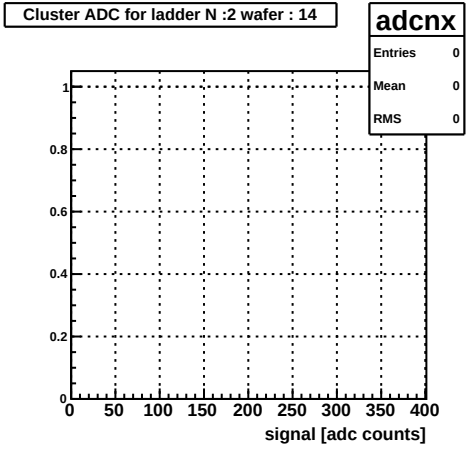

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

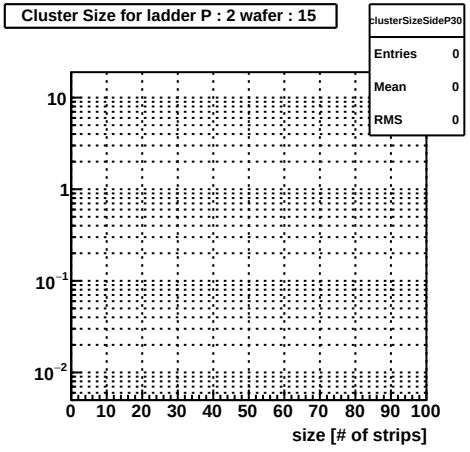

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

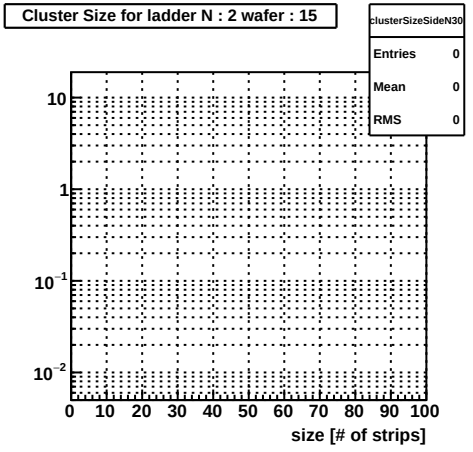

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

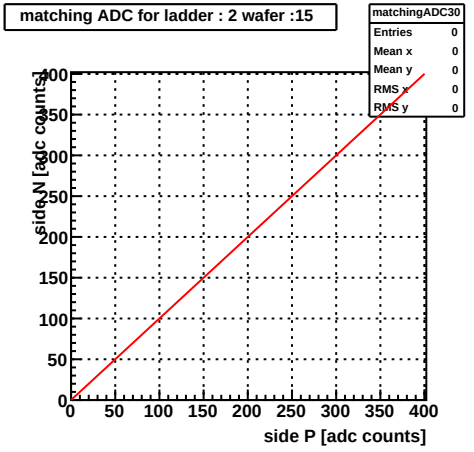

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

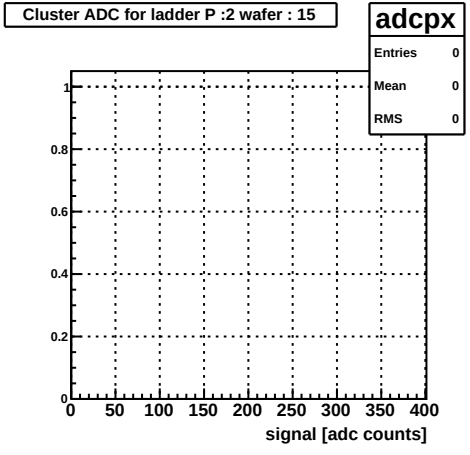

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

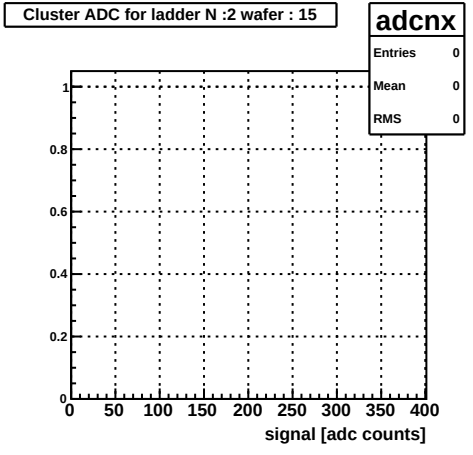

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

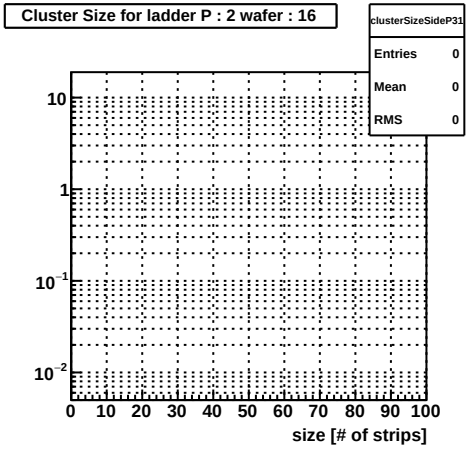

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

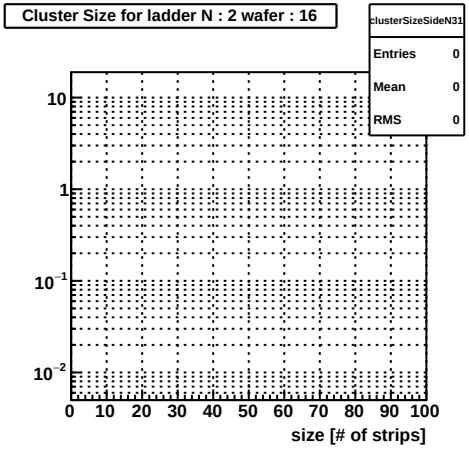

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

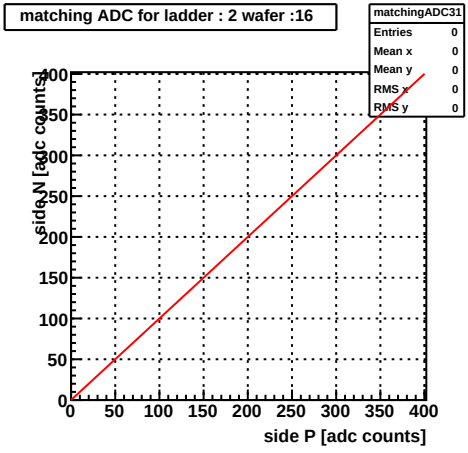

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

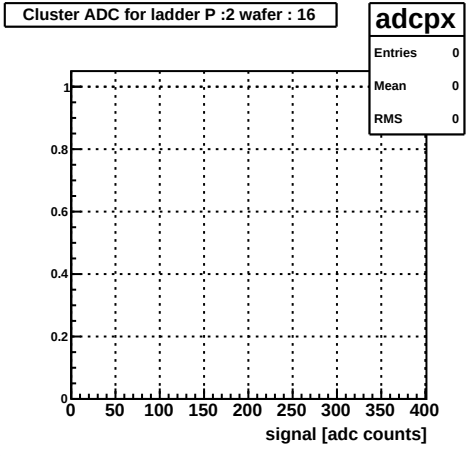

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

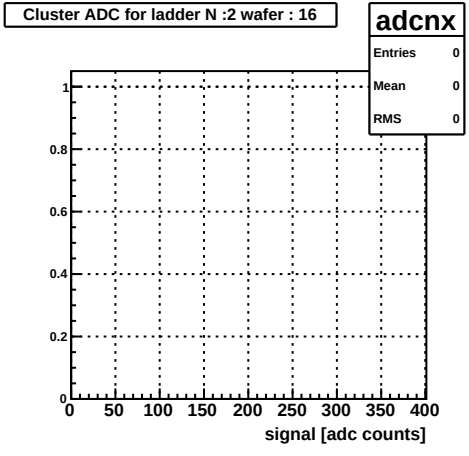

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

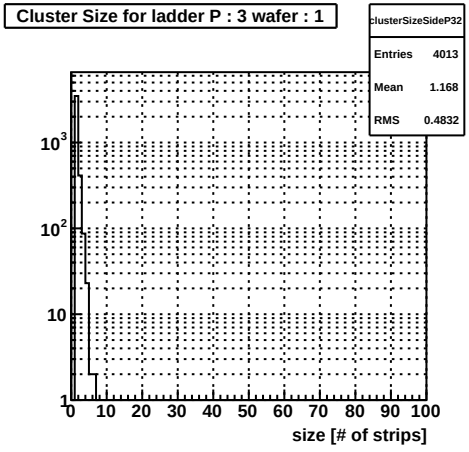

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

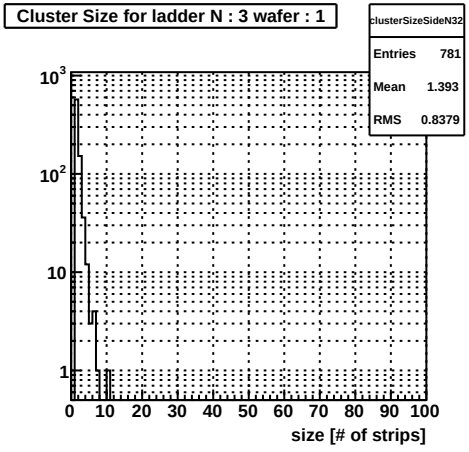

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

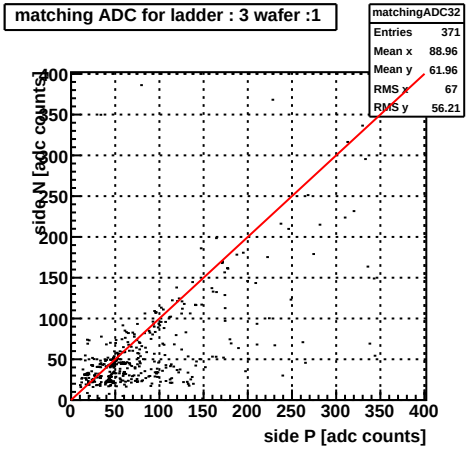

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

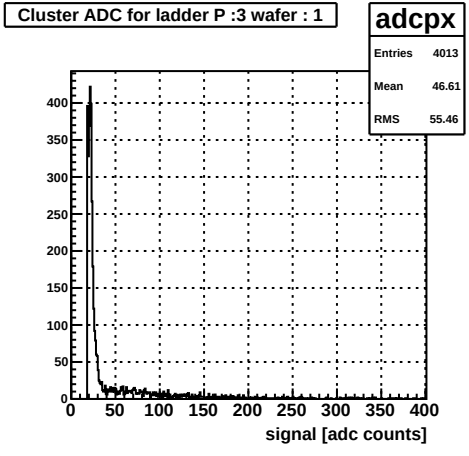

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

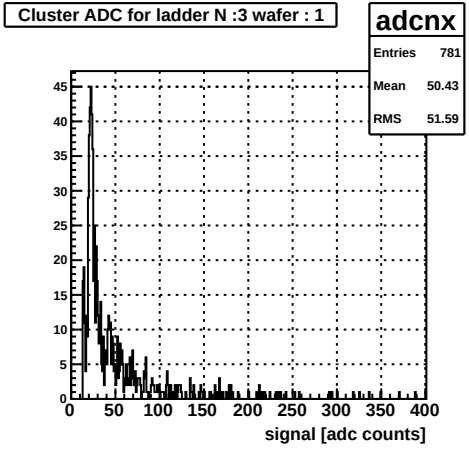

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

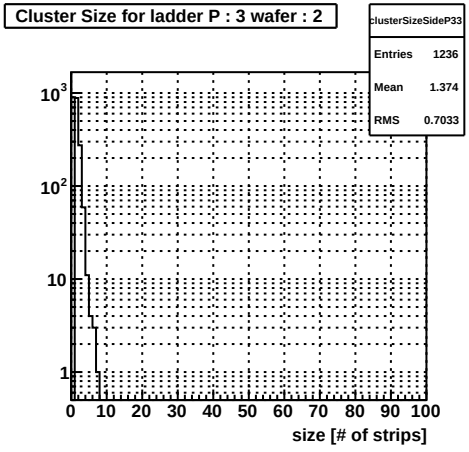

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 4013
Mean 1.168
RMS 0.4832
size [# of strips]

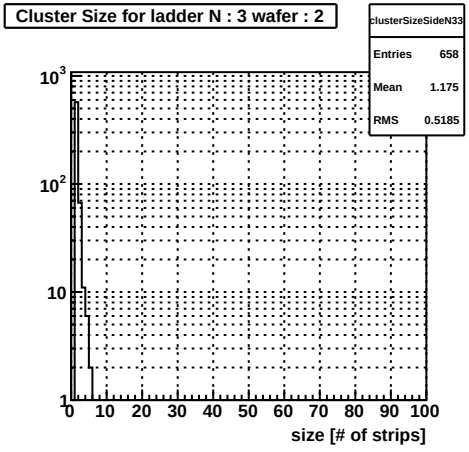

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 781
Mean 1.393
RMS 0.8379
size [# of strips]

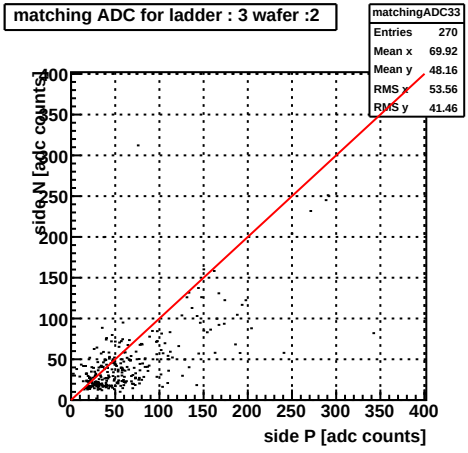

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 371
Mean x 88.96
Mean y 61.96
RMS x 67
RMS y 56.21
side N [adc counts]
side P [adc counts]

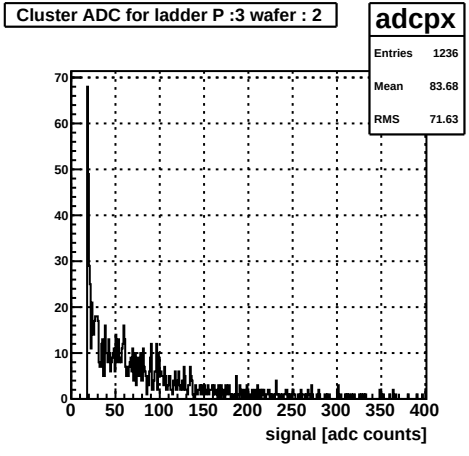

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 4013
Mean 46.61
RMS 55.46
signal [adc counts]

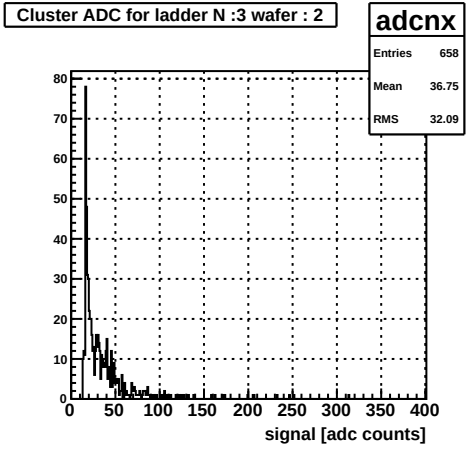

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 781
Mean 50.43
RMS 51.59
signal [adc counts]

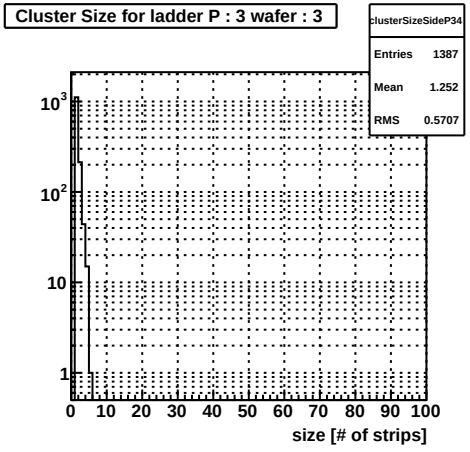

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1236
Mean 1.374
RMS 0.7033
size [# of strips]

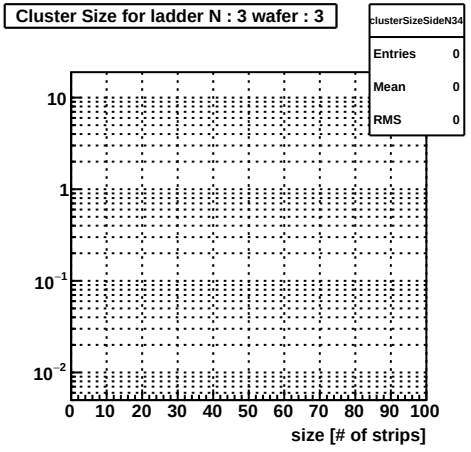

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 658
Mean 1.175
RMS 0.5185
size [# of strips]

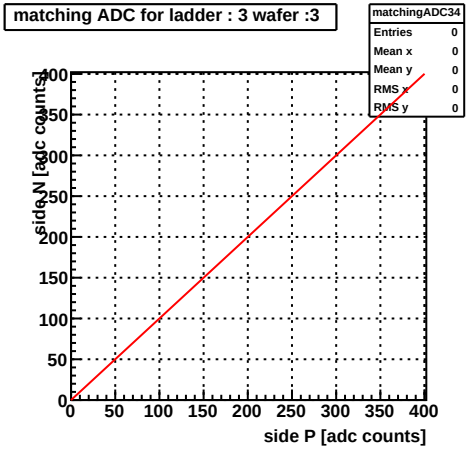

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 270
Mean x 69.92
Mean y 48.16
RMS x 53.56
RMS y 41.46
side N [adc counts]
side P [adc counts]

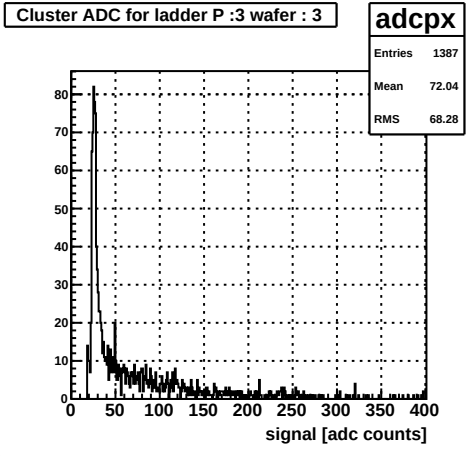

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1236
Mean 83.68
RMS 71.63
signal [adc counts]

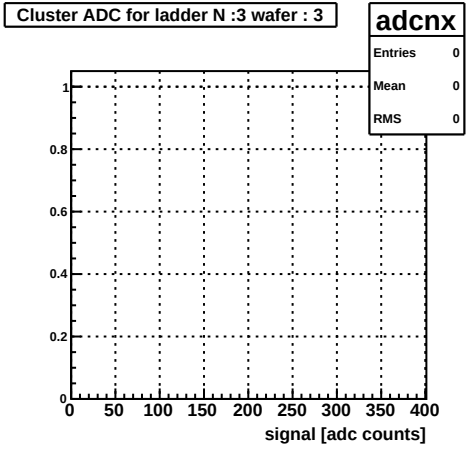

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 658
Mean 36.75
RMS 32.09
signal [adc counts]

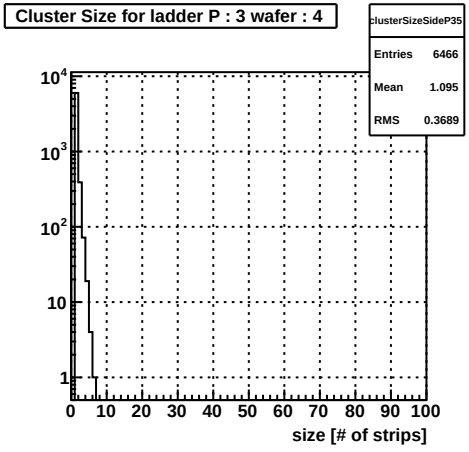

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 1387
Mean 1.252
RMS 0.5707
size [# of strips]

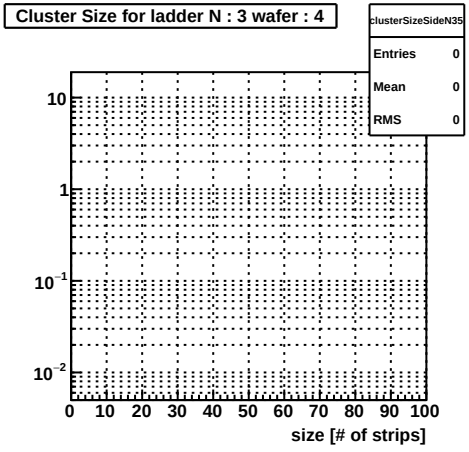

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

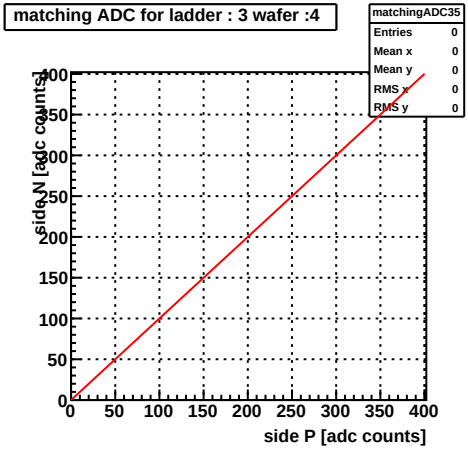

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

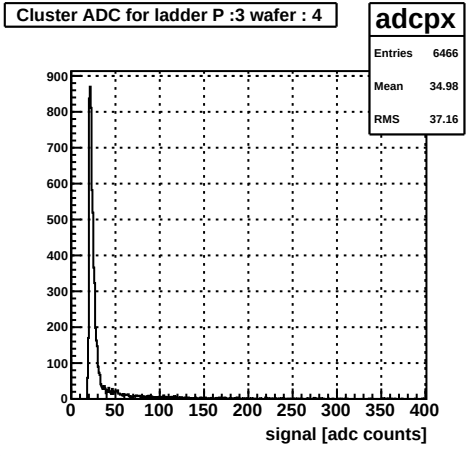

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 1387
Mean 72.04
RMS 68.28
signal [adc counts]

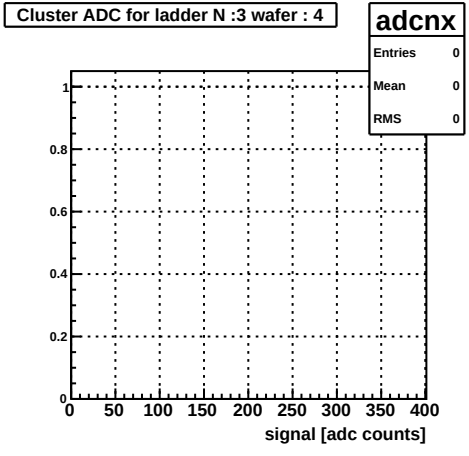

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

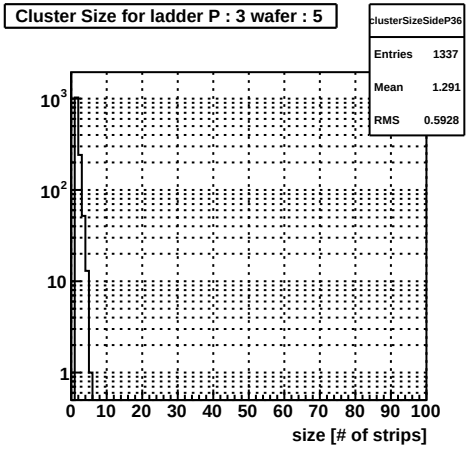

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 6466
Mean 1.095
RMS 0.3689
size [# of strips]

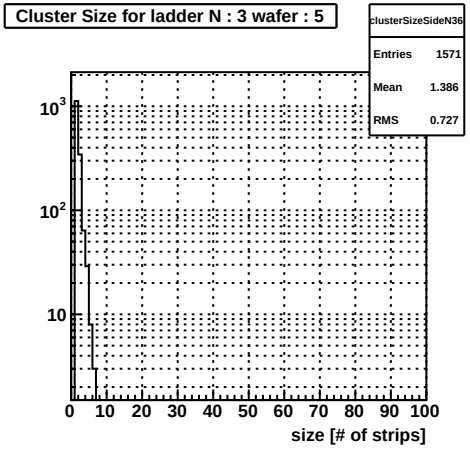

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

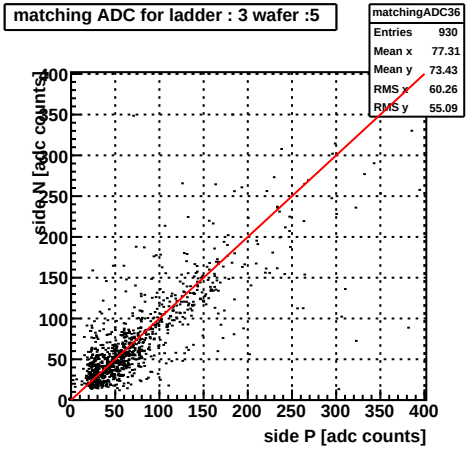

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

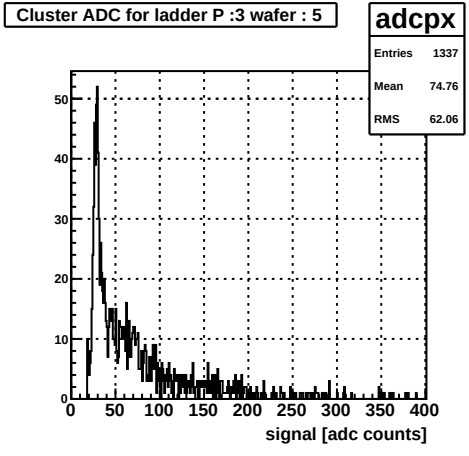

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 6466
Mean 34.98
RMS 37.16
signal [adc counts]

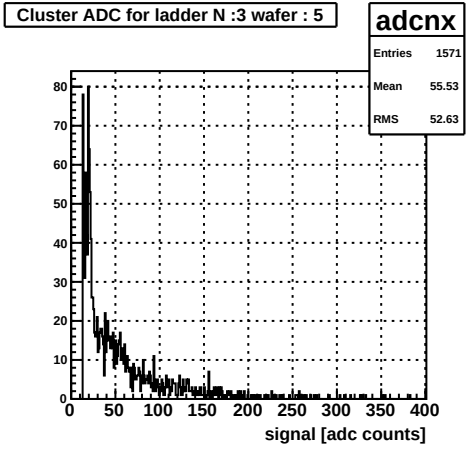

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

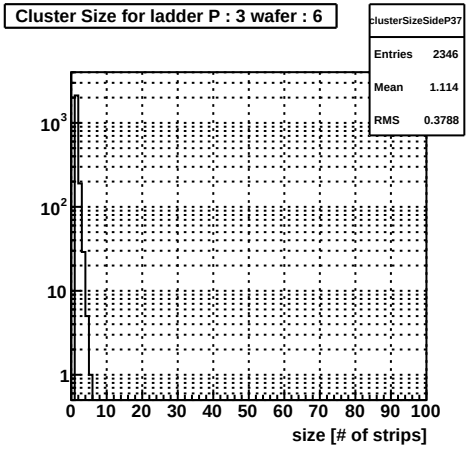

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1337
Mean 1.291
RMS 0.5928
size [# of strips]

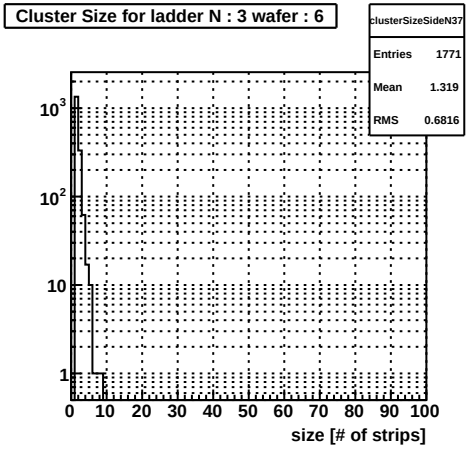

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 1571
Mean 1.386
RMS 0.727
size [# of strips]

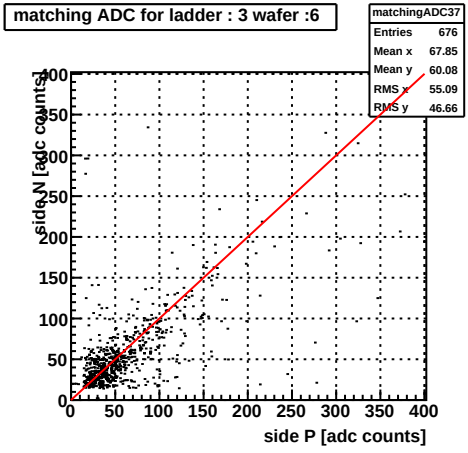

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 930
Mean x 77.31
Mean y 73.43
RMS x 60.26
RMS y 55.09
side N [adc counts]
side P [adc counts]

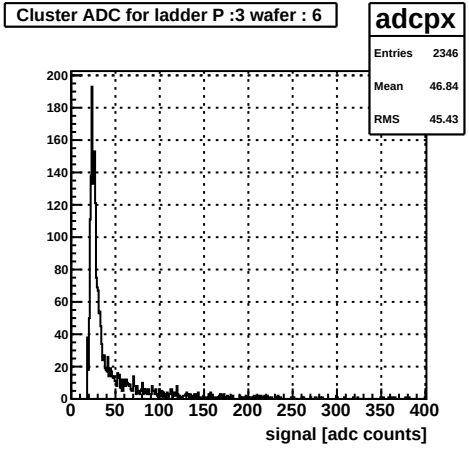

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1337
Mean 74.76
RMS 62.06
signal [adc counts]

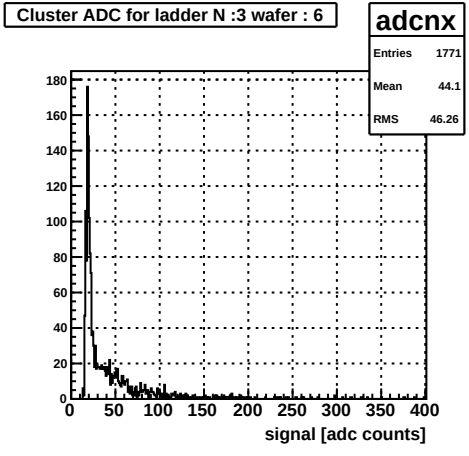

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 1571
Mean 55.53
RMS 52.63
signal [adc counts]

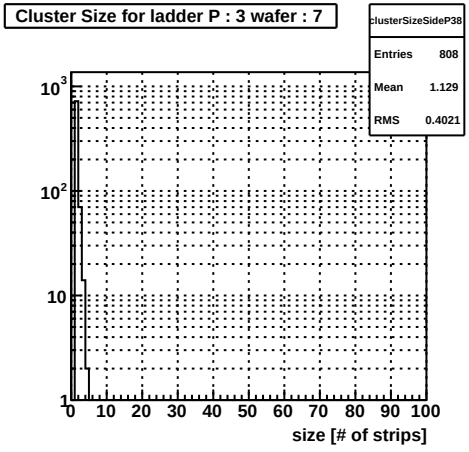

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 2346
Mean 1.114
RMS 0.3788
size [# of strips]

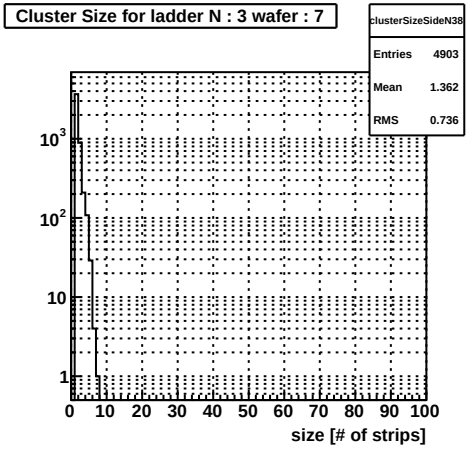

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1771
Mean 1.319
RMS 0.6816
size [# of strips]

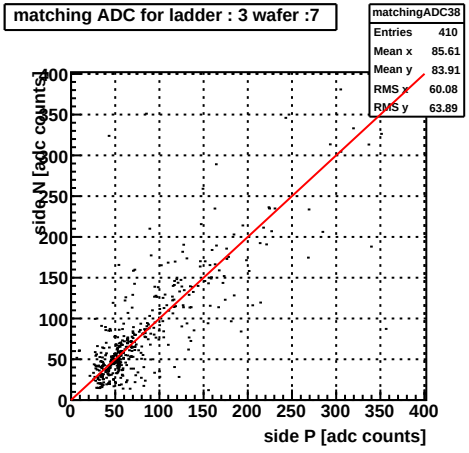

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 676
Mean x 67.85
Mean y 60.08
RMS x 55.09
RMS y 46.66
side N [adc counts]
side P [adc counts]

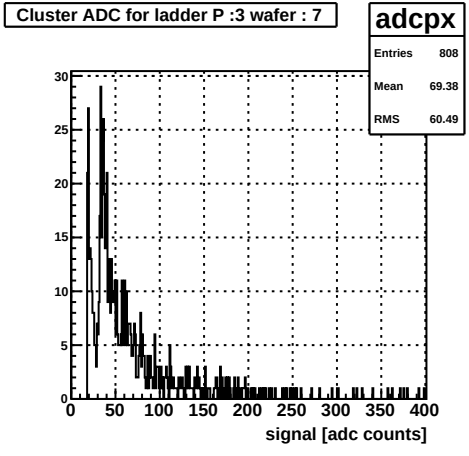

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 2346
Mean 46.84
RMS 45.43
signal [adc counts]

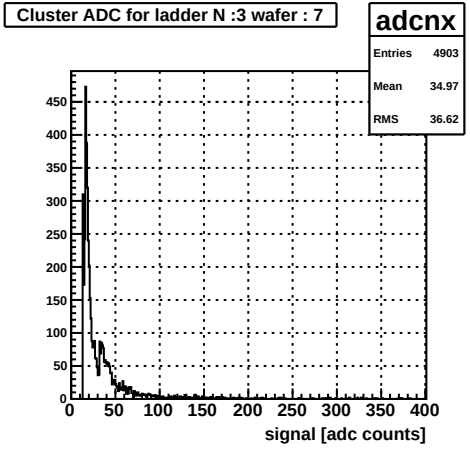

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1771
Mean 44.1
RMS 46.26
signal [adc counts]

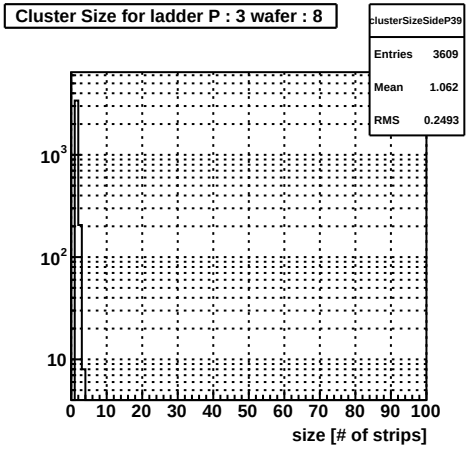

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 808
Mean 1.129
RMS 0.4021
size [# of strips]

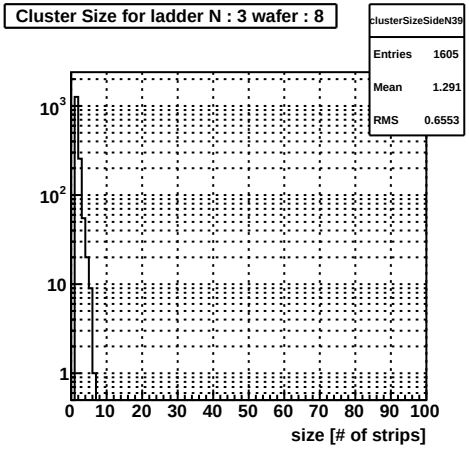

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 4903
Mean 1.362
RMS 0.736
size [# of strips]

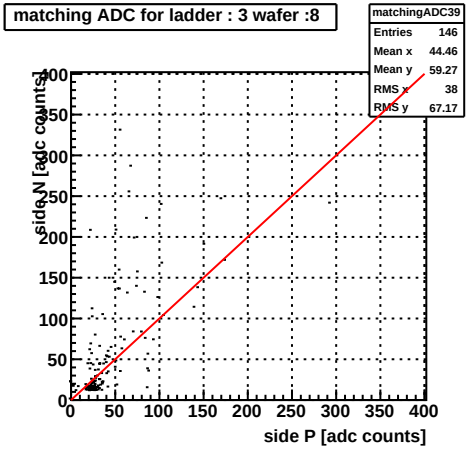

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 410
Mean x 85.61
Mean y 83.91
RMS x 60.08
RMS y 63.89
side N [adc counts]
side P [adc counts]

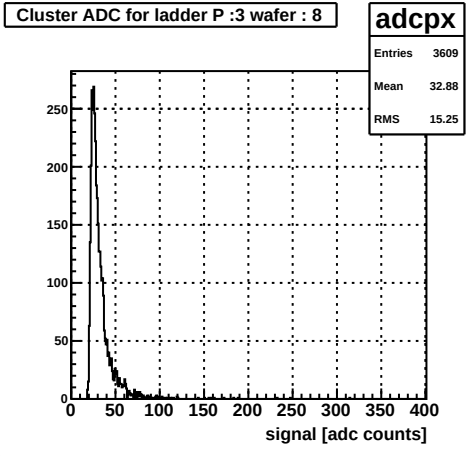

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 808
Mean 69.38
RMS 60.49
signal [adc counts]

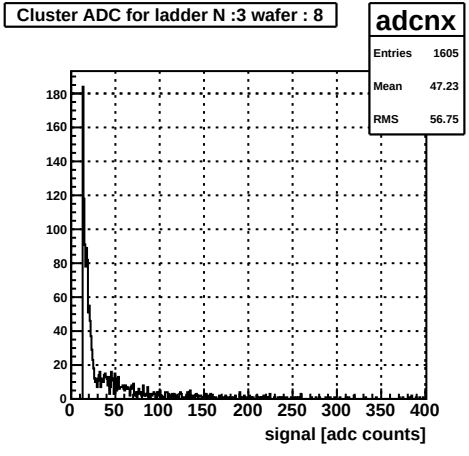

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 4903
Mean 34.97
RMS 36.62
signal [adc counts]

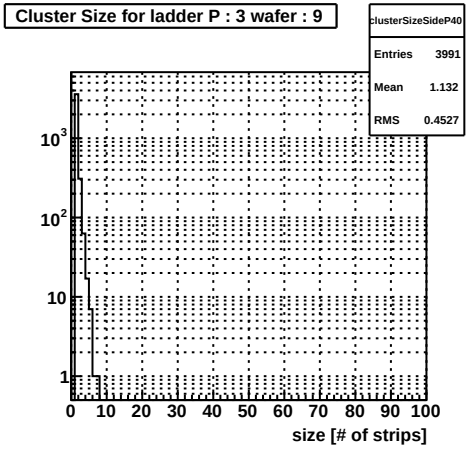

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 3609
Mean 1.062
RMS 0.2493
size [# of strips]

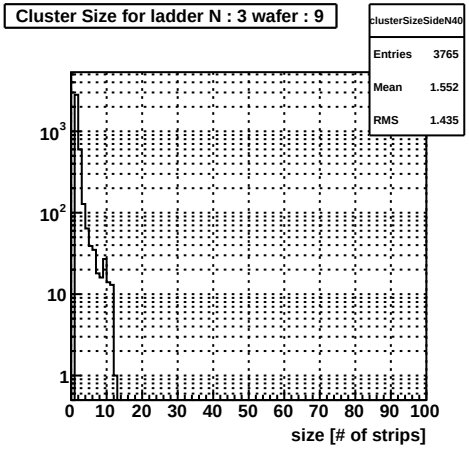

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1605
Mean 1.291
RMS 0.6553
size [# of strips]

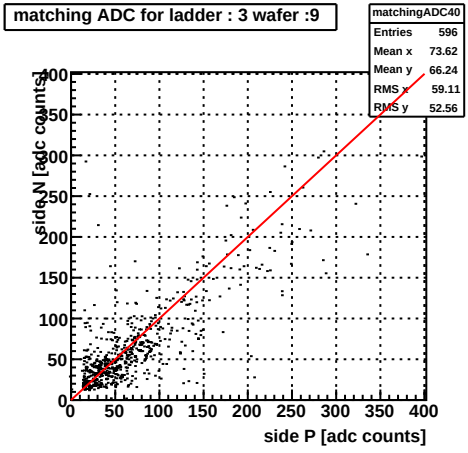

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 146
Mean x 44.46
Mean y 59.27
RMS x 38
RMS y 67.17
side N [adc counts]
side P [adc counts]

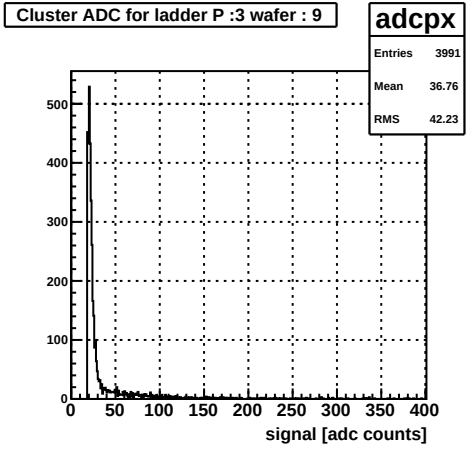

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 3609
Mean 32.88
RMS 15.25
signal [adc counts]

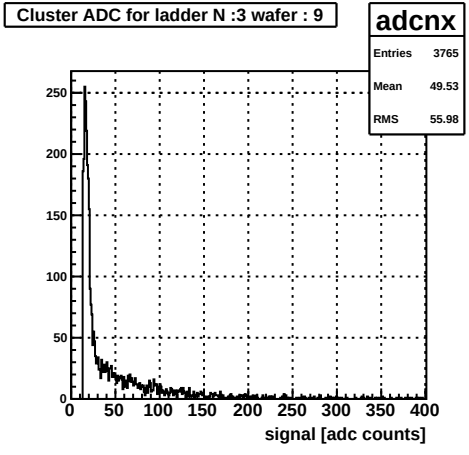

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1605
Mean 47.23
RMS 56.75
signal [adc counts]

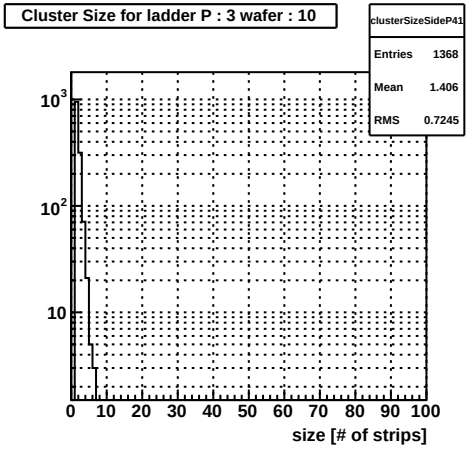

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 3991
Mean 1.132
RMS 0.4527
size [# of strips]

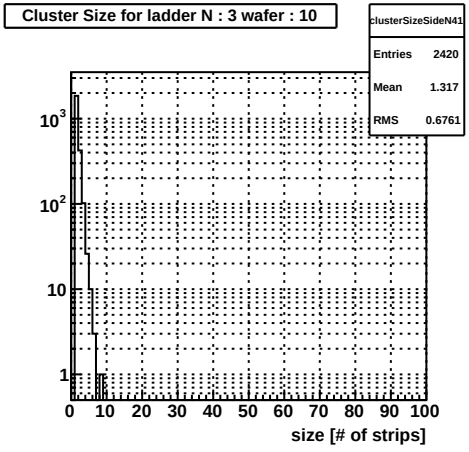

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 3765
Mean 1.552
RMS 1.435
size [# of strips]

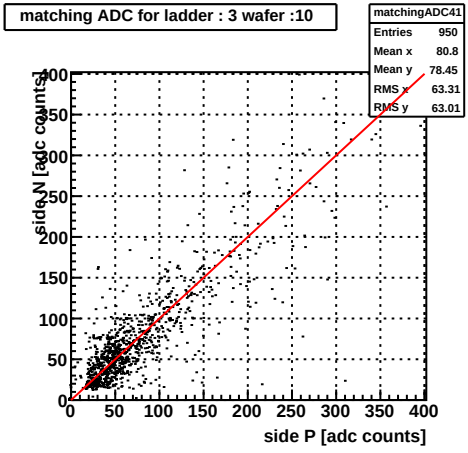

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 596
Mean x 73.62
Mean y 66.24
RMS x 59.11
RMS y 52.56
side N [adc counts]
side P [adc counts]

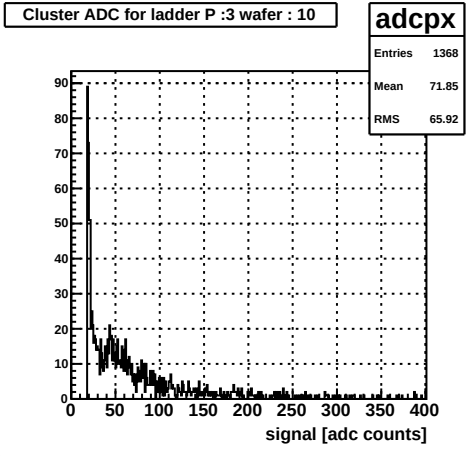

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 3991
Mean 36.76
RMS 42.23
signal [adc counts]

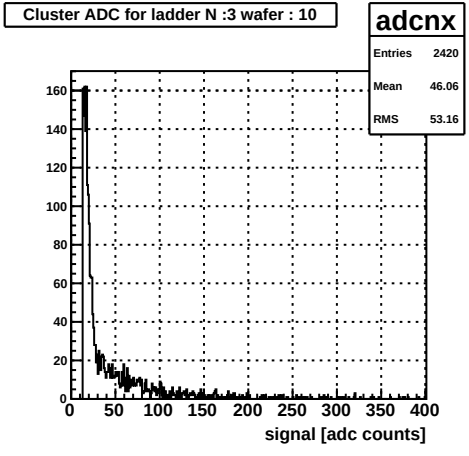

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 3765
Mean 49.53
RMS 55.98
signal [adc counts]

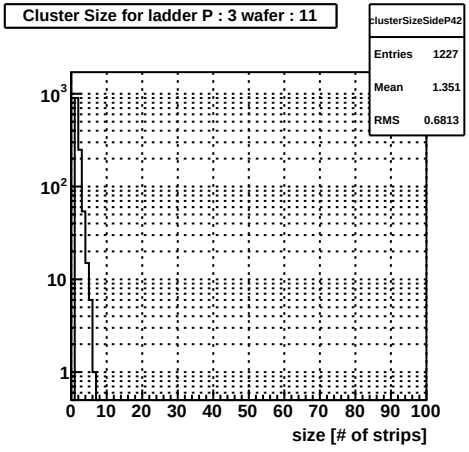

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1368
Mean 1.406
RMS 0.7245
size [# of strips]

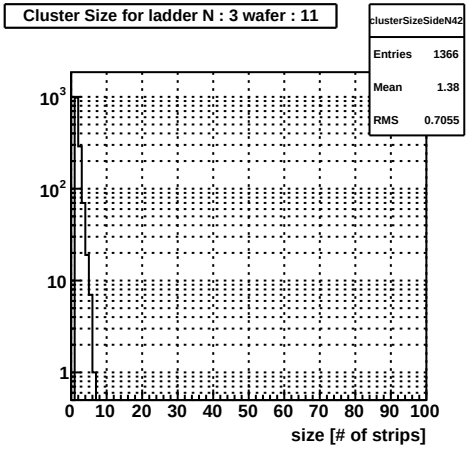

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 2420
Mean 1.317
RMS 0.6761
size [# of strips]

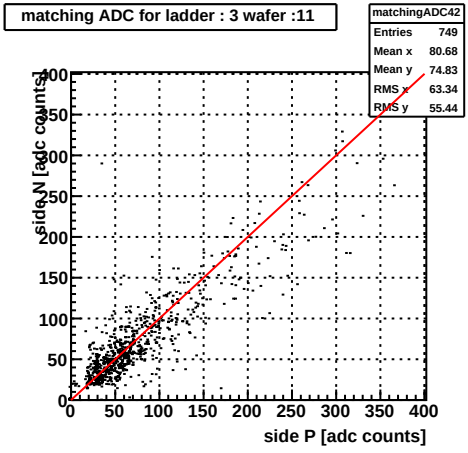

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 950
Mean x 80.8
Mean y 78.45
RMS x 63.31
RMS y 63.01
side N [adc counts]
side P [adc counts]

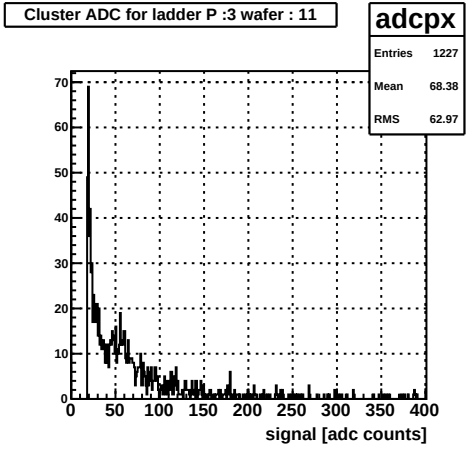

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1368
Mean 71.85
RMS 65.92
signal [adc counts]

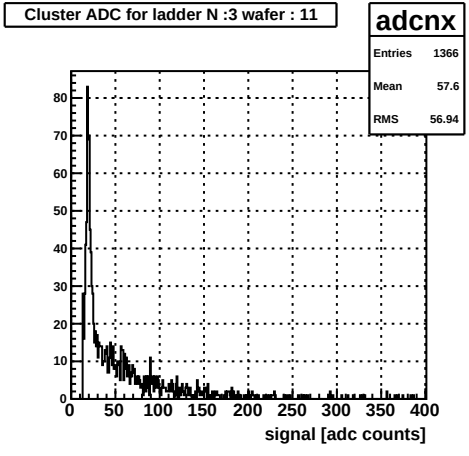

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 2420
Mean 46.06
RMS 53.16
signal [adc counts]

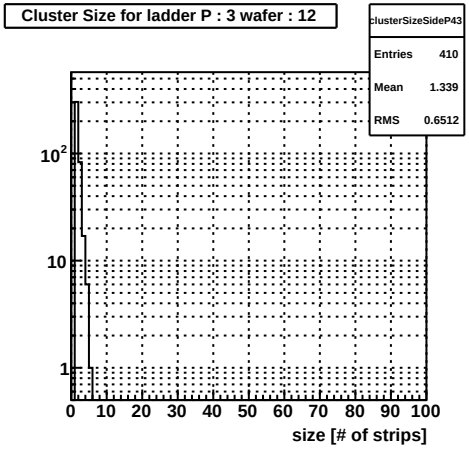

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1227
Mean 1.351
RMS 0.6813
size [# of strips]

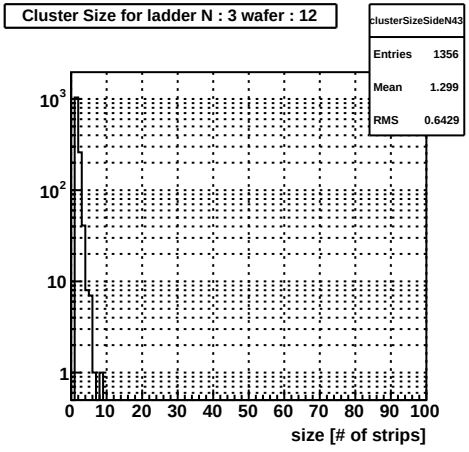

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 1366
Mean 1.38
RMS 0.7055
size [# of strips]

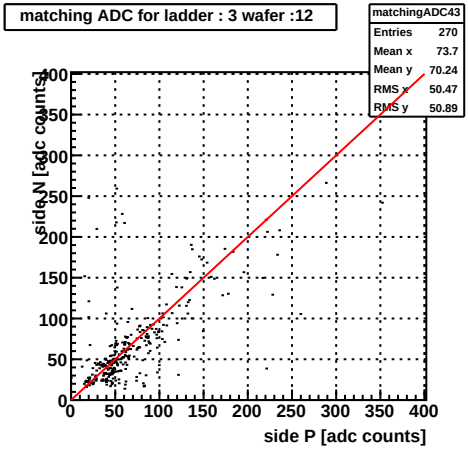

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 749
Mean x 80.68
Mean y 74.83
RMS x 63.34
RMS y 55.44
side N [adc counts]
side P [adc counts]

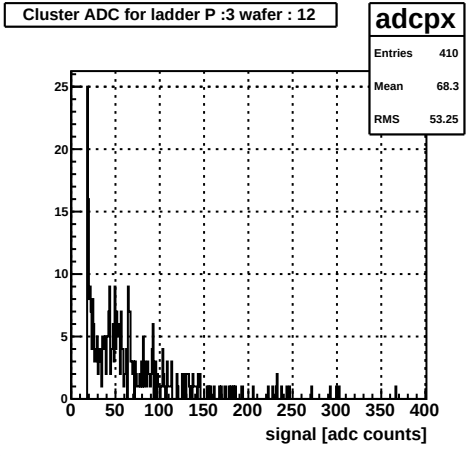

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1227
Mean 68.38
RMS 62.97
signal [adc counts]

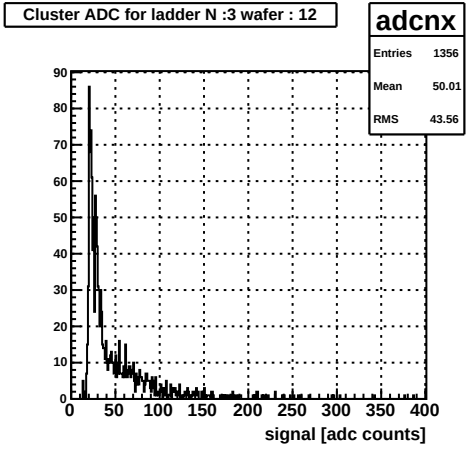

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 1366
Mean 57.6
RMS 56.94
signal [adc counts]

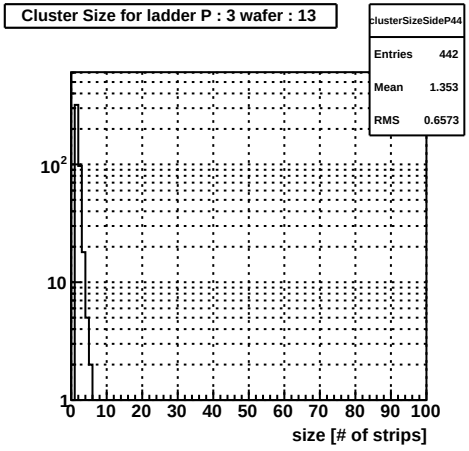

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 410
Mean 1.339
RMS 0.6512
size [# of strips]

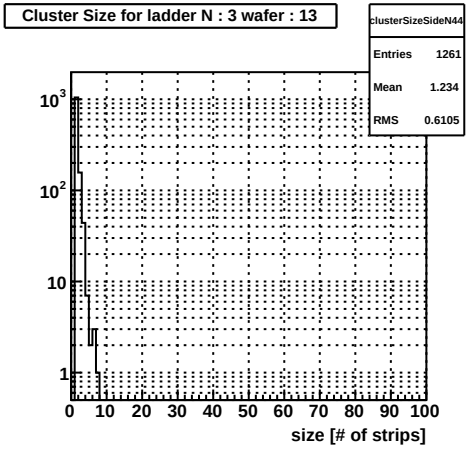

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1356
Mean 1.299
RMS 0.6429
size [# of strips]

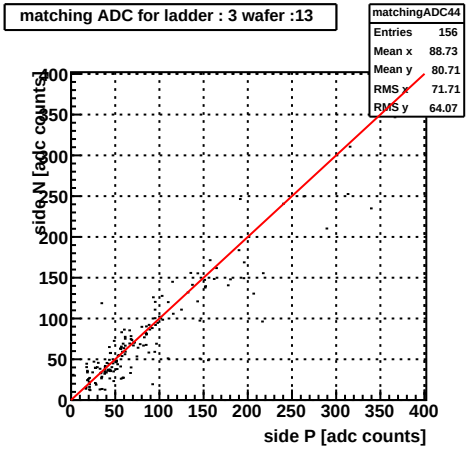

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 270
Mean x 73.7
Mean y 70.24
RMS x 50.47
RMS y 50.89
side N [adc counts]
side P [adc counts]

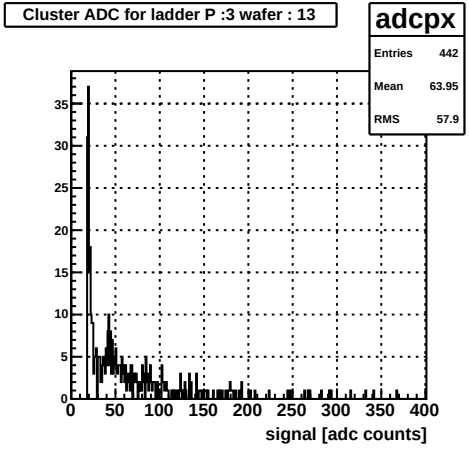

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 410
Mean 68.3
RMS 53.25
signal [adc counts]

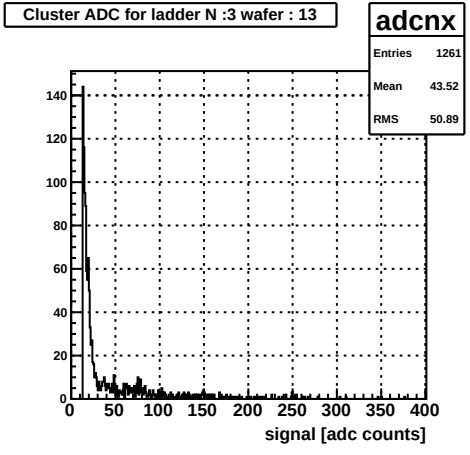

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1356
Mean 50.01
RMS 43.56
signal [adc counts]

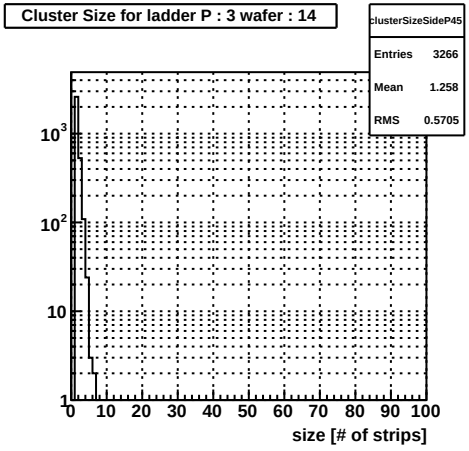

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 442
Mean 1.353
RMS 0.6573
size [# of strips]

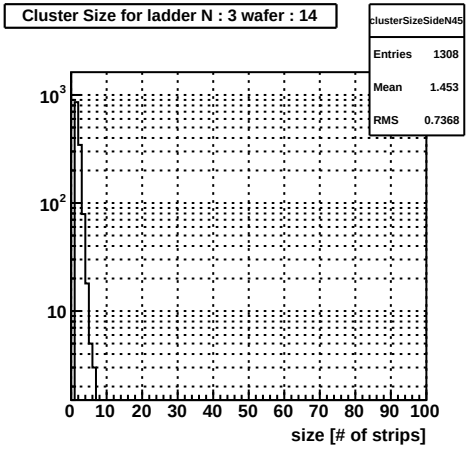

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1261
Mean 1.234
RMS 0.6105
size [# of strips]

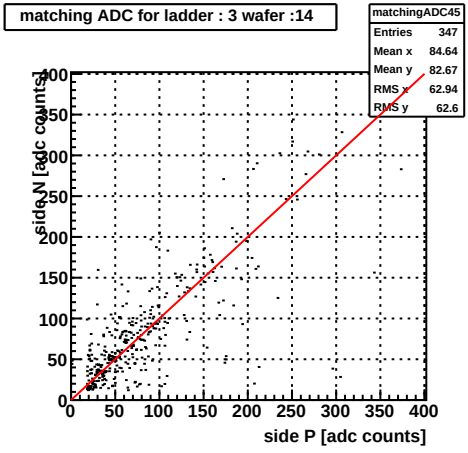

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 156
Mean x 88.73
Mean y 80.71
RMS x 71.71
RMS y 64.07
side N [adc counts]
side P [adc counts]

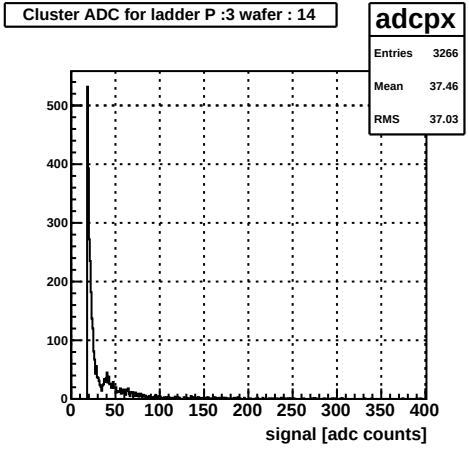

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 442
Mean 63.95
RMS 57.9
signal [adc counts]

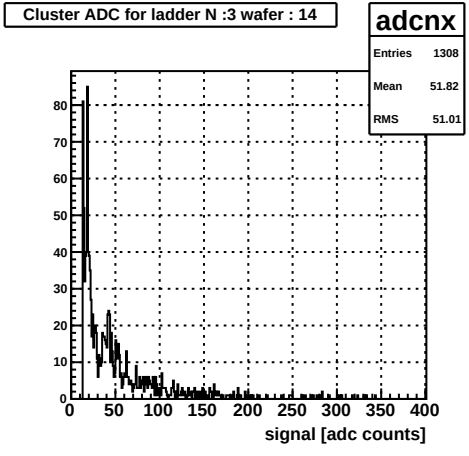

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1261
Mean 43.52
RMS 50.89
signal [adc counts]

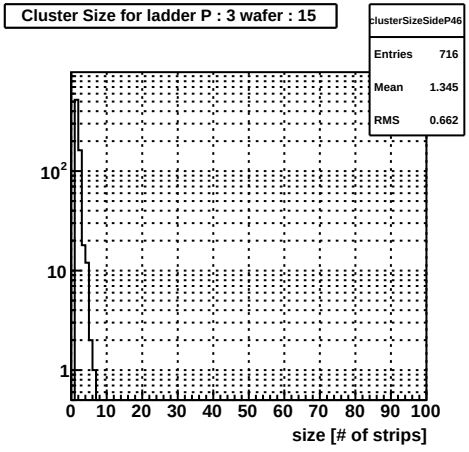

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3266
Mean 1.258
RMS 0.5705
size [# of strips]

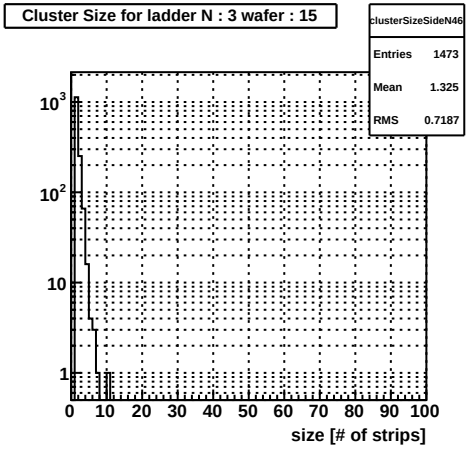

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1308
Mean 1.453
RMS 0.7368
size [# of strips]

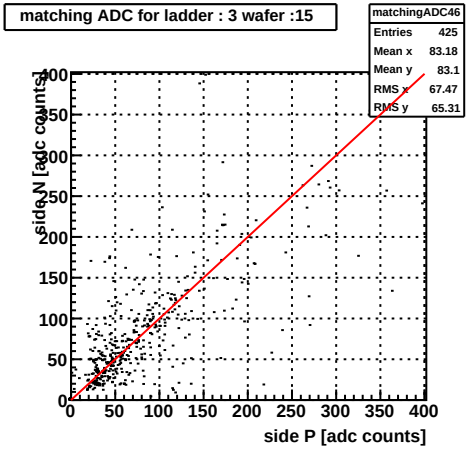

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 347
Mean x 84.64
Mean y 82.67
RMS x 62.94
RMS y 62.6
side N [adc counts]
side P [adc counts]

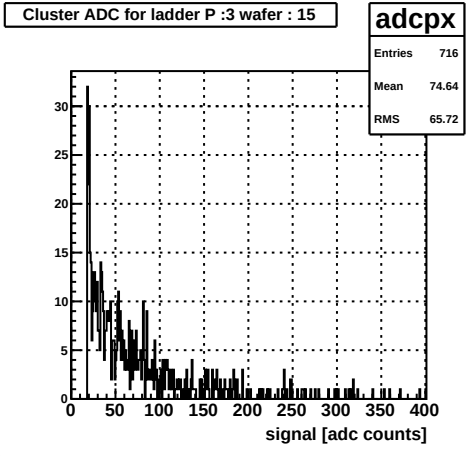

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3266
Mean 37.46
RMS 37.03
signal [adc counts]

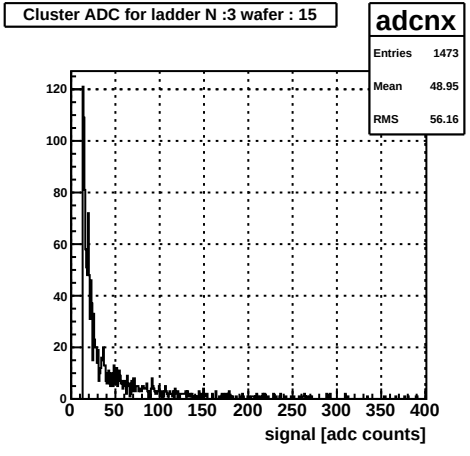

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1308
Mean 51.82
RMS 51.01
signal [adc counts]

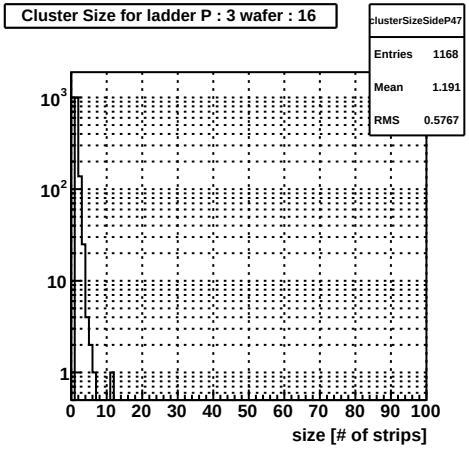

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 716
Mean 1.345
RMS 0.662
size [# of strips]

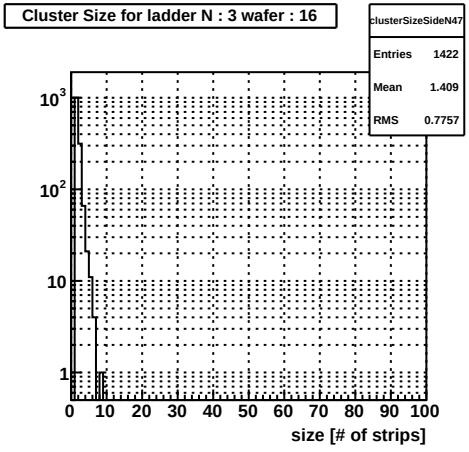

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1473
Mean 1.325
RMS 0.7187
size [# of strips]

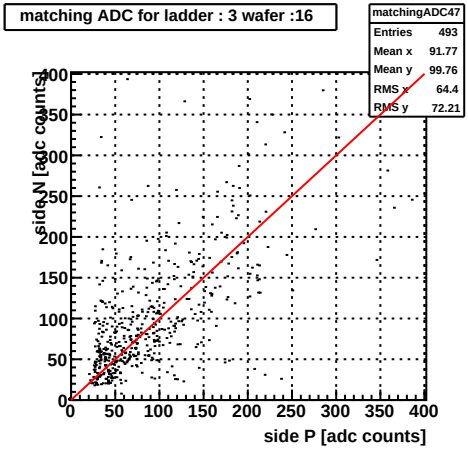

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 425
Mean x 83.18
Mean y 83.1
RMS x 67.47
RMS y 65.31
side N [adc counts]
side P [adc counts]

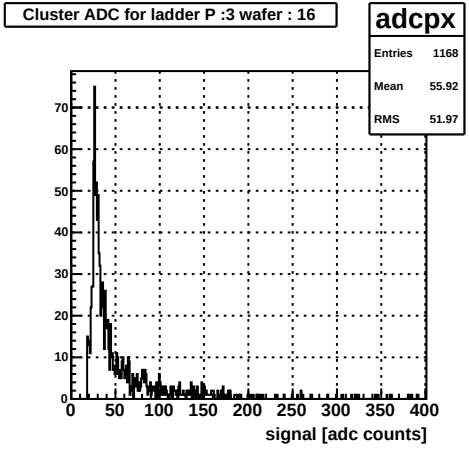

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 716
Mean 74.64
RMS 65.72
signal [adc counts]

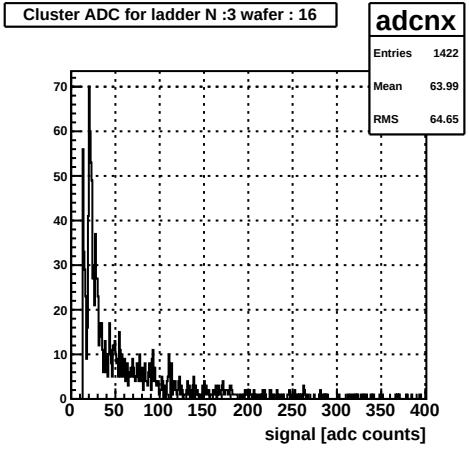

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1473
Mean 48.95
RMS 56.16
signal [adc counts]

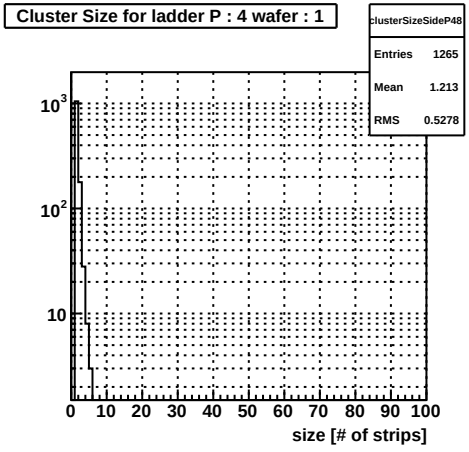

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1168
Mean 1.191
RMS 0.5767
size [# of strips]

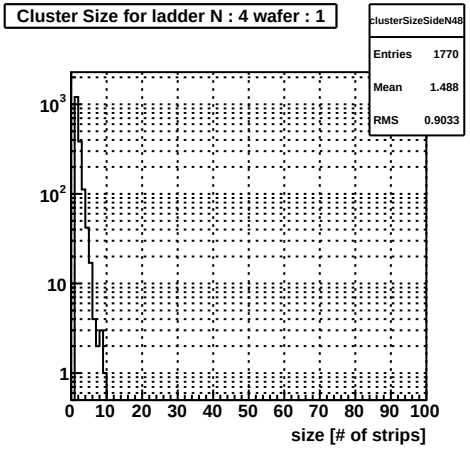

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1422
Mean 1.409
RMS 0.7757
size [# of strips]

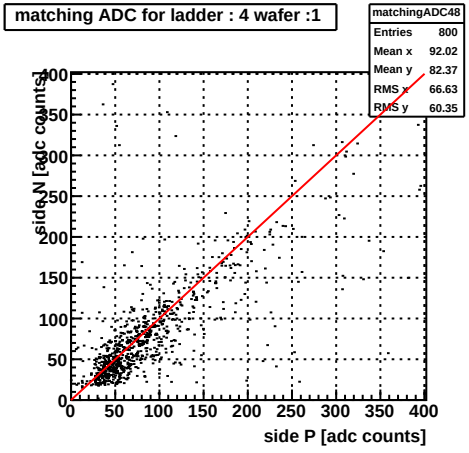

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 493
Mean x 91.77
Mean y 99.76
RMS x 64.4
RMS y 72.21
side N [adc counts]
side P [adc counts]

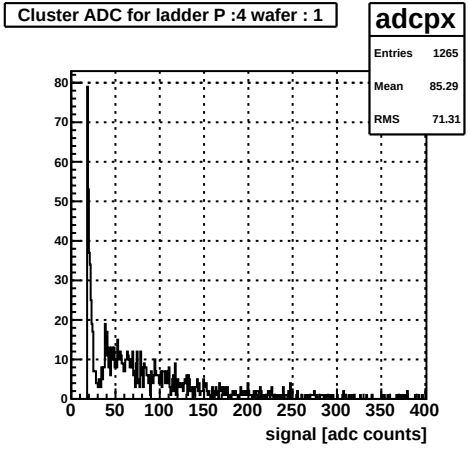

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1168
Mean 55.92
RMS 51.97
signal [adc counts]

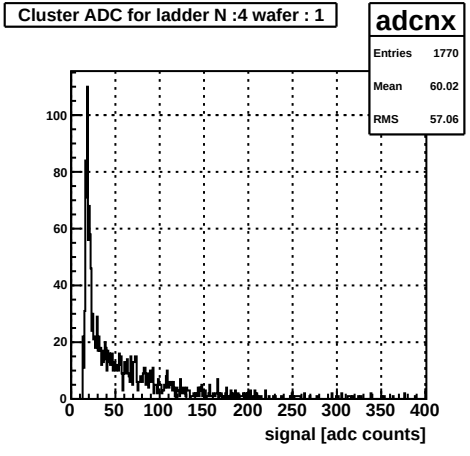

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1422
Mean 63.99
RMS 64.65
signal [adc counts]

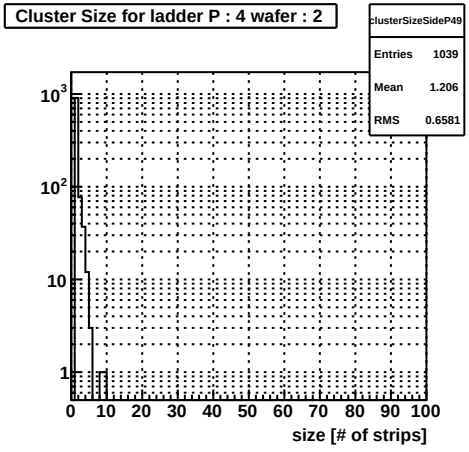

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1265
Mean 1.213
RMS 0.5278
size [# of strips]

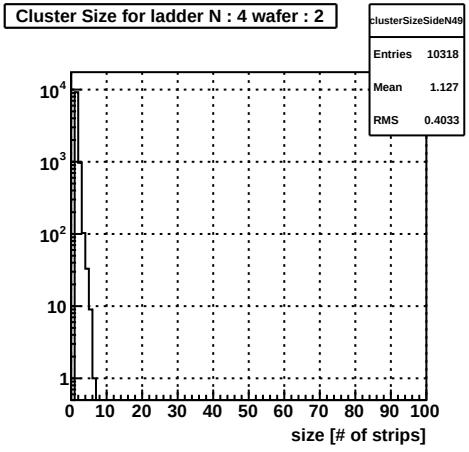

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1770
Mean 1.488
RMS 0.9033
size [# of strips]

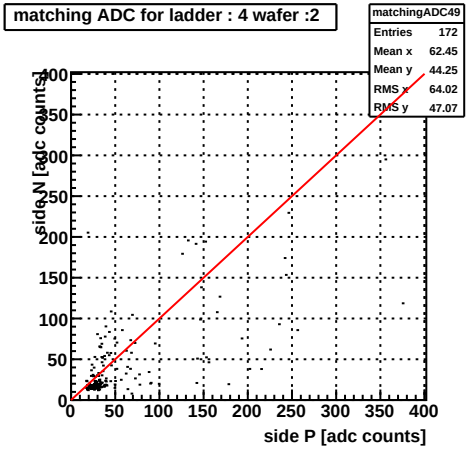

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 800
Mean x 92.02
Mean y 82.37
RMS x 66.63
RMS y 60.35
side N [adc counts]
side P [adc counts]

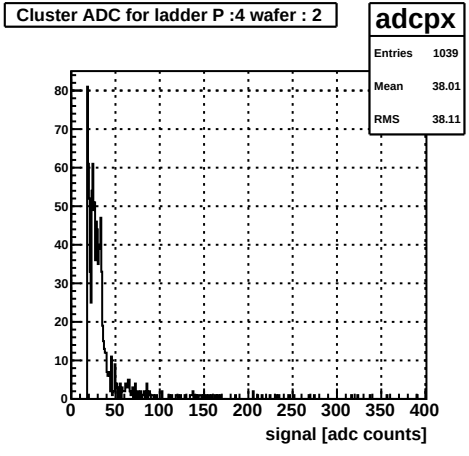

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1265
Mean 85.29
RMS 71.31
signal [adc counts]

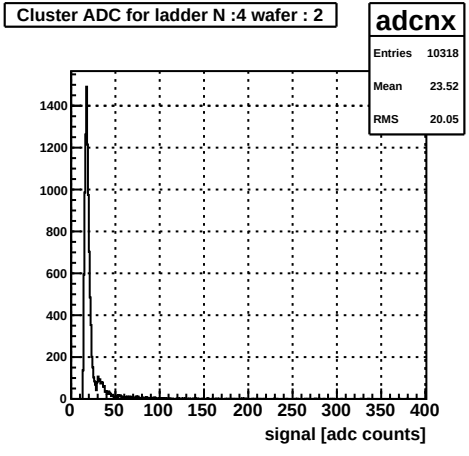

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1770
Mean 60.02
RMS 57.06
signal [adc counts]

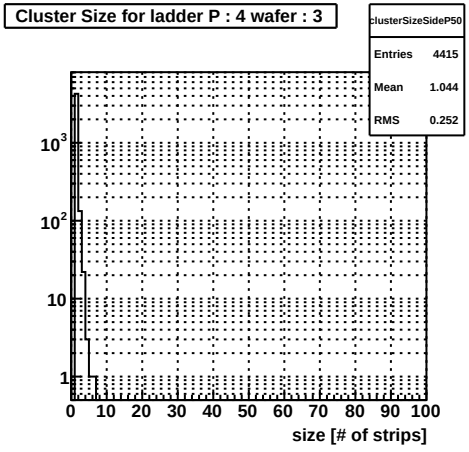

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 1039
Mean 1.206
RMS 0.6581
size [# of strips]

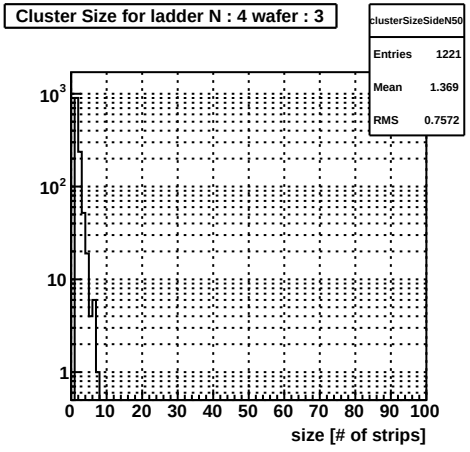

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 10318
Mean 1.127
RMS 0.4033
size [# of strips]

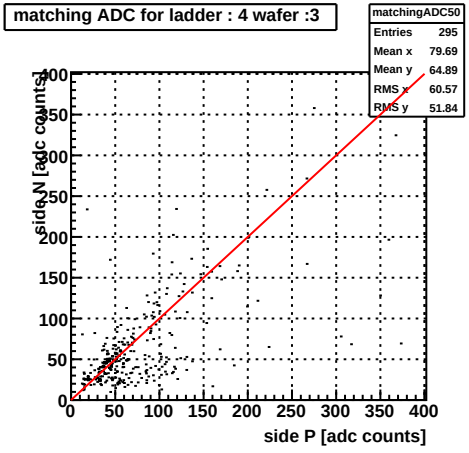

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 172
Mean x 62.45
Mean y 44.25
RMS x 64.02
RMS y 47.07
side N [adc counts]
side P [adc counts]

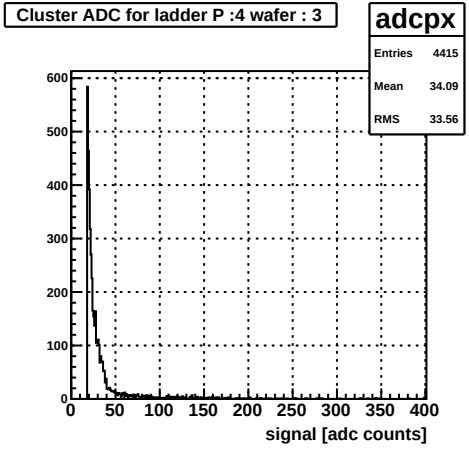

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 1039
Mean 38.01
RMS 38.11
signal [adc counts]

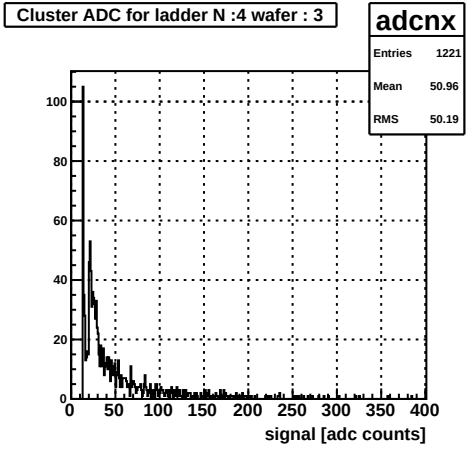

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 10318
Mean 23.52
RMS 20.05
signal [adc counts]

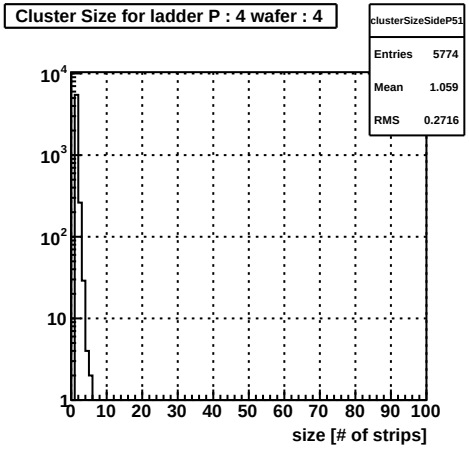

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 4415
Mean 1.044
RMS 0.252
size [# of strips]

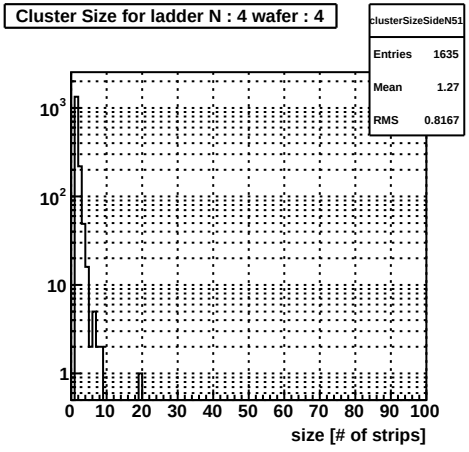

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 1221
Mean 1.369
RMS 0.7572
size [# of strips]

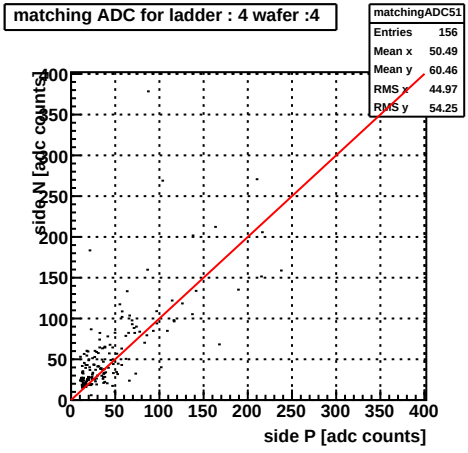

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 295
Mean x 79.69
Mean y 64.89
RMS x 60.57
RMS y 51.84
side N [adc counts]
side P [adc counts]

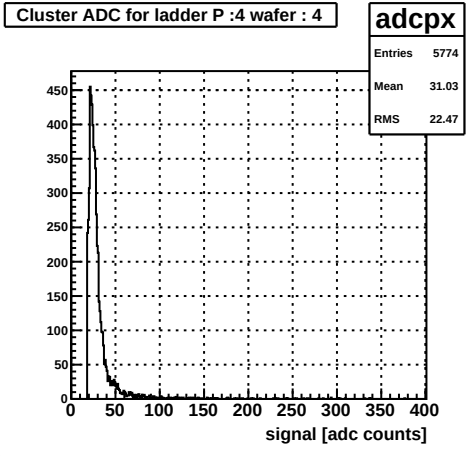

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 4415
Mean 34.09
RMS 33.56
signal [adc counts]

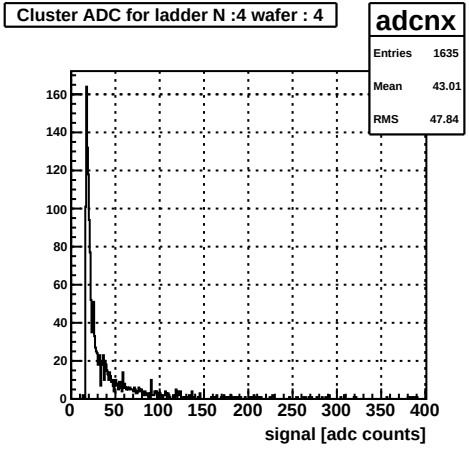

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 1221
Mean 50.96
RMS 50.19
signal [adc counts]

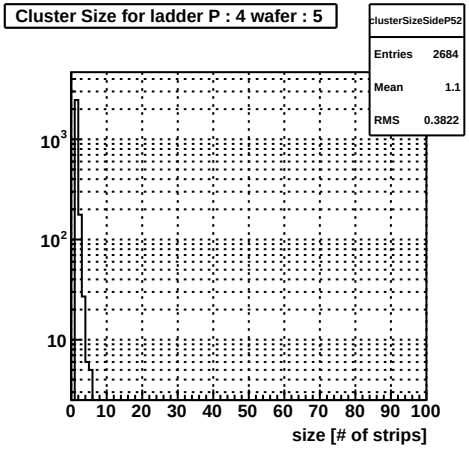

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 5774
Mean 1.059
RMS 0.2716
size [# of strips]

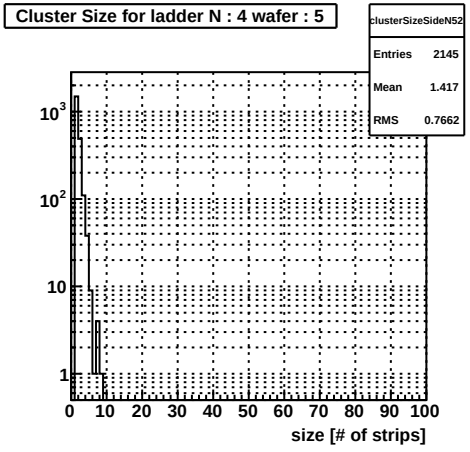

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 1635
Mean 1.27
RMS 0.8167
size [# of strips]

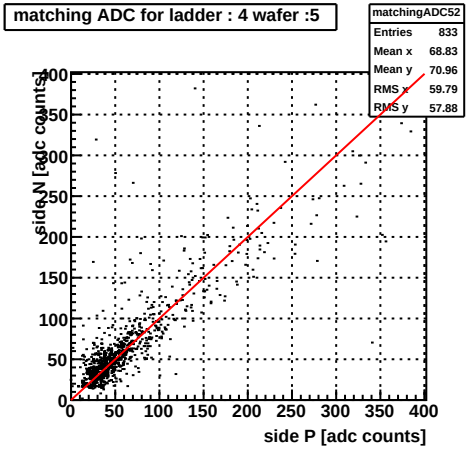

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 156
Mean x 50.49
Mean y 60.46
RMS x 44.97
RMS y 54.25
side N [adc counts]
side P [adc counts]

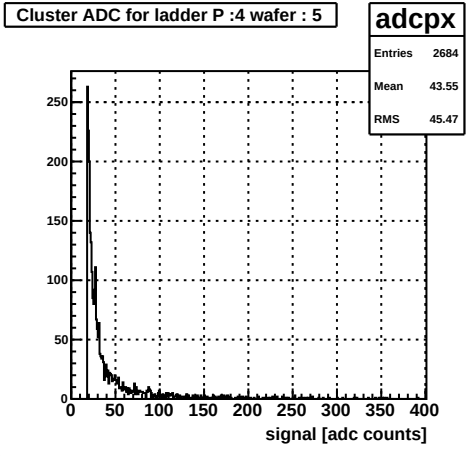

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 5774
Mean 31.03
RMS 22.47
signal [adc counts]

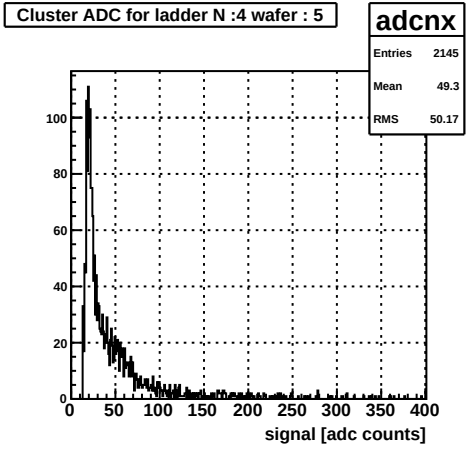

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 1635
Mean 43.01
RMS 47.84
signal [adc counts]

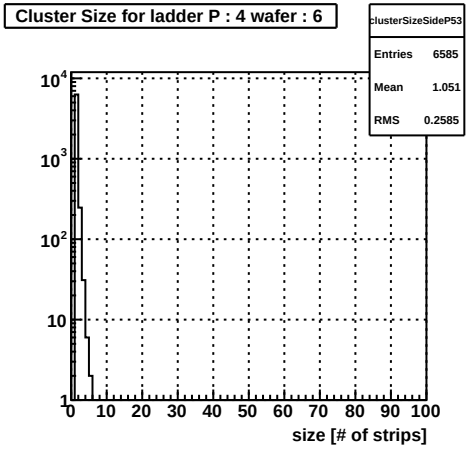

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 2684
Mean 1.1
RMS 0.3822
size [# of strips]

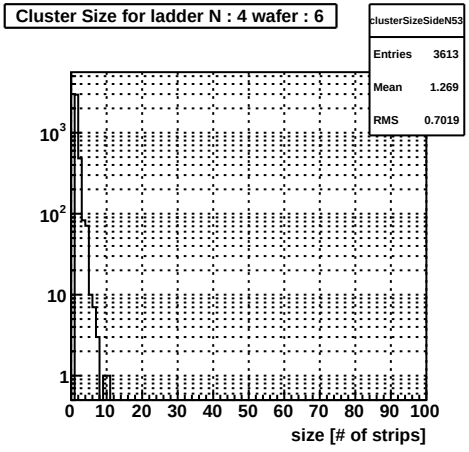

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2145
Mean 1.417
RMS 0.7662
size [# of strips]

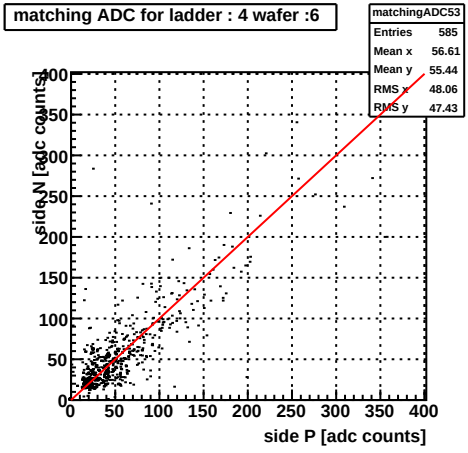

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 833
Mean x 68.83
Mean y 70.96
RMS x 59.79
RMS y 57.88
side N [adc counts]
side P [adc counts]

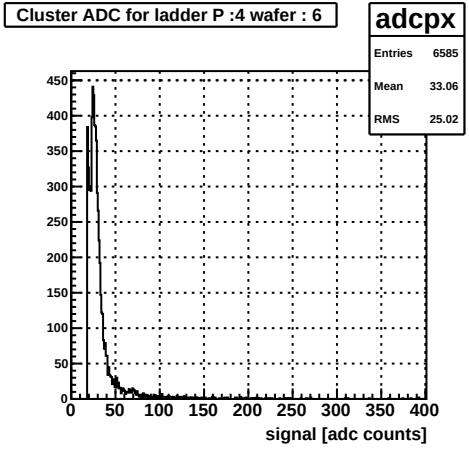

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 2684
Mean 43.55
RMS 45.47
signal [adc counts]

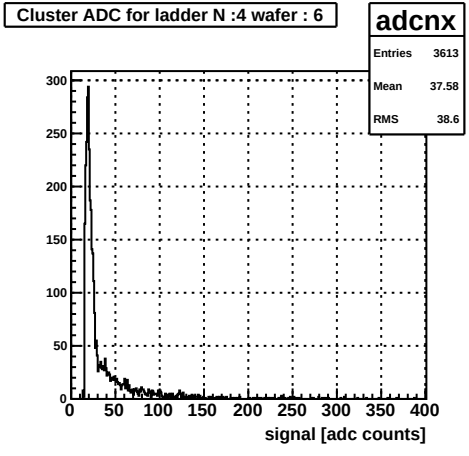

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2145
Mean 49.3
RMS 50.17
signal [adc counts]

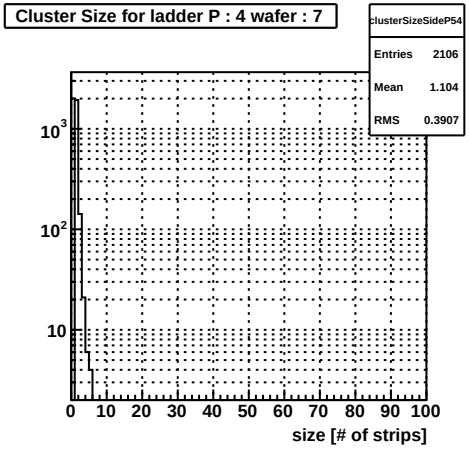

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 6585
Mean 1.051
RMS 0.2585
size [# of strips]

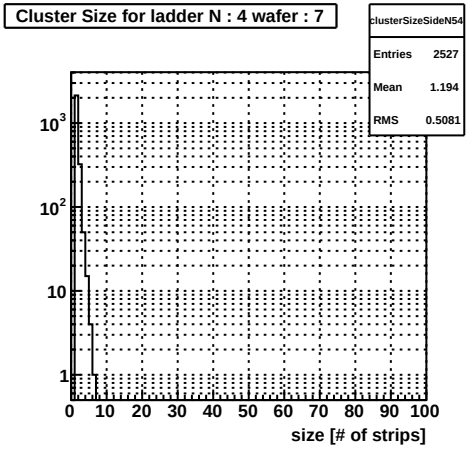

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 3613
Mean 1.269
RMS 0.7019
size [# of strips]

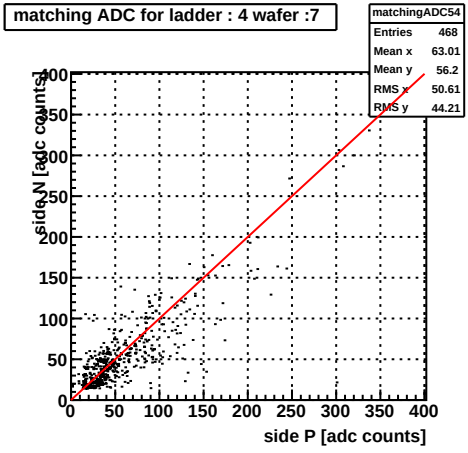

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 585
Mean x 56.61
Mean y 55.44
RMS x 48.06
RMS y 47.43
side N [adc counts]
side P [adc counts]

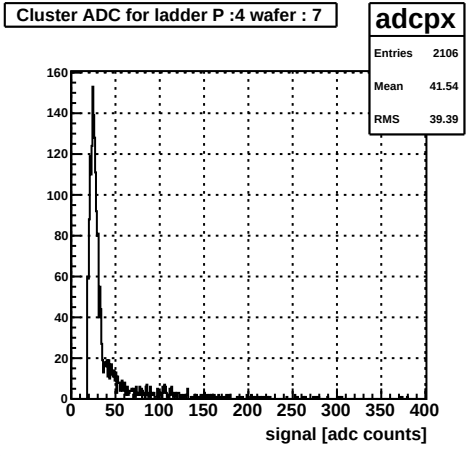

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 6585
Mean 33.06
RMS 25.02
signal [adc counts]

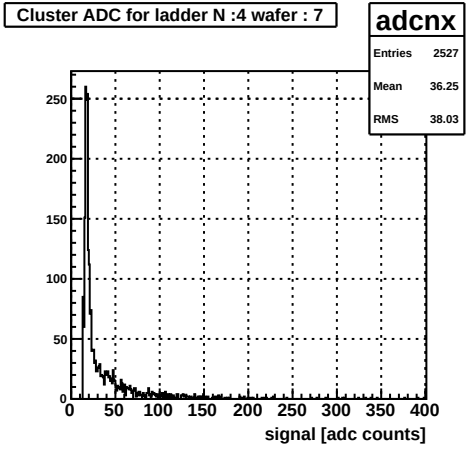

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 3613
Mean 37.58
RMS 38.6
signal [adc counts]

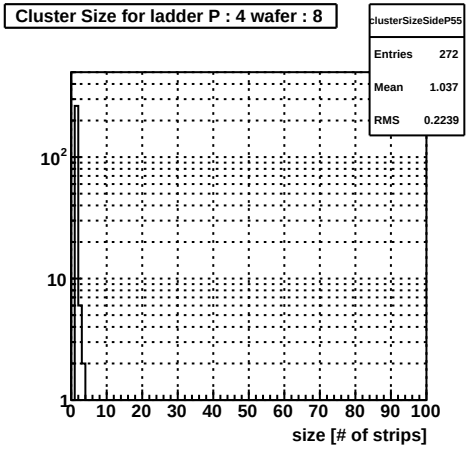

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 2106
Mean 1.104
RMS 0.3907
size [# of strips]

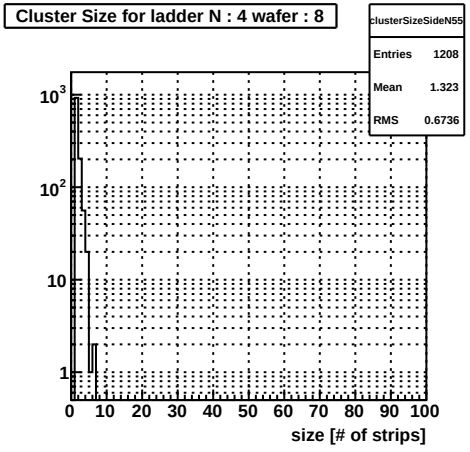

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 2527
Mean 1.194
RMS 0.5081
size [# of strips]

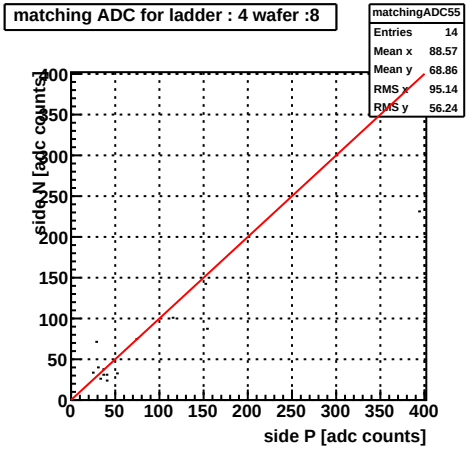

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 468
Mean x 63.01
Mean y 56.2
RMS x 50.61
RMS y 44.21
side N [adc counts]
side P [adc counts]

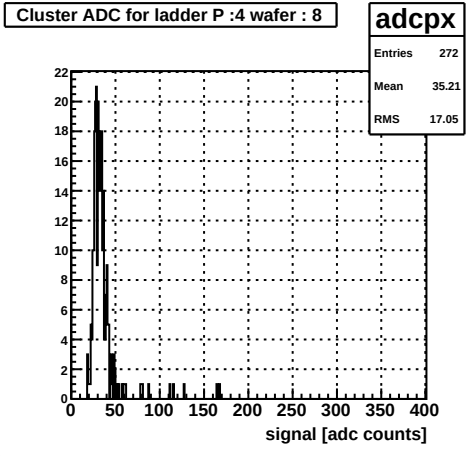

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 2106
Mean 41.54
RMS 39.39
signal [adc counts]

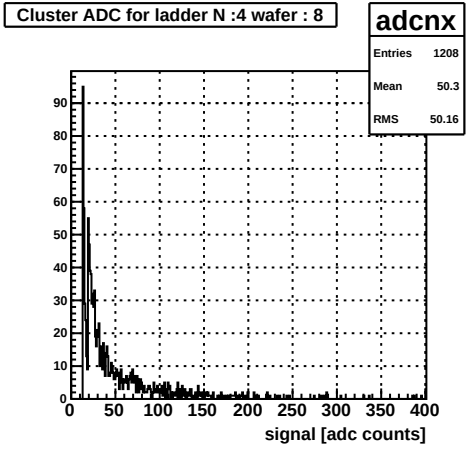

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 2527
Mean 36.25
RMS 38.03
signal [adc counts]

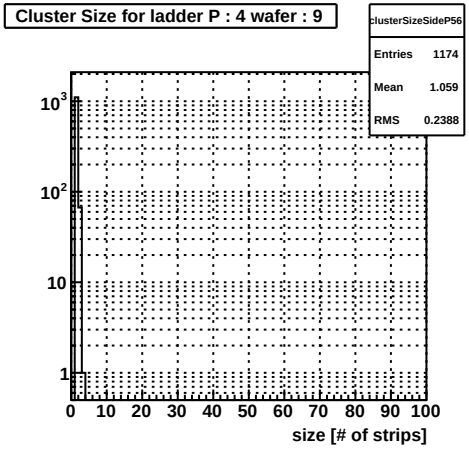

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 272
Mean 1.037
RMS 0.2239
size [# of strips]

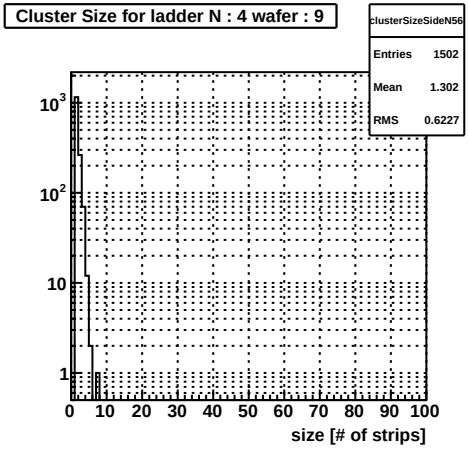

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1208
Mean 1.323
RMS 0.6736
size [# of strips]

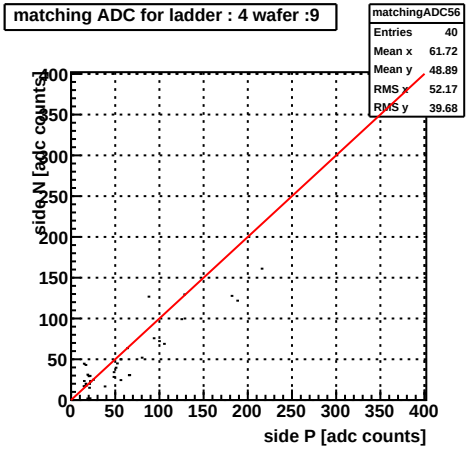

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 14
Mean x 88.57
Mean y 68.86
RMS x 95.14
RMS y 56.24
side N [adc counts]
side P [adc counts]

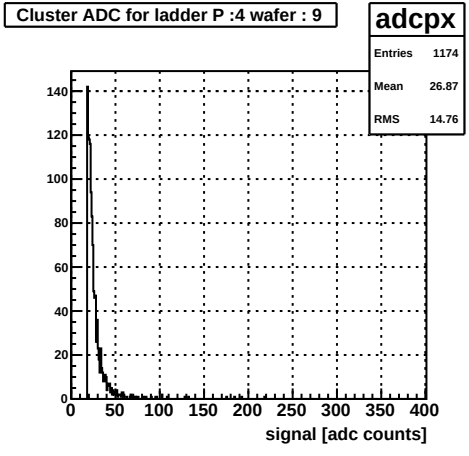

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 272
Mean 35.21
RMS 17.05
signal [adc counts]

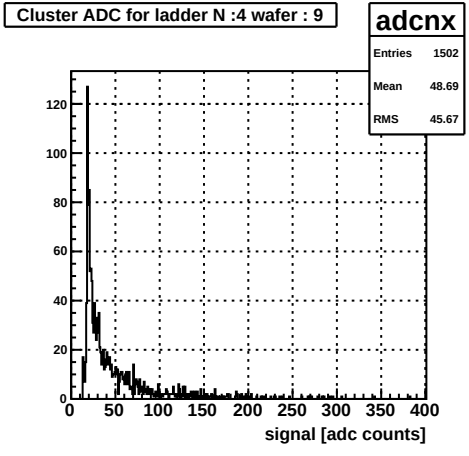

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1208
Mean 50.3
RMS 50.16
signal [adc counts]

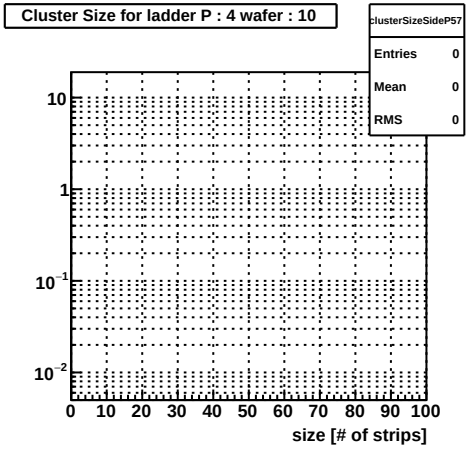

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1174
Mean 1.059
RMS 0.2388
size [# of strips]

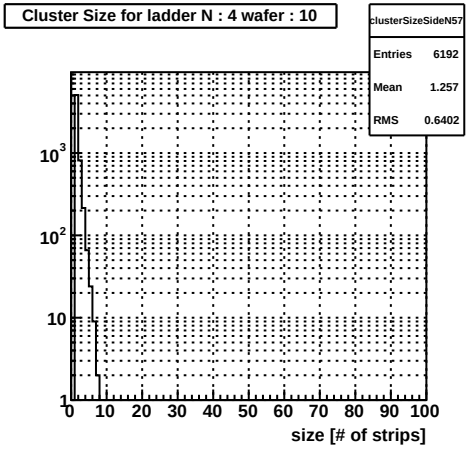

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1502
Mean 1.302
RMS 0.6227
size [# of strips]

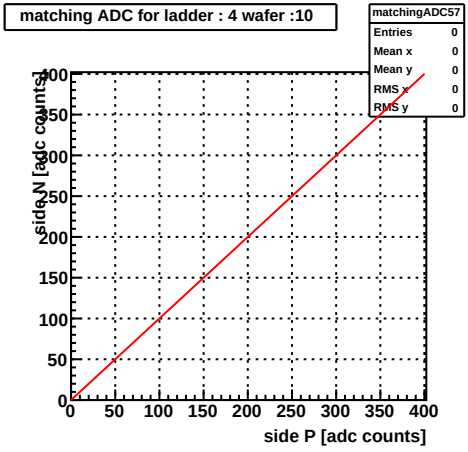

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 40
Mean x 61.72
Mean y 48.89
RMS x 52.17
RMS y 39.68
side N [adc counts]
side P [adc counts]

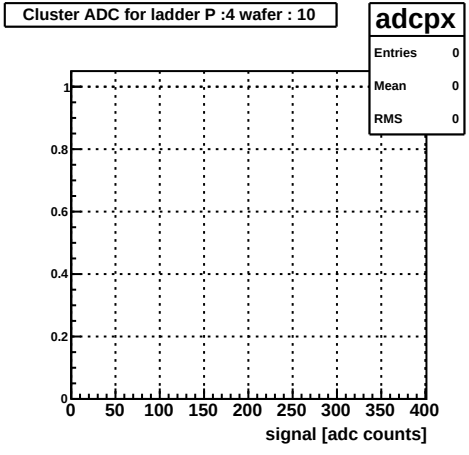

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1174
Mean 26.87
RMS 14.76
signal [adc counts]

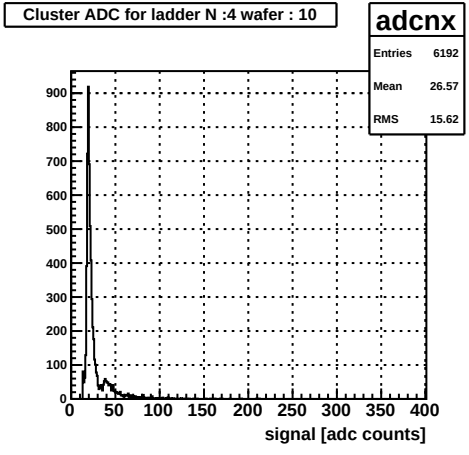

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1502
Mean 48.69
RMS 45.67
signal [adc counts]

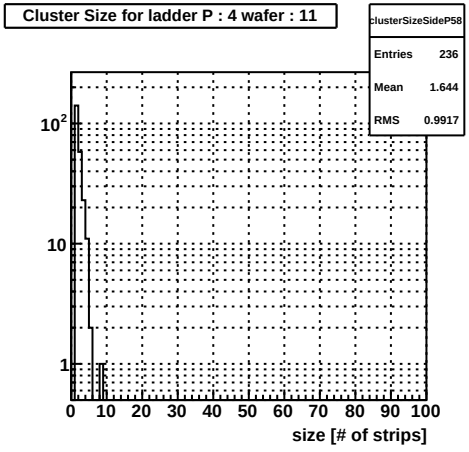

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

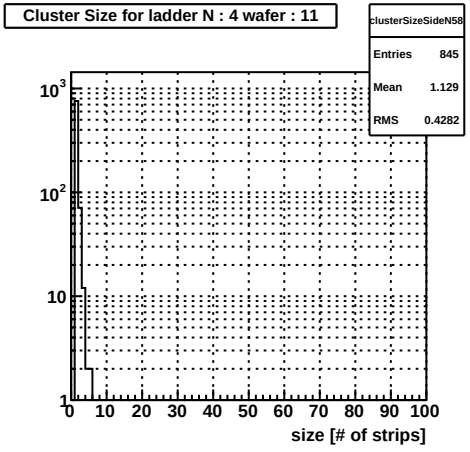

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 6192
Mean 1.257
RMS 0.6402
size [# of strips]

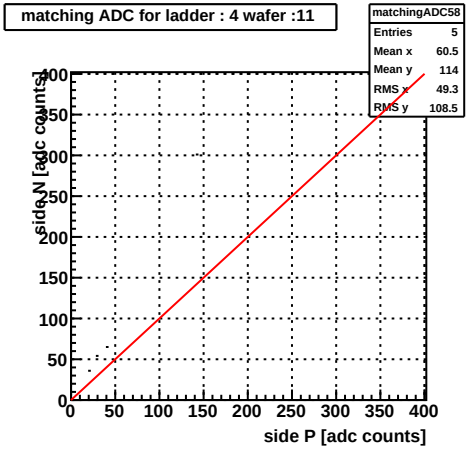

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

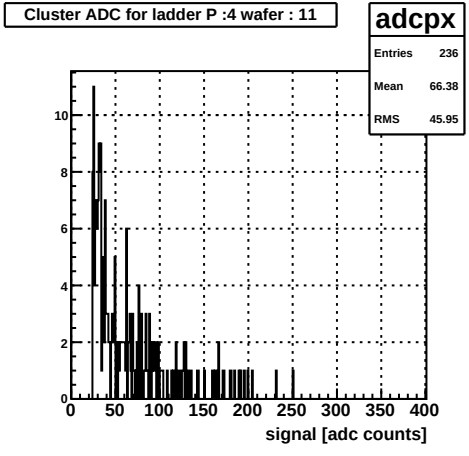

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

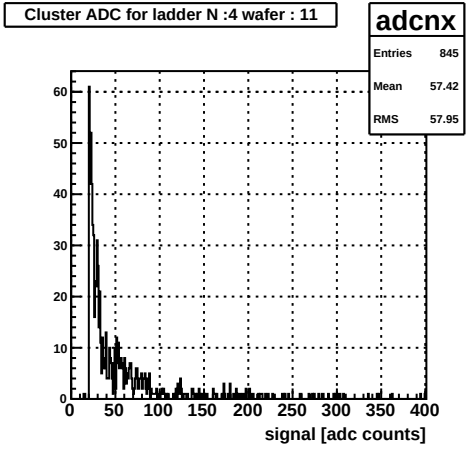

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 6192
Mean 26.57
RMS 15.62
signal [adc counts]

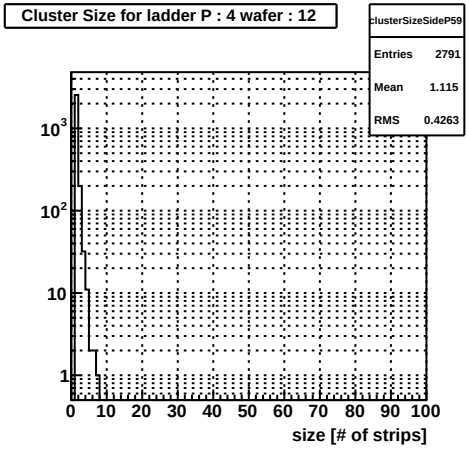

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 236
Mean 1.644
RMS 0.9917
size [# of strips]

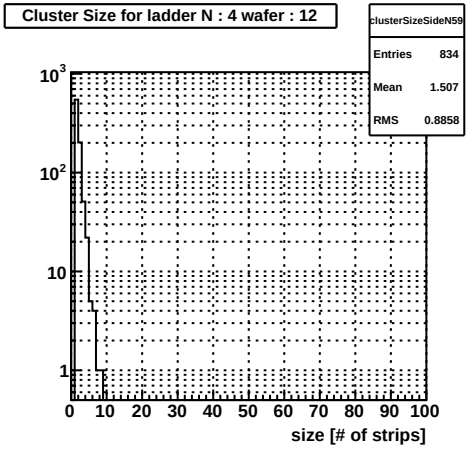

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 845
Mean 1.129
RMS 0.4282
size [# of strips]

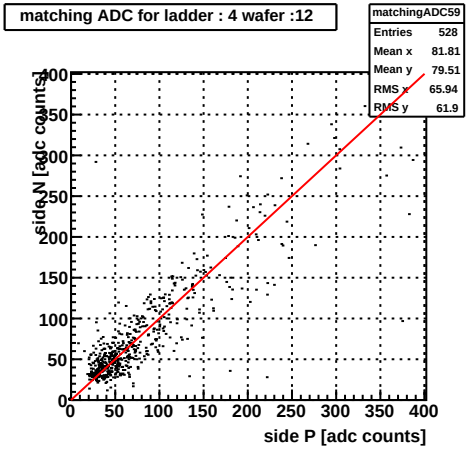

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 5
Mean x 60.5
Mean y 114
RMS x 49.3
RMS y 108.5
side N [adc counts]
side P [adc counts]

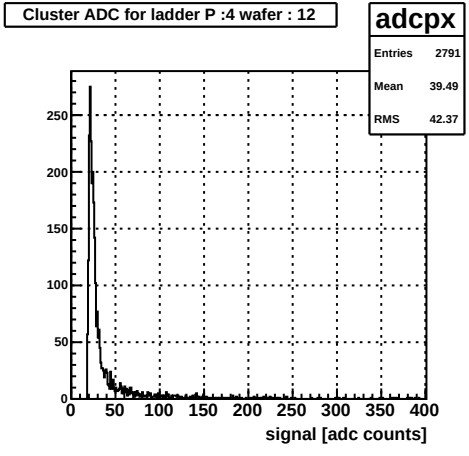

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 236
Mean 66.38
RMS 45.95
signal [adc counts]

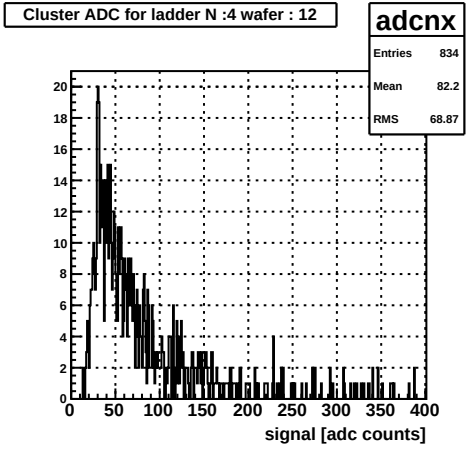

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 845
Mean 57.42
RMS 57.95
signal [adc counts]

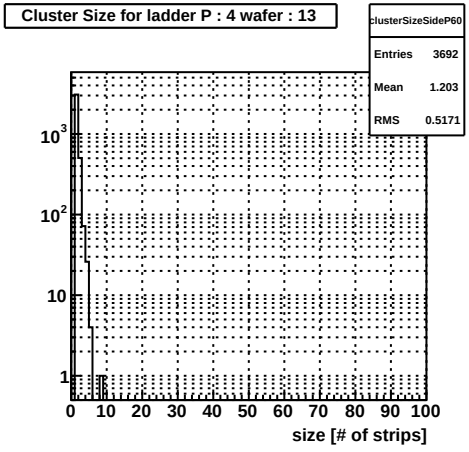

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 2791
Mean 1.115
RMS 0.4263
size [# of strips]

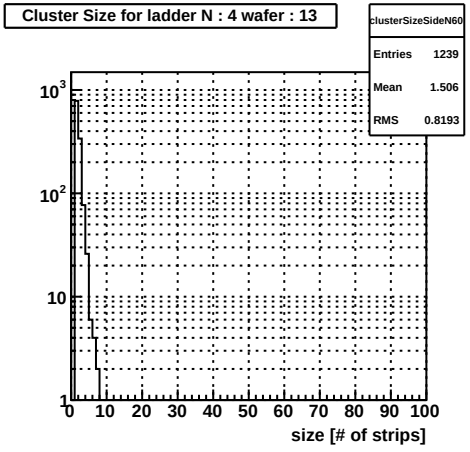

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 834
Mean 1.507
RMS 0.8858
size [# of strips]

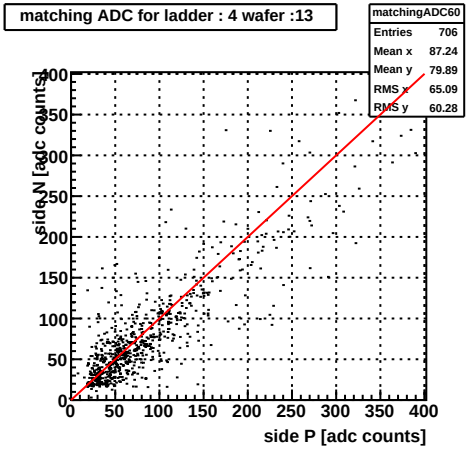

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 528
Mean x 81.81
Mean y 79.51
RMS x 65.94
RMS y 61.9
side N [adc counts]
side P [adc counts]

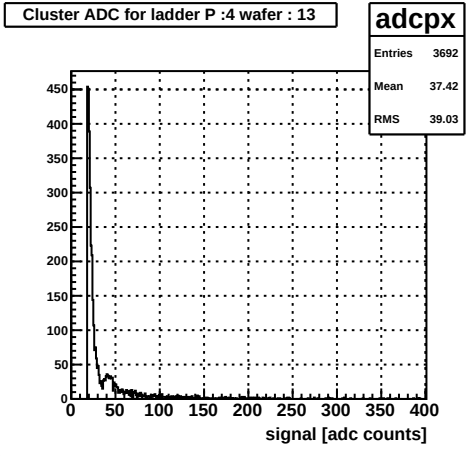

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 2791
Mean 39.49
RMS 42.37
signal [adc counts]

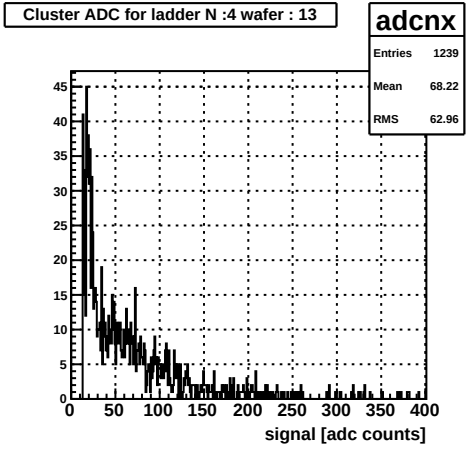

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 834
Mean 82.2
RMS 68.87
signal [adc counts]

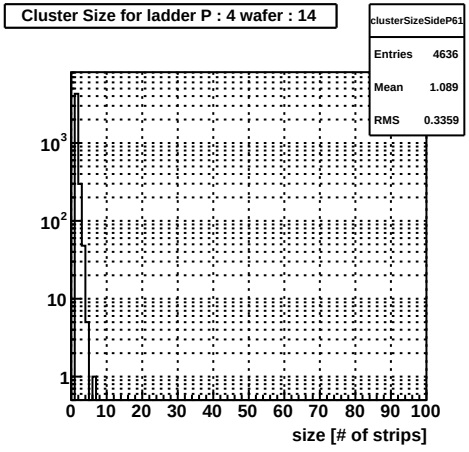

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 3692
Mean 1.203
RMS 0.5171
size [# of strips]

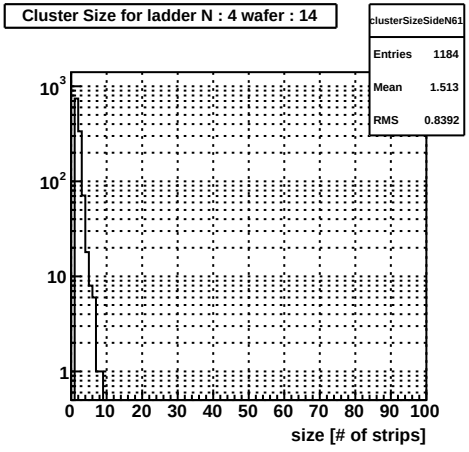

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1239
Mean 1.506
RMS 0.8193
size [# of strips]

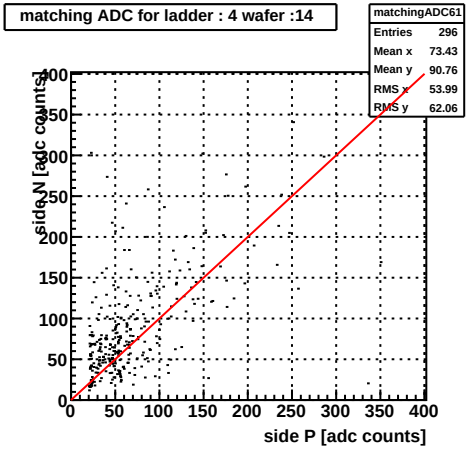

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 706
Mean x 87.24
Mean y 79.89
RMS x 65.09
RMS y 60.28
side N [adc counts]
side P [adc counts]

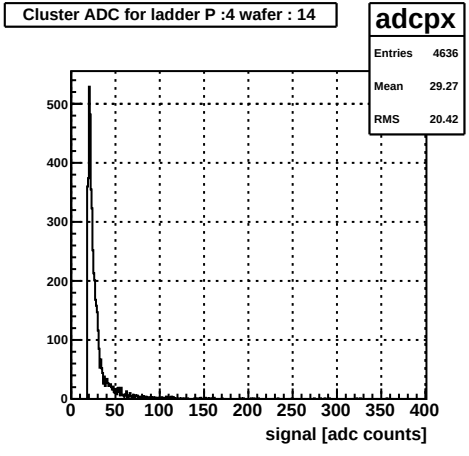

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 3692
Mean 37.42
RMS 39.03
signal [adc counts]

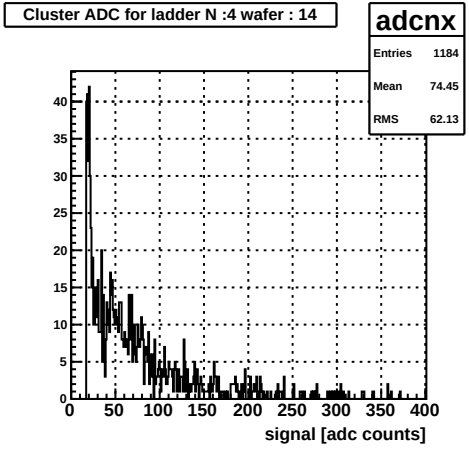

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1239
Mean 68.22
RMS 62.96
signal [adc counts]

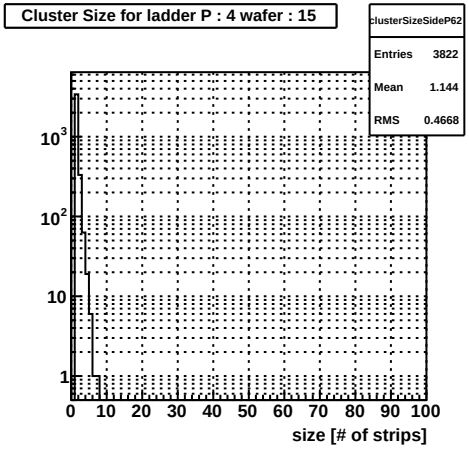

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 4636
Mean 1.089
RMS 0.3359
size [# of strips]

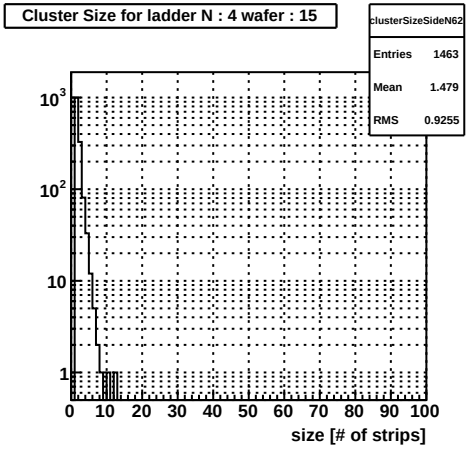

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1184
Mean 1.513
RMS 0.8392
size [# of strips]

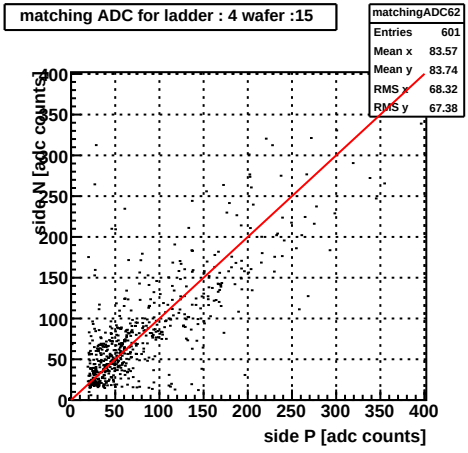

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 296
Mean x 73.43
Mean y 90.76
RMS x 53.99
RMS y 62.06
side N [adc counts]
side P [adc counts]

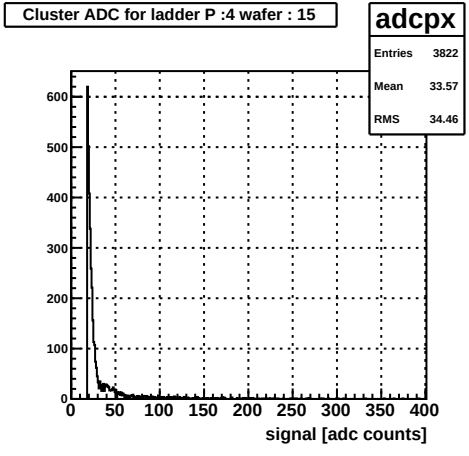

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 4636
Mean 29.27
RMS 20.42
signal [adc counts]

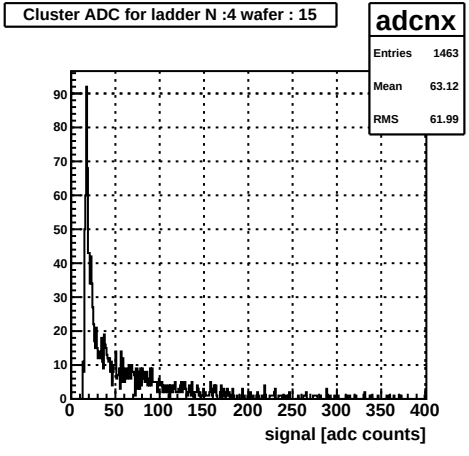

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1184
Mean 74.45
RMS 62.13
signal [adc counts]

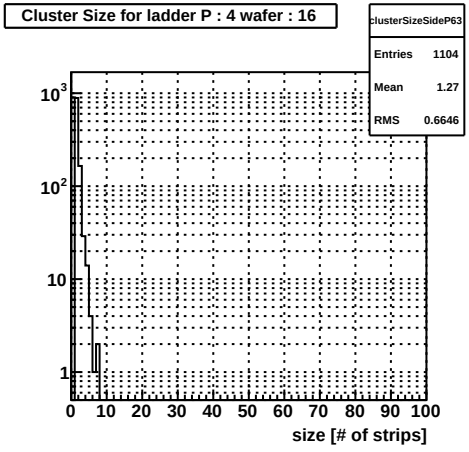

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 3822
Mean 1.144
RMS 0.4668
size [# of strips]

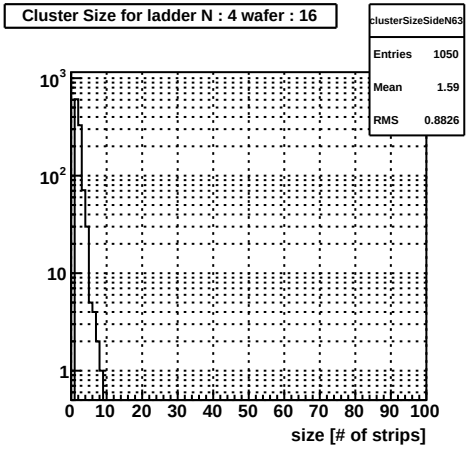

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1463
Mean 1.479
RMS 0.9255
size [# of strips]

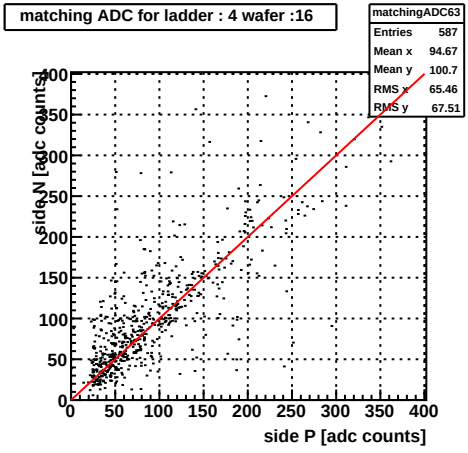

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 601
Mean x 83.57
Mean y 83.74
RMS x 68.32
RMS y 67.38
side N [adc counts]
side P [adc counts]

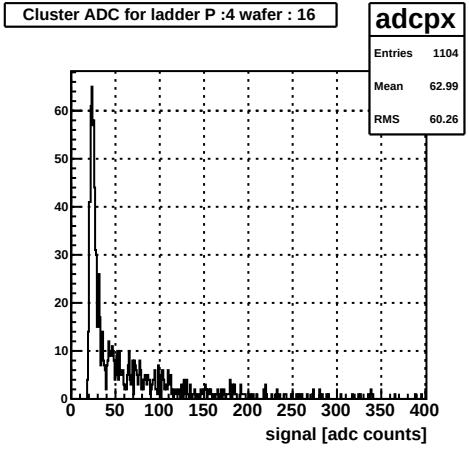

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 3822
Mean 33.57
RMS 34.46
signal [adc counts]

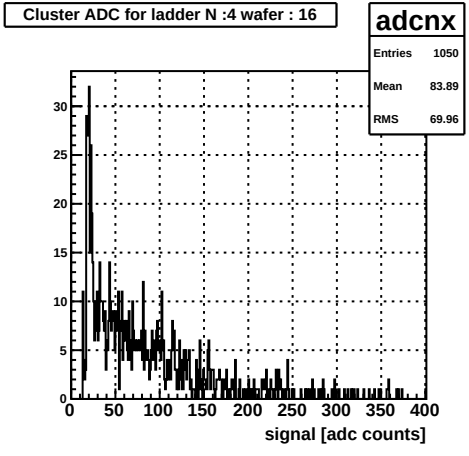

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1463
Mean 63.12
RMS 61.99
signal [adc counts]

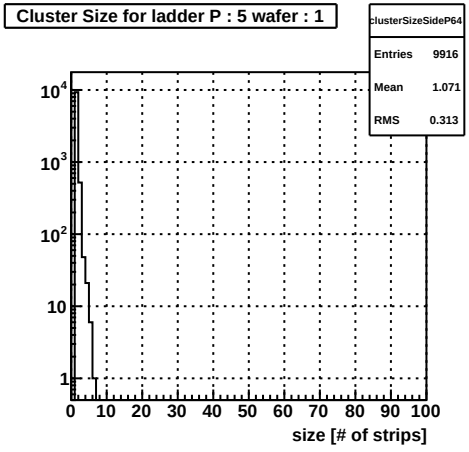

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1104
Mean 1.27
RMS 0.6646
size [# of strips]

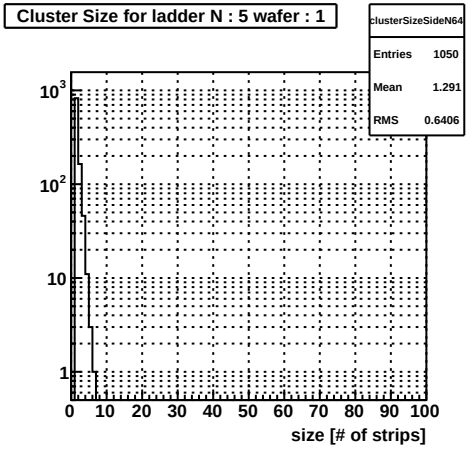

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1050
Mean 1.59
RMS 0.8826
size [# of strips]

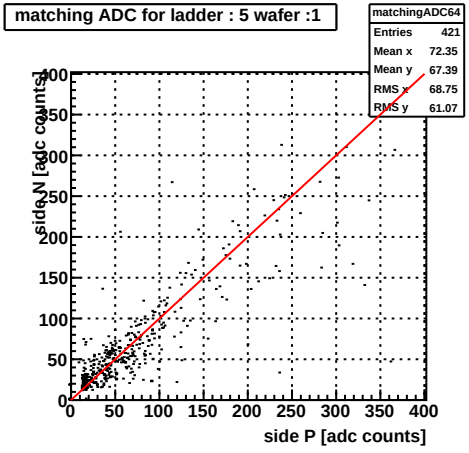

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 587
Mean x 94.67
Mean y 100.7
RMS x 65.46
RMS y 67.51
side N [adc counts]
side P [adc counts]

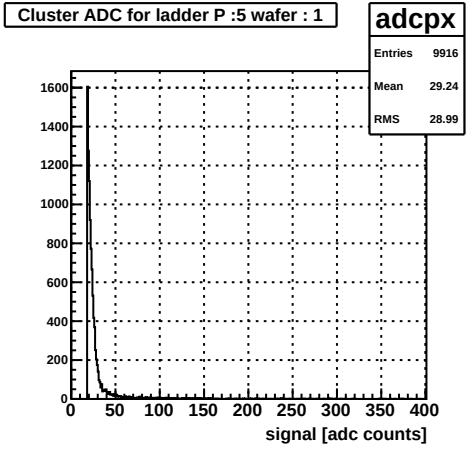

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1104
Mean 62.99
RMS 60.26
signal [adc counts]

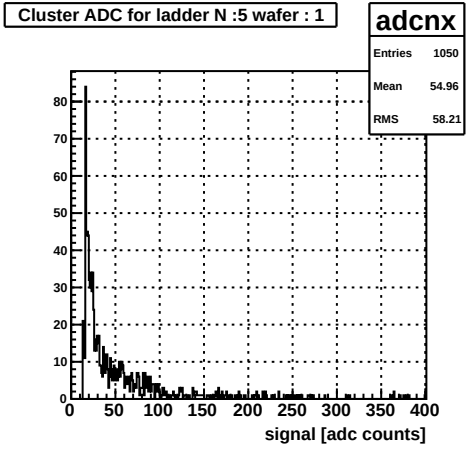

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1050
Mean 83.89
RMS 69.96
signal [adc counts]

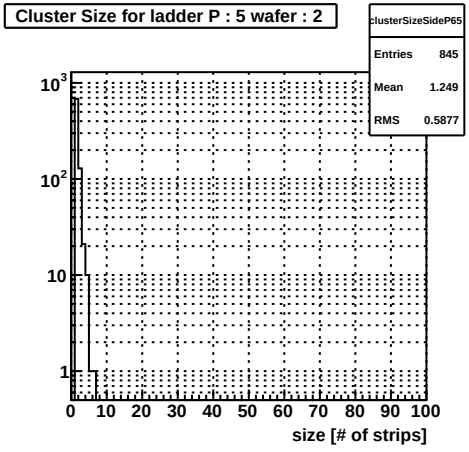

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 9916
Mean 1.071
RMS 0.313
size [# of strips]

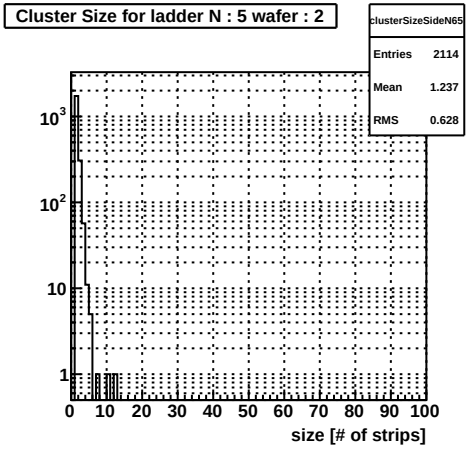

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1050
Mean 1.291
RMS 0.6406
size [# of strips]

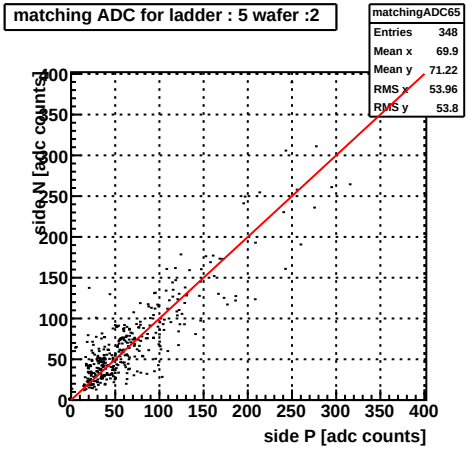

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 421
Mean x 72.35
Mean y 67.39
RMS x 68.75
RMS y 61.07
side N [adc counts]
side P [adc counts]

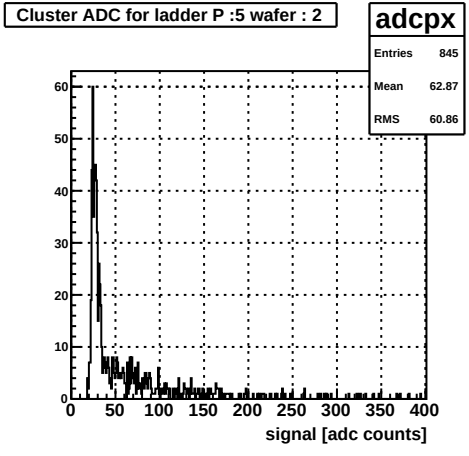

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 9916
Mean 29.24
RMS 28.99
signal [adc counts]

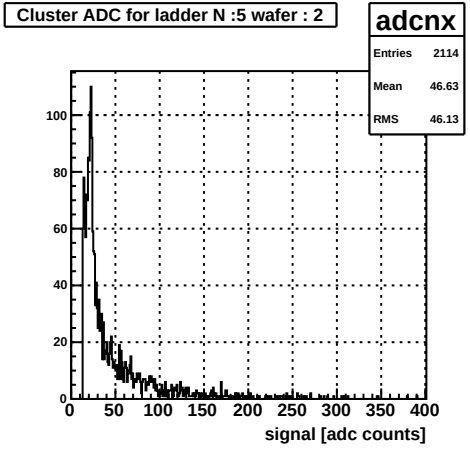

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1050
Mean 54.96
RMS 58.21
signal [adc counts]

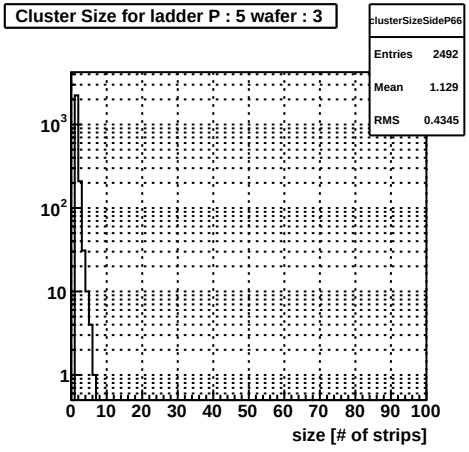

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 845
Mean 1.249
RMS 0.5877
size [# of strips]

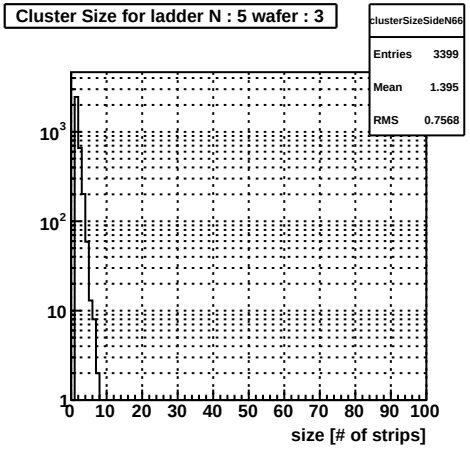

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 2114
Mean 1.237
RMS 0.628
size [# of strips]

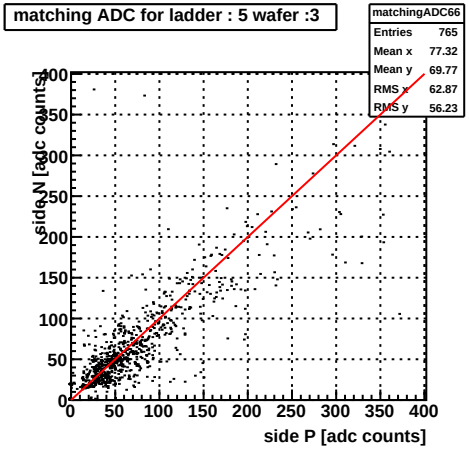

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 348
Mean x 69.9
Mean y 71.22
RMS x 53.96
RMS y 53.8
side N [adc counts]
side P [adc counts]

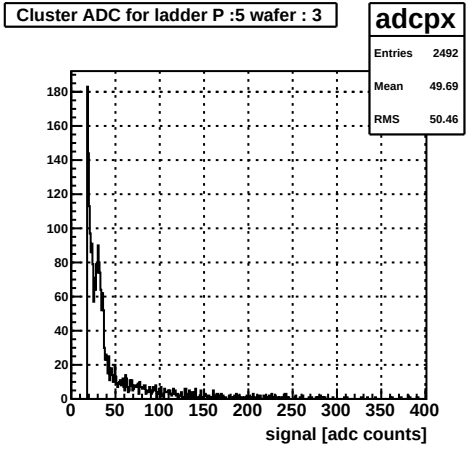

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 845
Mean 62.87
RMS 60.86
signal [adc counts]

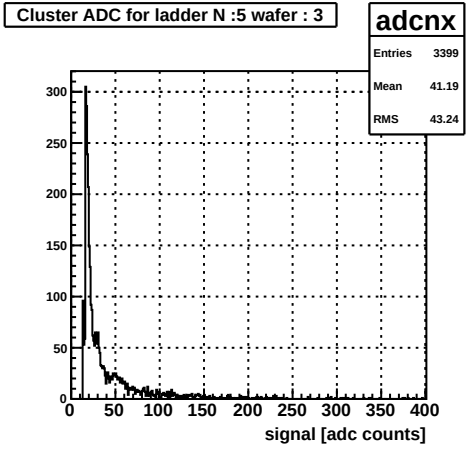

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 2114
Mean 46.63
RMS 46.13
signal [adc counts]

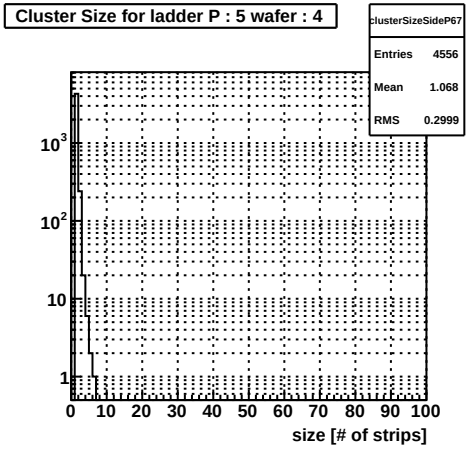

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 2492
Mean 1.129
RMS 0.4345
size [# of strips]

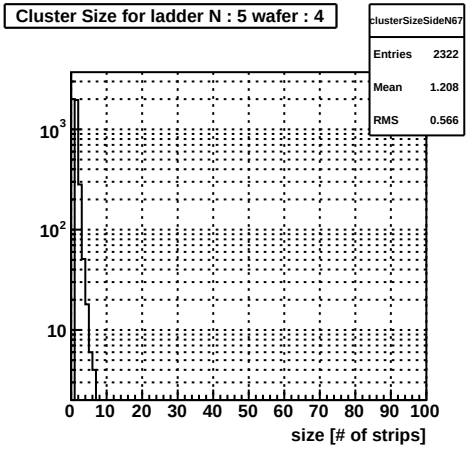

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3399
Mean 1.395
RMS 0.7568
size [# of strips]

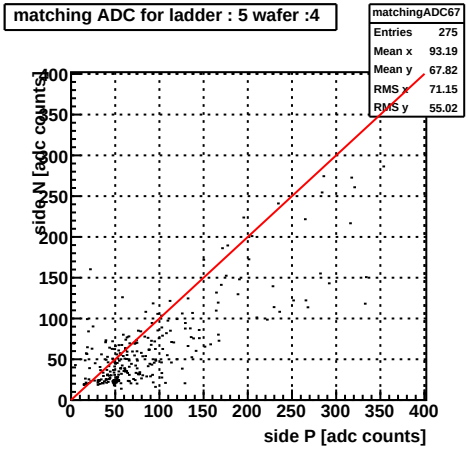

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 765
Mean x 77.32
Mean y 69.77
RMS x 62.87
RMS y 56.23
side N [adc counts]
side P [adc counts]

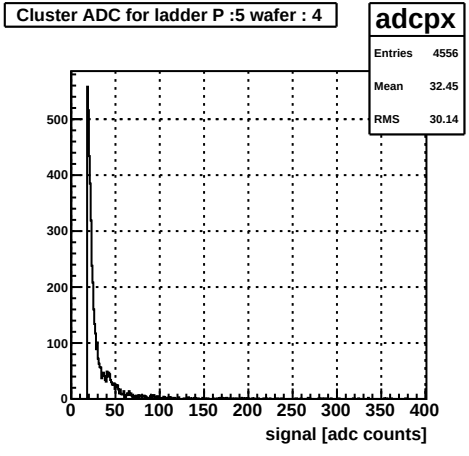

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 2492
Mean 49.69
RMS 50.46
signal [adc counts]

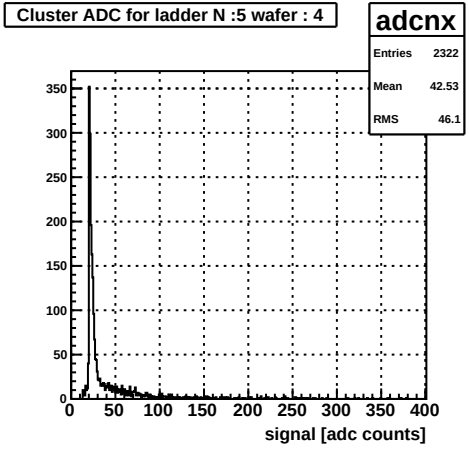

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3399
Mean 41.19
RMS 43.24
signal [adc counts]

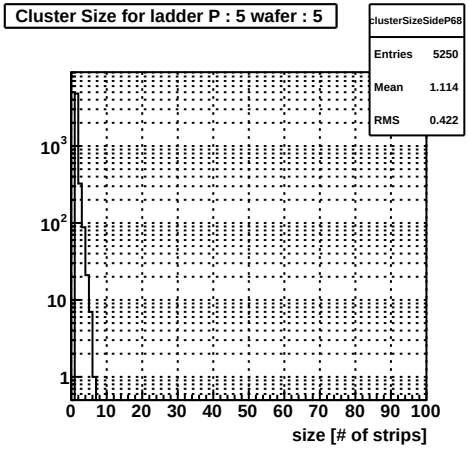

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 4556
Mean 1.068
RMS 0.2999
size [# of strips]

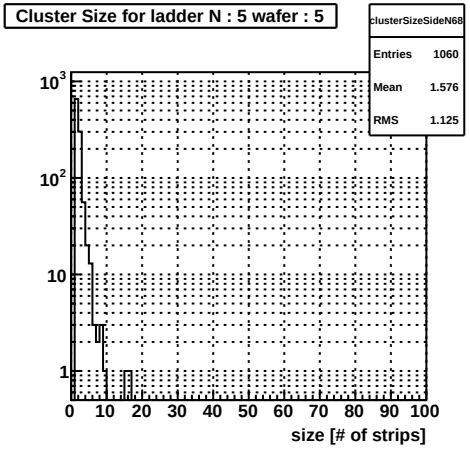

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2322
Mean 1.208
RMS 0.566
size [# of strips]

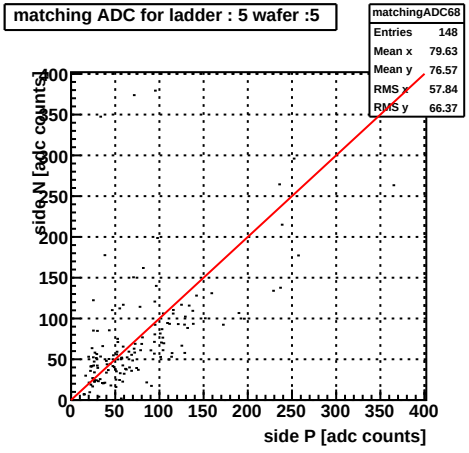

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 275
Mean x 93.19
Mean y 67.82
RMS x 71.15
RMS y 55.02
side N [adc counts]
side P [adc counts]

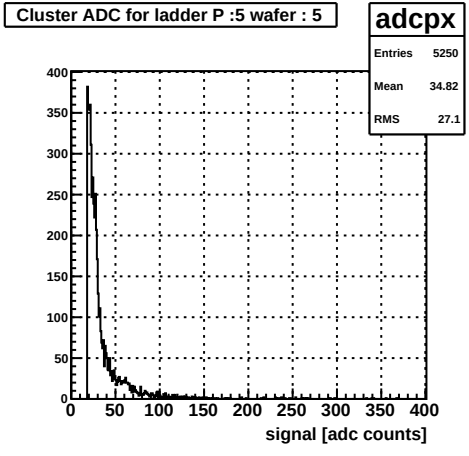

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 4556
Mean 32.45
RMS 30.14
signal [adc counts]

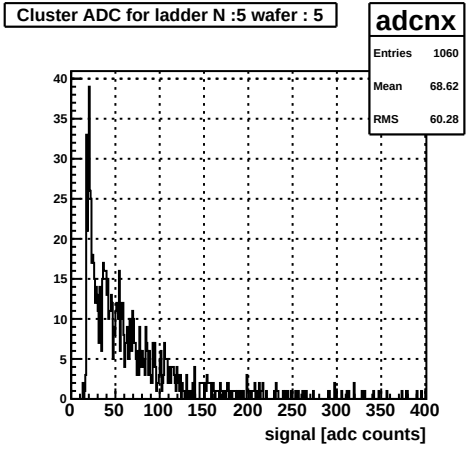

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2322
Mean 42.53
RMS 46.1
signal [adc counts]

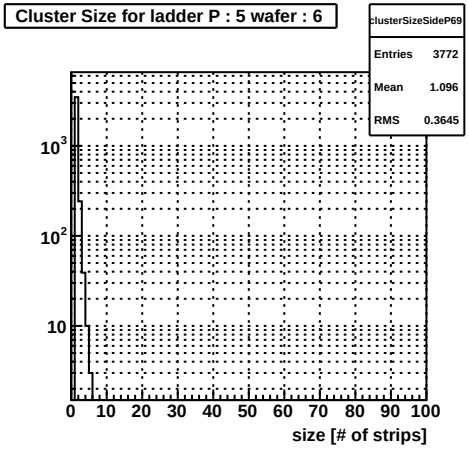

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 5250
Mean 1.114
RMS 0.422
size [# of strips]

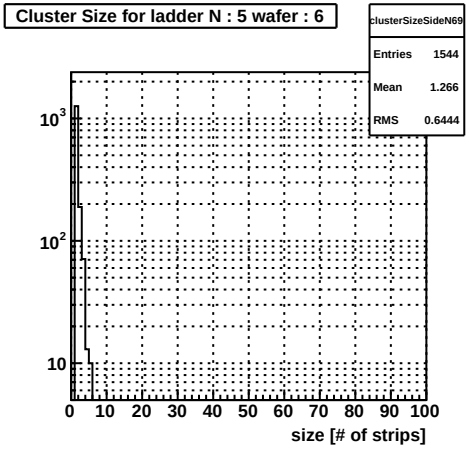

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1060
Mean 1.576
RMS 1.125
size [# of strips]

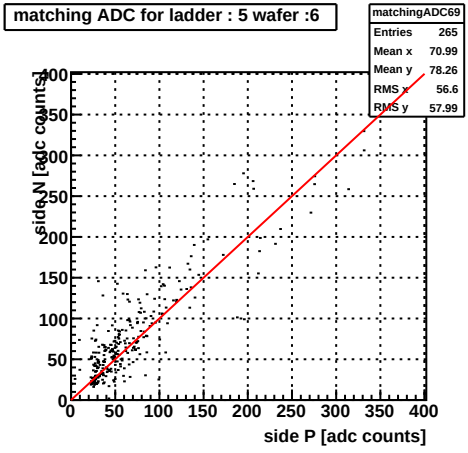

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 148
Mean x 79.63
Mean y 76.57
RMS x 57.84
RMS y 66.37
side N [adc counts]
side P [adc counts]

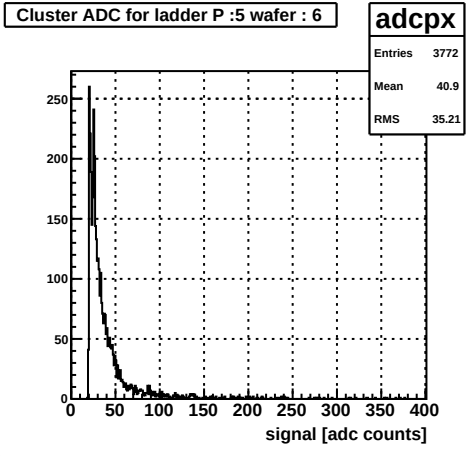

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 5250
Mean 34.82
RMS 27.1
signal [adc counts]

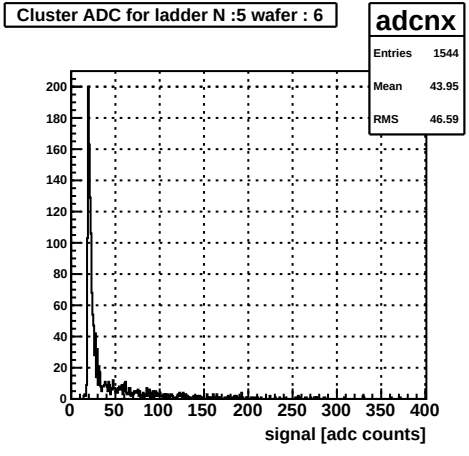

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1060
Mean 68.62
RMS 60.28
signal [adc counts]

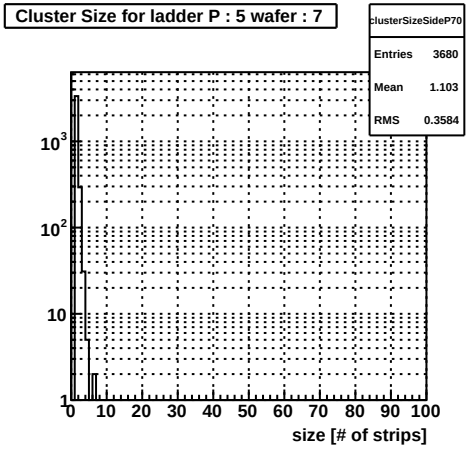

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 3772
Mean 1.096
RMS 0.3645
size [# of strips]

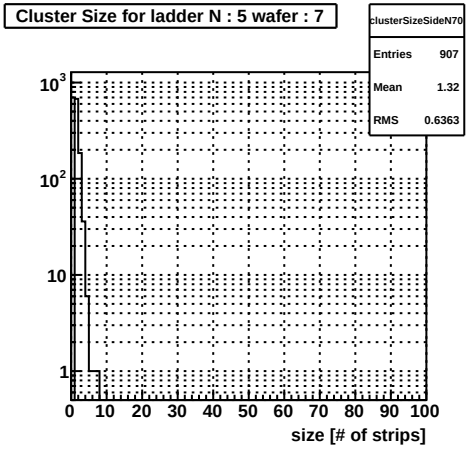

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1544
Mean 1.266
RMS 0.6444
size [# of strips]

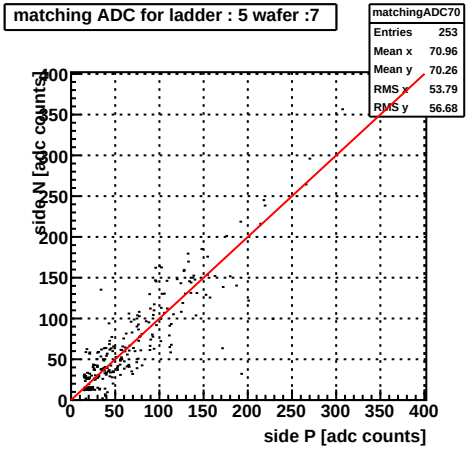

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 265
Mean x 70.99
Mean y 78.26
RMS x 56.6
RMS y 57.99
side N [adc counts]
side P [adc counts]

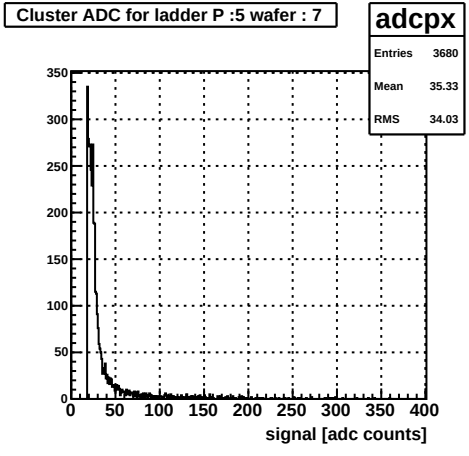

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 3772
Mean 40.9
RMS 35.21
signal [adc counts]

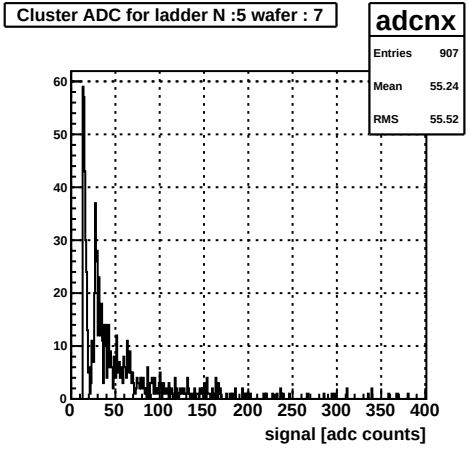

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1544
Mean 43.95
RMS 46.59
signal [adc counts]

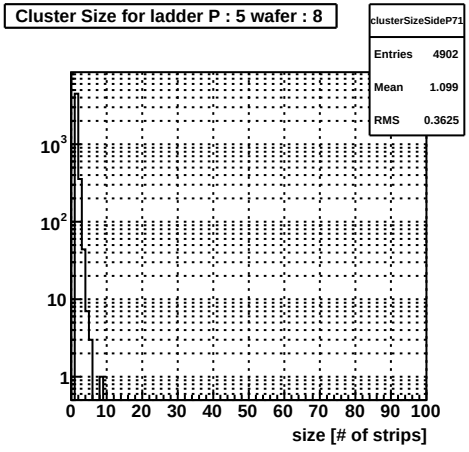

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 3680
Mean 1.103
RMS 0.3584
size [# of strips]

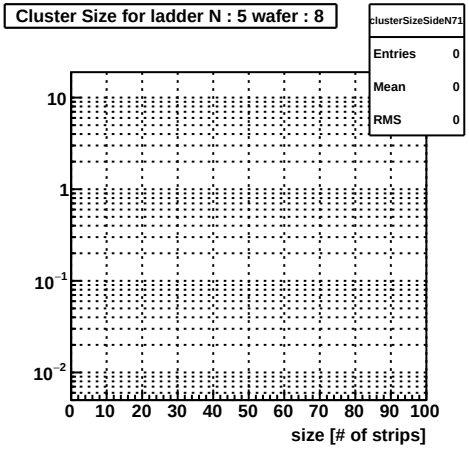

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 907
Mean 1.32
RMS 0.6363
size [# of strips]

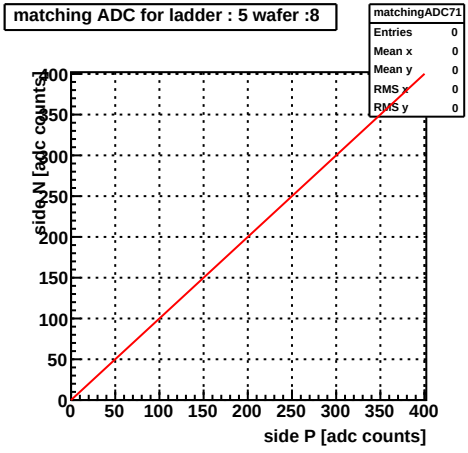

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 253
Mean x 70.96
Mean y 70.26
RMS x 53.79
RMS y 56.68
side N [adc counts]
side P [adc counts]

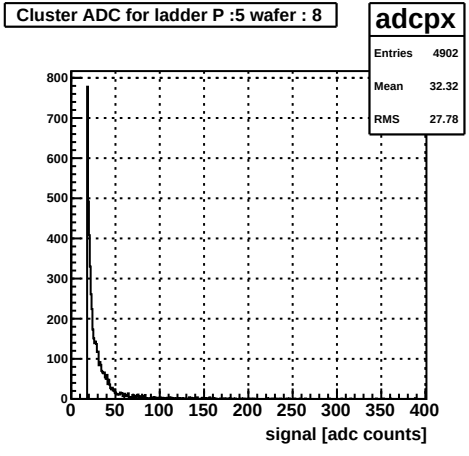

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 3680
Mean 35.33
RMS 34.03
signal [adc counts]

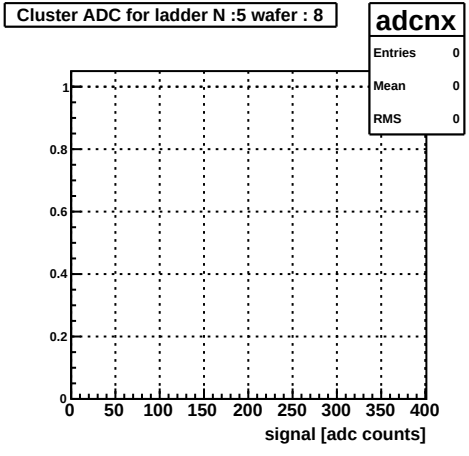

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 907
Mean 55.24
RMS 55.52
signal [adc counts]

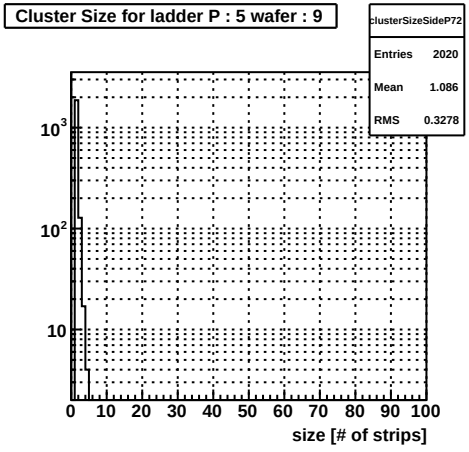

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 4902
Mean 1.099
RMS 0.3625
size [# of strips]

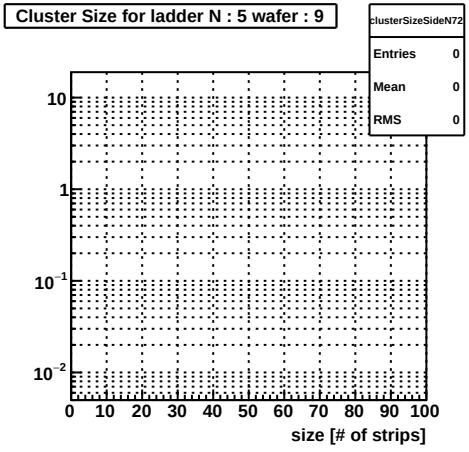

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

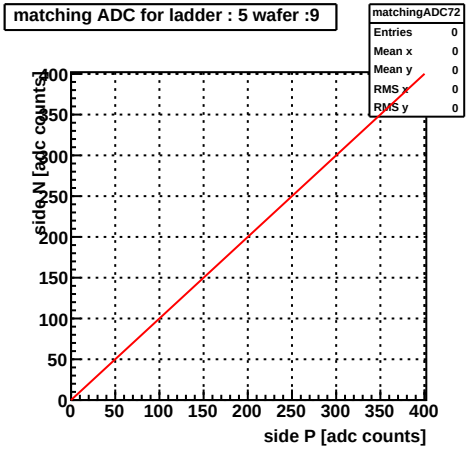

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

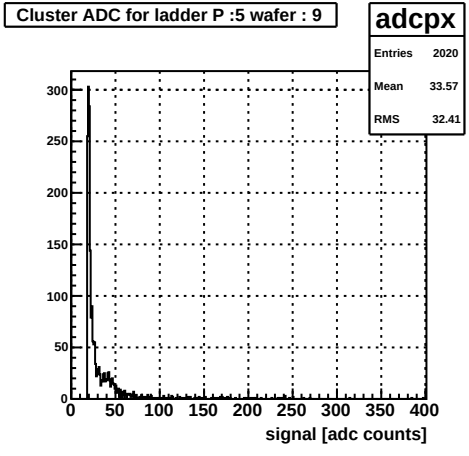

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 4902
Mean 32.32
RMS 27.78
signal [adc counts]

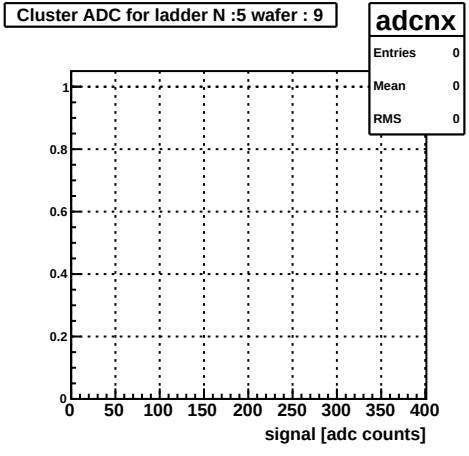

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

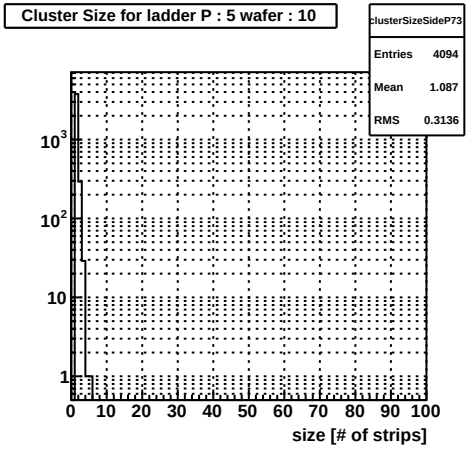

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 2020
Mean 1.086
RMS 0.3278
size [# of strips]

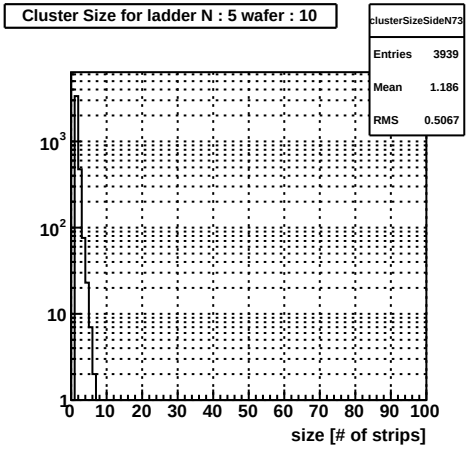

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

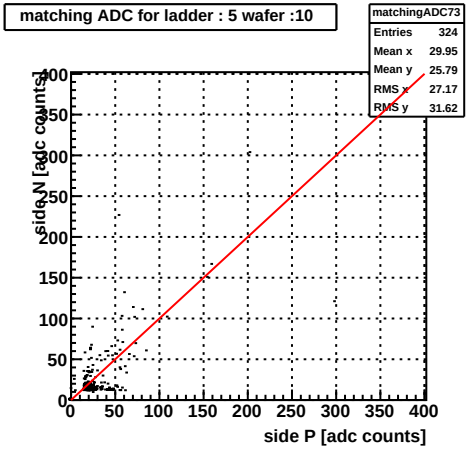

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

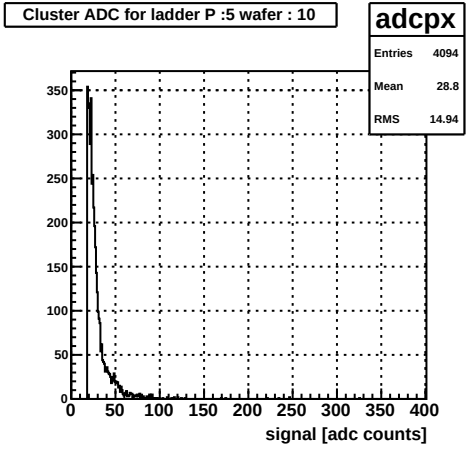

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 2020
Mean 33.57
RMS 32.41
signal [adc counts]

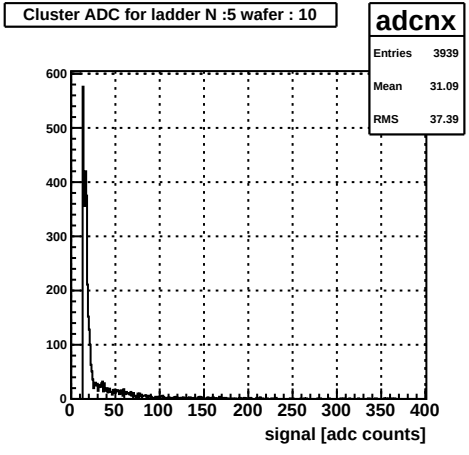

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

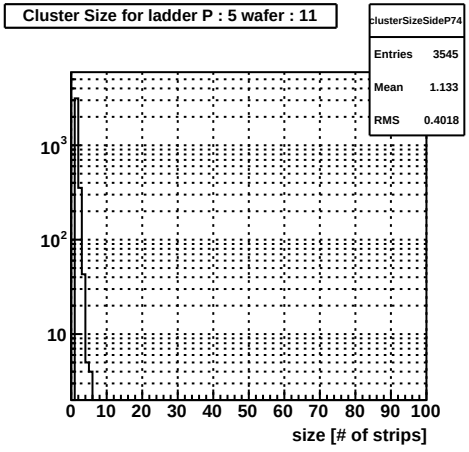

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 4094
Mean 1.087
RMS 0.3136
size [# of strips]

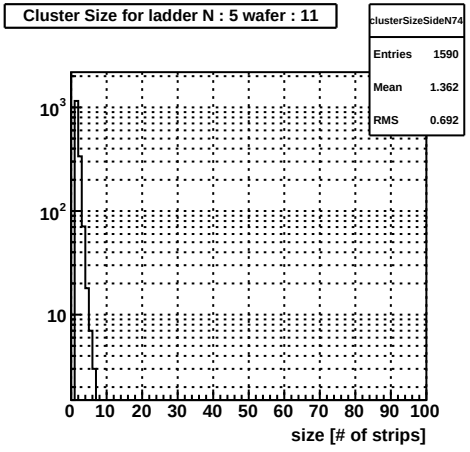

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 3939
Mean 1.186
RMS 0.5067
size [# of strips]

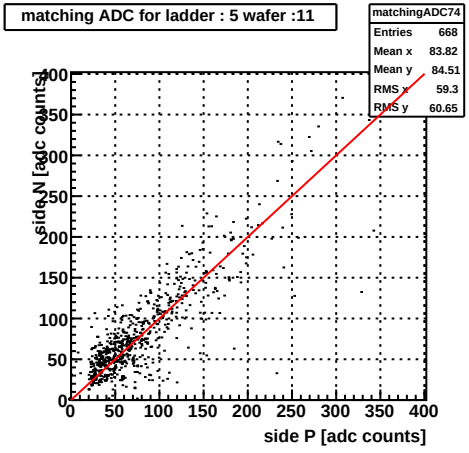

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 324
Mean x 29.95
Mean y 25.79
RMS x 27.17
RMS y 31.62
side N [adc counts]
side P [adc counts]

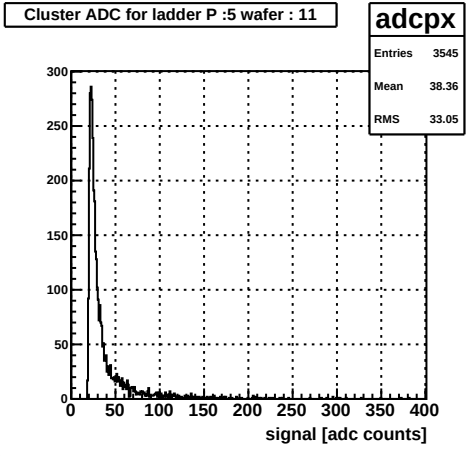

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 4094
Mean 28.8
RMS 14.94
signal [adc counts]

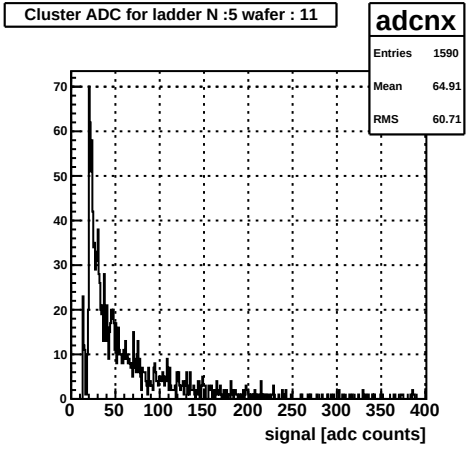

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 3939
Mean 31.09
RMS 37.39
signal [adc counts]

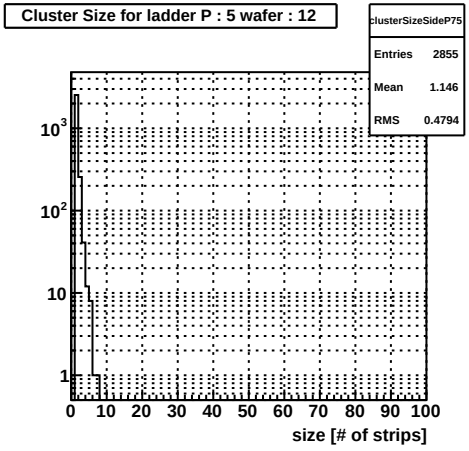

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 3545
Mean 1.133
RMS 0.4018
size [# of strips]

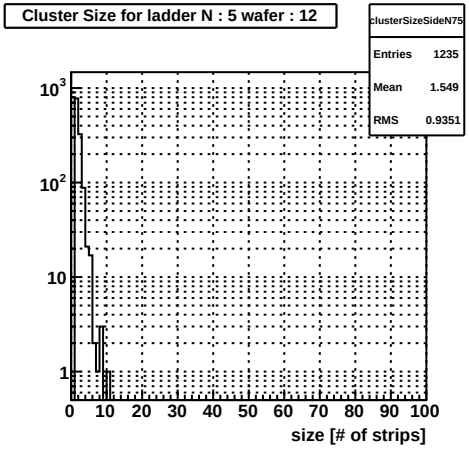

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1590
Mean 1.362
RMS 0.692
size [# of strips]

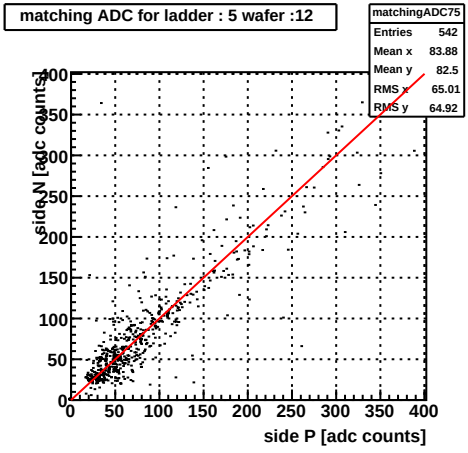

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 668
Mean x 83.82
Mean y 84.51
RMS x 59.3
RMS y 60.65
side N [adc counts]
side P [adc counts]

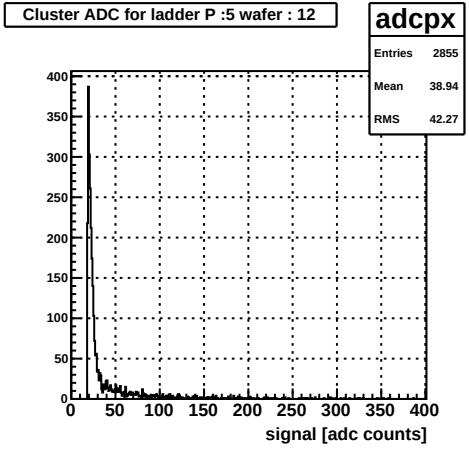

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 3545
Mean 38.36
RMS 33.05
signal [adc counts]

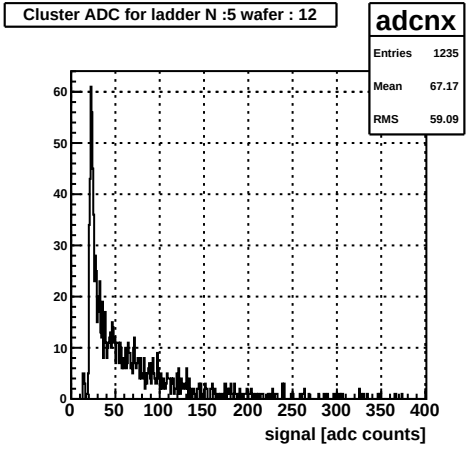

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1590
Mean 64.91
RMS 60.71
signal [adc counts]

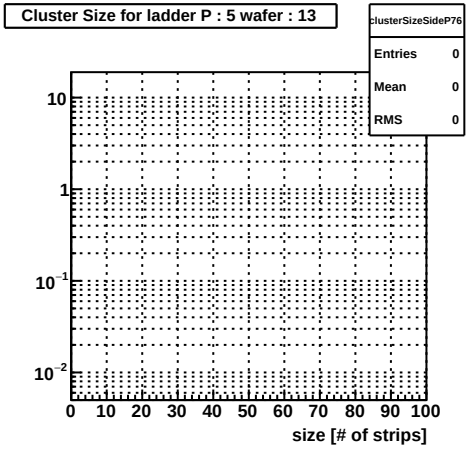

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 2855
Mean 1.146
RMS 0.4794
size [# of strips]

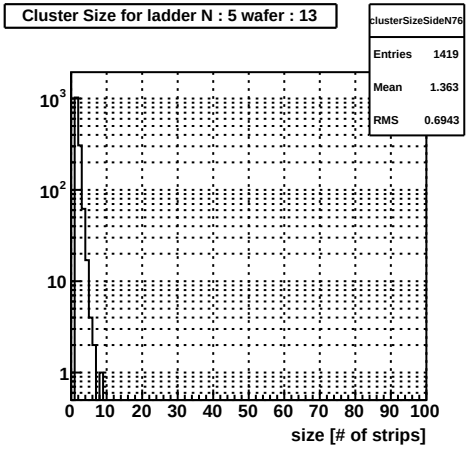

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1235
Mean 1.549
RMS 0.9351
size [# of strips]

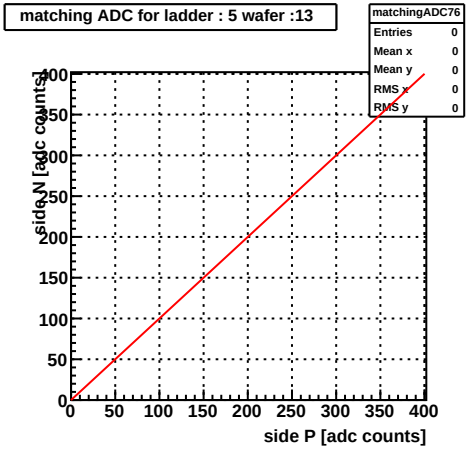

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 542
Mean x 83.88
Mean y 82.5
RMS x 65.01
RMS y 64.92
side N [adc counts]
side P [adc counts]

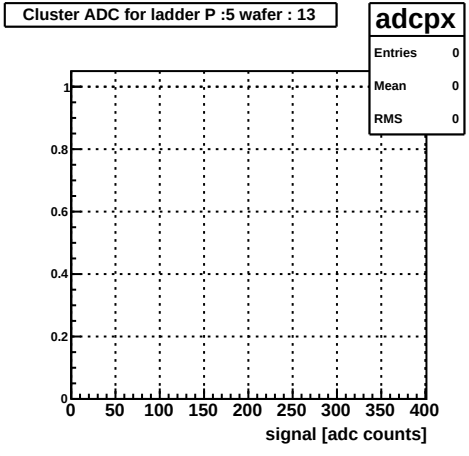

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 2855
Mean 38.94
RMS 42.27
signal [adc counts]

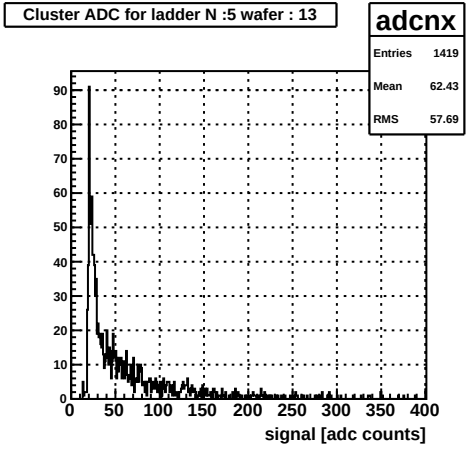

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1235
Mean 67.17
RMS 59.09
signal [adc counts]

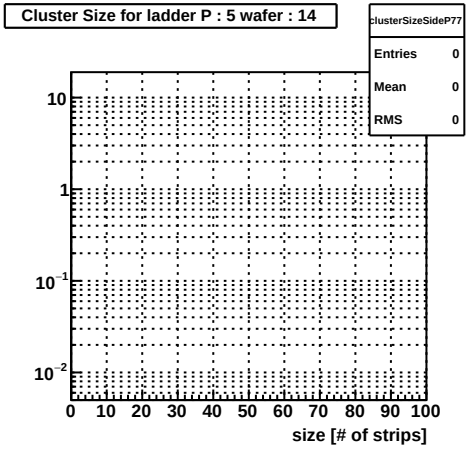

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

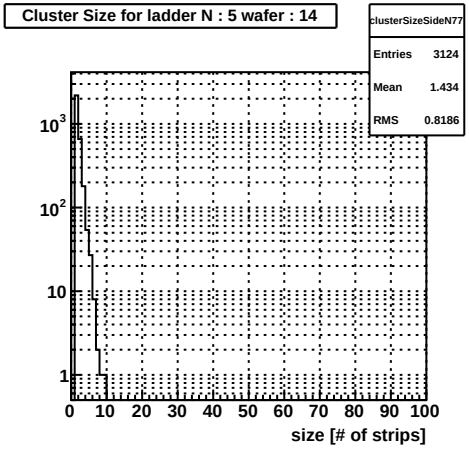

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1419
Mean 1.363
RMS 0.6943
size [# of strips]

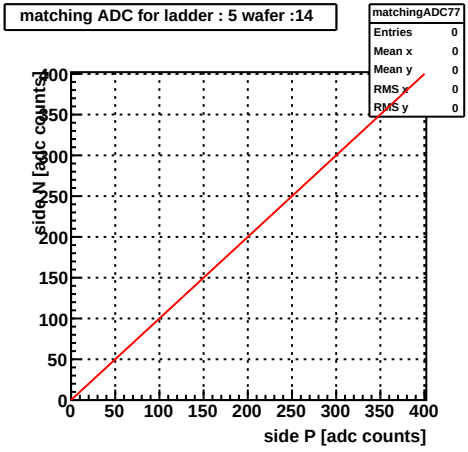

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

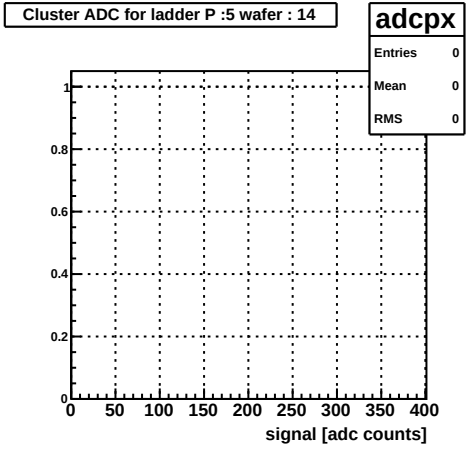

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

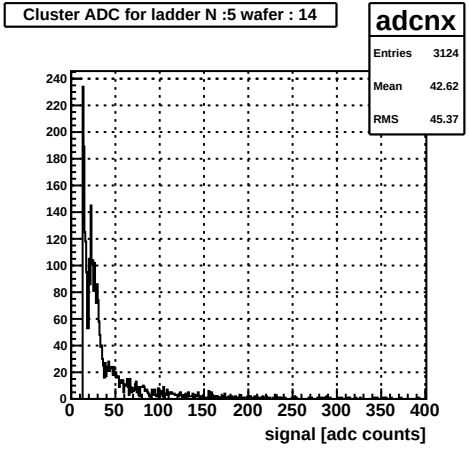

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1419
Mean 62.43
RMS 57.69
signal [adc counts]

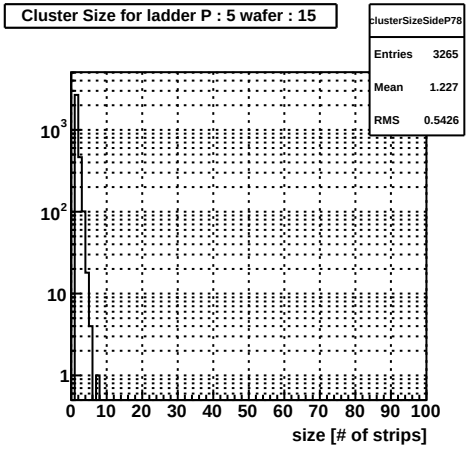

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

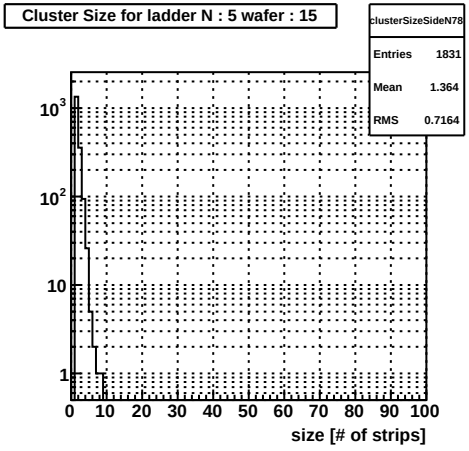

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3124
Mean 1.434
RMS 0.8186
size [# of strips]

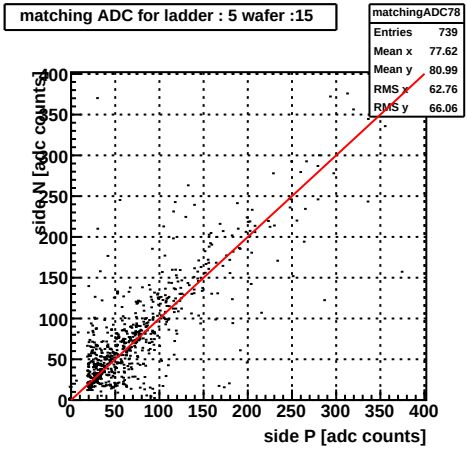

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

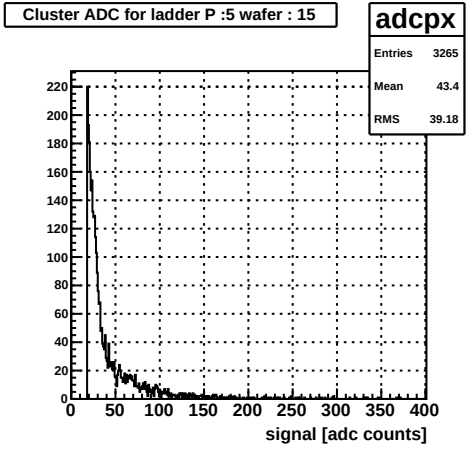

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

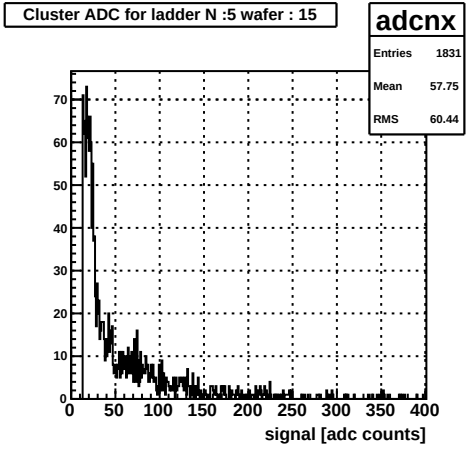

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3124
Mean 42.62
RMS 45.37
signal [adc counts]

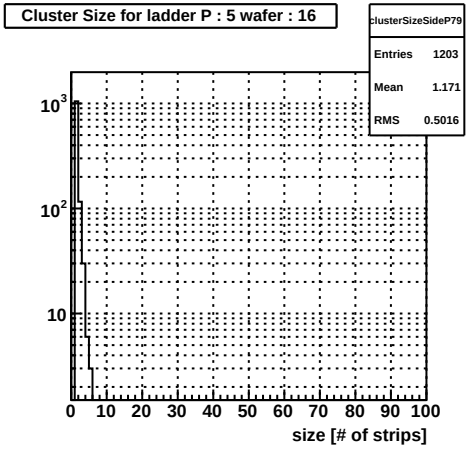

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 3265
Mean 1.227
RMS 0.5426
size [# of strips]

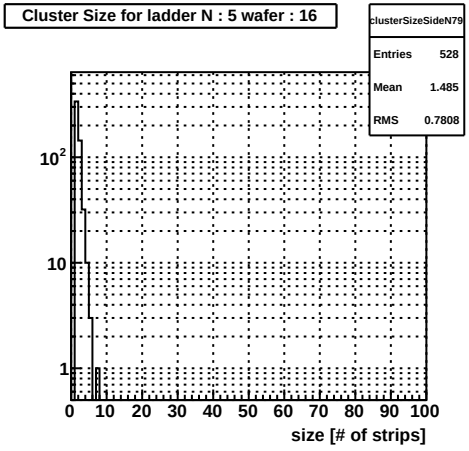

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1831
Mean 1.364
RMS 0.7164
size [# of strips]

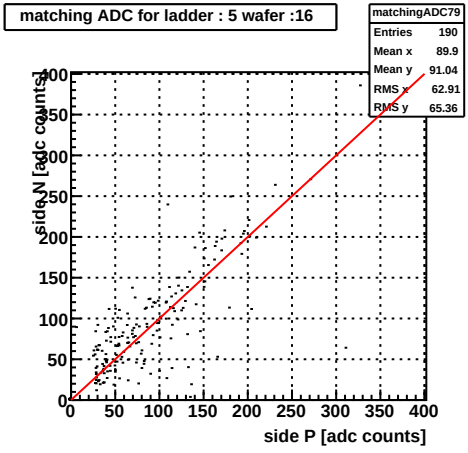

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 739
Mean x 77.62
Mean y 80.99
RMS x 62.76
RMS y 66.06
side N [adc counts]
side P [adc counts]

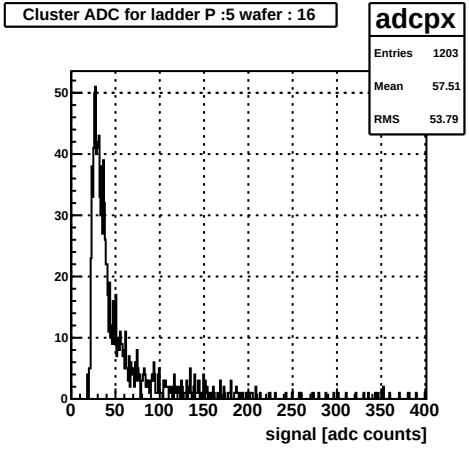

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 3265
Mean 43.4
RMS 39.18
signal [adc counts]

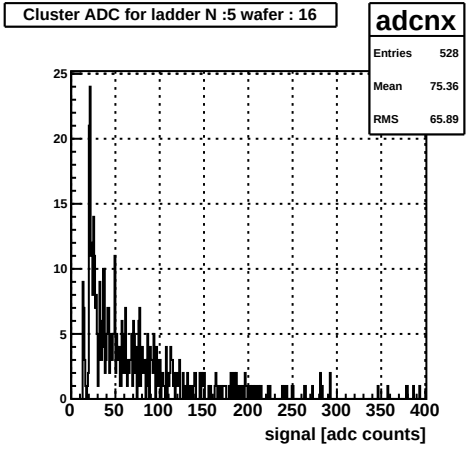

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1831
Mean 57.75
RMS 60.44
signal [adc counts]

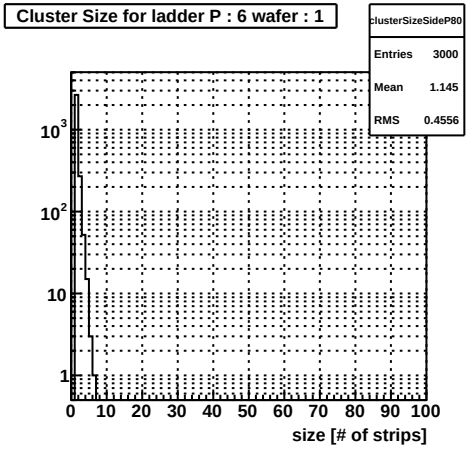

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1203
Mean 1.171
RMS 0.5016
size [# of strips]

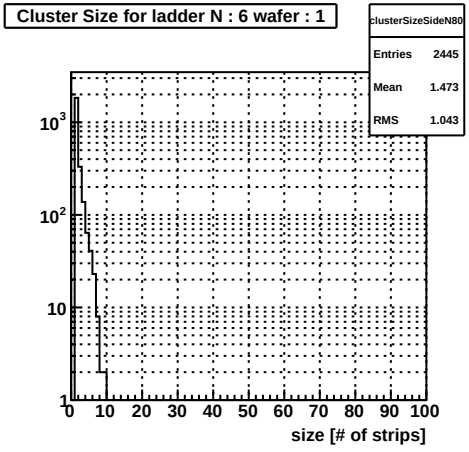

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 528
Mean 1.485
RMS 0.7808
size [# of strips]

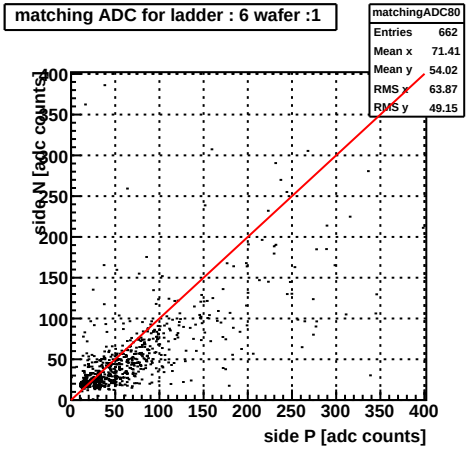

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 190
Mean x 89.9
Mean y 91.04
RMS x 62.91
RMS y 65.36
side N [adc counts]
side P [adc counts]

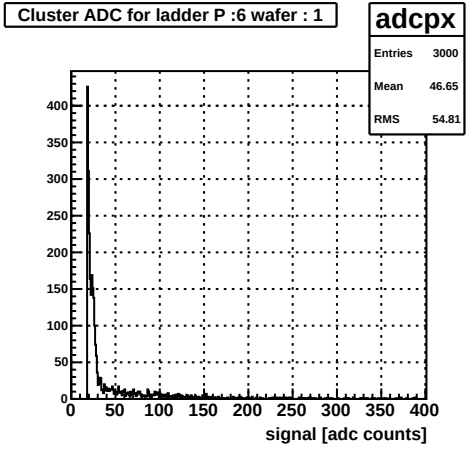

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1203
Mean 57.51
RMS 53.79
signal [adc counts]

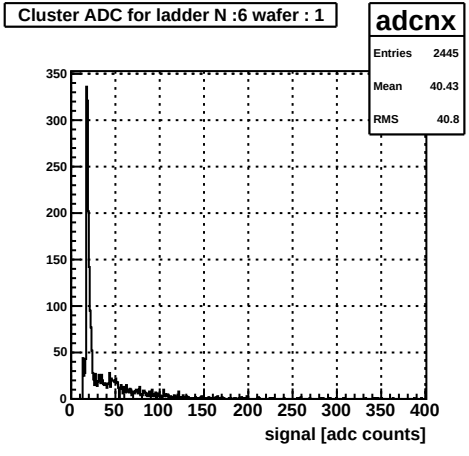

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 528
Mean 75.36
RMS 65.89
signal [adc counts]

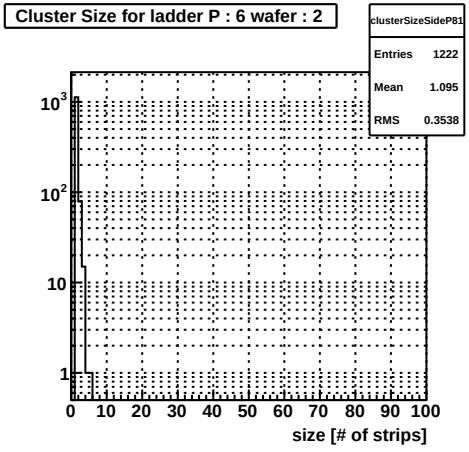

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 3000
Mean 1.145
RMS 0.4556
size [# of strips]

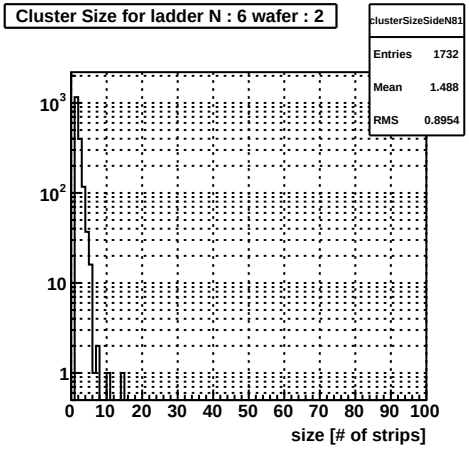

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2445
Mean 1.473
RMS 1.043
size [# of strips]

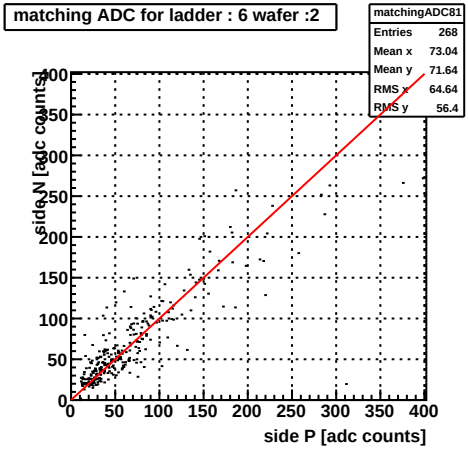

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 662
Mean x 71.41
Mean y 54.02
RMS x 63.87
RMS y 49.15
side N [adc counts]
side P [adc counts]

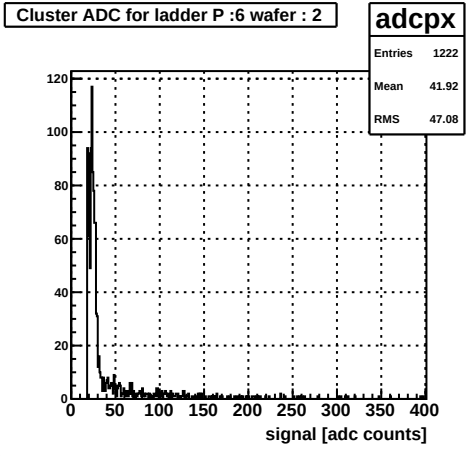

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 3000
Mean 46.65
RMS 54.81
signal [adc counts]

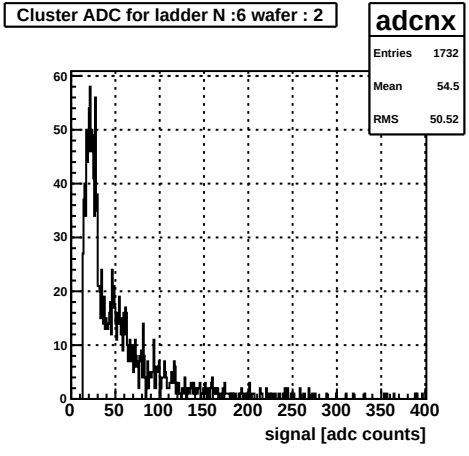

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2445
Mean 40.43
RMS 40.8
signal [adc counts]

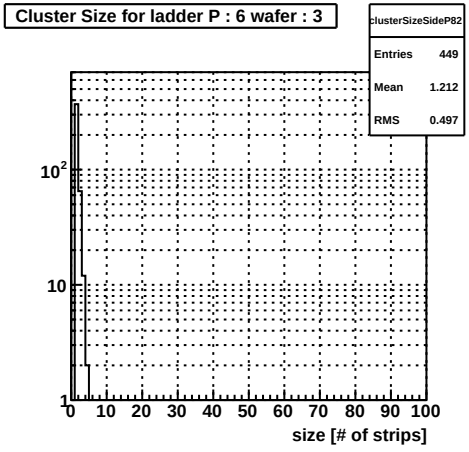

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1222
Mean 1.095
RMS 0.3538
size [# of strips]

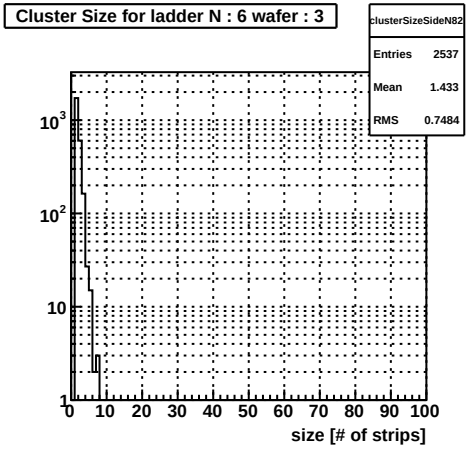

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1732
Mean 1.488
RMS 0.8954
size [# of strips]

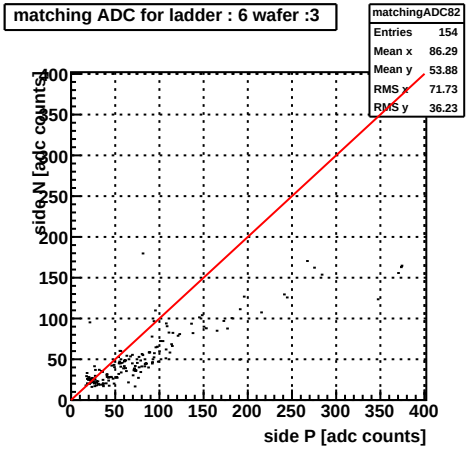

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 268
Mean x 73.04
Mean y 71.64
RMS x 64.64
RMS y 56.4
side N [adc counts]
side P [adc counts]

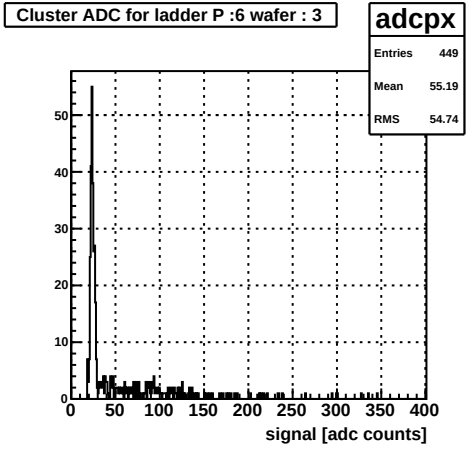

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1222
Mean 41.92
RMS 47.08
signal [adc counts]

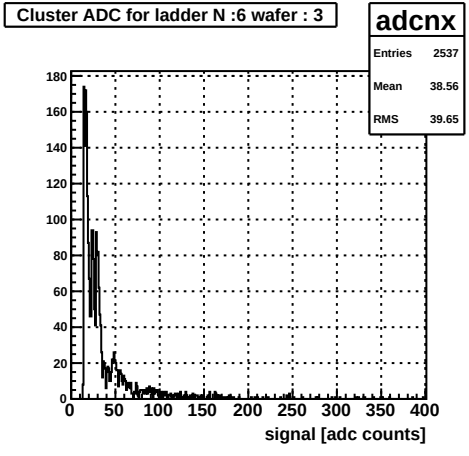

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1732
Mean 54.5
RMS 50.52
signal [adc counts]

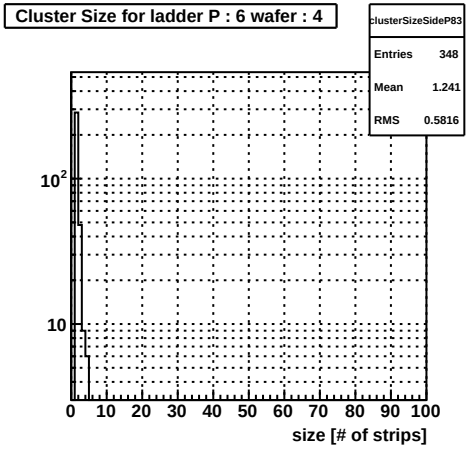

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 449
Mean 1.212
RMS 0.497
size [# of strips]

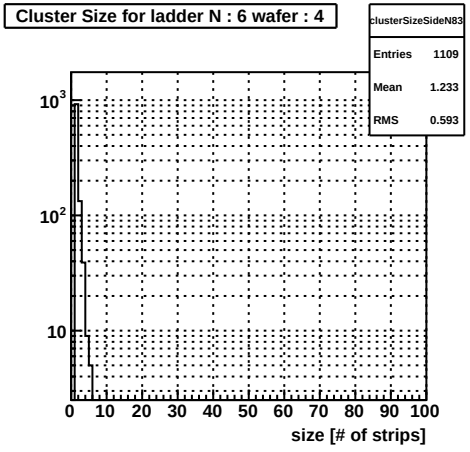

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2537
Mean 1.433
RMS 0.7484
size [# of strips]

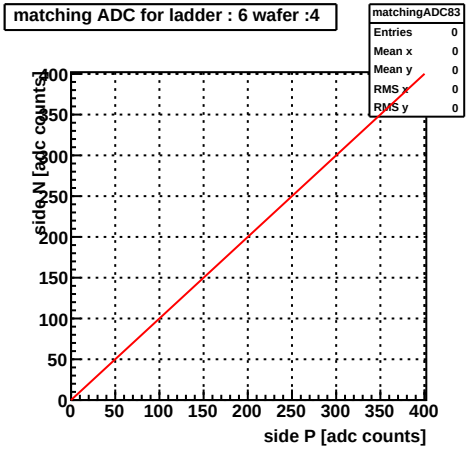

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 154
Mean x 86.29
Mean y 53.88
RMS x 71.73
RMS y 36.23
side N [adc counts]
side P [adc counts]

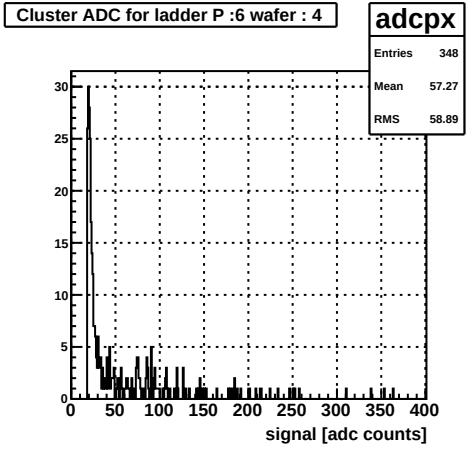

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 449
Mean 55.19
RMS 54.74
signal [adc counts]

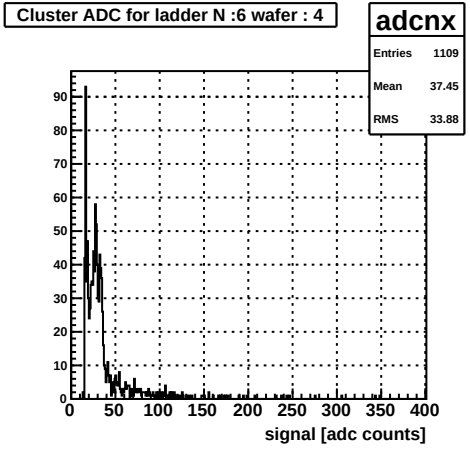

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2537
Mean 38.56
RMS 39.65
signal [adc counts]

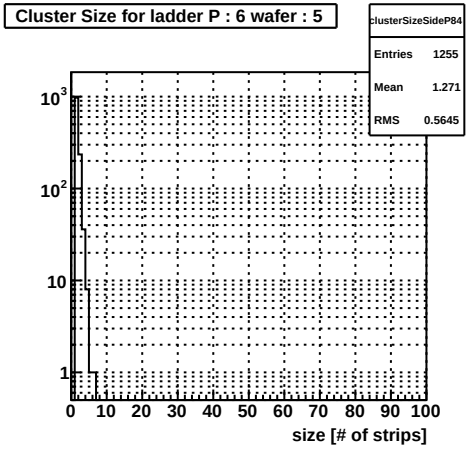

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 348
Mean 1.241
RMS 0.5816
size [# of strips]

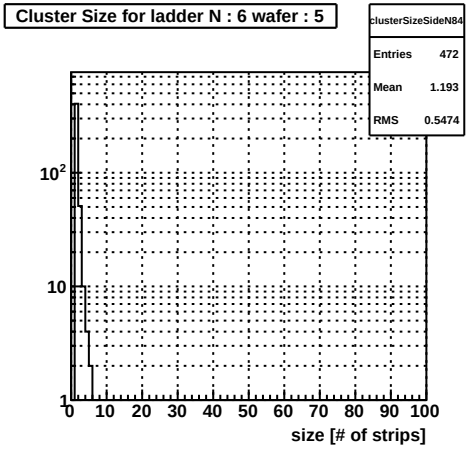

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1109
Mean 1.233
RMS 0.593
size [# of strips]

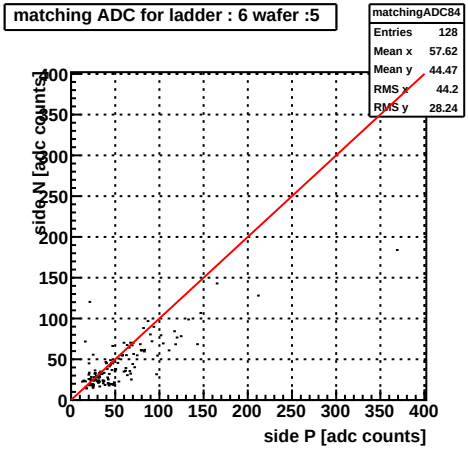

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

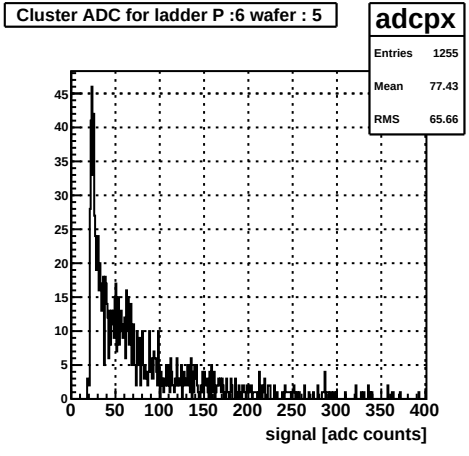

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 348
Mean 57.27
RMS 58.89
signal [adc counts]

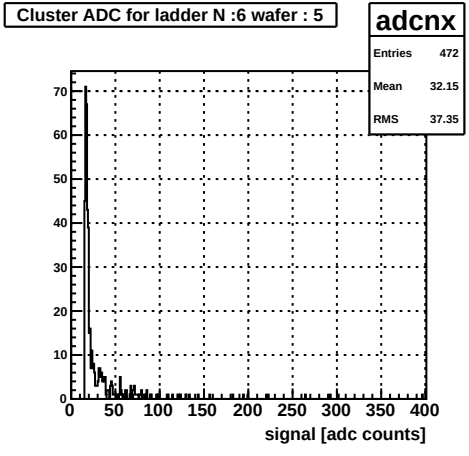

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1109
Mean 37.45
RMS 33.88
signal [adc counts]

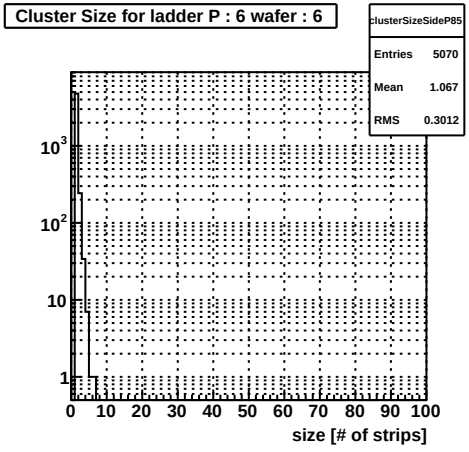

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1255
Mean 1.271
RMS 0.5645
size [# of strips]

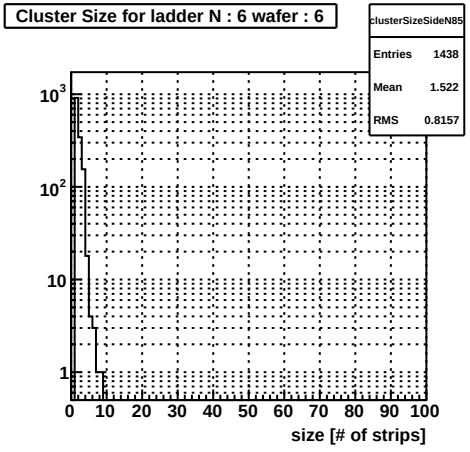

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 472
Mean 1.193
RMS 0.5474
size [# of strips]

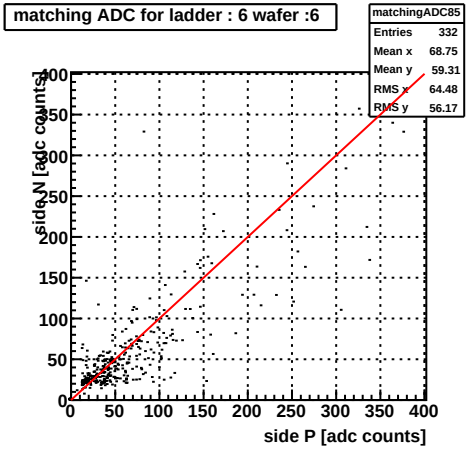

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 128
Mean x 57.62
Mean y 44.47
RMS x 44.2
RMS y 28.24
side N [adc counts]
side P [adc counts]

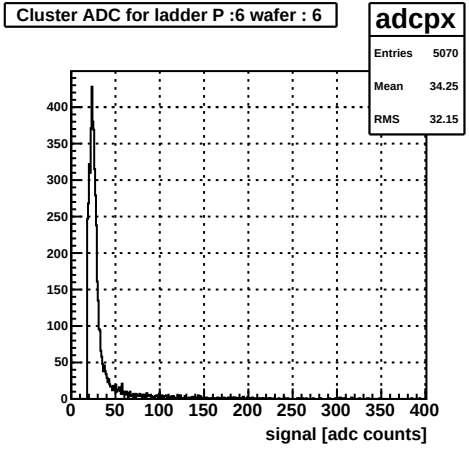

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1255
Mean 77.43
RMS 65.66
signal [adc counts]

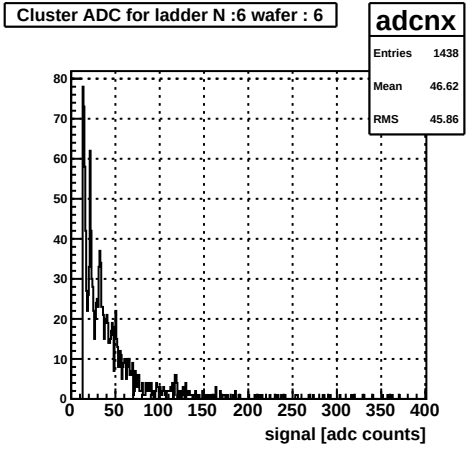

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 472
Mean 32.15
RMS 37.35
signal [adc counts]

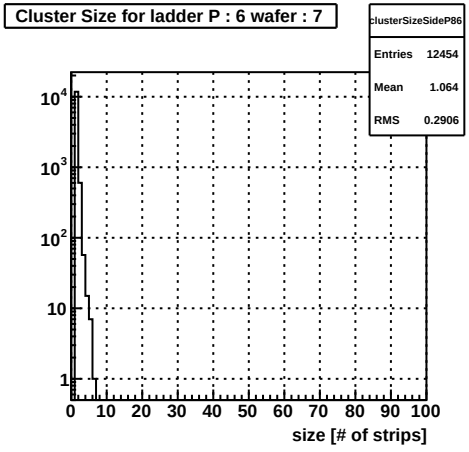

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 5070
Mean 1.067
RMS 0.3012
size [# of strips]

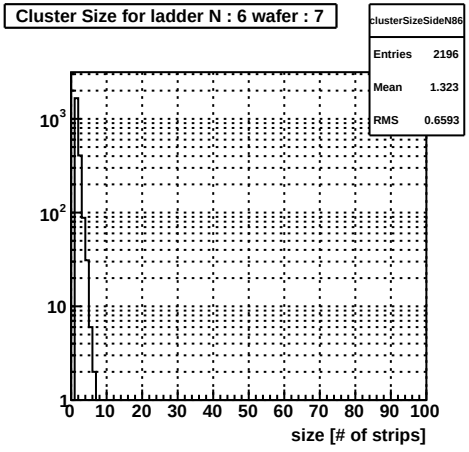

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1438
Mean 1.522
RMS 0.8157
size [# of strips]

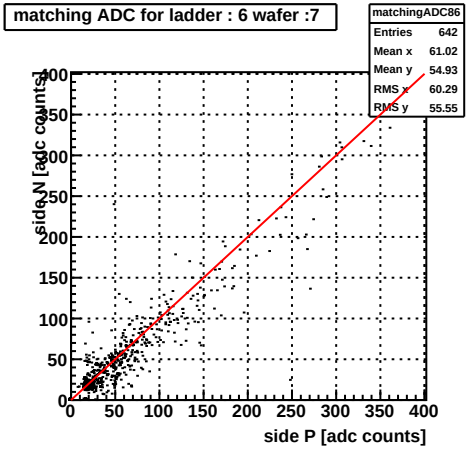

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 332
Mean x 68.75
Mean y 59.31
RMS x 64.48
RMS y 56.17
side N [adc counts]
side P [adc counts]

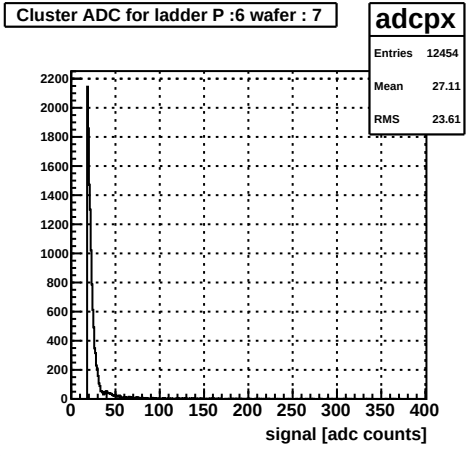

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 5070
Mean 34.25
RMS 32.15
signal [adc counts]

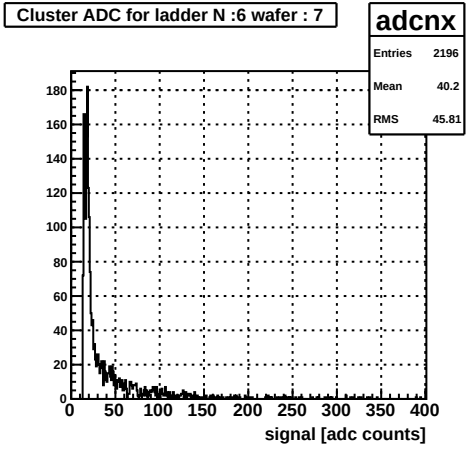

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1438
Mean 46.62
RMS 45.86
signal [adc counts]

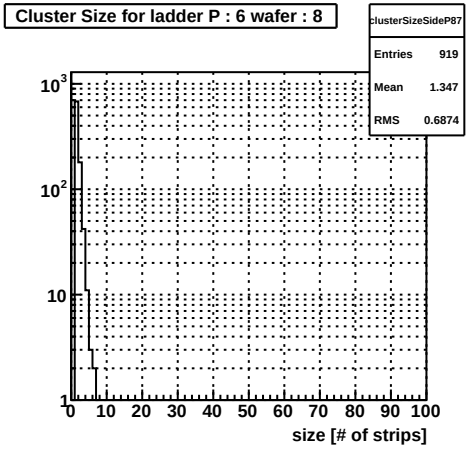

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 12454
Mean 1.064
RMS 0.2906
size [# of strips]

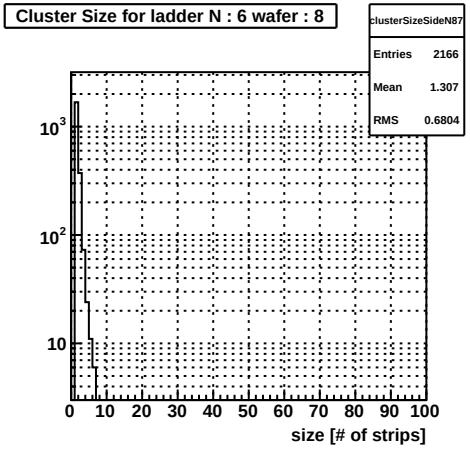

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2196
Mean 1.323
RMS 0.6593
size [# of strips]

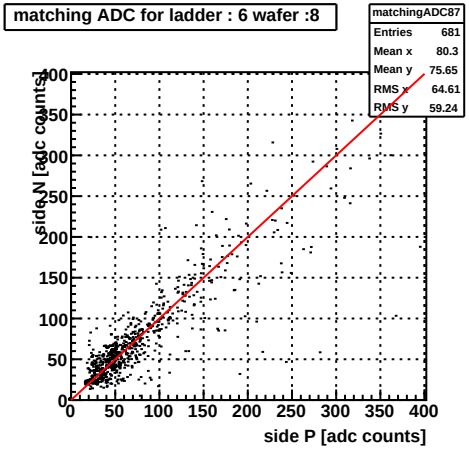

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 642
Mean x 61.02
Mean y 54.93
RMS x 60.29
RMS y 55.55
side N [adc counts]
side P [adc counts]

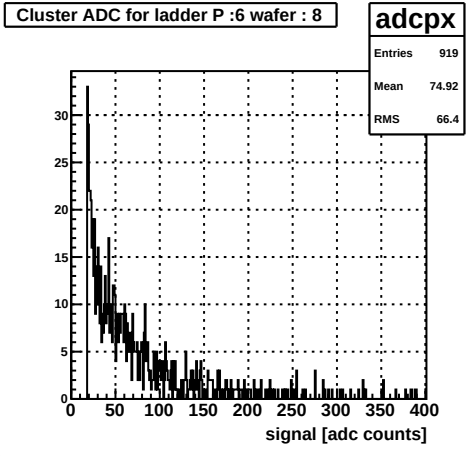

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 12454
Mean 27.11
RMS 23.61
signal [adc counts]

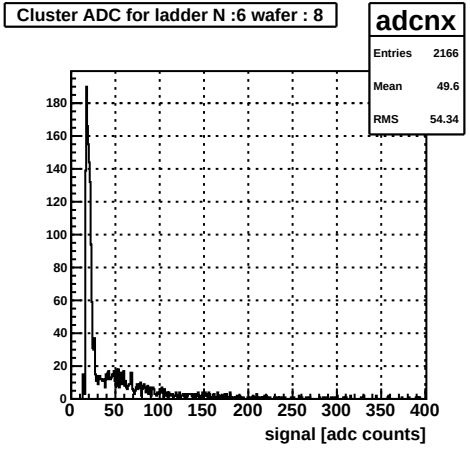

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2196
Mean 40.2
RMS 45.81
signal [adc counts]

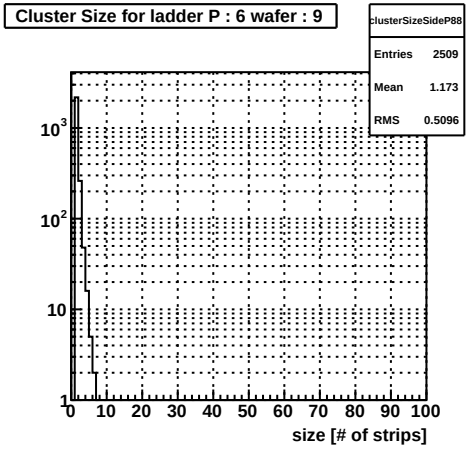

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 919
Mean 1.347
RMS 0.6874
size [# of strips]

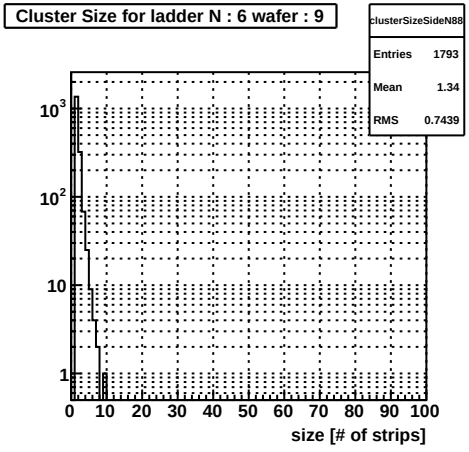

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2166
Mean 1.307
RMS 0.6804
size [# of strips]

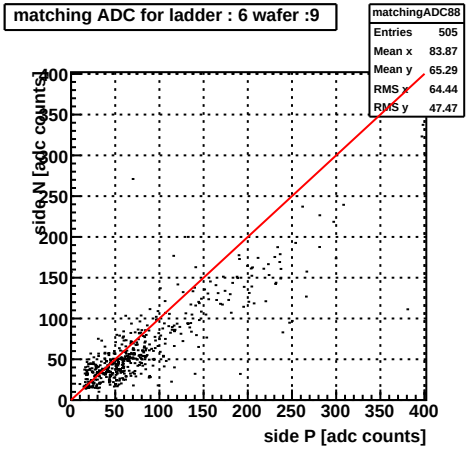

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 681
Mean x 80.3
Mean y 75.65
RMS x 64.61
RMS y 59.24
side N [adc counts]
side P [adc counts]

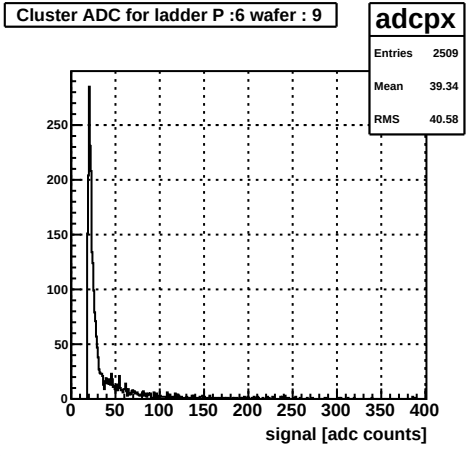

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 919
Mean 74.92
RMS 66.4
signal [adc counts]

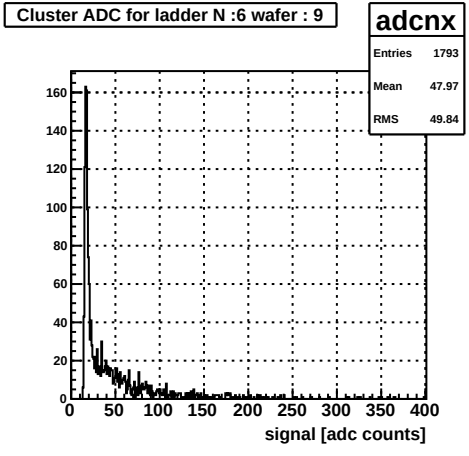

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2166
Mean 49.6
RMS 54.34
signal [adc counts]

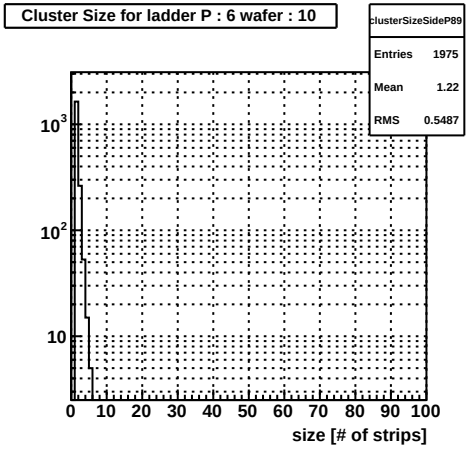

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 2509
Mean 1.173
RMS 0.5096
size [# of strips]

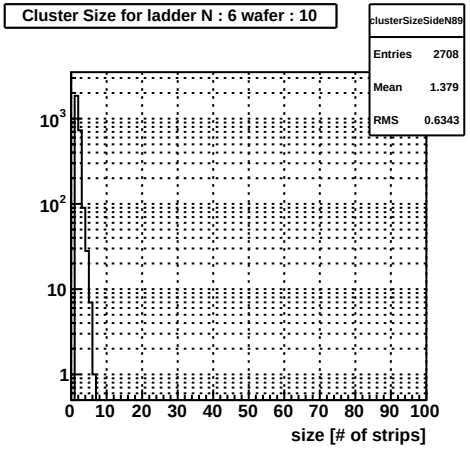

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1793
Mean 1.34
RMS 0.7439
size [# of strips]

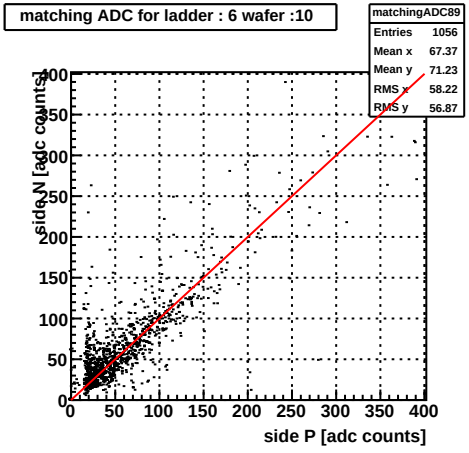

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 505
Mean x 83.87
Mean y 65.29
RMS x 64.44
RMS y 47.47
side N [adc counts]
side P [adc counts]

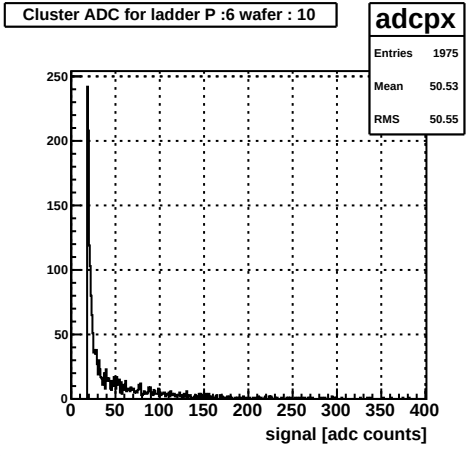

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 2509
Mean 39.34
RMS 40.58
signal [adc counts]

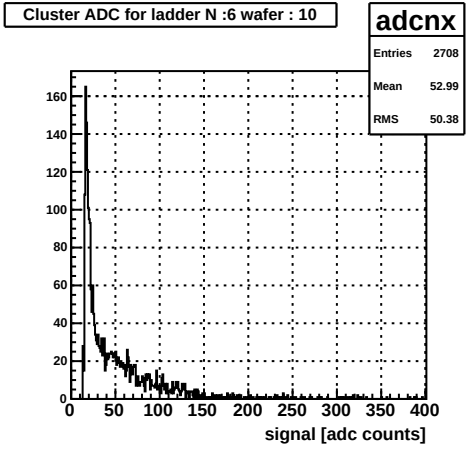

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1793
Mean 47.97
RMS 49.84
signal [adc counts]

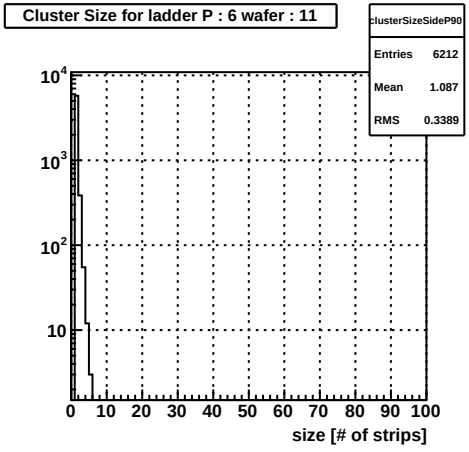

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 1975
Mean 1.22
RMS 0.5487
size [# of strips]

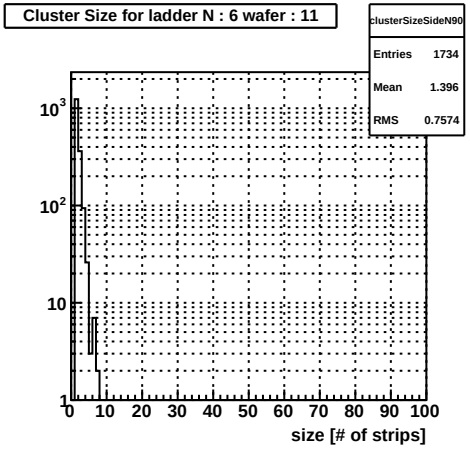

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 2708
Mean 1.379
RMS 0.6343
size [# of strips]

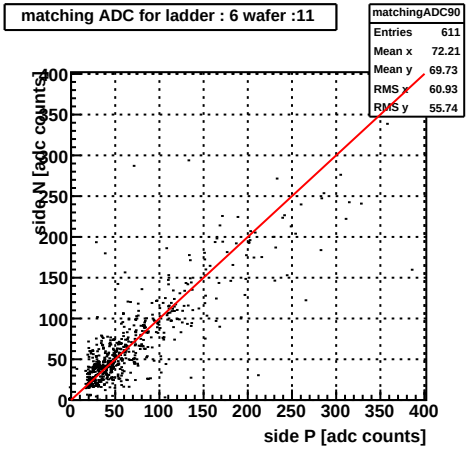

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1056
Mean x 67.37
Mean y 71.23
RMS x 58.22
RMS y 56.87
side N [adc counts]
side P [adc counts]

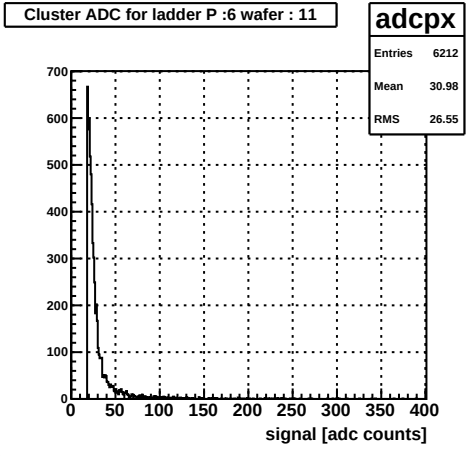

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 1975
Mean 50.53
RMS 50.55
signal [adc counts]

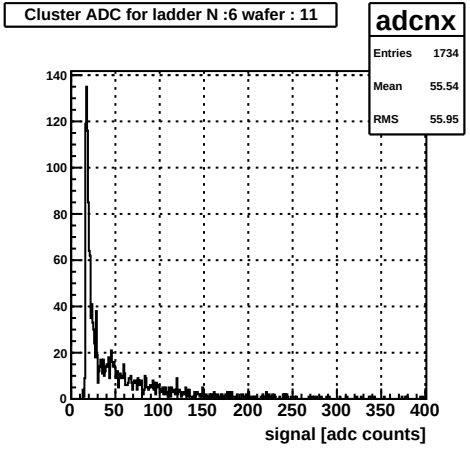

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 2708
Mean 52.99
RMS 50.38
signal [adc counts]

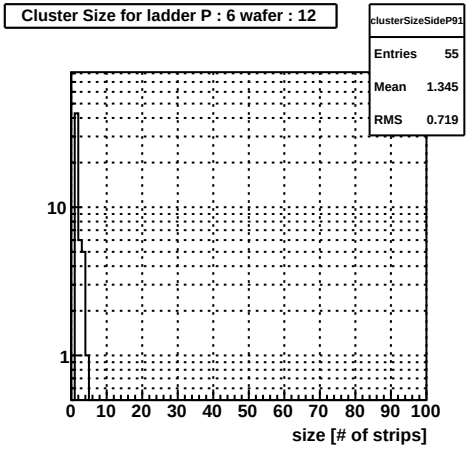

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 6212
Mean 1.087
RMS 0.3389
size [# of strips]

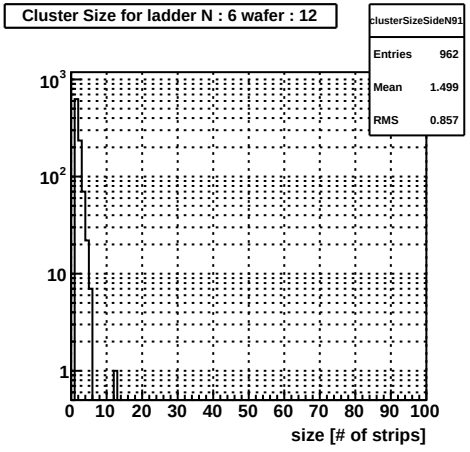

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1734
Mean 1.396
RMS 0.7574
size [# of strips]

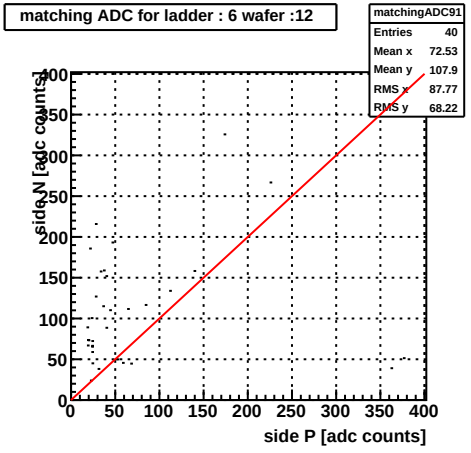

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 611
Mean x 72.21
Mean y 69.73
RMS x 60.93
RMS y 55.74
side N [adc counts]
side P [adc counts]

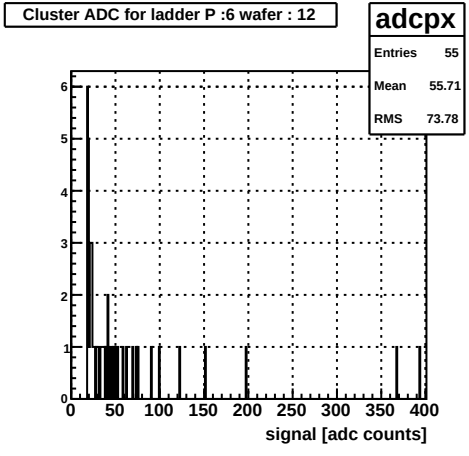

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 6212
Mean 30.98
RMS 26.55
signal [adc counts]

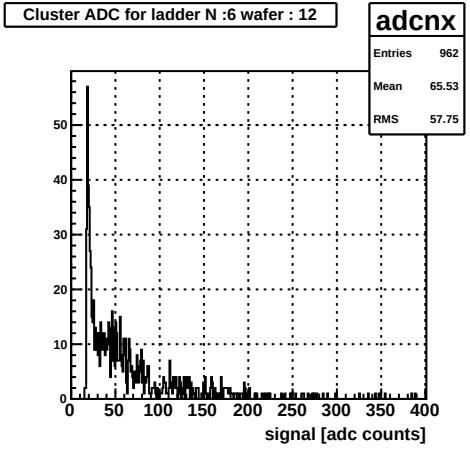

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1734
Mean 55.54
RMS 55.95
signal [adc counts]

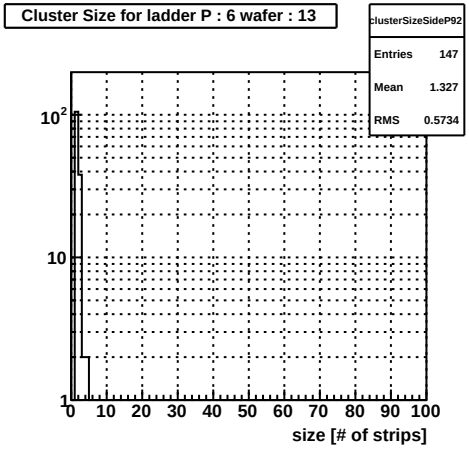

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 55
Mean 1.345
RMS 0.719
size [# of strips]

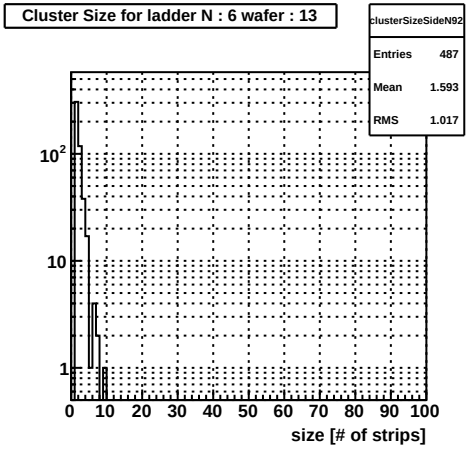

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 962
Mean 1.499
RMS 0.857
size [# of strips]

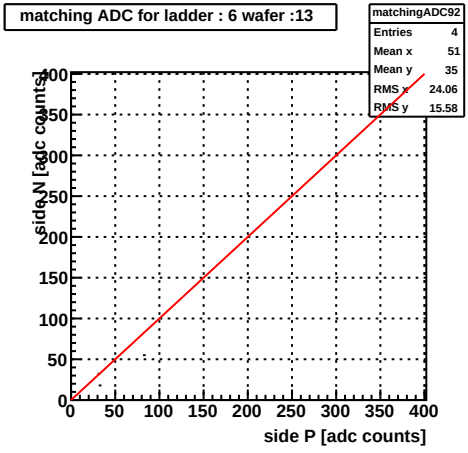

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 40
Mean x 72.53
Mean y 107.9
RMS x 87.77
RMS y 68.22
side N [adc counts]
side P [adc counts]

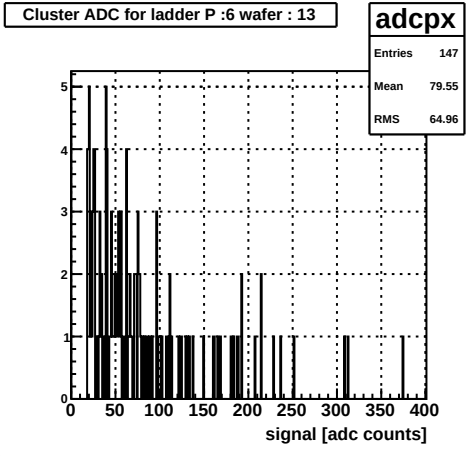

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 55
Mean 55.71
RMS 73.78
signal [adc counts]

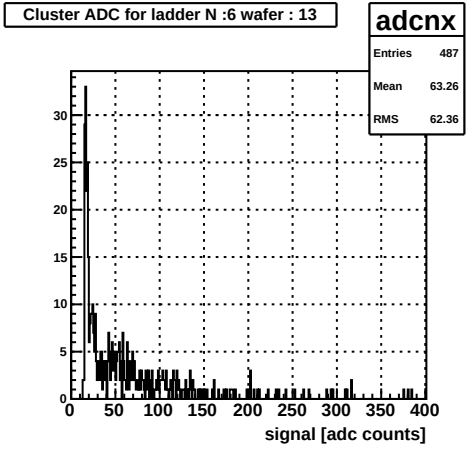

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 962
Mean 65.53
RMS 57.75
signal [adc counts]

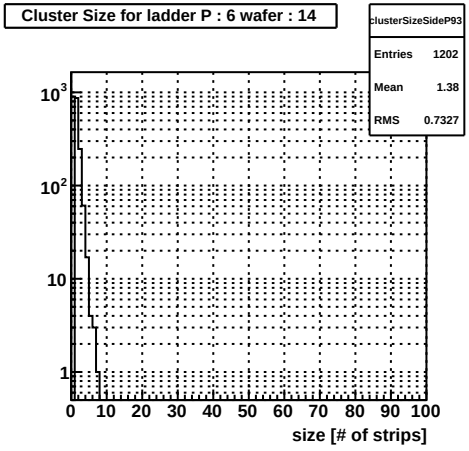

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 147
Mean 1.327
RMS 0.5734
size [# of strips]

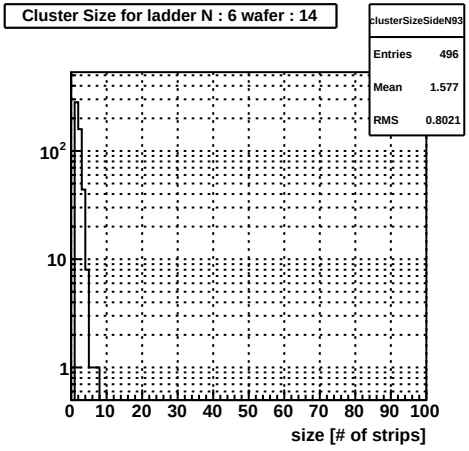

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 487
Mean 1.593
RMS 1.017
size [# of strips]

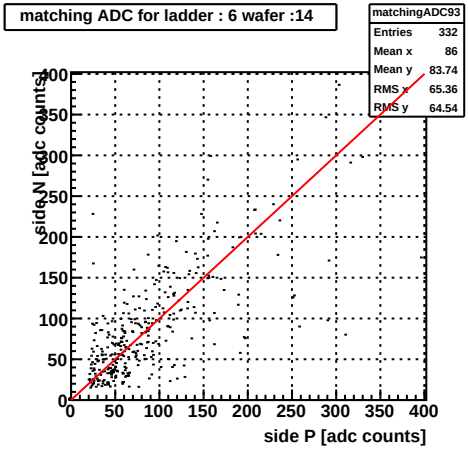

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 4
Mean x 51
Mean y 35
RMS x 24.06
RMS y 15.58
side N [adc counts]
side P [adc counts]

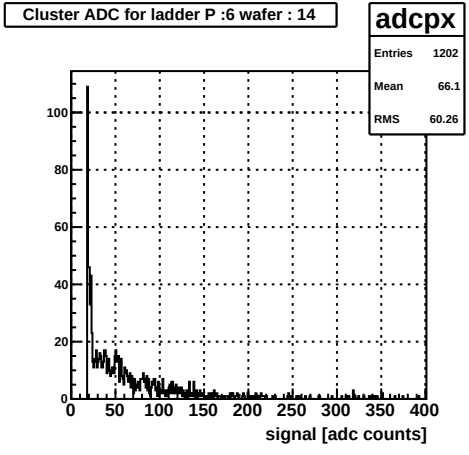

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 147
Mean 79.55
RMS 64.96
signal [adc counts]

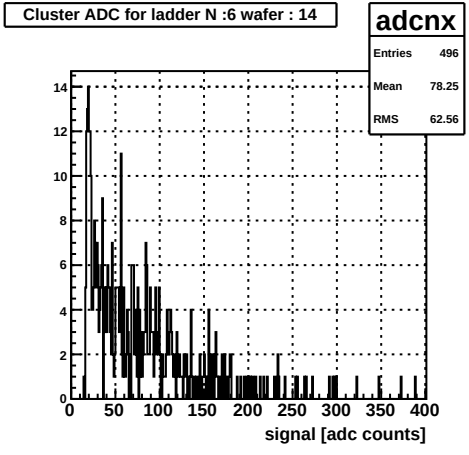

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 487
Mean 63.26
RMS 62.36
signal [adc counts]

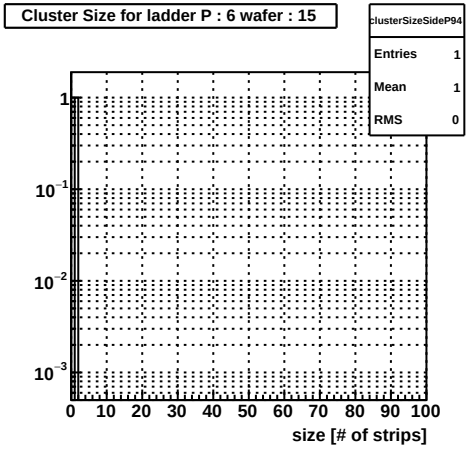

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1202
Mean 1.38
RMS 0.7327
size [# of strips]

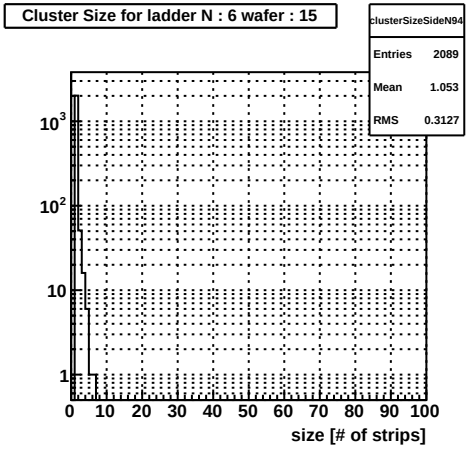

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 496
Mean 1.577
RMS 0.8021
size [# of strips]

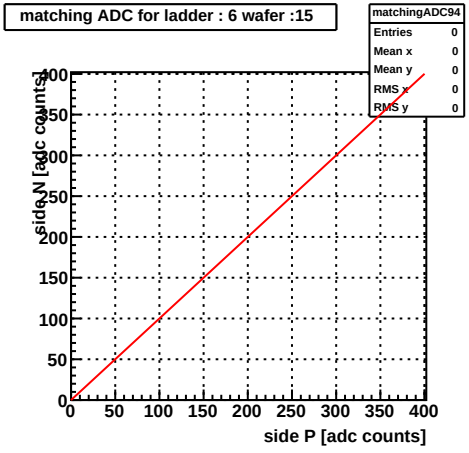

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 332
Mean x 86
Mean y 83.74
RMS x 65.36
RMS y 64.54
side N [adc counts]
side P [adc counts]

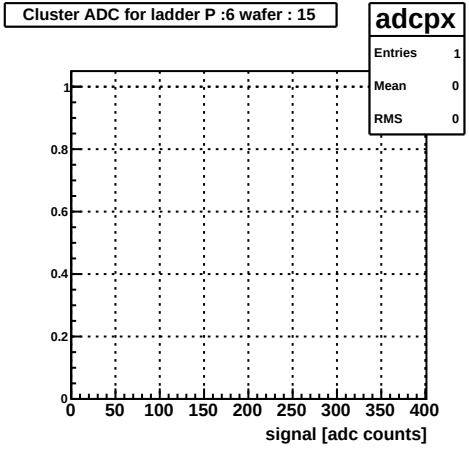

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1202
Mean 66.1
RMS 60.26
signal [adc counts]

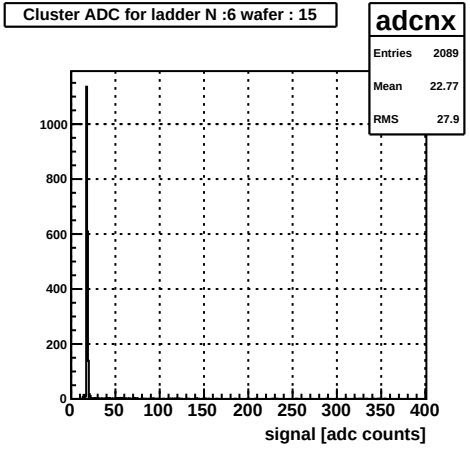

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 496
Mean 78.25
RMS 62.56
signal [adc counts]

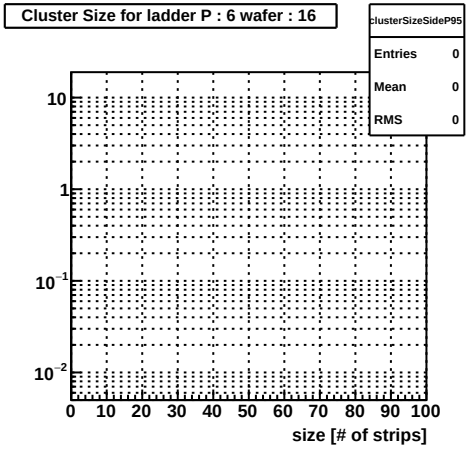

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

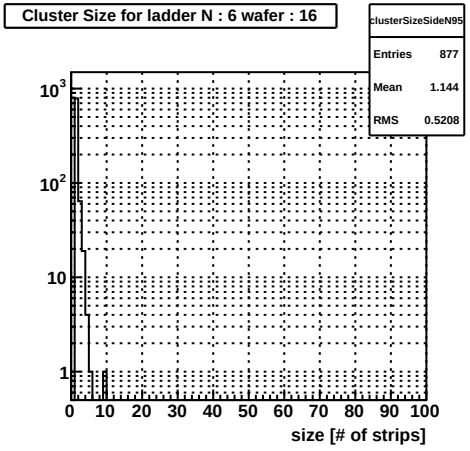

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2089
Mean 1.053
RMS 0.3127
size [# of strips]

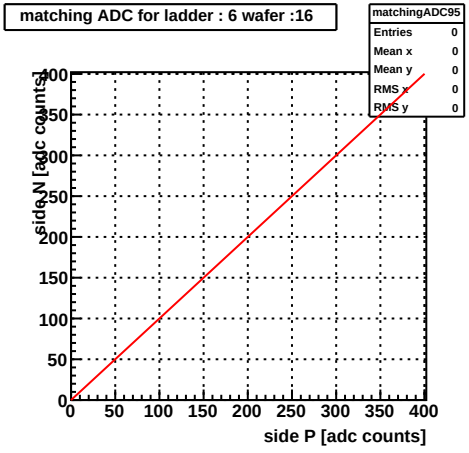

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

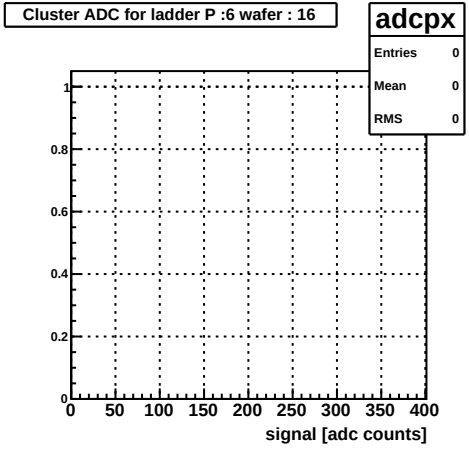

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

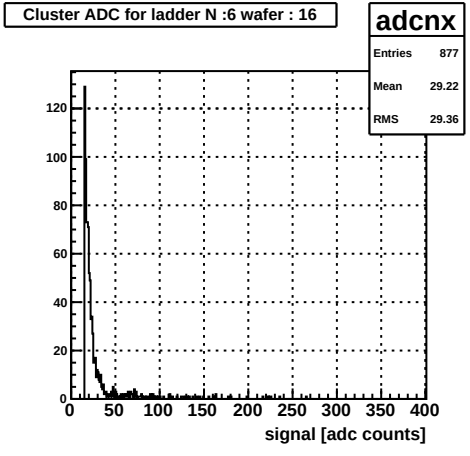

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2089
Mean 22.77
RMS 27.9
signal [adc counts]

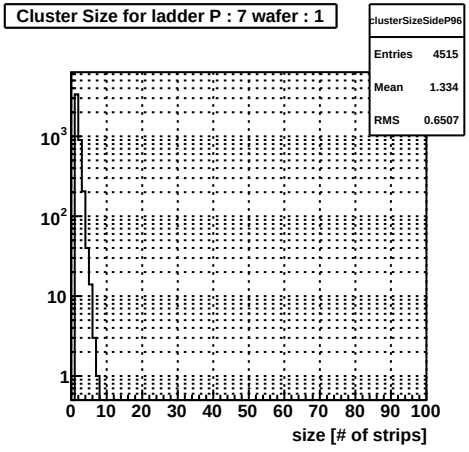

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

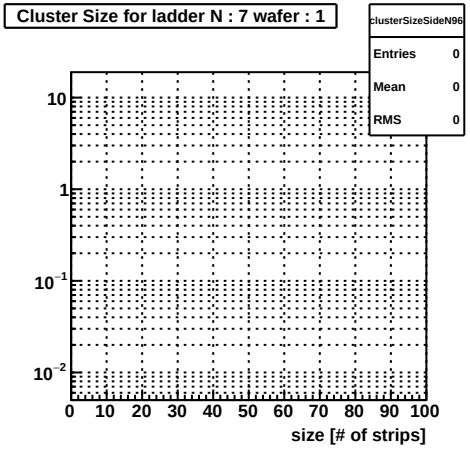

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 877
Mean 1.144
RMS 0.5208
size [# of strips]

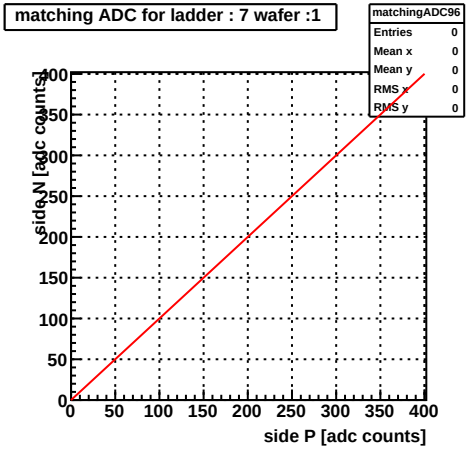

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

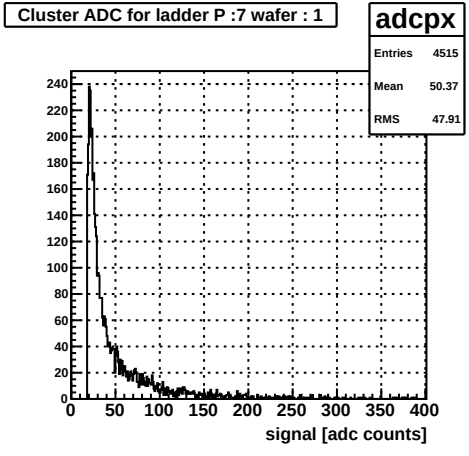

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

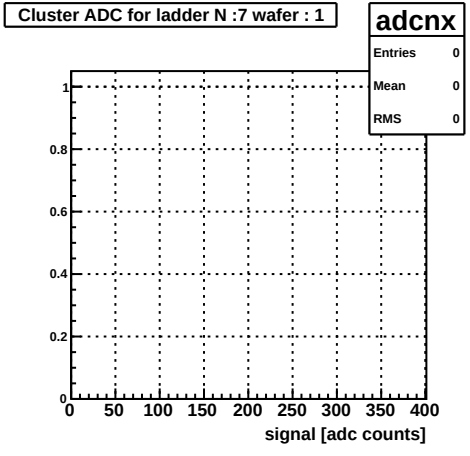

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 877
Mean 29.22
RMS 29.36
signal [adc counts]

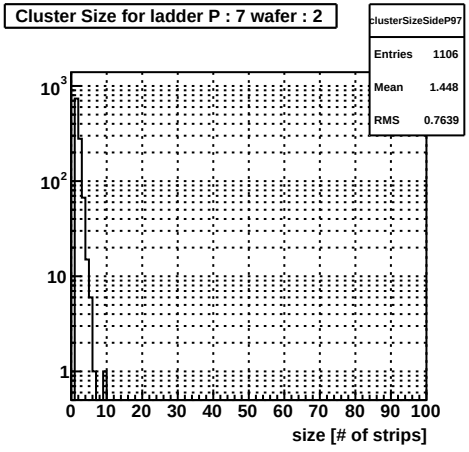

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 4515
Mean 1.334
RMS 0.6507
size [# of strips]

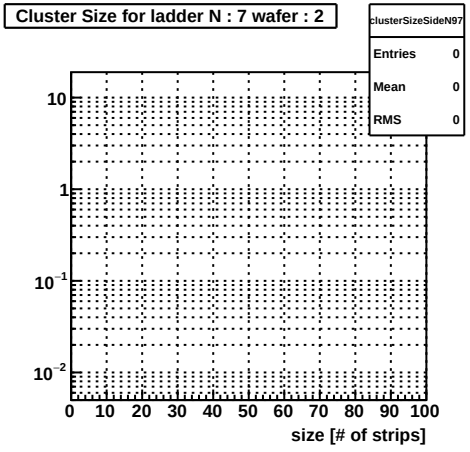

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

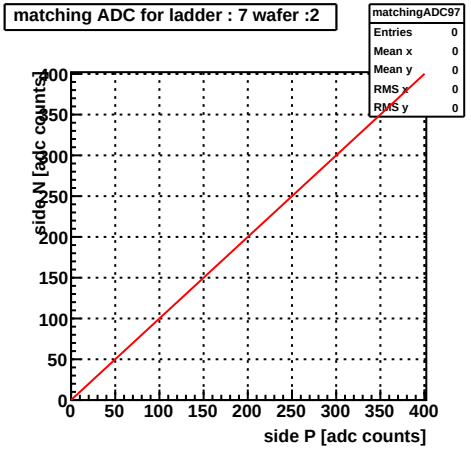

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

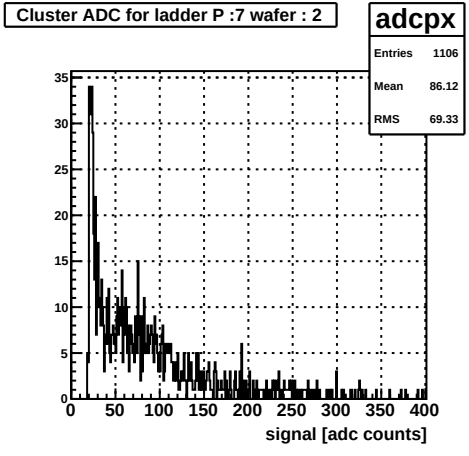

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 4515
Mean 50.37
RMS 47.91
signal [adc counts]

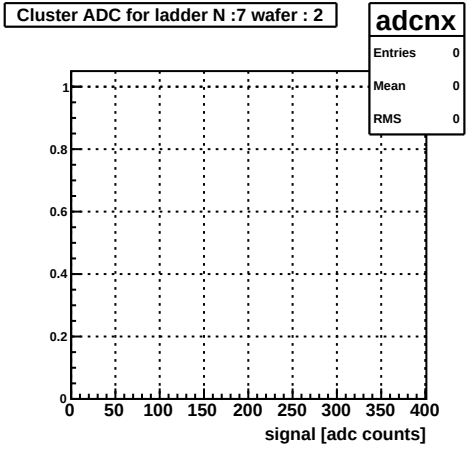

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

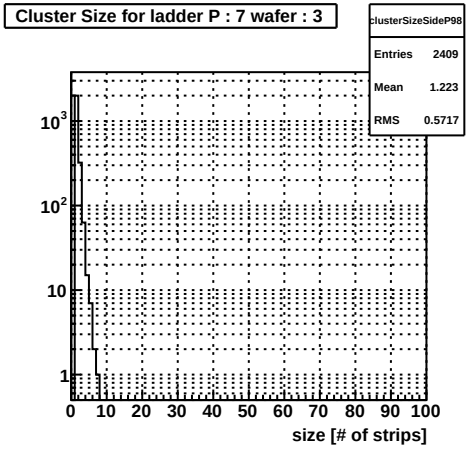

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1106
Mean 1.448
RMS 0.7639
size [# of strips]

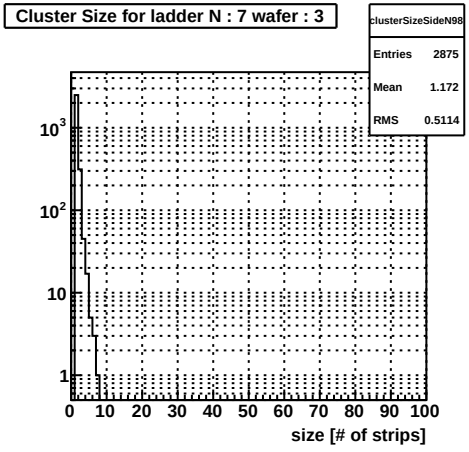

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

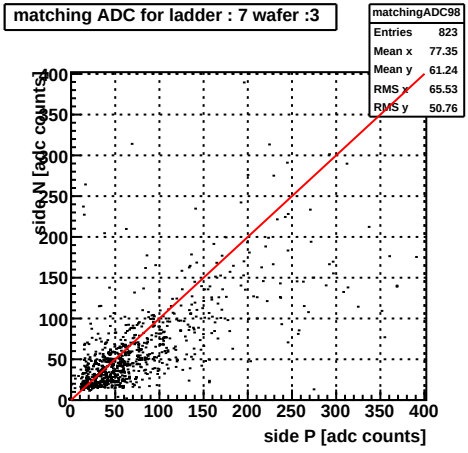

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

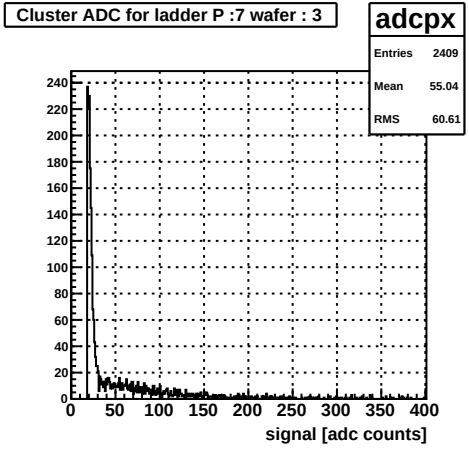

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1106
Mean 86.12
RMS 69.33
signal [adc counts]

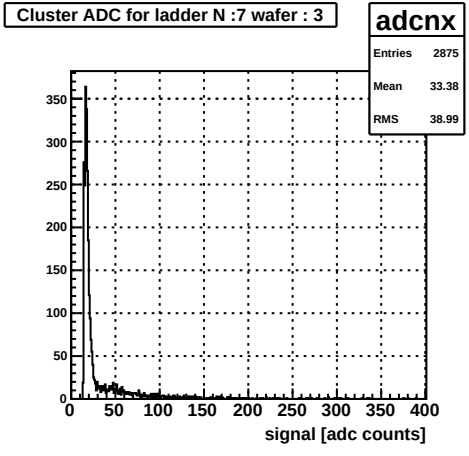

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

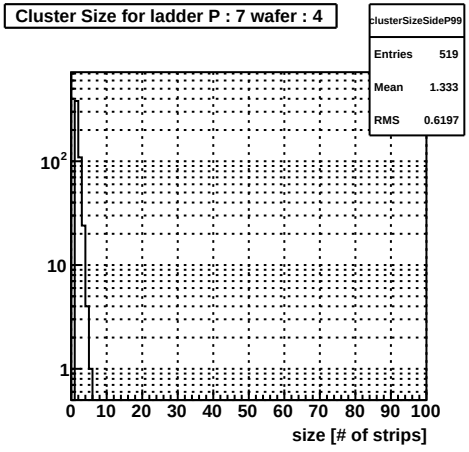

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 2409
Mean 1.223
RMS 0.5717
size [# of strips]

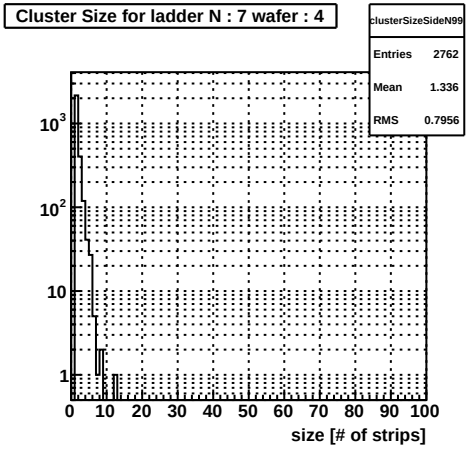

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 2875
Mean 1.172
RMS 0.5114
size [# of strips]

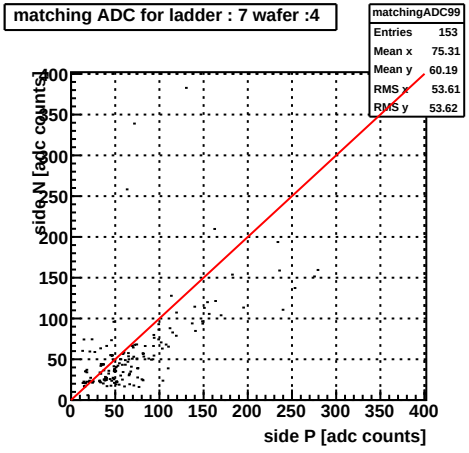

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 823
Mean x 77.35
Mean y 61.24
RMS x 65.53
RMS y 50.76
side N [adc counts]
side P [adc counts]

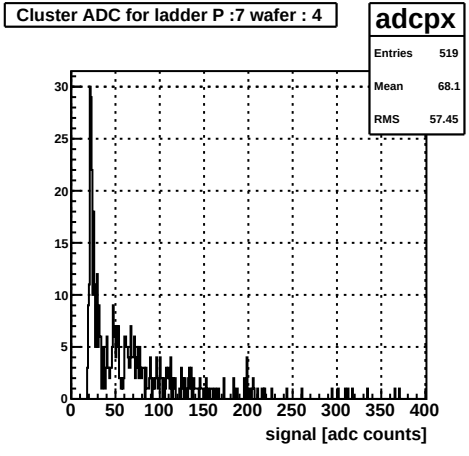

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 2409
Mean 55.04
RMS 60.61
signal [adc counts]

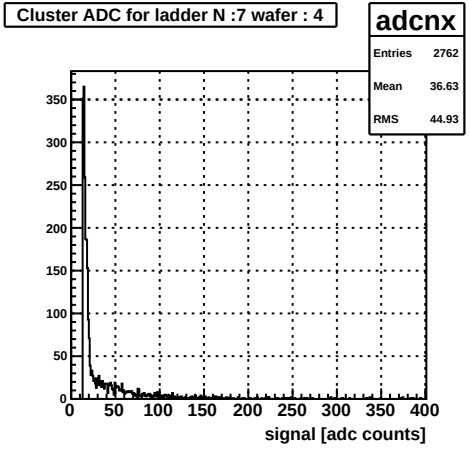

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 2875
Mean 33.38
RMS 38.99
signal [adc counts]

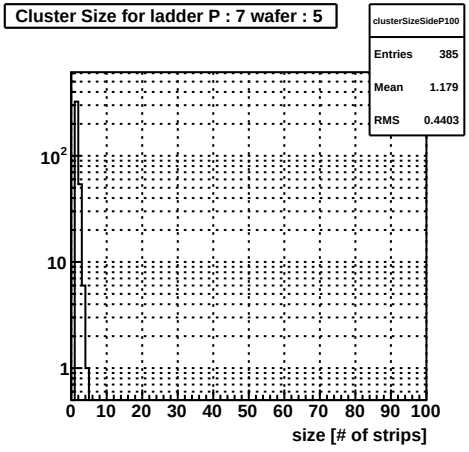

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 519
Mean 1.333
RMS 0.6197
size [# of strips]

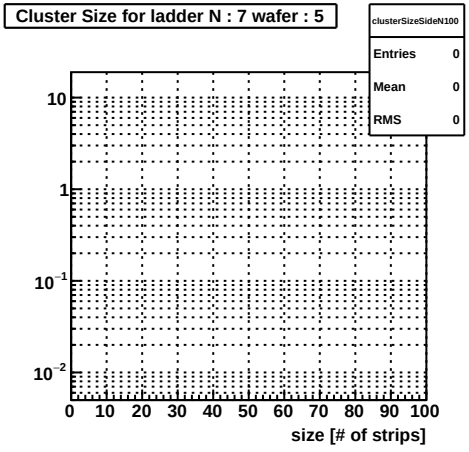

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 2762
Mean 1.336
RMS 0.7956
size [# of strips]

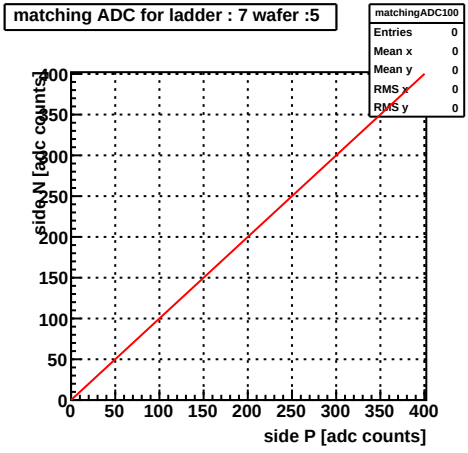

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 153
Mean x 75.31
Mean y 60.19
RMS x 53.61
RMS y 53.62
side N [adc counts]
side P [adc counts]

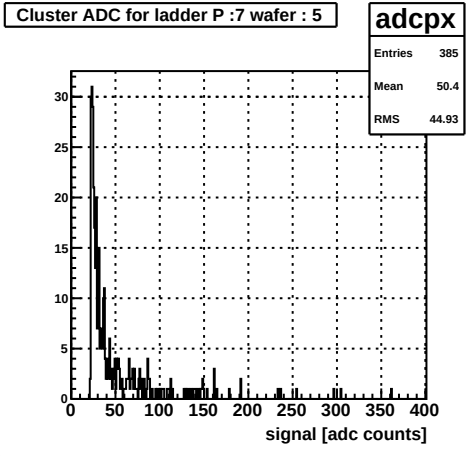

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 519
Mean 68.1
RMS 57.45
signal [adc counts]

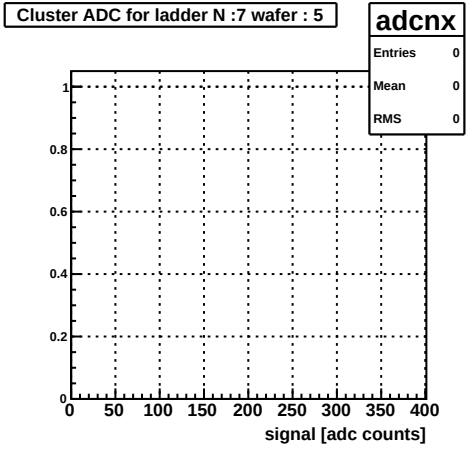

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 2762
Mean 36.63
RMS 44.93
signal [adc counts]

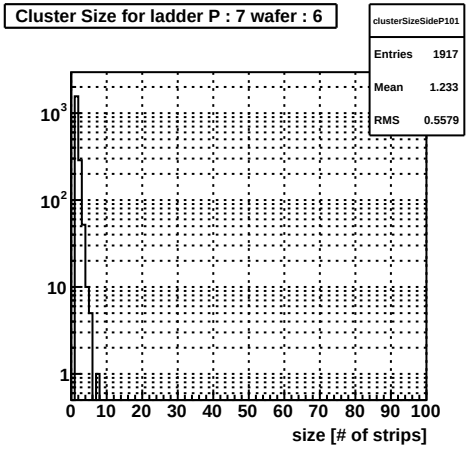

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 385
Mean 1.179
RMS 0.4403
size [# of strips]

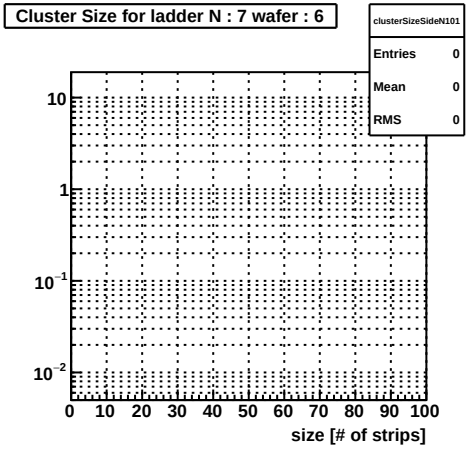

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

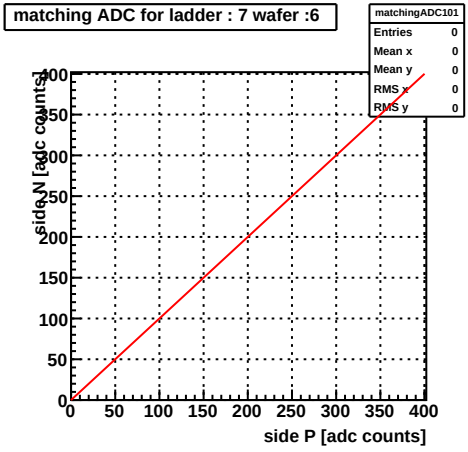

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

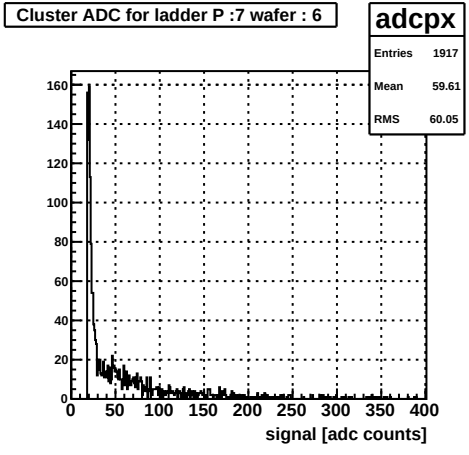

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 385
Mean 50.4
RMS 44.93
signal [adc counts]

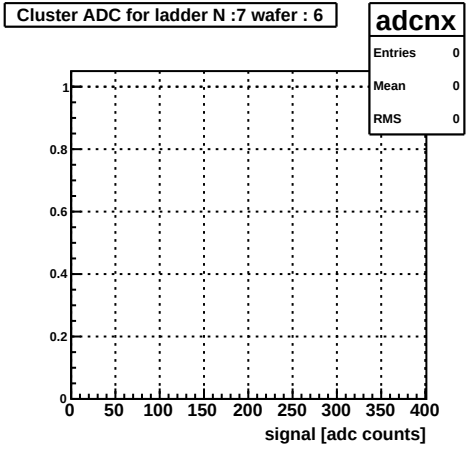

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

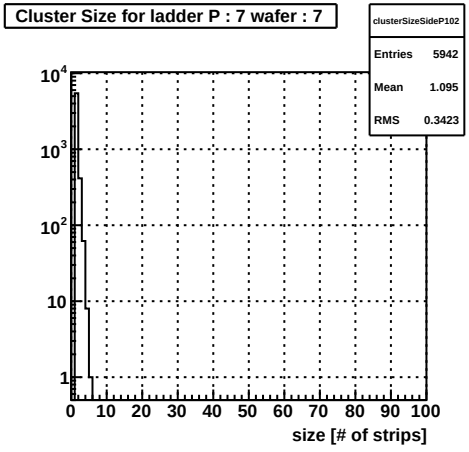

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 1917
Mean 1.233
RMS 0.5579
size [# of strips]

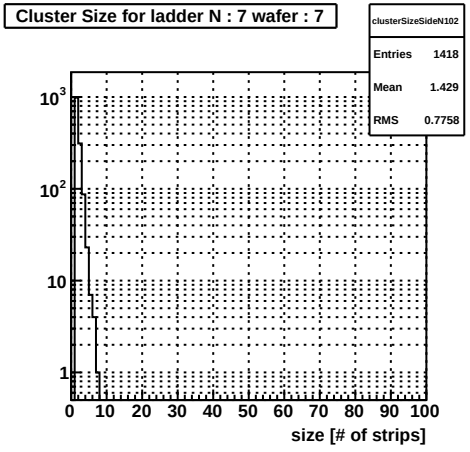

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

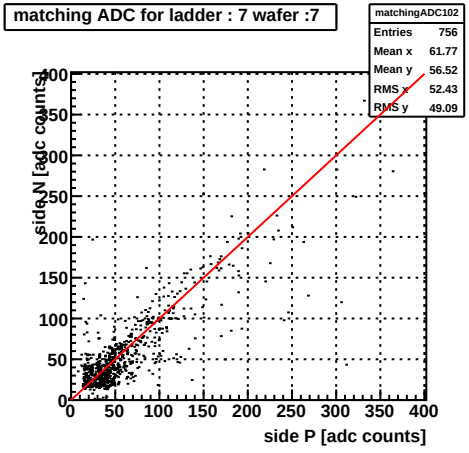

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

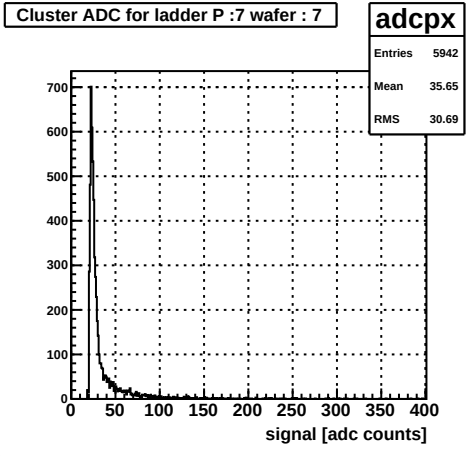

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 1917
Mean 59.61
RMS 60.05
signal [adc counts]

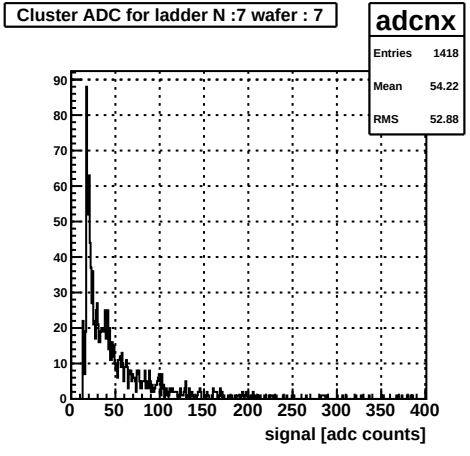

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

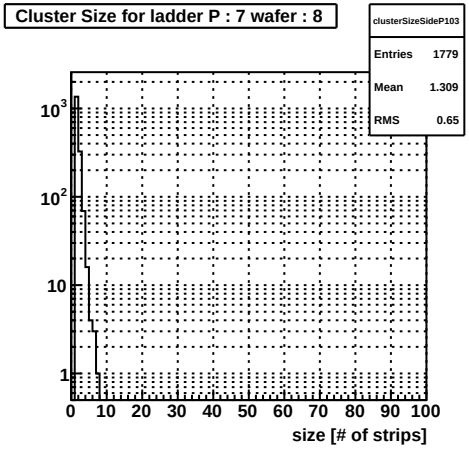

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 5942
Mean 1.095
RMS 0.3423
size [# of strips]

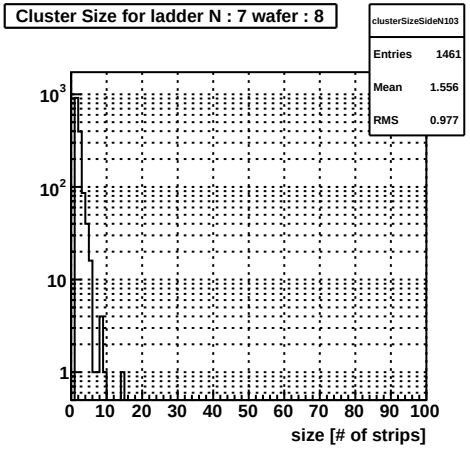

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1418
Mean 1.429
RMS 0.7758
size [# of strips]

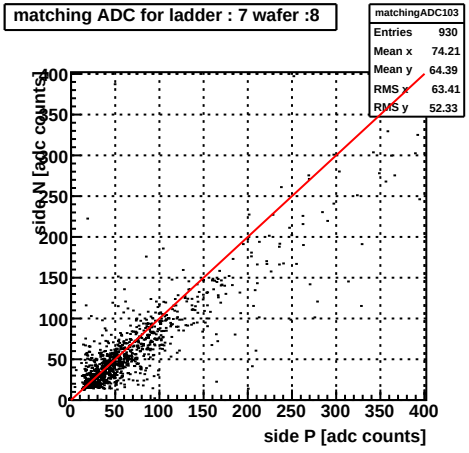

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 756
Mean x 61.77
Mean y 56.52
RMS x 52.43
RMS y 49.09
side N [adc counts]
side P [adc counts]

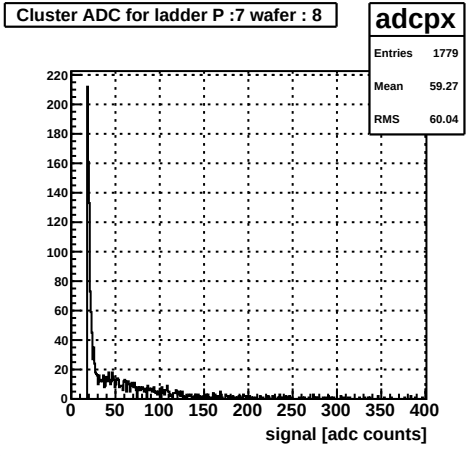

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 5942
Mean 35.65
RMS 30.69
signal [adc counts]

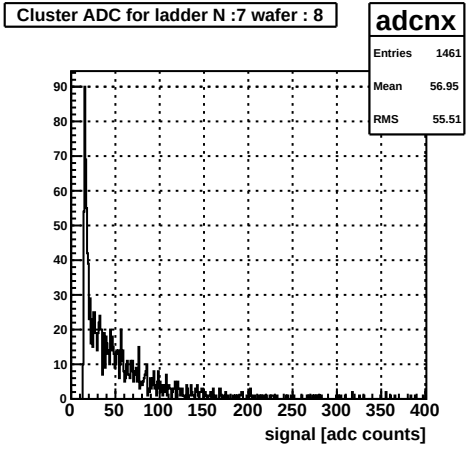

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1418
Mean 54.22
RMS 52.88
signal [adc counts]

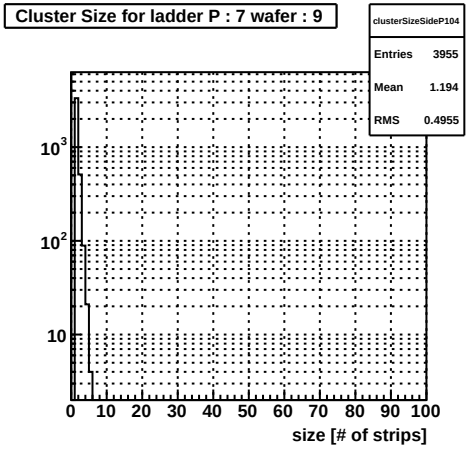

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1779
Mean 1.309
RMS 0.65
size [# of strips]

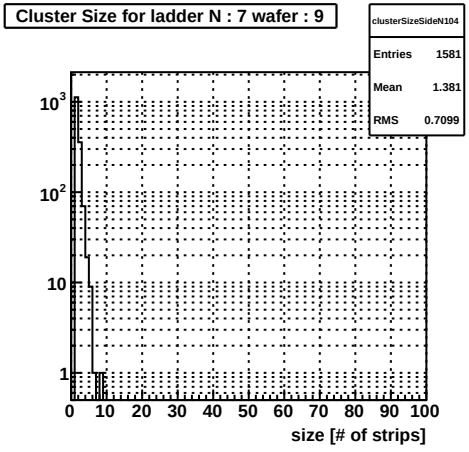

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1461
Mean 1.556
RMS 0.977
size [# of strips]

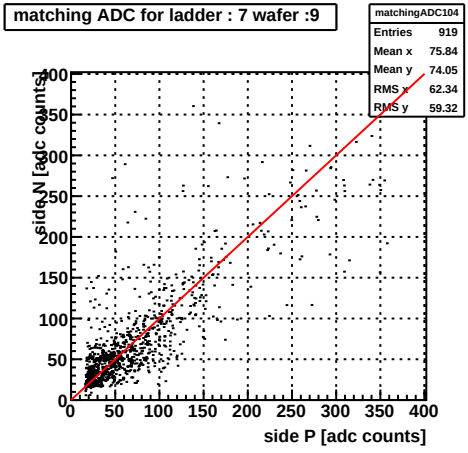

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 930
Mean x 74.21
Mean y 64.39
RMS x 63.41
RMS y 52.33
side N [adc counts]
side P [adc counts]

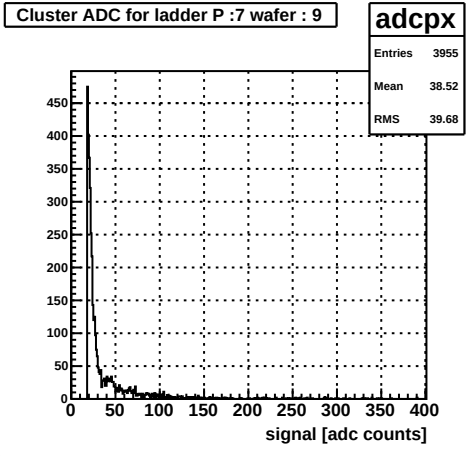

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1779
Mean 59.27
RMS 60.04
signal [adc counts]

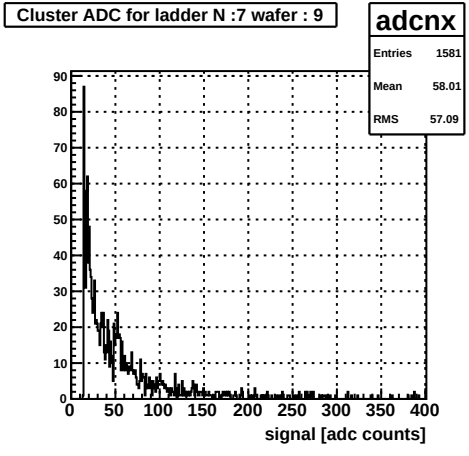

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1461
Mean 56.95
RMS 55.51
signal [adc counts]

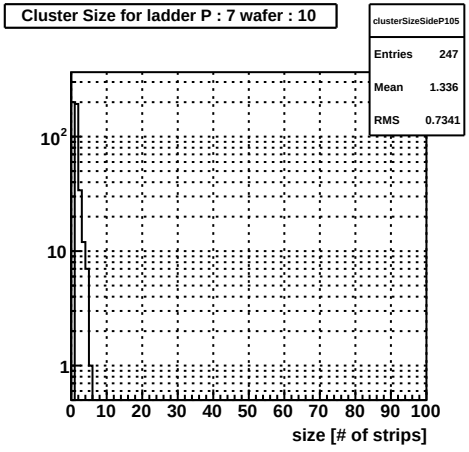

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 3955
Mean 1.194
RMS 0.4955
size [# of strips]

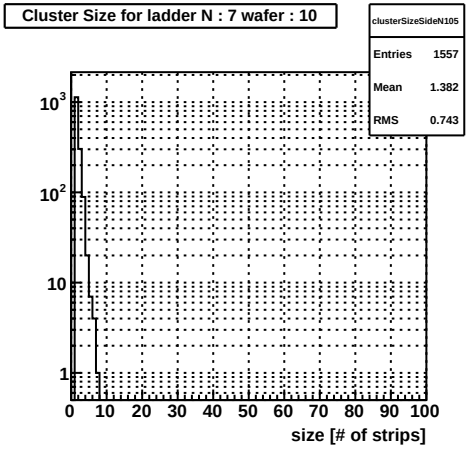

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1581
Mean 1.381
RMS 0.7099
size [# of strips]

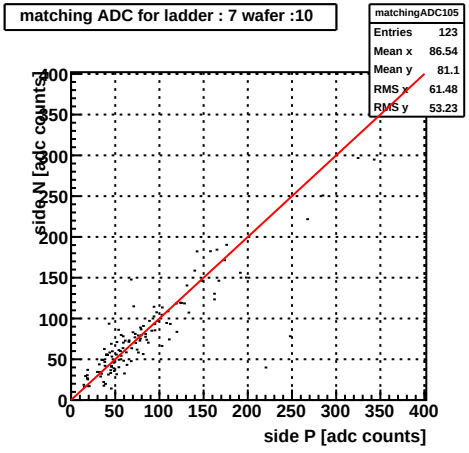

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 919
Mean x 75.84
Mean y 74.05
RMS x 62.34
RMS y 59.32
side N [adc counts]
side P [adc counts]

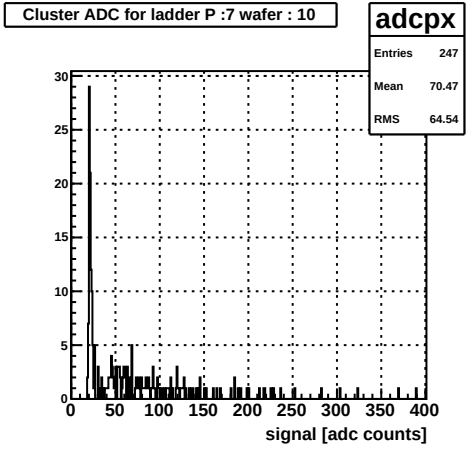

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 3955
Mean 38.52
RMS 39.68
signal [adc counts]

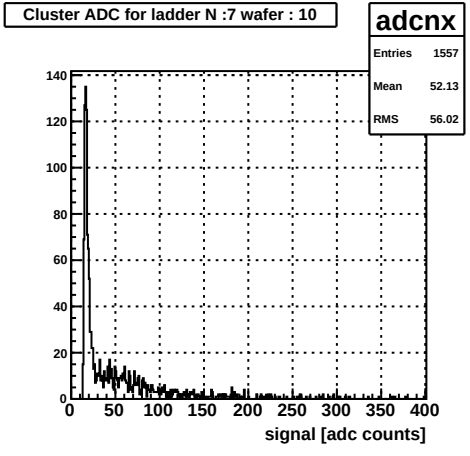

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1581
Mean 58.01
RMS 57.09
signal [adc counts]

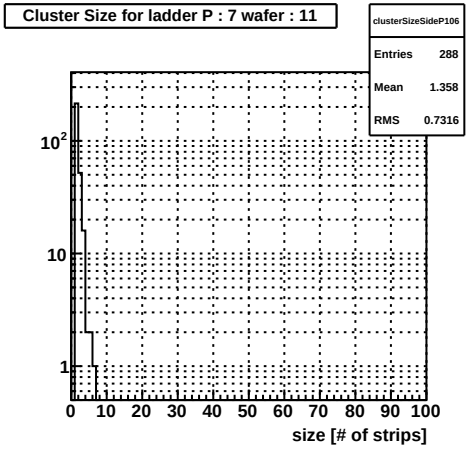

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 247
Mean 1.336
RMS 0.7341
size [# of strips]

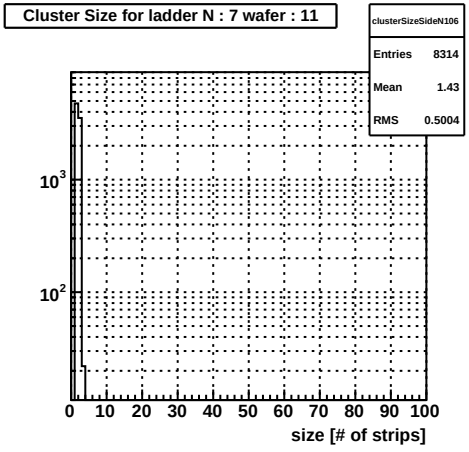

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1557
Mean 1.382
RMS 0.743
size [# of strips]

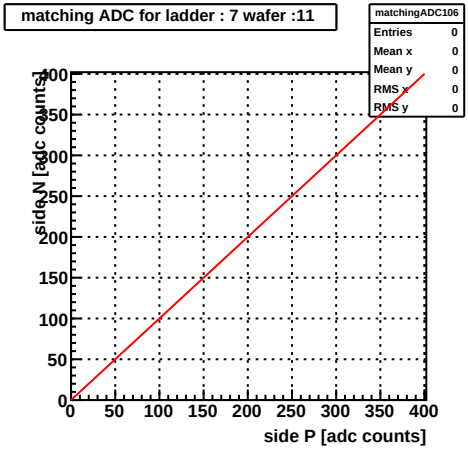

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 123
Mean x 86.54
Mean y 81.1
RMS x 61.48
RMS y 53.23
side N [adc counts]
side P [adc counts]

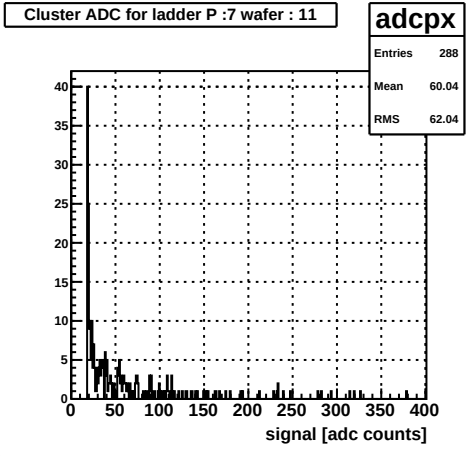

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 247
Mean 70.47
RMS 64.54
signal [adc counts]

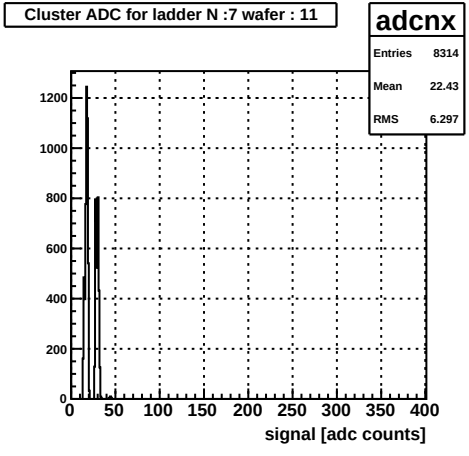

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1557
Mean 52.13
RMS 56.02
signal [adc counts]

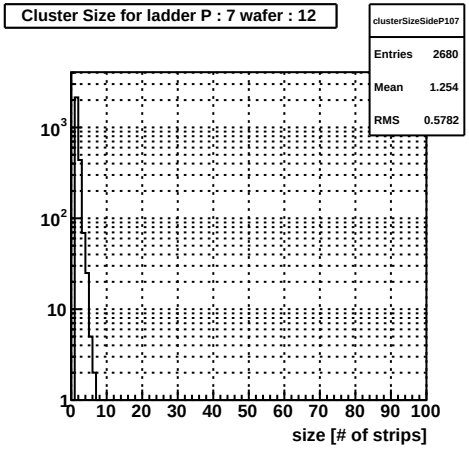

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 288
Mean 1.358
RMS 0.7316
size [# of strips]

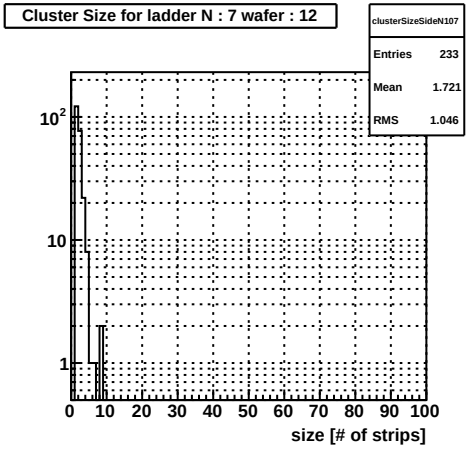

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 8314
Mean 1.43
RMS 0.5004
size [# of strips]

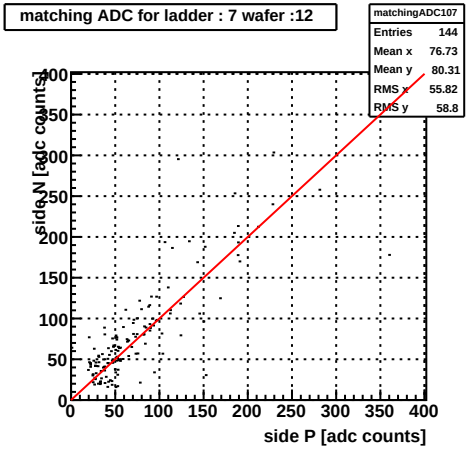

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

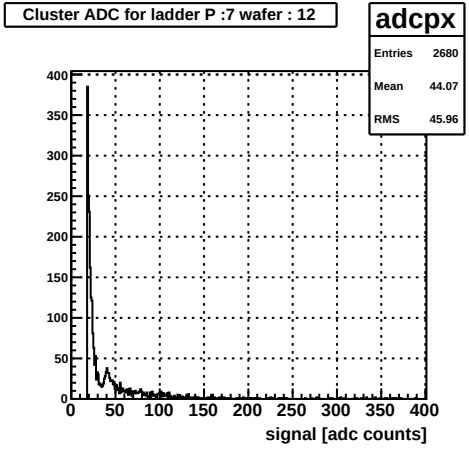

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 288
Mean 60.04
RMS 62.04
signal [adc counts]

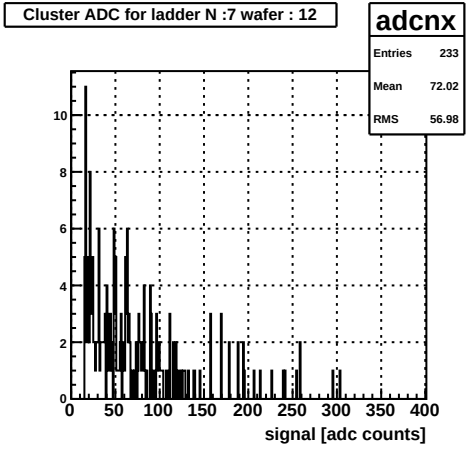

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 8314
Mean 22.43
RMS 6.297
signal [adc counts]

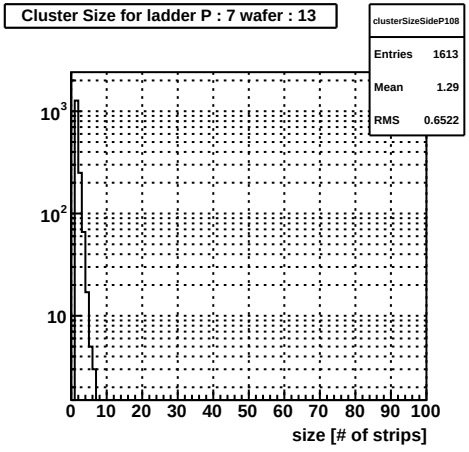

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2680
Mean 1.254
RMS 0.5782
size [# of strips]

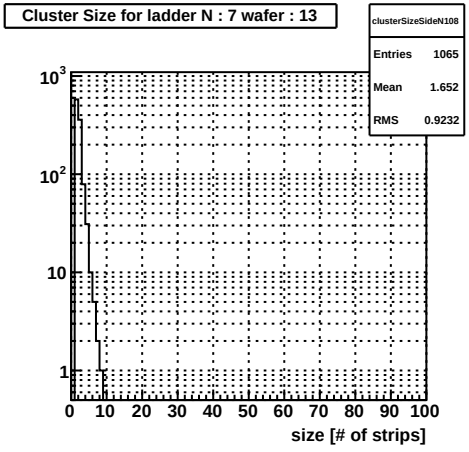

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 233
Mean 1.721
RMS 1.046
size [# of strips]

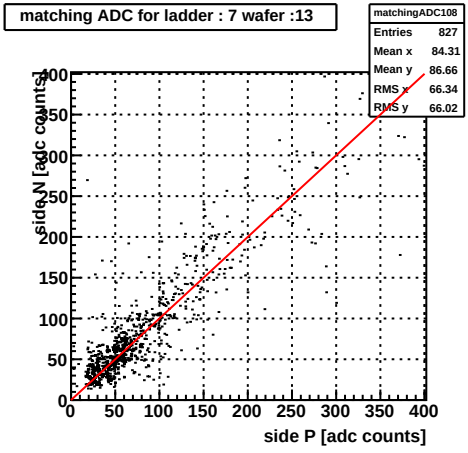

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 144
Mean x 76.73
Mean y 80.31
RMS x 55.82
RMS y 58.8
side N [adc counts]
side P [adc counts]

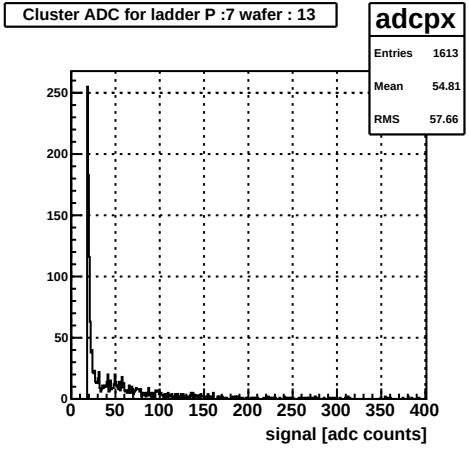

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2680
Mean 44.07
RMS 45.96
signal [adc counts]

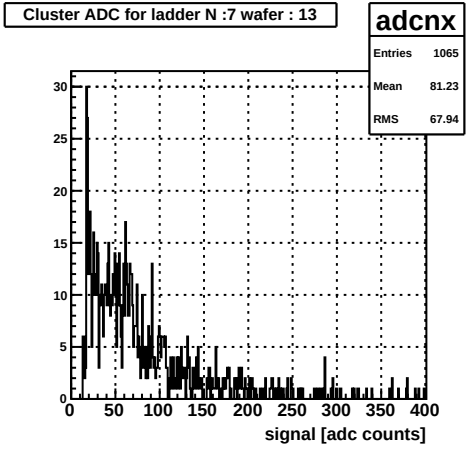

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 233
Mean 72.02
RMS 56.98
signal [adc counts]

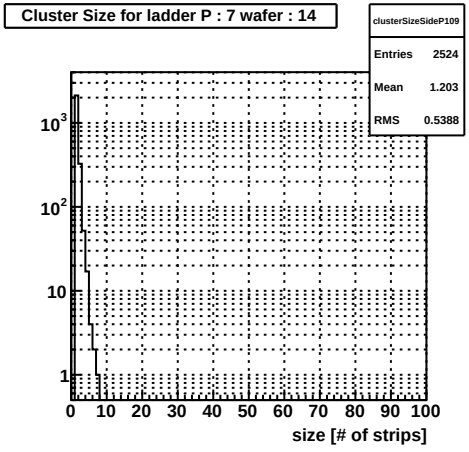

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1613
Mean 1.29
RMS 0.6522
size [# of strips]

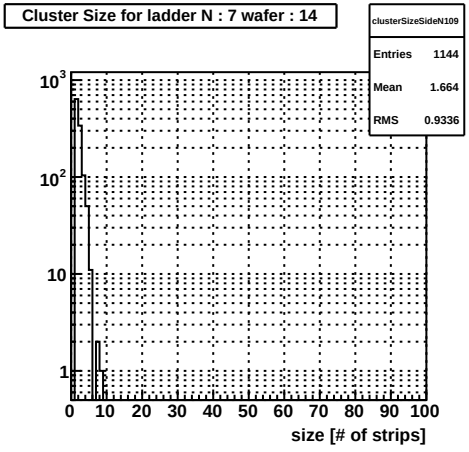

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1065
Mean 1.652
RMS 0.9232
size [# of strips]

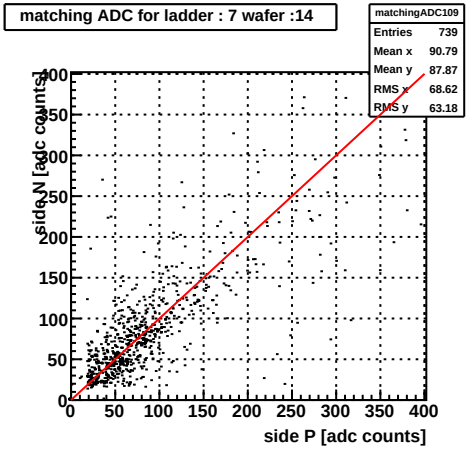

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 827
Mean x 84.31
Mean y 86.66
RMS x 66.34
RMS y 66.02
side N [adc counts]
side P [adc counts]

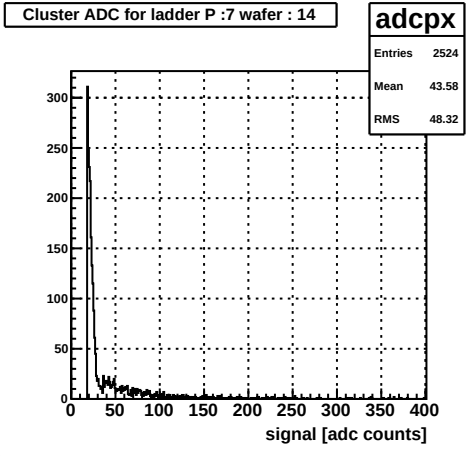

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1613
Mean 54.81
RMS 57.66
signal [adc counts]

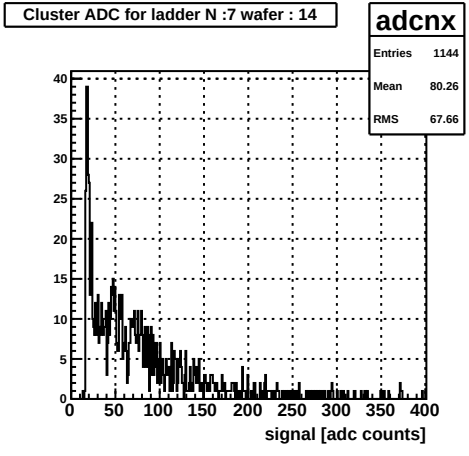

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1065
Mean 81.23
RMS 67.94
signal [adc counts]

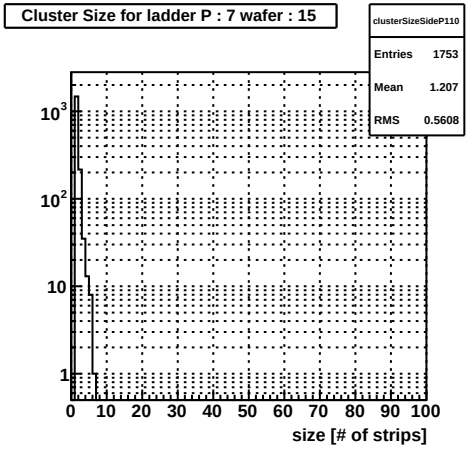

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2524
Mean 1.203
RMS 0.5388
size [# of strips]

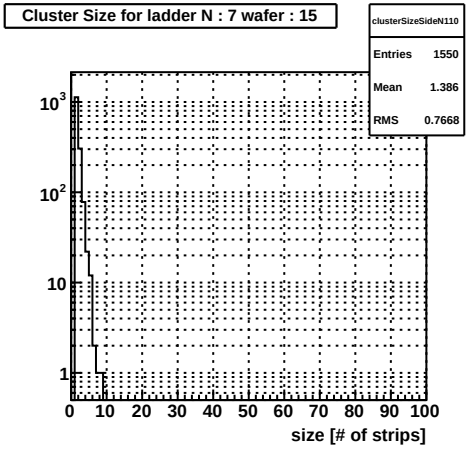

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1144
Mean 1.664
RMS 0.9336
size [# of strips]

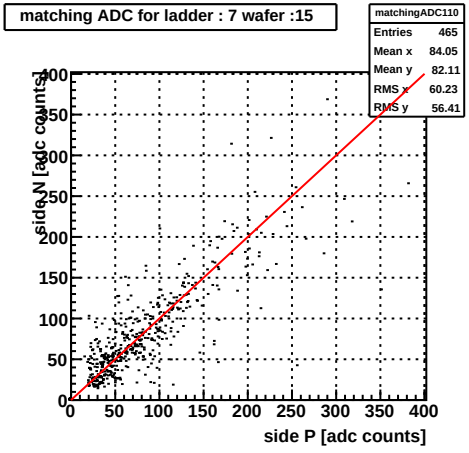

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 739
Mean x 90.79
Mean y 87.87
RMS x 68.62
RMS y 63.18
side N [adc counts]
side P [adc counts]

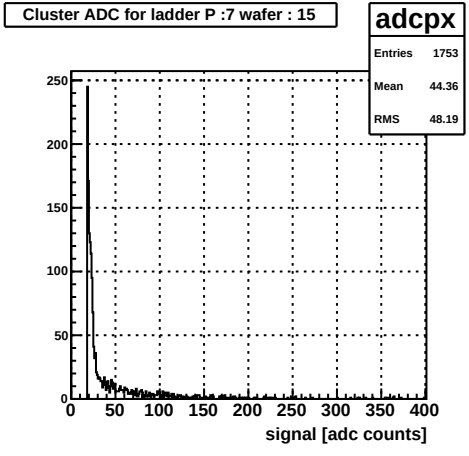

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2524
Mean 43.58
RMS 48.32
signal [adc counts]

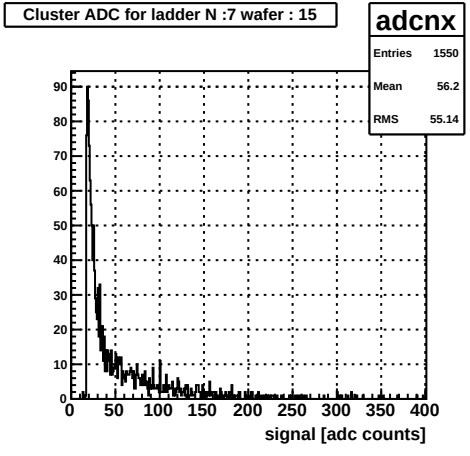

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1144
Mean 80.26
RMS 67.66
signal [adc counts]

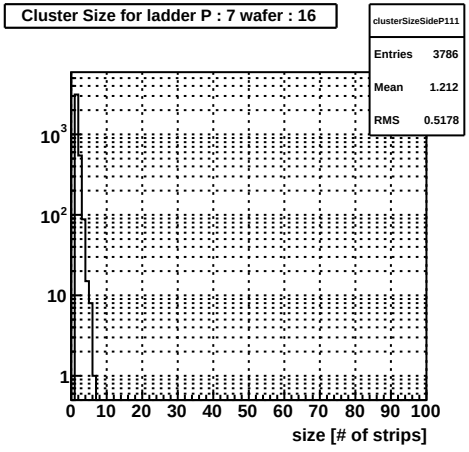

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1753
Mean 1.207
RMS 0.5608
size [# of strips]

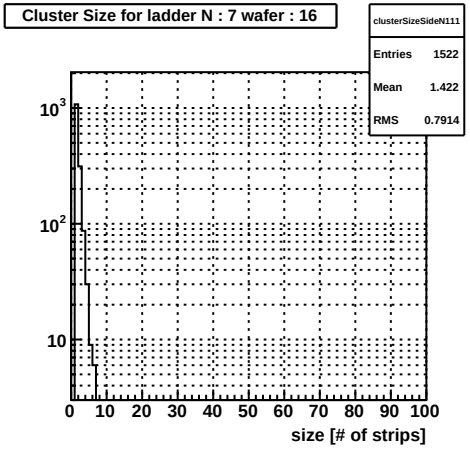

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1550
Mean 1.386
RMS 0.7668
size [# of strips]

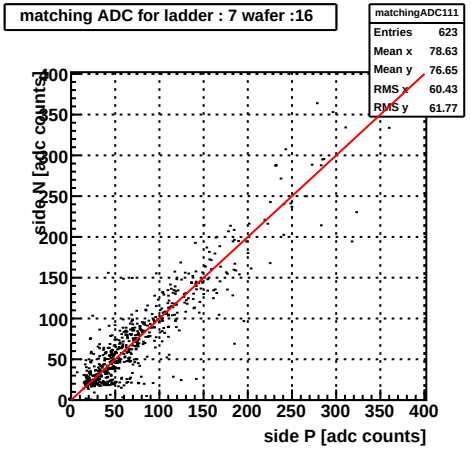

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 465
Mean x 84.05
Mean y 82.11
RMS x 60.23
RMS y 56.41
side N [adc counts]
side P [adc counts]

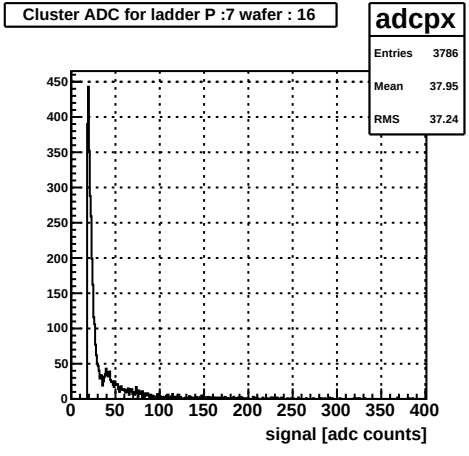

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1753
Mean 44.36
RMS 48.19
signal [adc counts]

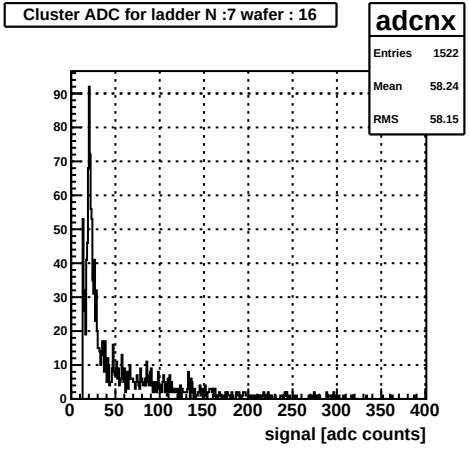

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1550
Mean 56.2
RMS 55.14
signal [adc counts]

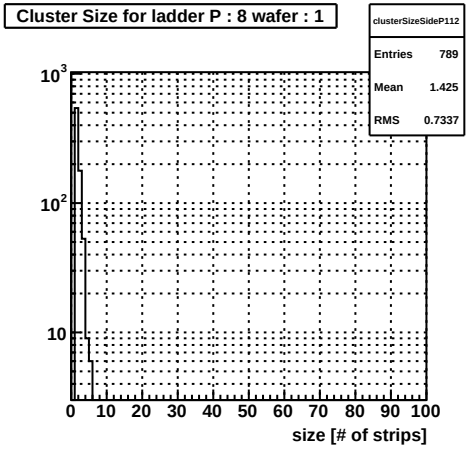

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 3786
Mean 1.212
RMS 0.5178
size [# of strips]

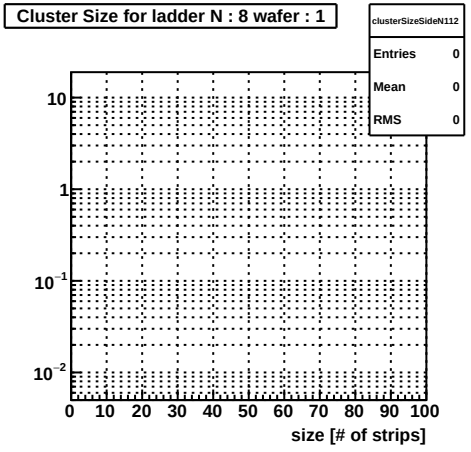

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1522
Mean 1.422
RMS 0.7914
size [# of strips]

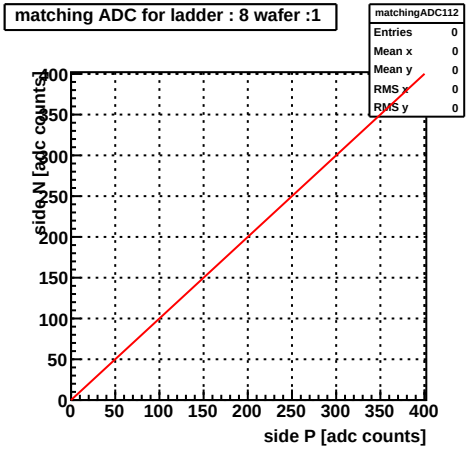

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 623
Mean x 78.63
Mean y 76.65
RMS x 60.43
RMS y 61.77
side N [adc counts]
side P [adc counts]

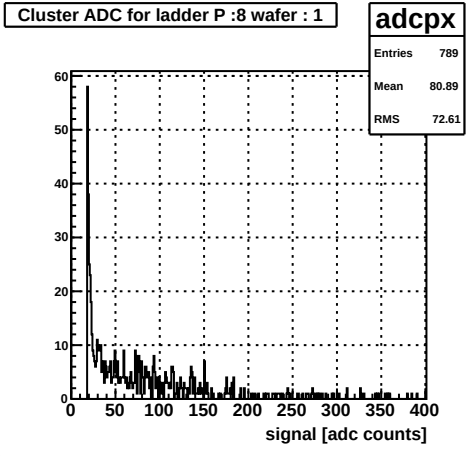

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 3786
Mean 37.95
RMS 37.24
signal [adc counts]

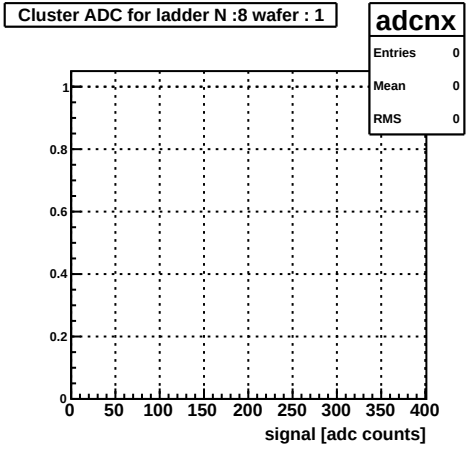

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1522
Mean 58.24
RMS 58.15
signal [adc counts]

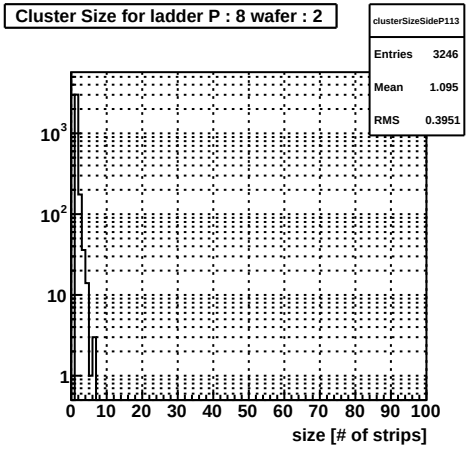

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 789
Mean 1.425
RMS 0.7337
size [# of strips]

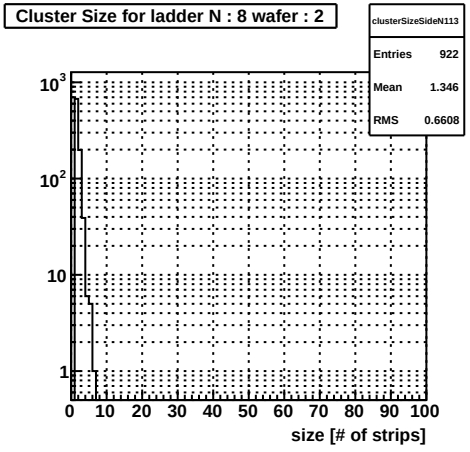

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

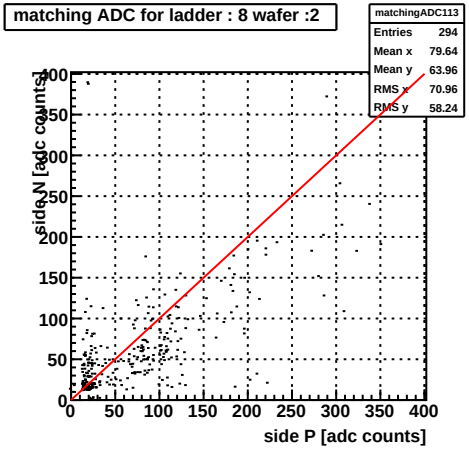

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

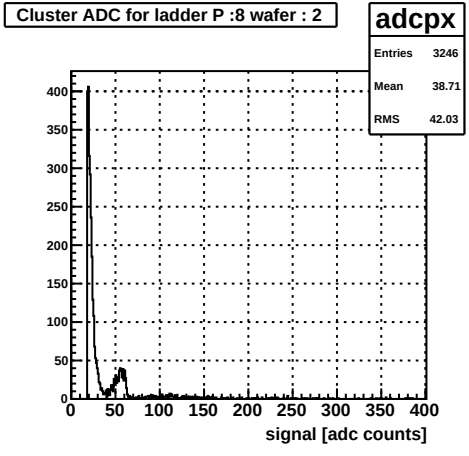

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 789
Mean 80.89
RMS 72.61
signal [adc counts]

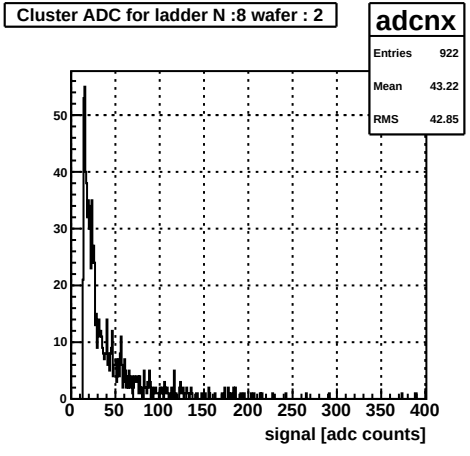

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

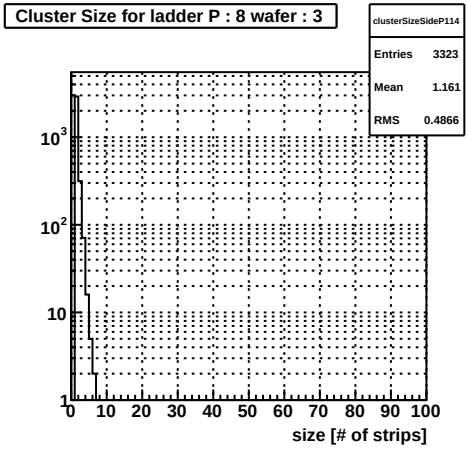

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 3246
Mean 1.095
RMS 0.3951
size [# of strips]

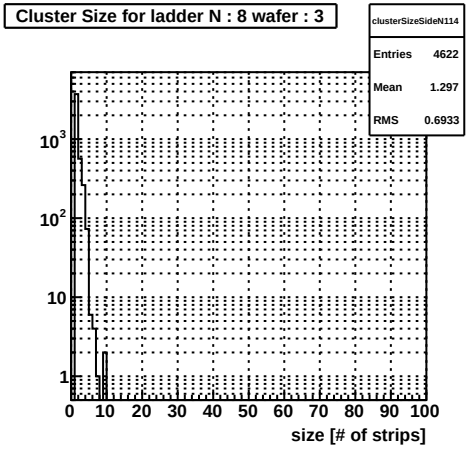

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 922
Mean 1.346
RMS 0.6608
size [# of strips]

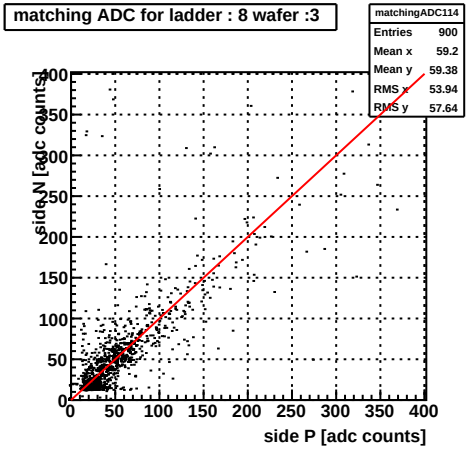

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 294
Mean x 79.64
Mean y 63.96
RMS x 70.96
RMS y 58.24
side N [adc counts]
side P [adc counts]

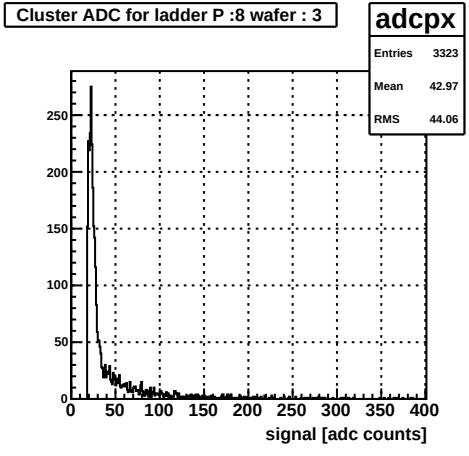

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 3246
Mean 38.71
RMS 42.03
signal [adc counts]

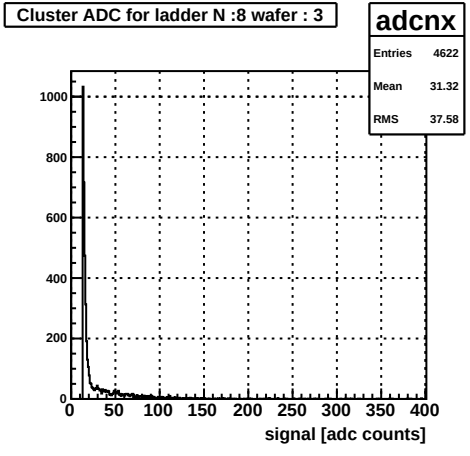

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 922
Mean 43.22
RMS 42.85
signal [adc counts]

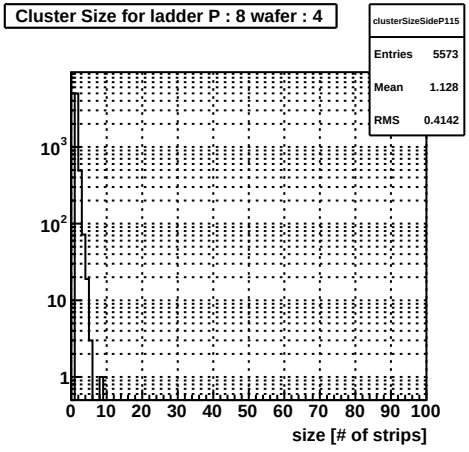

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 3323
Mean 1.161
RMS 0.4866
size [# of strips]

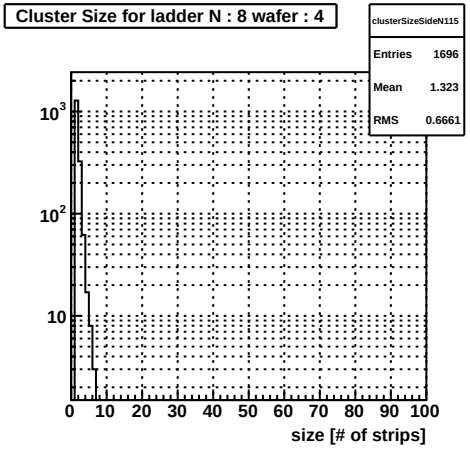

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 4622
Mean 1.297
RMS 0.6933
size [# of strips]

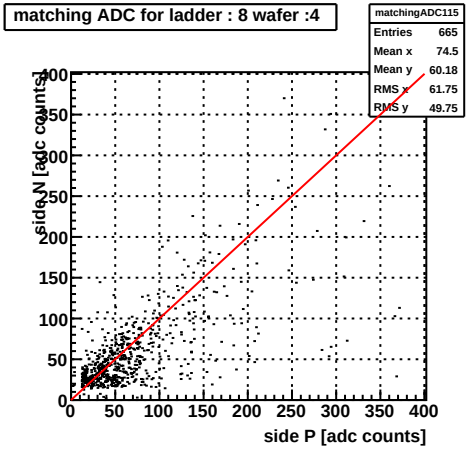

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 900
Mean x 59.2
Mean y 59.38
RMS x 53.94
RMS y 57.64
side N [adc counts]
side P [adc counts]

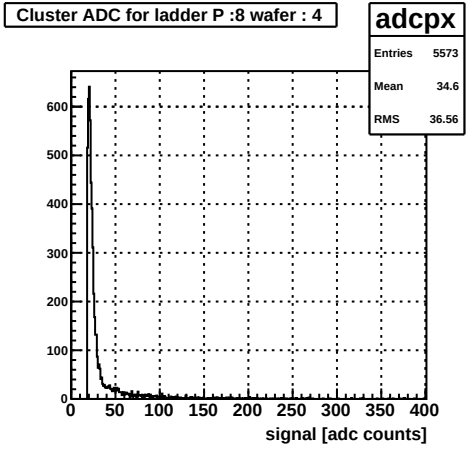

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 3323
Mean 42.97
RMS 44.06
signal [adc counts]

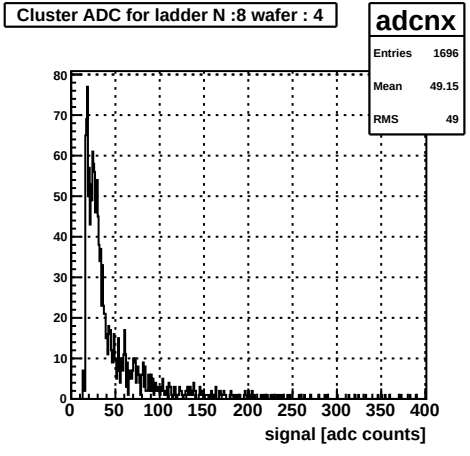

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 4622
Mean 31.32
RMS 37.58
signal [adc counts]

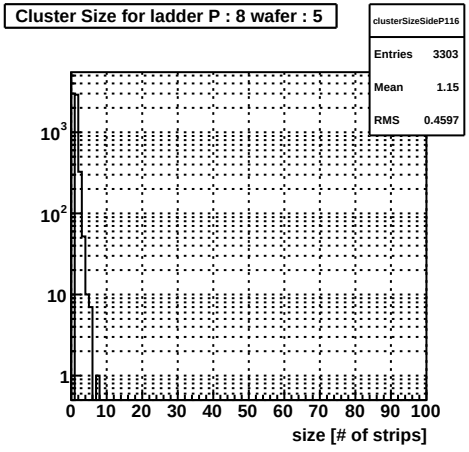

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 5573
Mean 1.128
RMS 0.4142
size [# of strips]

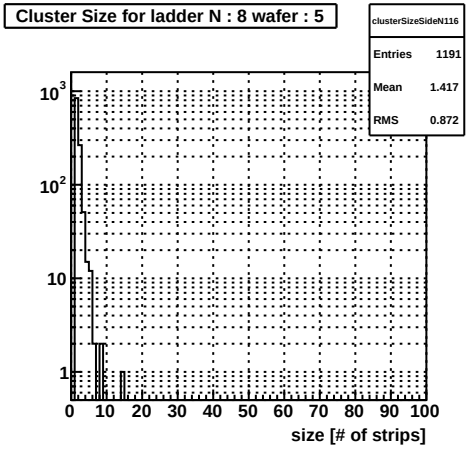

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 1696
Mean 1.323
RMS 0.6661
size [# of strips]

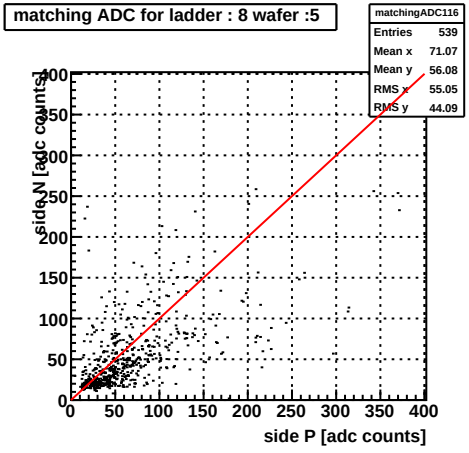

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 665
Mean x 74.5
Mean y 60.18
RMS x 61.75
RMS y 49.75
side N [adc counts]
side P [adc counts]

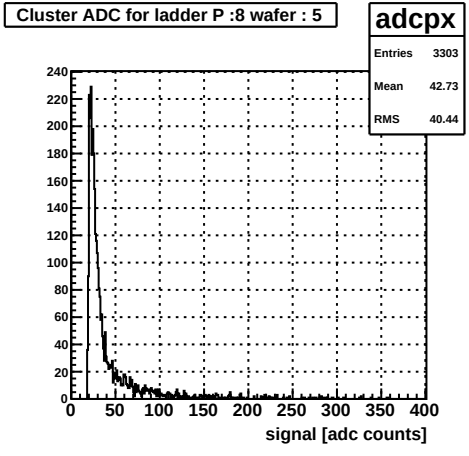

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 5573
Mean 34.6
RMS 36.56
signal [adc counts]

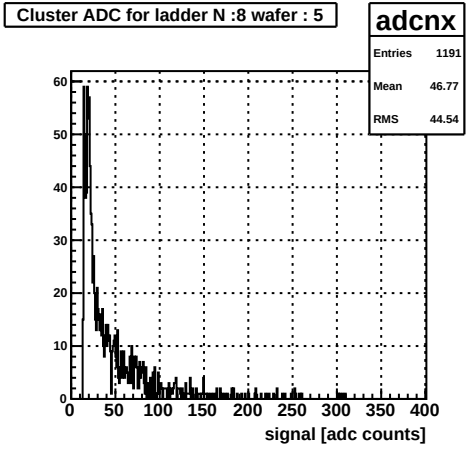

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 1696
Mean 49.15
RMS 49
signal [adc counts]

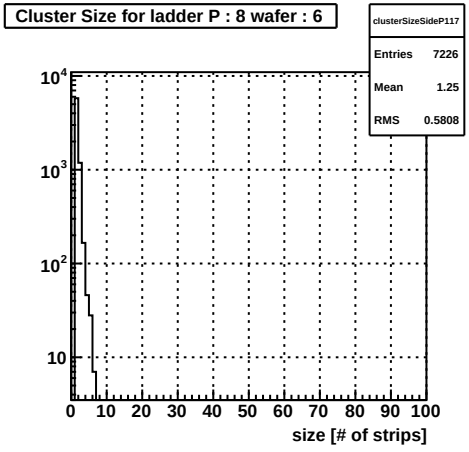

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 3303
Mean 1.15
RMS 0.4597
size [# of strips]

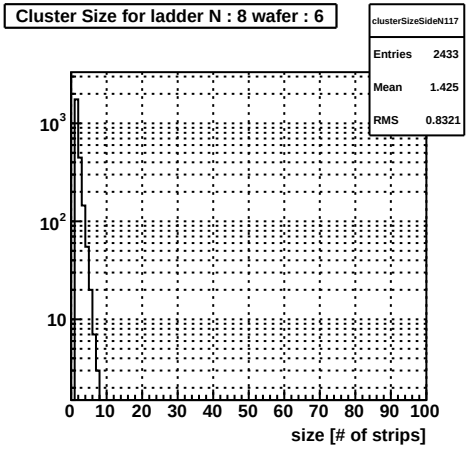

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1191
Mean 1.417
RMS 0.872
size [# of strips]

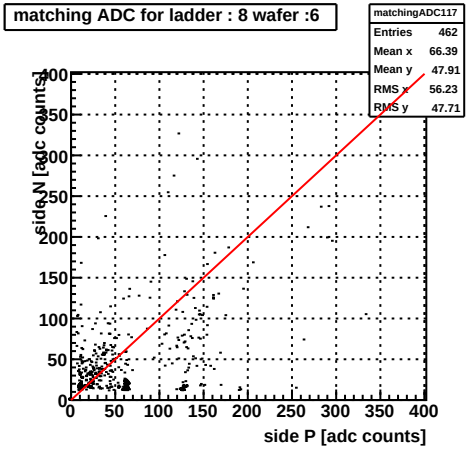

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 539
Mean x 71.07
Mean y 56.08
RMS x 55.05
RMS y 44.09
side N [adc counts]
side P [adc counts]

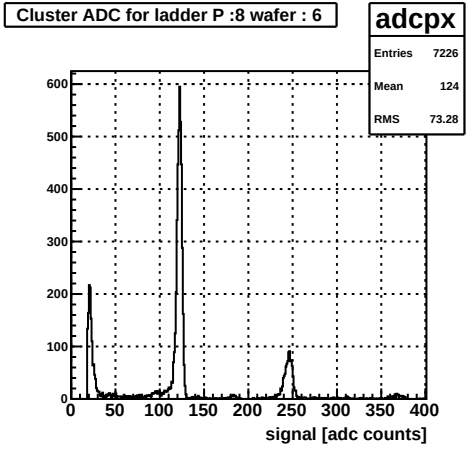

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 3303
Mean 42.73
RMS 40.44
signal [adc counts]

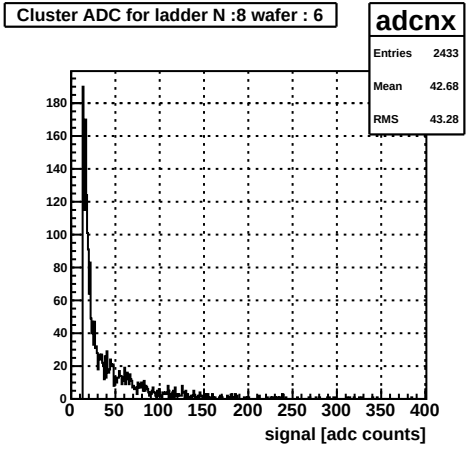

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1191
Mean 46.77
RMS 44.54
signal [adc counts]

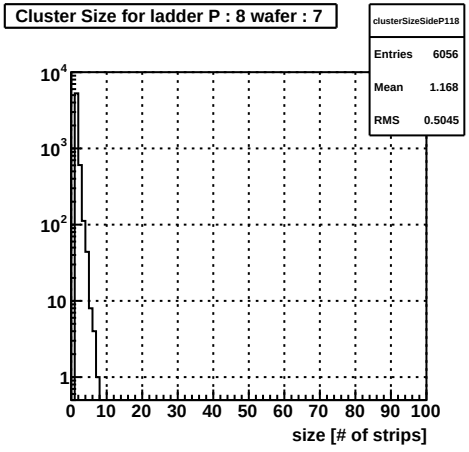

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 7226
Mean 1.25
RMS 0.5808
size [# of strips]

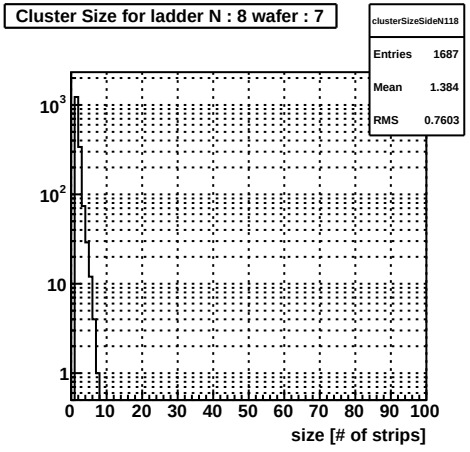

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 2433
Mean 1.425
RMS 0.8321
size [# of strips]

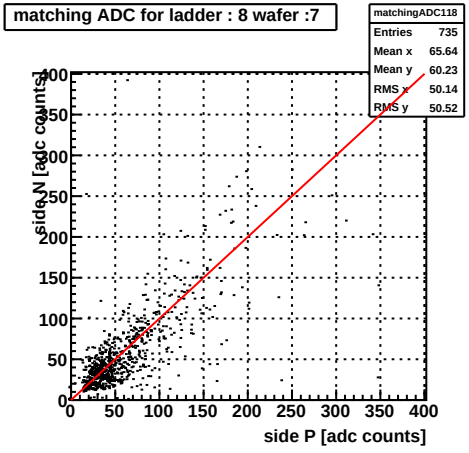

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 462
Mean x 66.39
Mean y 47.91
RMS x 56.23
RMS y 47.71
side N [adc counts]
side P [adc counts]

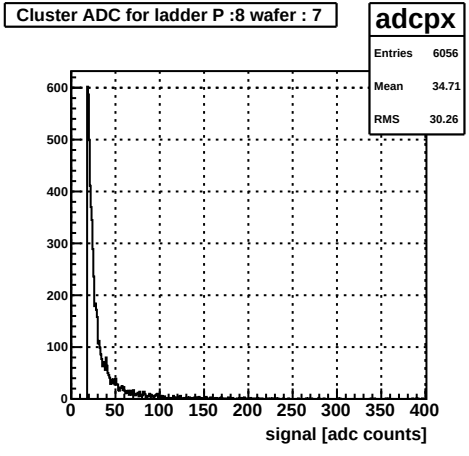

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 7226
Mean 124
RMS 73.28
signal [adc counts]

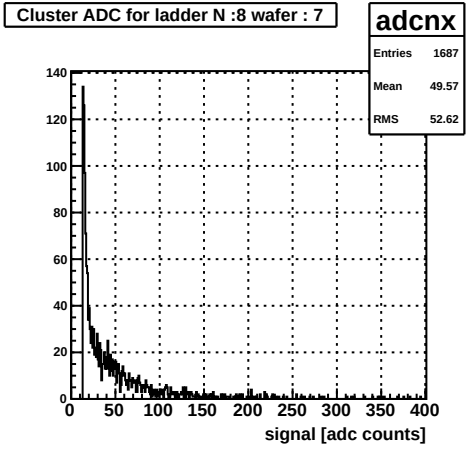

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 2433
Mean 42.68
RMS 43.28
signal [adc counts]

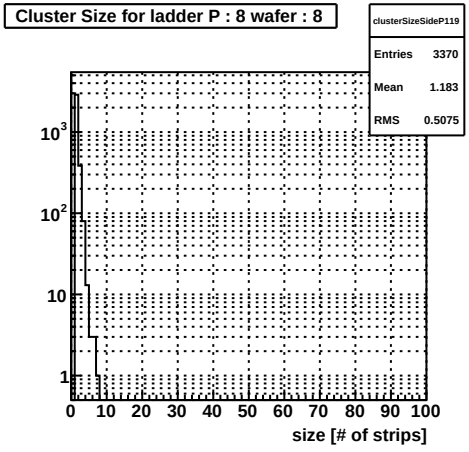

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 6056
Mean 1.168
RMS 0.5045
size [# of strips]

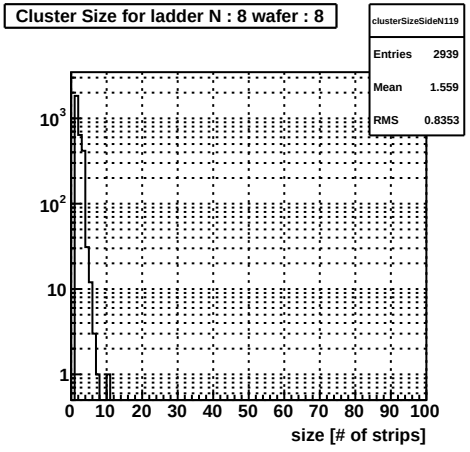

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1687
Mean 1.384
RMS 0.7603
size [# of strips]

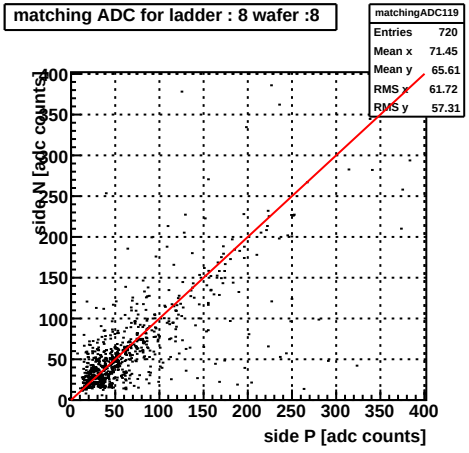

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 735
Mean x 65.64
Mean y 60.23
RMS x 50.14
RMS y 50.52
side N [adc counts]
side P [adc counts]

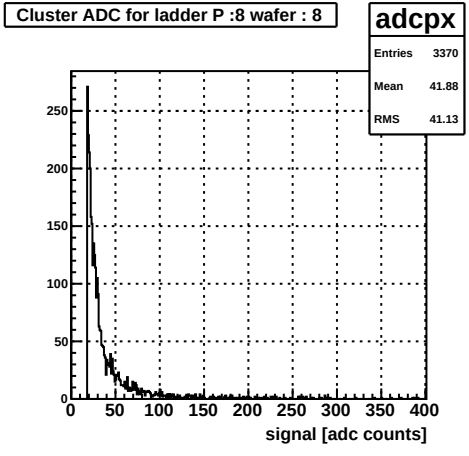

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 6056
Mean 34.71
RMS 30.26
signal [adc counts]

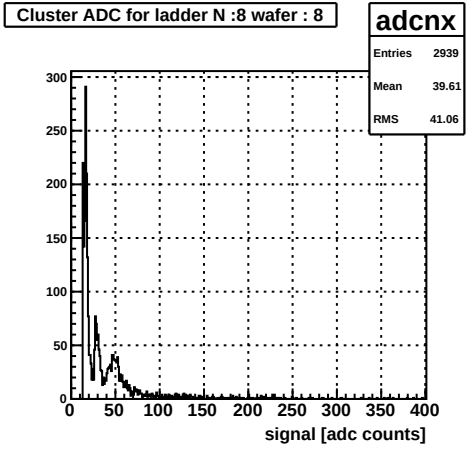

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1687
Mean 49.57
RMS 52.62
signal [adc counts]

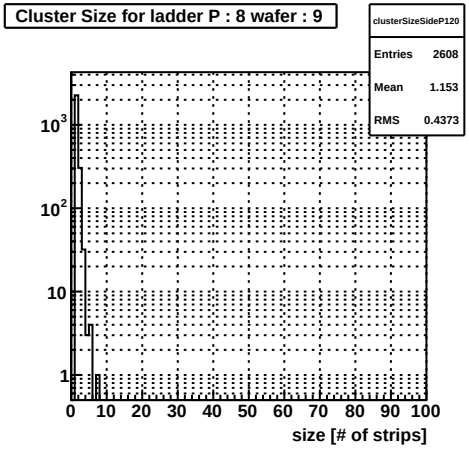

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 3370
Mean 1.183
RMS 0.5075
size [# of strips]

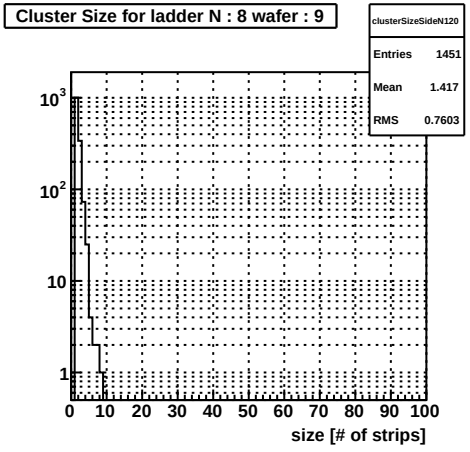

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2939
Mean 1.559
RMS 0.8353
size [# of strips]

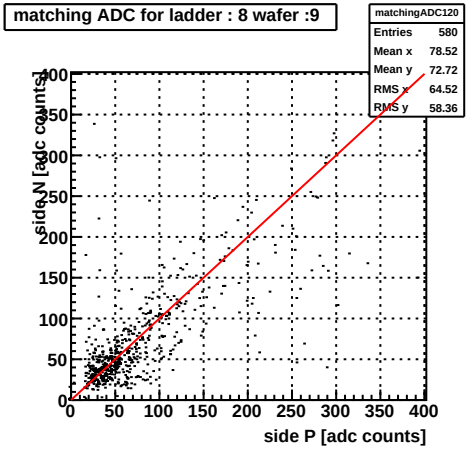

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 720
Mean x 71.45
Mean y 65.61
RMS x 61.72
RMS y 57.31
side N [adc counts]
side P [adc counts]

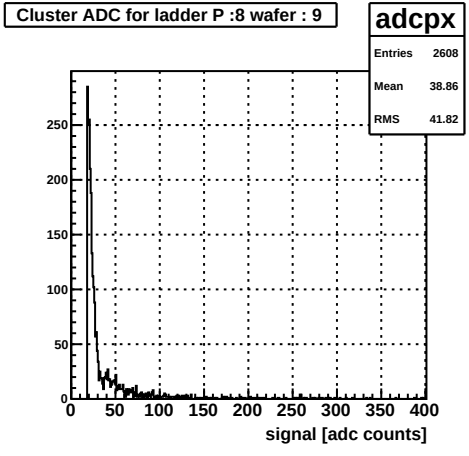

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 3370
Mean 41.88
RMS 41.13
signal [adc counts]

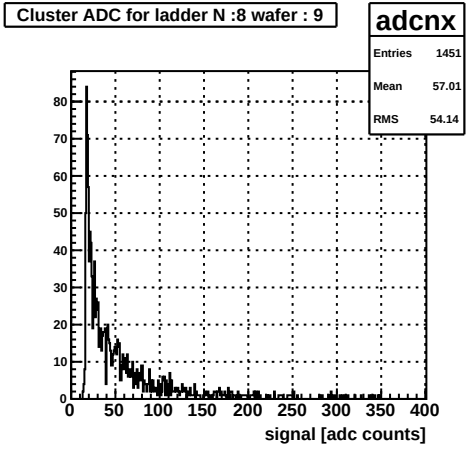

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2939
Mean 39.61
RMS 41.06
signal [adc counts]

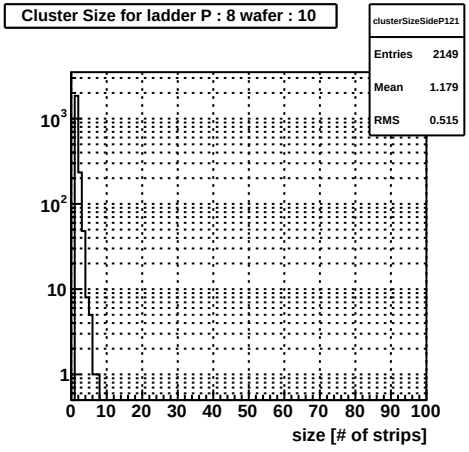

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2608
Mean 1.153
RMS 0.4373
size [# of strips]

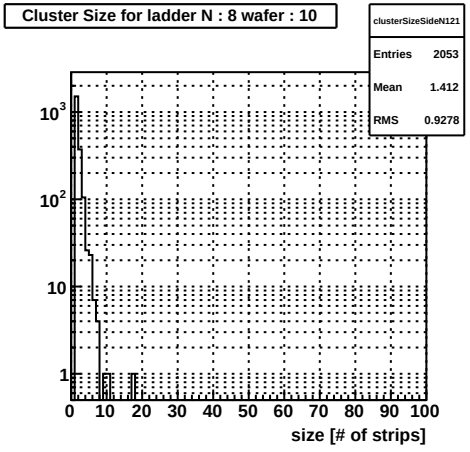

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1451
Mean 1.417
RMS 0.7603
size [# of strips]

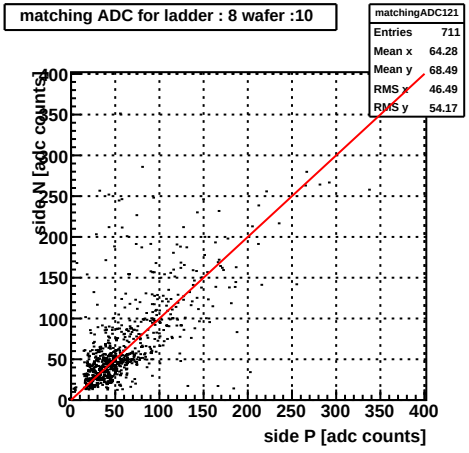

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 580
Mean x 78.52
Mean y 72.72
RMS x 64.52
RMS y 58.36
side N [adc counts]
side P [adc counts]

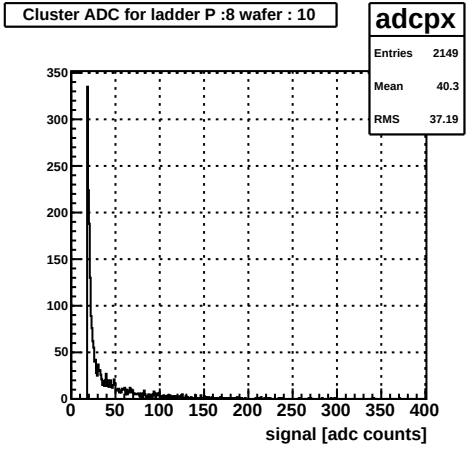

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2608
Mean 38.86
RMS 41.82
signal [adc counts]

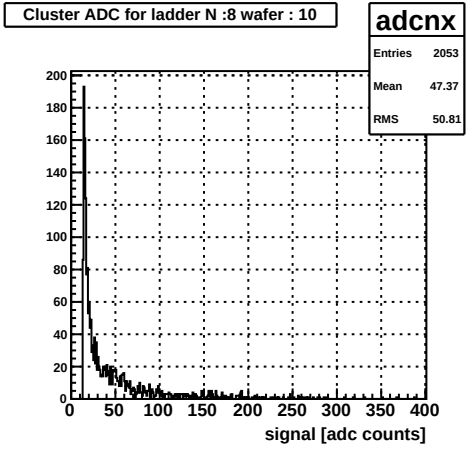

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1451
Mean 57.01
RMS 54.14
signal [adc counts]

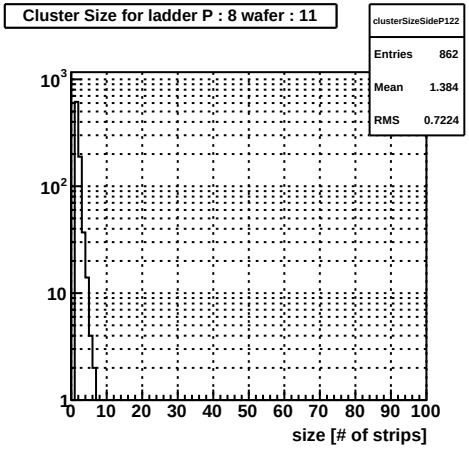

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2149
Mean 1.179
RMS 0.515
size [# of strips]

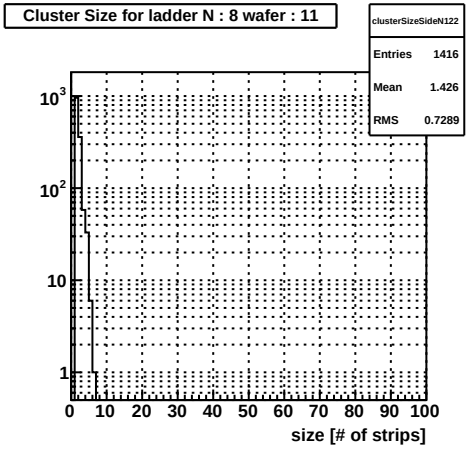

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2053
Mean 1.412
RMS 0.9278
size [# of strips]

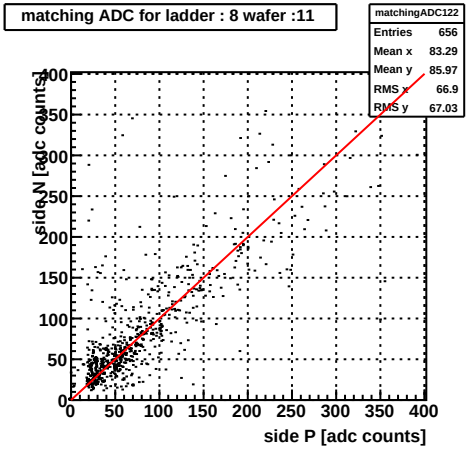

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 711
Mean x 64.28
Mean y 68.49
RMS x 46.49
RMS y 54.17
side N [adc counts]
side P [adc counts]

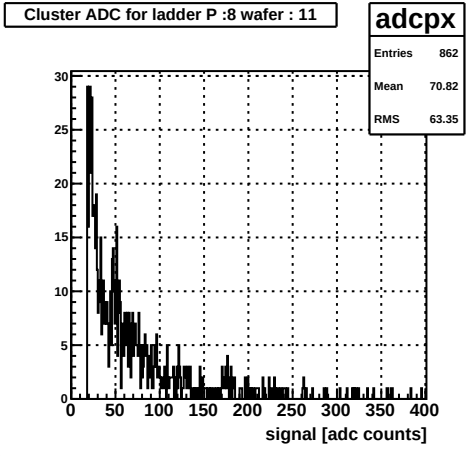

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2149
Mean 40.3
RMS 37.19
signal [adc counts]

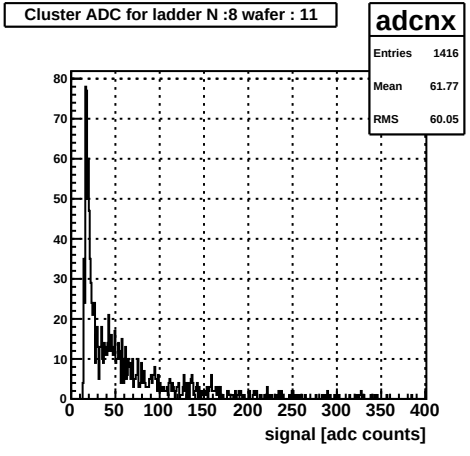

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2053
Mean 47.37
RMS 50.81
signal [adc counts]

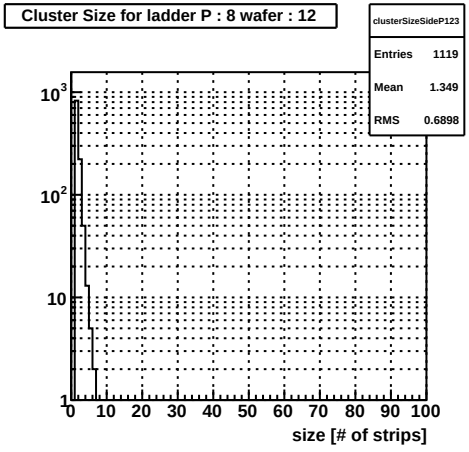

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 862
Mean 1.384
RMS 0.7224
size [# of strips]

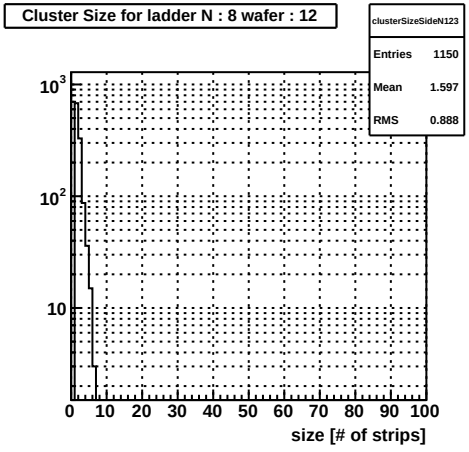

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1416
Mean 1.426
RMS 0.7289
size [# of strips]

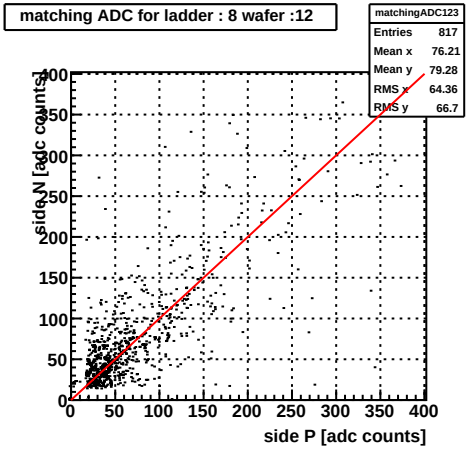

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 656
Mean x 83.29
Mean y 85.97
RMS x 66.9
RMS y 67.03
side N [adc counts]
side P [adc counts]

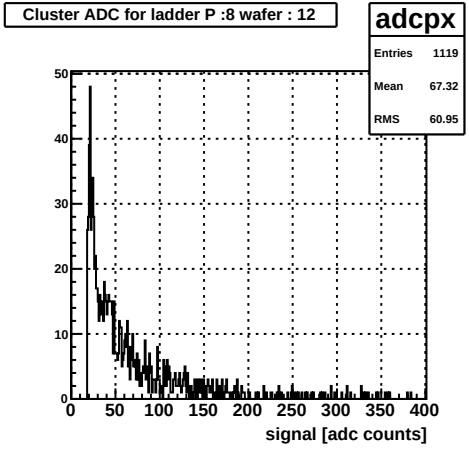

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 862
Mean 70.82
RMS 63.35
signal [adc counts]

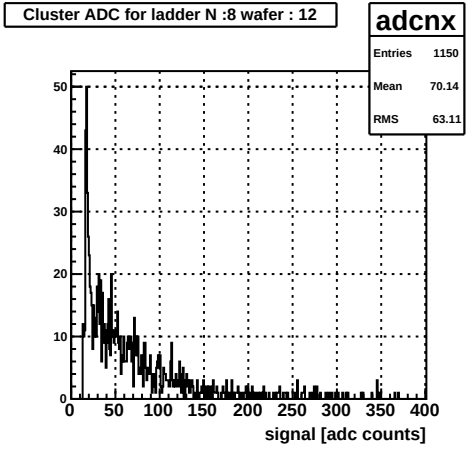

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1416
Mean 61.77
RMS 60.05
signal [adc counts]

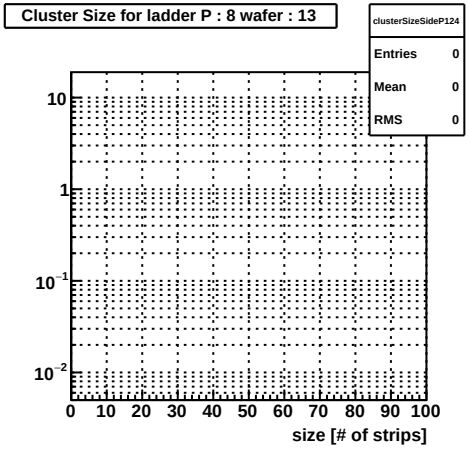

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1119
Mean 1.349
RMS 0.6898
size [# of strips]

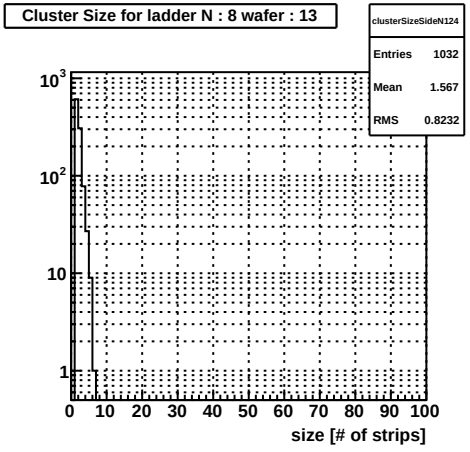

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1150
Mean 1.597
RMS 0.888
size [# of strips]

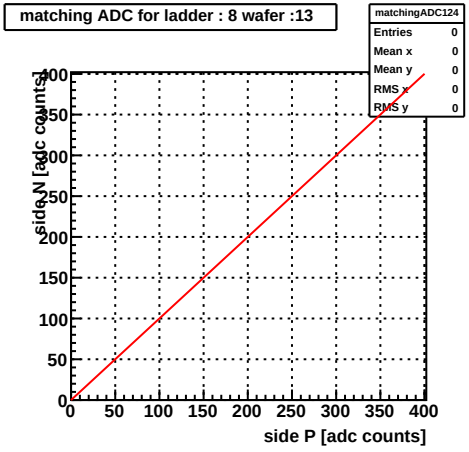

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 817
Mean x 76.21
Mean y 79.28
RMS x 64.36
RMS y 66.7
side N [adc counts]
side P [adc counts]

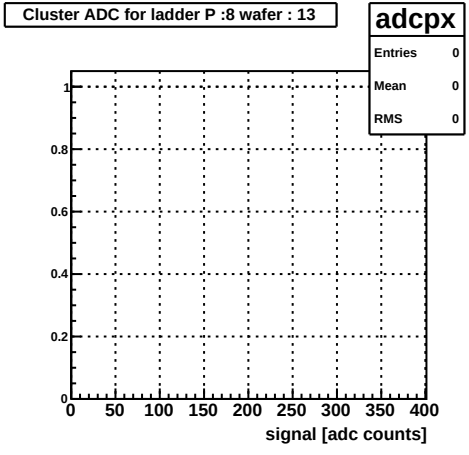

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1119
Mean 67.32
RMS 60.95
signal [adc counts]

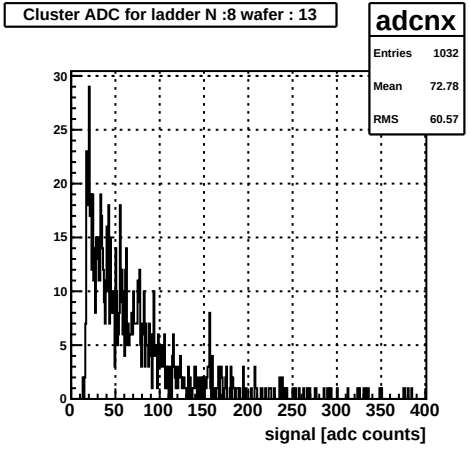

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1150
Mean 70.14
RMS 63.11
signal [adc counts]

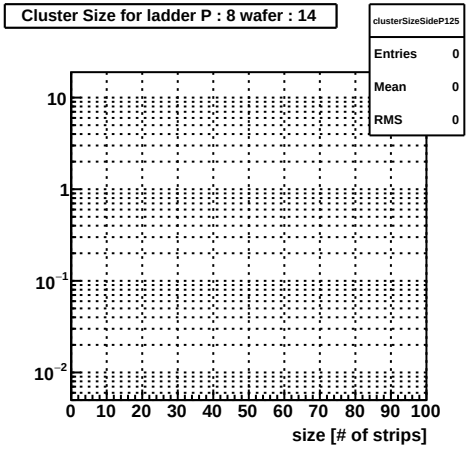

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

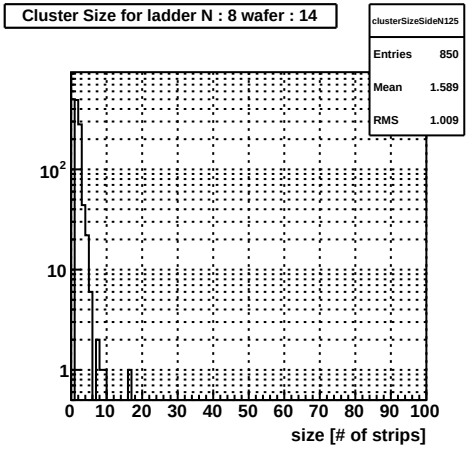

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1032
Mean 1.567
RMS 0.8232
size [# of strips]

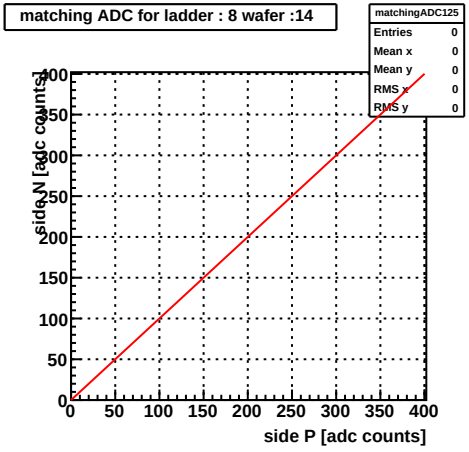

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

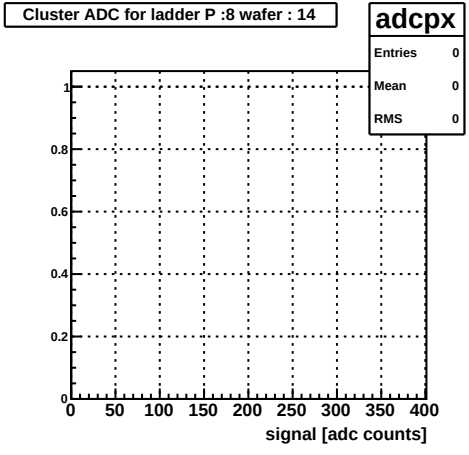

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

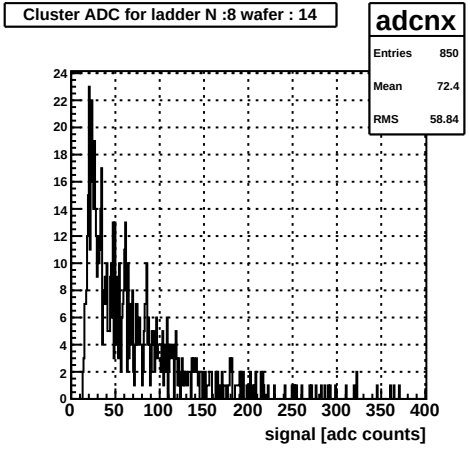

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1032
Mean 72.78
RMS 60.57
signal [adc counts]

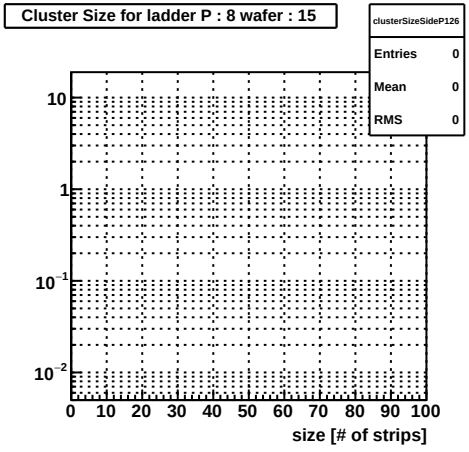

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

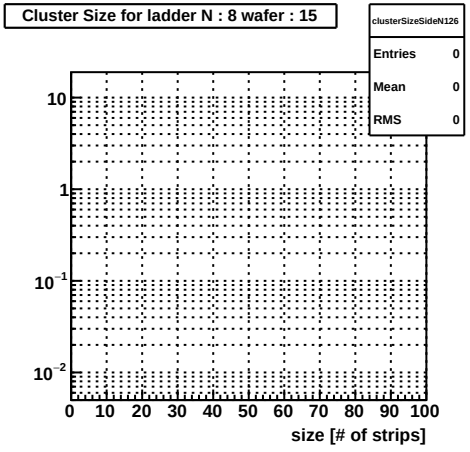

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 850
Mean 1.589
RMS 1.009
size [# of strips]

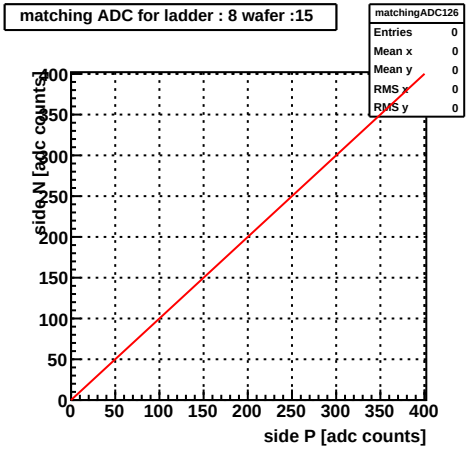

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

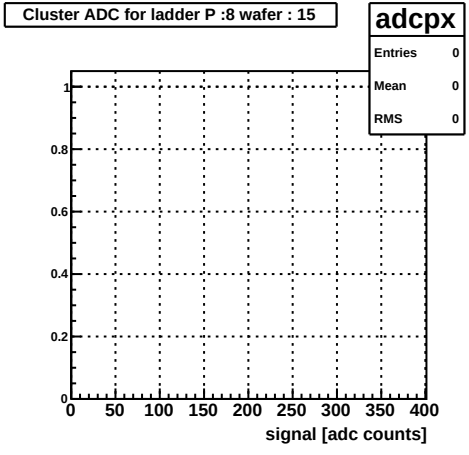

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

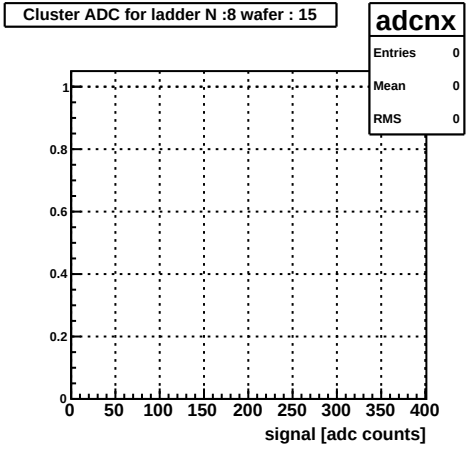

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 850
Mean 72.4
RMS 58.84
signal [adc counts]

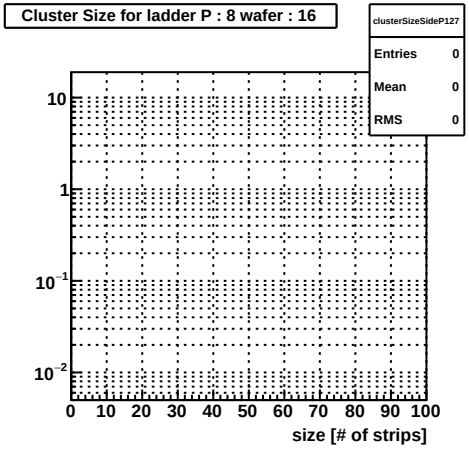

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

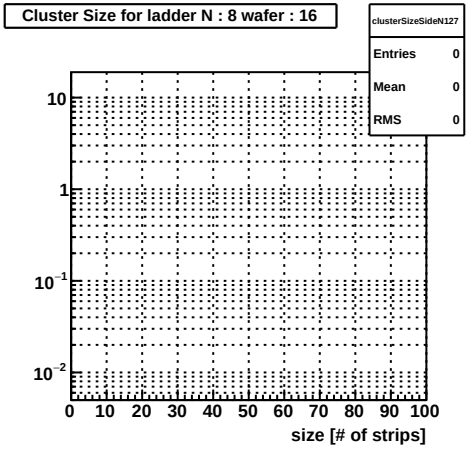

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

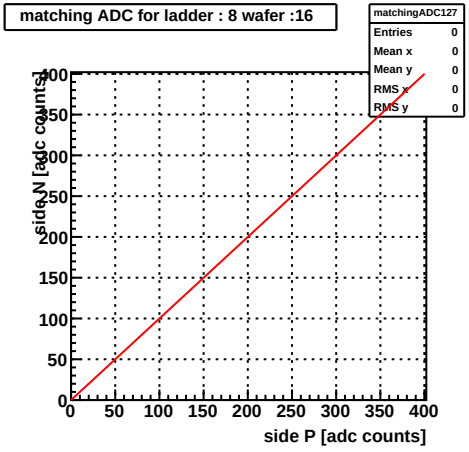

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

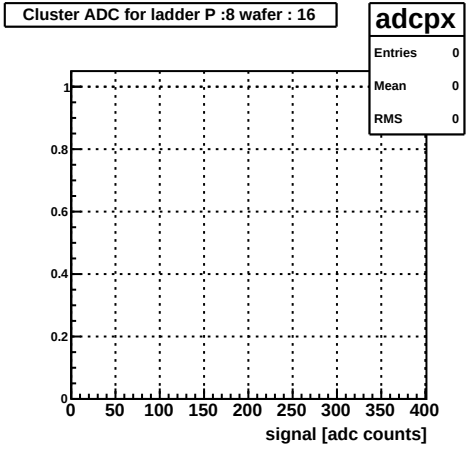

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

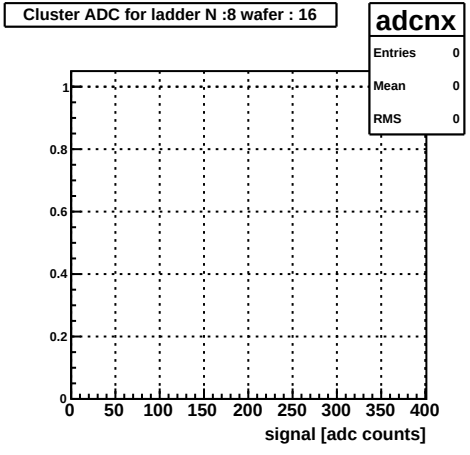

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

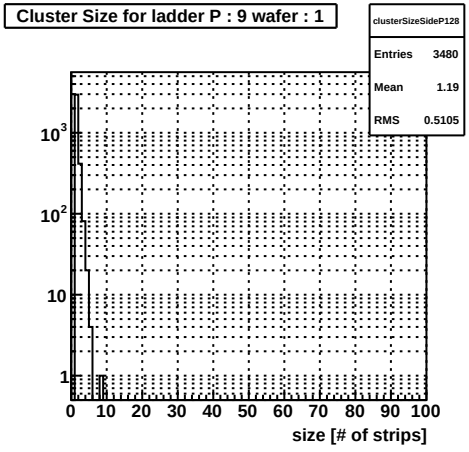

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

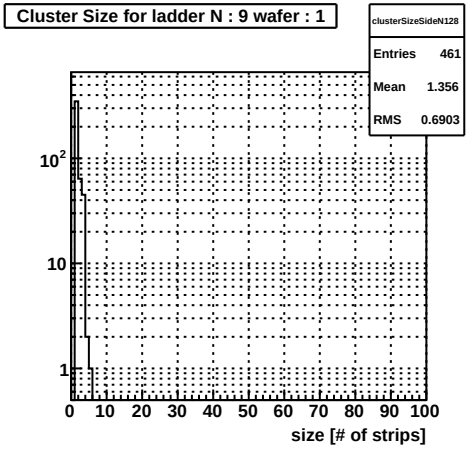

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

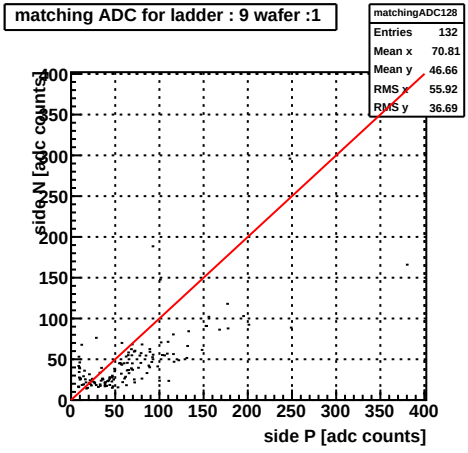

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

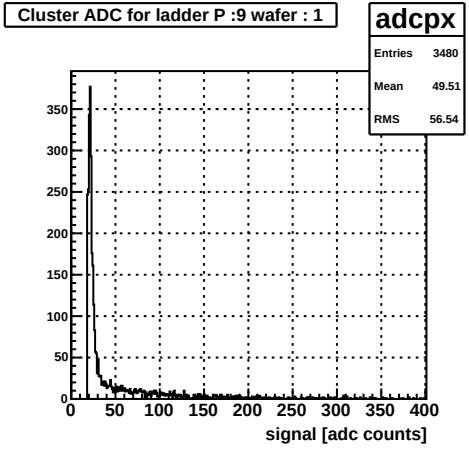

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

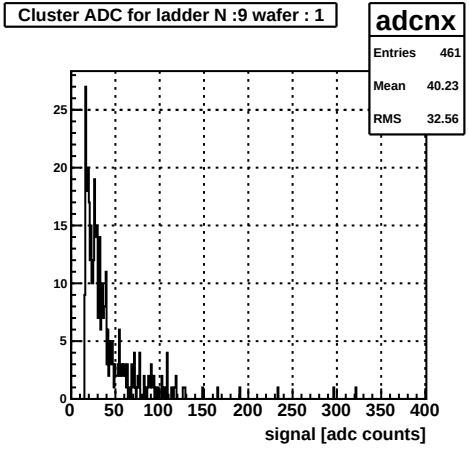

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

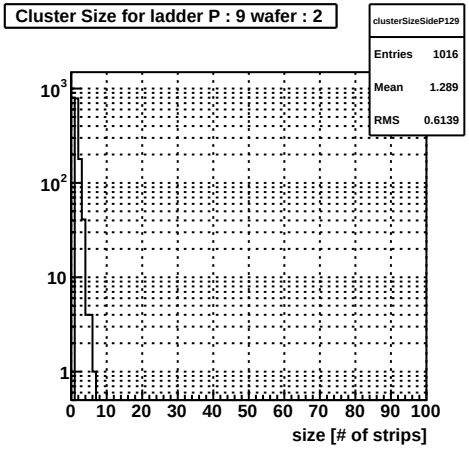

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 3480
Mean 1.19
RMS 0.5105
size [# of strips]

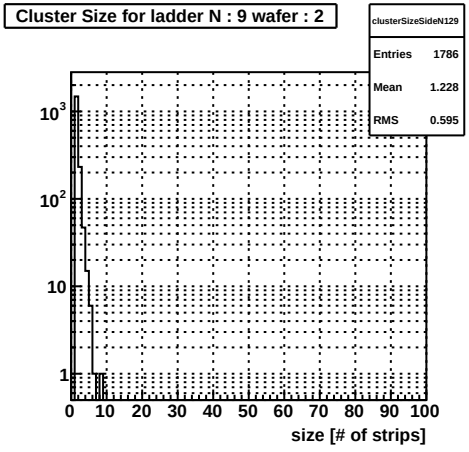

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 461
Mean 1.356
RMS 0.6903
size [# of strips]

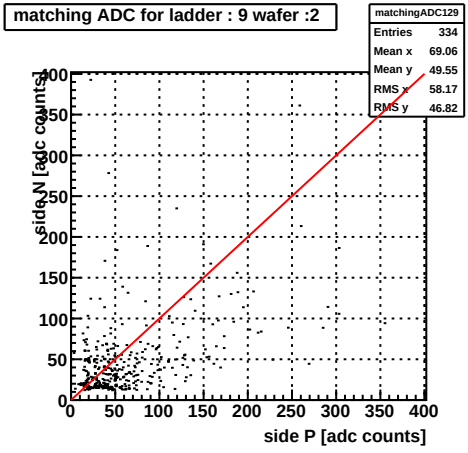

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 132
Mean x 70.81
Mean y 46.66
RMS x 55.92
RMS y 36.69
side N [adc counts]
side P [adc counts]

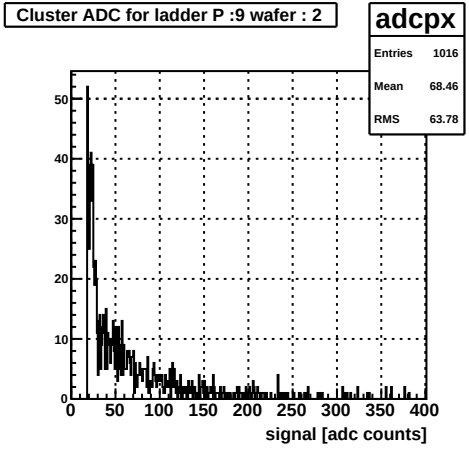

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 3480
Mean 49.51
RMS 56.54
signal [adc counts]

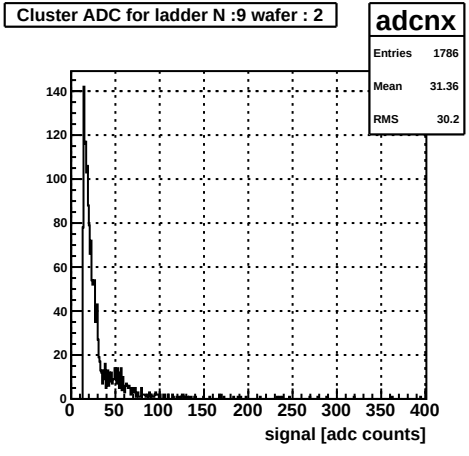

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 461
Mean 40.23
RMS 32.56
signal [adc counts]

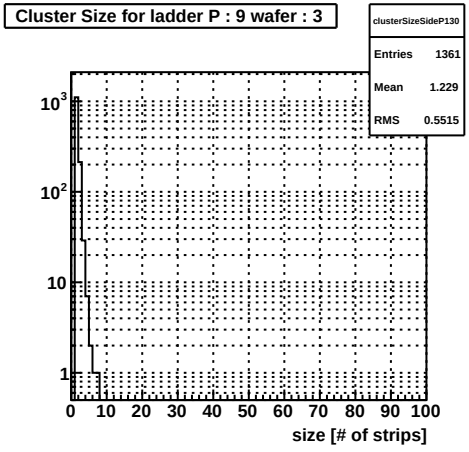

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1016
Mean 1.289
RMS 0.6139
size [# of strips]

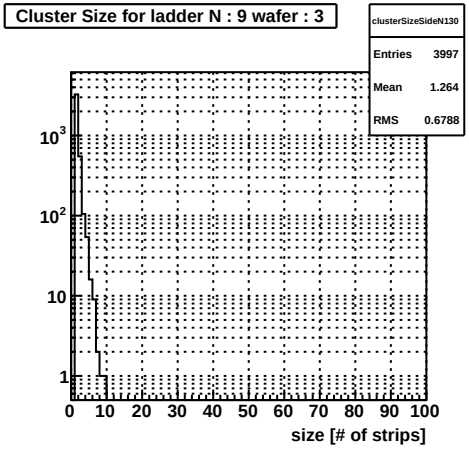

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 1786
Mean 1.228
RMS 0.595
size [# of strips]

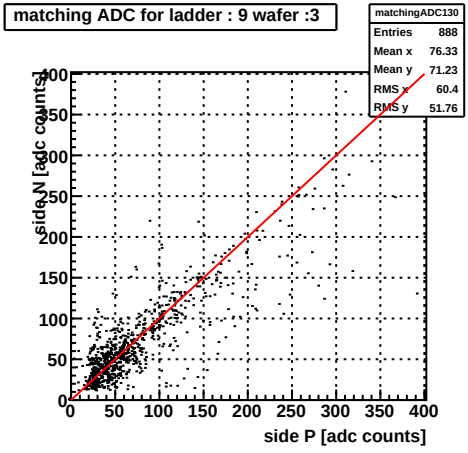

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 334
Mean x 69.06
Mean y 49.55
RMS x 58.17
RMS y 46.82
side N [adc counts]
side P [adc counts]

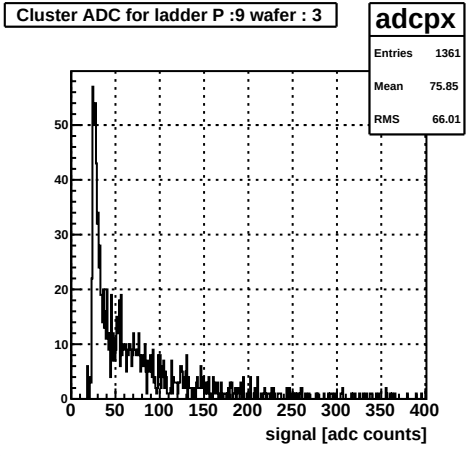

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1016
Mean 68.46
RMS 63.78
signal [adc counts]

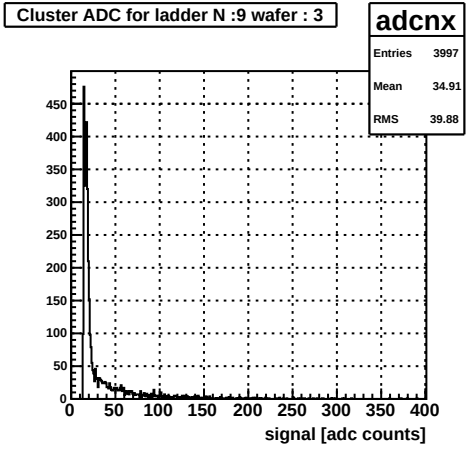

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 1786
Mean 31.36
RMS 30.2
signal [adc counts]

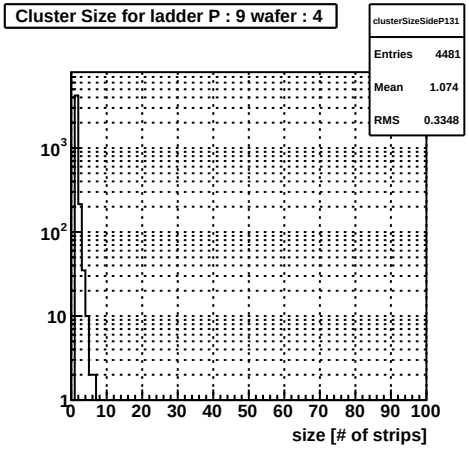

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1361
Mean 1.229
RMS 0.5515
size [# of strips]

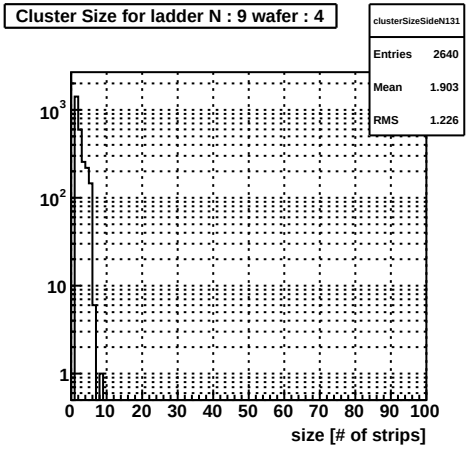

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 3997
Mean 1.264
RMS 0.6788
size [# of strips]

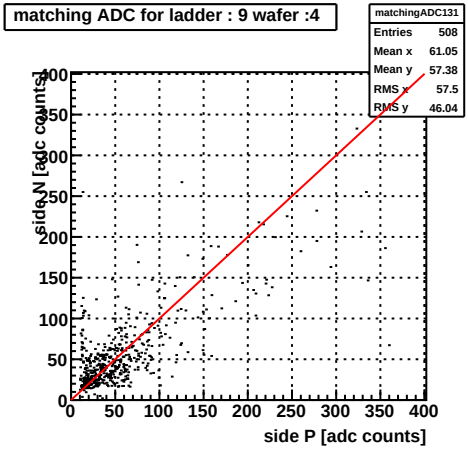

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 888
Mean x 76.33
Mean y 71.23
RMS x 60.4
RMS y 51.76
side N [adc counts]
side P [adc counts]

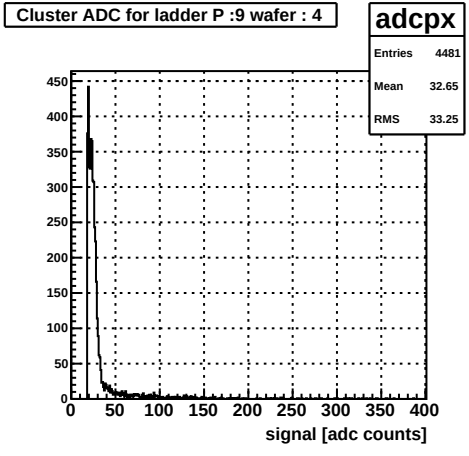

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1361
Mean 75.85
RMS 66.01
signal [adc counts]

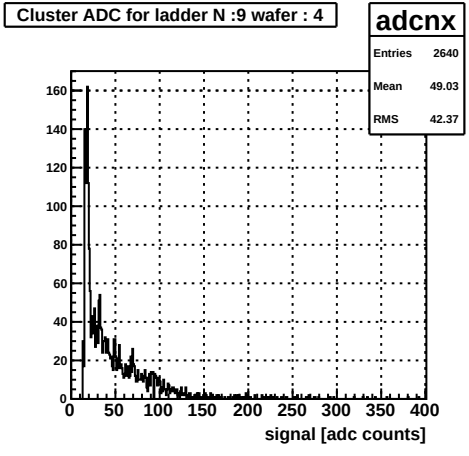

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 3997
Mean 34.91
RMS 39.88
signal [adc counts]

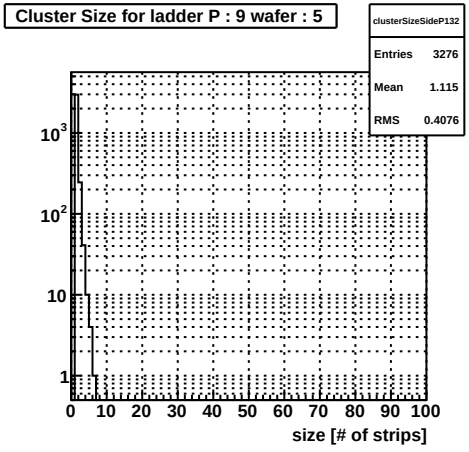

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 4481
Mean 1.074
RMS 0.3348
size [# of strips]

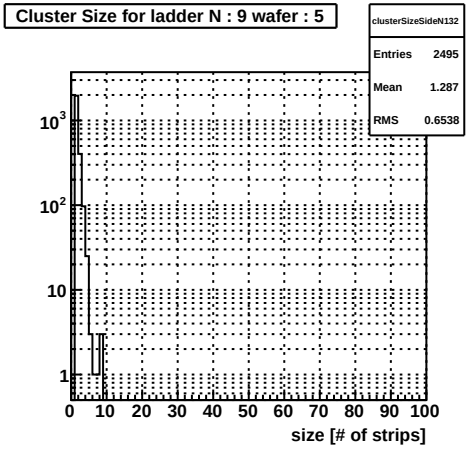

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2640
Mean 1.903
RMS 1.226
size [# of strips]

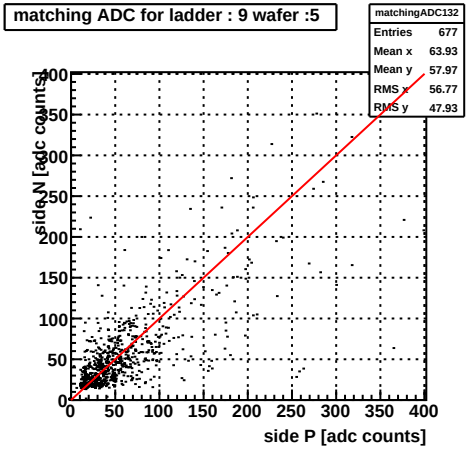

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 508
Mean x 61.05
Mean y 57.38
RMS x 57.5
RMS y 46.04
side N [adc counts]
side P [adc counts]

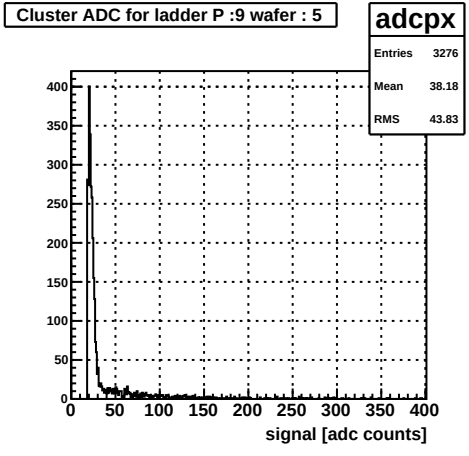

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 4481
Mean 32.65
RMS 33.25
signal [adc counts]

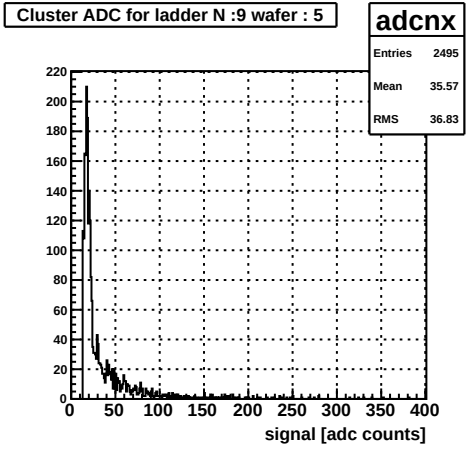

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2640
Mean 49.03
RMS 42.37
signal [adc counts]

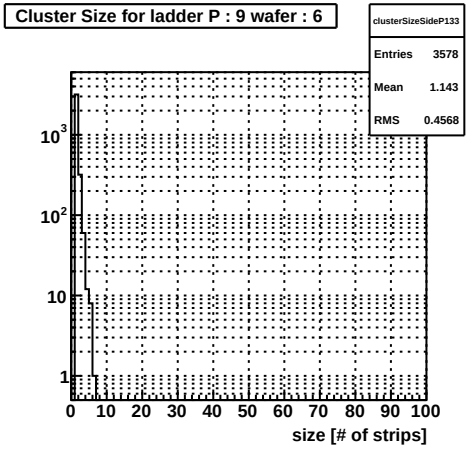

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 3276
Mean 1.115
RMS 0.4076
size [# of strips]

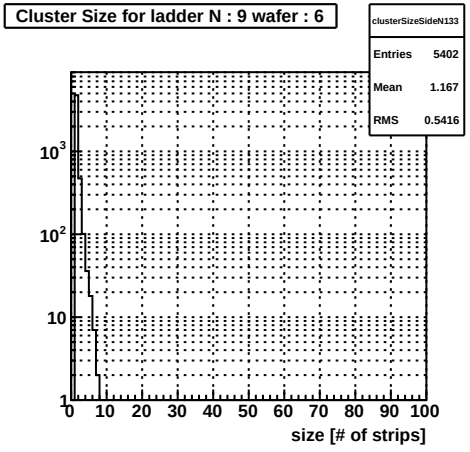

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 2495
Mean 1.287
RMS 0.6538
size [# of strips]

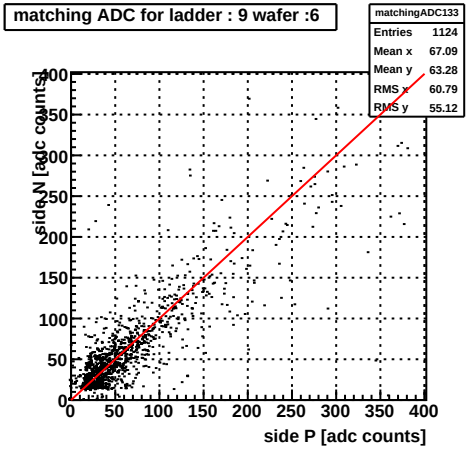

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 677
Mean x 63.93
Mean y 57.97
RMS x 56.77
RMS y 47.93
side N [adc counts]
side P [adc counts]

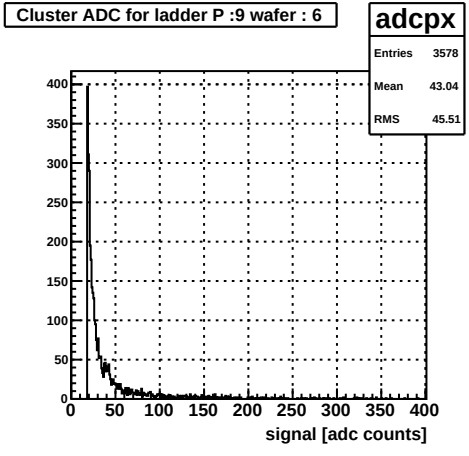

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 3276
Mean 38.18
RMS 43.83
signal [adc counts]

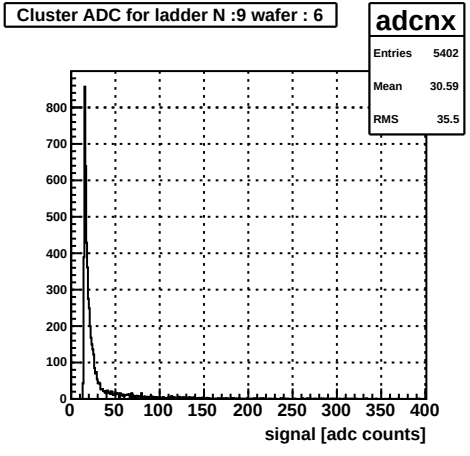

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 2495
Mean 35.57
RMS 36.83
signal [adc counts]

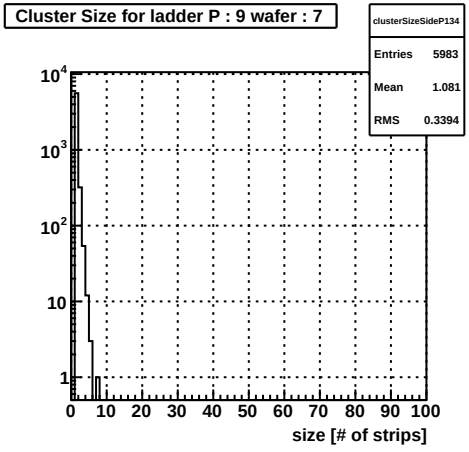

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 3578
Mean 1.143
RMS 0.4568
size [# of strips]

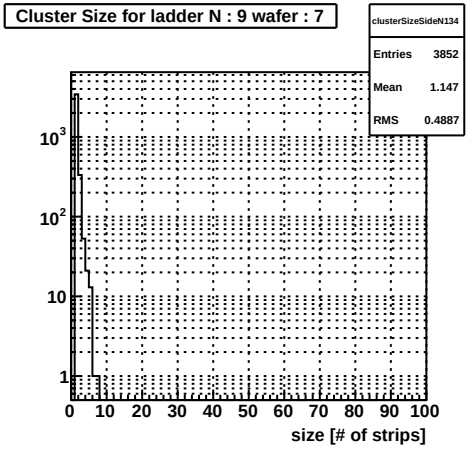

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 5402
Mean 1.167
RMS 0.5416
size [# of strips]

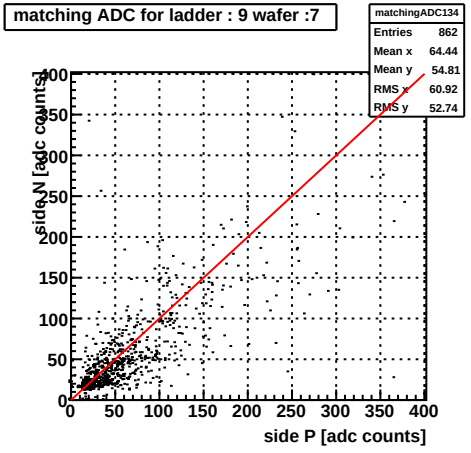

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1124
Mean x 67.09
Mean y 63.28
RMS x 60.79
RMS y 55.12
side N [adc counts]
side P [adc counts]

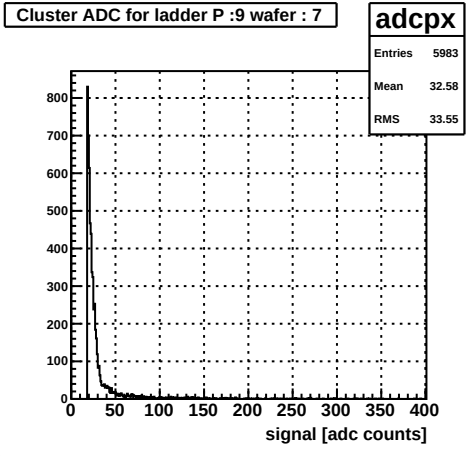

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 3578
Mean 43.04
RMS 45.51
signal [adc counts]

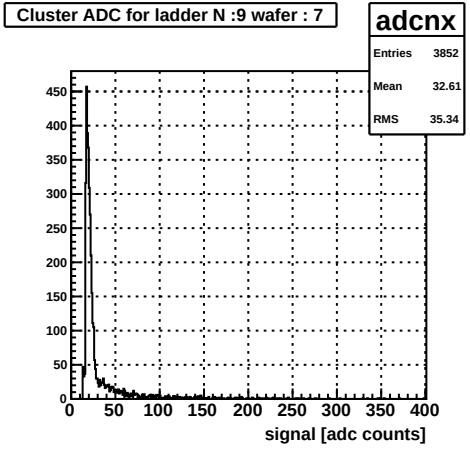

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 5402
Mean 30.59
RMS 35.5
signal [adc counts]

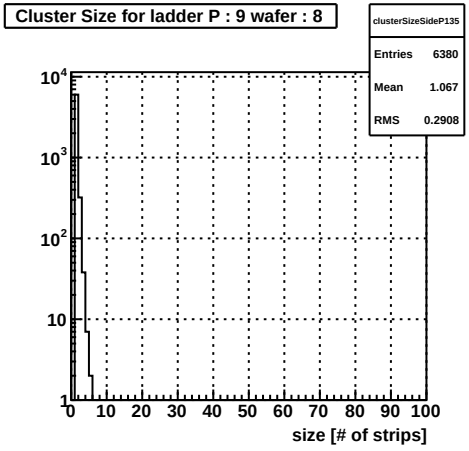

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 5983
Mean 1.081
RMS 0.3394
size [# of strips]

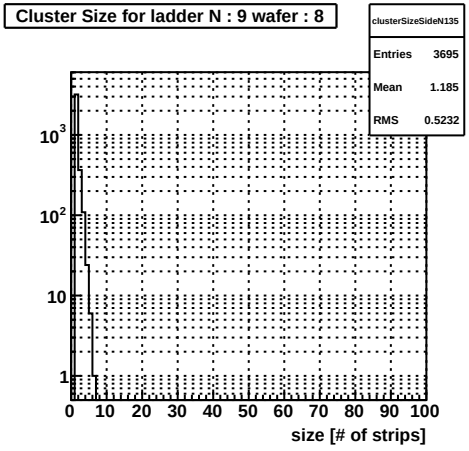

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 3852
Mean 1.147
RMS 0.4887
size [# of strips]

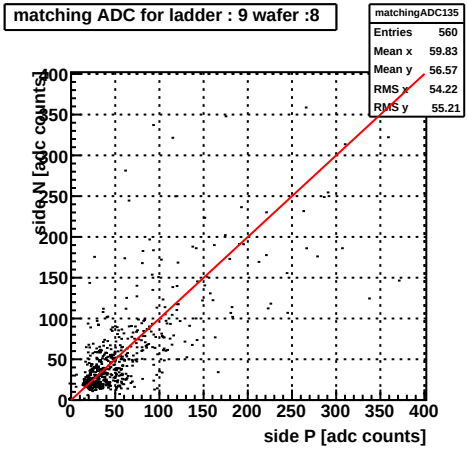

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 862
Mean x 64.44
Mean y 54.81
RMS x 60.92
RMS y 52.74
side N [adc counts]
side P [adc counts]

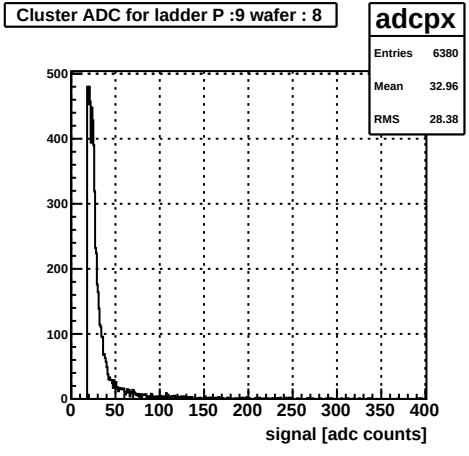

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 5983
Mean 32.58
RMS 33.55
signal [adc counts]

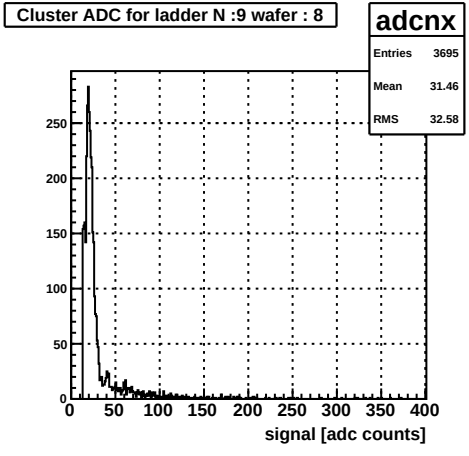

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 3852
Mean 32.61
RMS 35.34
signal [adc counts]

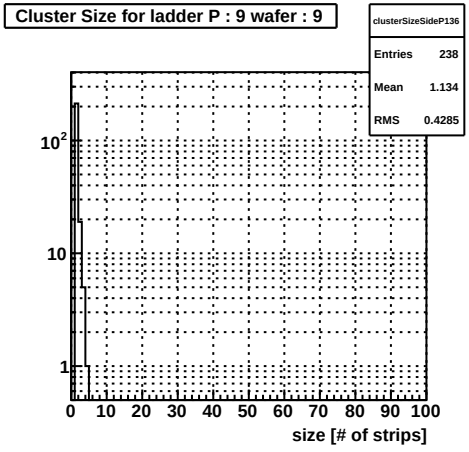

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 6380
Mean 1.067
RMS 0.2908
size [# of strips]

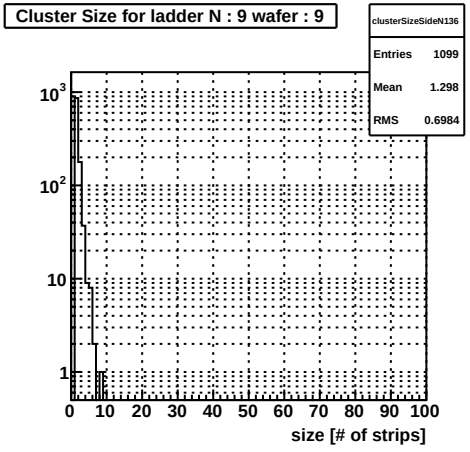

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 3695
Mean 1.185
RMS 0.5232
size [# of strips]

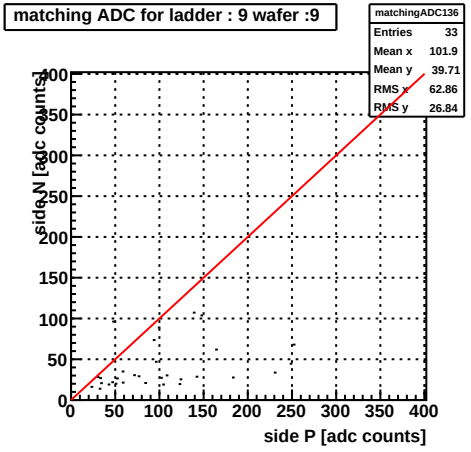

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 560
Mean x 59.83
Mean y 56.57
RMS x 54.22
RMS y 55.21
side N [adc counts]
side P [adc counts]

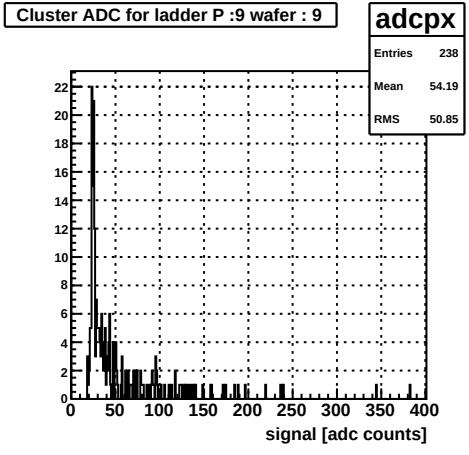

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 6380
Mean 32.96
RMS 28.38
signal [adc counts]

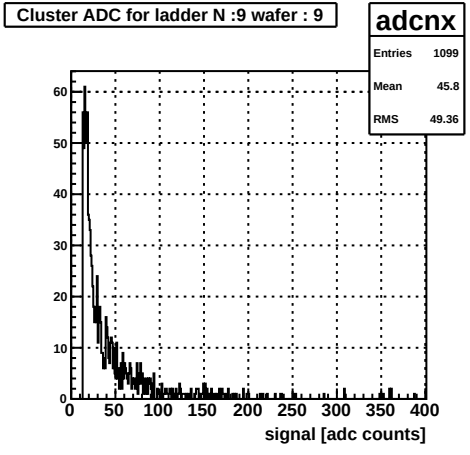

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 3695
Mean 31.46
RMS 32.58
signal [adc counts]

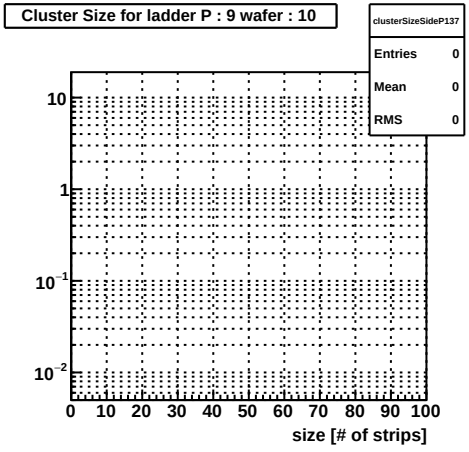

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 238
Mean 1.134
RMS 0.4285
size [# of strips]

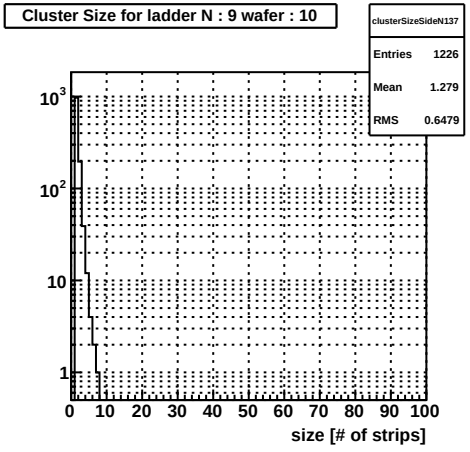

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1099
Mean 1.298
RMS 0.6984
size [# of strips]

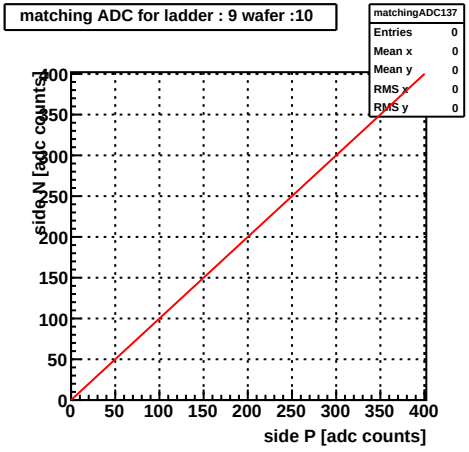

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 33
Mean x 101.9
Mean y 39.71
RMS x 62.86
RMS y 26.84
side N [adc counts]
side P [adc counts]

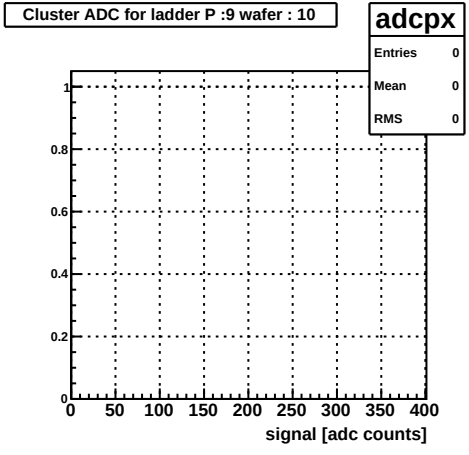

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 238
Mean 54.19
RMS 50.85
signal [adc counts]

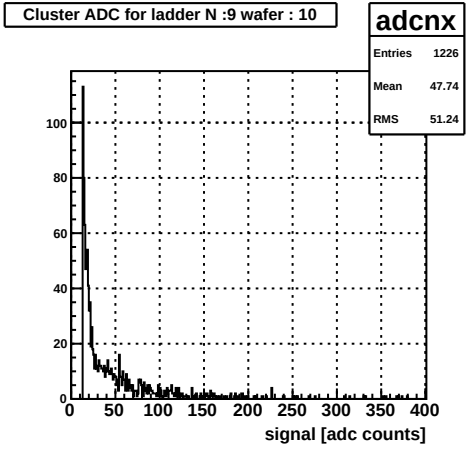

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1099
Mean 45.8
RMS 49.36
signal [adc counts]

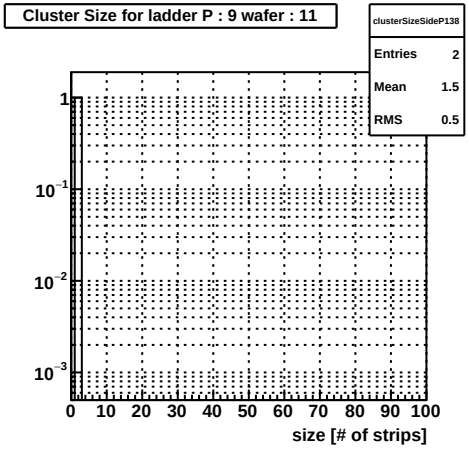

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

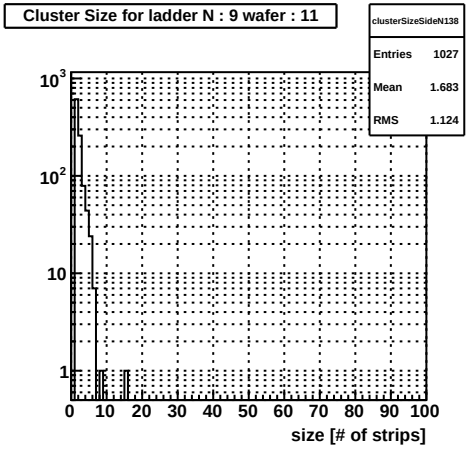

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1226
Mean 1.279
RMS 0.6479
size [# of strips]

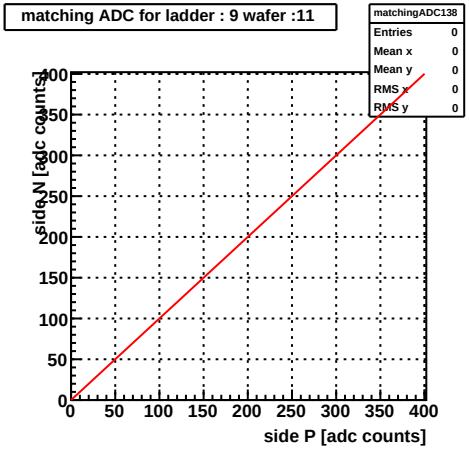

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

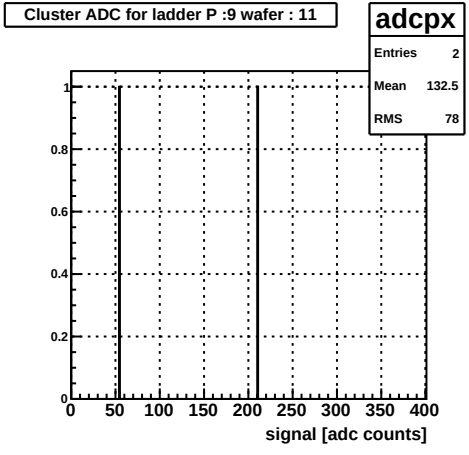

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

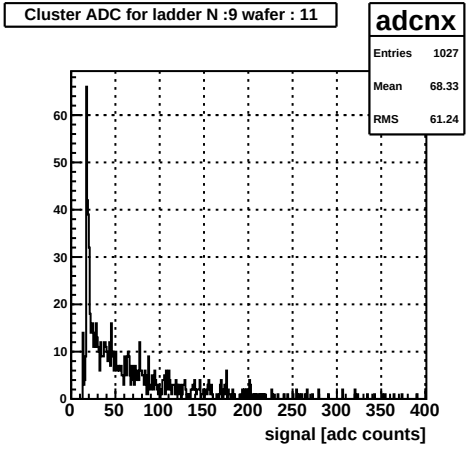

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1226
Mean 47.74
RMS 51.24
signal [adc counts]

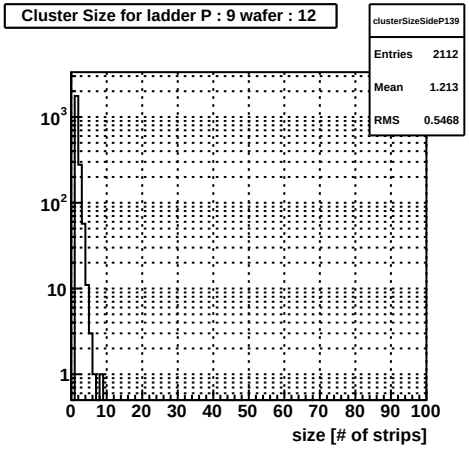

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

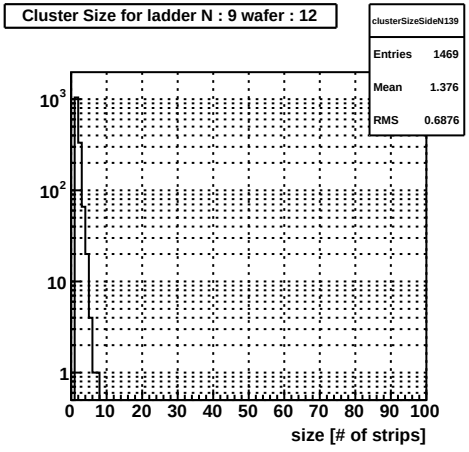

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1027
Mean 1.683
RMS 1.124
size [# of strips]

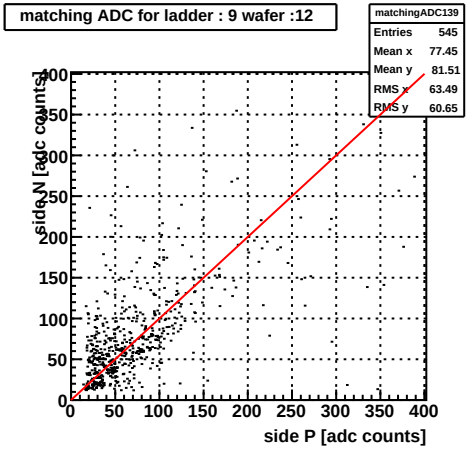

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

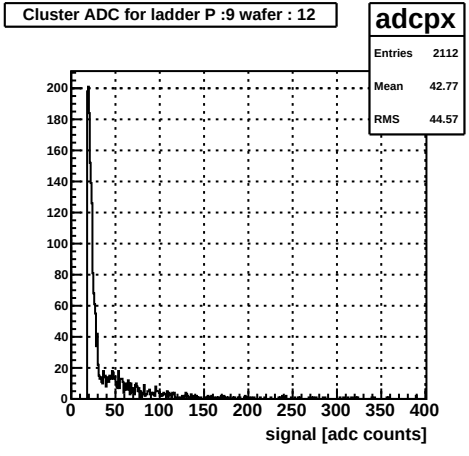

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 132.5
RMS 78
signal [adc counts]

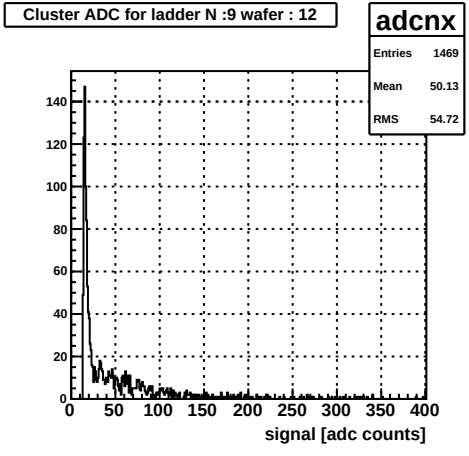

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1027
Mean 68.33
RMS 61.24
signal [adc counts]

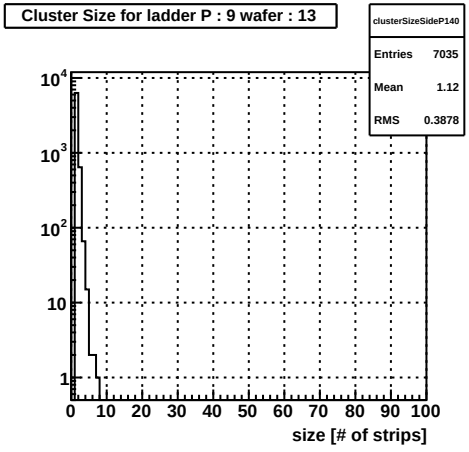

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2112
Mean 1.213
RMS 0.5468
size [# of strips]

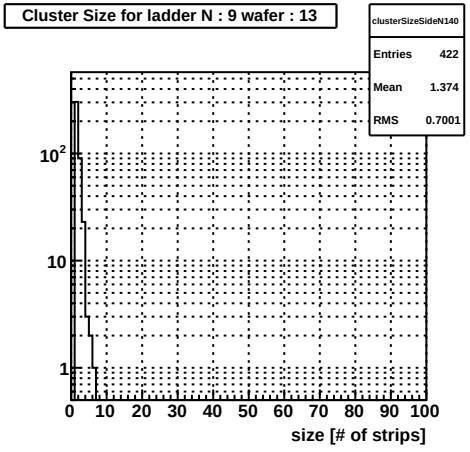

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1469
Mean 1.376
RMS 0.6876
size [# of strips]

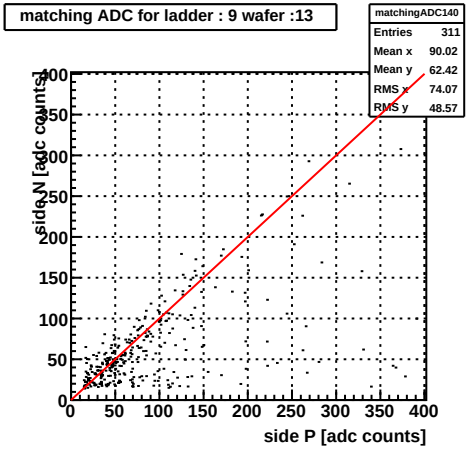

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 545
Mean x 77.45
Mean y 81.51
RMS x 63.49
RMS y 60.65
side N [adc counts]
side P [adc counts]

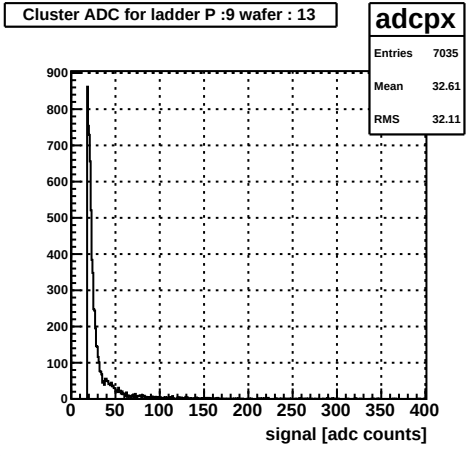

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2112
Mean 42.77
RMS 44.57
signal [adc counts]

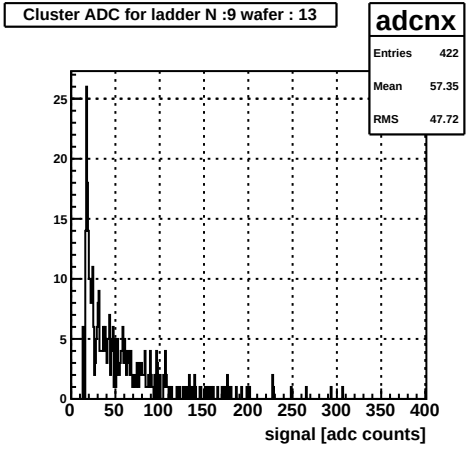

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1469
Mean 50.13
RMS 54.72
signal [adc counts]

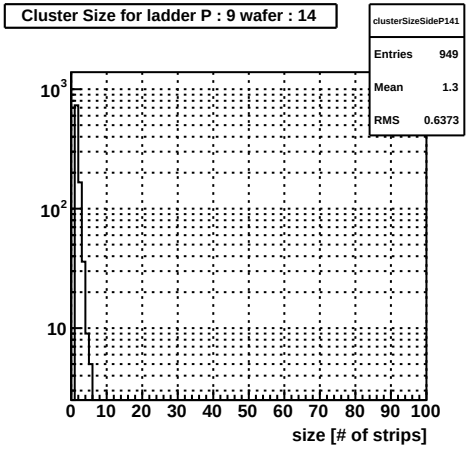

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 7035
Mean 1.12
RMS 0.3878
size [# of strips]

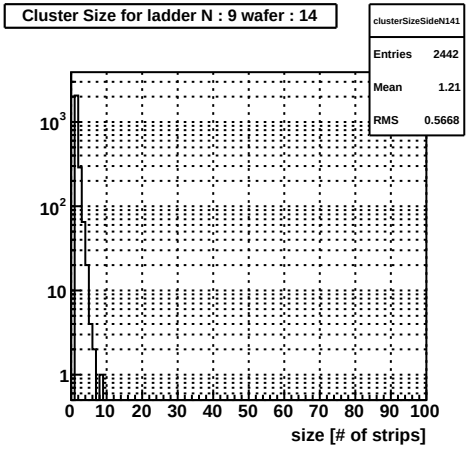

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 422
Mean 1.374
RMS 0.7001
size [# of strips]

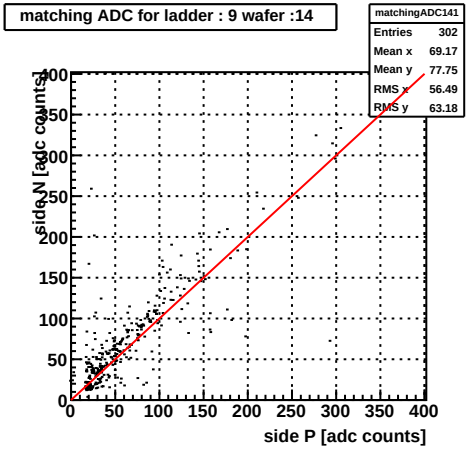

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 311
Mean x 90.02
Mean y 62.42
RMS x 74.07
RMS y 48.57
side N [adc counts]
side P [adc counts]

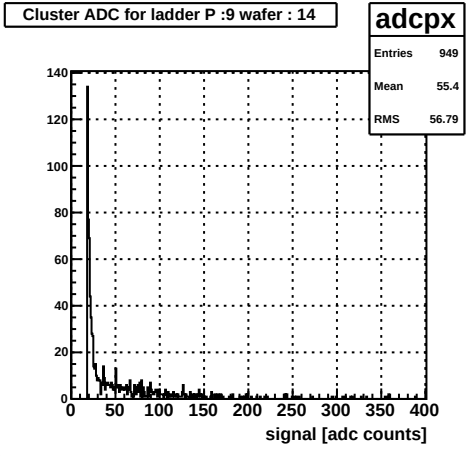

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 7035
Mean 32.61
RMS 32.11
signal [adc counts]

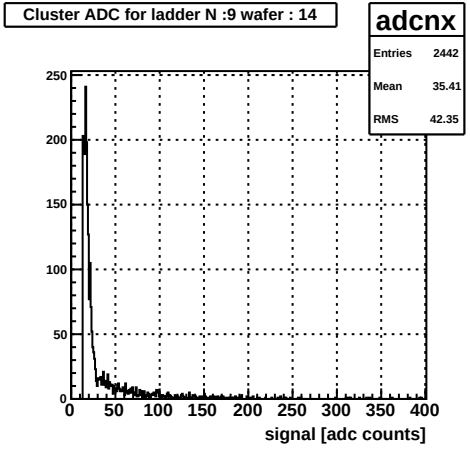

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 422
Mean 57.35
RMS 47.72
signal [adc counts]

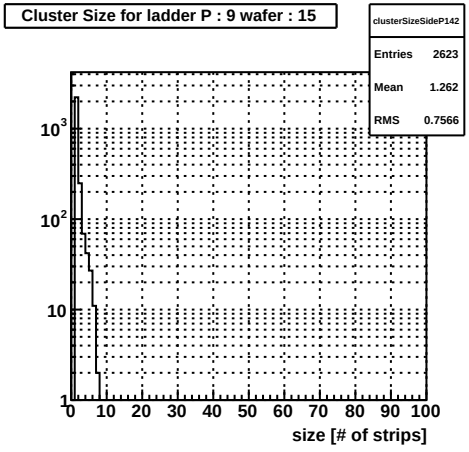

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 949
Mean 1.3
RMS 0.6373
size [# of strips]

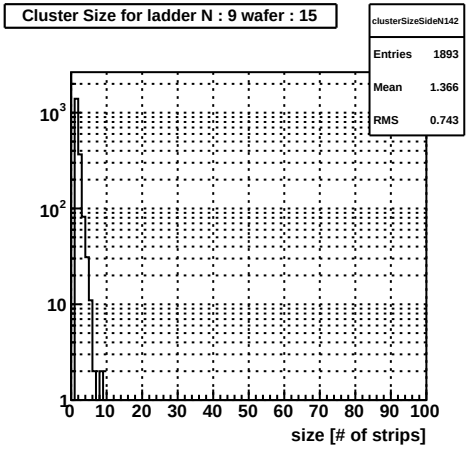

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 2442
Mean 1.21
RMS 0.5668
size [# of strips]

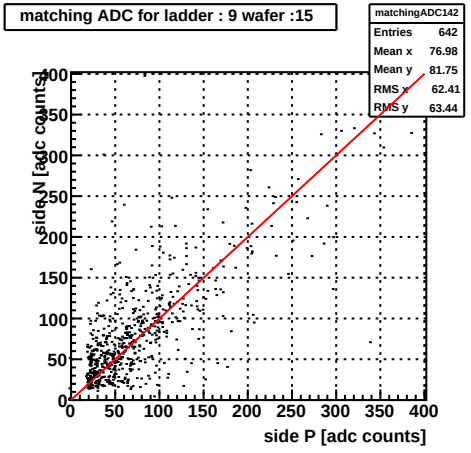

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 302
Mean x 69.17
Mean y 77.75
RMS x 56.49
RMS y 63.18
side N [adc counts]
side P [adc counts]

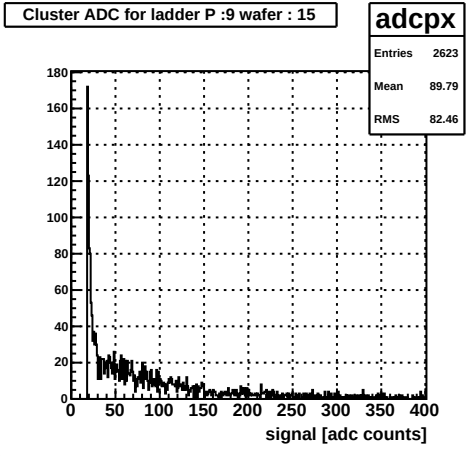

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 949
Mean 55.4
RMS 56.79
signal [adc counts]

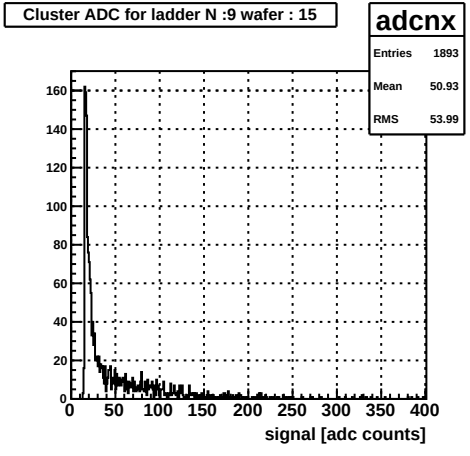

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 2442
Mean 35.41
RMS 42.35
signal [adc counts]

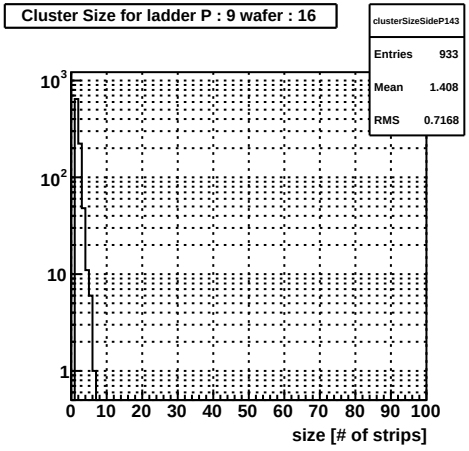

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2623
Mean 1.262
RMS 0.7566
size [# of strips]

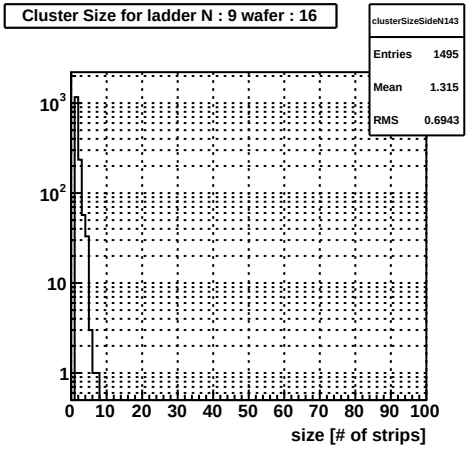

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1893
Mean 1.366
RMS 0.743
size [# of strips]

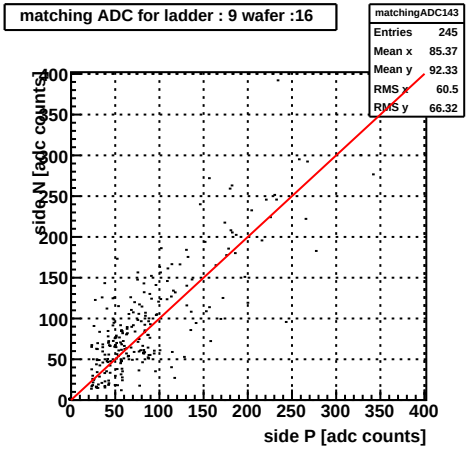

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 642
Mean x 76.98
Mean y 81.75
RMS x 62.41
RMS y 63.44
side N [adc counts]
side P [adc counts]

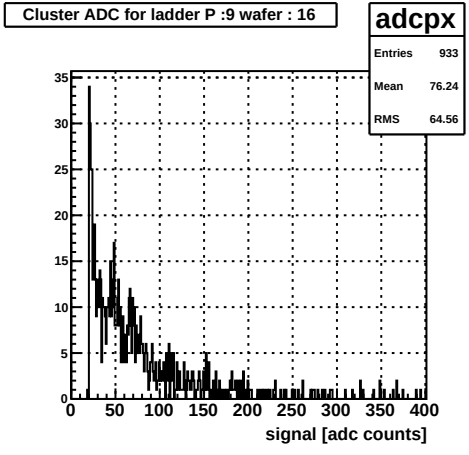

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2623
Mean 89.79
RMS 82.46
signal [adc counts]

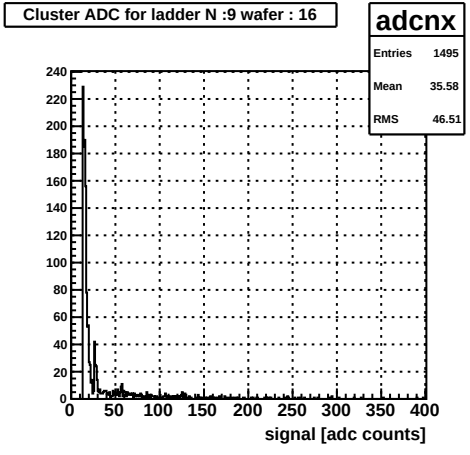

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1893
Mean 50.93
RMS 53.99
signal [adc counts]

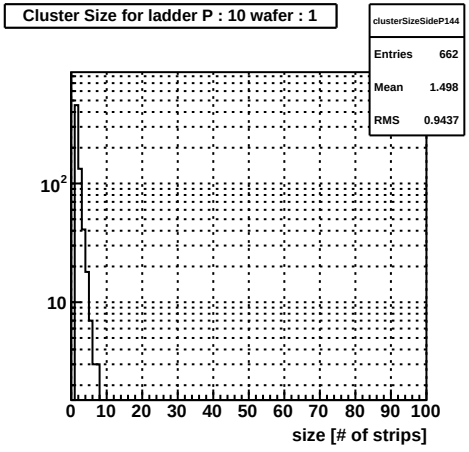

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 933
Mean 1.408
RMS 0.7168
size [# of strips]

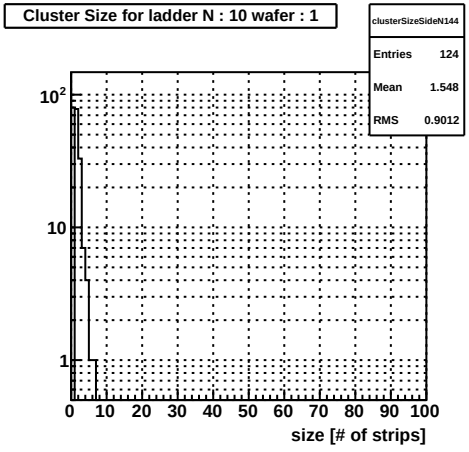

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1495
Mean 1.315
RMS 0.6943
size [# of strips]

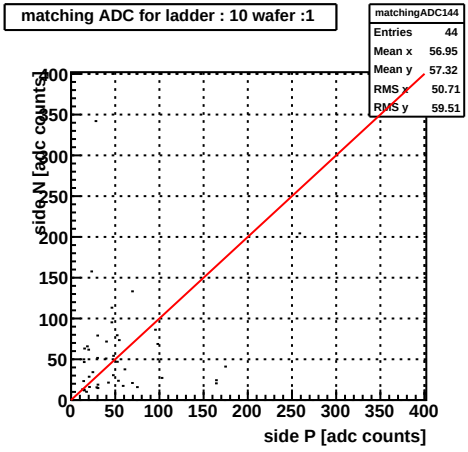

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 245
Mean x 85.37
Mean y 92.33
RMS x 60.5
RMS y 66.32
side N [adc counts]
side P [adc counts]

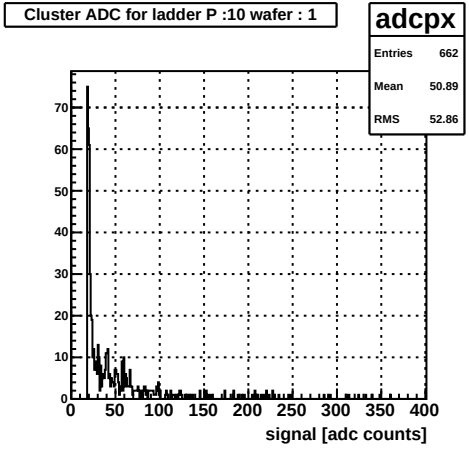

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 933
Mean 76.24
RMS 64.56
signal [adc counts]

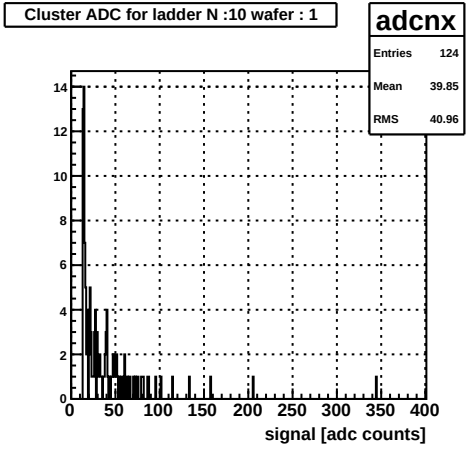

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1495
Mean 35.58
RMS 46.51
signal [adc counts]

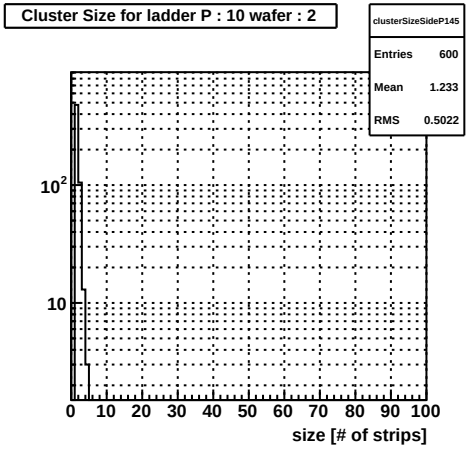

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 662
Mean 1.498
RMS 0.9437
size [# of strips]

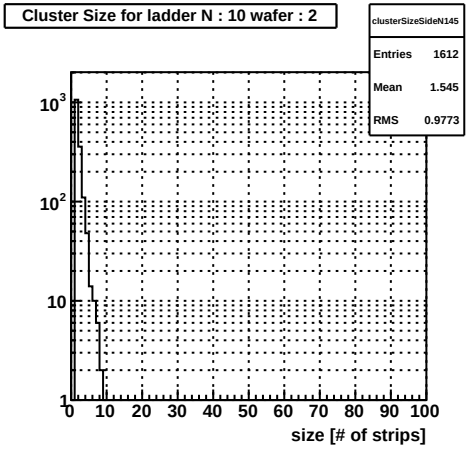

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 124
Mean 1.548
RMS 0.9012
size [# of strips]

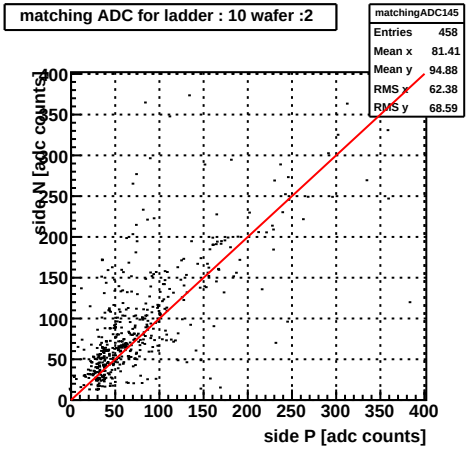

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 44
Mean x 56.95
Mean y 57.32
RMS x 50.71
RMS y 59.51
side N [adc counts]
side P [adc counts]

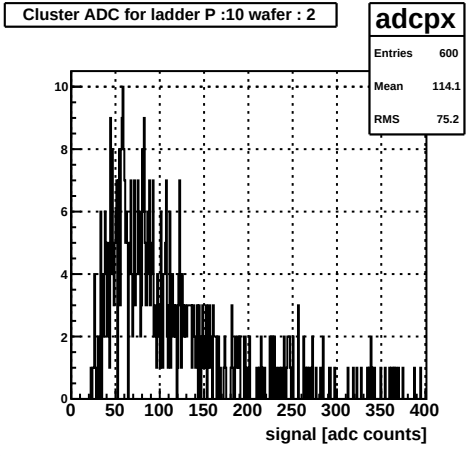

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 662
Mean 50.89
RMS 52.86
signal [adc counts]

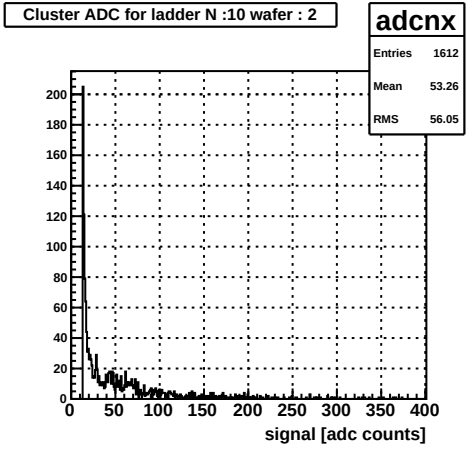

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 124
Mean 39.85
RMS 40.96
signal [adc counts]

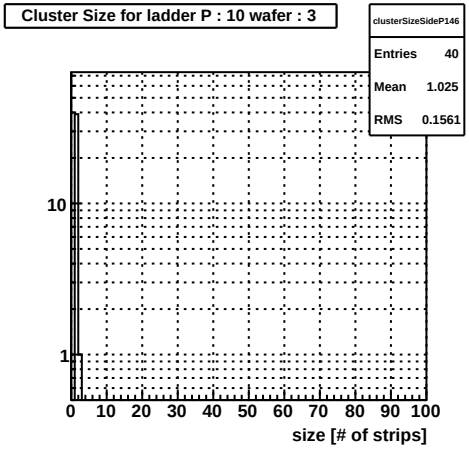

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 600
Mean 1.233
RMS 0.5022
size [# of strips]

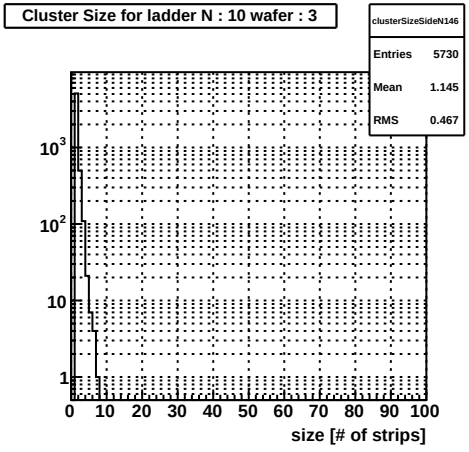

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1612
Mean 1.545
RMS 0.9773
size [# of strips]

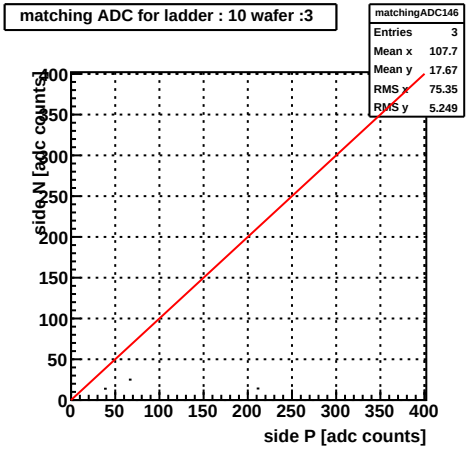

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 458
Mean x 81.41
Mean y 94.88
RMS x 62.38
RMS y 68.59
side N [adc counts]
side P [adc counts]

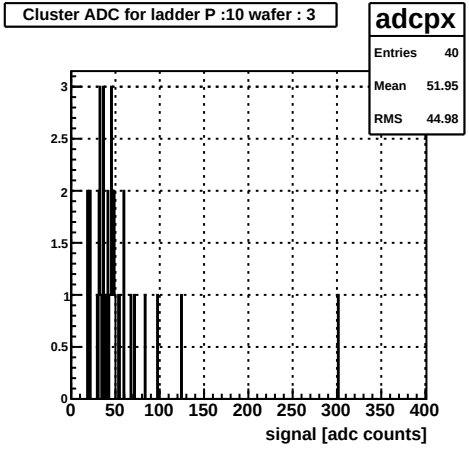

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 600
Mean 114.1
RMS 75.2
signal [adc counts]

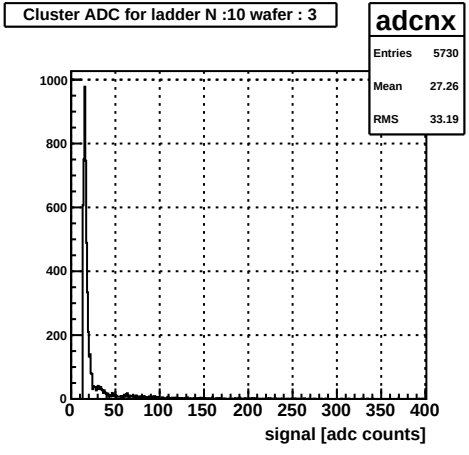

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1612
Mean 53.26
RMS 56.05
signal [adc counts]

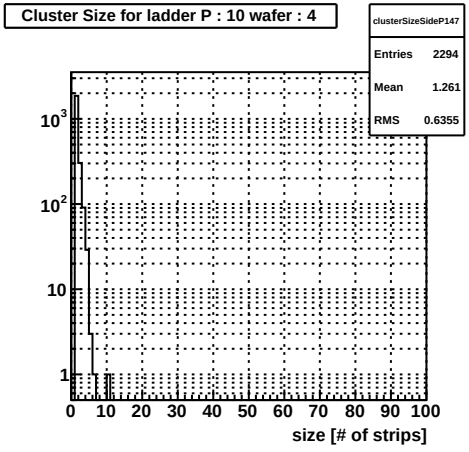

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 40
Mean 1.025
RMS 0.1561
size [# of strips]

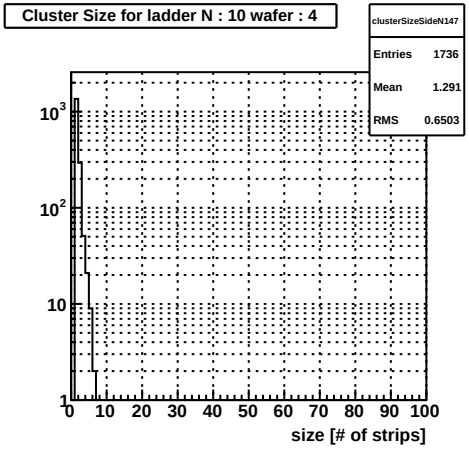

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 5730
Mean 1.145
RMS 0.467
size [# of strips]

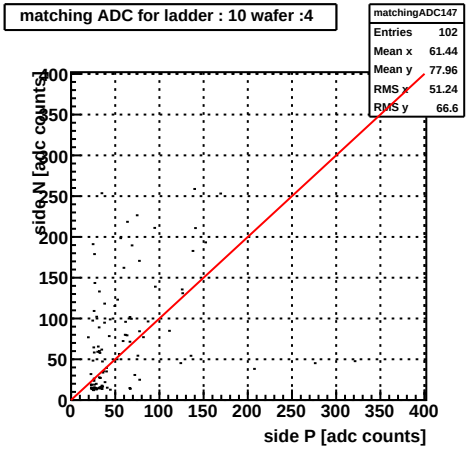

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 107.7
Mean y 17.67
RMS x 75.35
RMS y 5.249
side N [adc counts]
side P [adc counts]

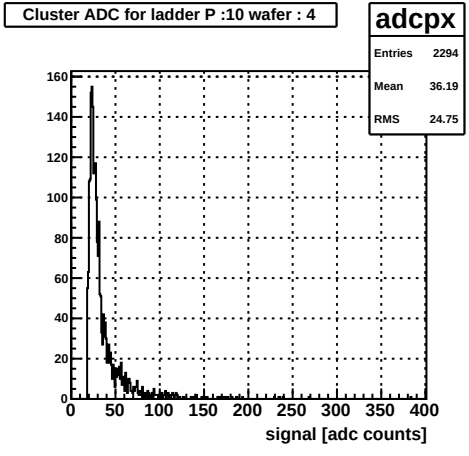

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 40
Mean 51.95
RMS 44.98
signal [adc counts]

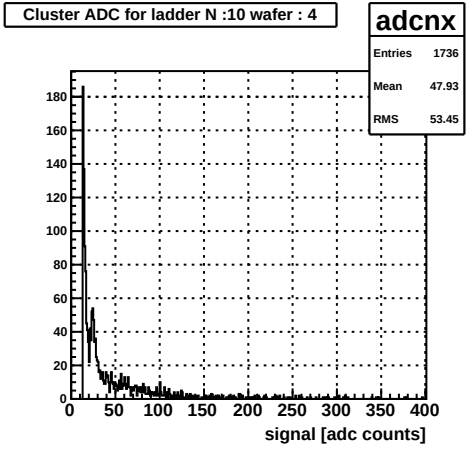

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 5730
Mean 27.26
RMS 33.19
signal [adc counts]

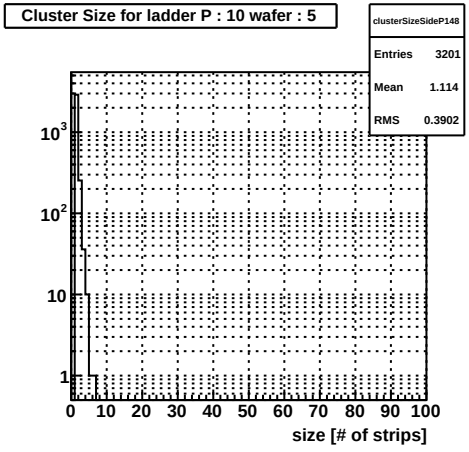

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 2294
Mean 1.261
RMS 0.6355
size [# of strips]

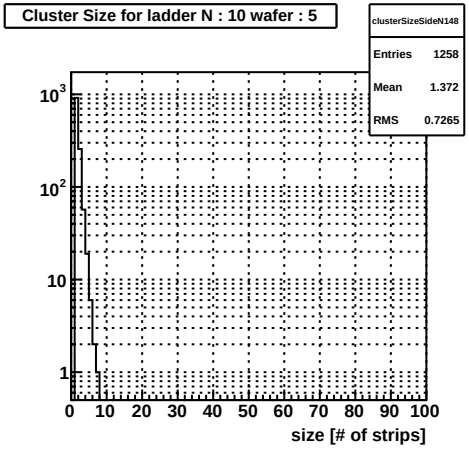

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1736
Mean 1.291
RMS 0.6503
size [# of strips]

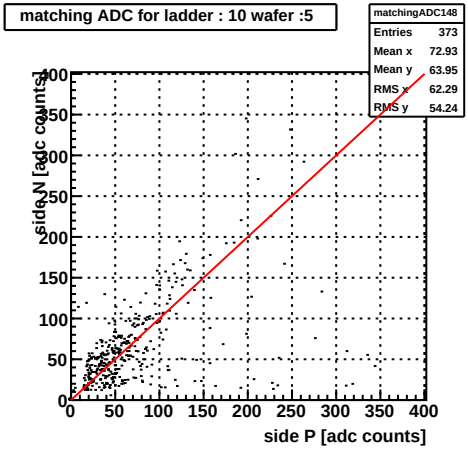

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 102
Mean x 61.44
Mean y 77.96
RMS x 51.24
RMS y 66.6
side N [adc counts]
side P [adc counts]

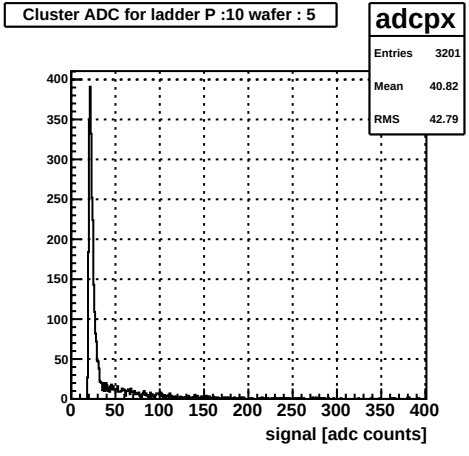

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 2294
Mean 36.19
RMS 24.75
signal [adc counts]

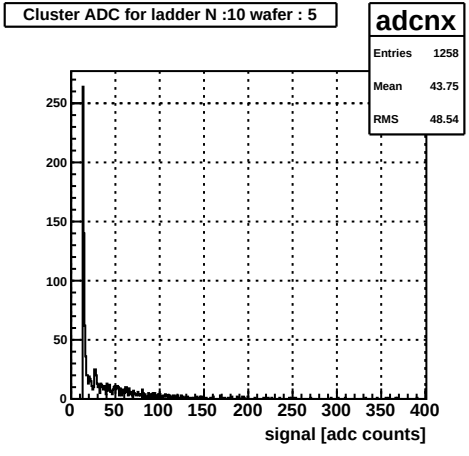

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1736
Mean 47.93
RMS 53.45
signal [adc counts]

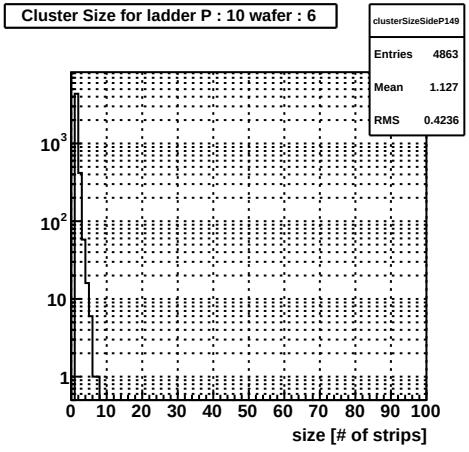

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 3201
Mean 1.114
RMS 0.3902
size [# of strips]

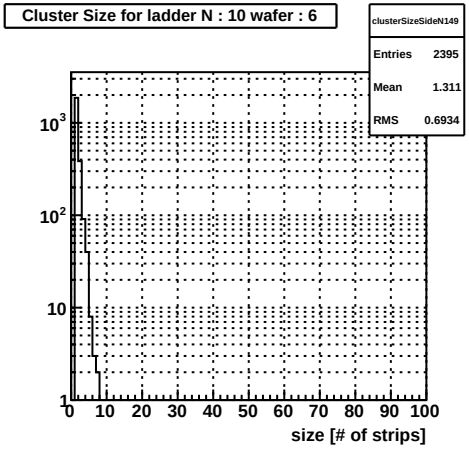

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1258
Mean 1.372
RMS 0.7265
size [# of strips]

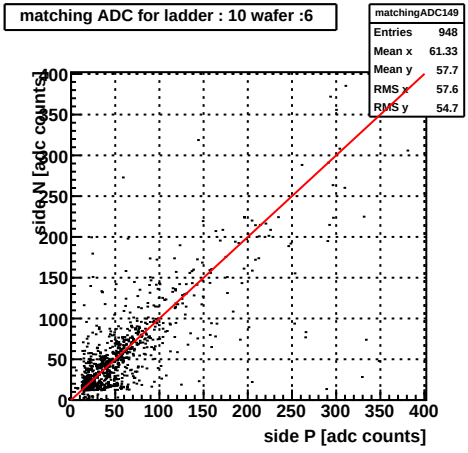

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 373
Mean x 72.93
Mean y 63.95
RMS x 62.29
RMS y 54.24
side N [adc counts]
side P [adc counts]

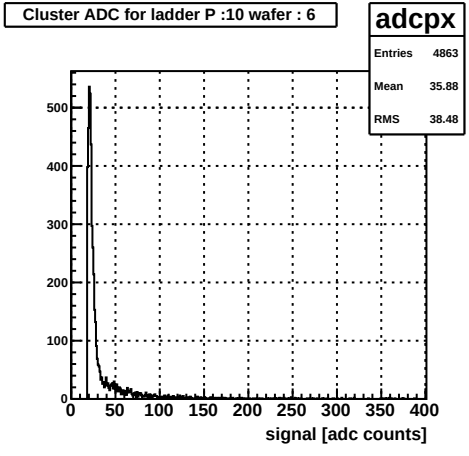

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 3201
Mean 40.82
RMS 42.79
signal [adc counts]

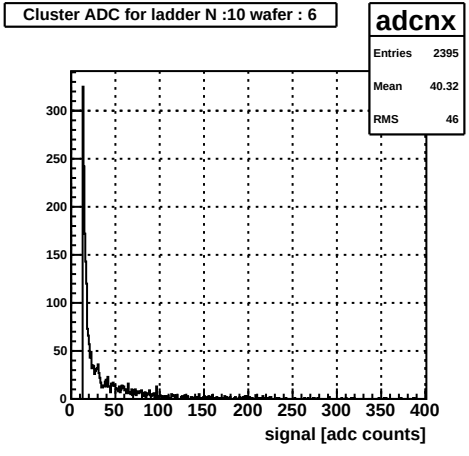

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1258
Mean 43.75
RMS 48.54
signal [adc counts]

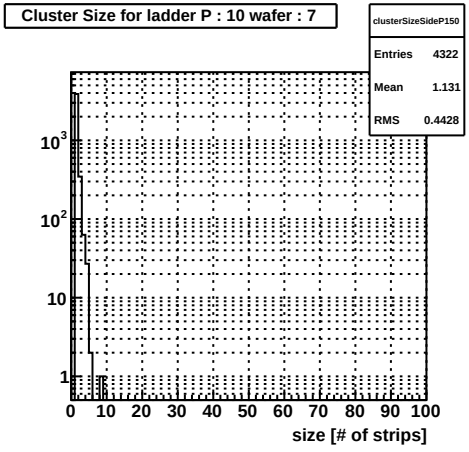

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 4863
Mean 1.127
RMS 0.4236
size [# of strips]

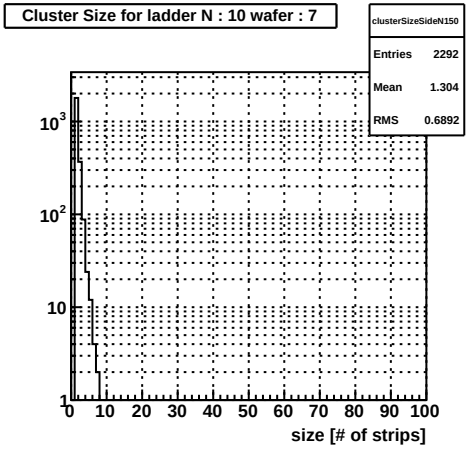

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 2395
Mean 1.311
RMS 0.6934
size [# of strips]

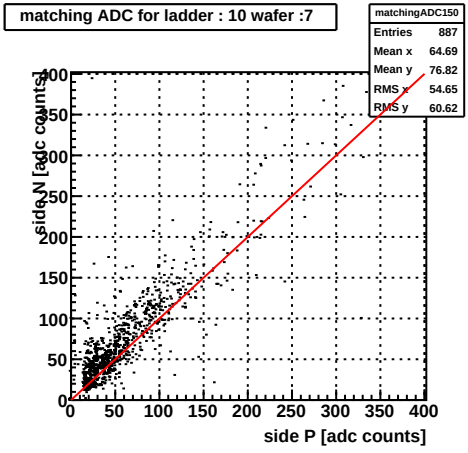

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 948
Mean x 61.33
Mean y 57.7
RMS x 57.6
RMS y 54.7
side N [adc counts]
side P [adc counts]

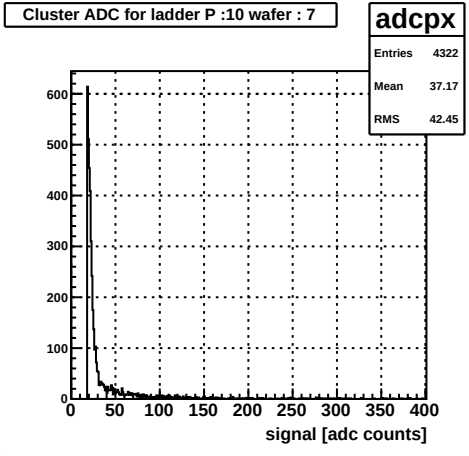

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 4863
Mean 35.88
RMS 38.48
signal [adc counts]

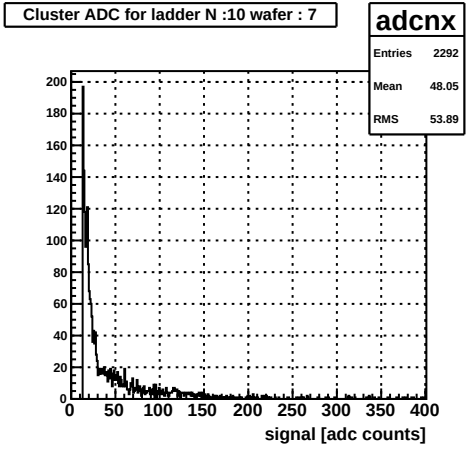

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 2395
Mean 40.32
RMS 46
signal [adc counts]

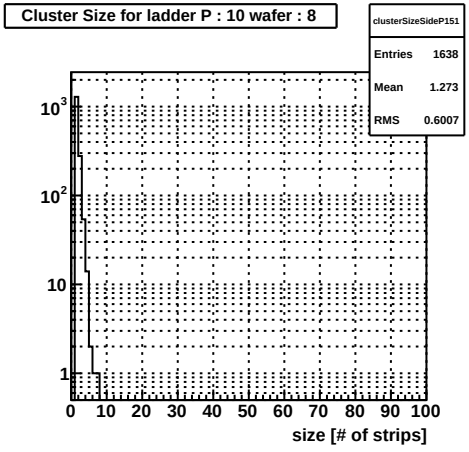

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 4322
Mean 1.131
RMS 0.4428
size [# of strips]

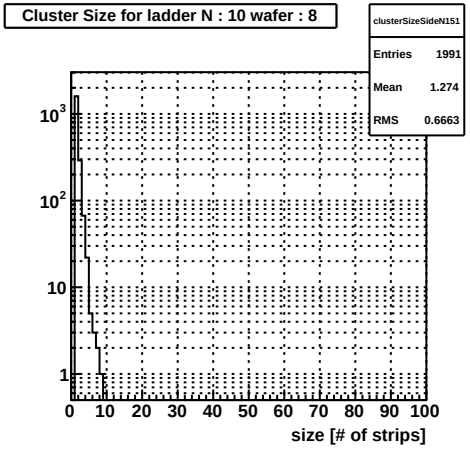

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2292
Mean 1.304
RMS 0.6892
size [# of strips]

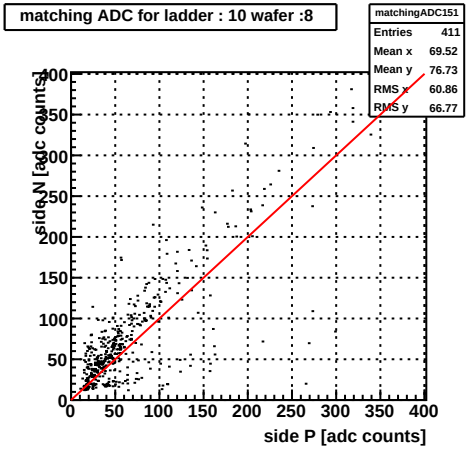

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 887
Mean x 64.69
Mean y 76.82
RMS x 54.65
RMS y 60.62
side N [adc counts]
side P [adc counts]

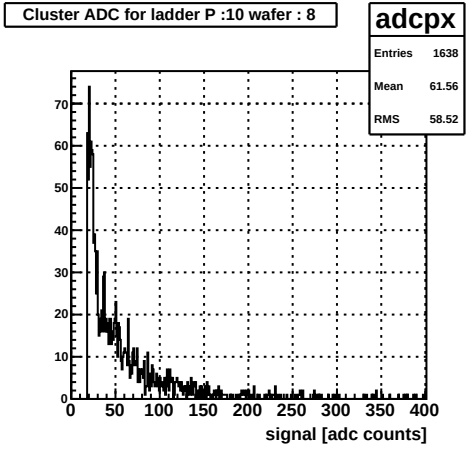

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 4322
Mean 37.17
RMS 42.45
signal [adc counts]

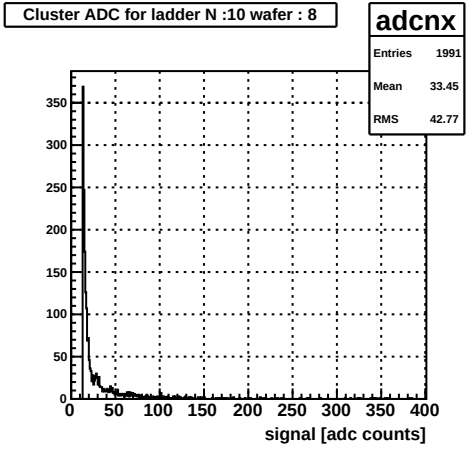

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2292
Mean 48.05
RMS 53.89
signal [adc counts]

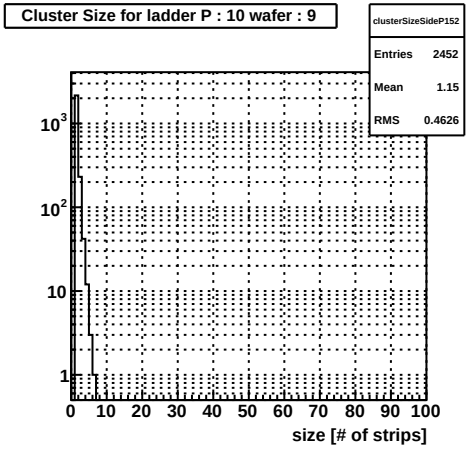

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1638
Mean 1.273
RMS 0.6007
size [# of strips]

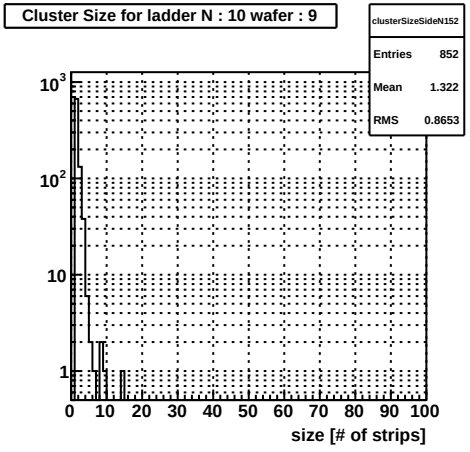

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 1991
Mean 1.274
RMS 0.6663
size [# of strips]

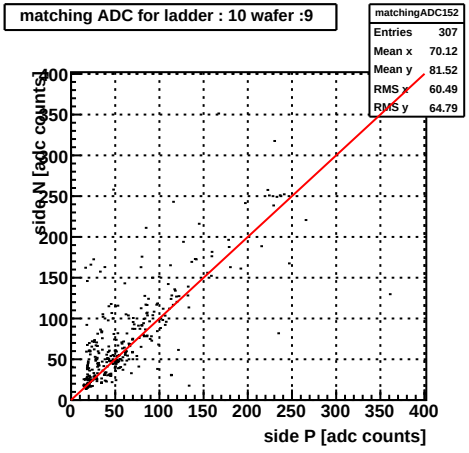

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 411
Mean x 69.52
Mean y 76.73
RMS x 60.86
RMS y 66.77
side N [adc counts]
side P [adc counts]

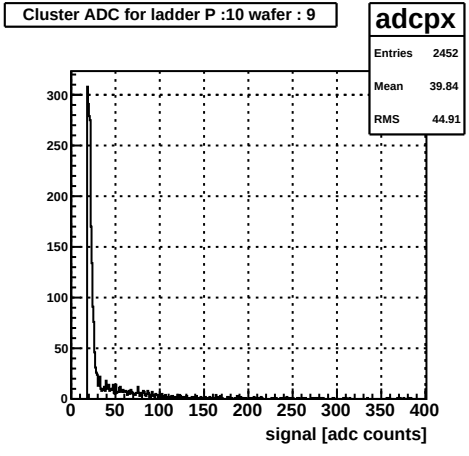

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1638
Mean 61.56
RMS 58.52
signal [adc counts]

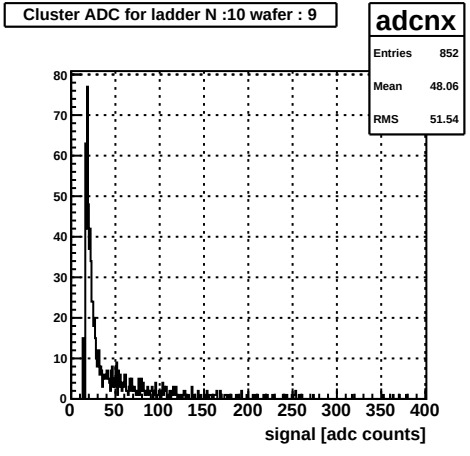

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 1991
Mean 33.45
RMS 42.77
signal [adc counts]

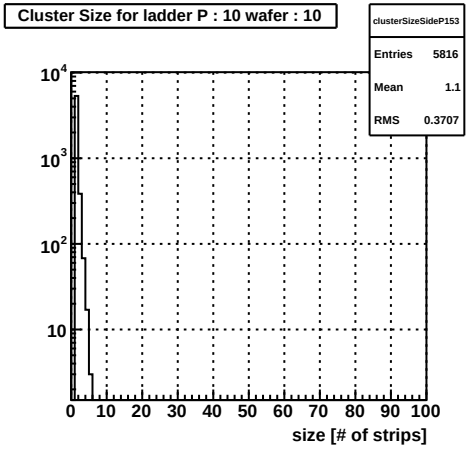

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2452
Mean 1.15
RMS 0.4626
size [# of strips]

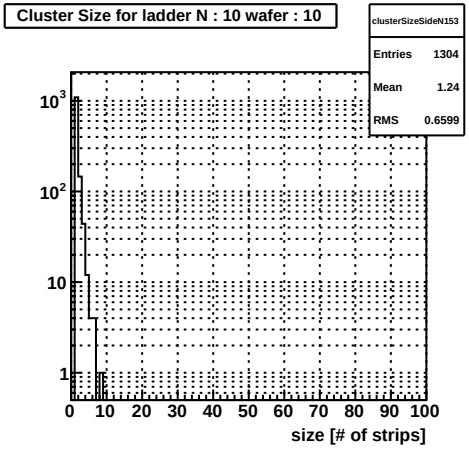

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 852
Mean 1.322
RMS 0.8653
size [# of strips]

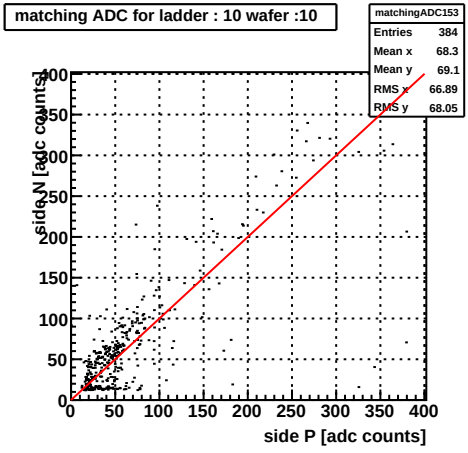

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 307
Mean x 70.12
Mean y 81.52
RMS x 60.49
RMS y 64.79
side N [adc counts]
side P [adc counts]

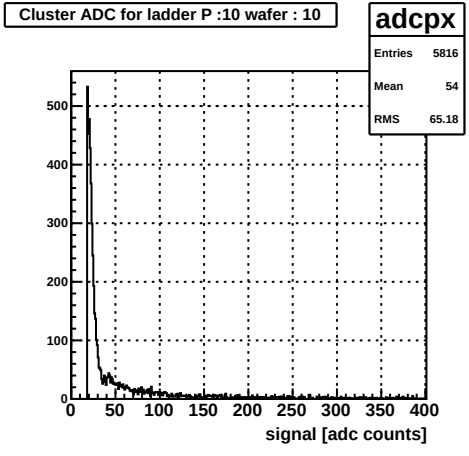

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2452
Mean 39.84
RMS 44.91
signal [adc counts]

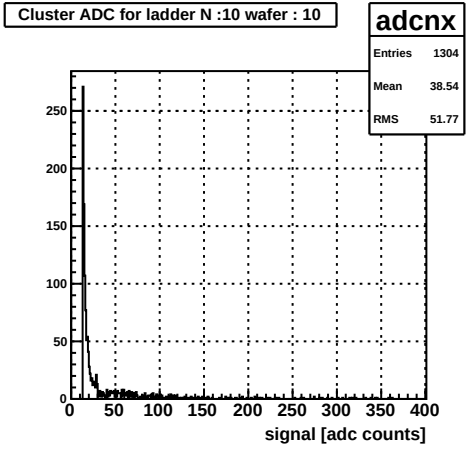

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 852
Mean 48.06
RMS 51.54
signal [adc counts]

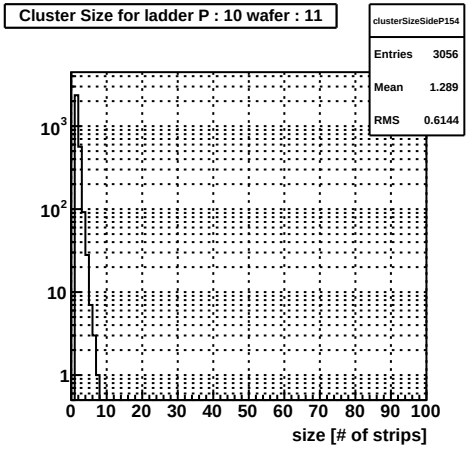

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 5816
Mean 1.1
RMS 0.3707
size [# of strips]

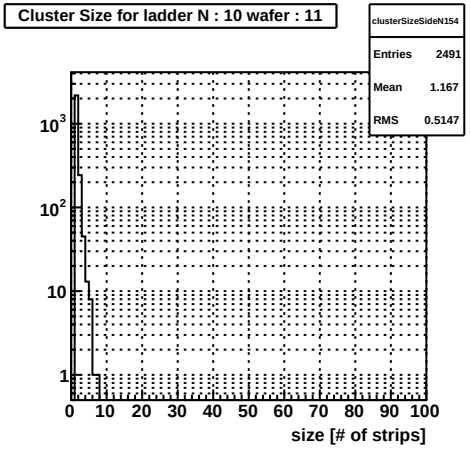

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1304
Mean 1.24
RMS 0.6599
size [# of strips]

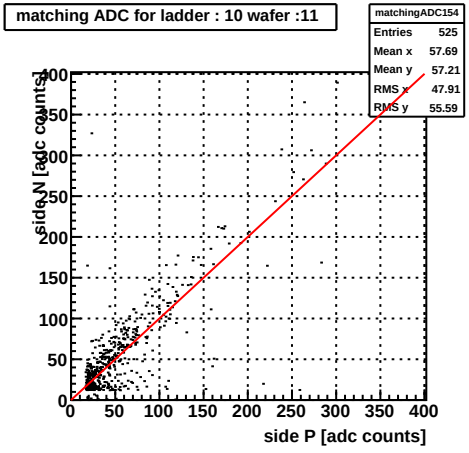

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 384
Mean x 68.3
Mean y 69.1
RMS x 66.89
RMS y 68.05
side N [adc counts]
side P [adc counts]

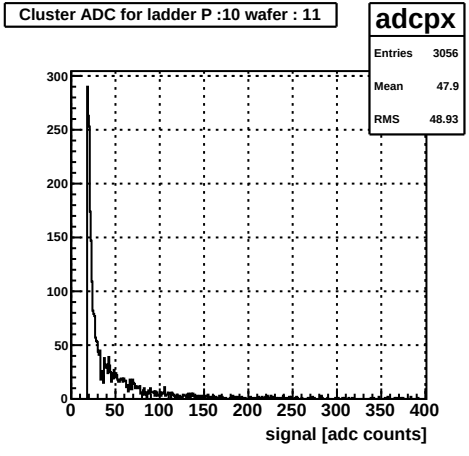

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 5816
Mean 54
RMS 65.18
signal [adc counts]

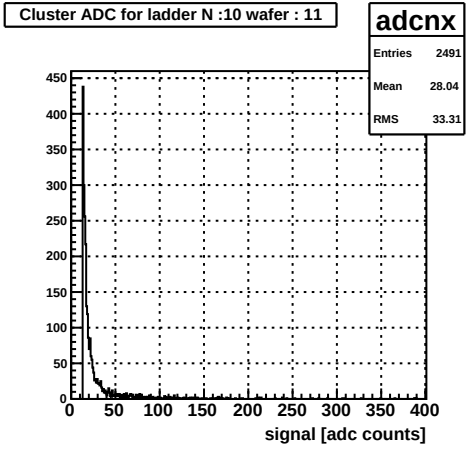

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1304
Mean 38.54
RMS 51.77
signal [adc counts]

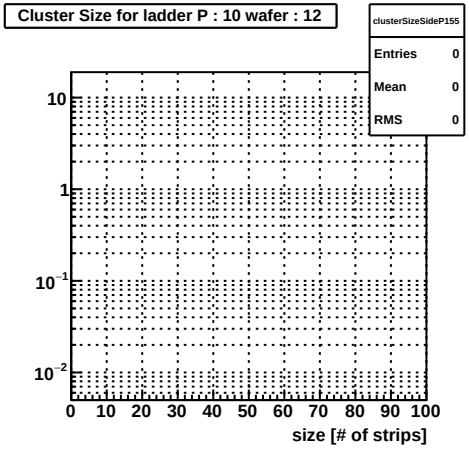

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3056
Mean 1.289
RMS 0.6144
size [# of strips]

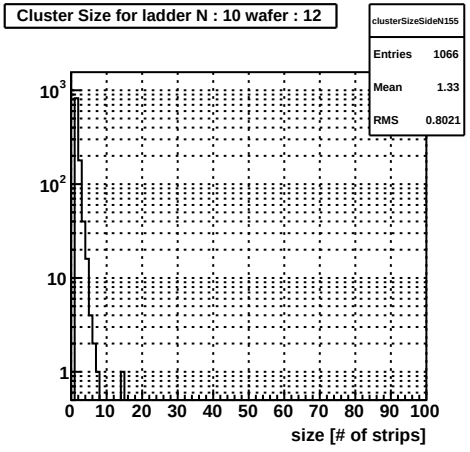

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 2491
Mean 1.167
RMS 0.5147
size [# of strips]

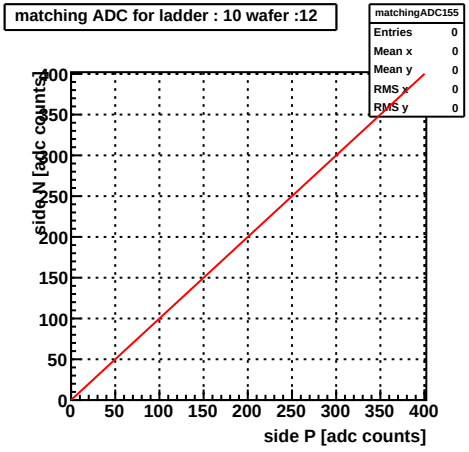

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 525
Mean x 57.69
Mean y 57.21
RMS x 47.91
RMS y 55.59
side N [adc counts]
side P [adc counts]

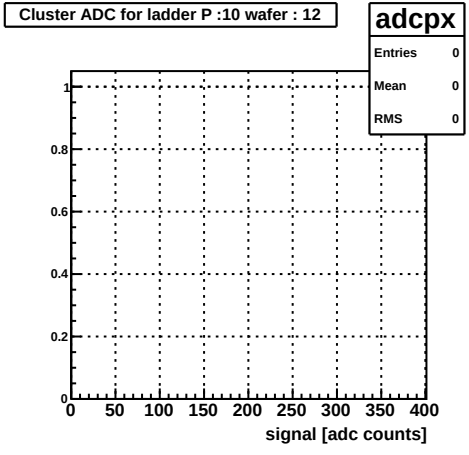

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3056
Mean 47.9
RMS 48.93
signal [adc counts]

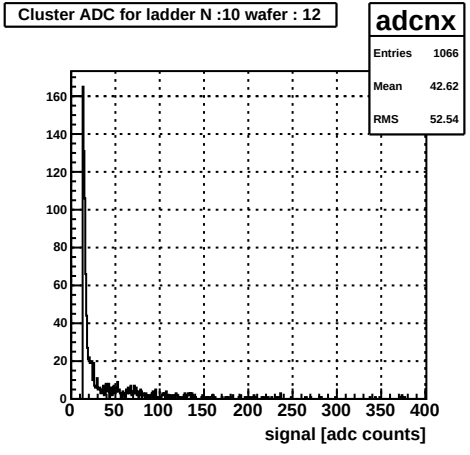

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 2491
Mean 28.04
RMS 33.31
signal [adc counts]

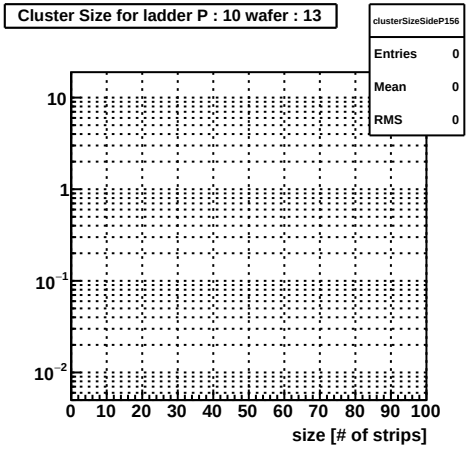

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

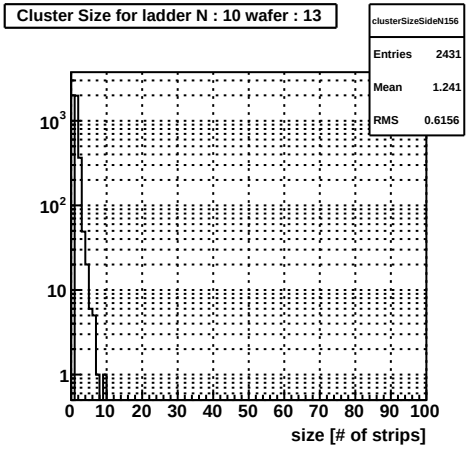

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1066
Mean 1.33
RMS 0.8021
size [# of strips]

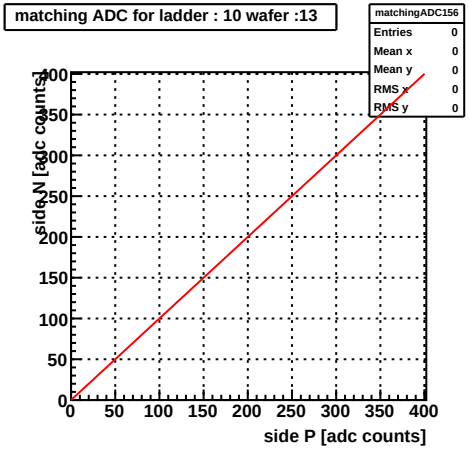

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

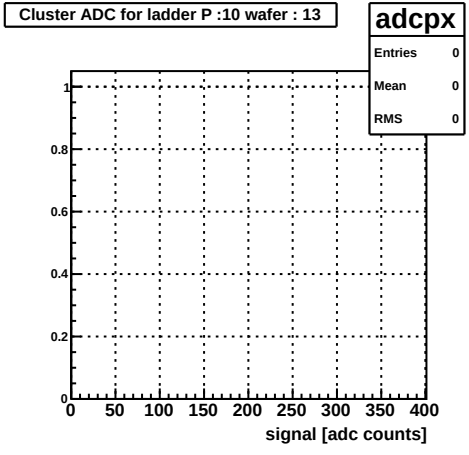

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

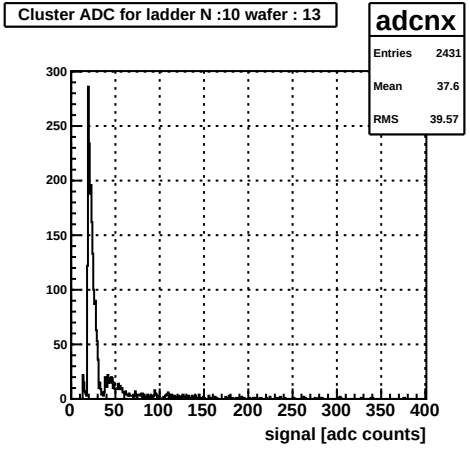

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1066
Mean 42.62
RMS 52.54
signal [adc counts]

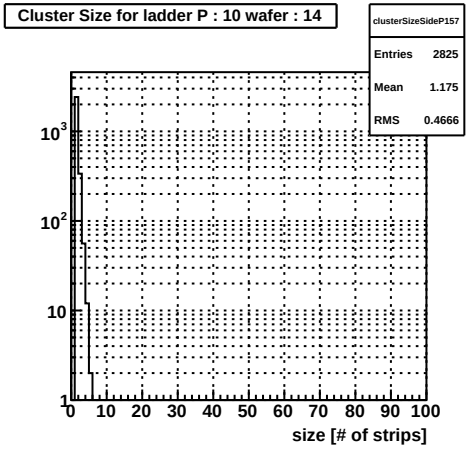

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

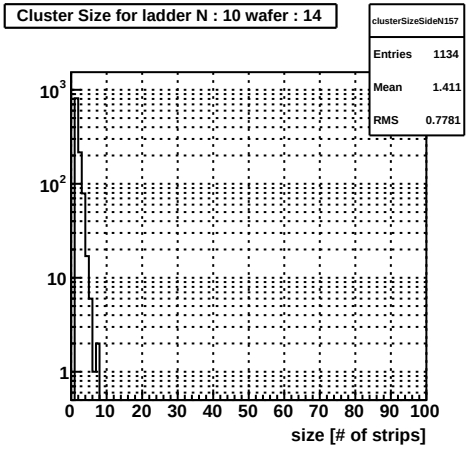

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 2431
Mean 1.241
RMS 0.6156
size [# of strips]

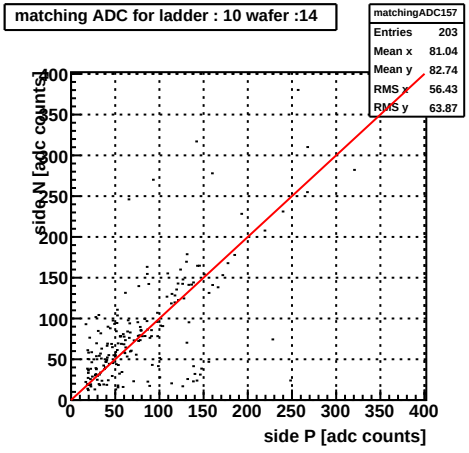

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

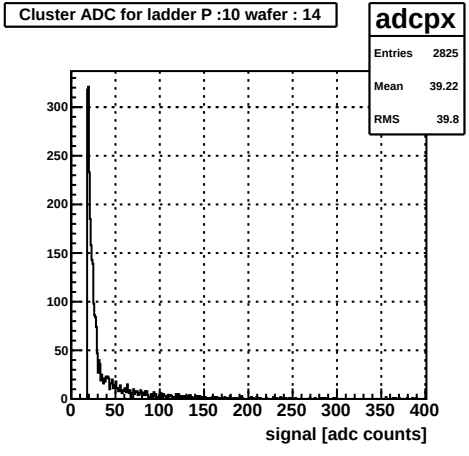

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

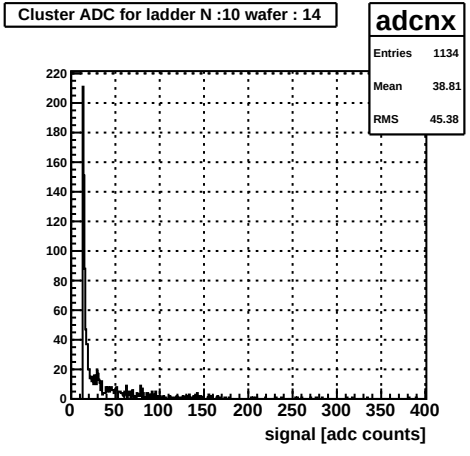

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 2431
Mean 37.6
RMS 39.57
signal [adc counts]

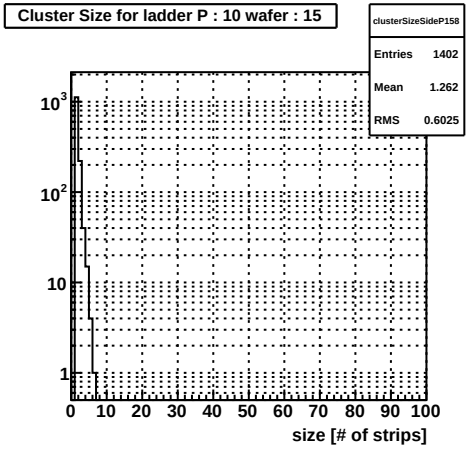

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2825
Mean 1.175
RMS 0.4666
size [# of strips]

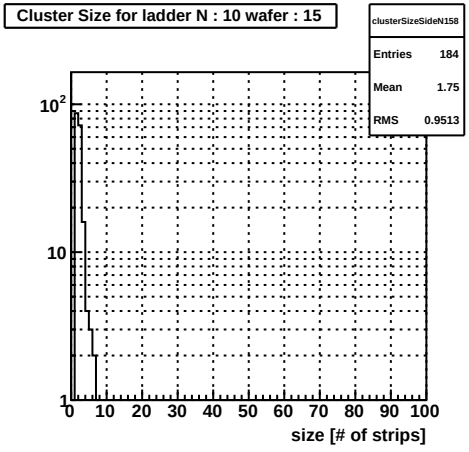

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1134
Mean 1.411
RMS 0.7781
size [# of strips]

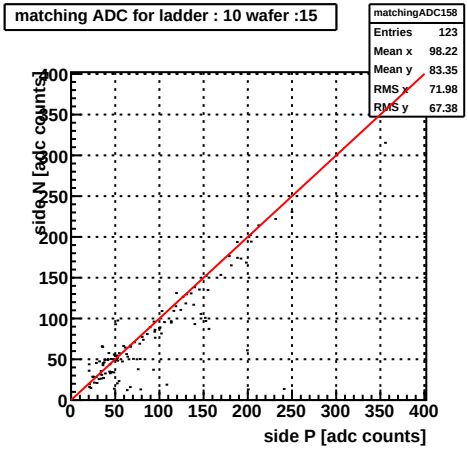

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 203
Mean x 81.04
Mean y 82.74
RMS x 56.43
RMS y 63.87
side N [adc counts]
side P [adc counts]

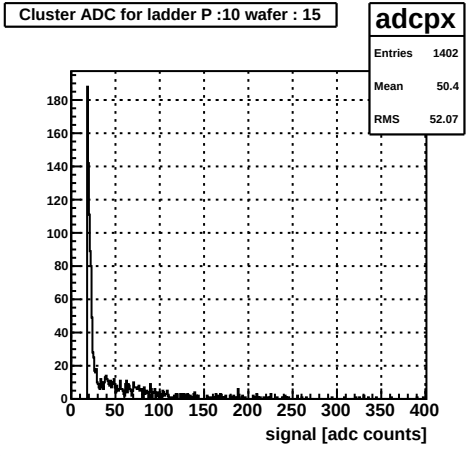

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2825
Mean 39.22
RMS 39.8
signal [adc counts]

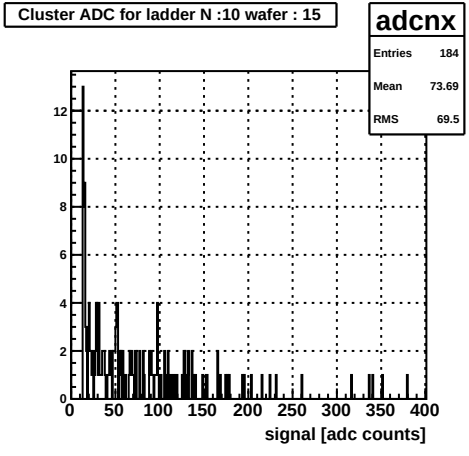

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1134
Mean 38.81
RMS 45.38
signal [adc counts]

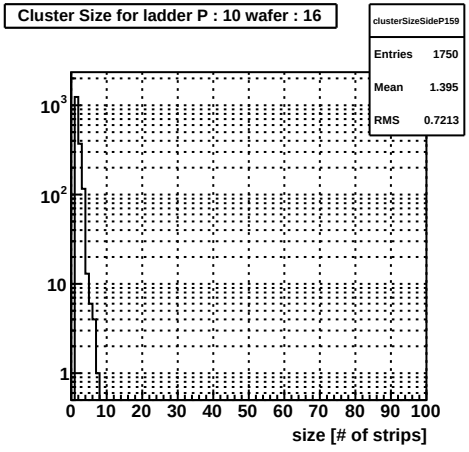

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1402
Mean 1.262
RMS 0.6025
size [# of strips]

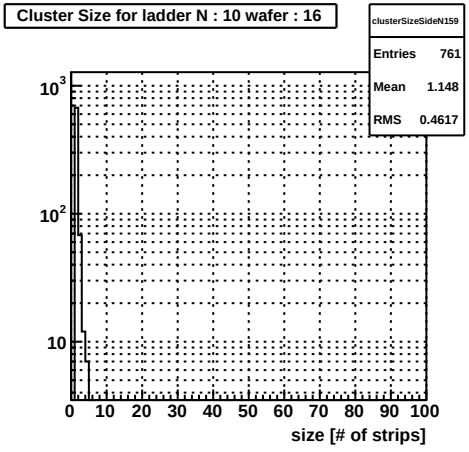

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 184
Mean 1.75
RMS 0.9513
size [# of strips]

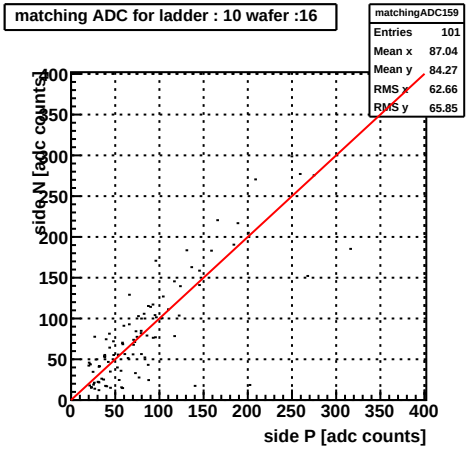

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 123
Mean x 98.22
Mean y 83.35
RMS x 71.98
RMS y 67.38
side N [adc counts]
side P [adc counts]

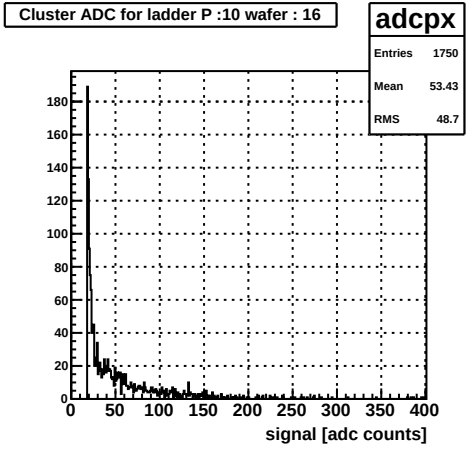

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1402
Mean 50.4
RMS 52.07
signal [adc counts]

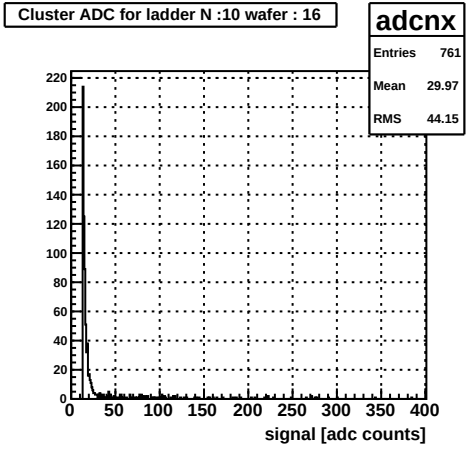

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 184
Mean 73.69
RMS 69.5
signal [adc counts]

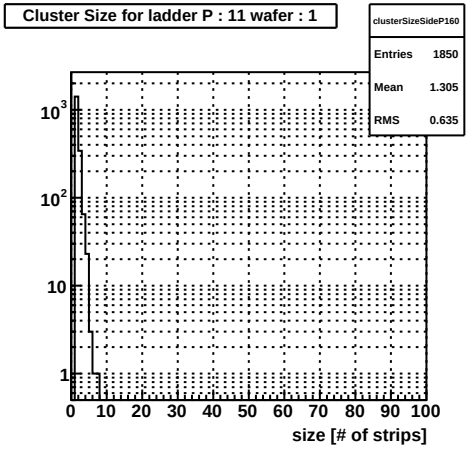

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1750
Mean 1.395
RMS 0.7213
size [# of strips]

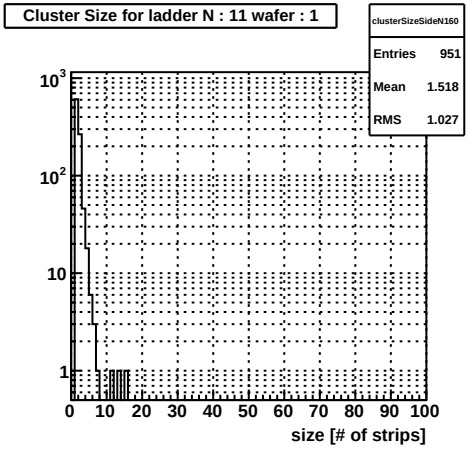

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 761
Mean 1.148
RMS 0.4617
size [# of strips]

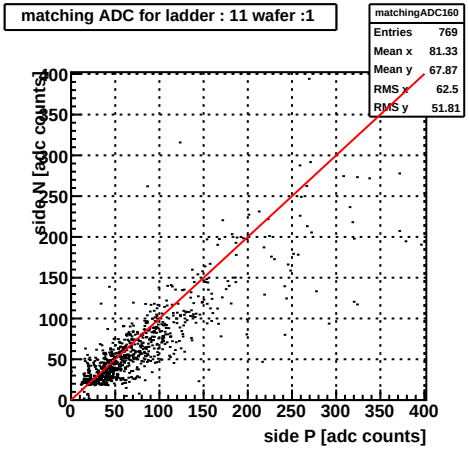

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 101
Mean x 87.04
Mean y 84.27
RMS x 62.66
RMS y 65.85
side N [adc counts]
side P [adc counts]

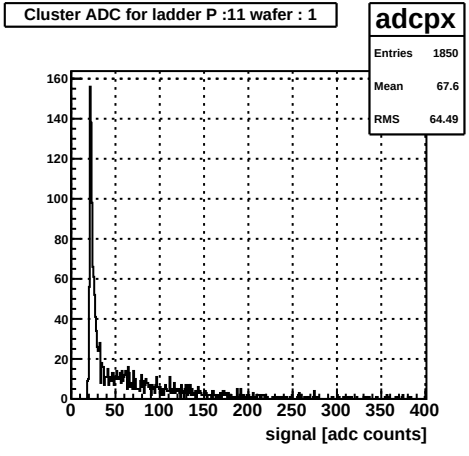

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1750
Mean 53.43
RMS 48.7
signal [adc counts]

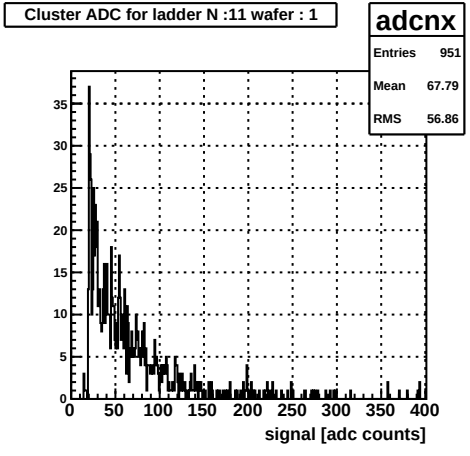

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 761
Mean 29.97
RMS 44.15
signal [adc counts]

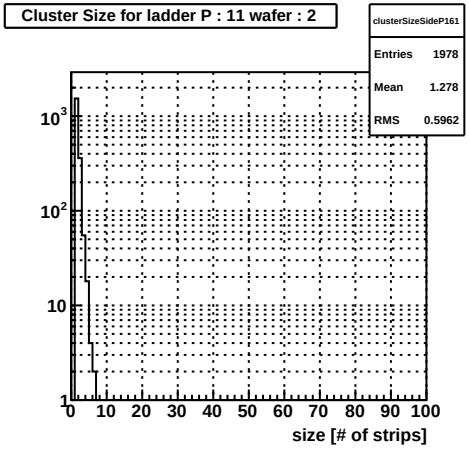

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 1850
Mean 1.305
RMS 0.635
size [# of strips]

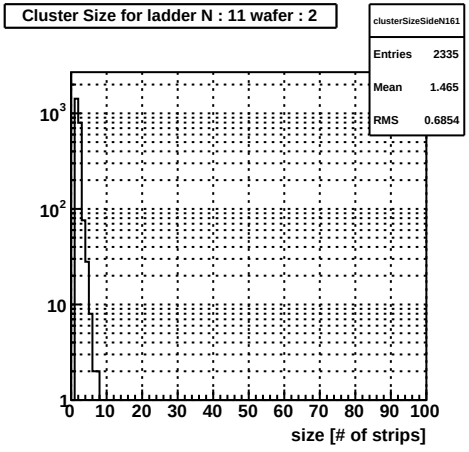

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 951
Mean 1.518
RMS 1.027
size [# of strips]

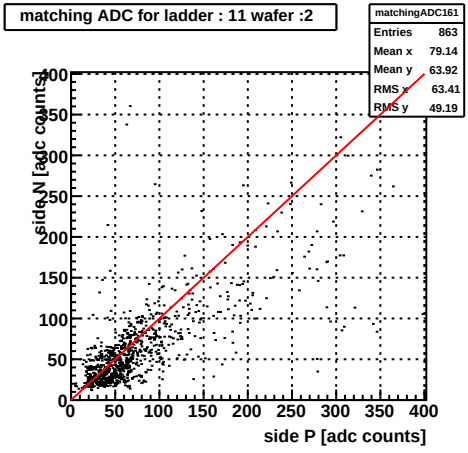

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 769
Mean x 81.33
Mean y 67.87
RMS x 62.5
RMS y 51.81
side N [adc counts]
side P [adc counts]

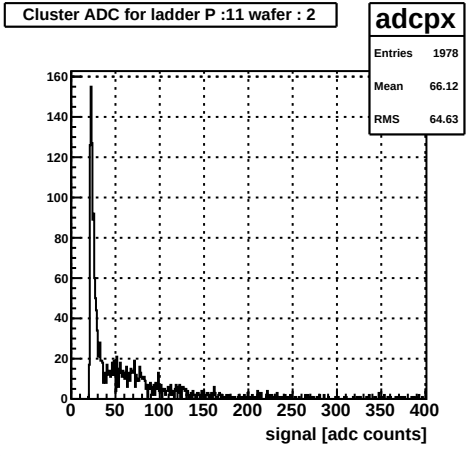

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 1850
Mean 67.6
RMS 64.49
signal [adc counts]

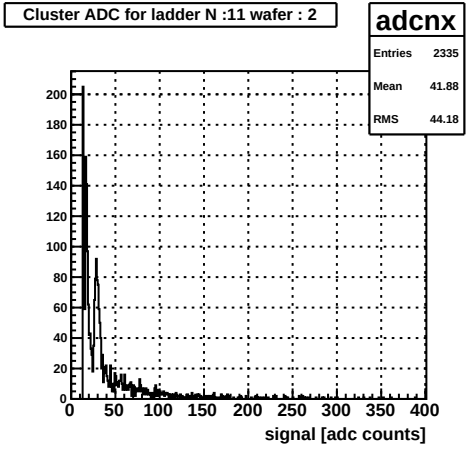

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 951
Mean 67.79
RMS 56.86
signal [adc counts]

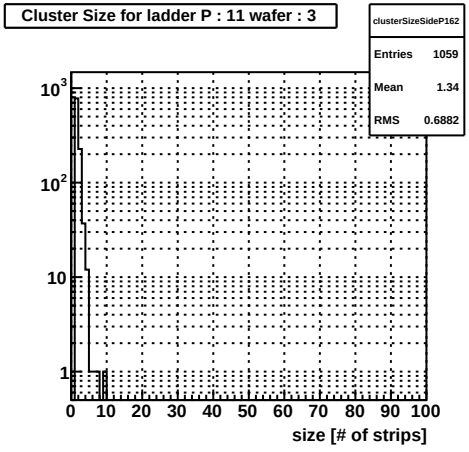

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1978
Mean 1.278
RMS 0.5962
size [# of strips]

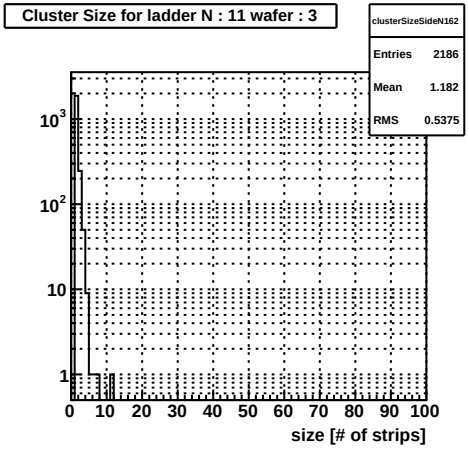

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2335
Mean 1.465
RMS 0.6854
size [# of strips]

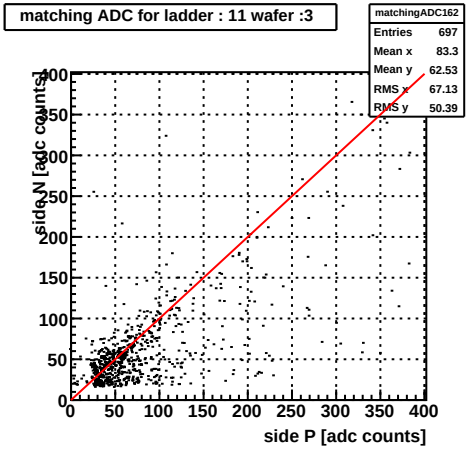

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 863
Mean x 79.14
Mean y 63.92
RMS x 63.41
RMS y 49.19
side N [adc counts]
side P [adc counts]

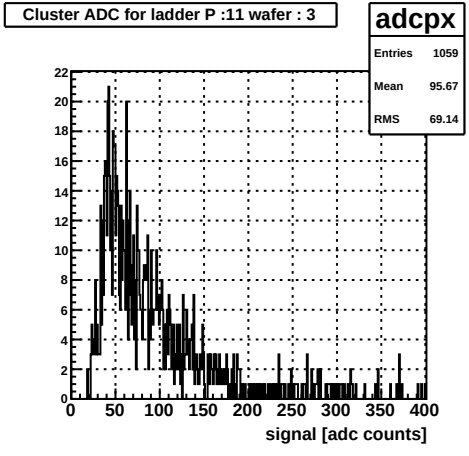

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1978
Mean 66.12
RMS 64.63
signal [adc counts]

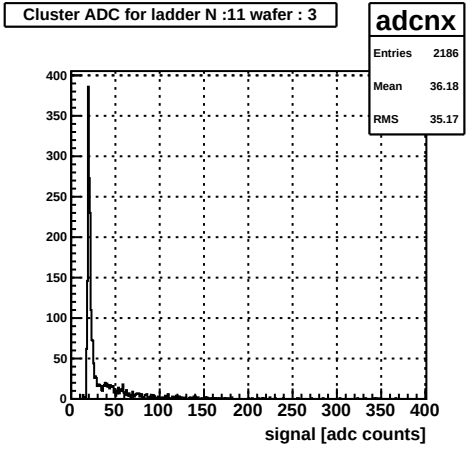

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2335
Mean 41.88
RMS 44.18
signal [adc counts]

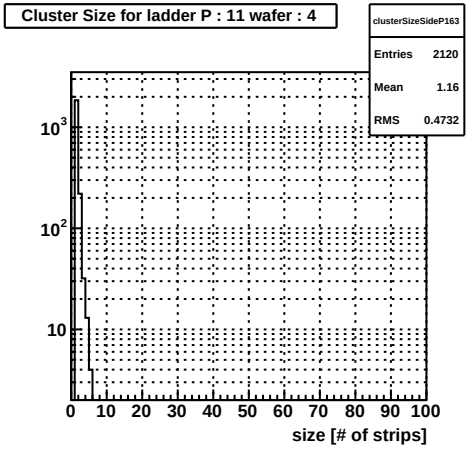

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1059
Mean 1.34
RMS 0.6882
size [# of strips]

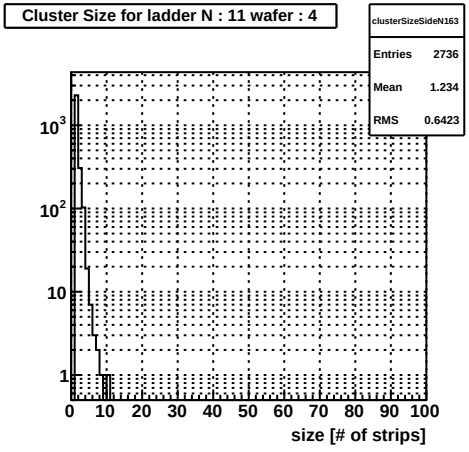

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2186
Mean 1.182
RMS 0.5375
size [# of strips]

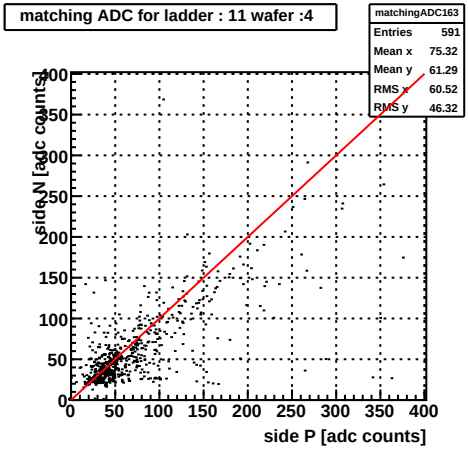

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 697
Mean x 83.3
Mean y 62.53
RMS x 67.13
RMS y 50.39
side N [adc counts]
side P [adc counts]

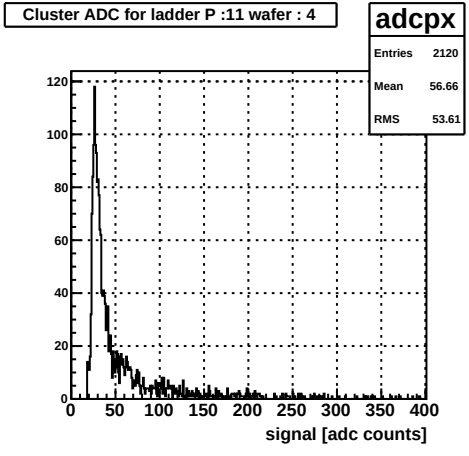

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1059
Mean 95.67
RMS 69.14
signal [adc counts]

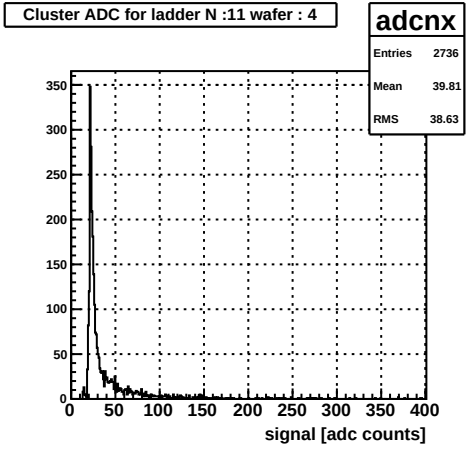

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2186
Mean 36.18
RMS 35.17
signal [adc counts]

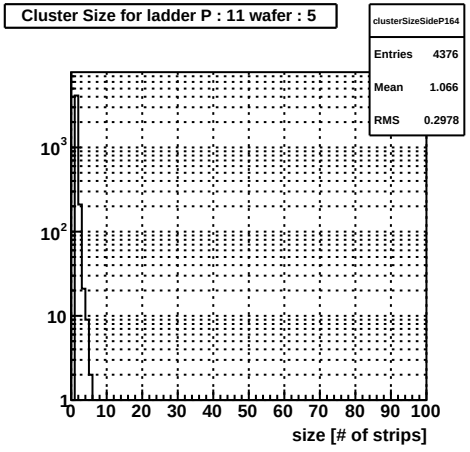

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2120
Mean 1.16
RMS 0.4732
size [# of strips]

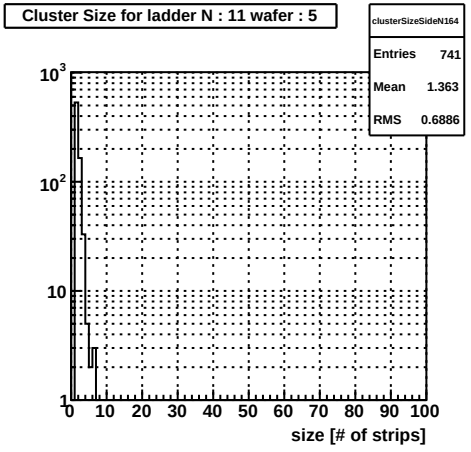

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 2736
Mean 1.234
RMS 0.6423
size [# of strips]

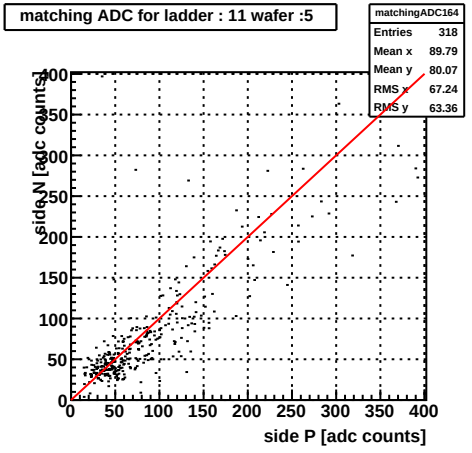

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 591
Mean x 75.32
Mean y 61.29
RMS x 60.52
RMS y 46.32
side N [adc counts]
side P [adc counts]

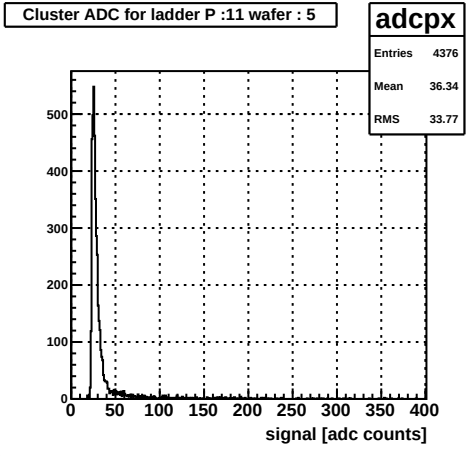

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2120
Mean 56.66
RMS 53.61
signal [adc counts]

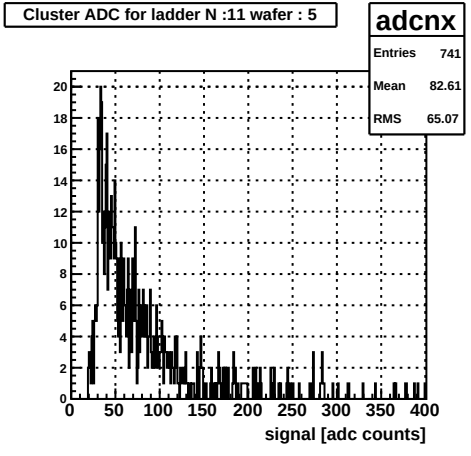

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 2736
Mean 39.81
RMS 38.63
signal [adc counts]

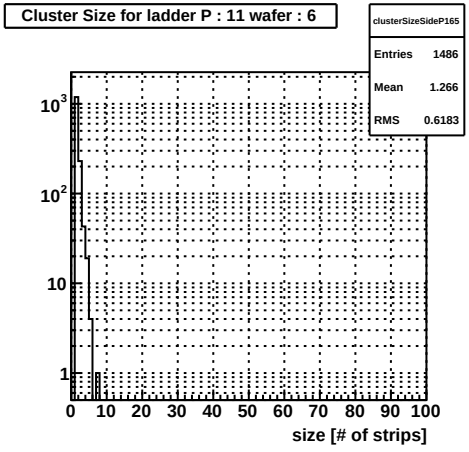

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 4376
Mean 1.066
RMS 0.2978
size [# of strips]

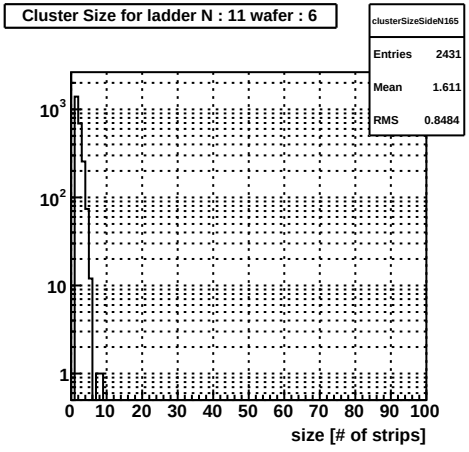

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 741
Mean 1.363
RMS 0.6886
size [# of strips]

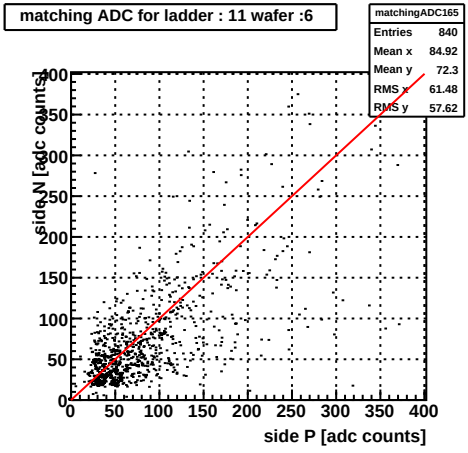

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 318
Mean x 89.79
Mean y 80.07
RMS x 67.24
RMS y 63.36
side N [adc counts]
side P [adc counts]

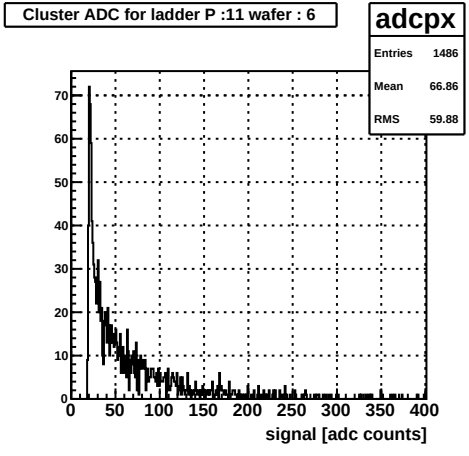

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 4376
Mean 36.34
RMS 33.77
signal [adc counts]

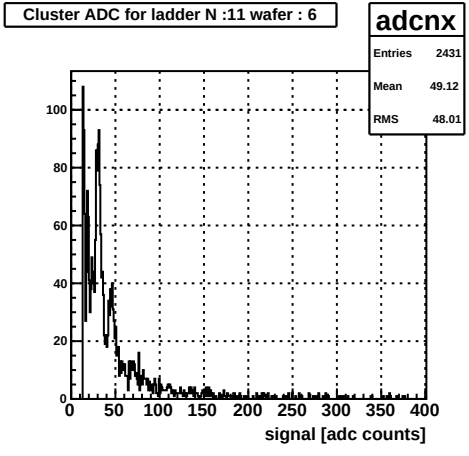

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 741
Mean 82.61
RMS 65.07
signal [adc counts]

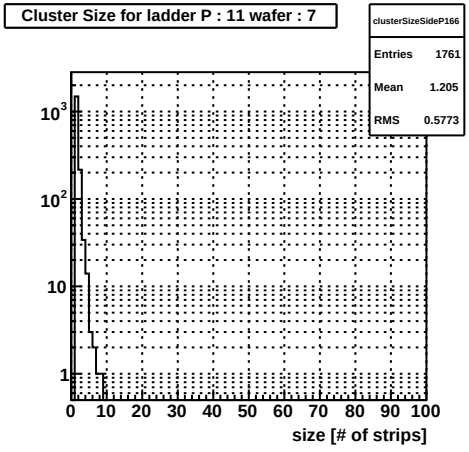

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1486
Mean 1.266
RMS 0.6183
size [# of strips]

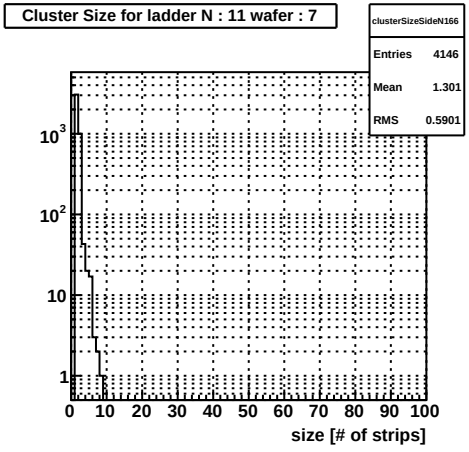

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 2431
Mean 1.611
RMS 0.8484
size [# of strips]

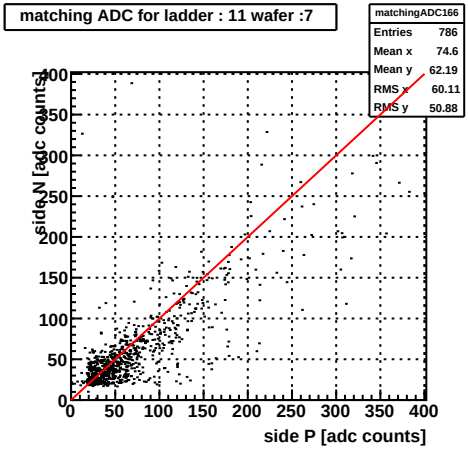

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 840
Mean x 84.92
Mean y 72.3
RMS x 61.48
RMS y 57.62
side N [adc counts]
side P [adc counts]

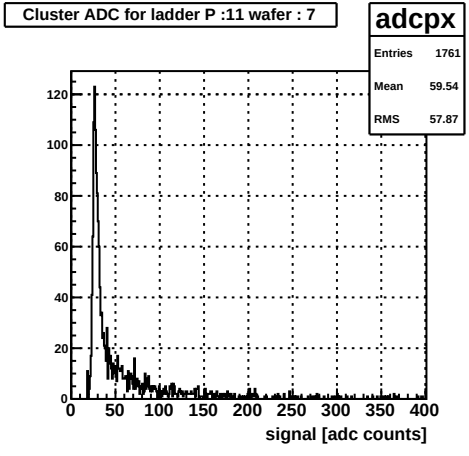

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1486
Mean 66.86
RMS 59.88
signal [adc counts]

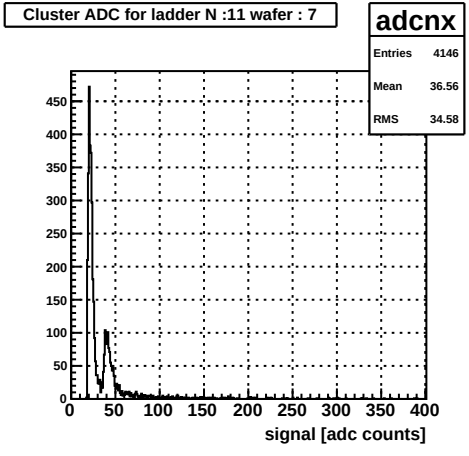

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 2431
Mean 49.12
RMS 48.01
signal [adc counts]

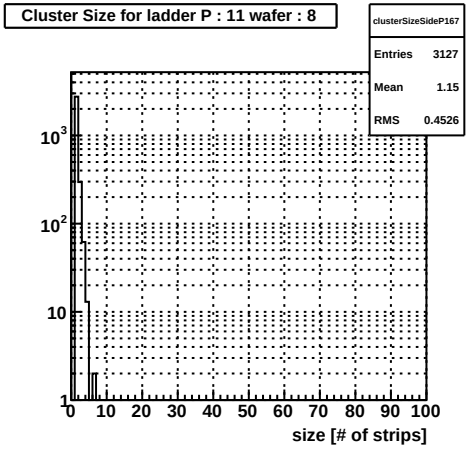

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 1761
Mean 1.205
RMS 0.5773
size [# of strips]

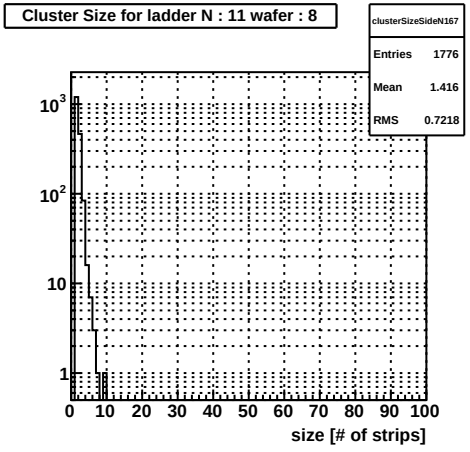

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 4146
Mean 1.301
RMS 0.5901
size [# of strips]

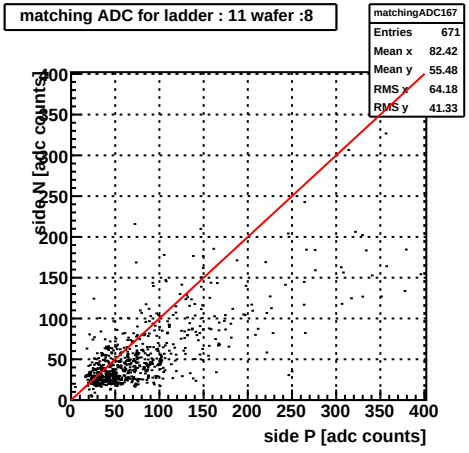

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 786
Mean x 74.6
Mean y 62.19
RMS x 60.11
RMS y 50.88
side N [adc counts]
side P [adc counts]

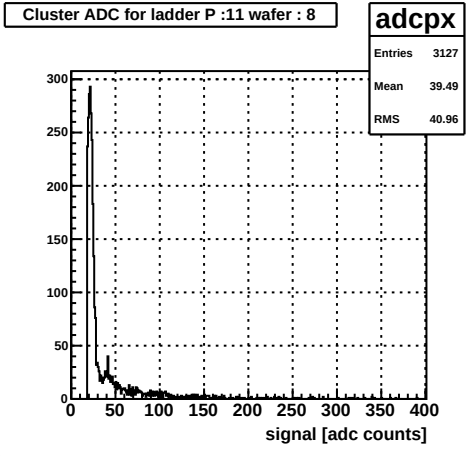

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 1761
Mean 59.54
RMS 57.87
signal [adc counts]

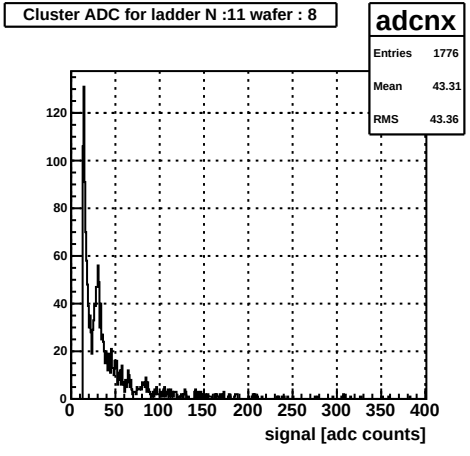

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 4146
Mean 36.56
RMS 34.58
signal [adc counts]

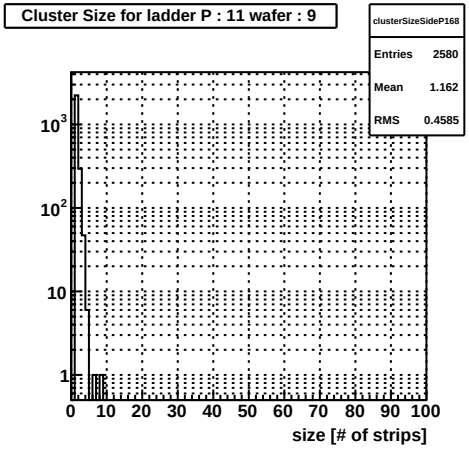

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 3127
Mean 1.15
RMS 0.4526
size [# of strips]

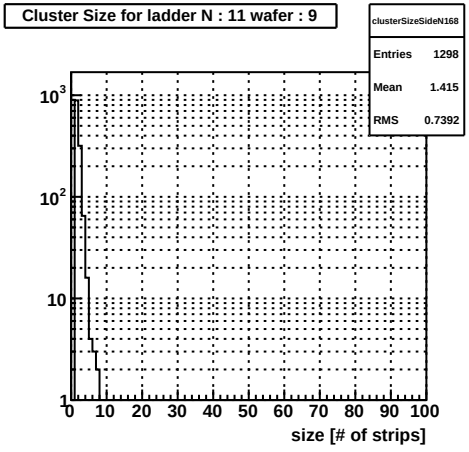

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1776
Mean 1.416
RMS 0.7218
size [# of strips]

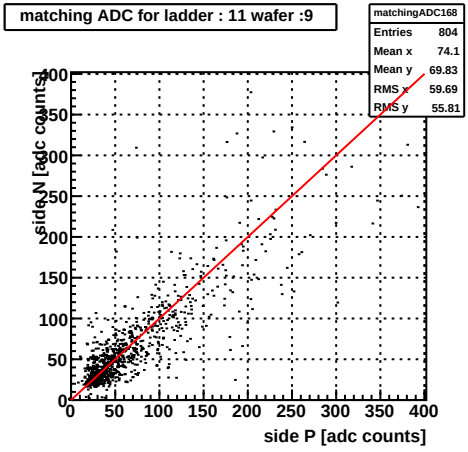

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 671
Mean x 82.42
Mean y 55.48
RMS x 64.18
RMS y 41.33
side N [adc counts]
side P [adc counts]

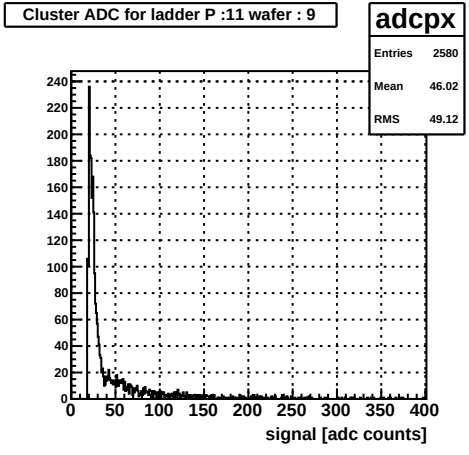

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 3127
Mean 39.49
RMS 40.96
signal [adc counts]

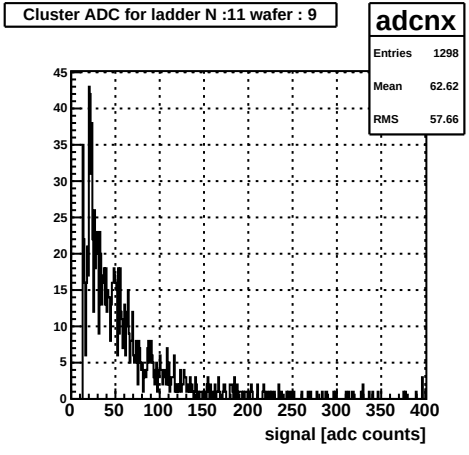

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1776
Mean 43.31
RMS 43.36
signal [adc counts]

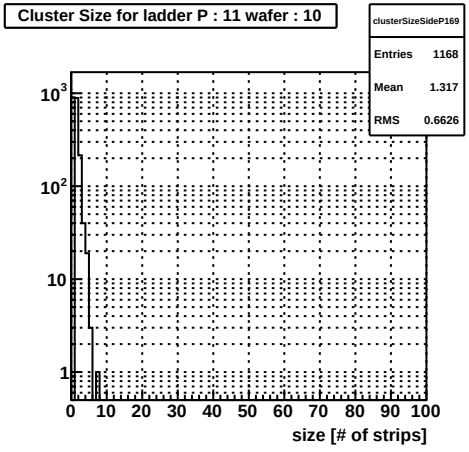

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 2580
Mean 1.162
RMS 0.4585
size [# of strips]

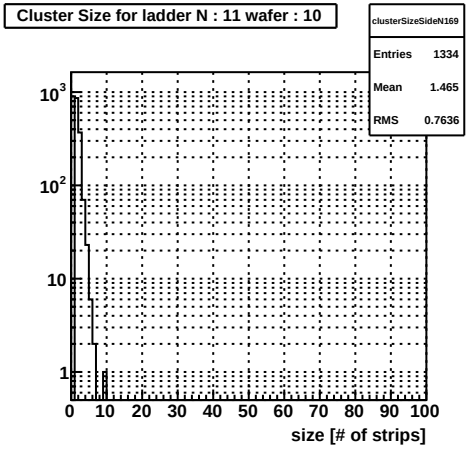

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1298
Mean 1.415
RMS 0.7392
size [# of strips]

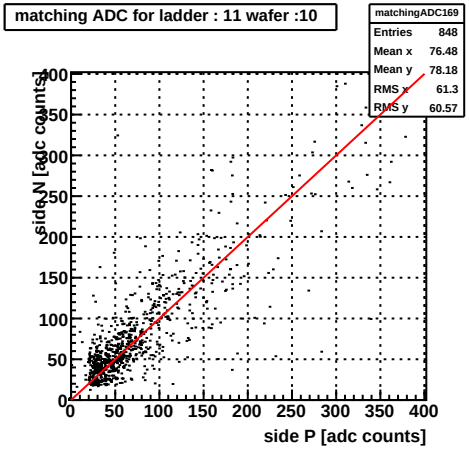

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 804
Mean x 74.1
Mean y 69.83
RMS x 59.69
RMS y 55.81
side N [adc counts]
side P [adc counts]

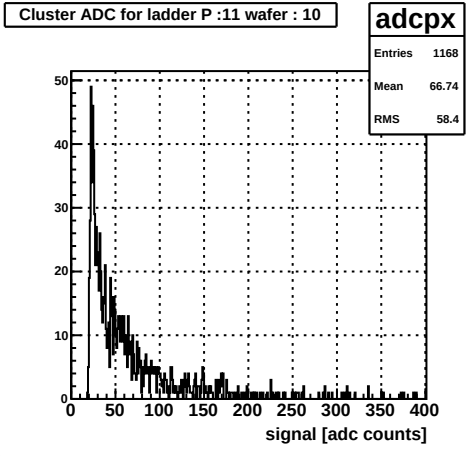

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 2580
Mean 46.02
RMS 49.12
signal [adc counts]

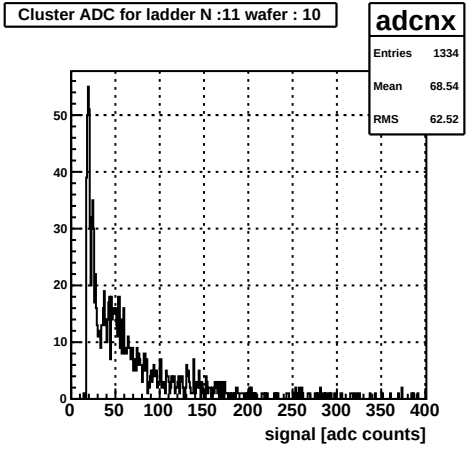

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1298
Mean 62.62
RMS 57.66
signal [adc counts]

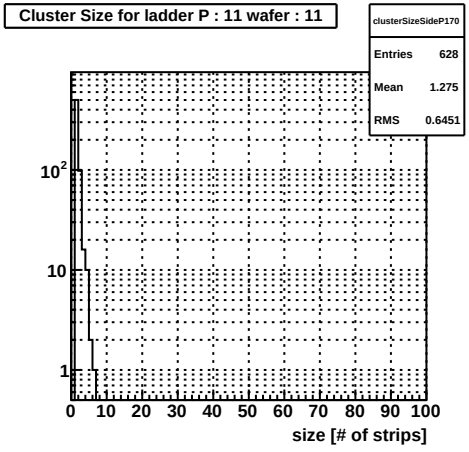

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1168
Mean 1.317
RMS 0.6626
size [# of strips]

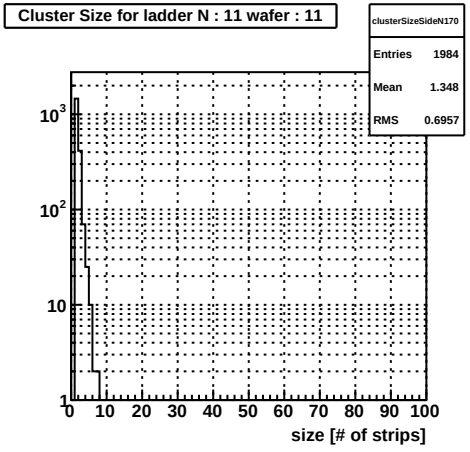

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1334
Mean 1.465
RMS 0.7636
size [# of strips]

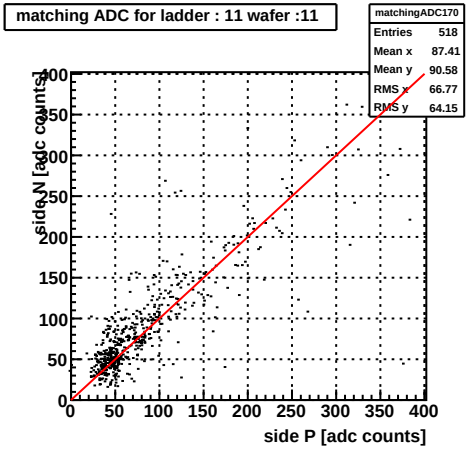

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 848
Mean x 76.48
Mean y 78.18
RMS x 61.3
RMS y 60.57
side N [adc counts]
side P [adc counts]

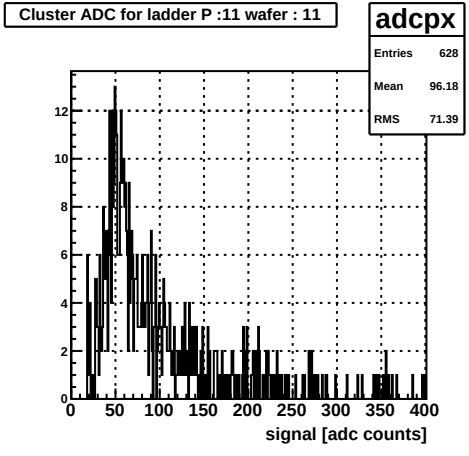

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1168
Mean 66.74
RMS 58.4
signal [adc counts]

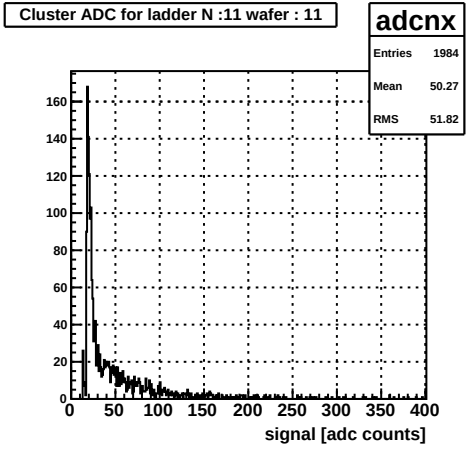

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1334
Mean 68.54
RMS 62.52
signal [adc counts]

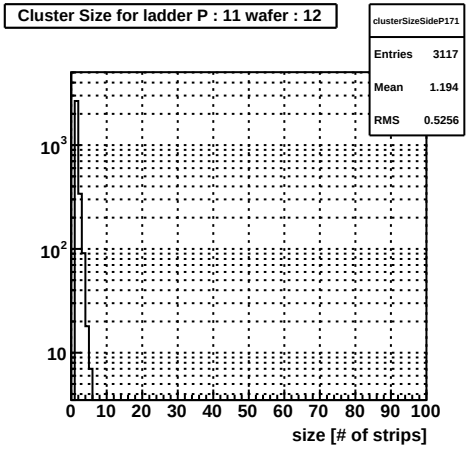

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 628
Mean 1.275
RMS 0.6451
size [# of strips]

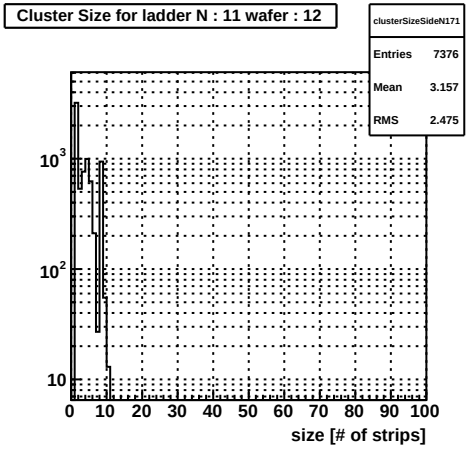

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 1984
Mean 1.348
RMS 0.6957
size [# of strips]

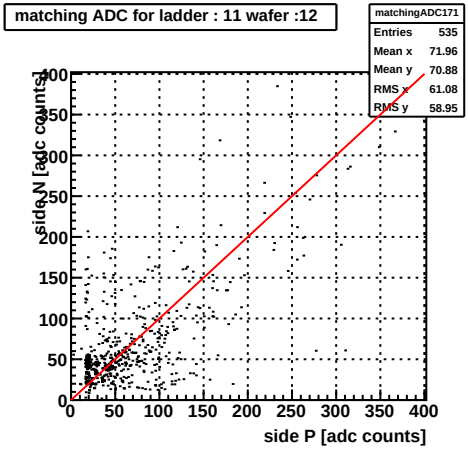

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 518
Mean x 87.41
Mean y 90.58
RMS x 66.77
RMS y 64.15
side N [adc counts]
side P [adc counts]

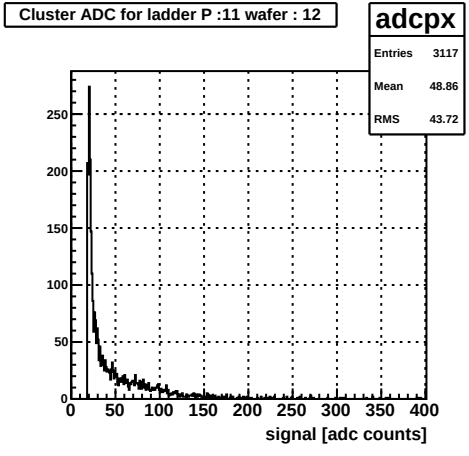

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 628
Mean 96.18
RMS 71.39
signal [adc counts]

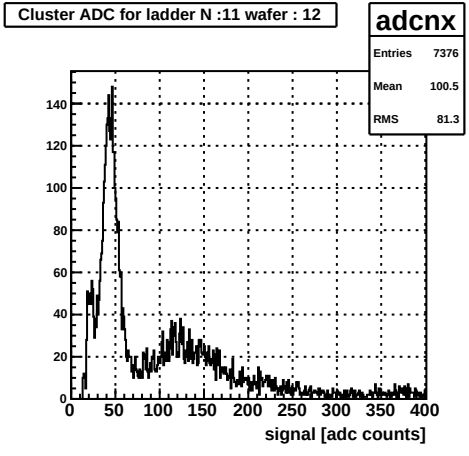

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 1984
Mean 50.27
RMS 51.82
signal [adc counts]

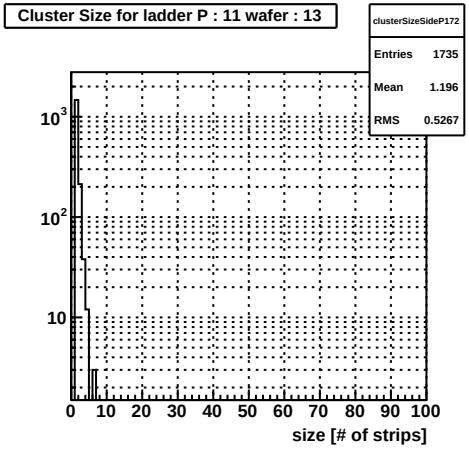

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 3117
Mean 1.194
RMS 0.5256
size [# of strips]

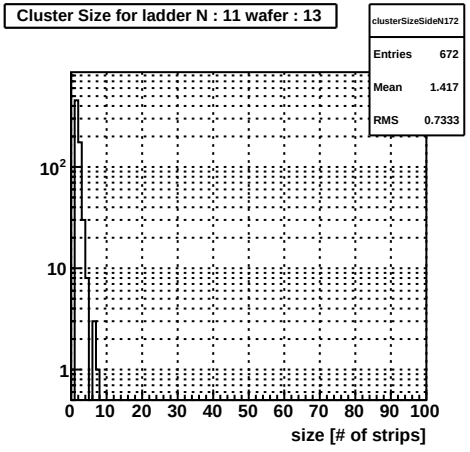

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 7376
Mean 3.157
RMS 2.475
size [# of strips]

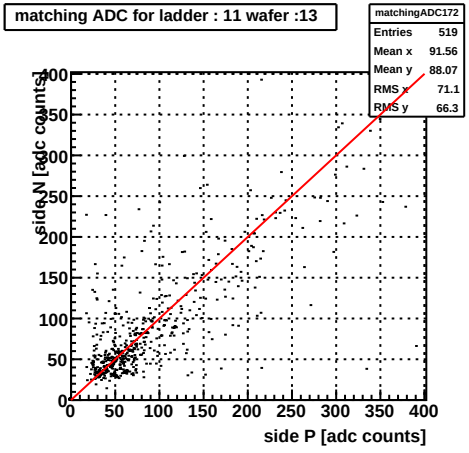

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 535
Mean x 71.96
Mean y 70.88
RMS x 61.08
RMS y 58.95
side N [adc counts]
side P [adc counts]

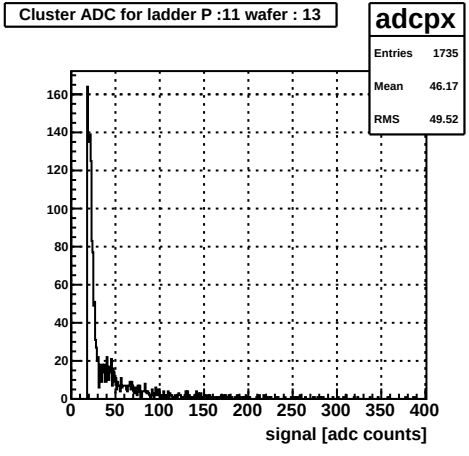

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 3117
Mean 48.86
RMS 43.72
signal [adc counts]

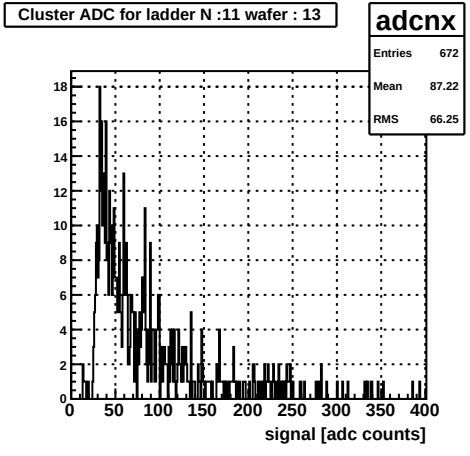

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 7376
Mean 100.5
RMS 81.3
signal [adc counts]

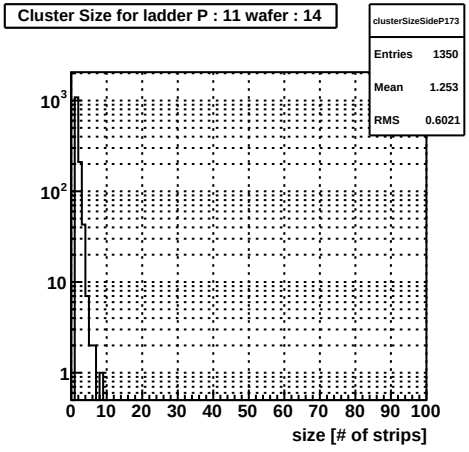

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1735
Mean 1.196
RMS 0.5267
size [# of strips]

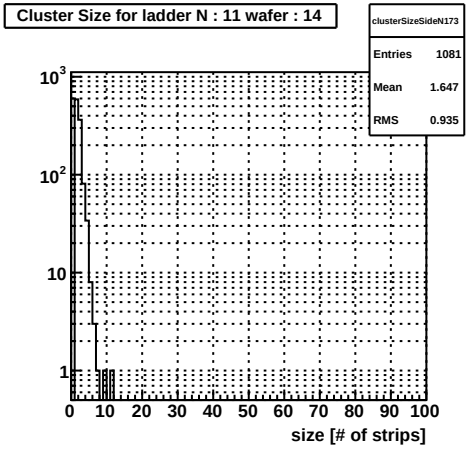

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 672
Mean 1.417
RMS 0.7333
size [# of strips]

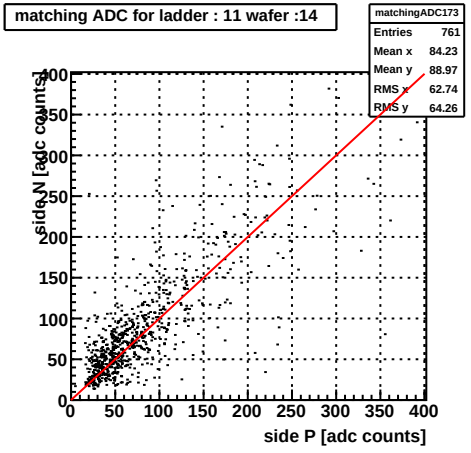

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 519
Mean x 91.56
Mean y 88.07
RMS x 71.1
RMS y 66.3
side N [adc counts]
side P [adc counts]

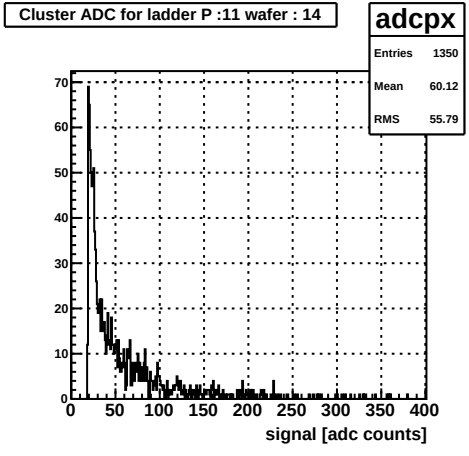

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1735
Mean 46.17
RMS 49.52
signal [adc counts]

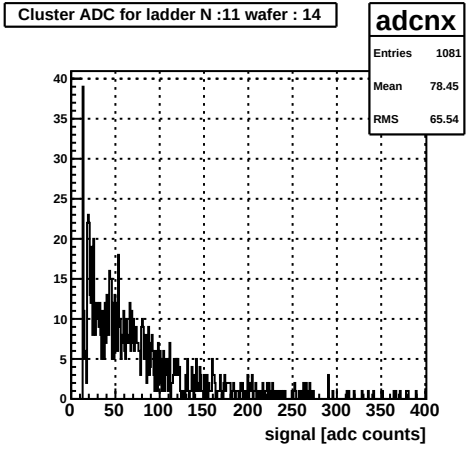

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 672
Mean 87.22
RMS 66.25
signal [adc counts]

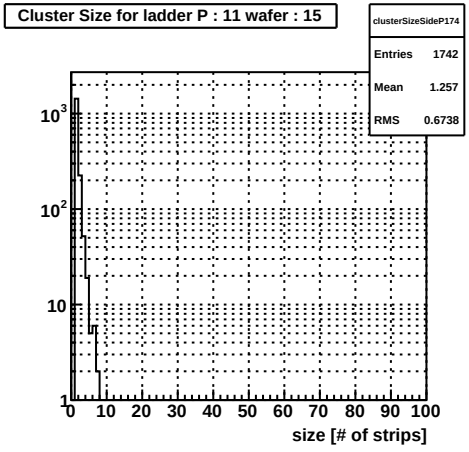

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1350
Mean 1.253
RMS 0.6021
size [# of strips]

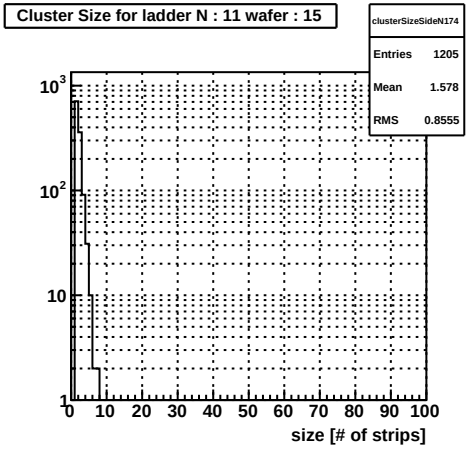

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1081
Mean 1.647
RMS 0.935
size [# of strips]

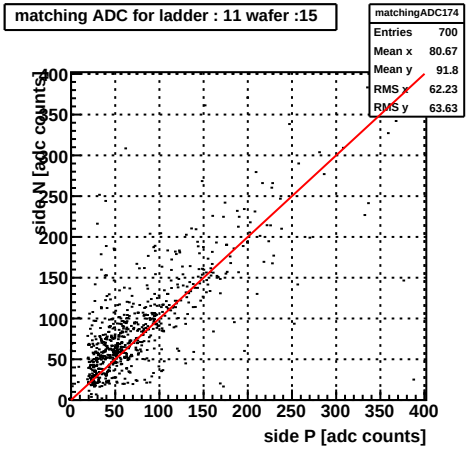

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 761
Mean x 84.23
Mean y 88.97
RMS x 62.74
RMS y 64.26
side N [adc counts]
side P [adc counts]

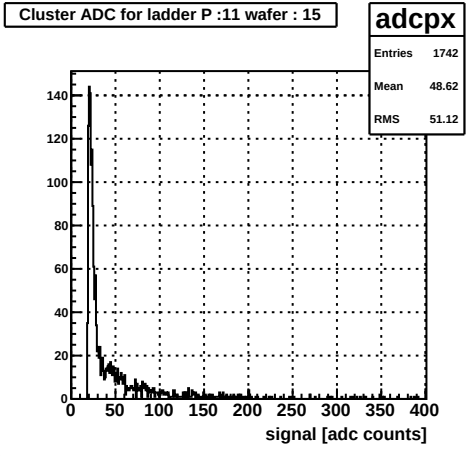

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1350
Mean 60.12
RMS 55.79
signal [adc counts]

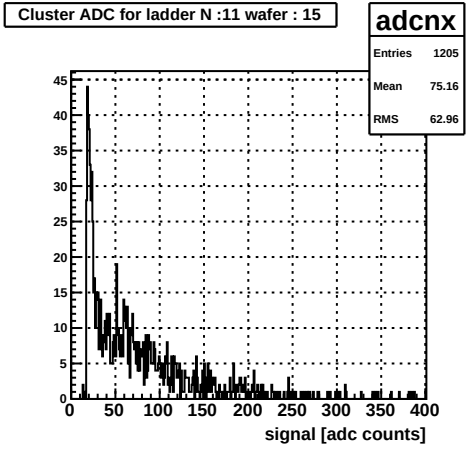

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1081
Mean 78.45
RMS 65.54
signal [adc counts]

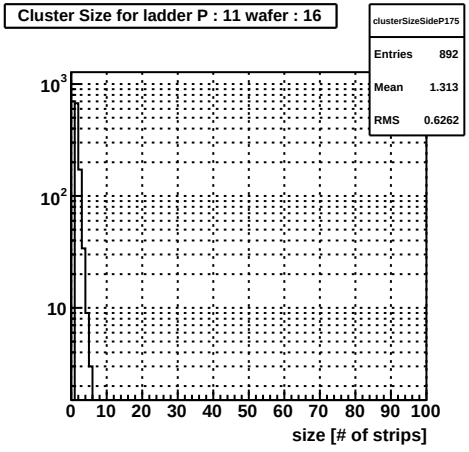

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1742
Mean 1.257
RMS 0.6738
size [# of strips]

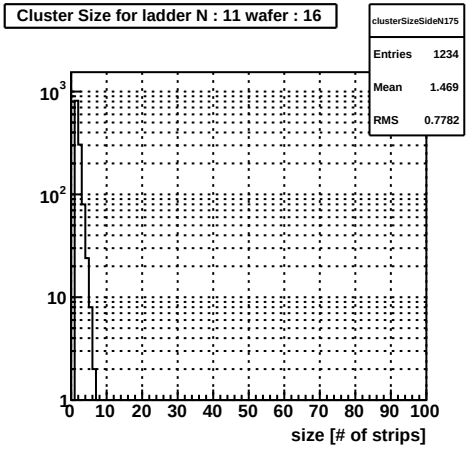

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1205
Mean 1.578
RMS 0.8555
size [# of strips]

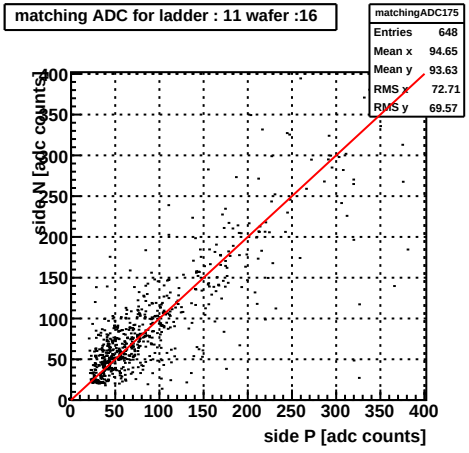

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 700
Mean x 80.67
Mean y 91.8
RMS x 62.23
RMS y 63.63
side N [adc counts]
side P [adc counts]

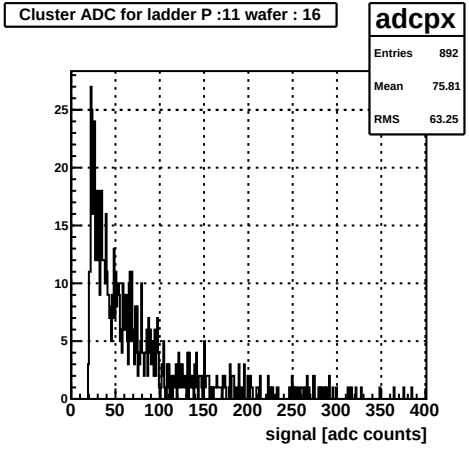

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1742
Mean 48.62
RMS 51.12
signal [adc counts]

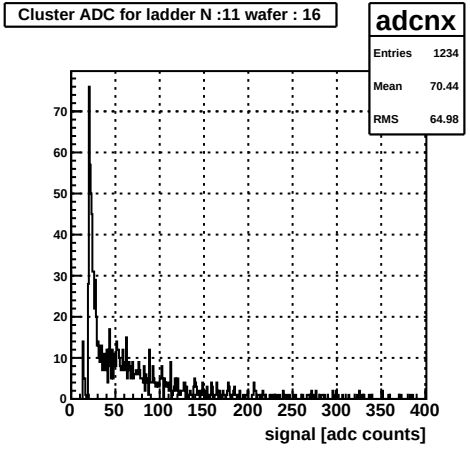

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1205
Mean 75.16
RMS 62.96
signal [adc counts]

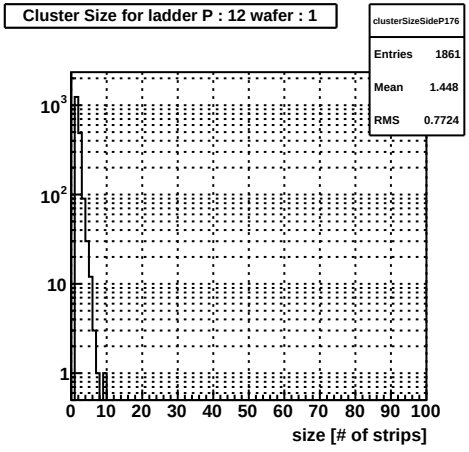

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 892
Mean 1.313
RMS 0.6262
size [# of strips]

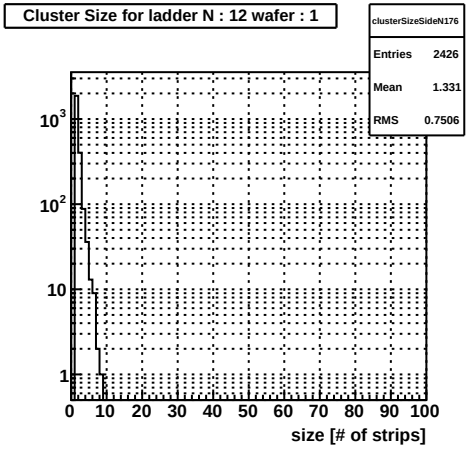

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1234
Mean 1.469
RMS 0.7782
size [# of strips]

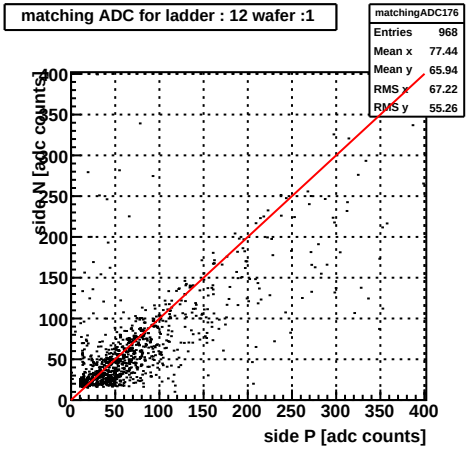

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 648
Mean x 94.65
Mean y 93.63
RMS x 72.71
RMS y 69.57
side N [adc counts]
side P [adc counts]

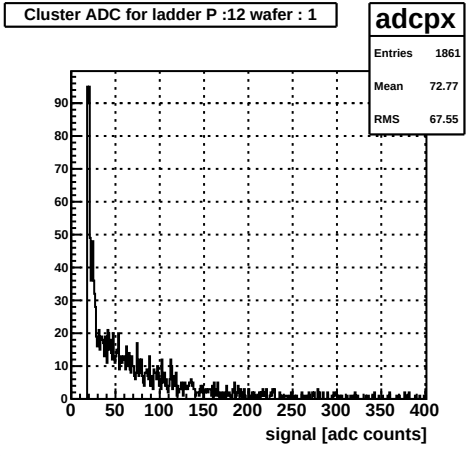

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 892
Mean 75.81
RMS 63.25
signal [adc counts]

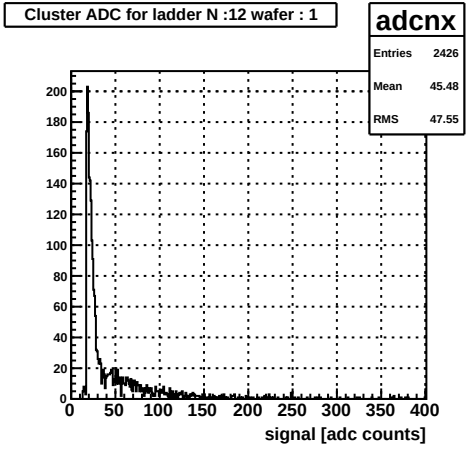

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1234
Mean 70.44
RMS 64.98
signal [adc counts]

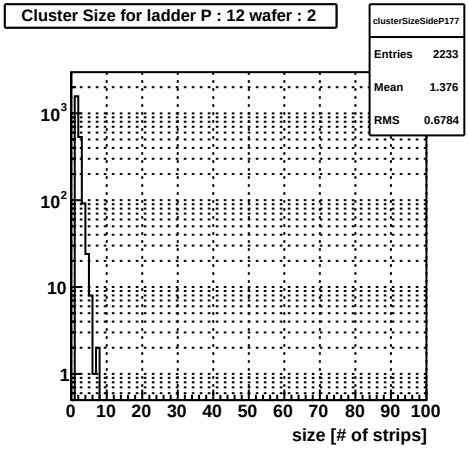

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1861
Mean 1.448
RMS 0.7724
size [# of strips]

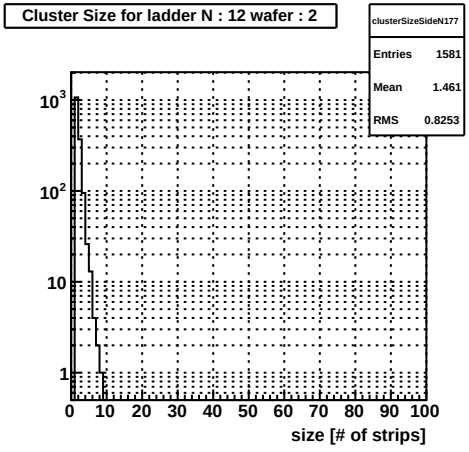

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2426
Mean 1.331
RMS 0.7506
size [# of strips]

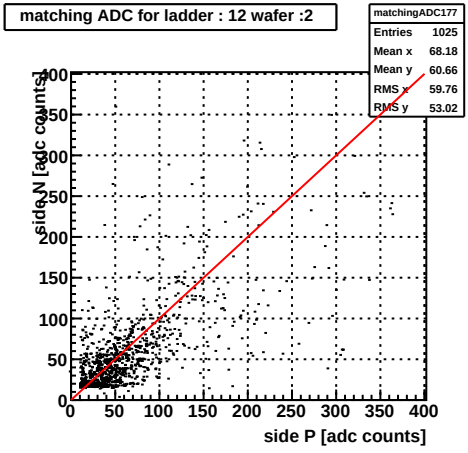

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 968
Mean x 77.44
Mean y 65.94
RMS x 67.22
RMS y 55.26
side N [adc counts]
side P [adc counts]

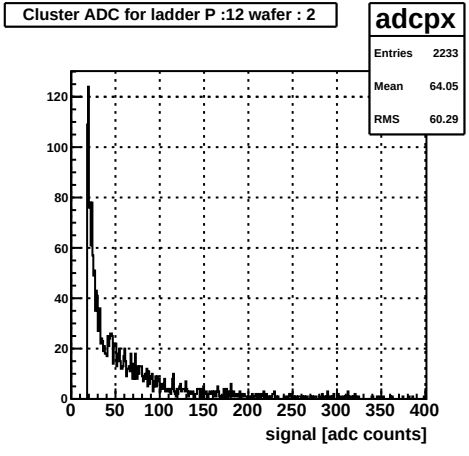

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1861
Mean 72.77
RMS 67.55
signal [adc counts]

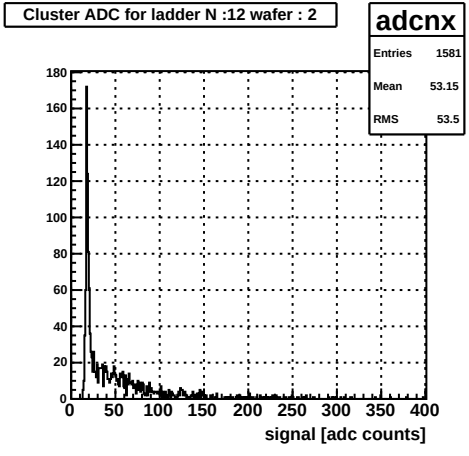

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2426
Mean 45.48
RMS 47.55
signal [adc counts]

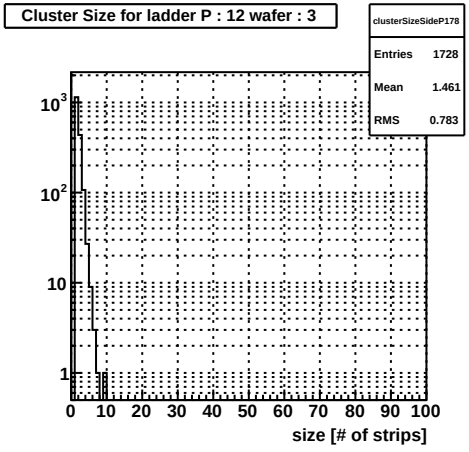

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2233
Mean 1.376
RMS 0.6784
size [# of strips]

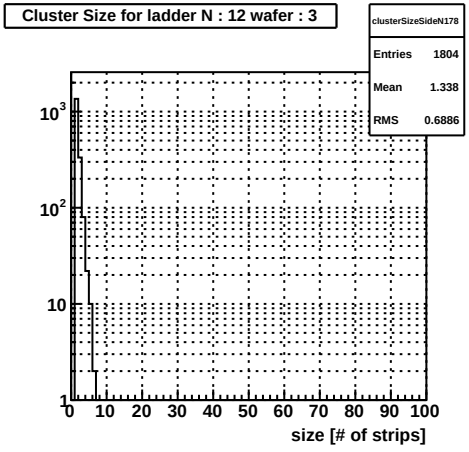

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1581
Mean 1.461
RMS 0.8253
size [# of strips]

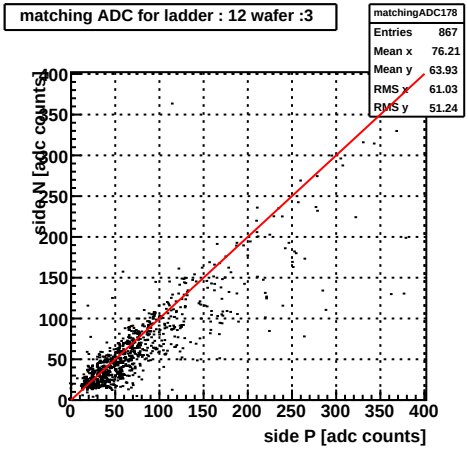

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1025
Mean x 68.18
Mean y 60.66
RMS x 59.76
RMS y 53.02
side N [adc counts]
side P [adc counts]

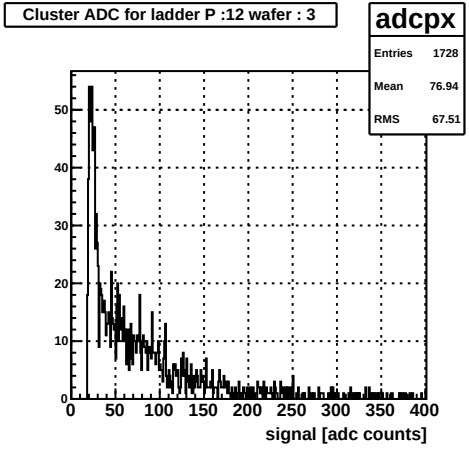

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2233
Mean 64.05
RMS 60.29
signal [adc counts]

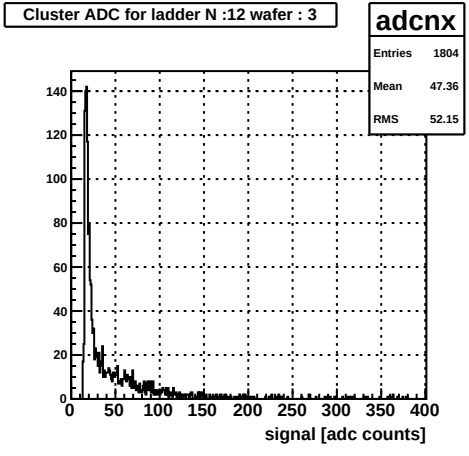

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1581
Mean 53.15
RMS 53.5
signal [adc counts]

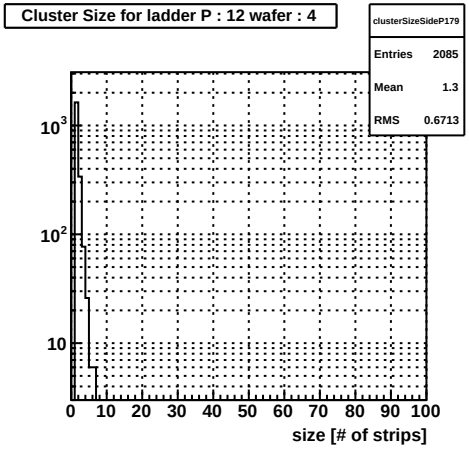

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1728
Mean 1.461
RMS 0.783
size [# of strips]

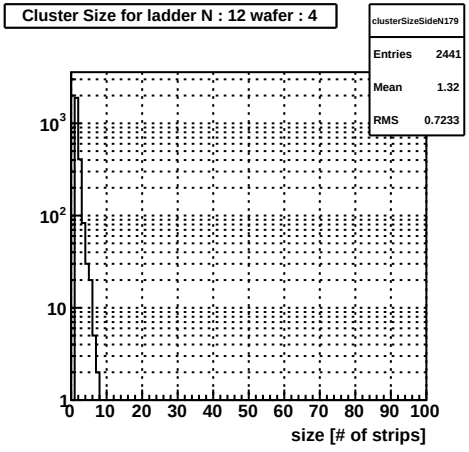

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1804
Mean 1.338
RMS 0.6886
size [# of strips]

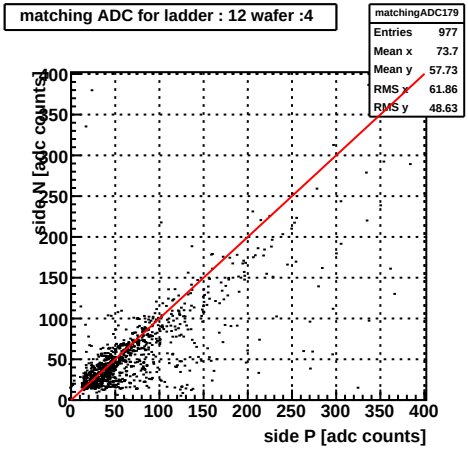

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 867
Mean x 76.21
Mean y 63.93
RMS x 61.03
RMS y 51.24
side N [adc counts]
side P [adc counts]

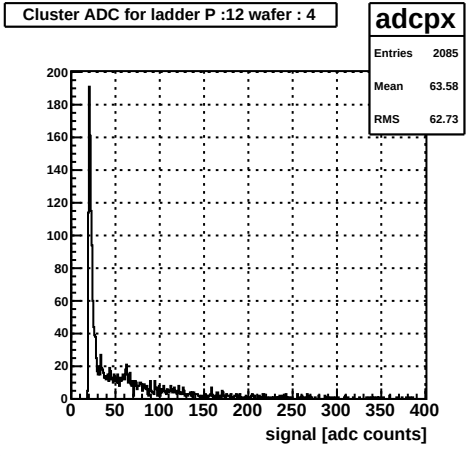

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1728
Mean 76.94
RMS 67.51
signal [adc counts]

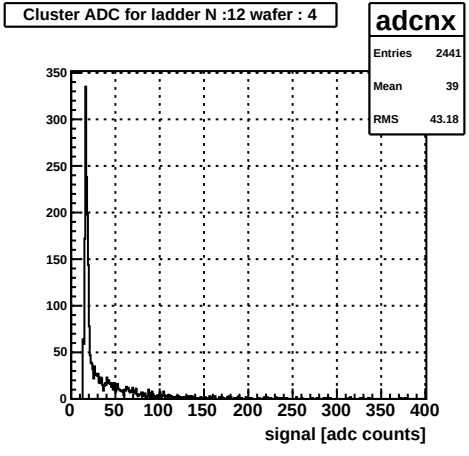

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1804
Mean 47.36
RMS 52.15
signal [adc counts]

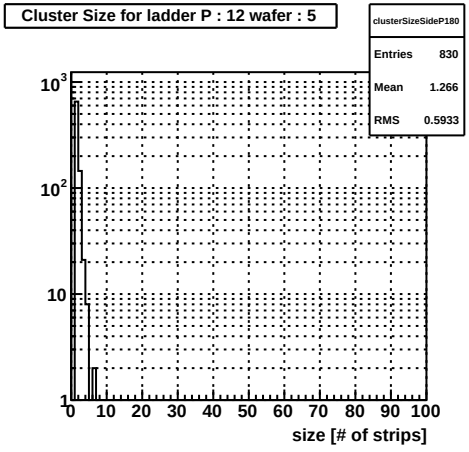

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 2085
Mean 1.3
RMS 0.6713
size [# of strips]

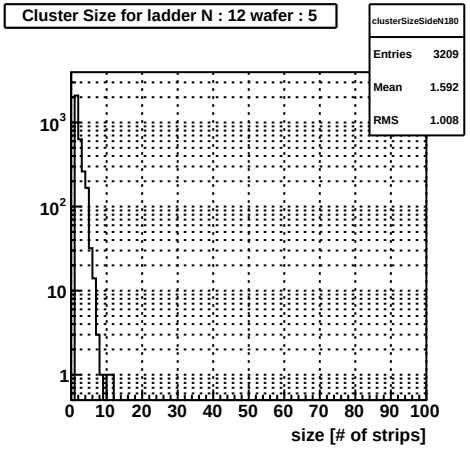

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2441
Mean 1.32
RMS 0.7233
size [# of strips]

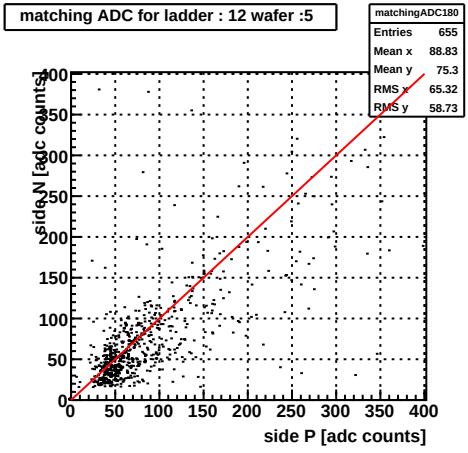

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 977
Mean x 73.7
Mean y 57.73
RMS x 61.86
RMS y 48.63
side N [adc counts]
side P [adc counts]

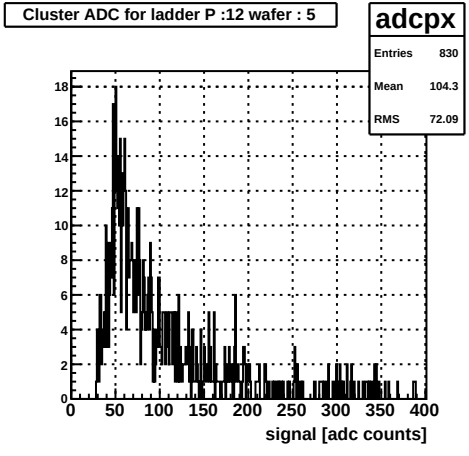

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 2085
Mean 63.58
RMS 62.73
signal [adc counts]

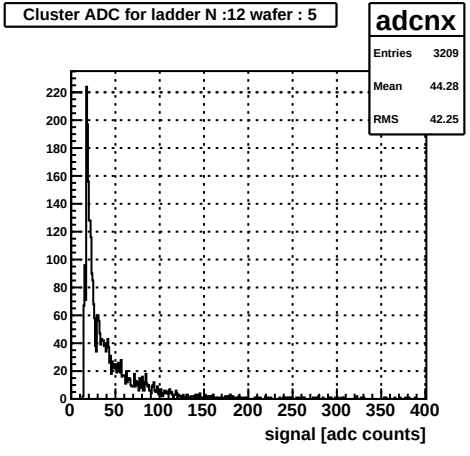

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2441
Mean 39
RMS 43.18
signal [adc counts]

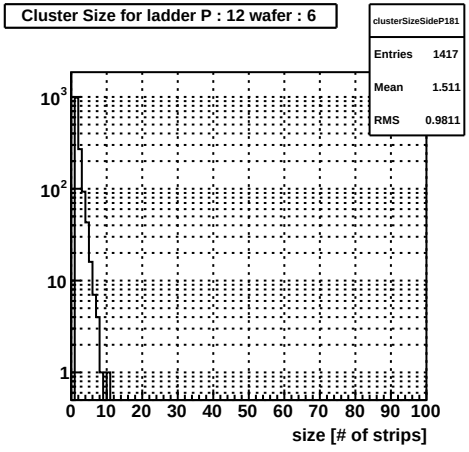

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 830
Mean 1.266
RMS 0.5933
size [# of strips]

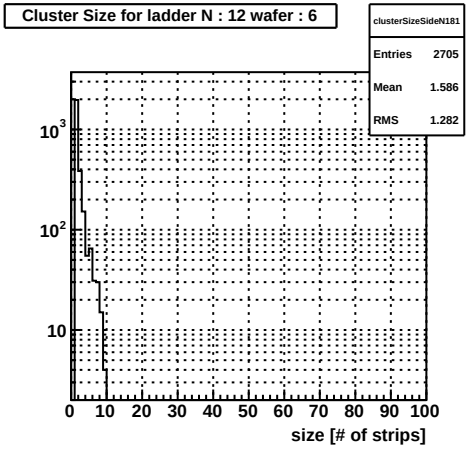

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 3209
Mean 1.592
RMS 1.008
size [# of strips]

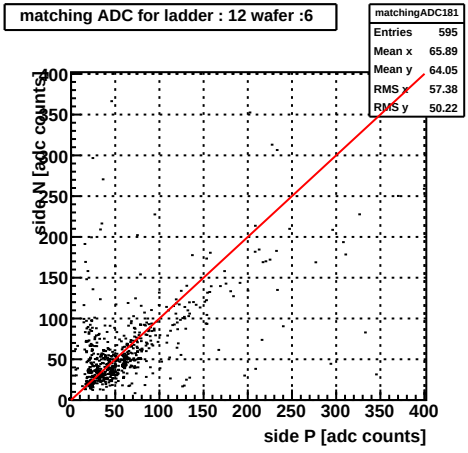

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 655
Mean x 88.83
Mean y 75.3
RMS x 65.32
RMS y 58.73
side N [adc counts]
side P [adc counts]

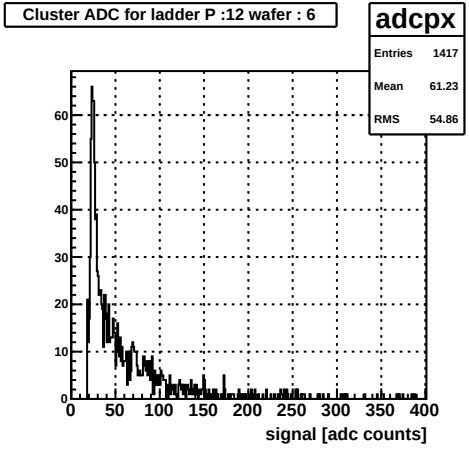

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 830
Mean 104.3
RMS 72.09
signal [adc counts]

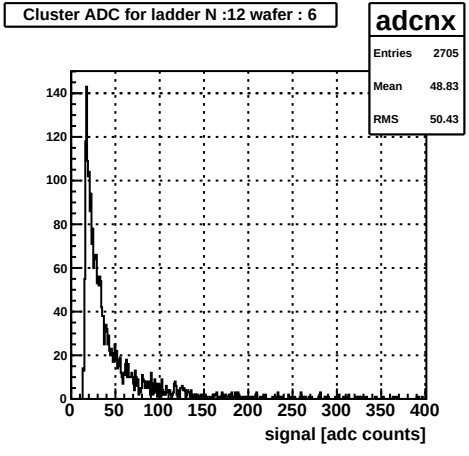

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 3209
Mean 44.28
RMS 42.25
signal [adc counts]

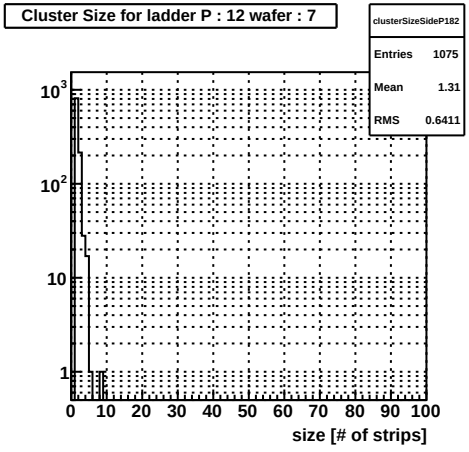

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1417
Mean 1.511
RMS 0.9811
size [# of strips]

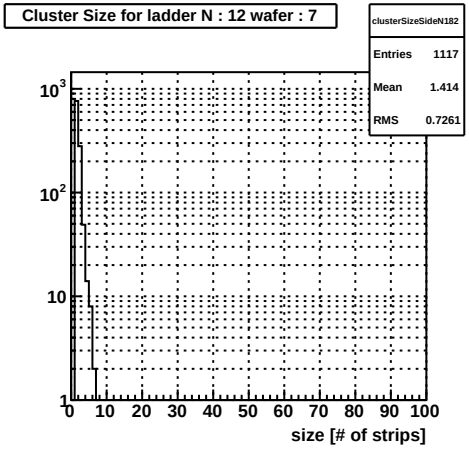

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 2705
Mean 1.586
RMS 1.282
size [# of strips]

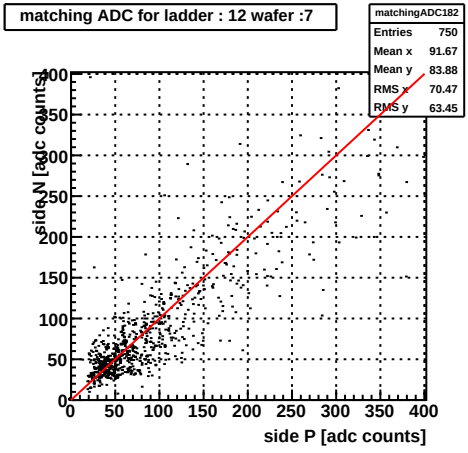

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 595
Mean x 65.89
Mean y 64.05
RMS x 57.38
RMS y 50.22
side N [adc counts]
side P [adc counts]

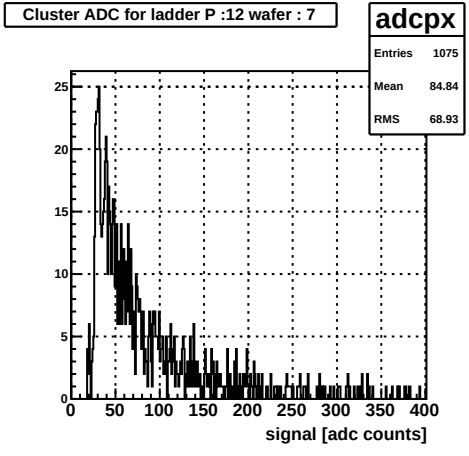

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1417
Mean 61.23
RMS 54.86
signal [adc counts]

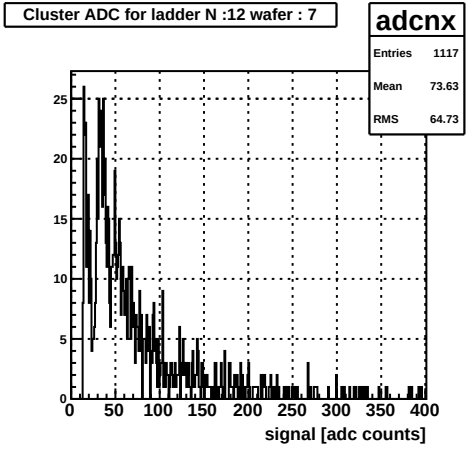

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 2705
Mean 48.83
RMS 50.43
signal [adc counts]

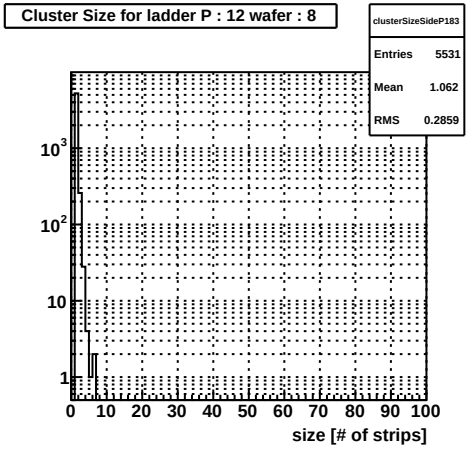

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1075
Mean 1.31
RMS 0.6411
size [# of strips]

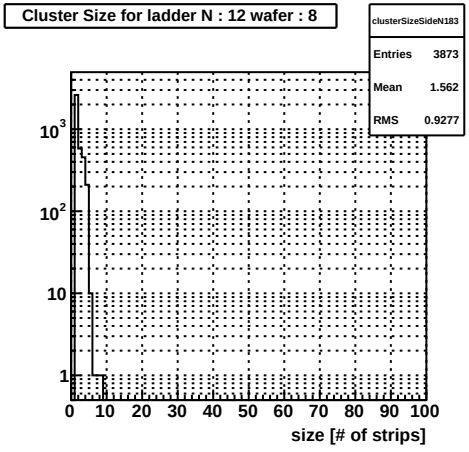

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1117
Mean 1.414
RMS 0.7261
size [# of strips]

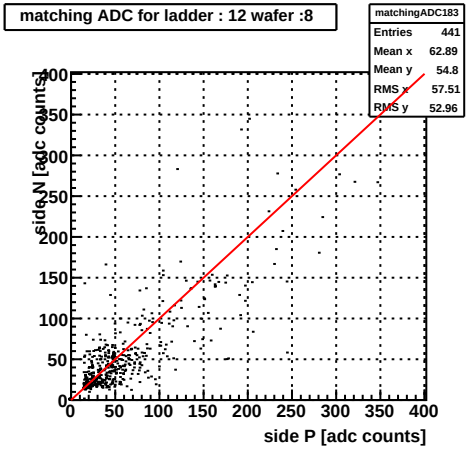

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 750
Mean x 91.67
Mean y 83.88
RMS x 70.47
RMS y 63.45
side N [adc counts]
side P [adc counts]

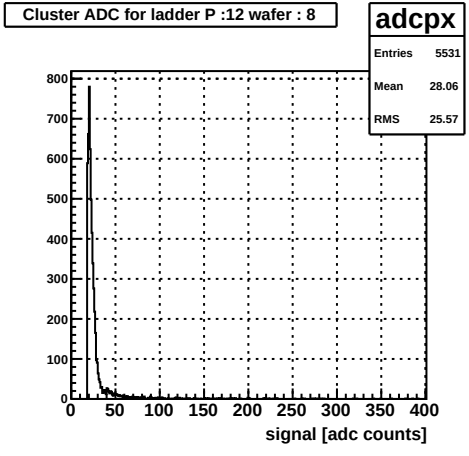

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1075
Mean 84.84
RMS 68.93
signal [adc counts]

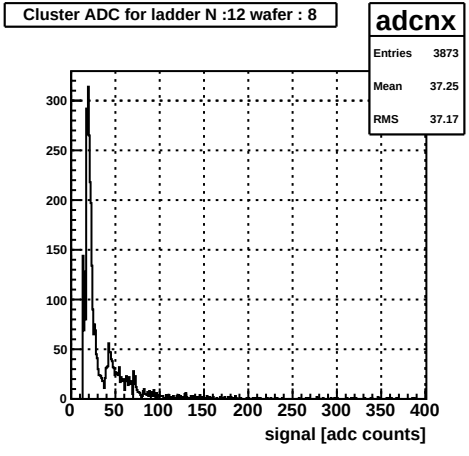

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1117
Mean 73.63
RMS 64.73
signal [adc counts]

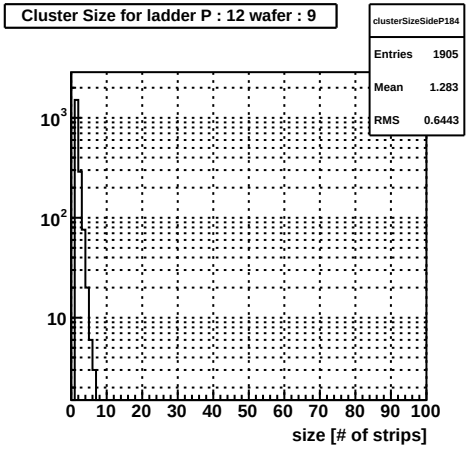

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 5531
Mean 1.062
RMS 0.2859
size [# of strips]

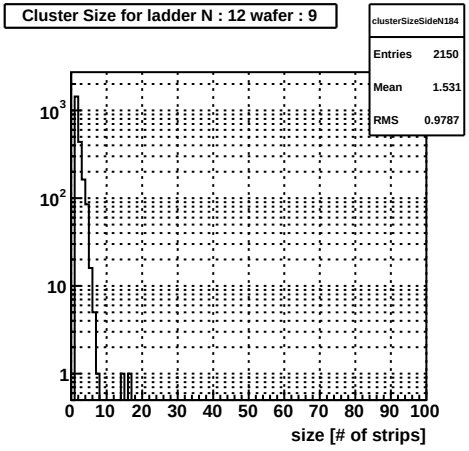

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 3873
Mean 1.562
RMS 0.9277
size [# of strips]

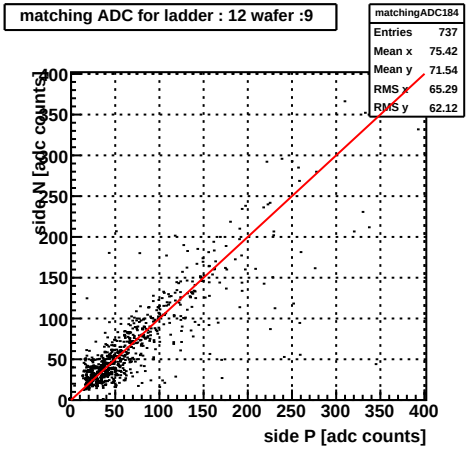

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 441
Mean x 62.89
Mean y 54.8
RMS x 57.51
RMS y 52.96
side N [adc counts]
side P [adc counts]

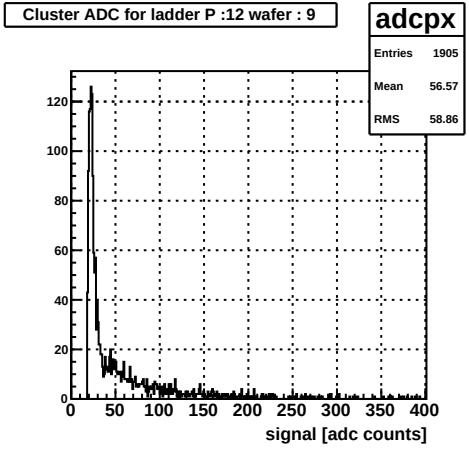

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 5531
Mean 28.06
RMS 25.57
signal [adc counts]

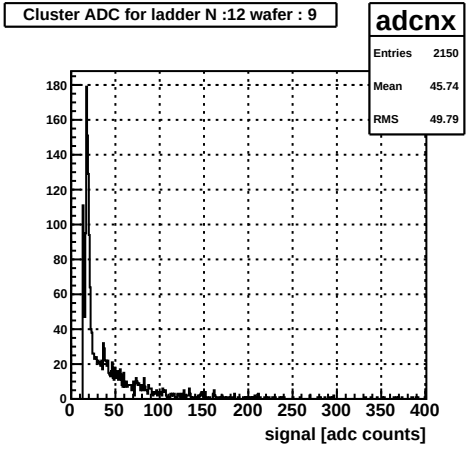

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 3873
Mean 37.25
RMS 37.17
signal [adc counts]

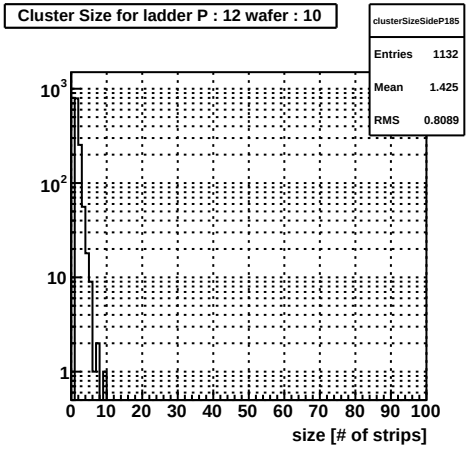

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 1905
Mean 1.283
RMS 0.6443
size [# of strips]

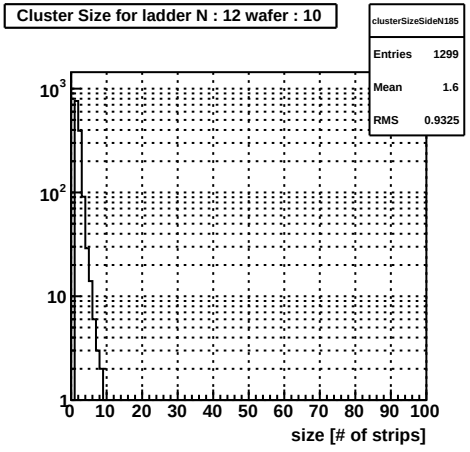

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2150
Mean 1.531
RMS 0.9787
size [# of strips]

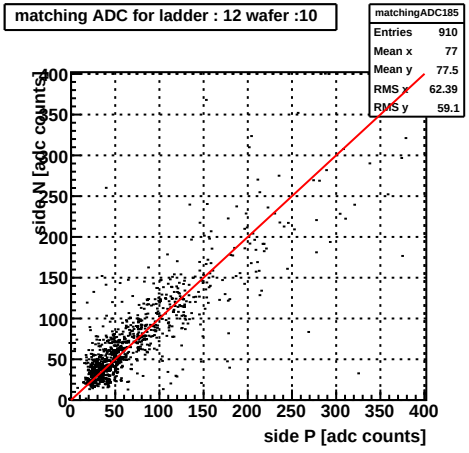

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 737
Mean x 75.42
Mean y 71.54
RMS x 65.29
RMS y 62.12
side N [adc counts]
side P [adc counts]

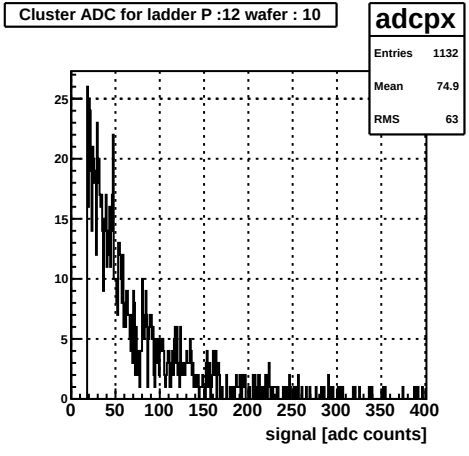

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 1905
Mean 56.57
RMS 58.86
signal [adc counts]

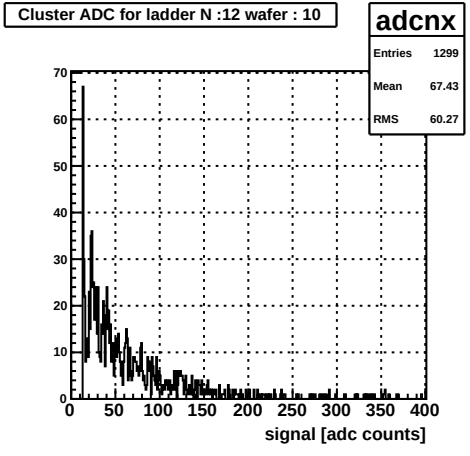

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2150
Mean 45.74
RMS 49.79
signal [adc counts]

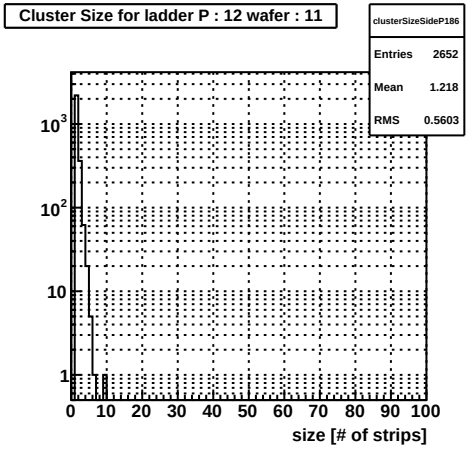

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1132
Mean 1.425
RMS 0.8089
size [# of strips]

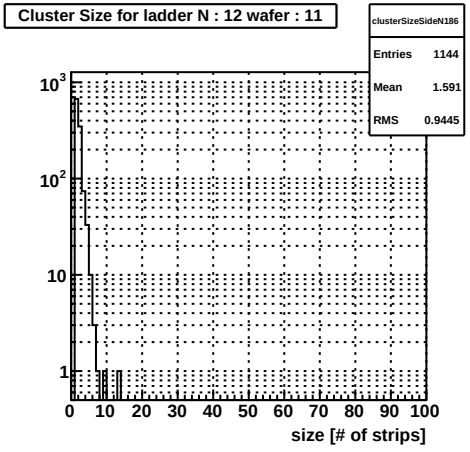

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1299
Mean 1.6
RMS 0.9325
size [# of strips]

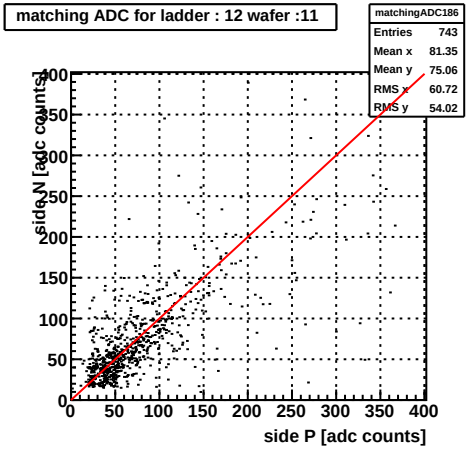

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 910
Mean x 77
Mean y 77.5
RMS x 62.39
RMS y 59.1
side N [adc counts]
side P [adc counts]

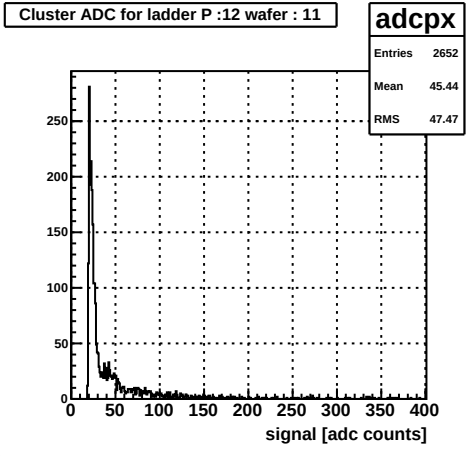

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1132
Mean 74.9
RMS 63
signal [adc counts]

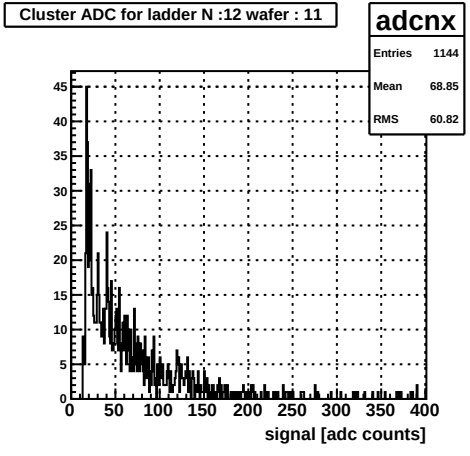

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1299
Mean 67.43
RMS 60.27
signal [adc counts]

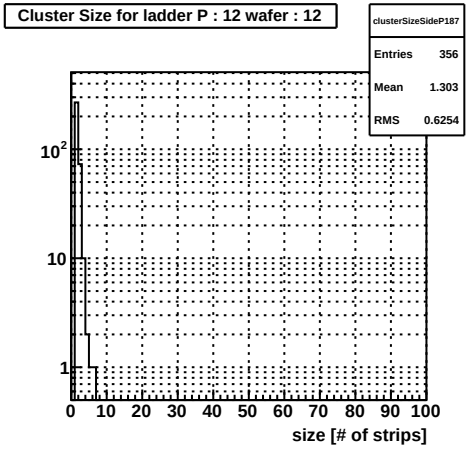

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2652
Mean 1.218
RMS 0.5603
size [# of strips]

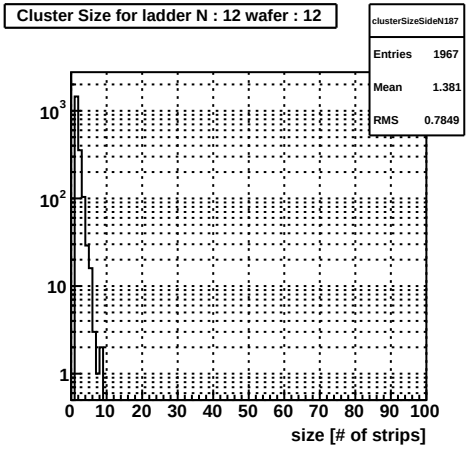

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1144
Mean 1.591
RMS 0.9445
size [# of strips]

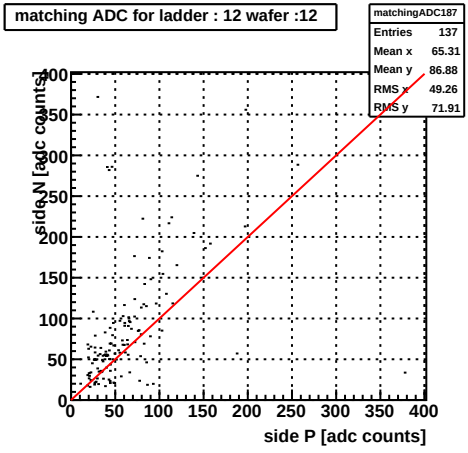

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 743
Mean x 81.35
Mean y 75.06
RMS x 60.72
RMS y 54.02
side N [adc counts]
side P [adc counts]

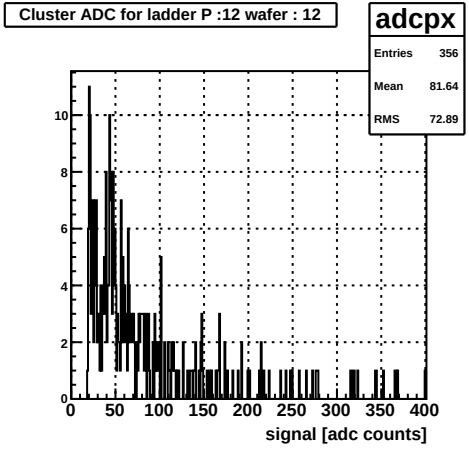

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2652
Mean 45.44
RMS 47.47
signal [adc counts]

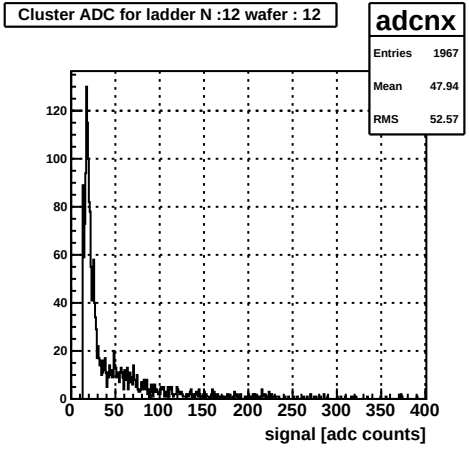

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1144
Mean 68.85
RMS 60.82
signal [adc counts]

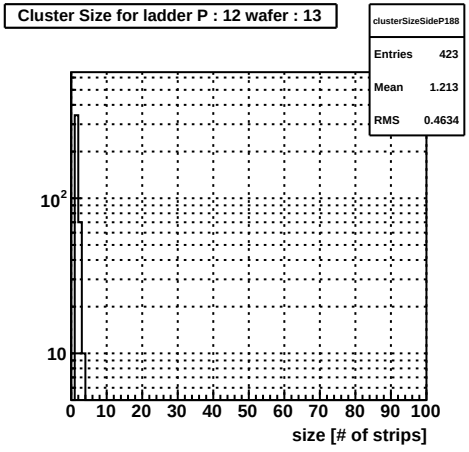

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 356
Mean 1.303
RMS 0.6254
size [# of strips]

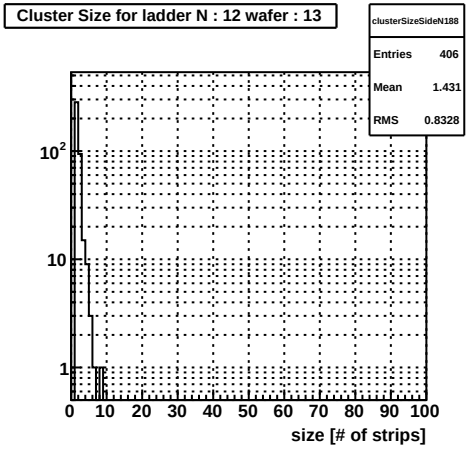

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 1967
Mean 1.381
RMS 0.7849
size [# of strips]

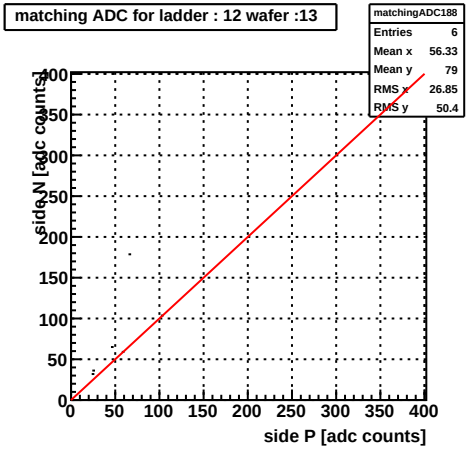

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 137
Mean x 65.31
Mean y 86.88
RMS x 49.26
RMS y 71.91
side N [adc counts]
side P [adc counts]

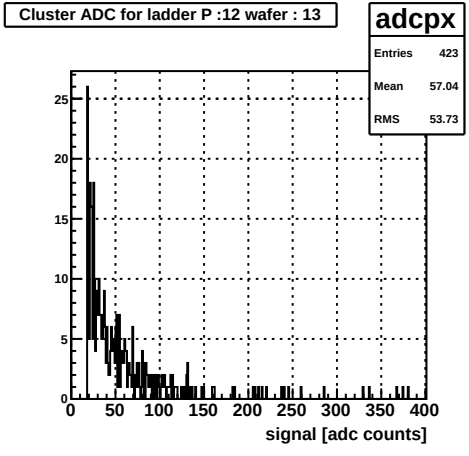

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 356
Mean 81.64
RMS 72.89
signal [adc counts]

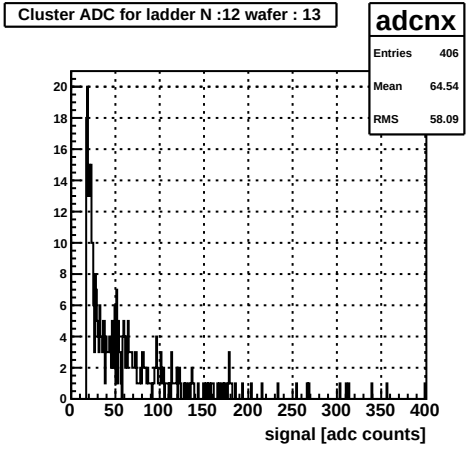

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 1967
Mean 47.94
RMS 52.57
signal [adc counts]

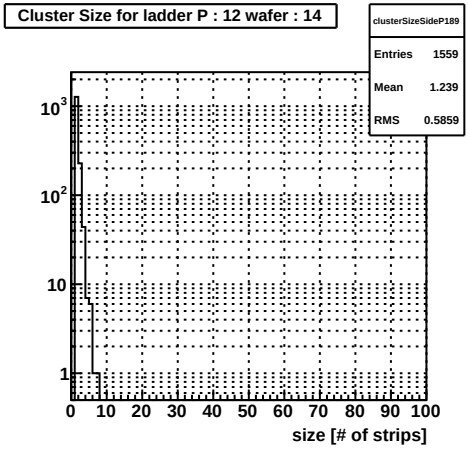

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 423
Mean 1.213
RMS 0.4634
size [# of strips]

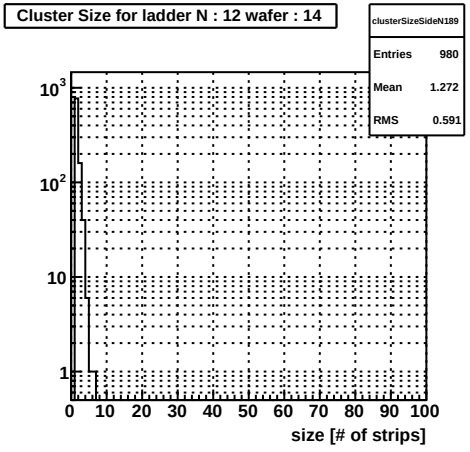

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 406
Mean 1.431
RMS 0.8328
size [# of strips]

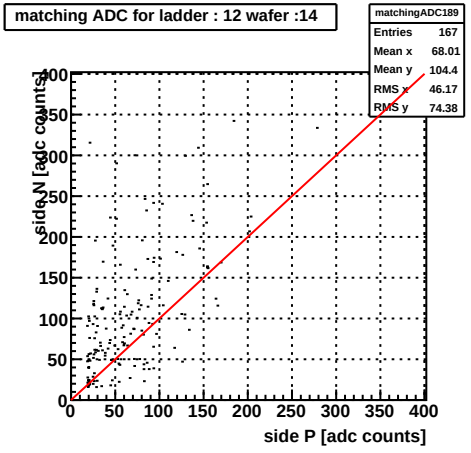

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 6
Mean x 56.33
Mean y 79
RMS x 26.85
RMS y 50.4
side N [adc counts]
side P [adc counts]

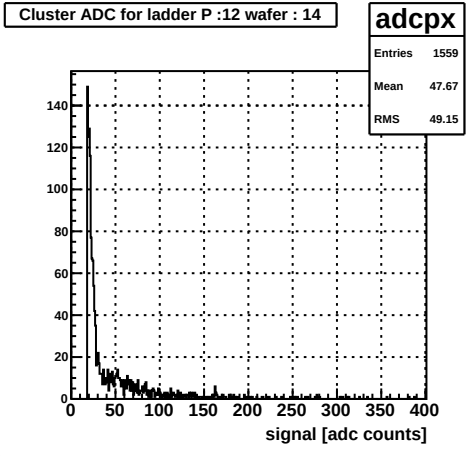

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 423
Mean 57.04
RMS 53.73
signal [adc counts]

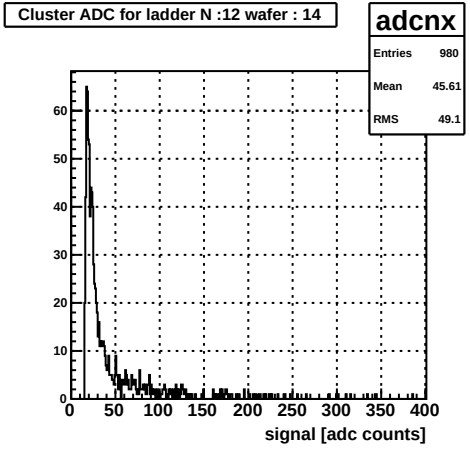

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 406
Mean 64.54
RMS 58.09
signal [adc counts]

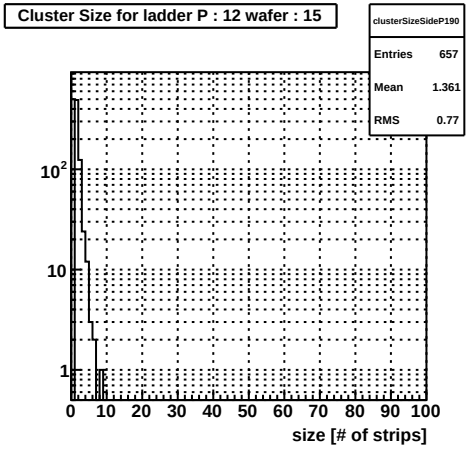

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1559
Mean 1.239
RMS 0.5859
size [# of strips]

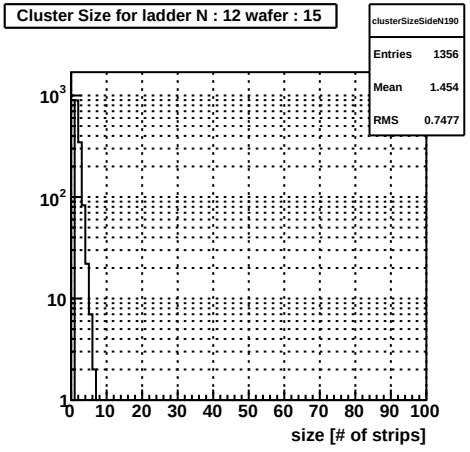

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 980
Mean 1.272
RMS 0.591
size [# of strips]

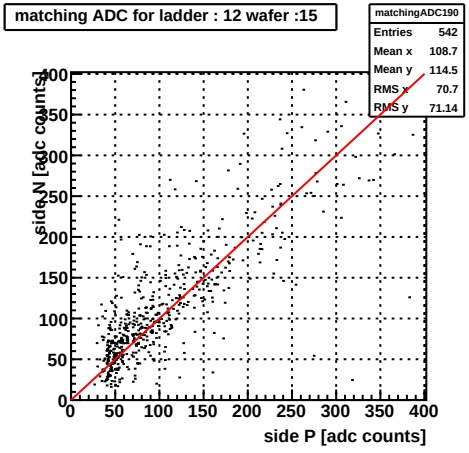

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 167
Mean x 68.01
Mean y 104.4
RMS x 46.17
RMS y 74.38
side N [adc counts]
side P [adc counts]

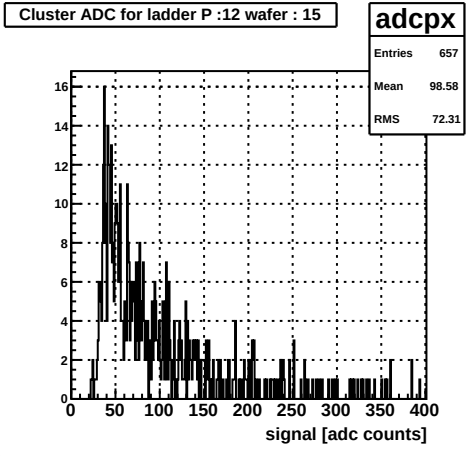

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1559
Mean 47.67
RMS 49.15
signal [adc counts]

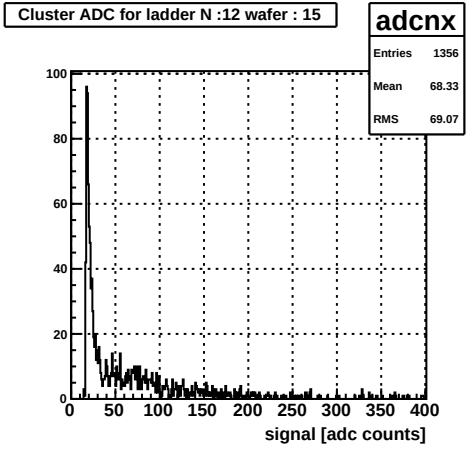

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 980
Mean 45.61
RMS 49.1
signal [adc counts]

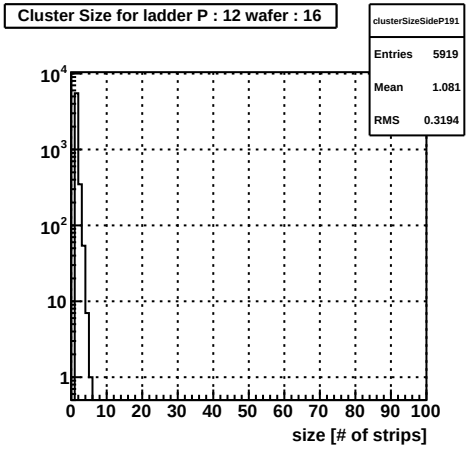

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 657
Mean 1.361
RMS 0.77
size [# of strips]

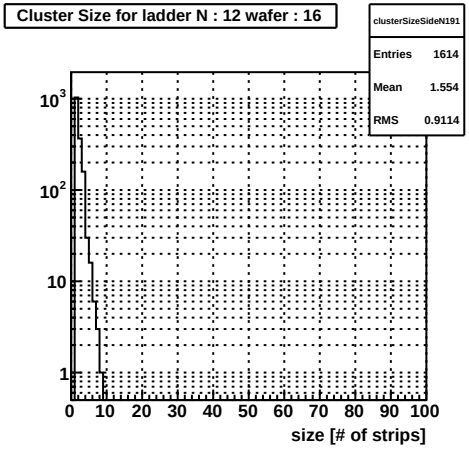

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1356
Mean 1.454
RMS 0.7477
size [# of strips]

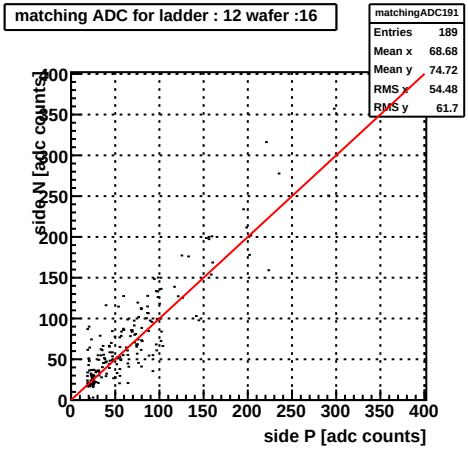

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 542
Mean x 108.7
Mean y 114.5
RMS x 70.7
RMS y 71.14
side N [adc counts]
side P [adc counts]

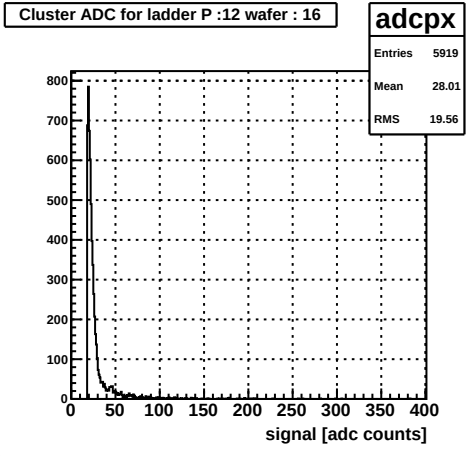

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 657
Mean 98.58
RMS 72.31
signal [adc counts]

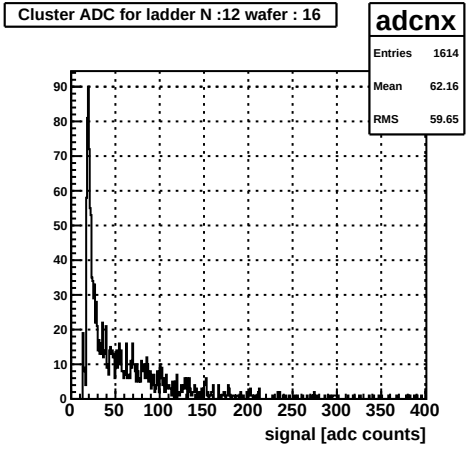

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1356
Mean 68.33
RMS 69.07
signal [adc counts]

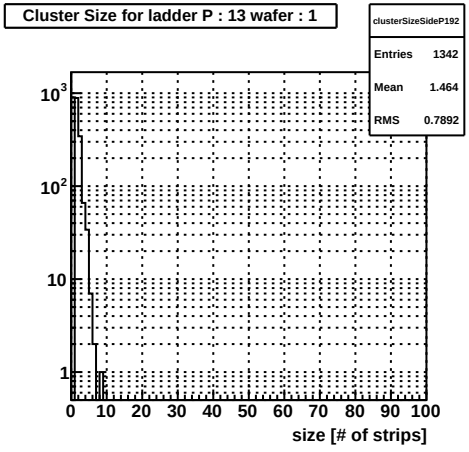

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 5919
Mean 1.081
RMS 0.3194
size [# of strips]

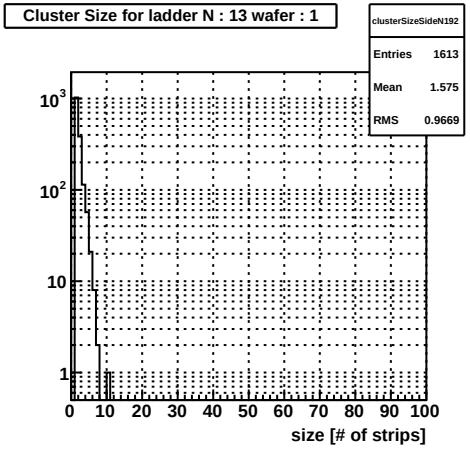

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1614
Mean 1.554
RMS 0.9114
size [# of strips]

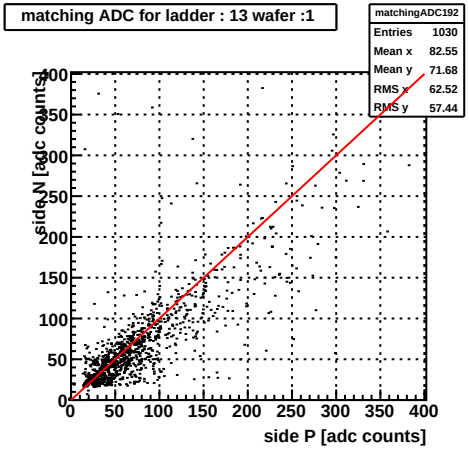

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 189
Mean x 68.68
Mean y 74.72
RMS x 54.48
RMS y 61.7
side N [adc counts]
side P [adc counts]

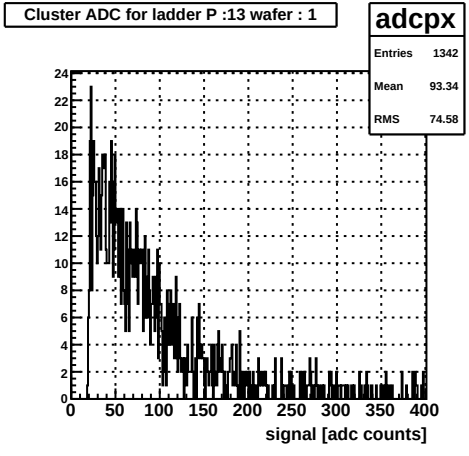

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 5919
Mean 28.01
RMS 19.56
signal [adc counts]

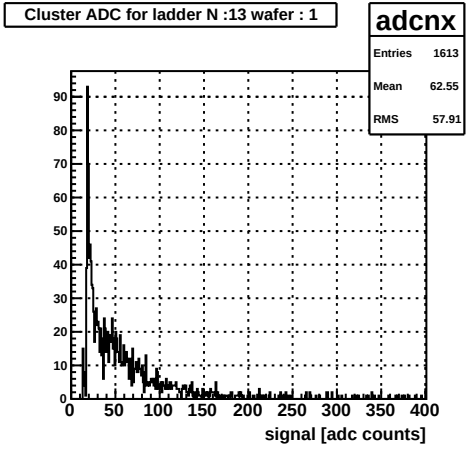

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1614
Mean 62.16
RMS 59.65
signal [adc counts]

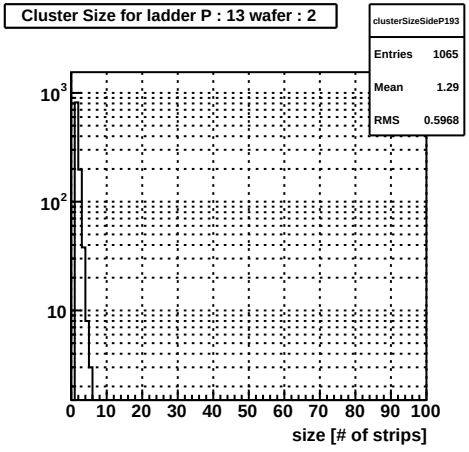

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1342
Mean 1.464
RMS 0.7892
size [# of strips]

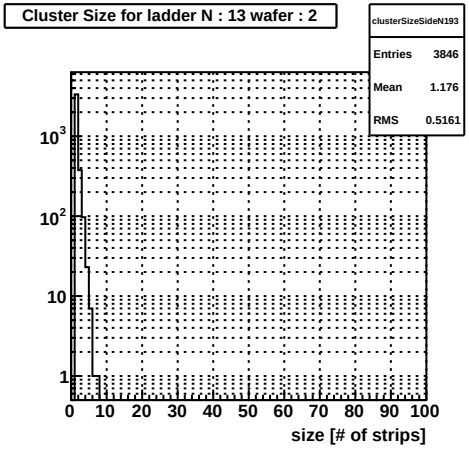

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1613
Mean 1.575
RMS 0.9669
size [# of strips]

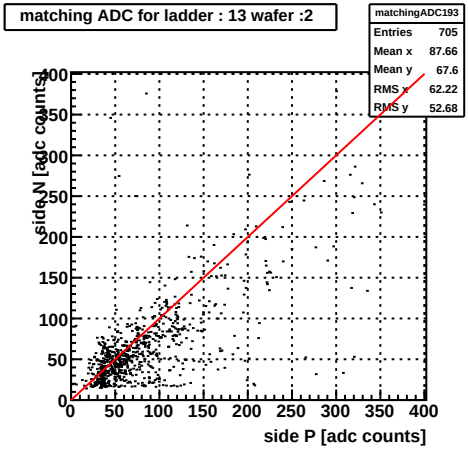

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1030
Mean x 82.55
Mean y 71.68
RMS x 62.52
RMS y 57.44
side N [adc counts]
side P [adc counts]

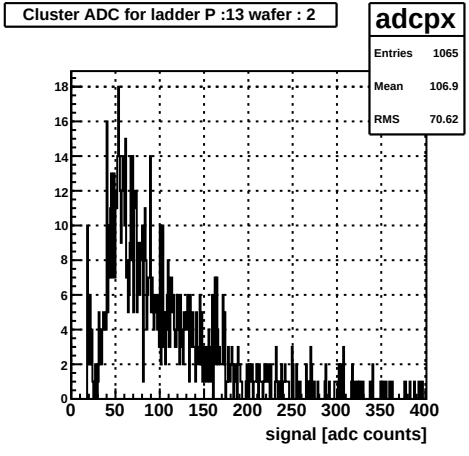

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1342
Mean 93.34
RMS 74.58
signal [adc counts]

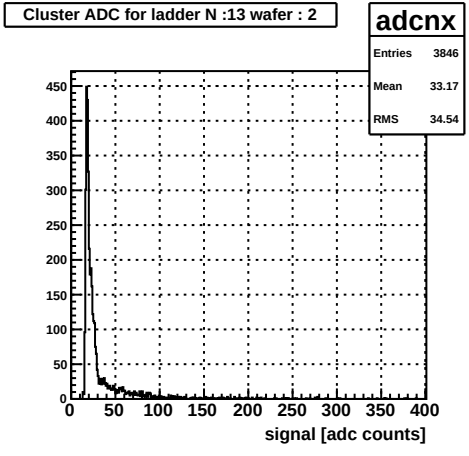

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1613
Mean 62.55
RMS 57.91
signal [adc counts]

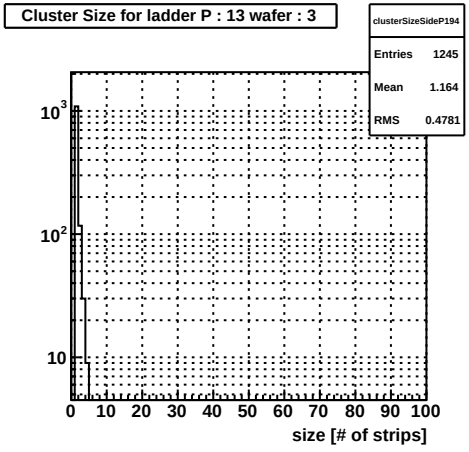

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1065
Mean 1.29
RMS 0.5968
size [# of strips]

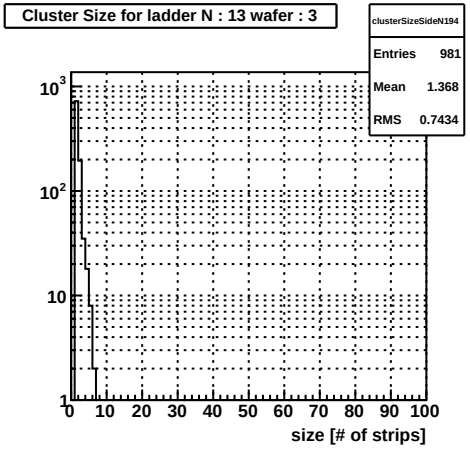

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 3846
Mean 1.176
RMS 0.5161
size [# of strips]

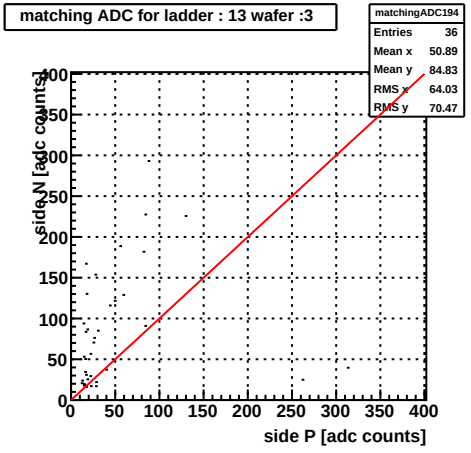

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 705
Mean x 87.66
Mean y 67.6
RMS x 62.22
RMS y 52.68
side N [adc counts]
side P [adc counts]

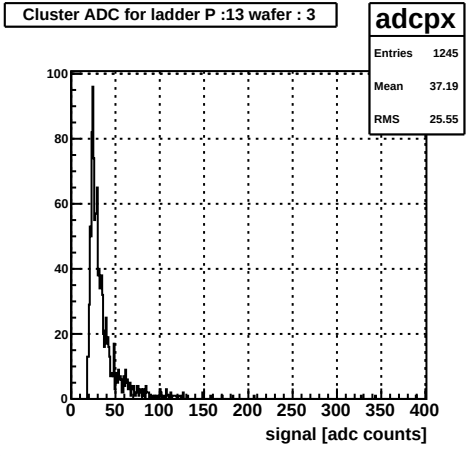

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1065
Mean 106.9
RMS 70.62
signal [adc counts]

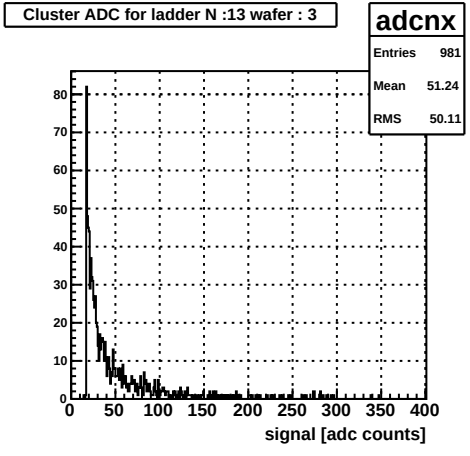

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 3846
Mean 33.17
RMS 34.54
signal [adc counts]

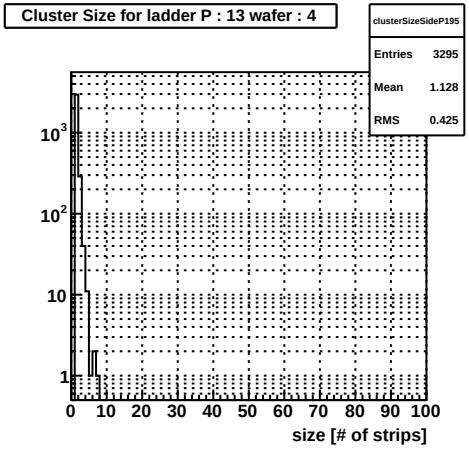

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1245
Mean 1.164
RMS 0.4781
size [# of strips]

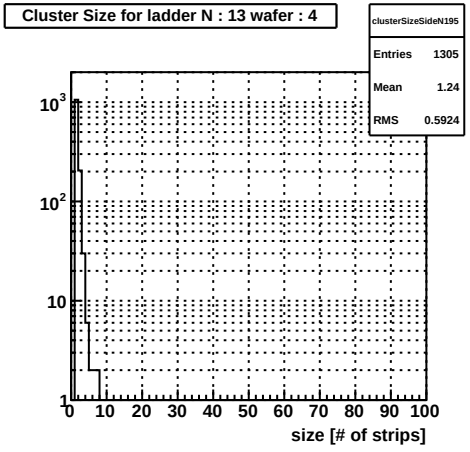

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 981
Mean 1.368
RMS 0.7434
size [# of strips]

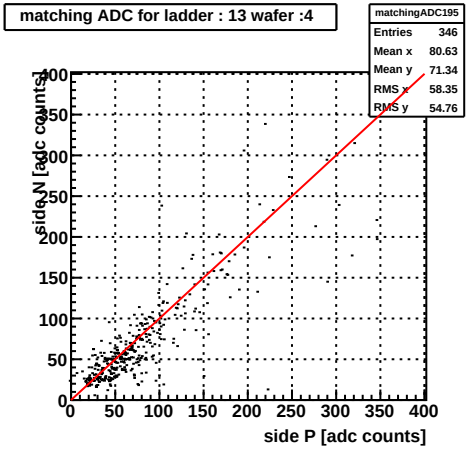

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 36
Mean x 50.89
Mean y 84.83
RMS x 64.03
RMS y 70.47
side N [adc counts]
side P [adc counts]

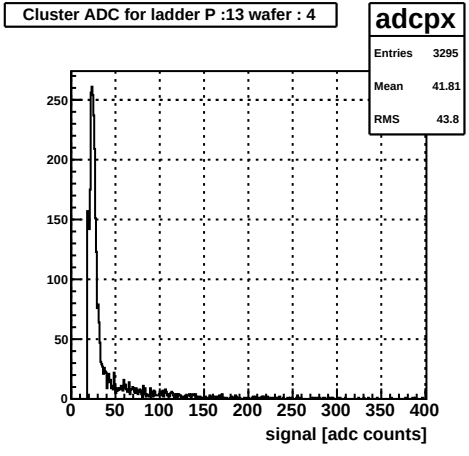

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1245
Mean 37.19
RMS 25.55
signal [adc counts]

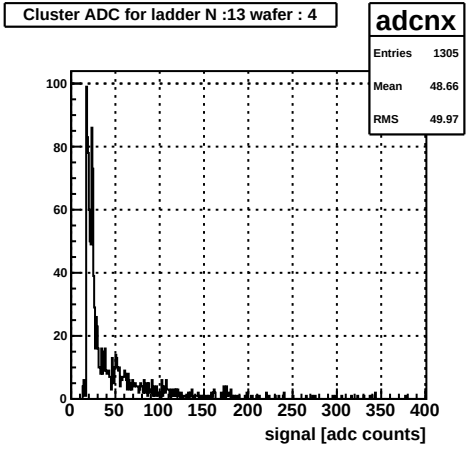

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 981
Mean 51.24
RMS 50.11
signal [adc counts]

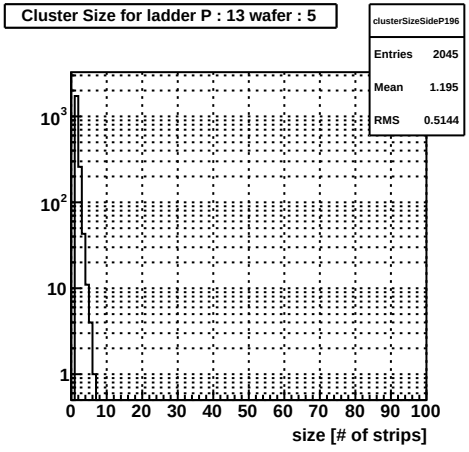

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 3295
Mean 1.128
RMS 0.425
size [# of strips]

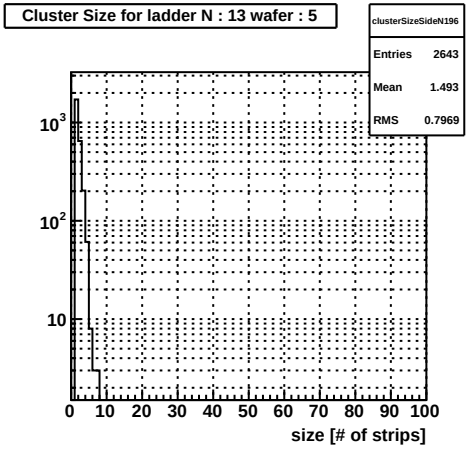

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1305
Mean 1.24
RMS 0.5924
size [# of strips]

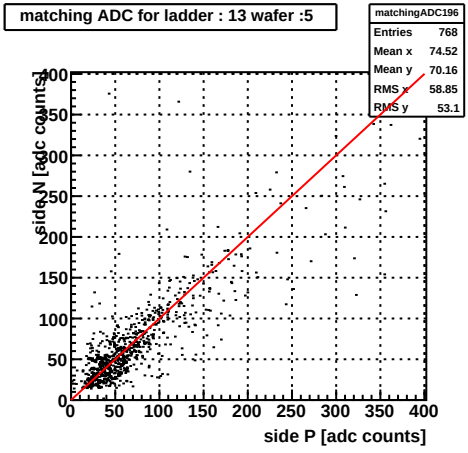

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 346
Mean x 80.63
Mean y 71.34
RMS x 58.35
RMS y 54.76
side N [adc counts]
side P [adc counts]

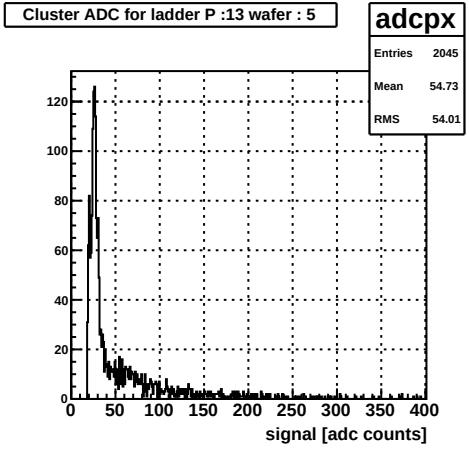

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 3295
Mean 41.81
RMS 43.8
signal [adc counts]

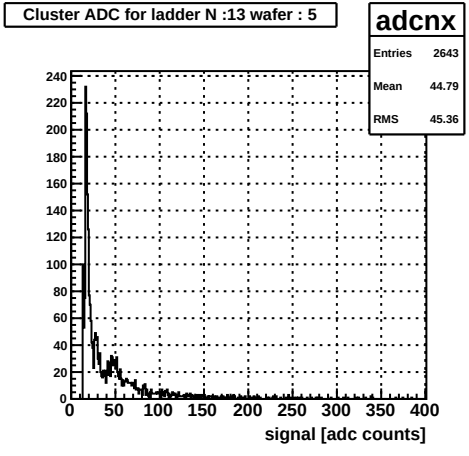

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1305
Mean 48.66
RMS 49.97
signal [adc counts]

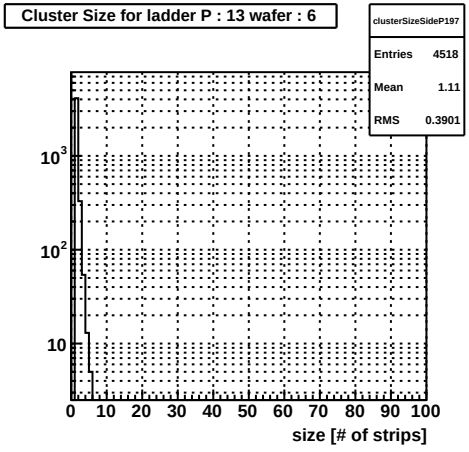

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 2045
Mean 1.195
RMS 0.5144
size [# of strips]

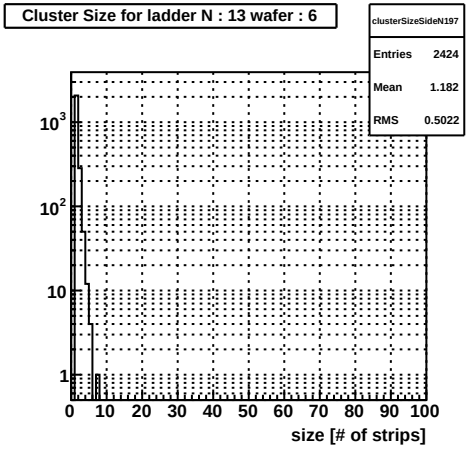

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 2643
Mean 1.493
RMS 0.7969
size [# of strips]

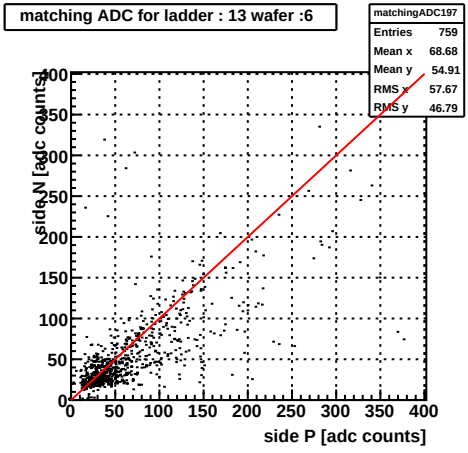

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 768
Mean x 74.52
Mean y 70.16
RMS x 58.85
RMS y 53.1
side N [adc counts]
side P [adc counts]

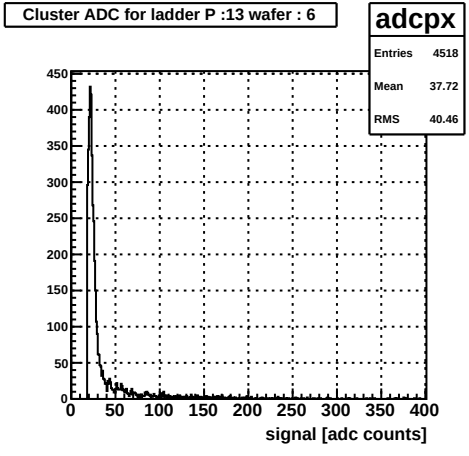

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 2045
Mean 54.73
RMS 54.01
signal [adc counts]

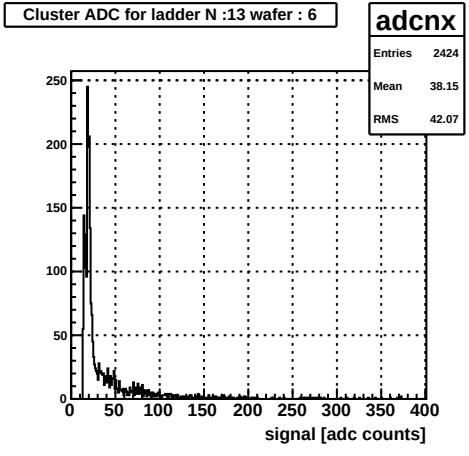

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 2643
Mean 44.79
RMS 45.36
signal [adc counts]

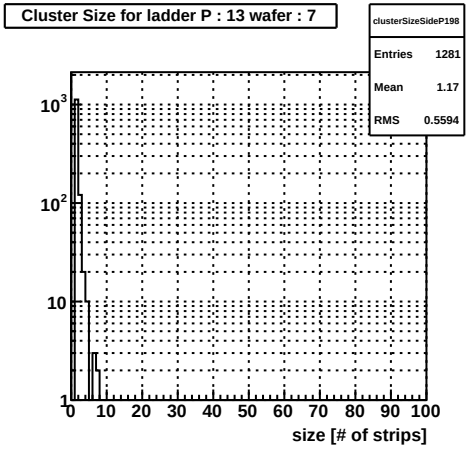

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 4518
Mean 1.11
RMS 0.3901
size [# of strips]

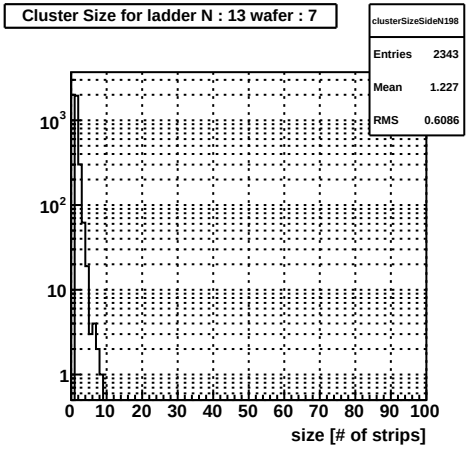

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2424
Mean 1.182
RMS 0.5022
size [# of strips]

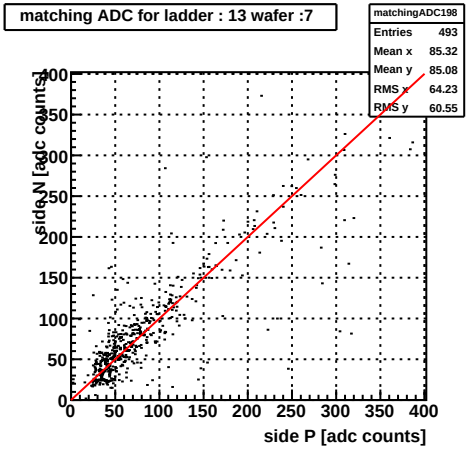

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 759
Mean x 68.68
Mean y 54.91
RMS x 57.67
RMS y 46.79
side N [adc counts]
side P [adc counts]

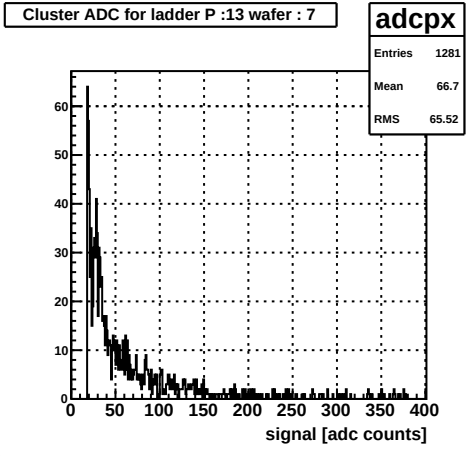

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 4518
Mean 37.72
RMS 40.46
signal [adc counts]

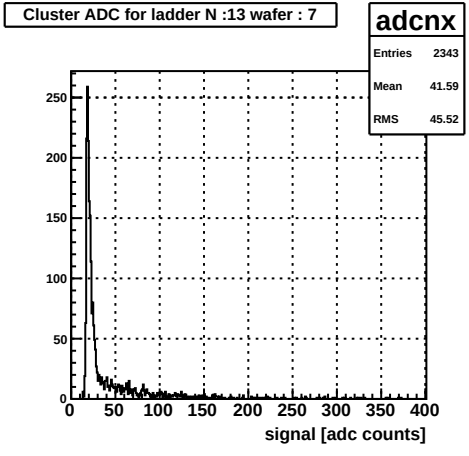

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2424
Mean 38.15
RMS 42.07
signal [adc counts]

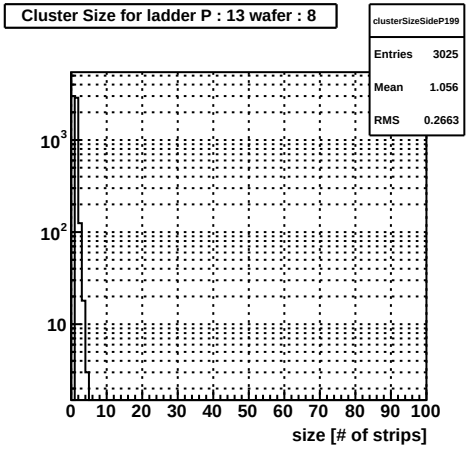

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1281
Mean 1.17
RMS 0.5594
size [# of strips]

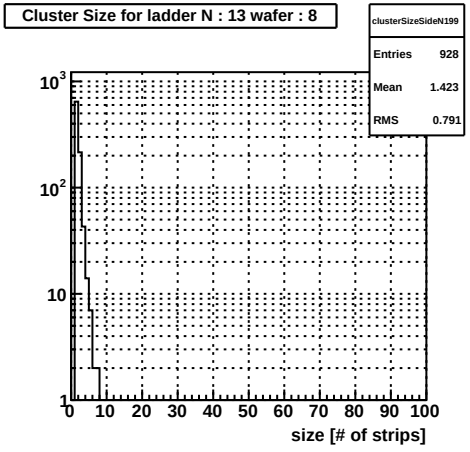

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2343
Mean 1.227
RMS 0.6086
size [# of strips]

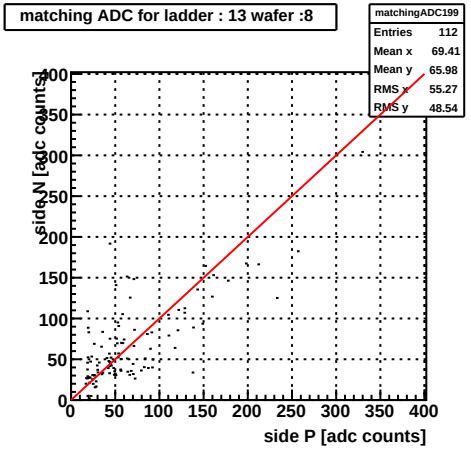

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 493
Mean x 85.32
Mean y 85.08
RMS x 64.23
RMS y 60.55
side N [adc counts]
side P [adc counts]

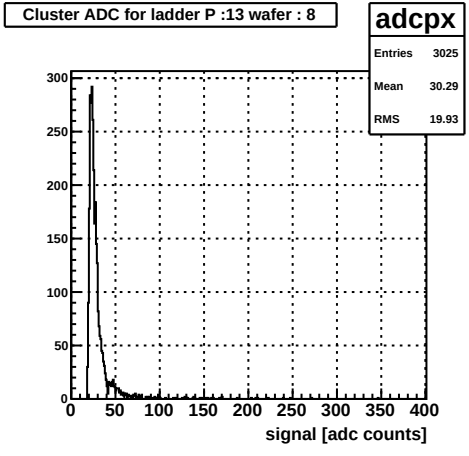

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1281
Mean 66.7
RMS 65.52
signal [adc counts]

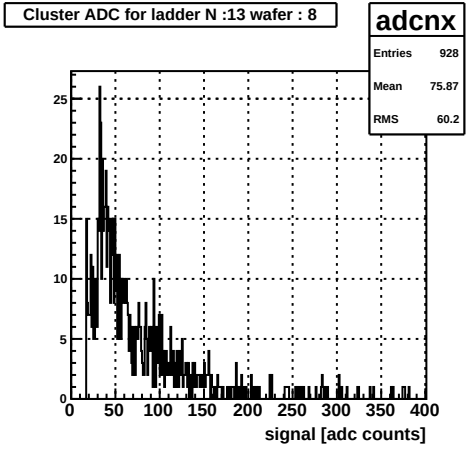

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2343
Mean 41.59
RMS 45.52
signal [adc counts]

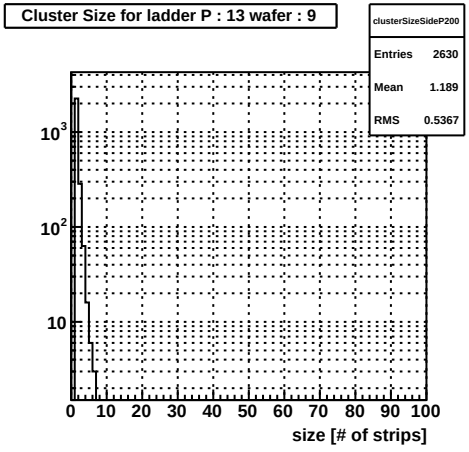

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 3025
Mean 1.056
RMS 0.2663
size [# of strips]

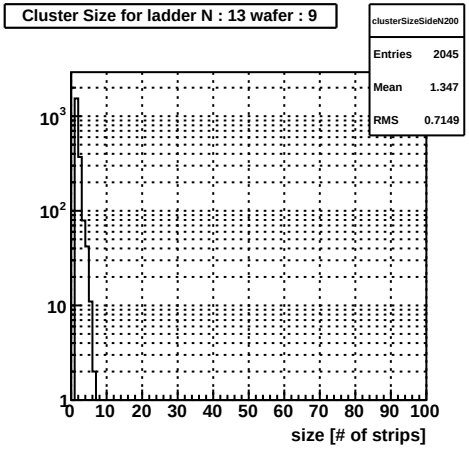

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 928
Mean 1.423
RMS 0.791
size [# of strips]

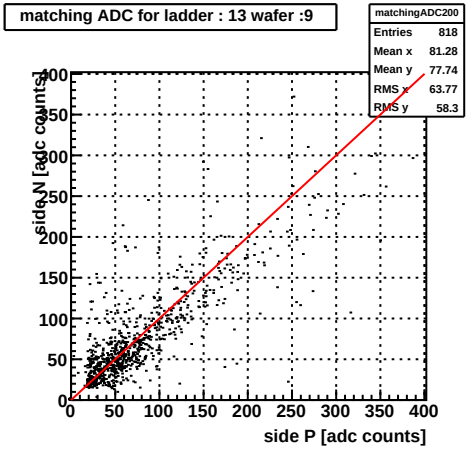

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 112
Mean x 69.41
Mean y 65.98
RMS x 55.27
RMS y 48.54
side N [adc counts]
side P [adc counts]

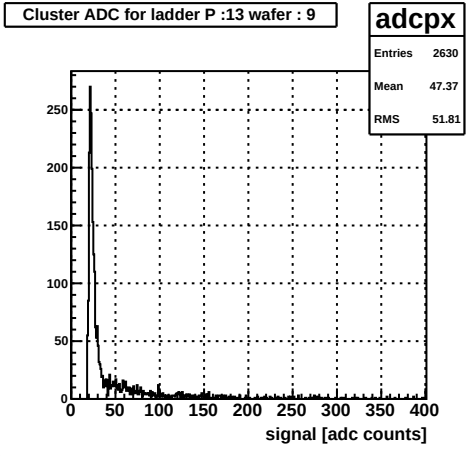

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 3025
Mean 30.29
RMS 19.93
signal [adc counts]

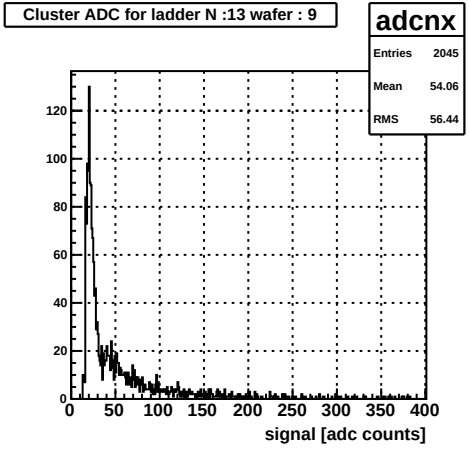

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 928
Mean 75.87
RMS 60.2
signal [adc counts]

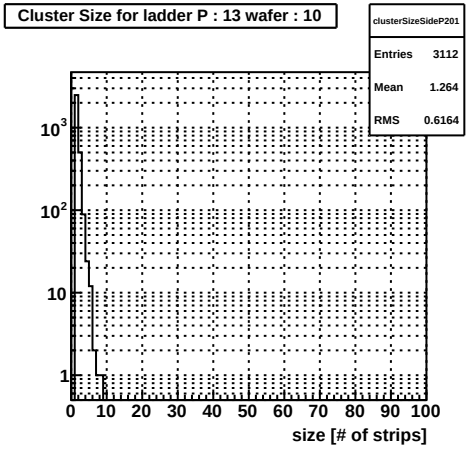

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 2630
Mean 1.189
RMS 0.5367
size [# of strips]

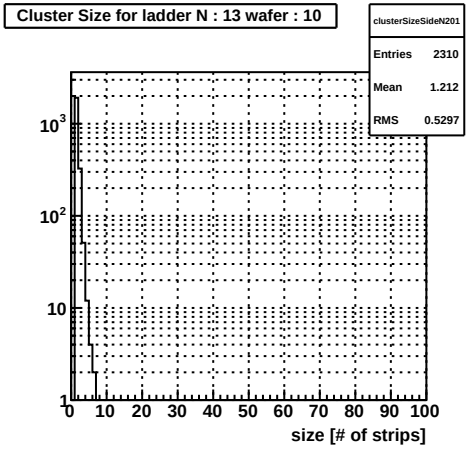

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2045
Mean 1.347
RMS 0.7149
size [# of strips]

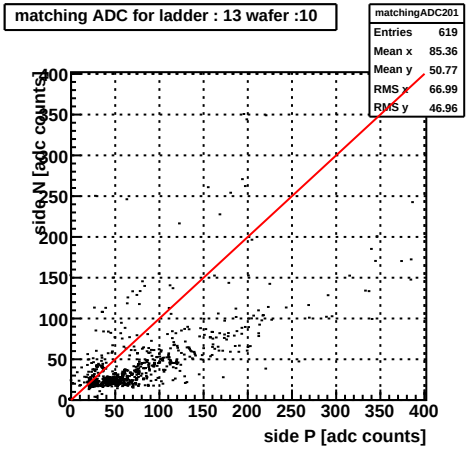

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 818
Mean x 81.28
Mean y 77.74
RMS x 63.77
RMS y 58.3
side N [adc counts]
side P [adc counts]

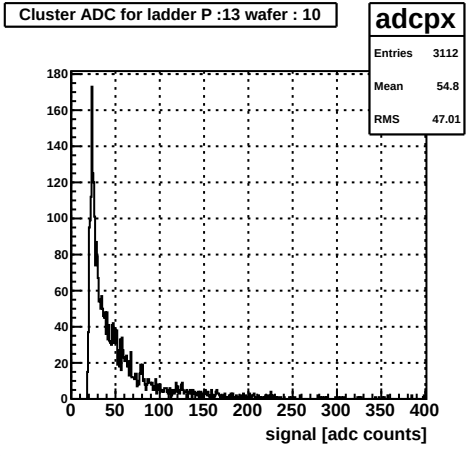

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 2630
Mean 47.37
RMS 51.81
signal [adc counts]

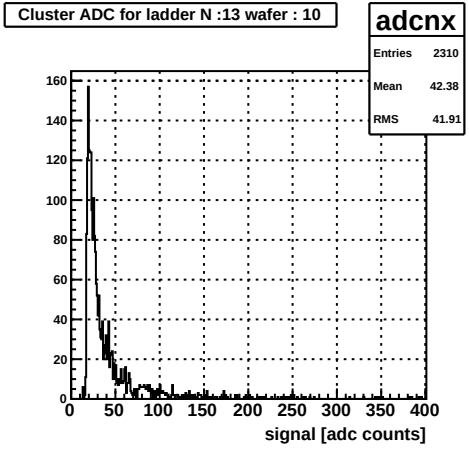

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2045
Mean 54.06
RMS 56.44
signal [adc counts]

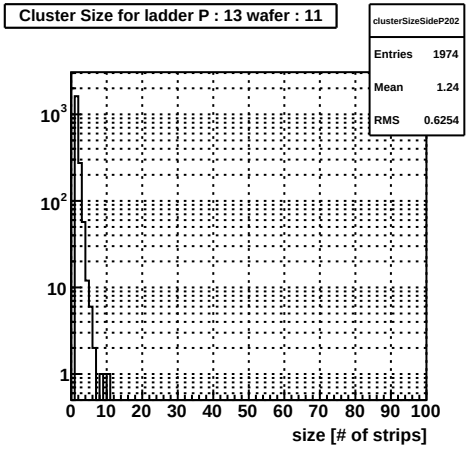

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3112
Mean 1.264
RMS 0.6164
size [# of strips]

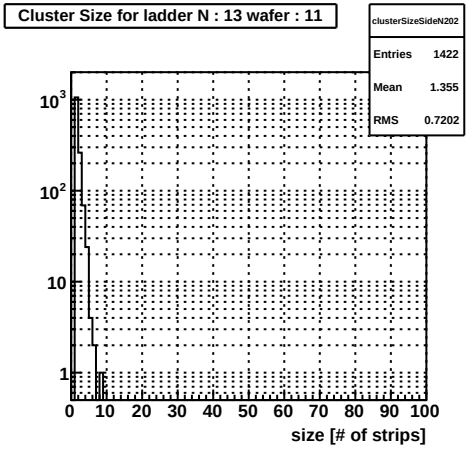

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2310
Mean 1.212
RMS 0.5297
size [# of strips]

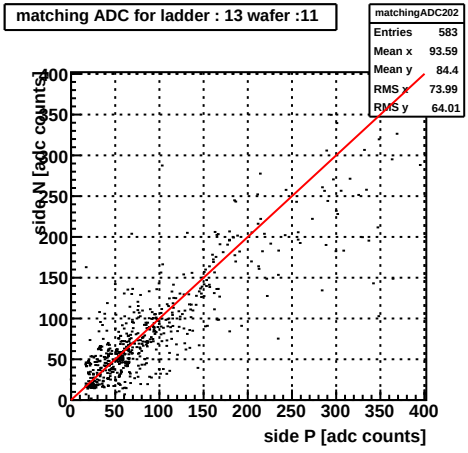

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 619
Mean x 85.36
Mean y 50.77
RMS x 66.99
RMS y 46.96
side N [adc counts]
side P [adc counts]

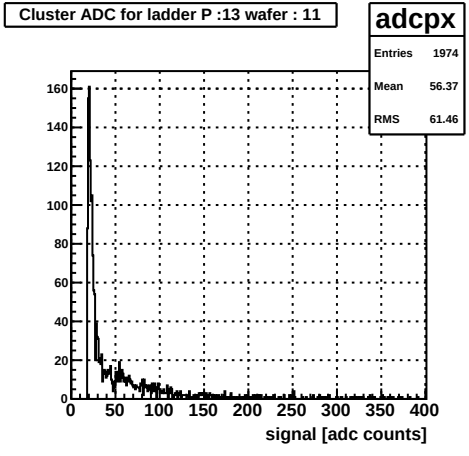

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3112
Mean 54.8
RMS 47.01
signal [adc counts]

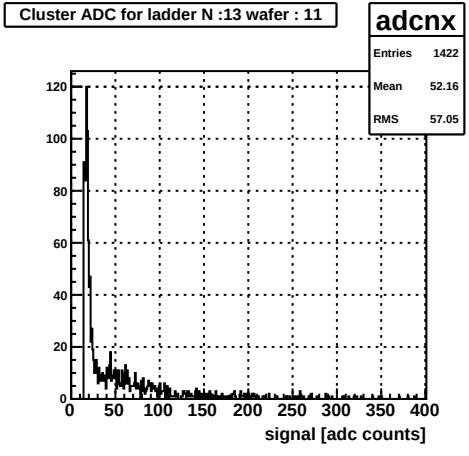

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2310
Mean 42.38
RMS 41.91
signal [adc counts]

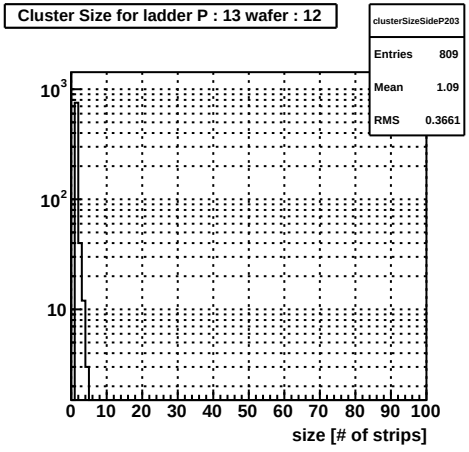

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1974
Mean 1.24
RMS 0.6254
size [# of strips]

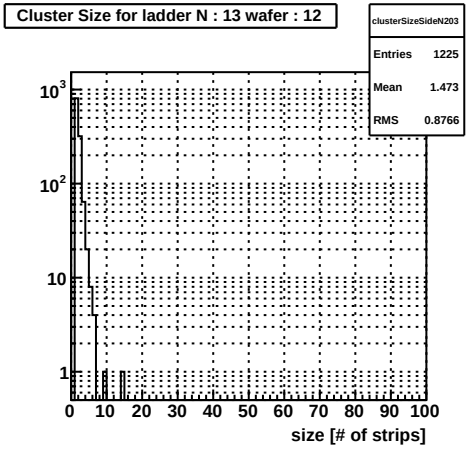

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1422
Mean 1.355
RMS 0.7202
size [# of strips]

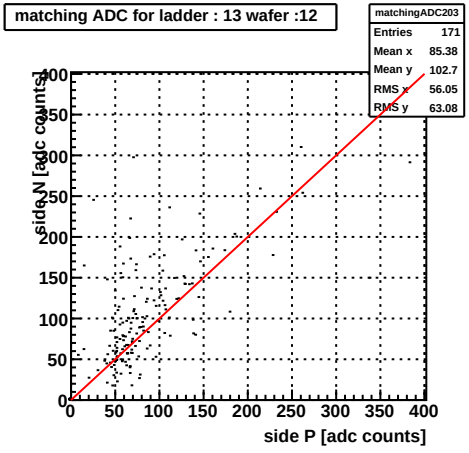

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 583
Mean x 93.59
Mean y 84.4
RMS x 73.99
RMS y 64.01
side N [adc counts]
side P [adc counts]

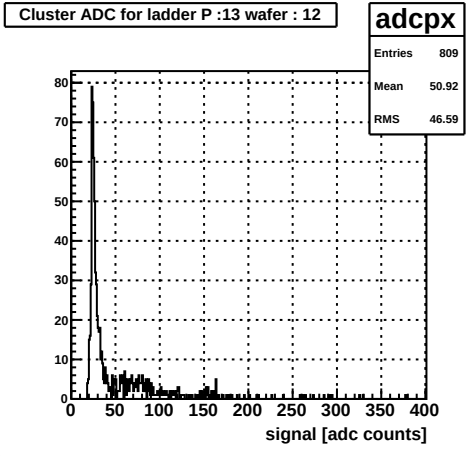

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1974
Mean 56.37
RMS 61.46
signal [adc counts]

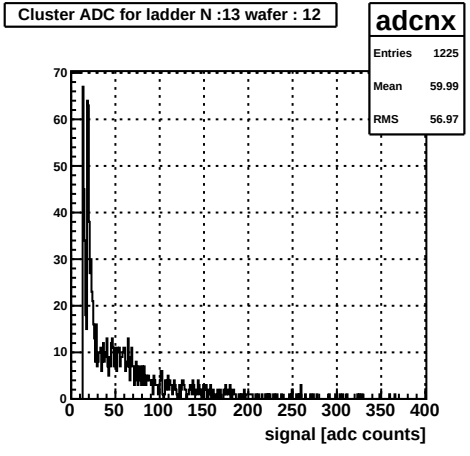

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1422
Mean 52.16
RMS 57.05
signal [adc counts]

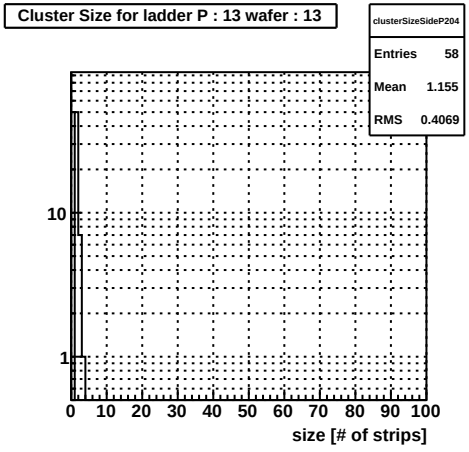

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 809
Mean 1.09
RMS 0.3661
size [# of strips]

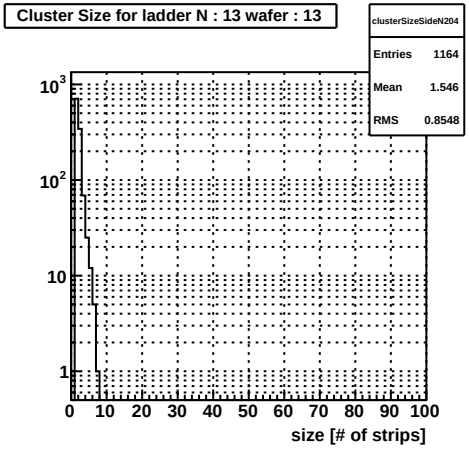

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1225
Mean 1.473
RMS 0.8766
size [# of strips]

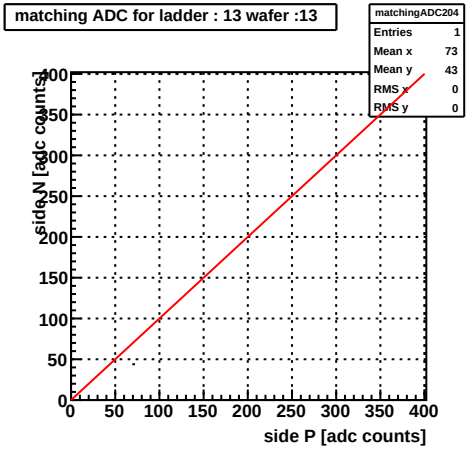

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 171
Mean x 85.38
Mean y 102.7
RMS x 56.05
RMS y 63.08
side N [adc counts]
side P [adc counts]

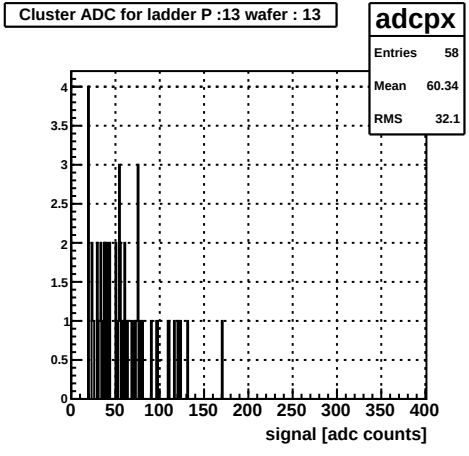

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 809
Mean 50.92
RMS 46.59
signal [adc counts]

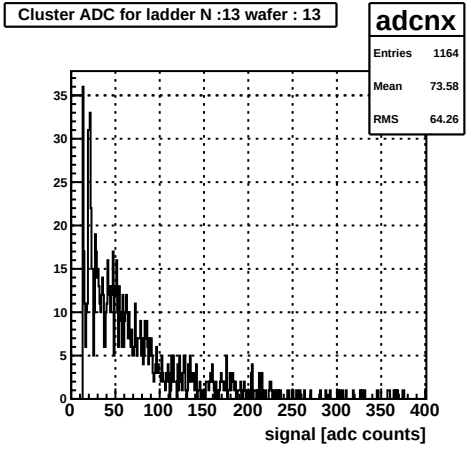

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1225
Mean 59.99
RMS 56.97
signal [adc counts]

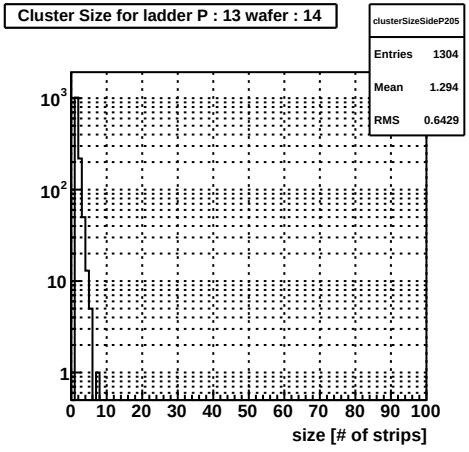

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 58
Mean 1.155
RMS 0.4069
size [# of strips]

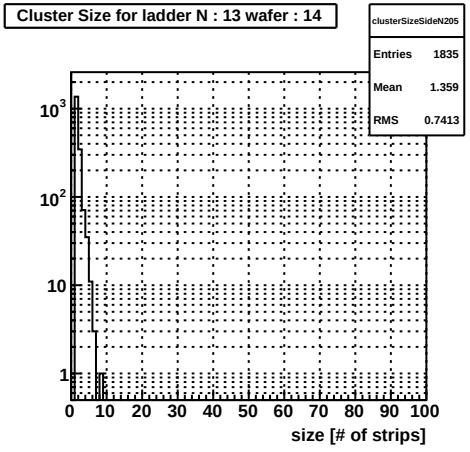

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1164
Mean 1.546
RMS 0.8548
size [# of strips]

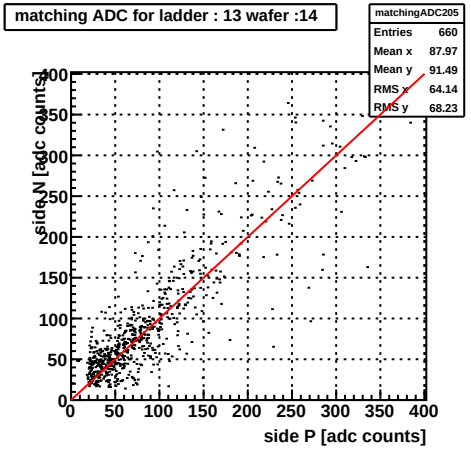

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 73
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

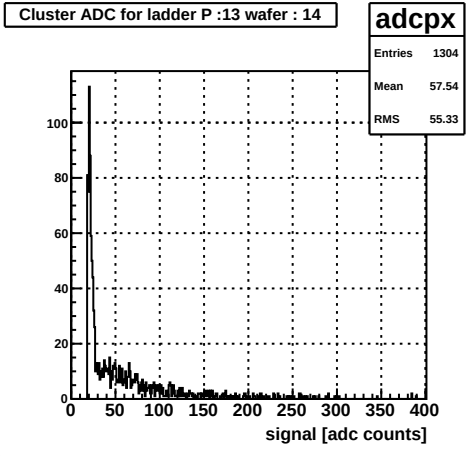

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 58
Mean 60.34
RMS 32.1
signal [adc counts]

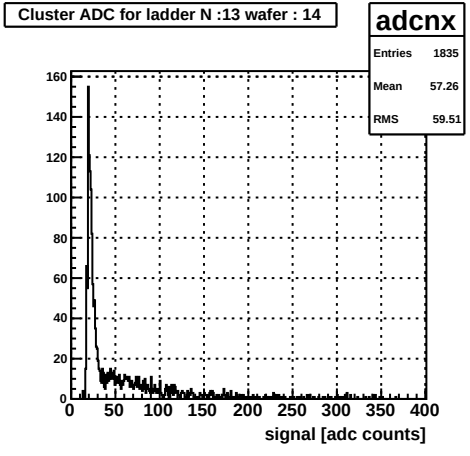

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1164
Mean 73.58
RMS 64.26
signal [adc counts]

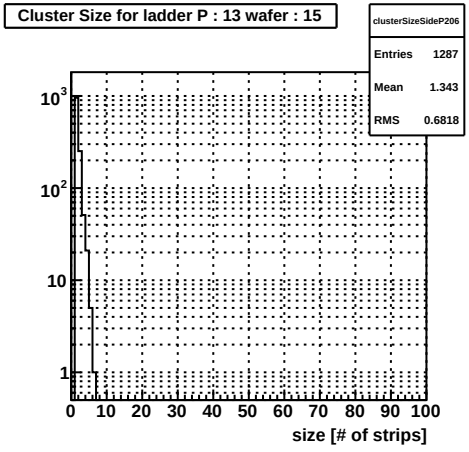

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 1304
Mean 1.294
RMS 0.6429
size [# of strips]

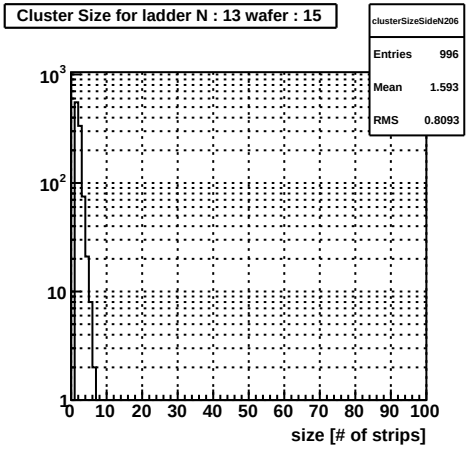

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 1835
Mean 1.359
RMS 0.7413
size [# of strips]

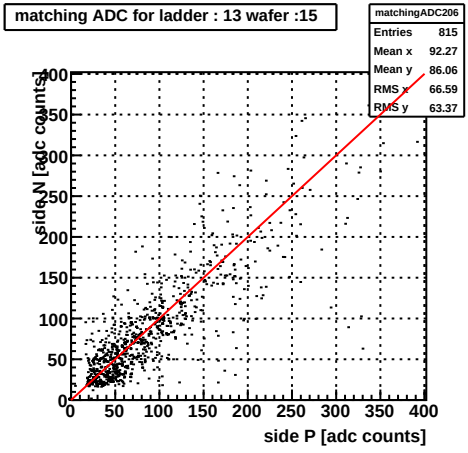

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 660
Mean x 87.97
Mean y 91.49
RMS x 64.14
RMS y 68.23
side N [adc counts]
side P [adc counts]

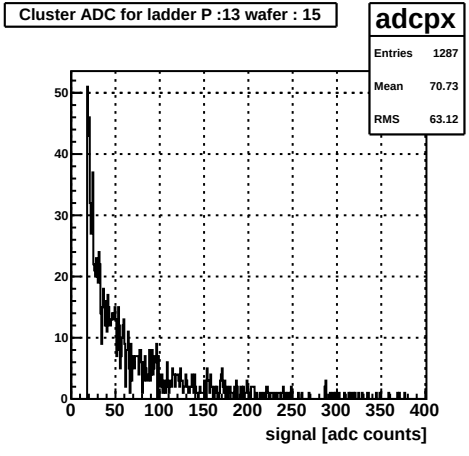

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 1304
Mean 57.54
RMS 55.33
signal [adc counts]

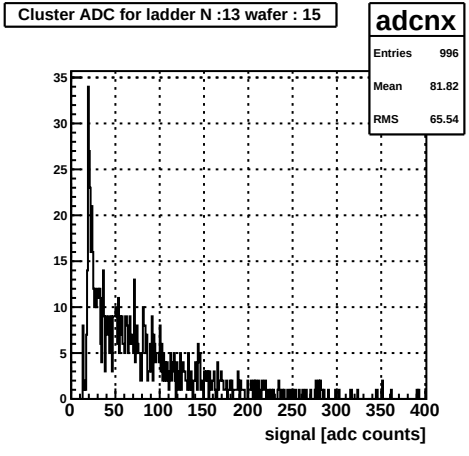

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 1835
Mean 57.26
RMS 59.51
signal [adc counts]

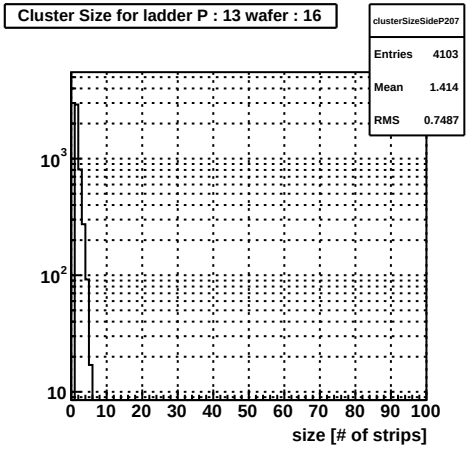

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1287
Mean 1.343
RMS 0.6818
size [# of strips]

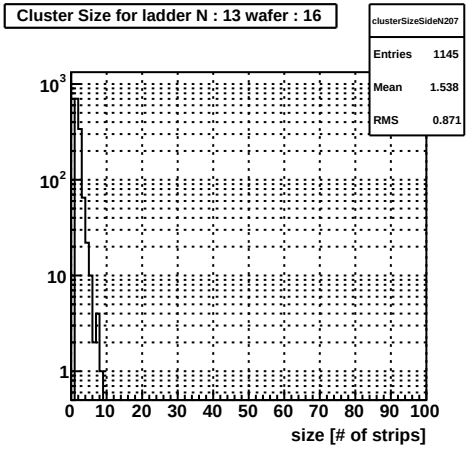

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 996
Mean 1.593
RMS 0.8093
size [# of strips]

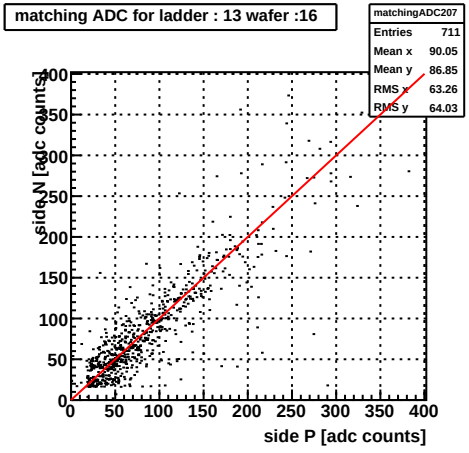

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 815
Mean x 92.27
Mean y 86.06
RMS x 66.59
RMS y 63.37
side N [adc counts]
side P [adc counts]

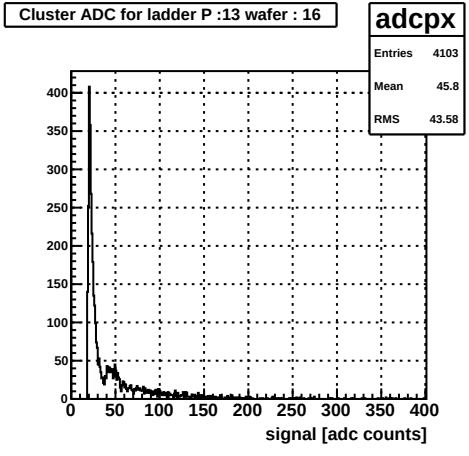

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1287
Mean 70.73
RMS 63.12
signal [adc counts]

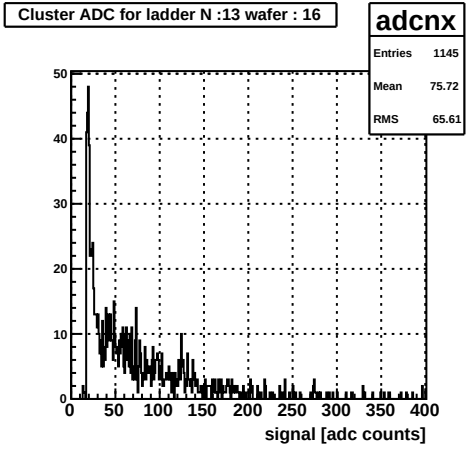

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 996
Mean 81.82
RMS 65.54
signal [adc counts]

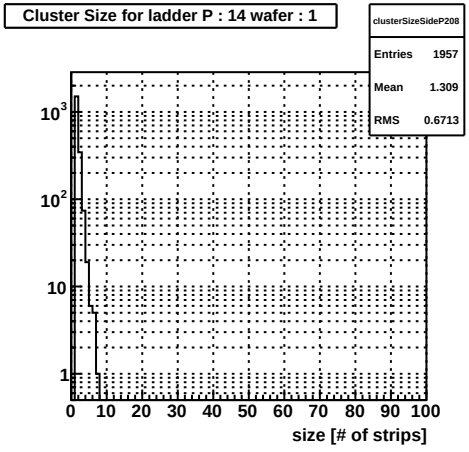

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4103
Mean 1.414
RMS 0.7487
size [# of strips]

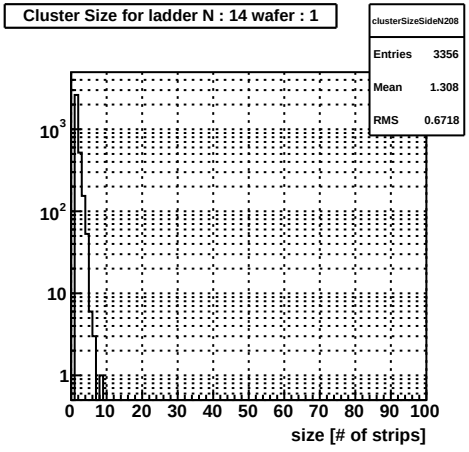

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1145
Mean 1.538
RMS 0.871
size [# of strips]

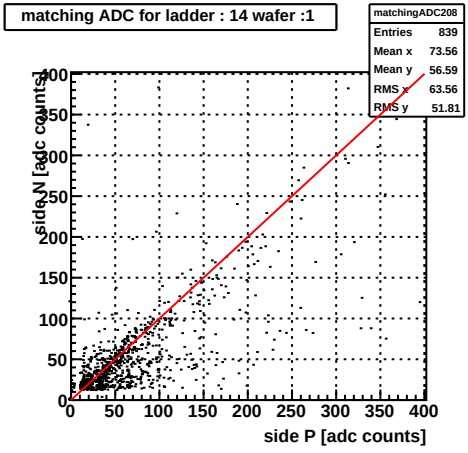

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 711
Mean x 90.05
Mean y 86.85
RMS x 63.26
RMS y 64.03
side N [adc counts]
side P [adc counts]

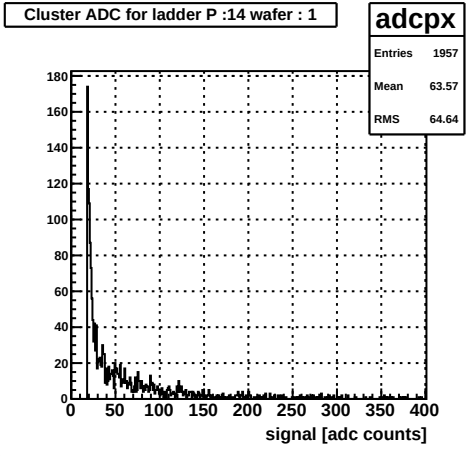

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4103
Mean 45.8
RMS 43.58
signal [adc counts]

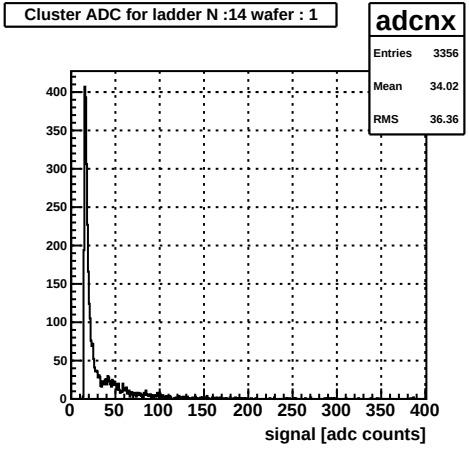

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1145
Mean 75.72
RMS 65.61
signal [adc counts]

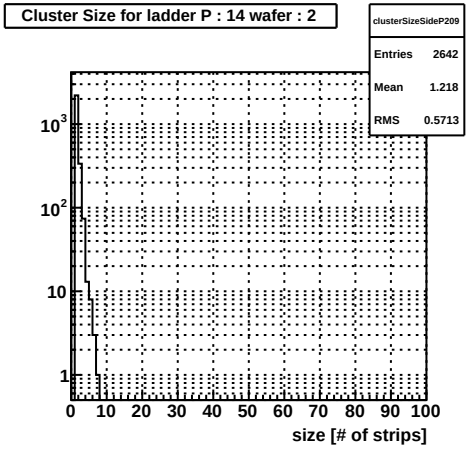

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1957
Mean 1.309
RMS 0.6713
size [# of strips]

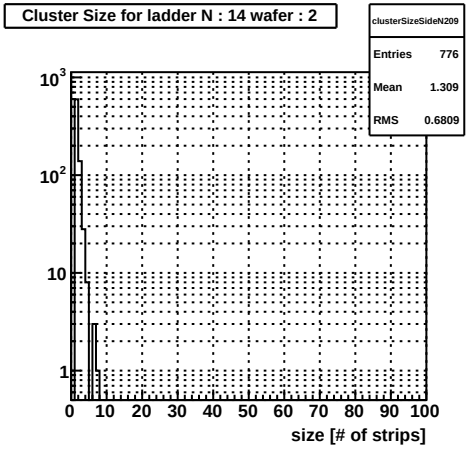

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 3356
Mean 1.308
RMS 0.6718
size [# of strips]

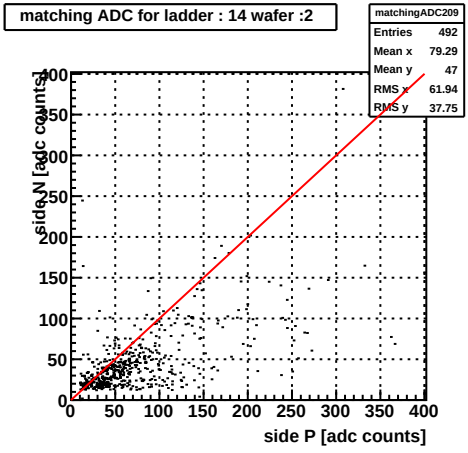

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 839
Mean x 73.56
Mean y 56.59
RMS x 63.56
RMS y 51.81
side N [adc counts]
side P [adc counts]

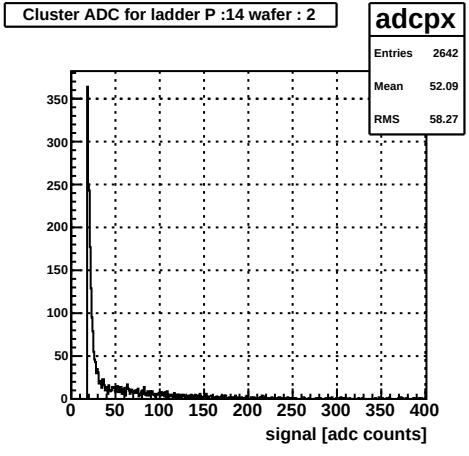

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1957
Mean 63.57
RMS 64.64
signal [adc counts]

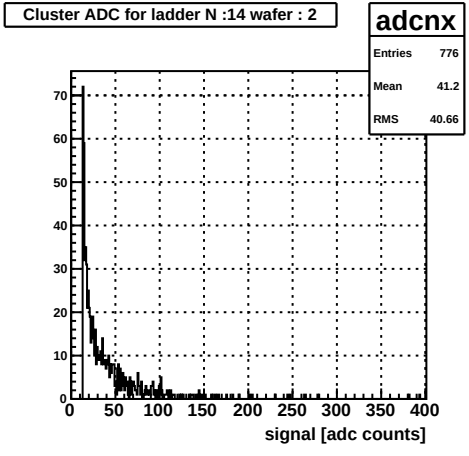

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 3356
Mean 34.02
RMS 36.36
signal [adc counts]

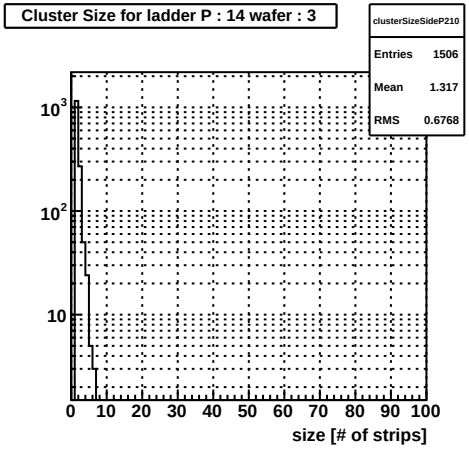

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2642
Mean 1.218
RMS 0.5713
size [# of strips]

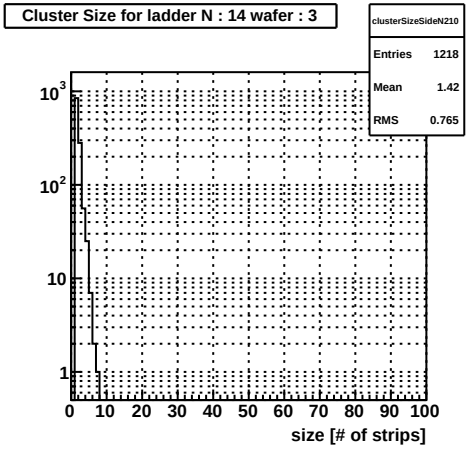

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 776
Mean 1.309
RMS 0.6809
size [# of strips]

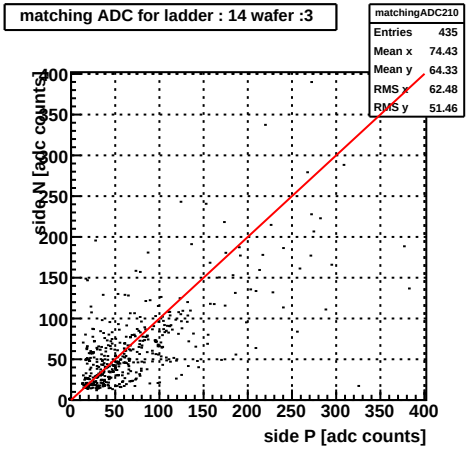

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 492
Mean x 79.29
Mean y 47
RMS x 61.94
RMS y 37.75
side N [adc counts]
side P [adc counts]

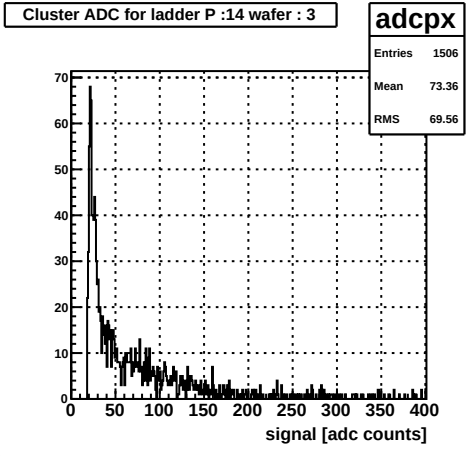

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2642
Mean 52.09
RMS 58.27
signal [adc counts]

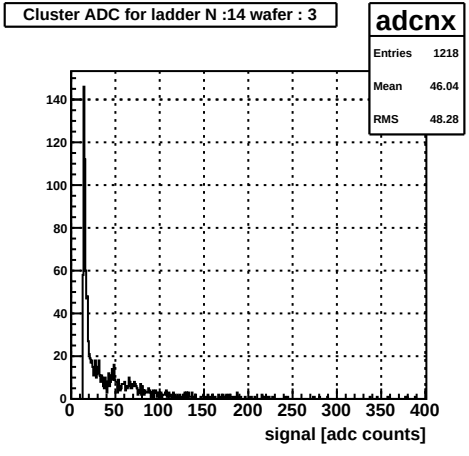

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 776
Mean 41.2
RMS 40.66
signal [adc counts]

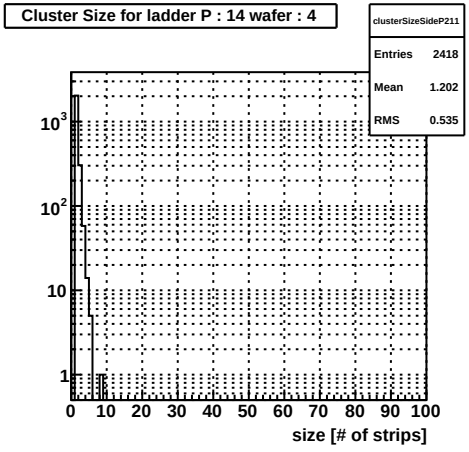

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1506
Mean 1.317
RMS 0.6768
size [# of strips]

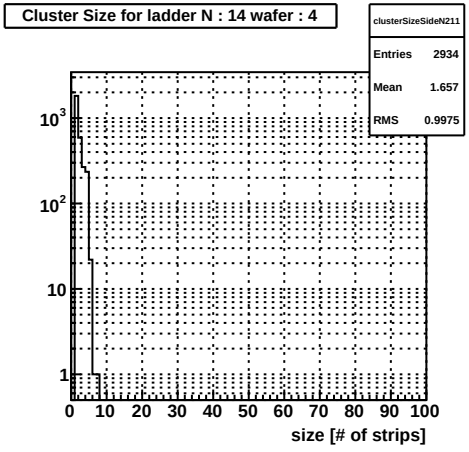

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1218
Mean 1.42
RMS 0.765
size [# of strips]

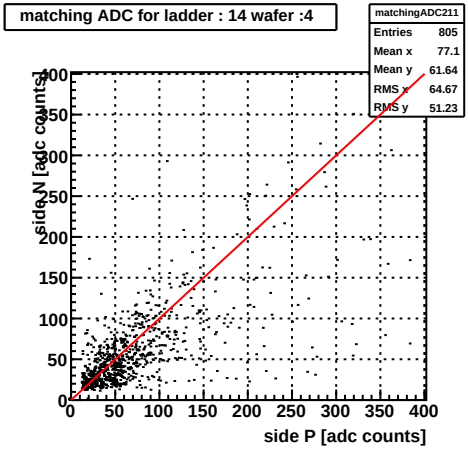

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 435
Mean x 74.43
Mean y 64.33
RMS x 62.48
RMS y 51.46
side N [adc counts]
side P [adc counts]

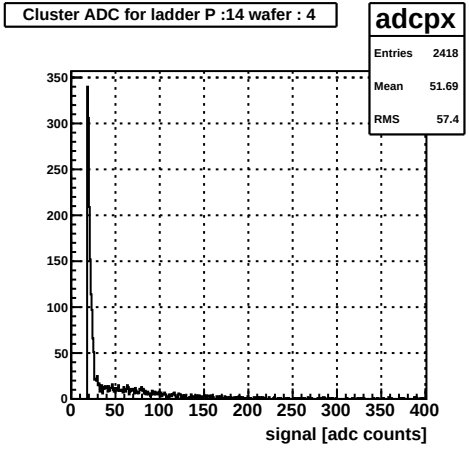

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1506
Mean 73.36
RMS 69.56
signal [adc counts]

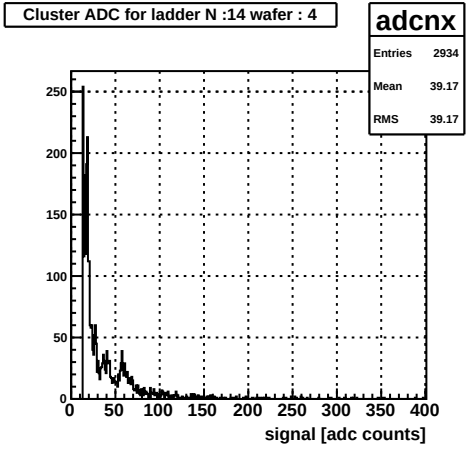

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1218
Mean 46.04
RMS 48.28
signal [adc counts]

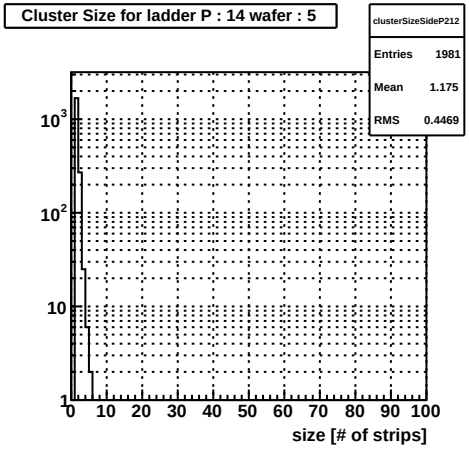

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 2418
Mean 1.202
RMS 0.535
size [# of strips]

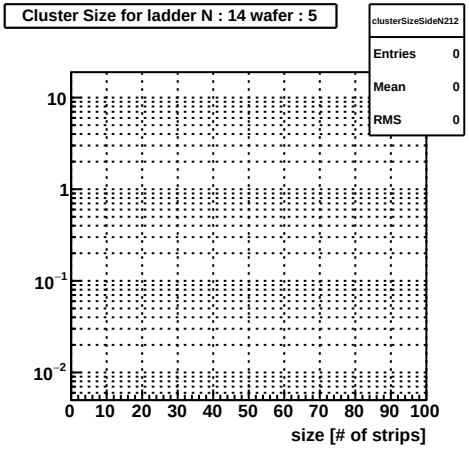

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2934
Mean 1.657
RMS 0.9975
size [# of strips]

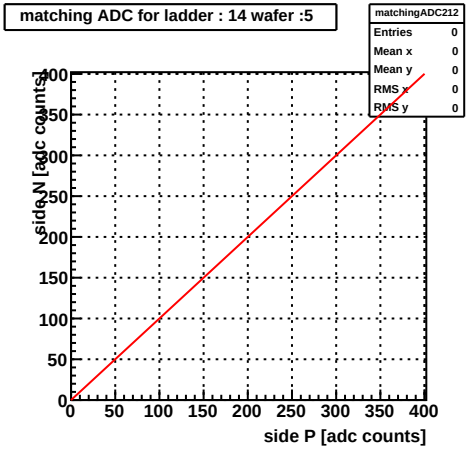

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 805
Mean x 77.1
Mean y 61.64
RMS x 64.67
RMS y 51.23
side N [adc counts]
side P [adc counts]

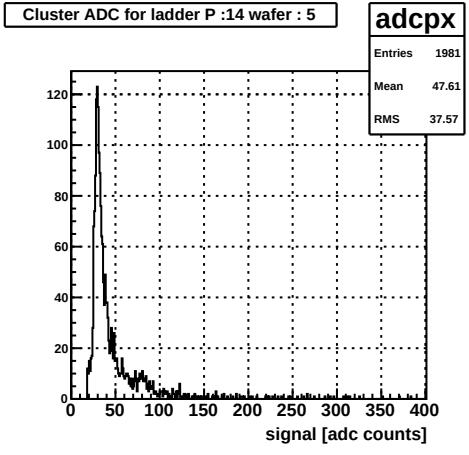

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 2418
Mean 51.69
RMS 57.4
signal [adc counts]

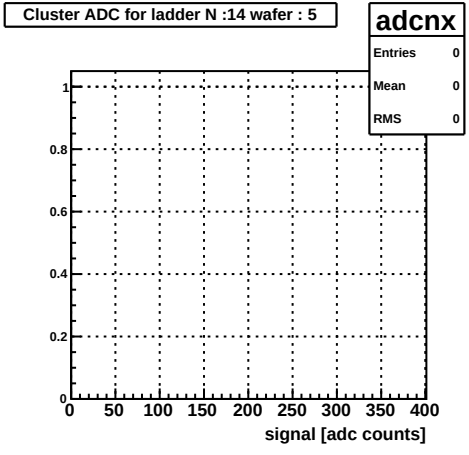

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2934
Mean 39.17
RMS 39.17
signal [adc counts]

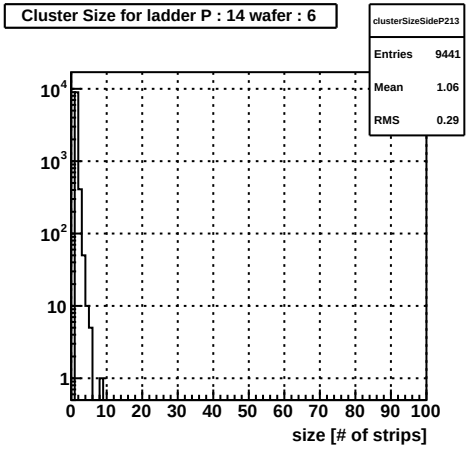

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 1981
Mean 1.175
RMS 0.4469
size [# of strips]

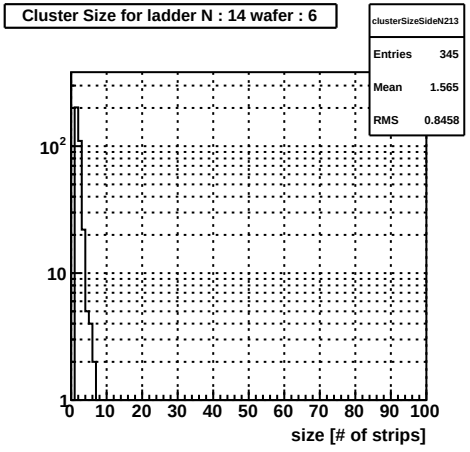

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

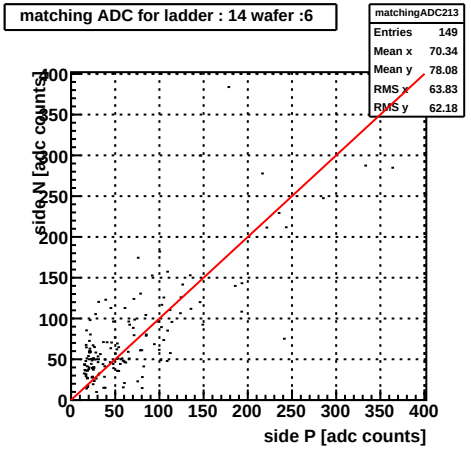

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

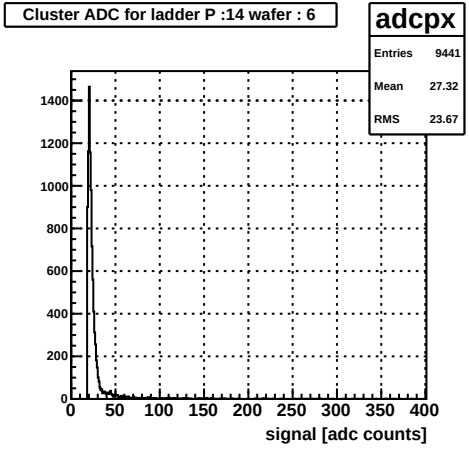

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 1981
Mean 47.61
RMS 37.57
signal [adc counts]

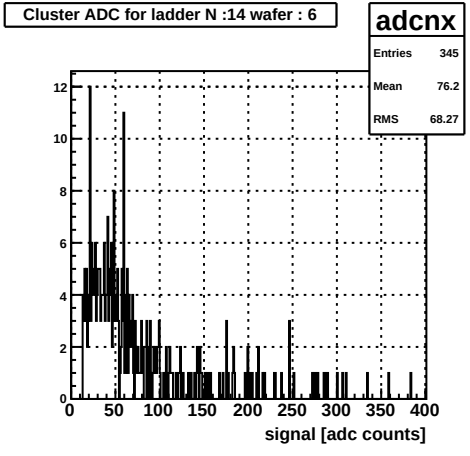

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

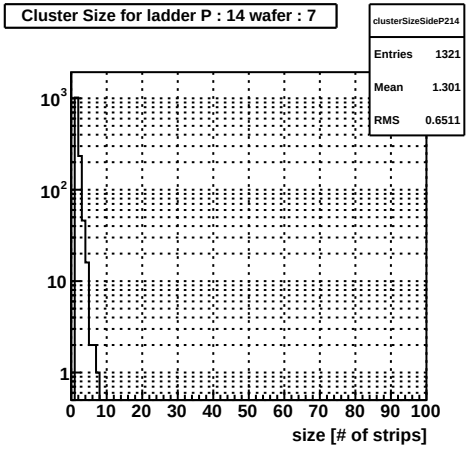

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 9441
Mean 1.06
RMS 0.29
size [# of strips]

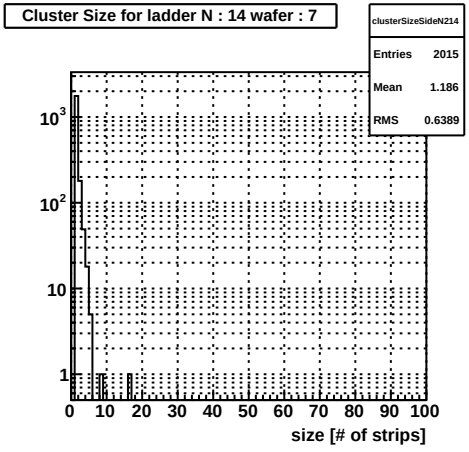

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 345
Mean 1.565
RMS 0.8458
size [# of strips]

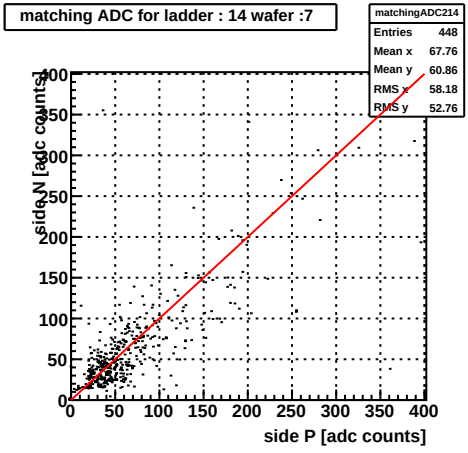

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 149
Mean x 70.34
Mean y 78.08
RMS x 63.83
RMS y 62.18
side N [adc counts]
side P [adc counts]

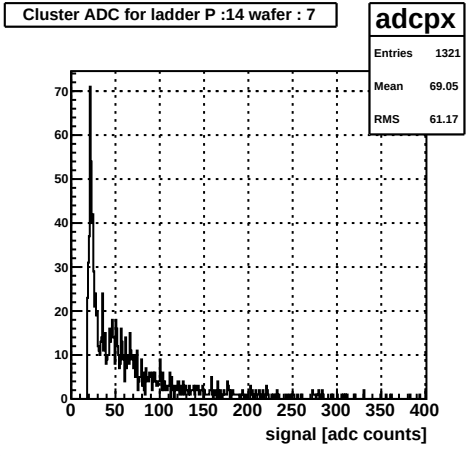

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 9441
Mean 27.32
RMS 23.67
signal [adc counts]

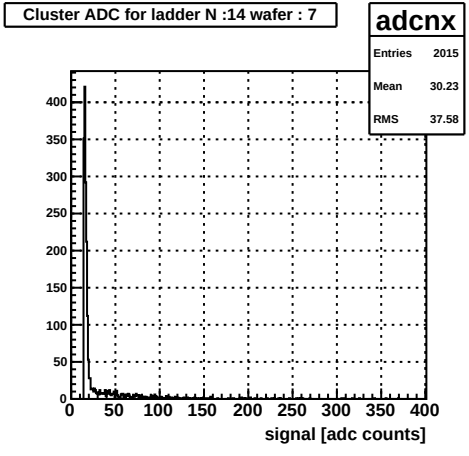

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 345
Mean 76.2
RMS 68.27
signal [adc counts]

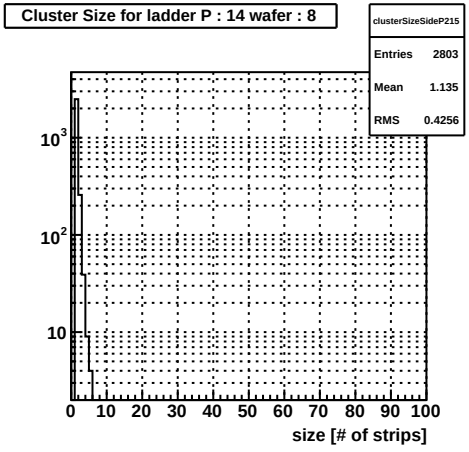

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1321
Mean 1.301
RMS 0.6511
size [# of strips]

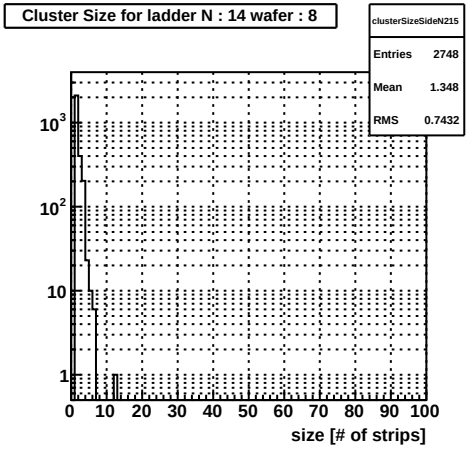

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 2015
Mean 1.186
RMS 0.6389
size [# of strips]

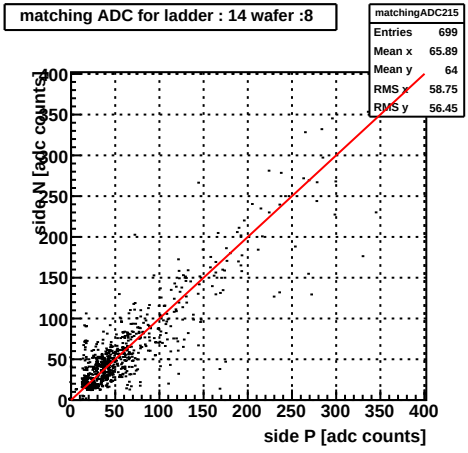

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 448
Mean x 67.76
Mean y 60.86
RMS x 58.18
RMS y 52.76
side N [adc counts]
side P [adc counts]

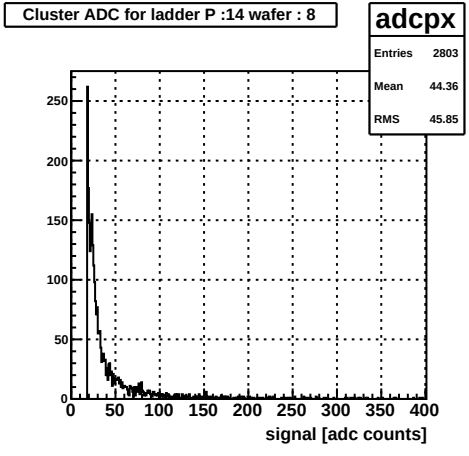

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1321
Mean 69.05
RMS 61.17
signal [adc counts]

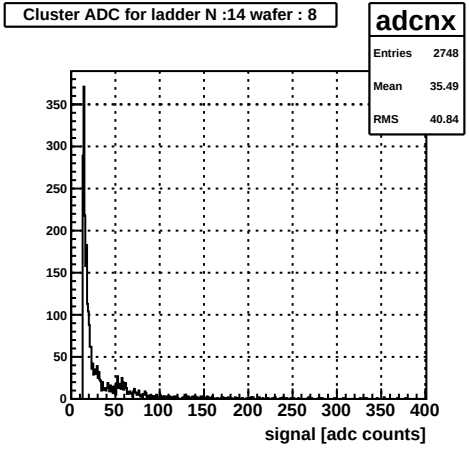

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 2015
Mean 30.23
RMS 37.58
signal [adc counts]

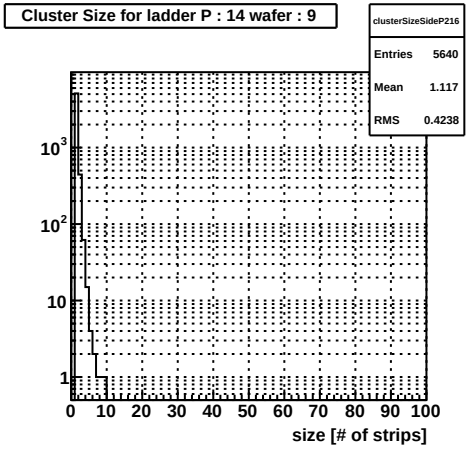

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 2803
Mean 1.135
RMS 0.4256
size [# of strips]

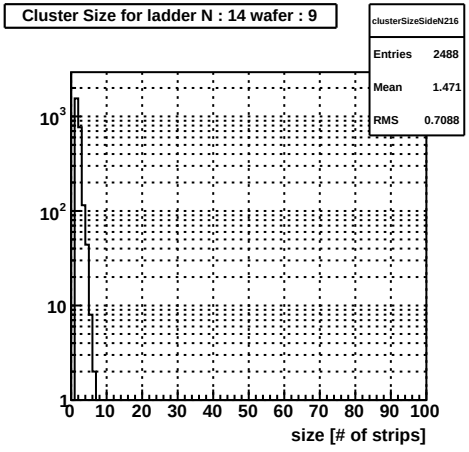

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2748
Mean 1.348
RMS 0.7432
size [# of strips]

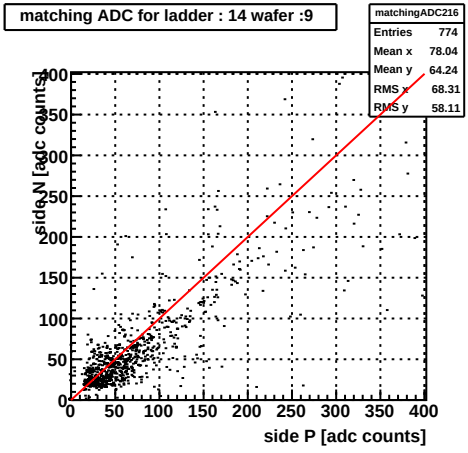

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 699
Mean x 65.89
Mean y 64
RMS x 58.75
RMS y 56.45
side N [adc counts]
side P [adc counts]

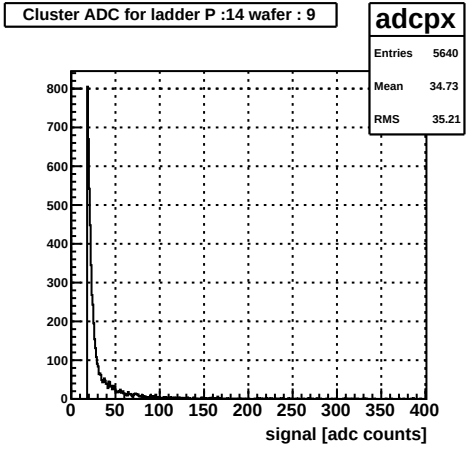

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 2803
Mean 44.36
RMS 45.85
signal [adc counts]

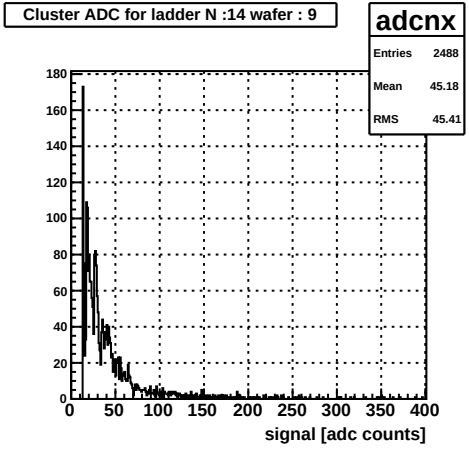

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2748
Mean 35.49
RMS 40.84
signal [adc counts]

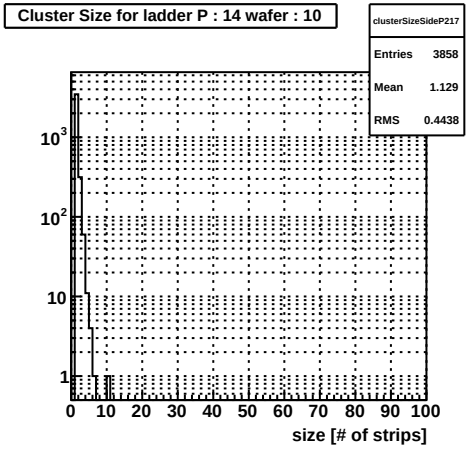

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 5640
Mean 1.117
RMS 0.4238
size [# of strips]

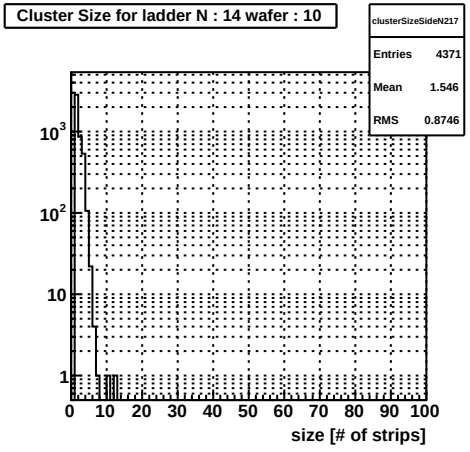

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 2488
Mean 1.471
RMS 0.7088
size [# of strips]

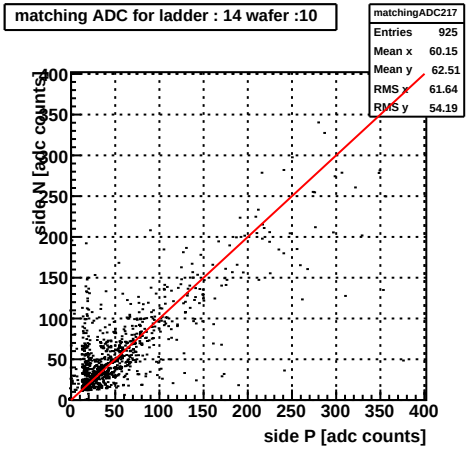

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 774
Mean x 78.04
Mean y 64.24
RMS x 68.31
RMS y 58.11
side N [adc counts]
side P [adc counts]

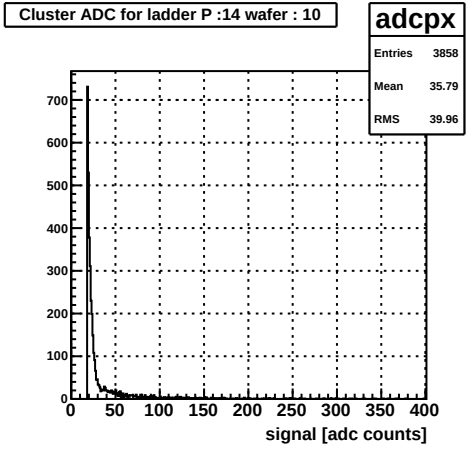

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 5640
Mean 34.73
RMS 35.21
signal [adc counts]

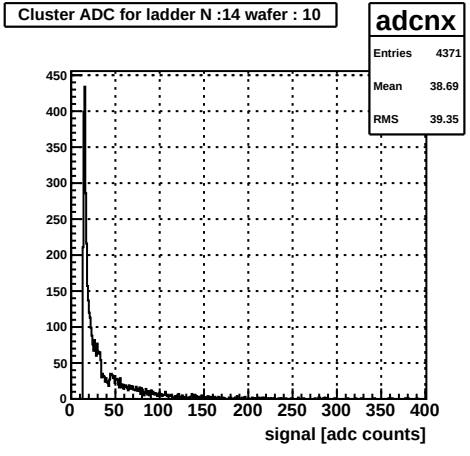

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 2488
Mean 45.18
RMS 45.41
signal [adc counts]

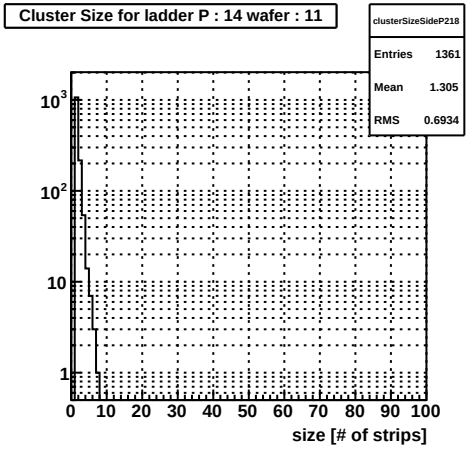

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 3858
Mean 1.129
RMS 0.4438
size [# of strips]

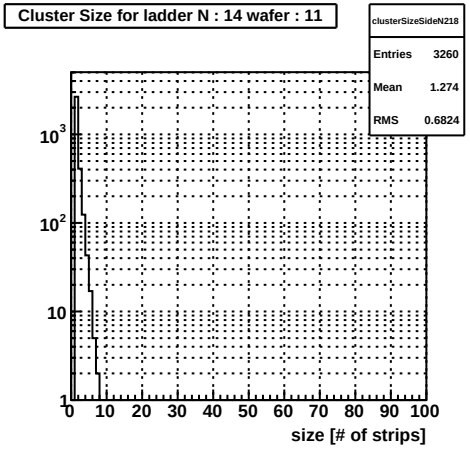

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4371
Mean 1.546
RMS 0.8746
size [# of strips]

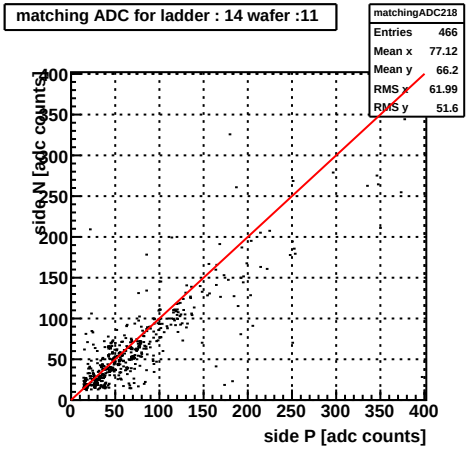

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 925
Mean x 60.15
Mean y 62.51
RMS x 61.64
RMS y 54.19
side N [adc counts]
side P [adc counts]

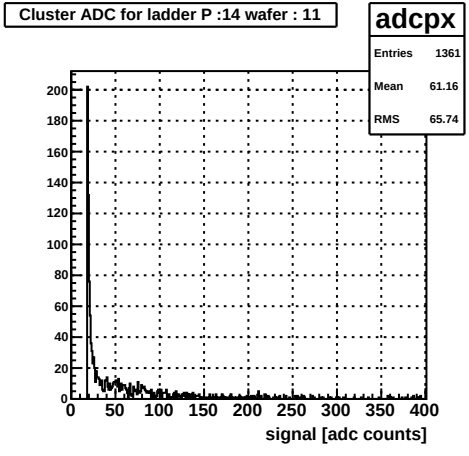

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 3858
Mean 35.79
RMS 39.96
signal [adc counts]

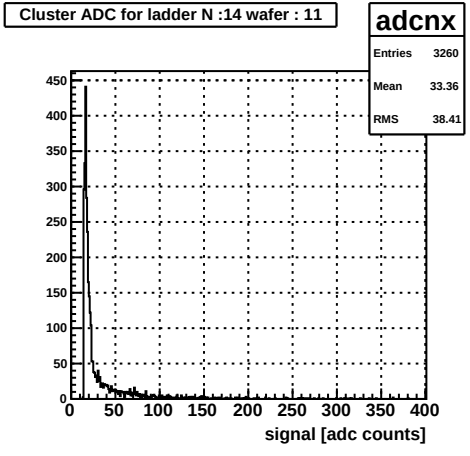

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4371
Mean 38.69
RMS 39.35
signal [adc counts]

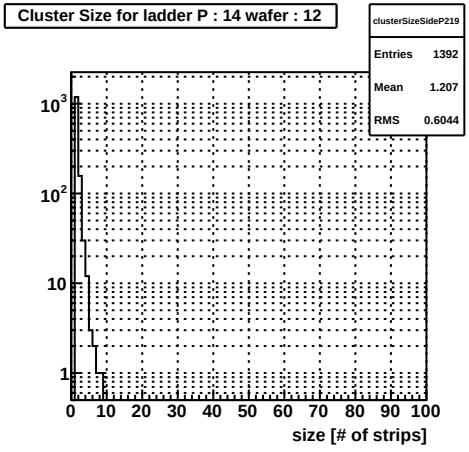

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1361
Mean 1.305
RMS 0.6934
size [# of strips]

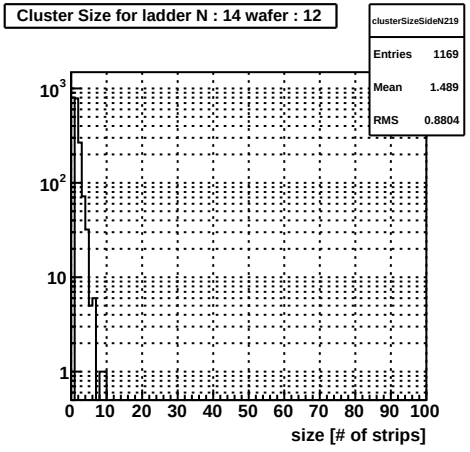

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 3260
Mean 1.274
RMS 0.6824
size [# of strips]

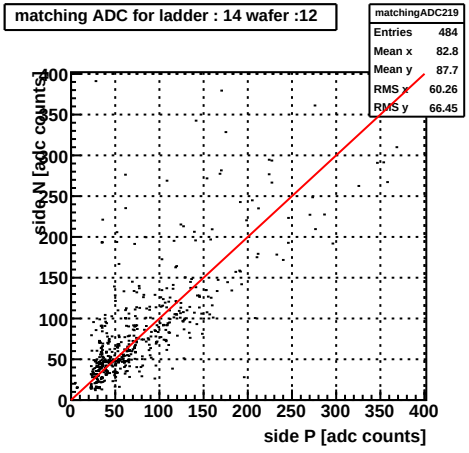

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 466
Mean x 77.12
Mean y 66.2
RMS x 61.99
RMS y 51.6
side N [adc counts]
side P [adc counts]

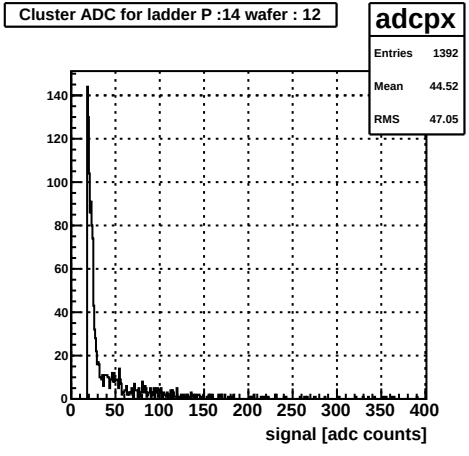

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1361
Mean 61.16
RMS 65.74
signal [adc counts]

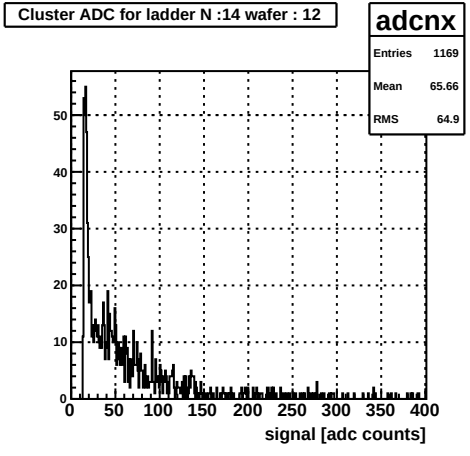

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 3260
Mean 33.36
RMS 38.41
signal [adc counts]

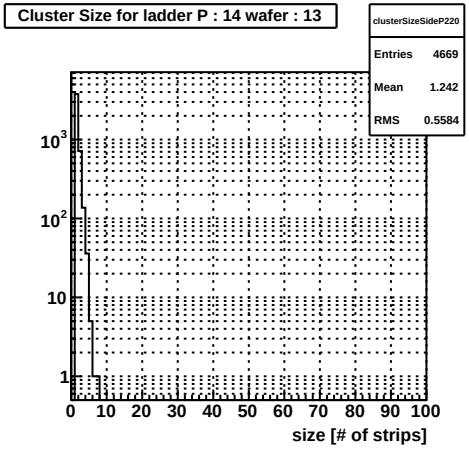

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1392
Mean 1.207
RMS 0.6044
size [# of strips]

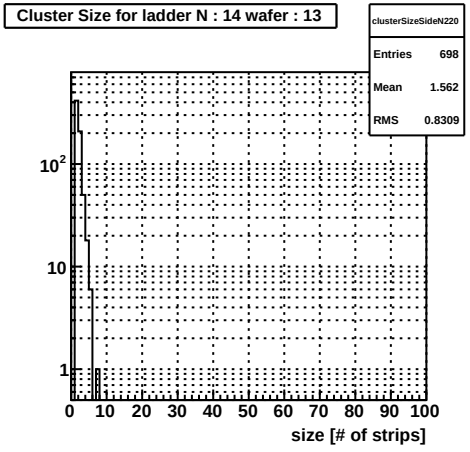

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1169
Mean 1.489
RMS 0.8804
size [# of strips]

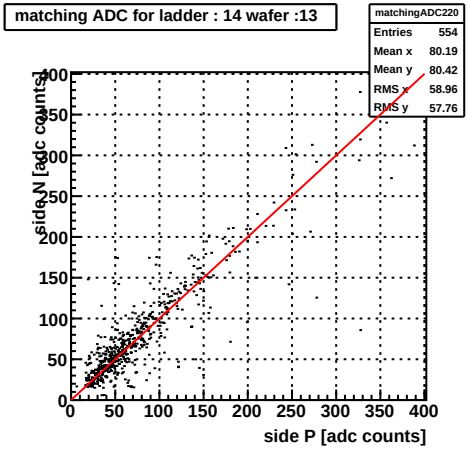

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 484
Mean x 82.8
Mean y 87.7
RMS x 60.26
RMS y 66.45
side N [adc counts]
side P [adc counts]

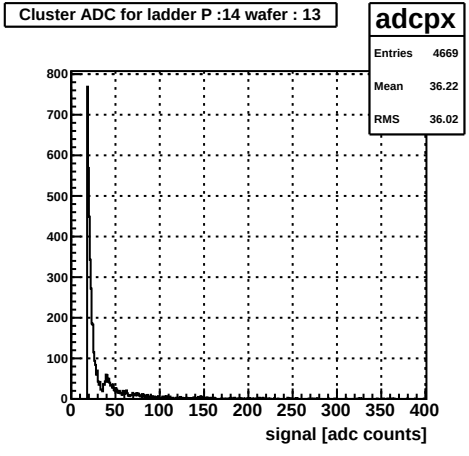

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1392
Mean 44.52
RMS 47.05
signal [adc counts]

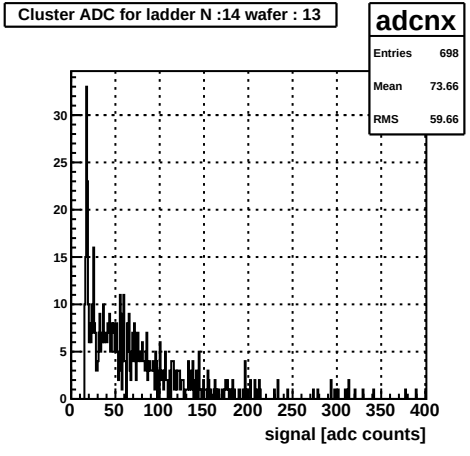

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1169
Mean 65.66
RMS 64.9
signal [adc counts]

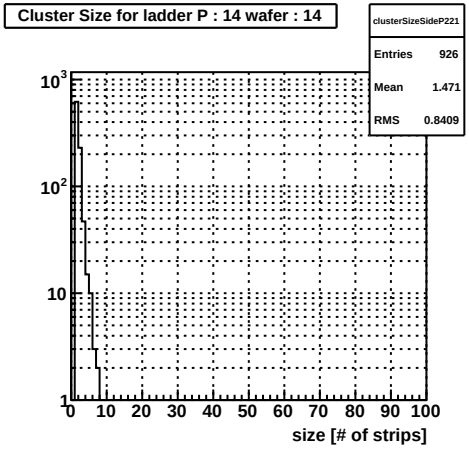

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 4669
Mean 1.242
RMS 0.5584
size [# of strips]

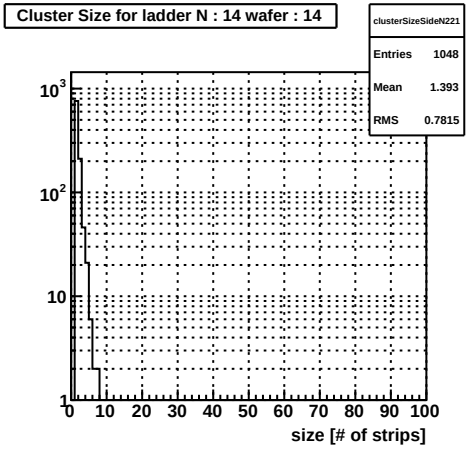

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 698
Mean 1.562
RMS 0.8309
size [# of strips]

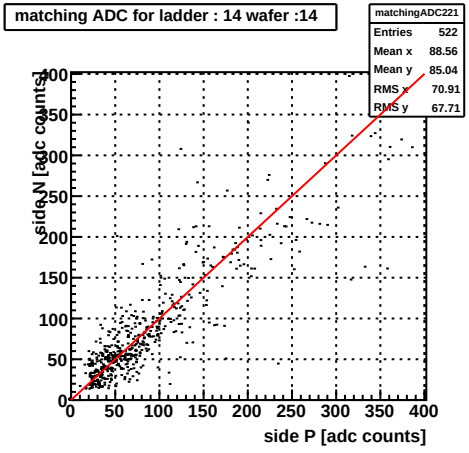

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 554
Mean x 80.19
Mean y 80.42
RMS x 58.96
RMS y 57.76
side N [adc counts]
side P [adc counts]

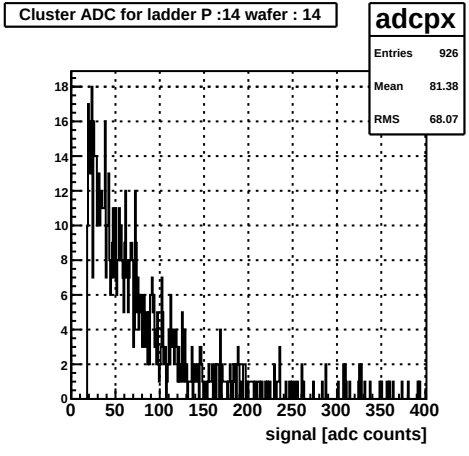

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 4669
Mean 36.22
RMS 36.02
signal [adc counts]

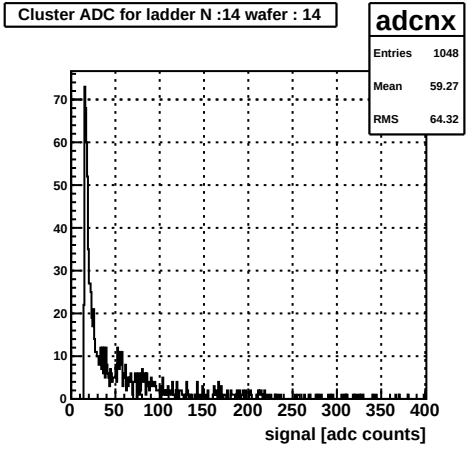

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 698
Mean 73.66
RMS 59.66
signal [adc counts]

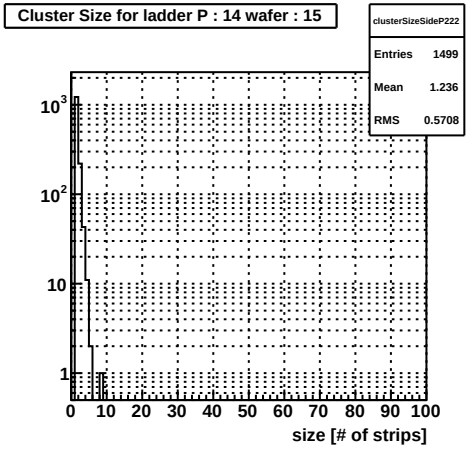

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 926
Mean 1.471
RMS 0.8409
size [# of strips]

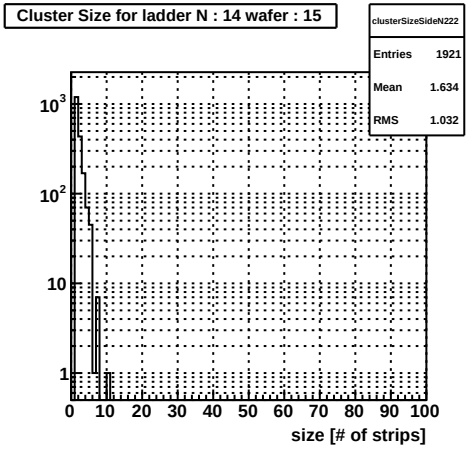

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1048
Mean 1.393
RMS 0.7815
size [# of strips]

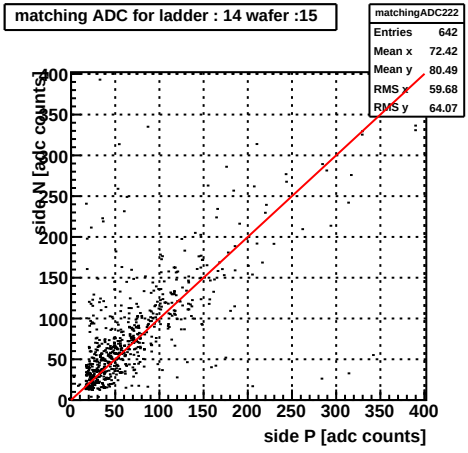

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 522
Mean x 88.56
Mean y 85.04
RMS x 70.91
RMS y 67.71
side N [adc counts]
side P [adc counts]

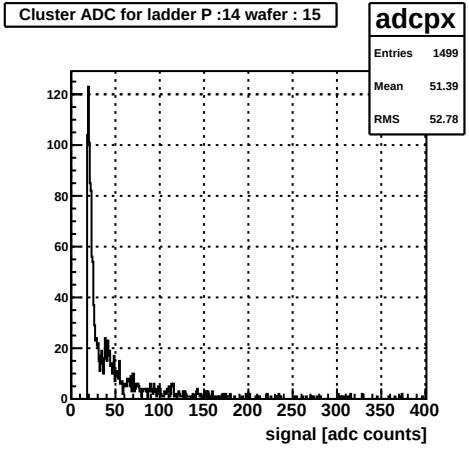

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 926
Mean 81.38
RMS 68.07
signal [adc counts]

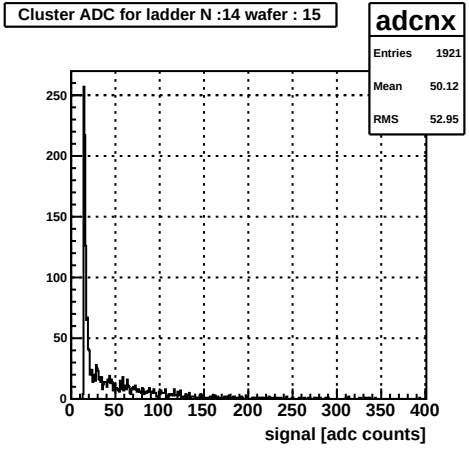

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1048
Mean 59.27
RMS 64.32
signal [adc counts]

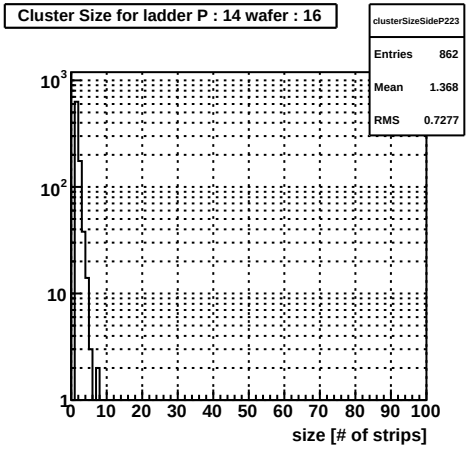

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1499
Mean 1.236
RMS 0.5708
size [# of strips]

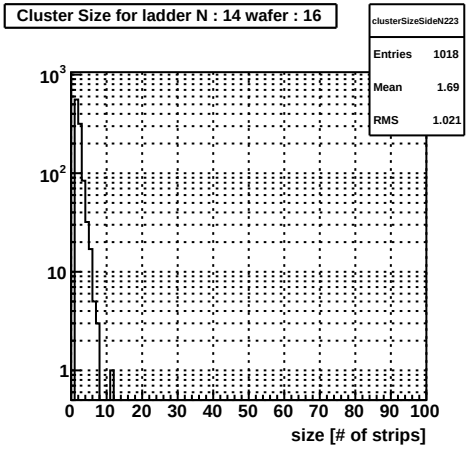

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 1921
Mean 1.634
RMS 1.032
size [# of strips]

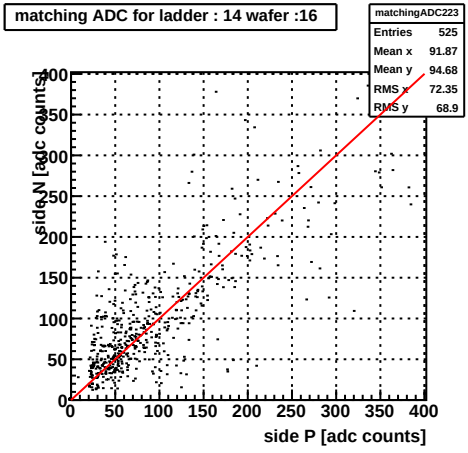

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 642
Mean x 72.42
Mean y 80.49
RMS x 59.68
RMS y 64.07
side N [adc counts]
side P [adc counts]

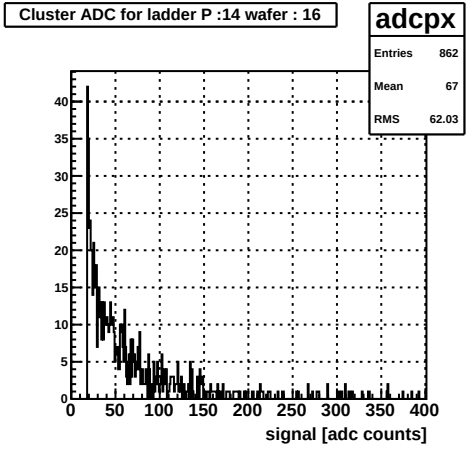

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1499
Mean 51.39
RMS 52.78
signal [adc counts]

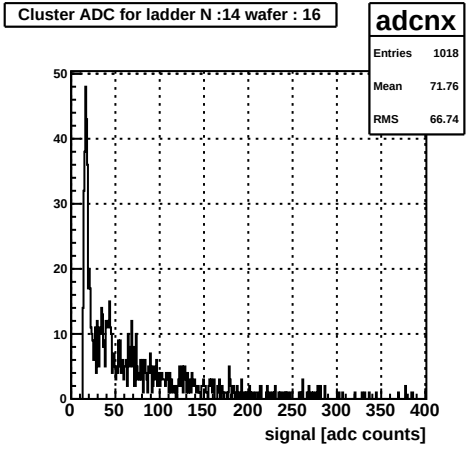

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 1921
Mean 50.12
RMS 52.95
signal [adc counts]

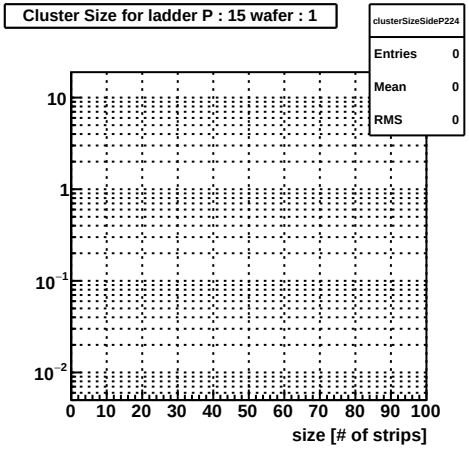

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 862
Mean 1.368
RMS 0.7277
size [# of strips]

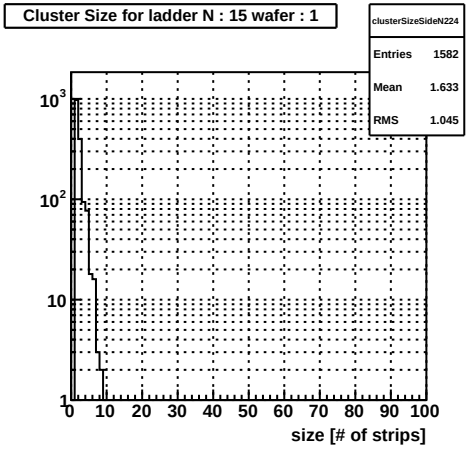

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1018
Mean 1.69
RMS 1.021
size [# of strips]

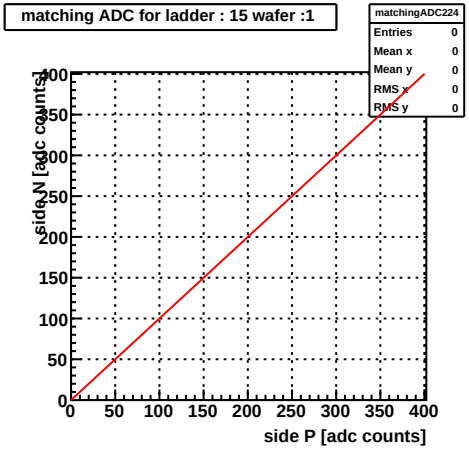

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 525
Mean x 91.87
Mean y 94.68
RMS x 72.35
RMS y 68.9
side N [adc counts]
side P [adc counts]

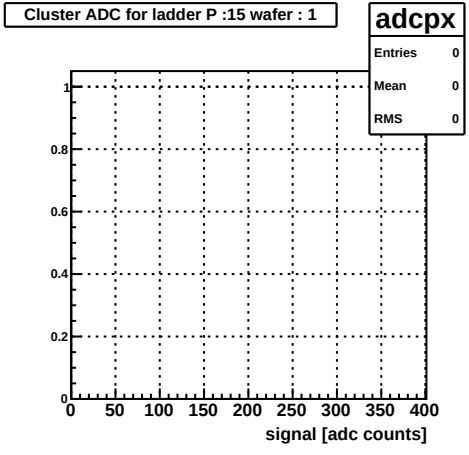

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 862
Mean 67
RMS 62.03
signal [adc counts]

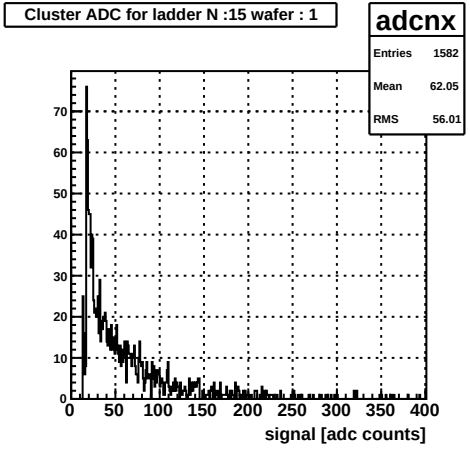

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1018
Mean 71.76
RMS 66.74
signal [adc counts]

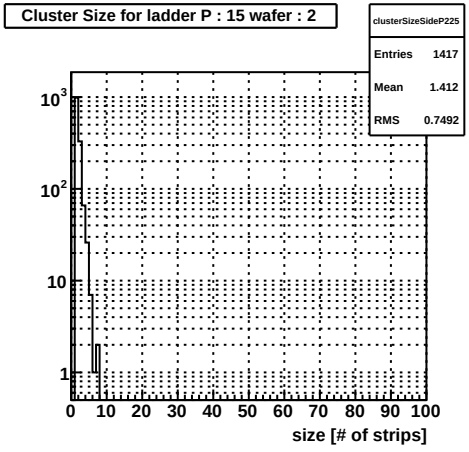

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

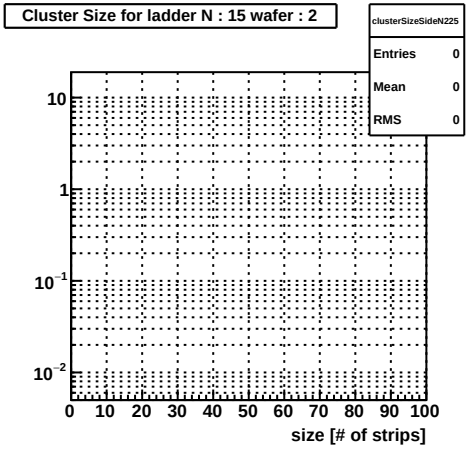

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1582
Mean 1.633
RMS 1.045
size [# of strips]

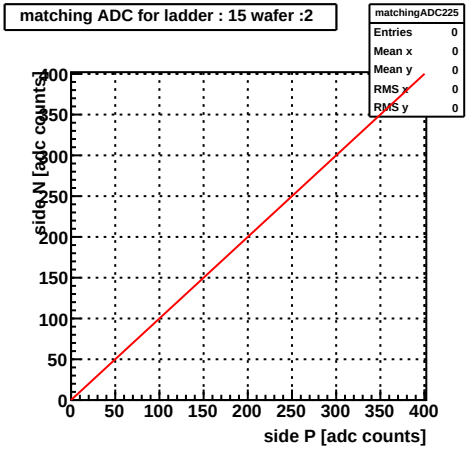

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

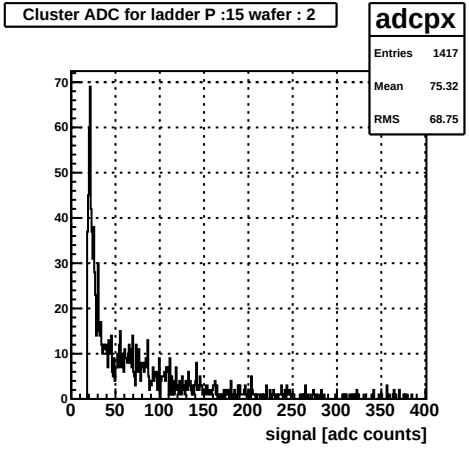

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

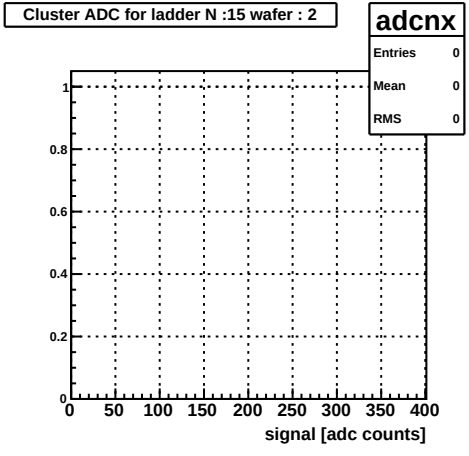

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1582
Mean 62.05
RMS 56.01
signal [adc counts]

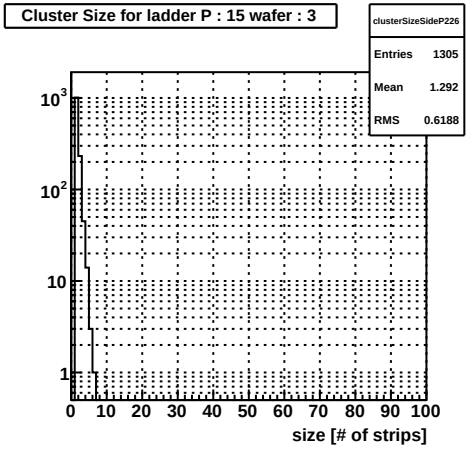

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1417
Mean 1.412
RMS 0.7492
size [# of strips]

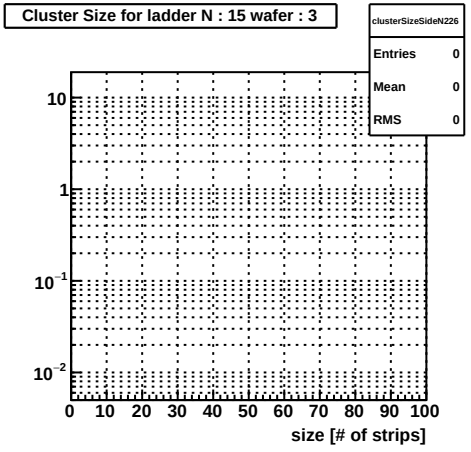

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

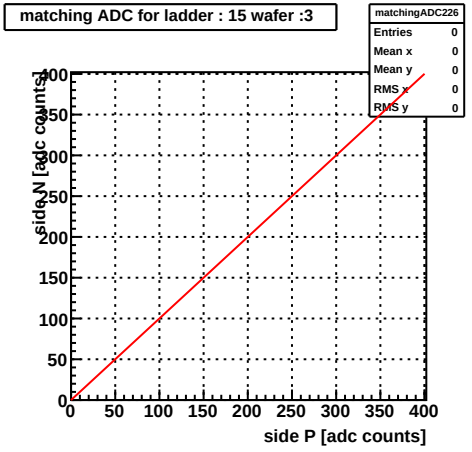

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

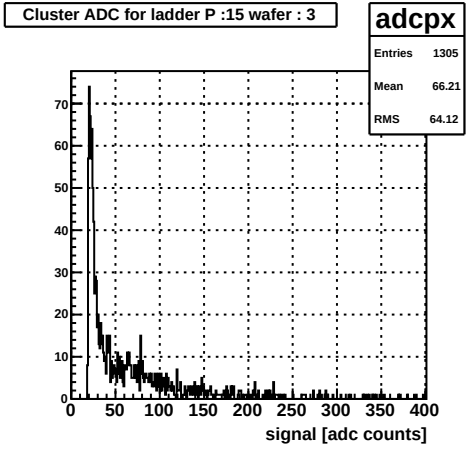

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1417
Mean 75.32
RMS 68.75
signal [adc counts]

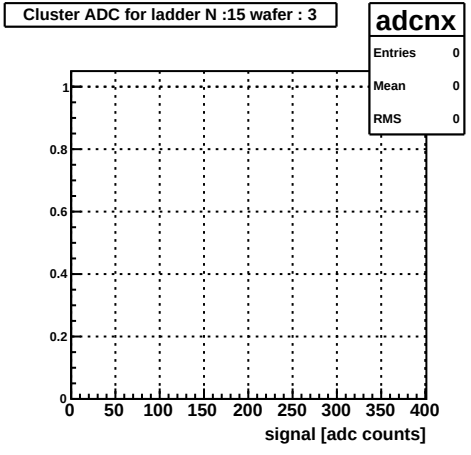

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

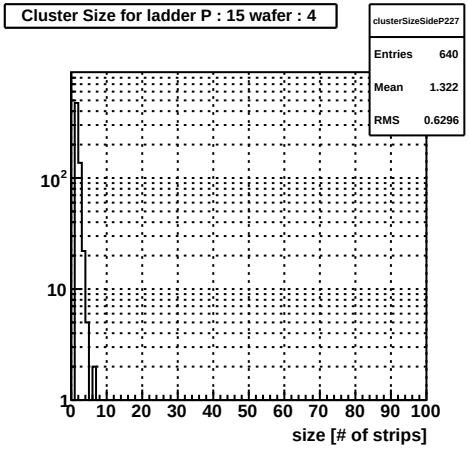

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1305
Mean 1.292
RMS 0.6188
size [# of strips]

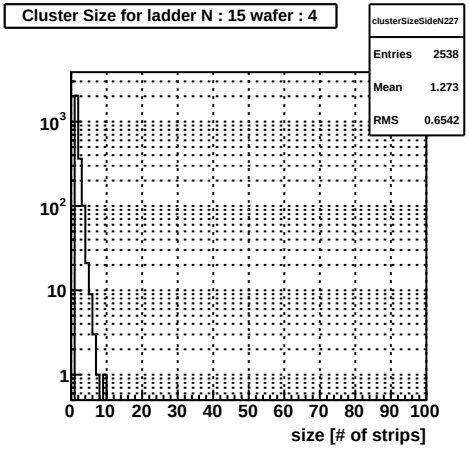

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

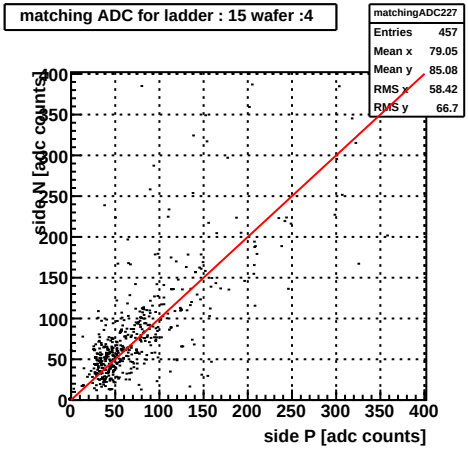

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

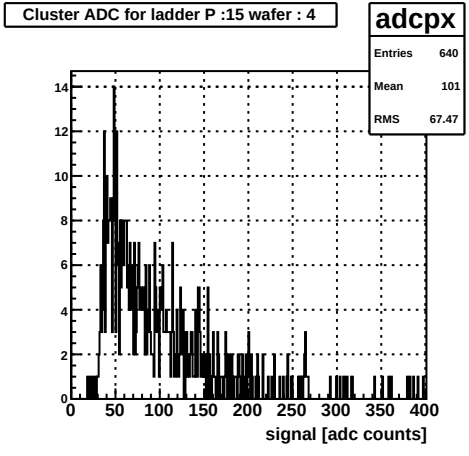

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1305
Mean 66.21
RMS 64.12
signal [adc counts]

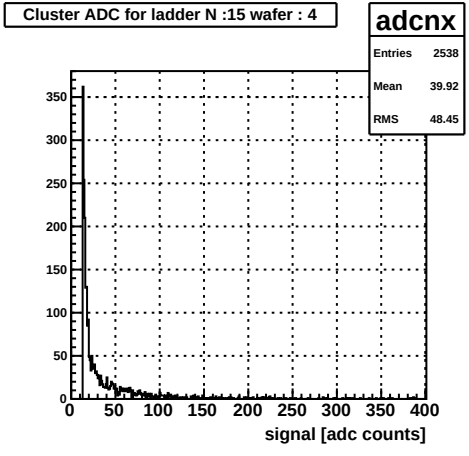

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

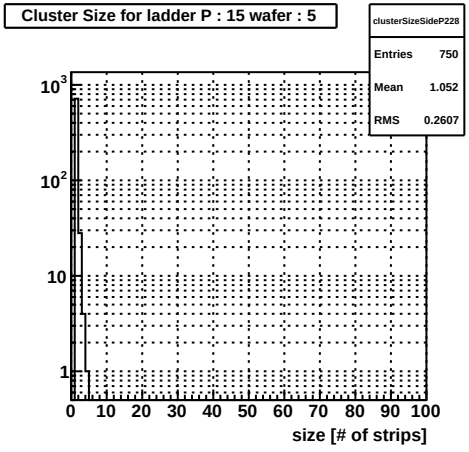

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 640
Mean 1.322
RMS 0.6296
size [# of strips]

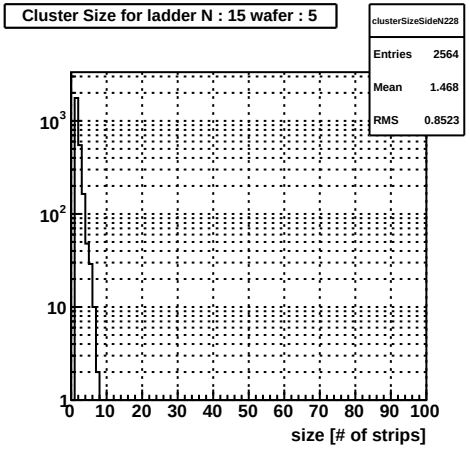

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2538
Mean 1.273
RMS 0.6542
size [# of strips]

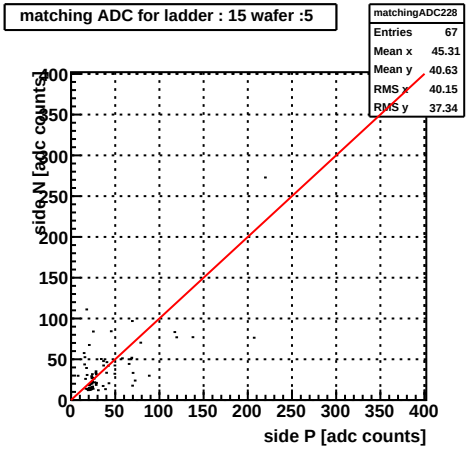

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 457
Mean x 79.05
Mean y 85.08
RMS x 58.42
RMS y 66.7
side N [adc counts]
side P [adc counts]

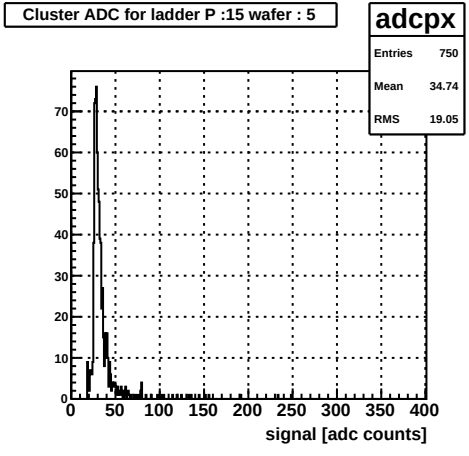

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 640
Mean 101
RMS 67.47
signal [adc counts]

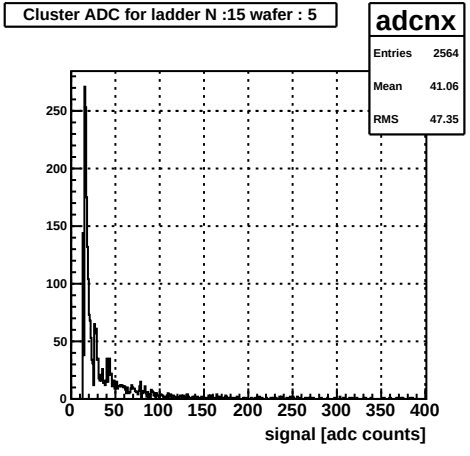

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2538
Mean 39.92
RMS 48.45
signal [adc counts]

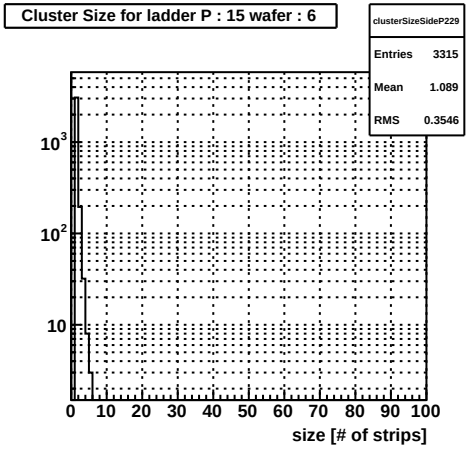

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 750
Mean 1.052
RMS 0.2607
size [# of strips]

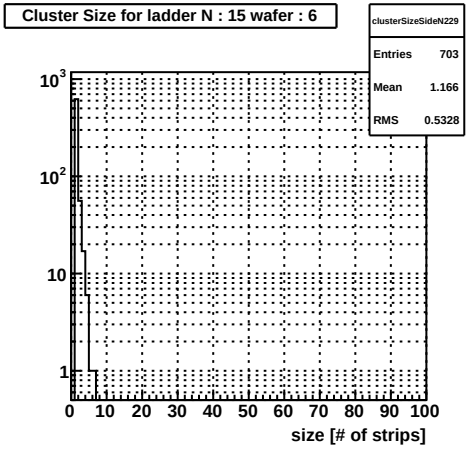

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2564
Mean 1.468
RMS 0.8523
size [# of strips]

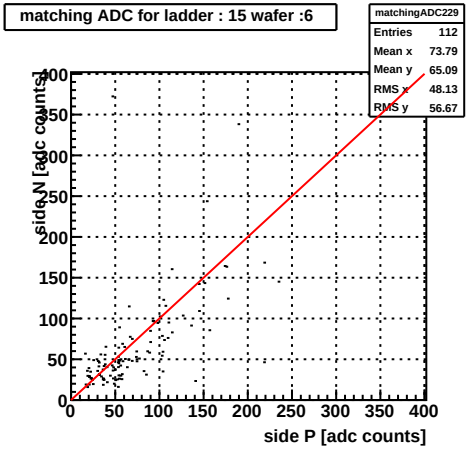

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 67
Mean x 45.31
Mean y 40.63
RMS x 40.15
RMS y 37.34
side N [adc counts]
side P [adc counts]

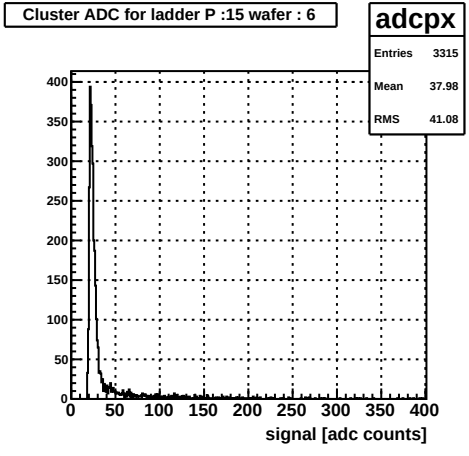

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 750
Mean 34.74
RMS 19.05
signal [adc counts]

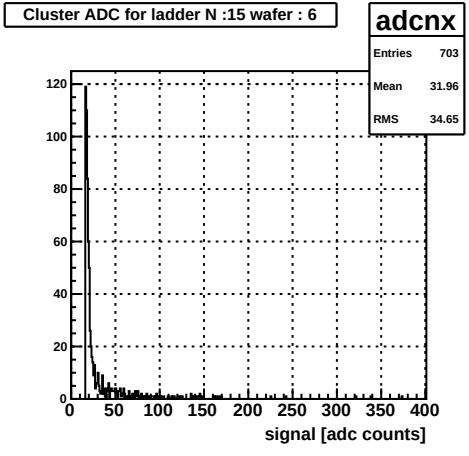

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2564
Mean 41.06
RMS 47.35
signal [adc counts]

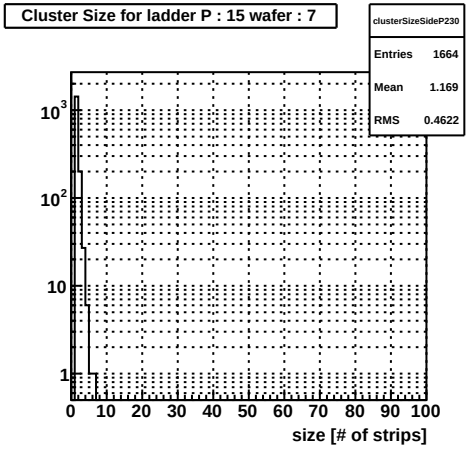

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 3315
Mean 1.089
RMS 0.3546
size [# of strips]

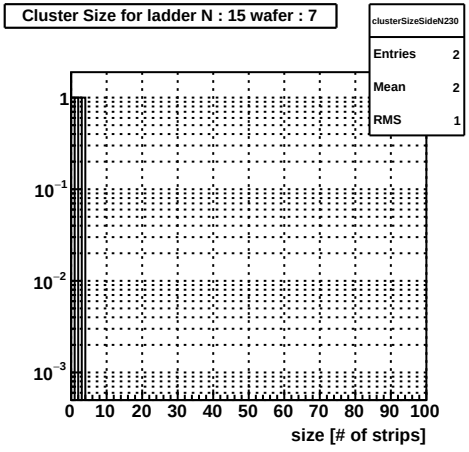

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 703
Mean 1.166
RMS 0.5328
size [# of strips]

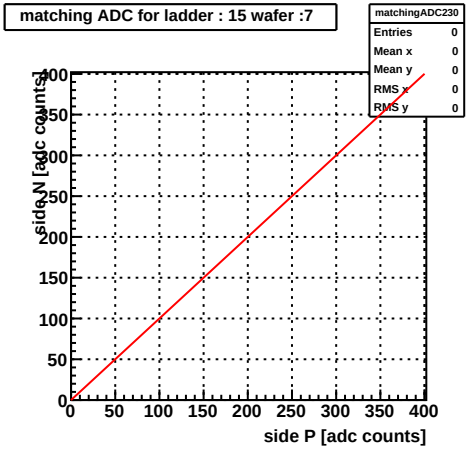

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 112
Mean x 73.79
Mean y 65.09
RMS x 48.13
RMS y 56.67
side N [adc counts]
side P [adc counts]

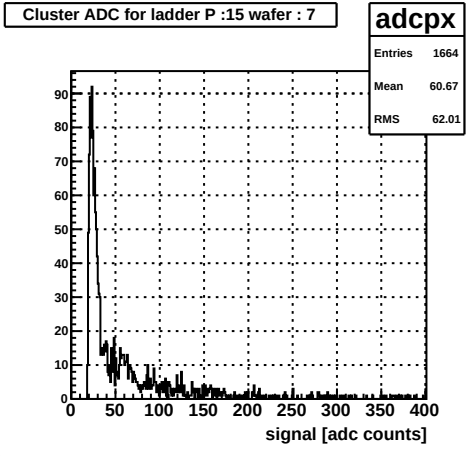

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 3315
Mean 37.98
RMS 41.08
signal [adc counts]

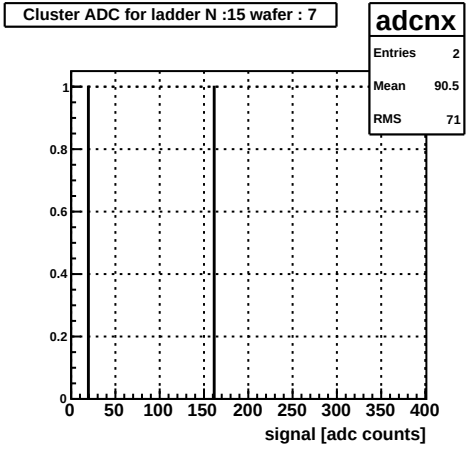

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 703
Mean 31.96
RMS 34.65
signal [adc counts]

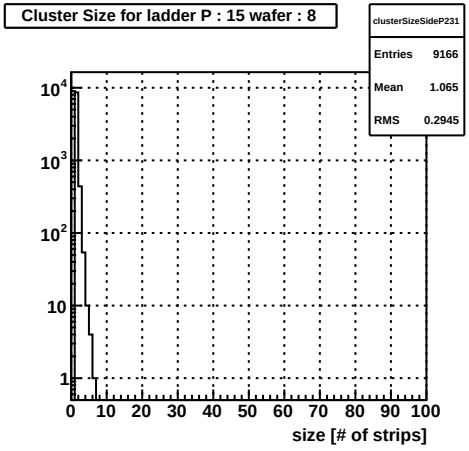

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1664
Mean 1.169
RMS 0.4622
size [# of strips]

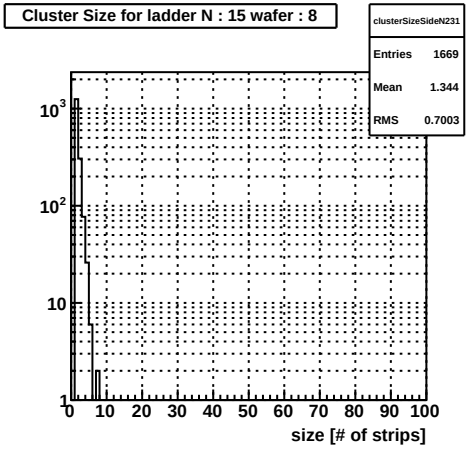

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2
Mean 2
RMS 1
size [# of strips]

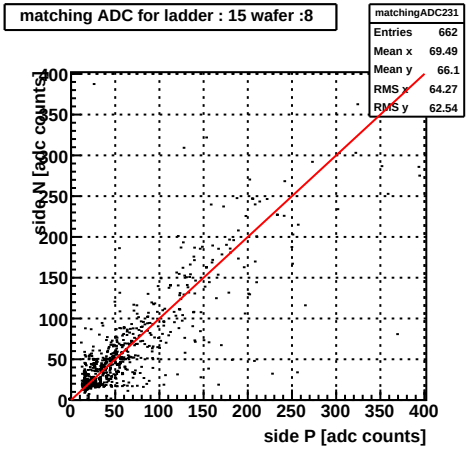

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

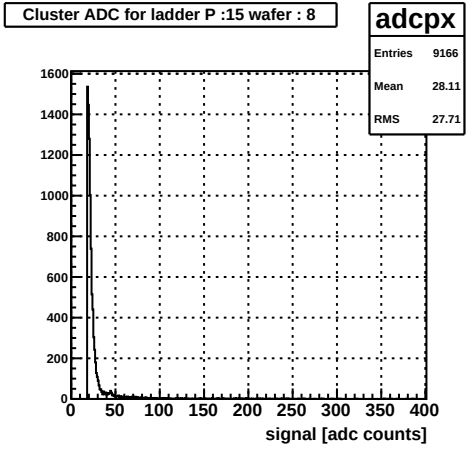

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1664
Mean 60.67
RMS 62.01
signal [adc counts]

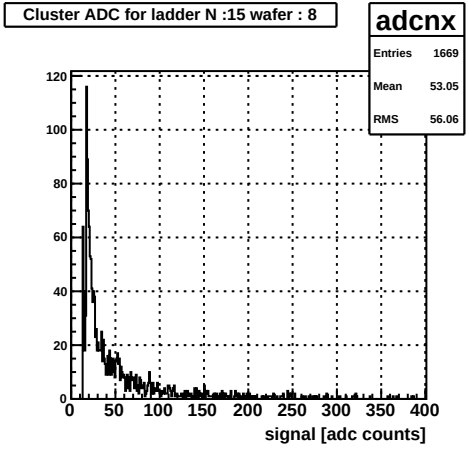

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2
Mean 90.5
RMS 71
signal [adc counts]

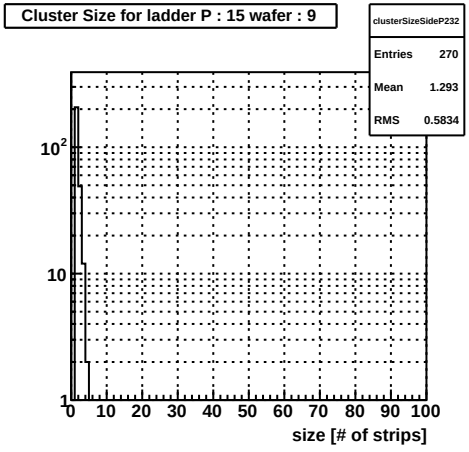

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 9166
Mean 1.065
RMS 0.2945
size [# of strips]

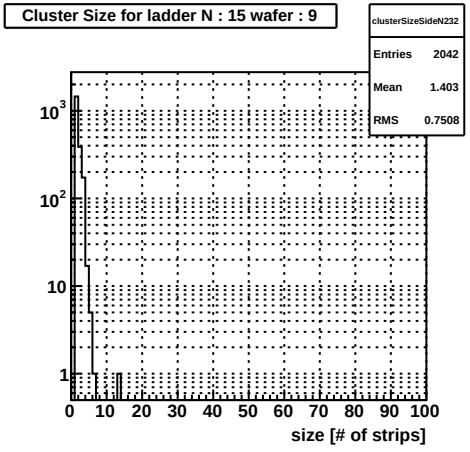

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1669
Mean 1.344
RMS 0.7003
size [# of strips]

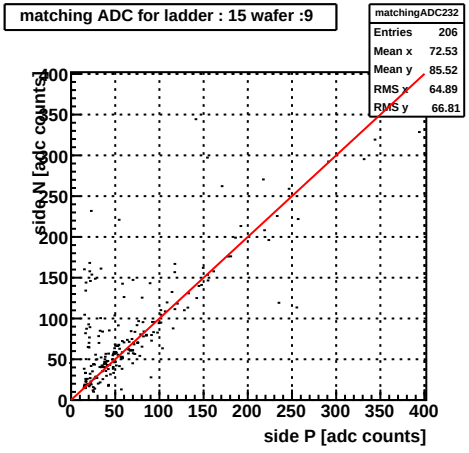

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 662
Mean x 69.49
Mean y 66.1
RMS x 64.27
RMS y 62.54
side N [adc counts]
side P [adc counts]

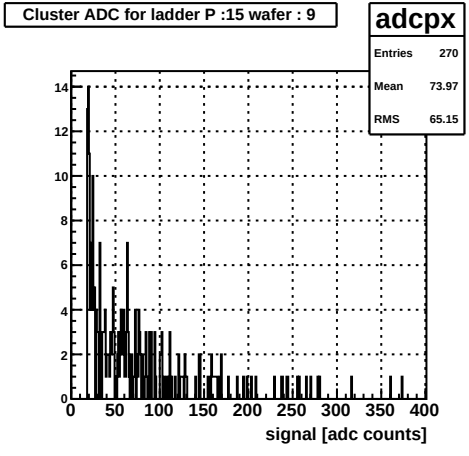

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 9166
Mean 28.11
RMS 27.71
signal [adc counts]

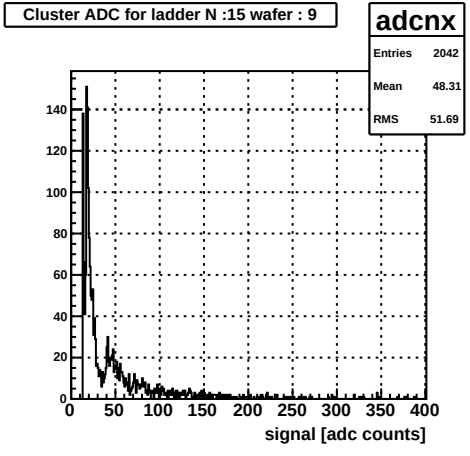

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1669
Mean 53.05
RMS 56.06
signal [adc counts]

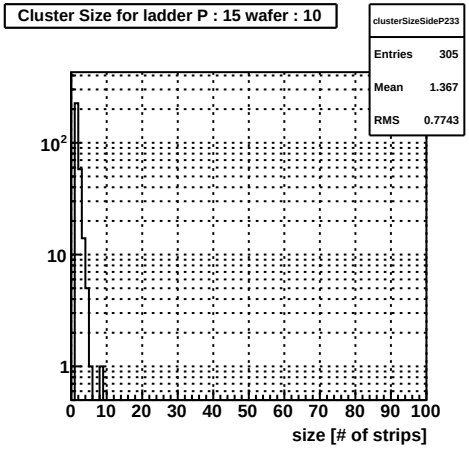

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 270
Mean 1.293
RMS 0.5834
size [# of strips]

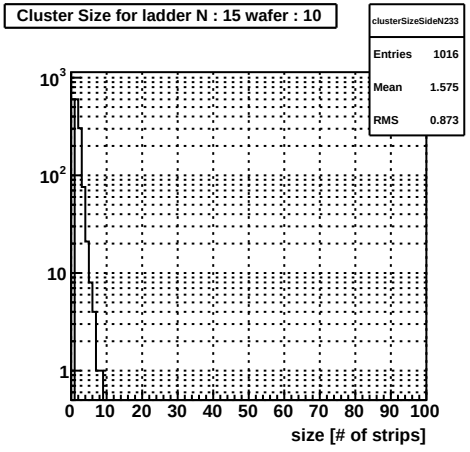

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2042
Mean 1.403
RMS 0.7508
size [# of strips]

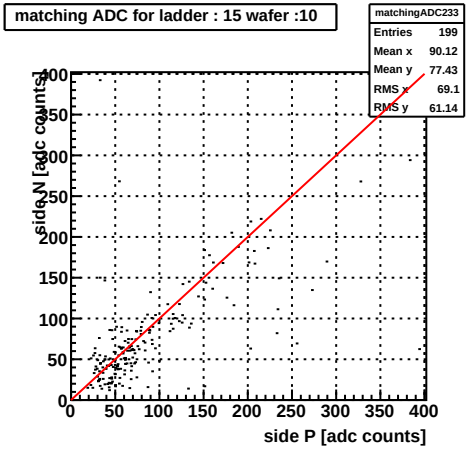

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 206
Mean x 72.53
Mean y 85.52
RMS x 64.89
RMS y 66.81
side N [adc counts]
side P [adc counts]

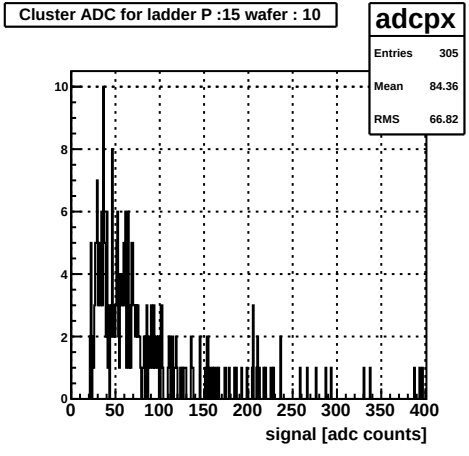

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 270
Mean 73.97
RMS 65.15
signal [adc counts]

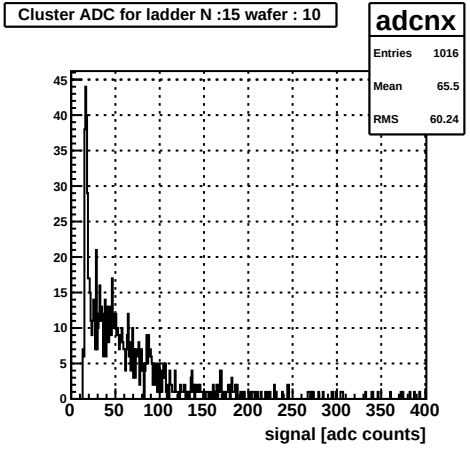

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2042
Mean 48.31
RMS 51.69
signal [adc counts]

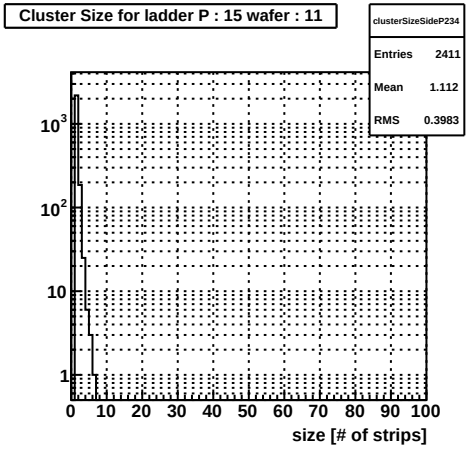

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 305
Mean 1.367
RMS 0.7743
size [# of strips]

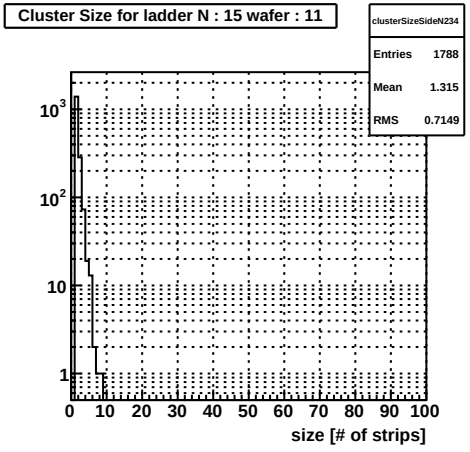

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1016
Mean 1.575
RMS 0.873
size [# of strips]

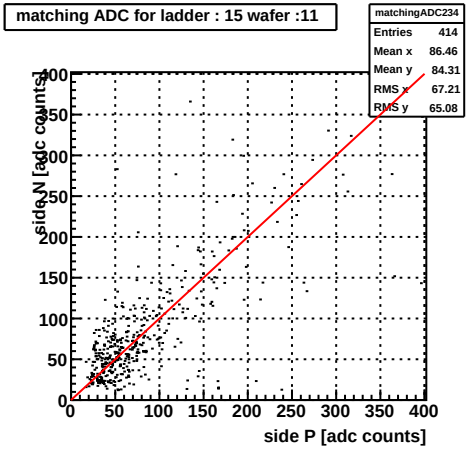

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 199
Mean x 90.12
Mean y 77.43
RMS x 69.1
RMS y 61.14
side N [adc counts]
side P [adc counts]

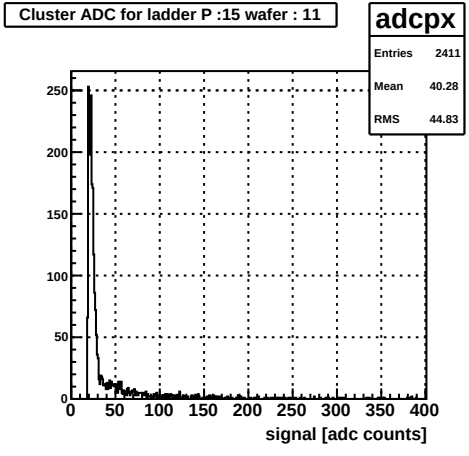

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 305
Mean 84.36
RMS 66.82
signal [adc counts]

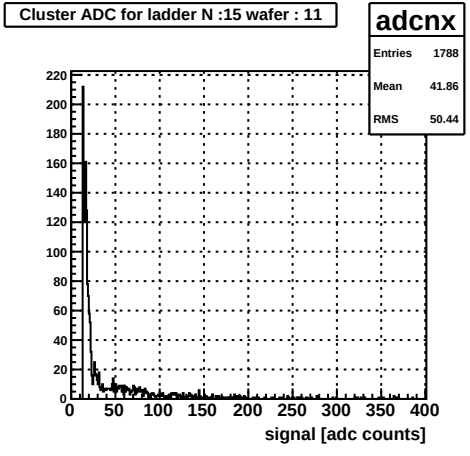

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1016
Mean 65.5
RMS 60.24
signal [adc counts]

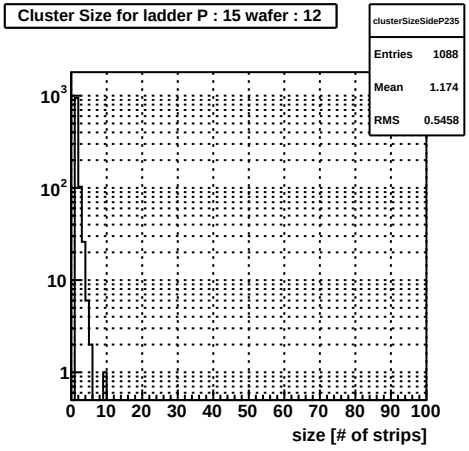

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 2411
Mean 1.112
RMS 0.3983
size [# of strips]

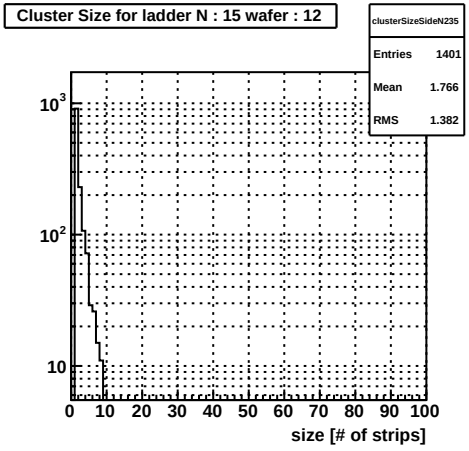

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 1788
Mean 1.315
RMS 0.7149
size [# of strips]

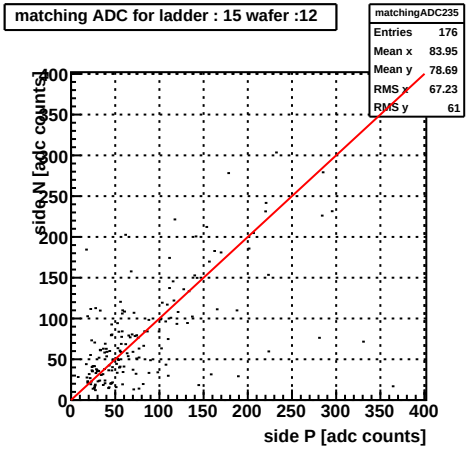

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 414
Mean x 86.46
Mean y 84.31
RMS x 67.21
RMS y 65.08
side N [adc counts]
side P [adc counts]

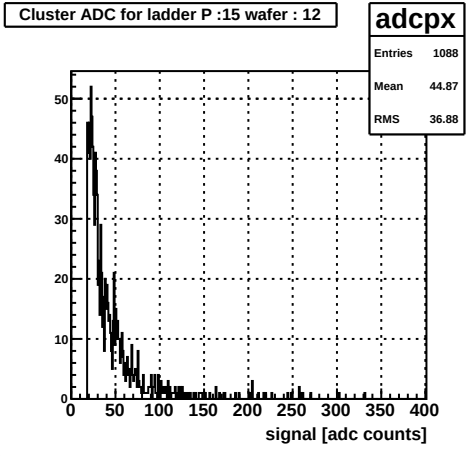

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 2411
Mean 40.28
RMS 44.83
signal [adc counts]

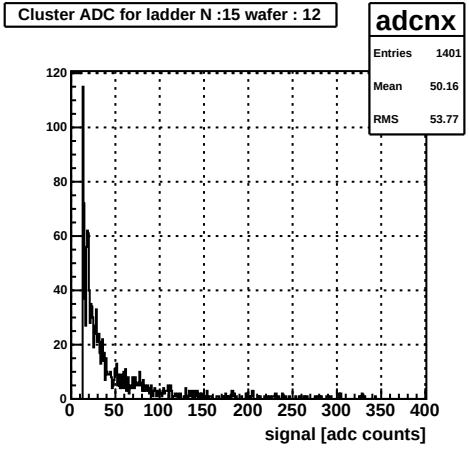

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 1788
Mean 41.86
RMS 50.44
signal [adc counts]

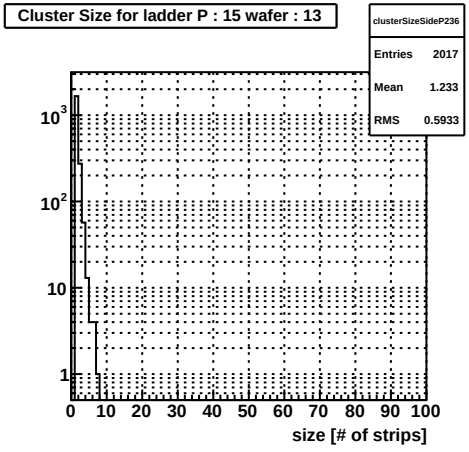

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1088
Mean 1.174
RMS 0.5458
size [# of strips]

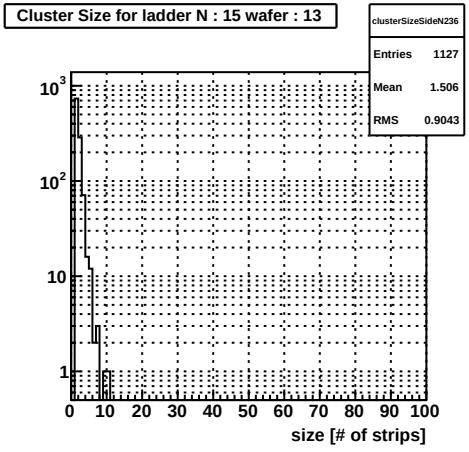

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1401
Mean 1.766
RMS 1.382
size [# of strips]

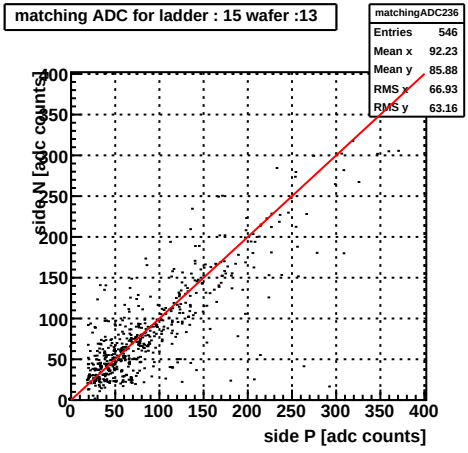

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 176
Mean x 83.95
Mean y 78.69
RMS x 67.23
RMS y 61
side N [adc counts]
side P [adc counts]

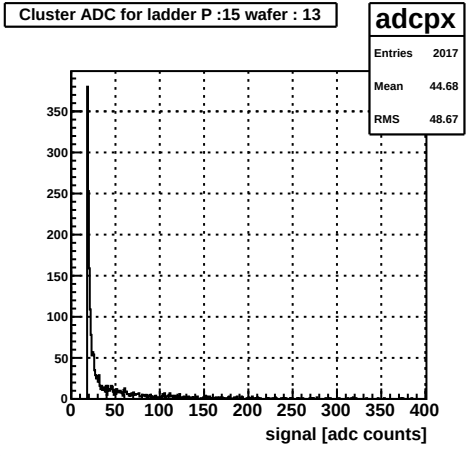

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1088
Mean 44.87
RMS 36.88
signal [adc counts]

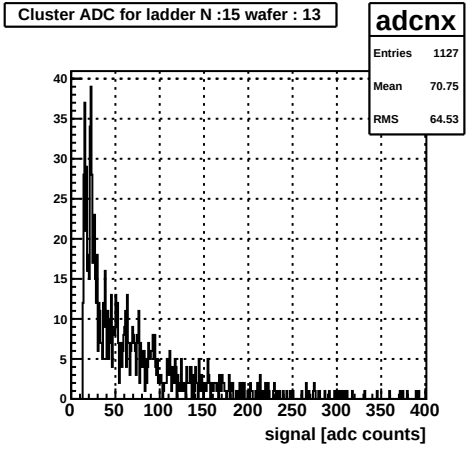

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1401
Mean 50.16
RMS 53.77
signal [adc counts]

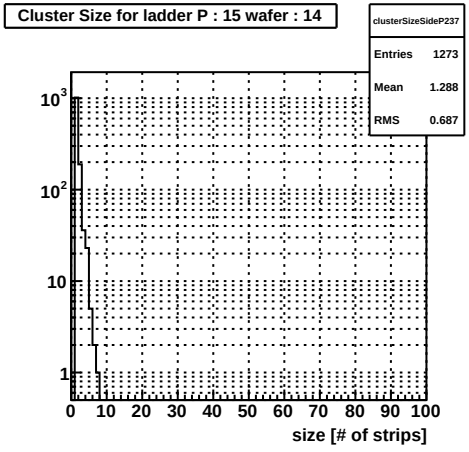

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2017
Mean 1.233
RMS 0.5933
size [# of strips]

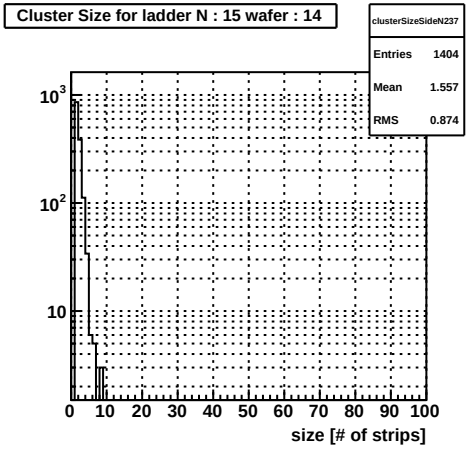

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1127
Mean 1.506
RMS 0.9043
size [# of strips]

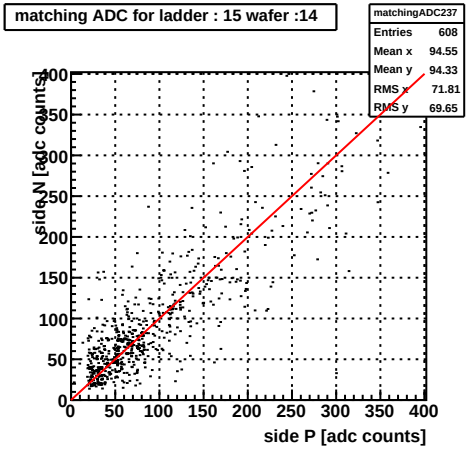

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 546
Mean x 92.23
Mean y 85.88
RMS x 66.93
RMS y 63.16
side N [adc counts]
side P [adc counts]

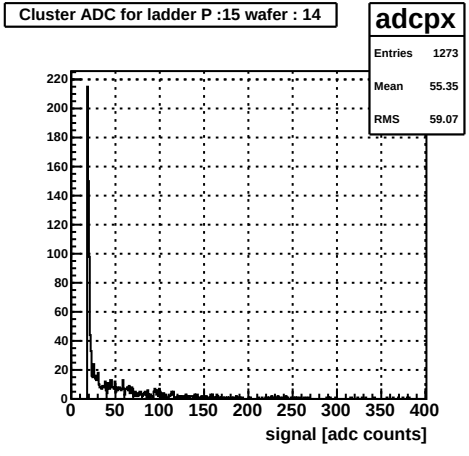

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2017
Mean 44.68
RMS 48.67
signal [adc counts]

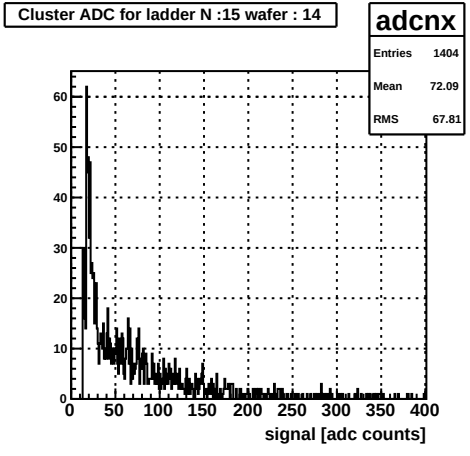

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1127
Mean 70.75
RMS 64.53
signal [adc counts]

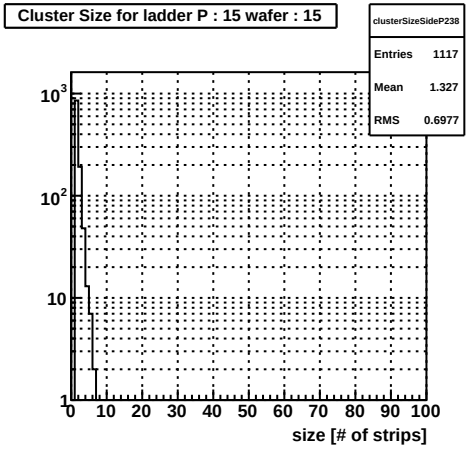

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1273
Mean 1.288
RMS 0.687
size [# of strips]

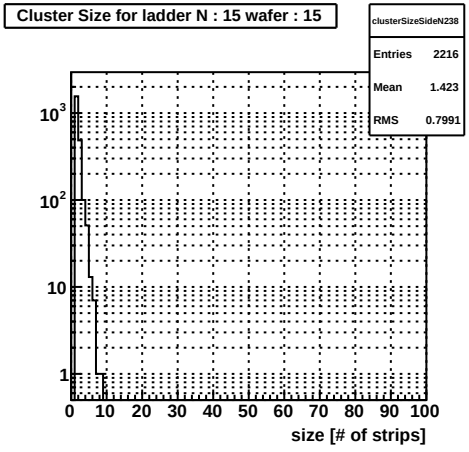

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1404
Mean 1.557
RMS 0.874
size [# of strips]

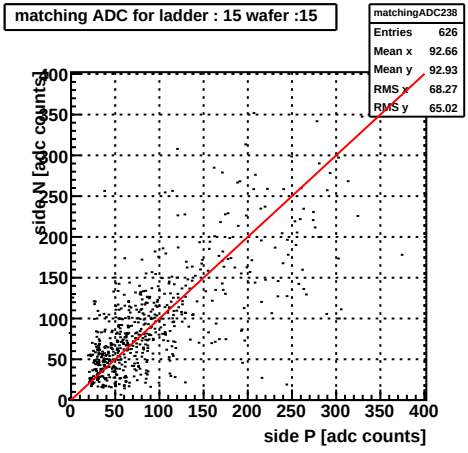

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 608
Mean x 94.55
Mean y 94.33
RMS x 71.81
RMS y 69.65
side N [adc counts]
side P [adc counts]

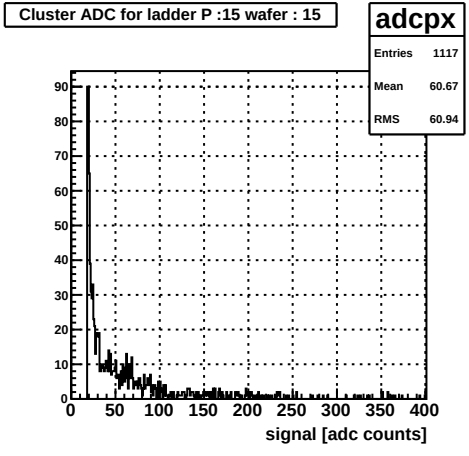

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1273
Mean 55.35
RMS 59.07
signal [adc counts]

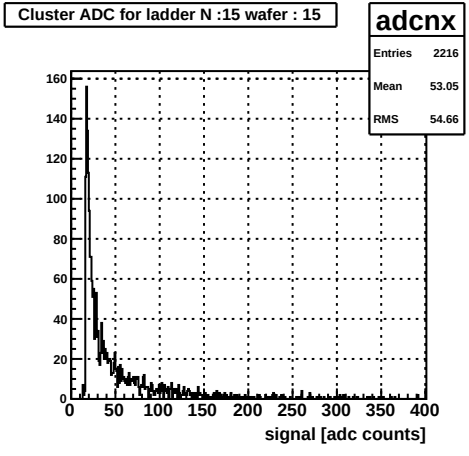

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1404
Mean 72.09
RMS 67.81
signal [adc counts]

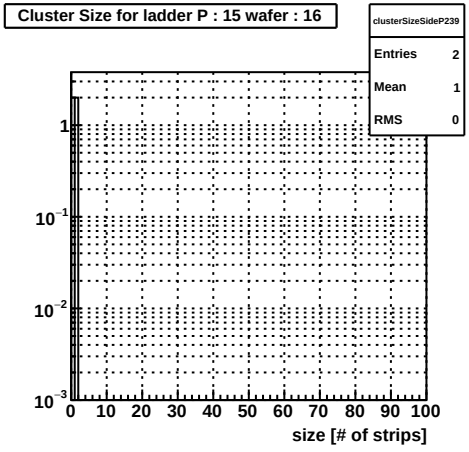

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1117
Mean 1.327
RMS 0.6977
size [# of strips]

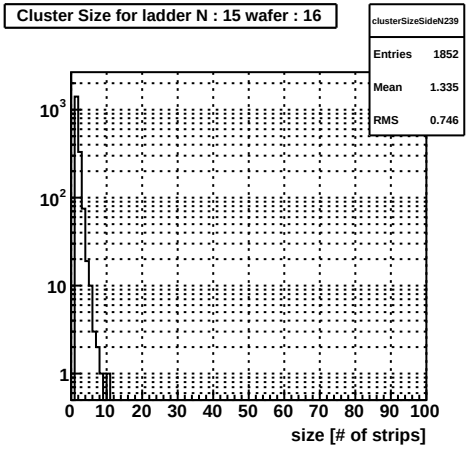

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 2216
Mean 1.423
RMS 0.7991
size [# of strips]

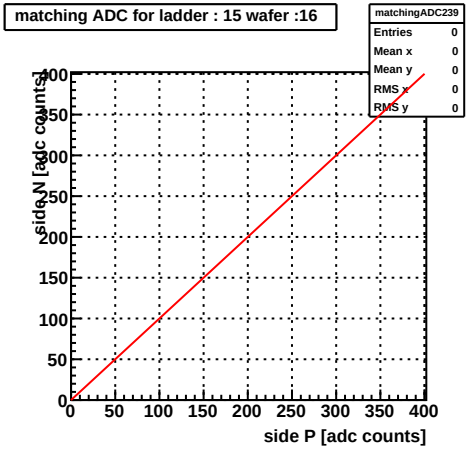

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 626
Mean x 92.66
Mean y 92.93
RMS x 68.27
RMS y 65.02
side N [adc counts]
side P [adc counts]

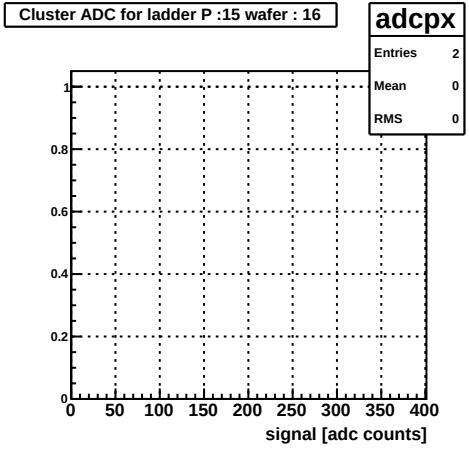

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1117
Mean 60.67
RMS 60.94
signal [adc counts]

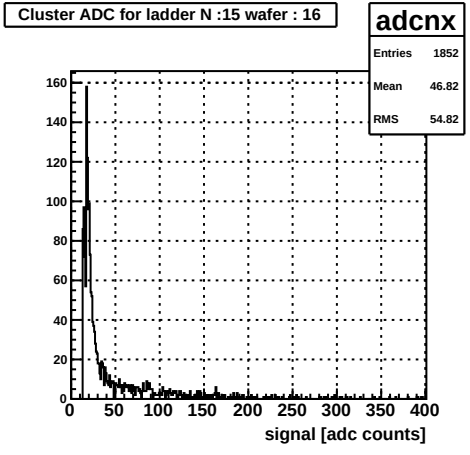

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 2216
Mean 53.05
RMS 54.66
signal [adc counts]

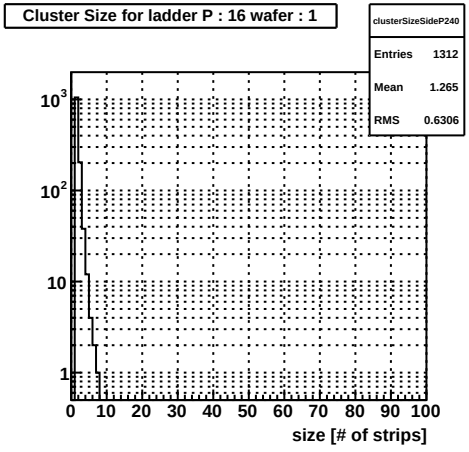

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1
RMS 0
size [# of strips]

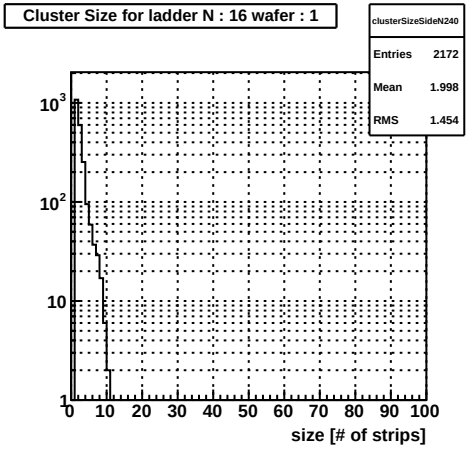

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1852
Mean 1.335
RMS 0.746
size [# of strips]

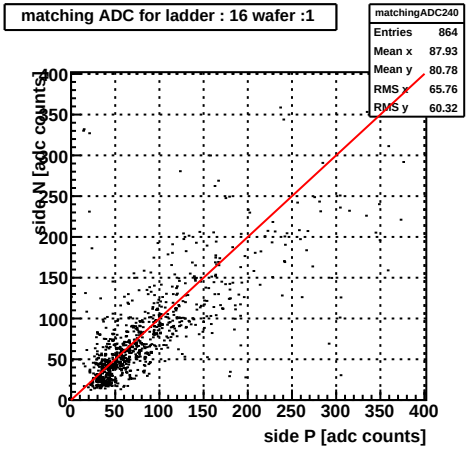

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

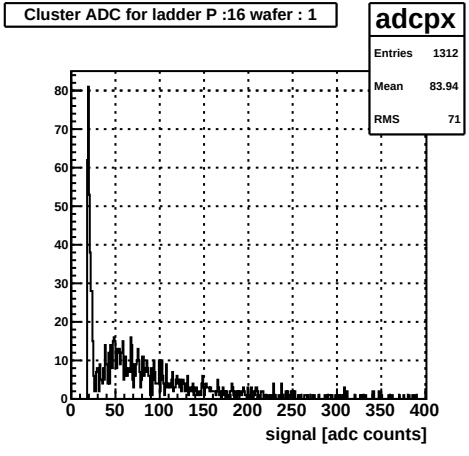

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

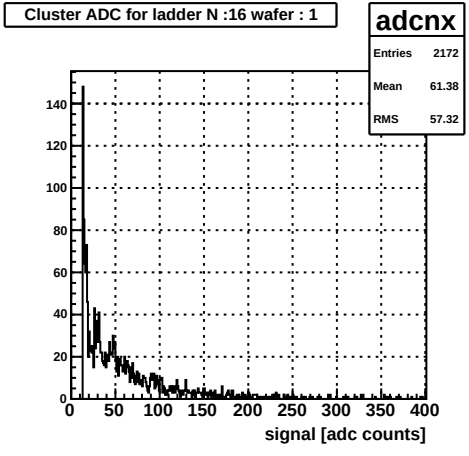

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1852
Mean 46.82
RMS 54.82
signal [adc counts]

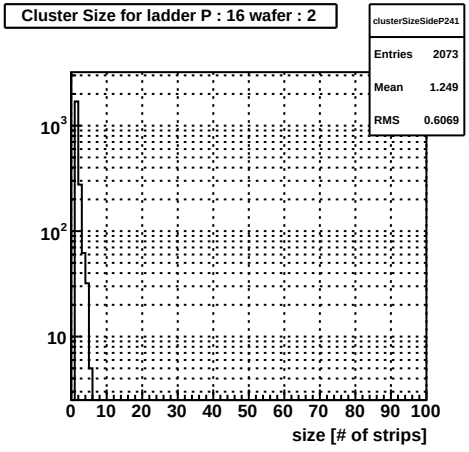

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1312
Mean 1.265
RMS 0.6306
size [# of strips]

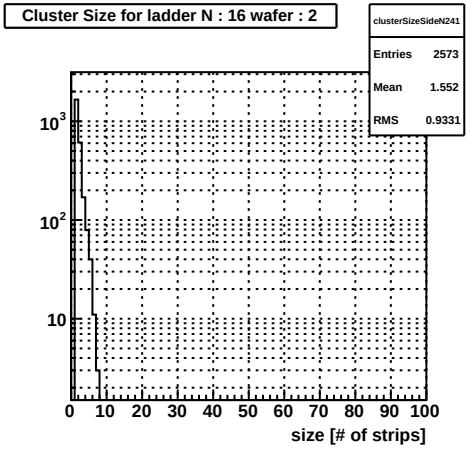

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2172
Mean 1.998
RMS 1.454
size [# of strips]

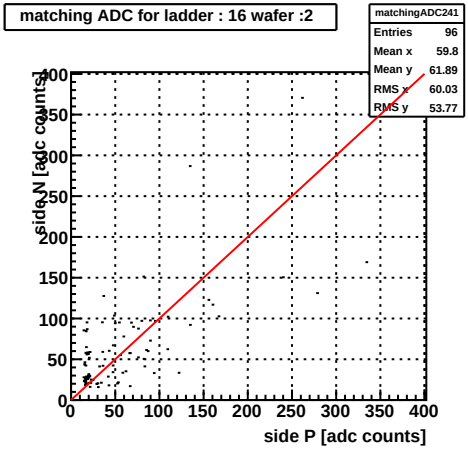

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 864
Mean x 87.93
Mean y 80.78
RMS x 65.76
RMS y 60.32
side N [adc counts]
side P [adc counts]

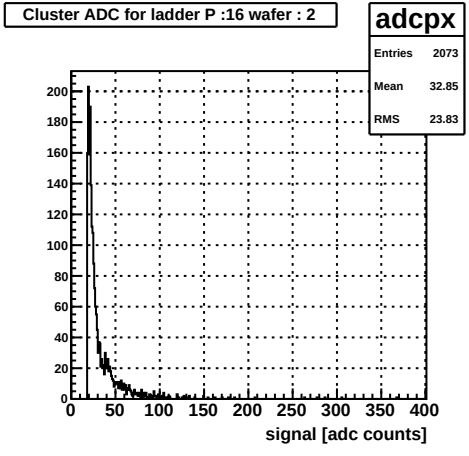

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1312
Mean 83.94
RMS 71
signal [adc counts]

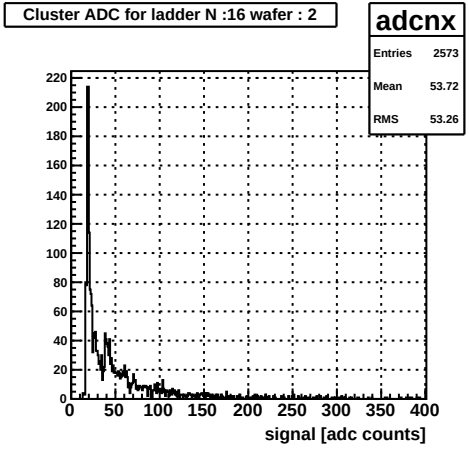

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2172
Mean 61.38
RMS 57.32
signal [adc counts]

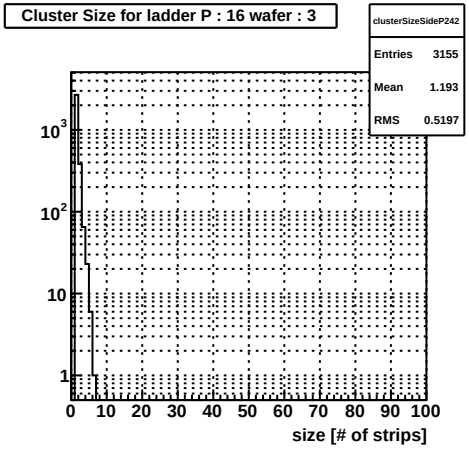

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 2073
Mean 1.249
RMS 0.6069
size [# of strips]

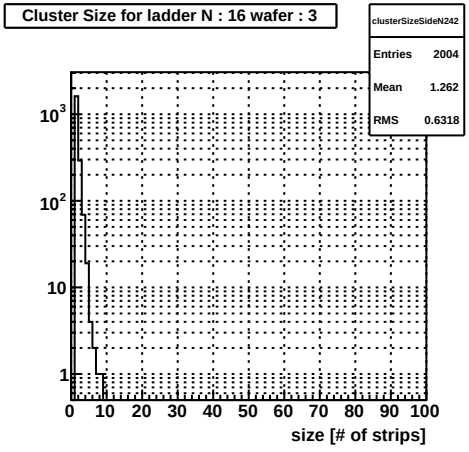

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 2573
Mean 1.552
RMS 0.9331
size [# of strips]

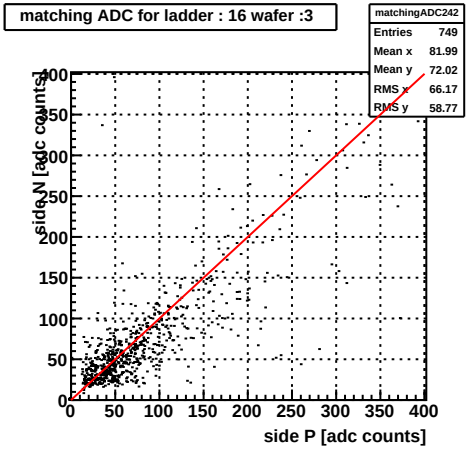

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 96
Mean x 59.8
Mean y 61.89
RMS x 60.03
RMS y 53.77
side N [adc counts]
side P [adc counts]

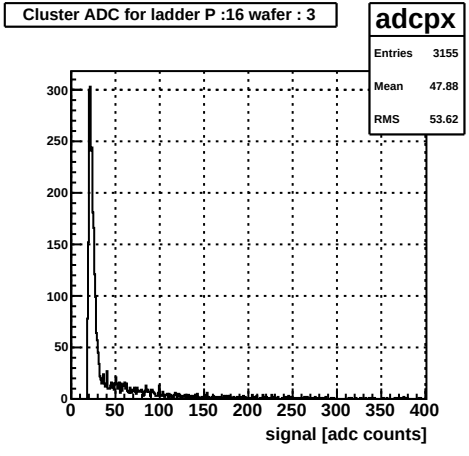

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 2073
Mean 32.85
RMS 23.83
signal [adc counts]

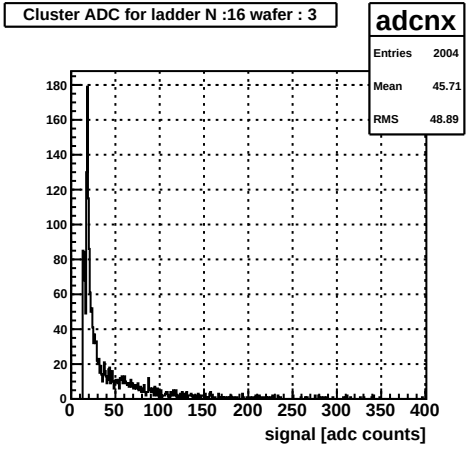

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 2573
Mean 53.72
RMS 53.26
signal [adc counts]

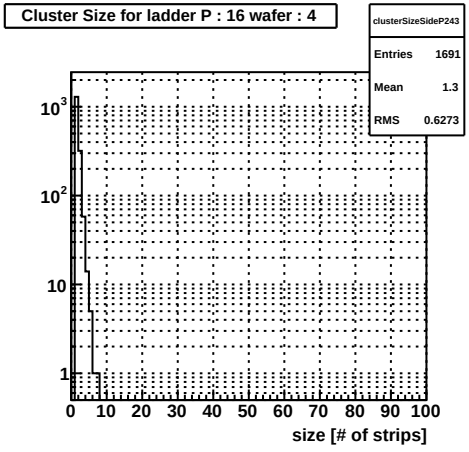

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 3155
Mean 1.193
RMS 0.5197
size [# of strips]

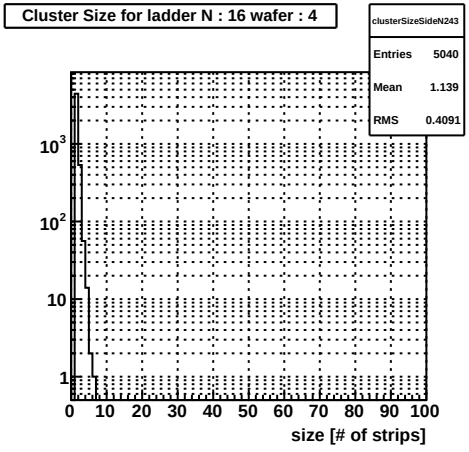

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 2004
Mean 1.262
RMS 0.6318
size [# of strips]

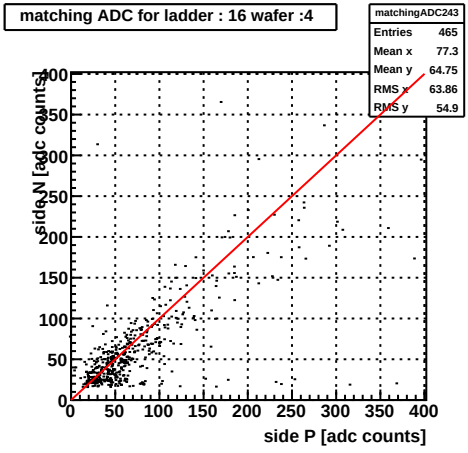

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 749
Mean x 81.99
Mean y 72.02
RMS x 66.17
RMS y 58.77
side N [adc counts]
side P [adc counts]

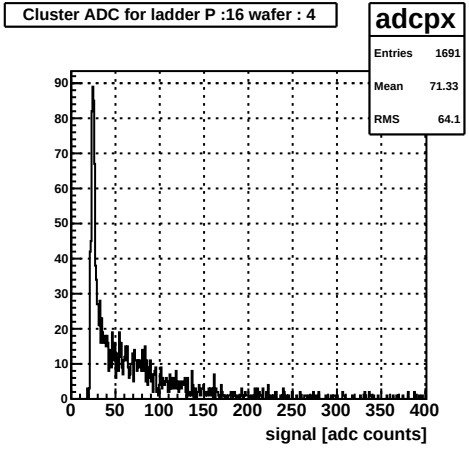

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 3155
Mean 47.88
RMS 53.62
signal [adc counts]

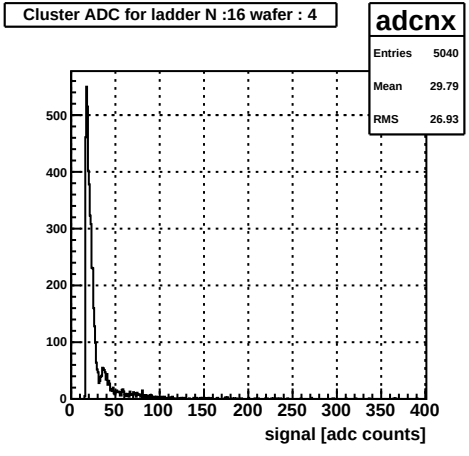

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 2004
Mean 45.71
RMS 48.89
signal [adc counts]

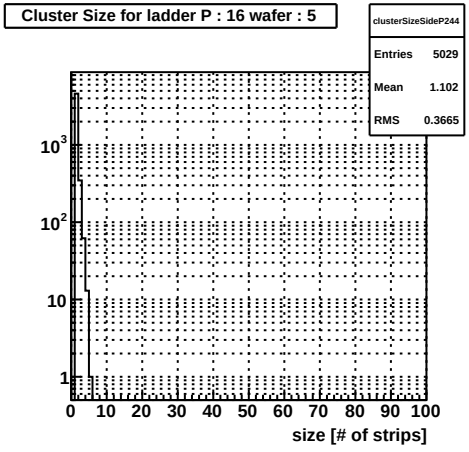

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 1691
Mean 1.3
RMS 0.6273
size [# of strips]

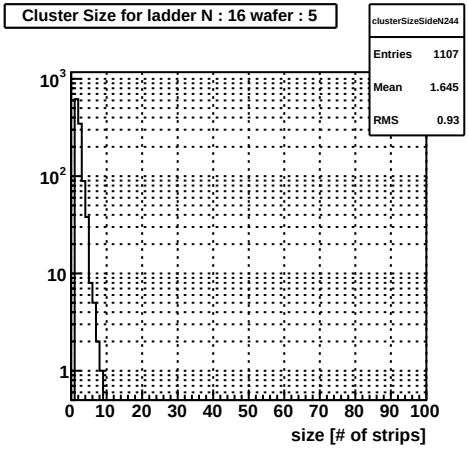

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 5040
Mean 1.139
RMS 0.4091
size [# of strips]

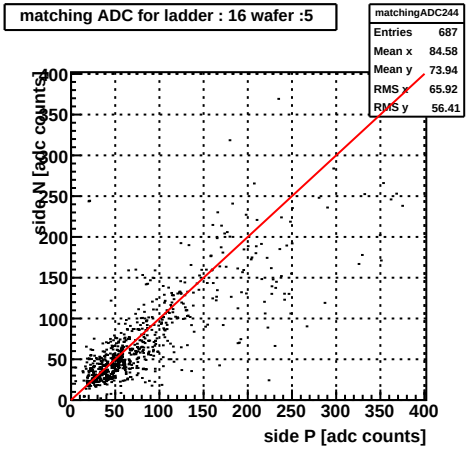

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 465
Mean x 77.3
Mean y 64.75
RMS x 63.86
RMS y 54.9
side N [adc counts]
side P [adc counts]

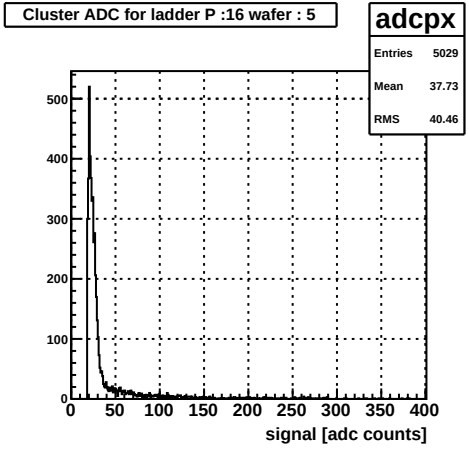

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 1691
Mean 71.33
RMS 64.1
signal [adc counts]

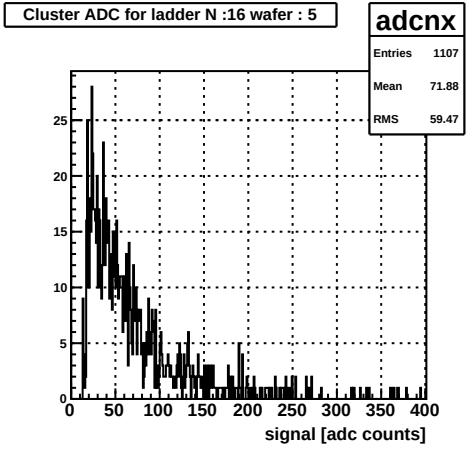

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 5040
Mean 29.79
RMS 26.93
signal [adc counts]

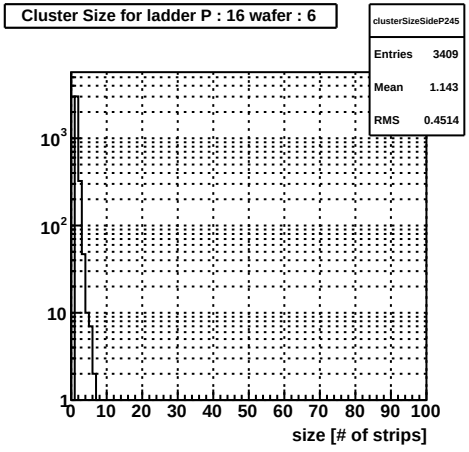

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 5029
Mean 1.102
RMS 0.3665
size [# of strips]

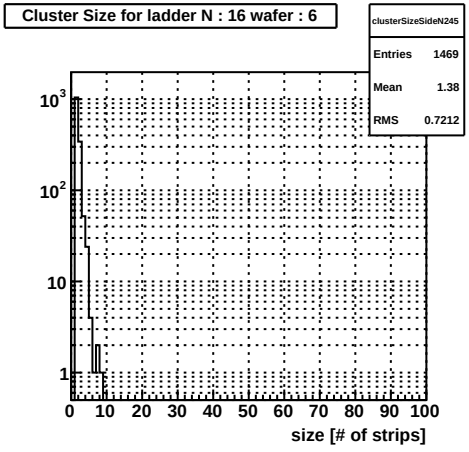

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1107
Mean 1.645
RMS 0.93
size [# of strips]

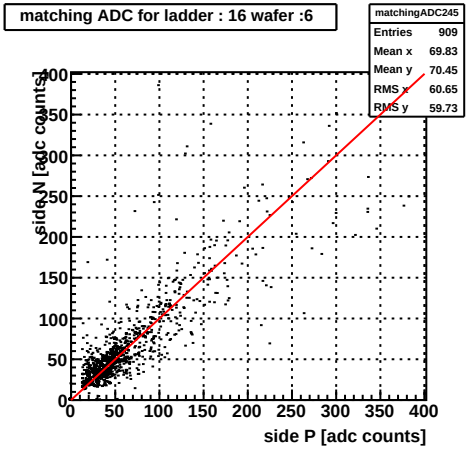

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 687
Mean x 84.58
Mean y 73.94
RMS x 65.92
RMS y 56.41
side N [adc counts]
side P [adc counts]

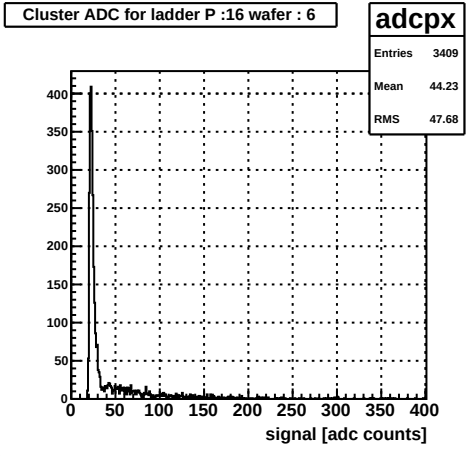

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 5029
Mean 37.73
RMS 40.46
signal [adc counts]

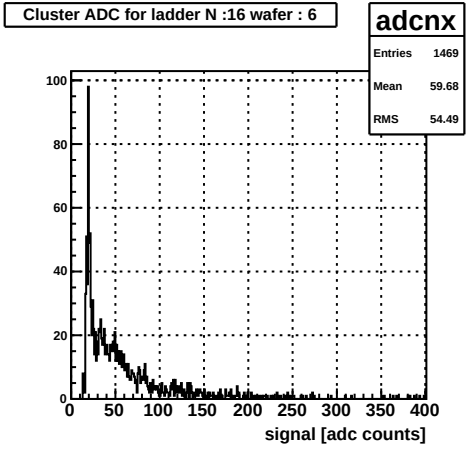

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1107
Mean 71.88
RMS 59.47
signal [adc counts]

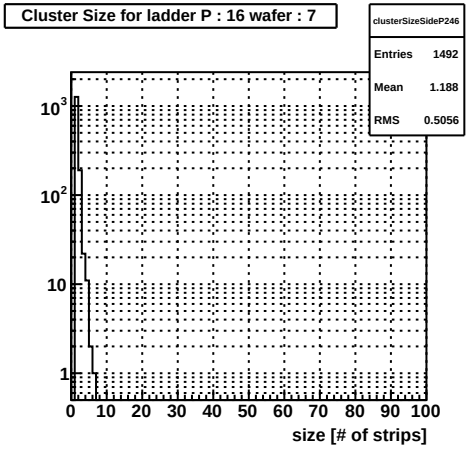

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 3409
Mean 1.143
RMS 0.4514
size [# of strips]

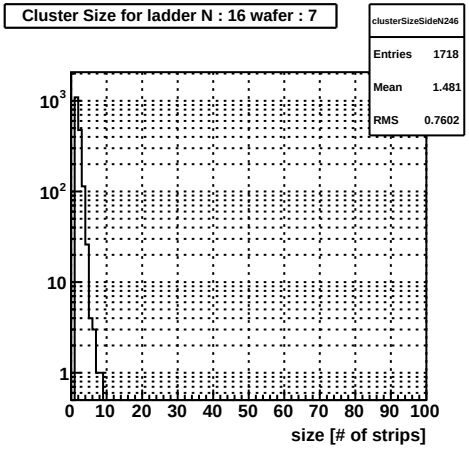

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1469
Mean 1.38
RMS 0.7212
size [# of strips]

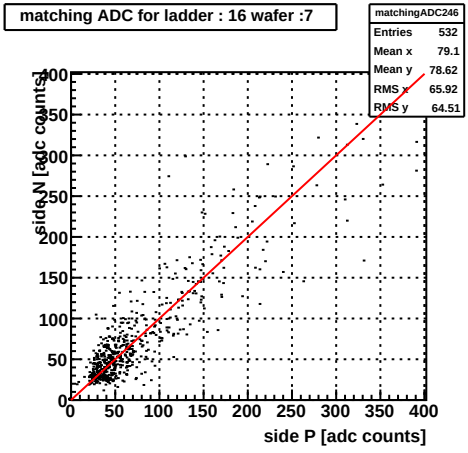

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 909
Mean x 69.83
Mean y 70.45
RMS x 60.65
RMS y 59.73
side N [adc counts]
side P [adc counts]

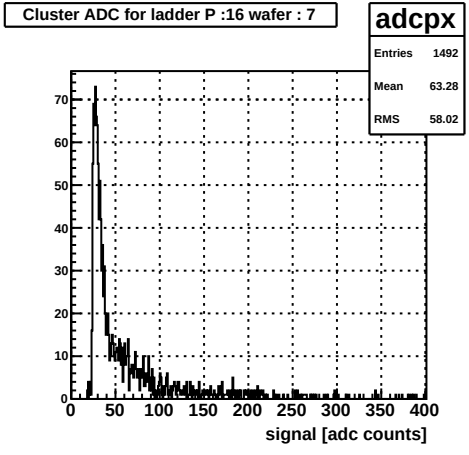

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 3409
Mean 44.23
RMS 47.68
signal [adc counts]

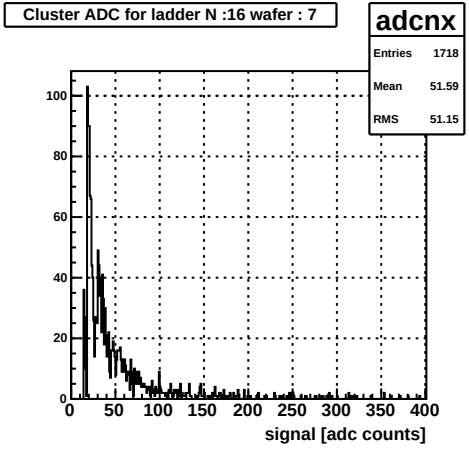

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1469
Mean 59.68
RMS 54.49
signal [adc counts]

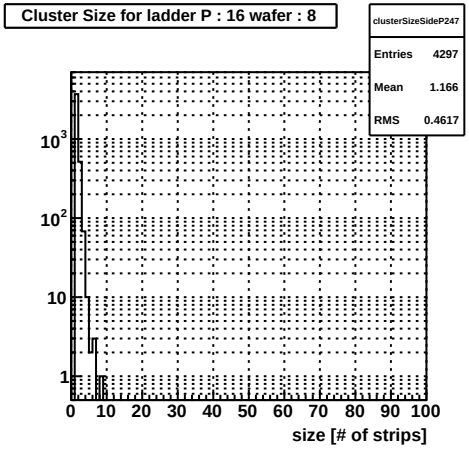

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 1492
Mean 1.188
RMS 0.5056
size [# of strips]

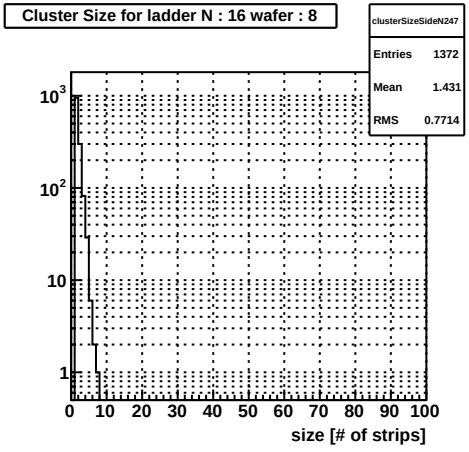

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1718
Mean 1.481
RMS 0.7602
size [# of strips]

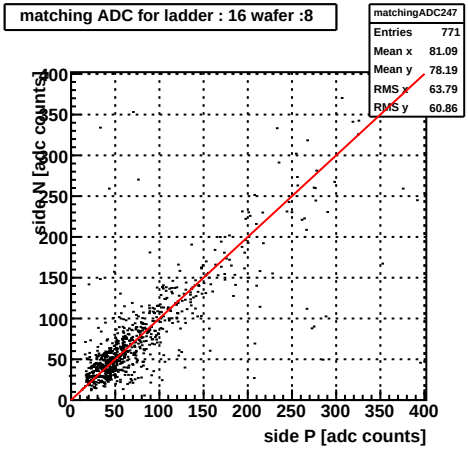

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 532
Mean x 79.1
Mean y 78.62
RMS x 65.92
RMS y 64.51
side N [adc counts]
side P [adc counts]

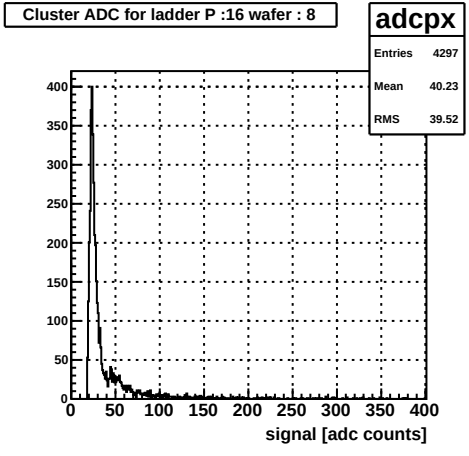

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 1492
Mean 63.28
RMS 58.02
signal [adc counts]

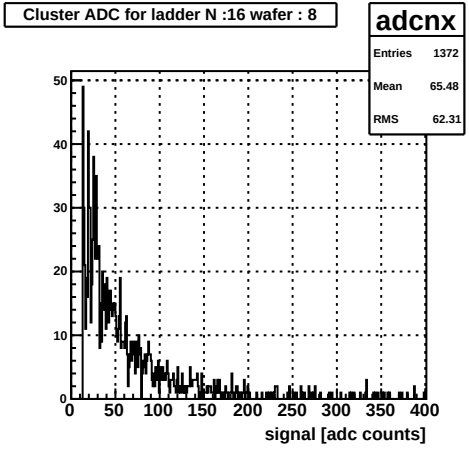

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1718
Mean 51.59
RMS 51.15
signal [adc counts]

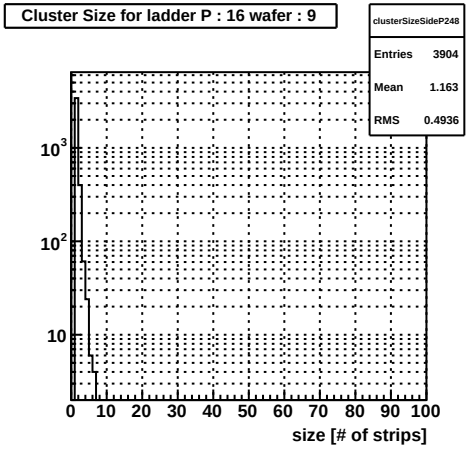

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 4297
Mean 1.166
RMS 0.4617
size [# of strips]

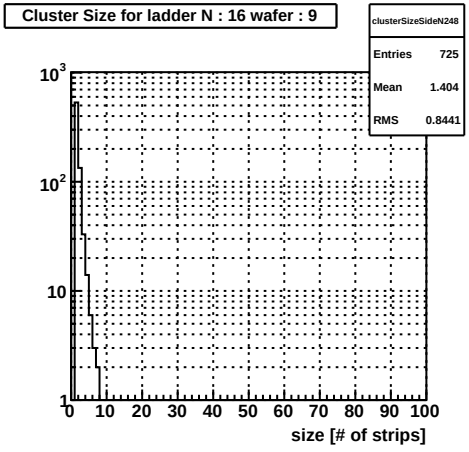

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1372
Mean 1.431
RMS 0.7714
size [# of strips]

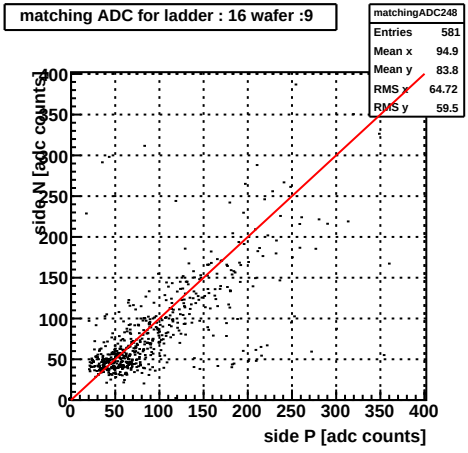

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 771
Mean x 81.09
Mean y 78.19
RMS x 63.79
RMS y 60.86
side N [adc counts]
side P [adc counts]

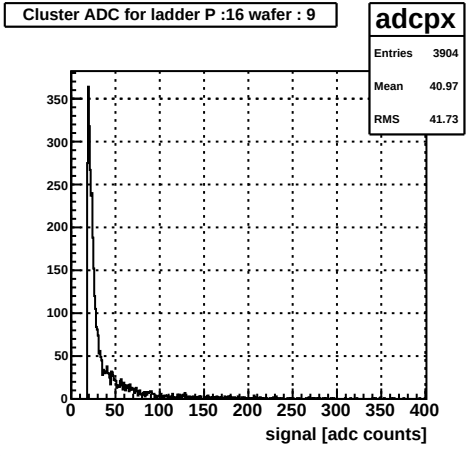

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 4297
Mean 40.23
RMS 39.52
signal [adc counts]

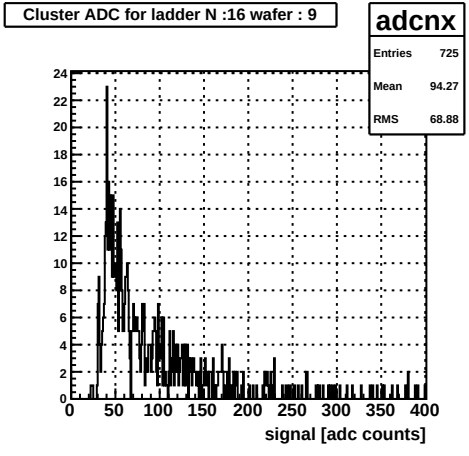

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1372
Mean 65.48
RMS 62.31
signal [adc counts]

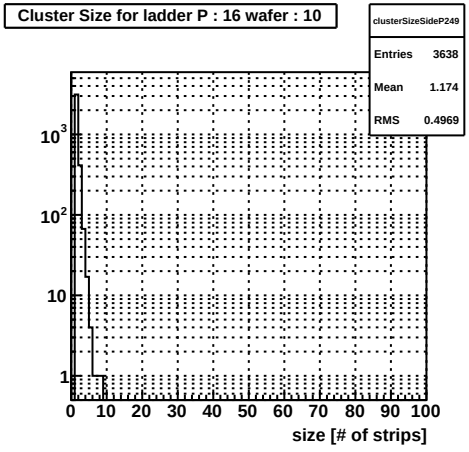

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 3904
Mean 1.163
RMS 0.4936
size [# of strips]

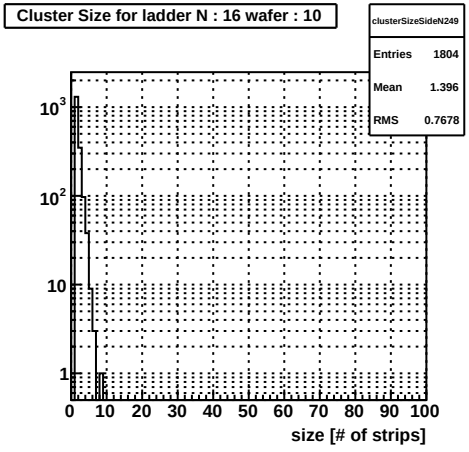

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 725
Mean 1.404
RMS 0.8441
size [# of strips]

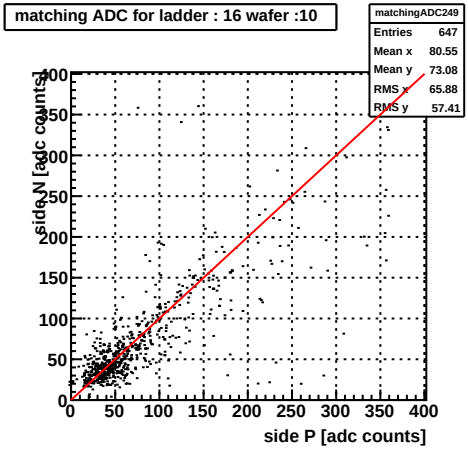

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 581
Mean x 94.9
Mean y 83.8
RMS x 64.72
RMS y 59.5
side N [adc counts]
side P [adc counts]

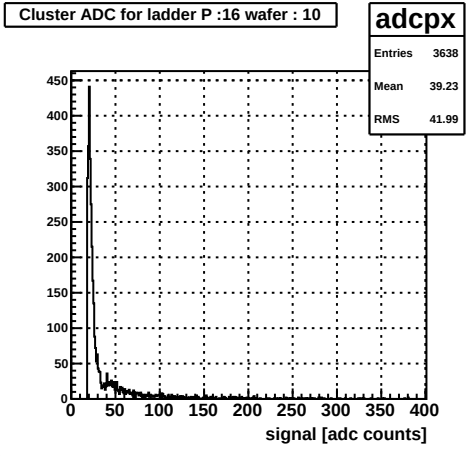

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 3904
Mean 40.97
RMS 41.73
signal [adc counts]

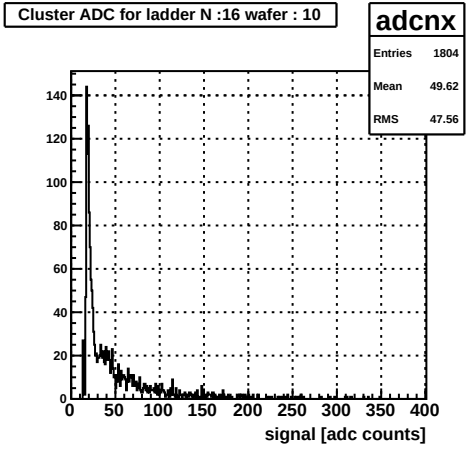

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 725
Mean 94.27
RMS 68.88
signal [adc counts]

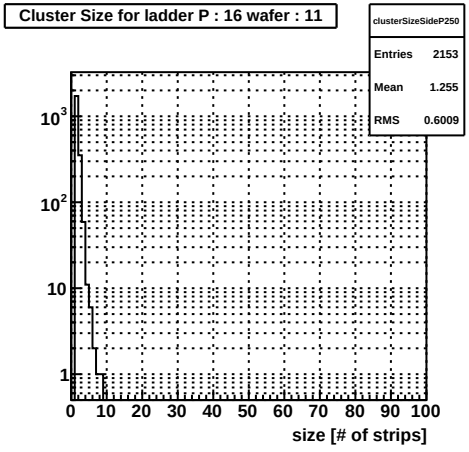

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 3638
Mean 1.174
RMS 0.4969
size [# of strips]

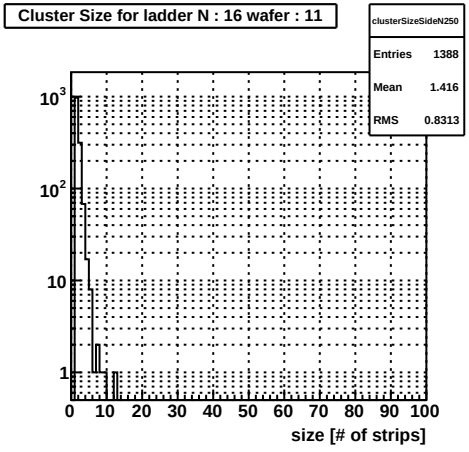

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1804
Mean 1.396
RMS 0.7678
size [# of strips]

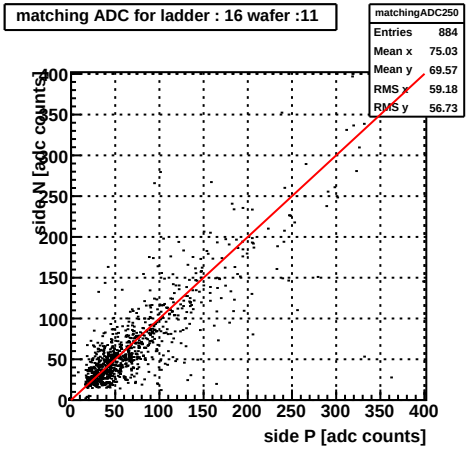

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 647
Mean x 80.55
Mean y 73.08
RMS x 65.88
RMS y 57.41
side N [adc counts]
side P [adc counts]

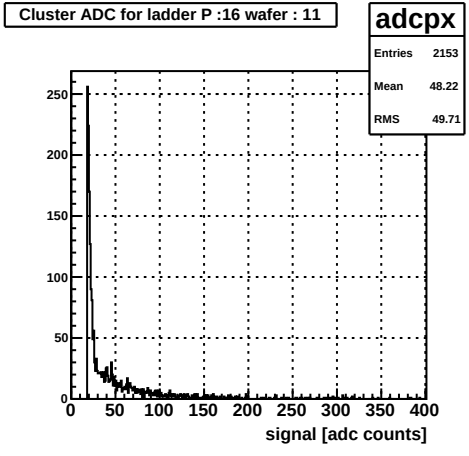

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 3638
Mean 39.23
RMS 41.99
signal [adc counts]

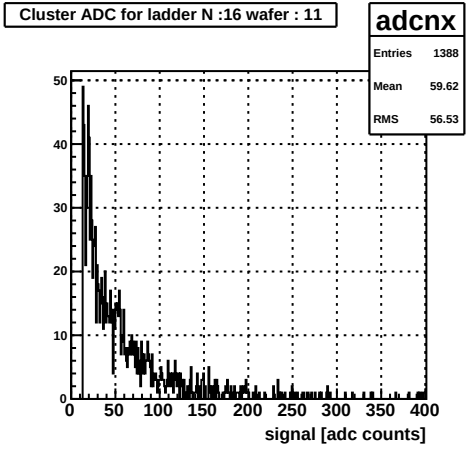

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1804
Mean 49.62
RMS 47.56
signal [adc counts]

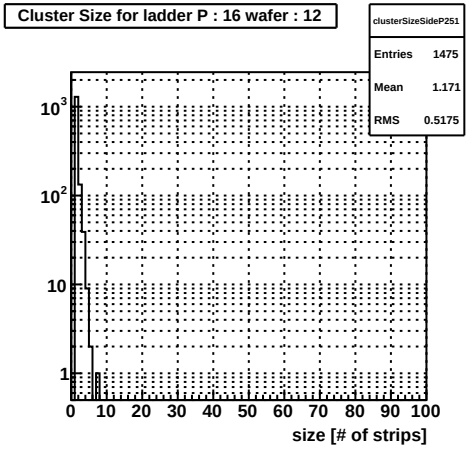

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2153
Mean 1.255
RMS 0.6009
size [# of strips]

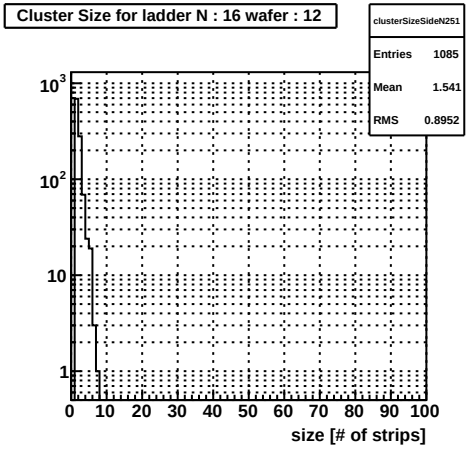

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1388
Mean 1.416
RMS 0.8313
size [# of strips]

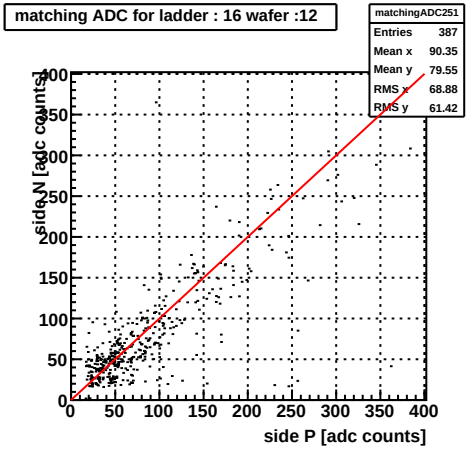

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 884
Mean x 75.03
Mean y 69.57
RMS x 59.18
RMS y 56.73
side N [adc counts]
side P [adc counts]

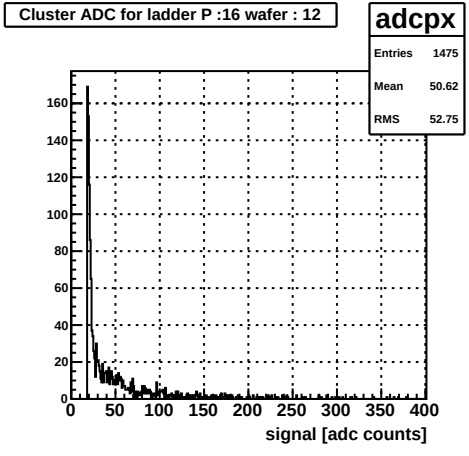

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2153
Mean 48.22
RMS 49.71
signal [adc counts]

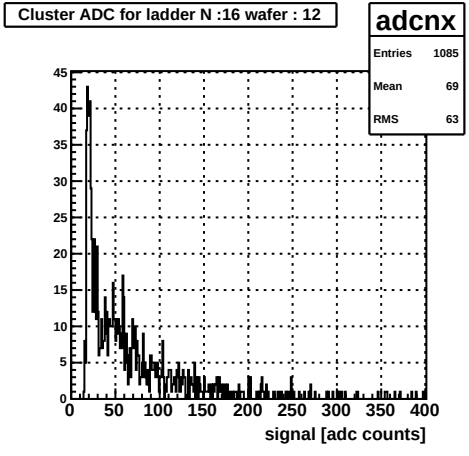

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1388
Mean 59.62
RMS 56.53
signal [adc counts]

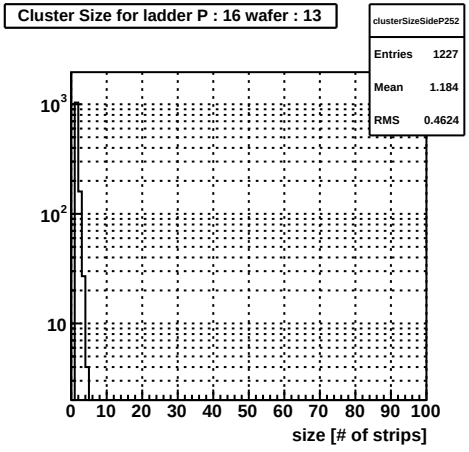

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1475
Mean 1.171
RMS 0.5175
size [# of strips]

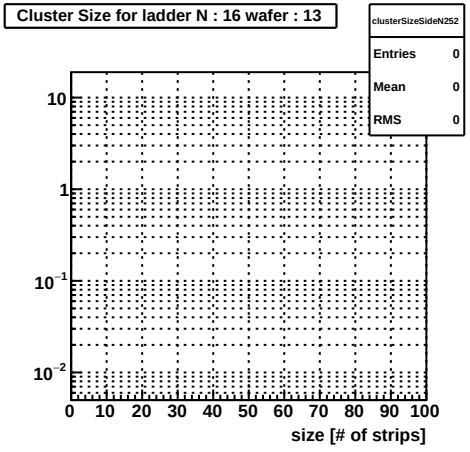

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1085
Mean 1.541
RMS 0.8952
size [# of strips]

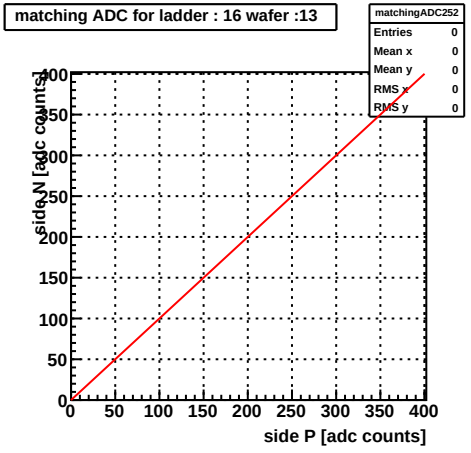

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 387
Mean x 90.35
Mean y 79.55
RMS x 68.88
RMS y 61.42
side N [adc counts]
side P [adc counts]

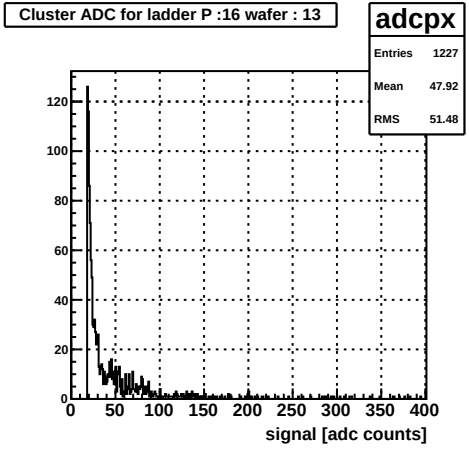

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1475
Mean 50.62
RMS 52.75
signal [adc counts]

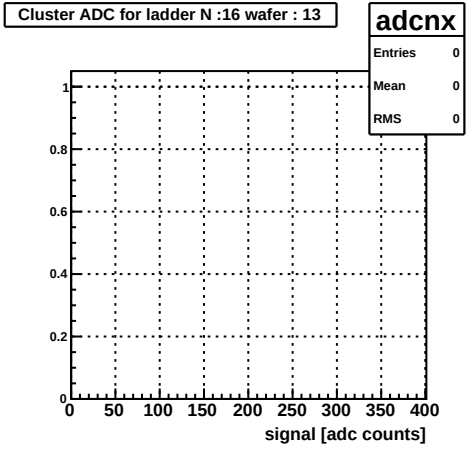

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1085
Mean 69
RMS 63
signal [adc counts]

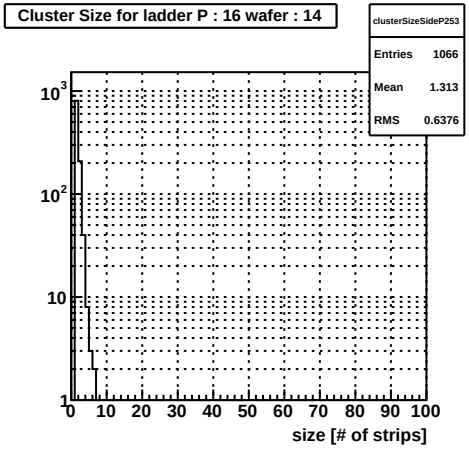

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1227
Mean 1.184
RMS 0.4624
size [# of strips]

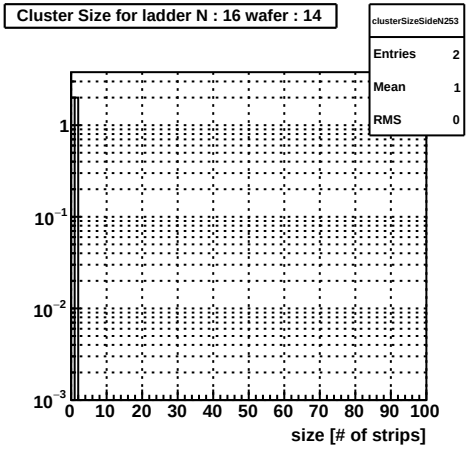

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

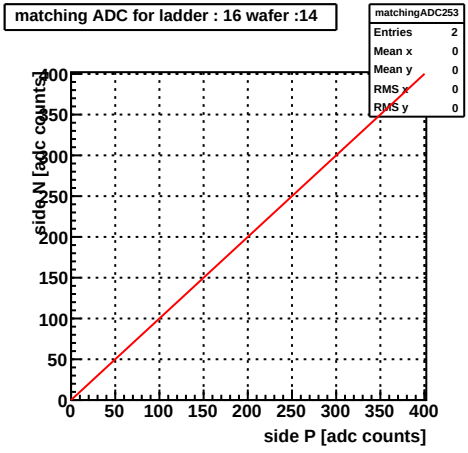

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

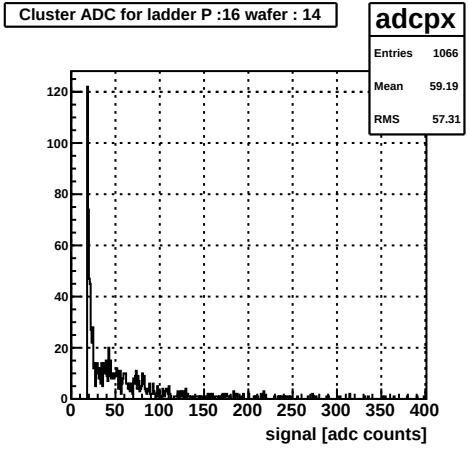

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1227
Mean 47.92
RMS 51.48
signal [adc counts]

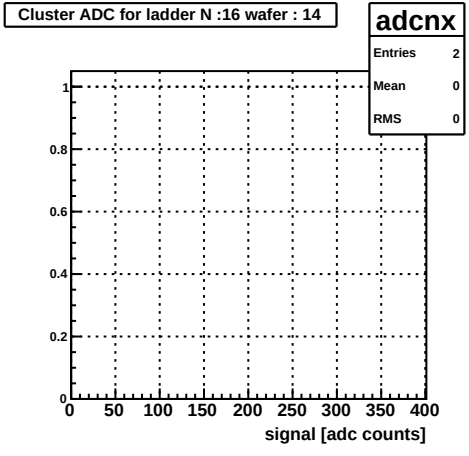

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

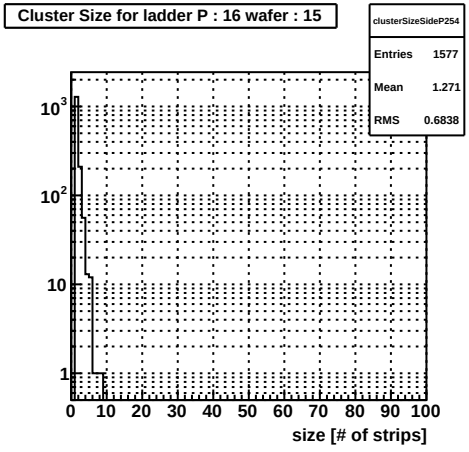

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1066
Mean 1.313
RMS 0.6376
size [# of strips]

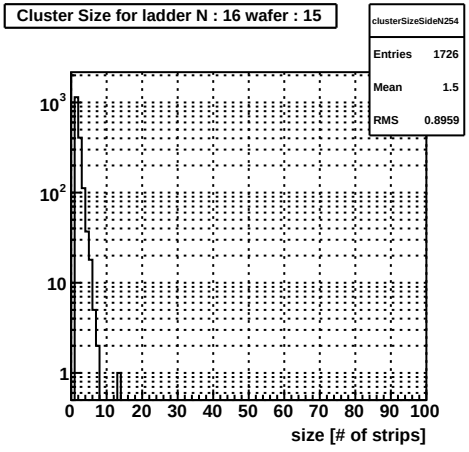

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

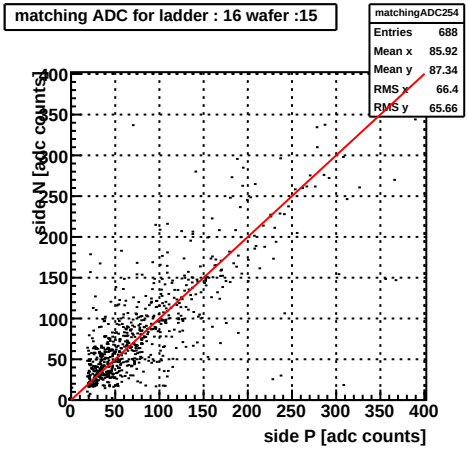

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

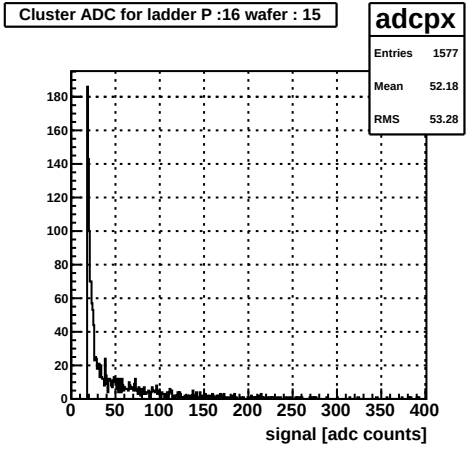

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1066
Mean 59.19
RMS 57.31
signal [adc counts]

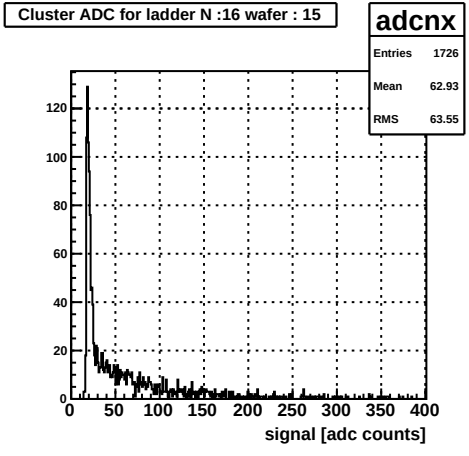

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

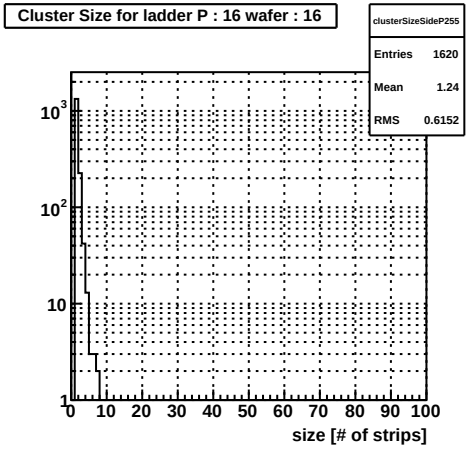

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1577
Mean 1.271
RMS 0.6838
size [# of strips]

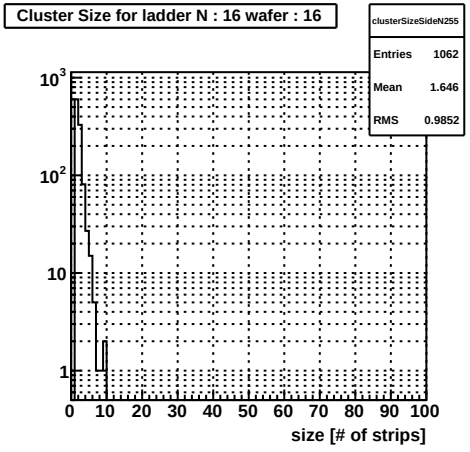

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 1726
Mean 1.5
RMS 0.8959
size [# of strips]

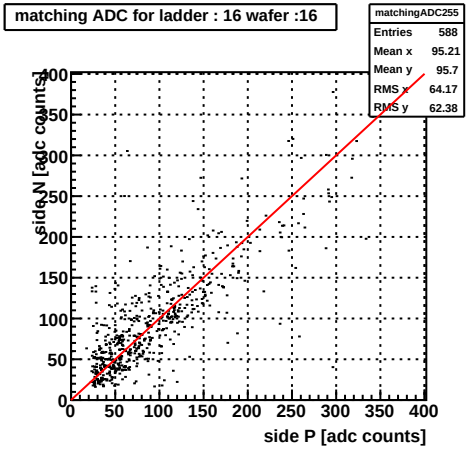

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 688
Mean x 85.92
Mean y 87.34
RMS x 66.4
RMS y 65.66
side N [adc counts]
side P [adc counts]

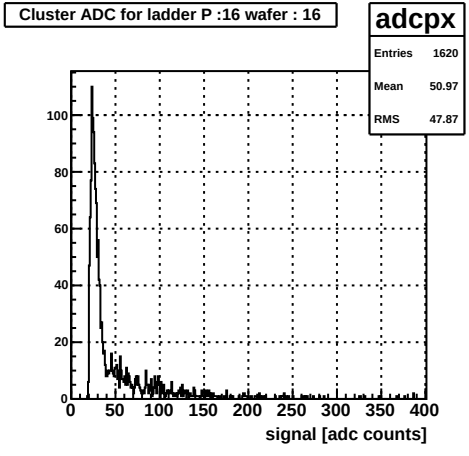

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1577
Mean 52.18
RMS 53.28
signal [adc counts]

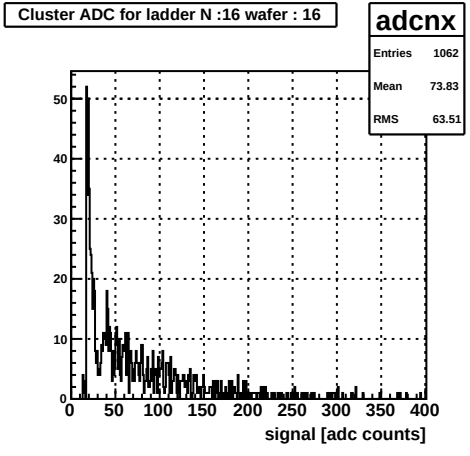

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 1726
Mean 62.93
RMS 63.55
signal [adc counts]

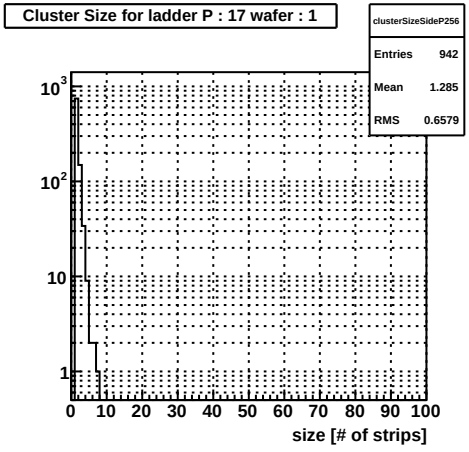

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1620
Mean 1.24
RMS 0.6152
size [# of strips]

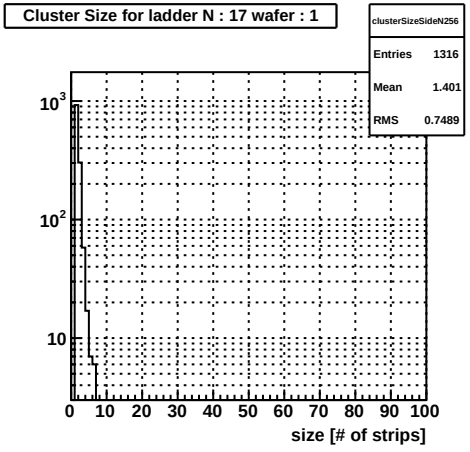

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1062
Mean 1.646
RMS 0.9852
size [# of strips]

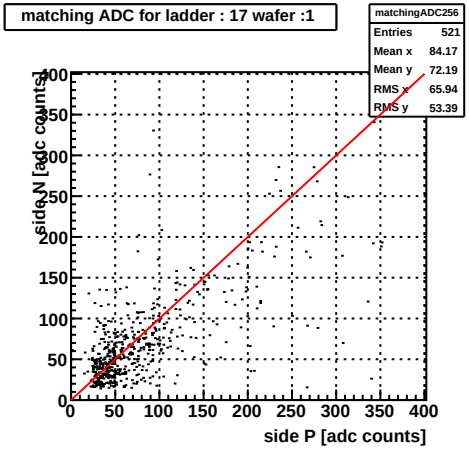

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 588
Mean x 95.21
Mean y 95.7
RMS x 64.17
RMS y 62.38
side N [adc counts]
side P [adc counts]

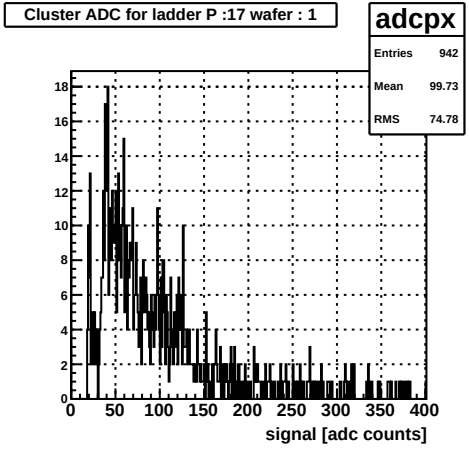

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1620
Mean 50.97
RMS 47.87
signal [adc counts]

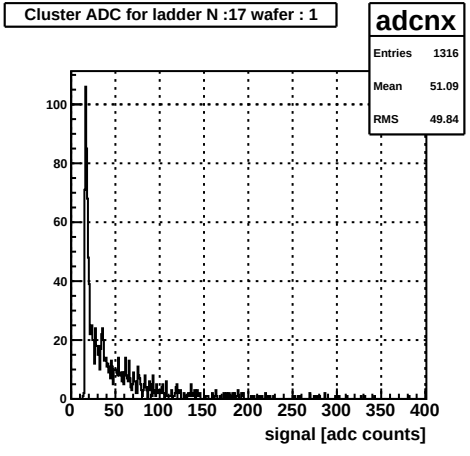

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1062
Mean 73.83
RMS 63.51
signal [adc counts]

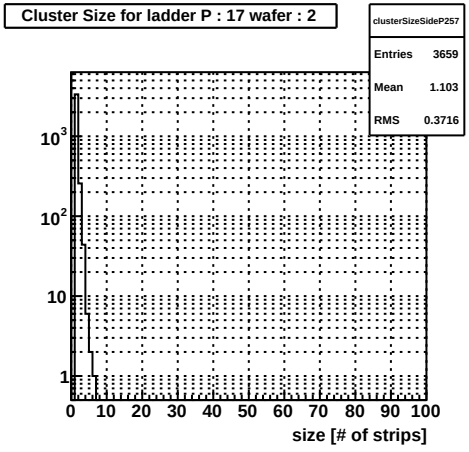

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 942
Mean 1.285
RMS 0.6579
size [# of strips]

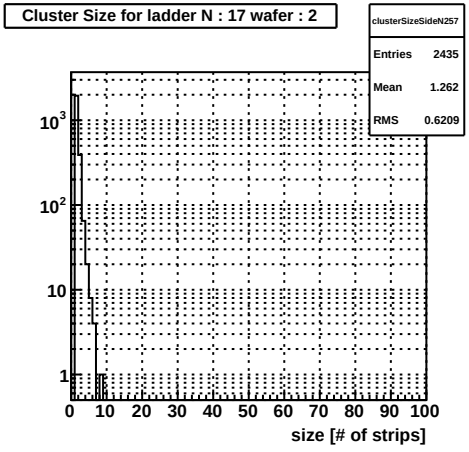

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1316
Mean 1.401
RMS 0.7489
size [# of strips]

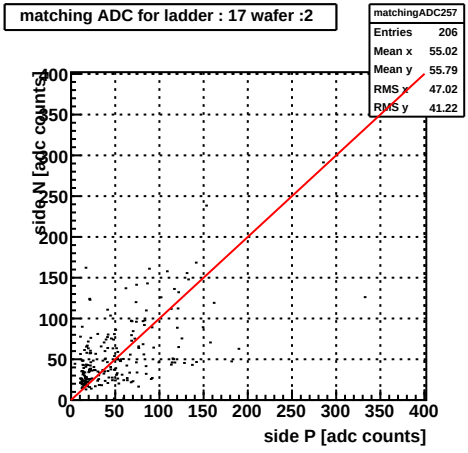

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 521
Mean x 84.17
Mean y 72.19
RMS x 65.94
RMS y 53.39
side N [adc counts]
side P [adc counts]

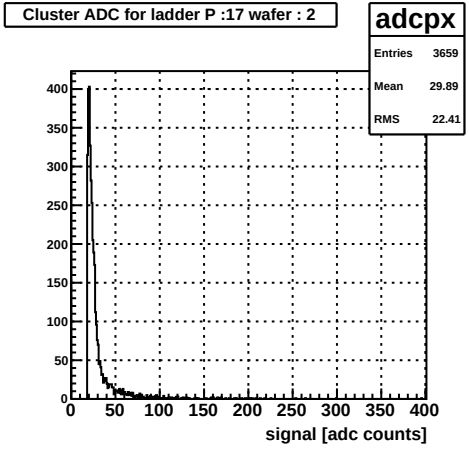

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 942
Mean 99.73
RMS 74.78
signal [adc counts]

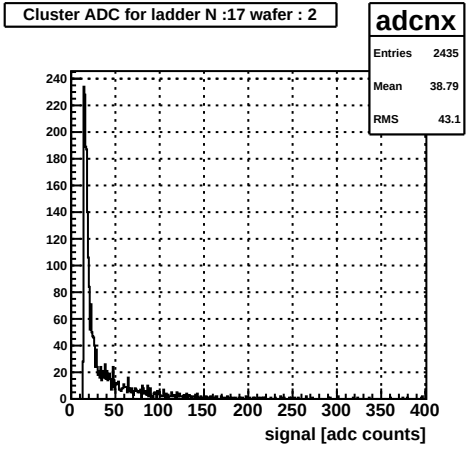

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1316
Mean 51.09
RMS 49.84
signal [adc counts]

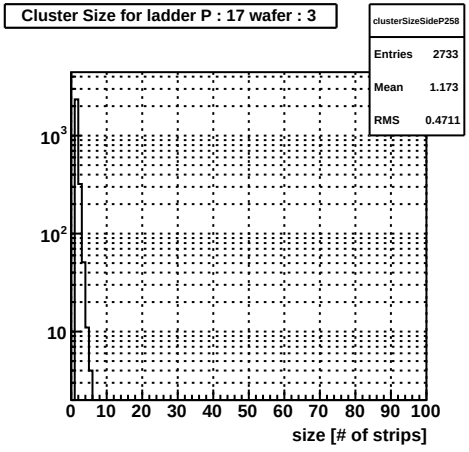

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 3659
Mean 1.103
RMS 0.3716
size [# of strips]

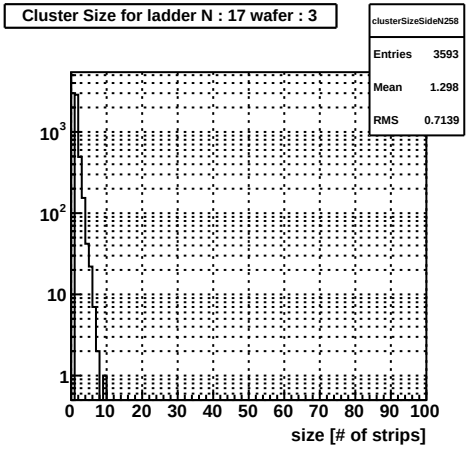

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 2435
Mean 1.262
RMS 0.6209
size [# of strips]

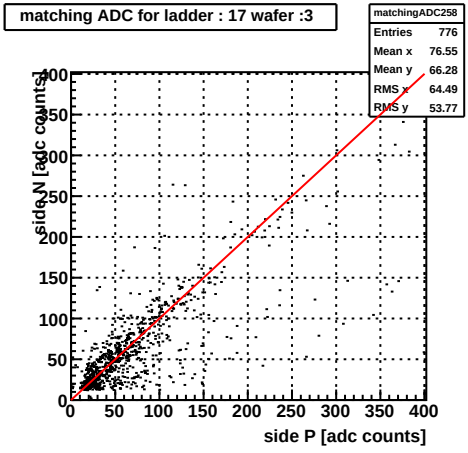

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 206
Mean x 55.02
Mean y 55.79
RMS x 47.02
RMS y 41.22
side N [adc counts]
side P [adc counts]

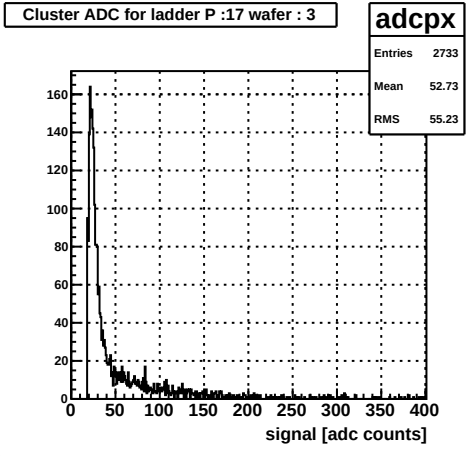

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 3659
Mean 29.89
RMS 22.41
signal [adc counts]

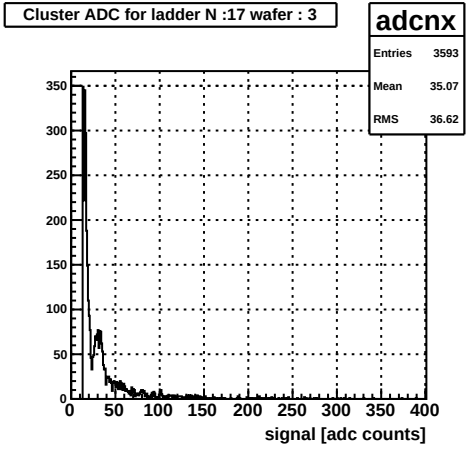

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 2435
Mean 38.79
RMS 43.1
signal [adc counts]

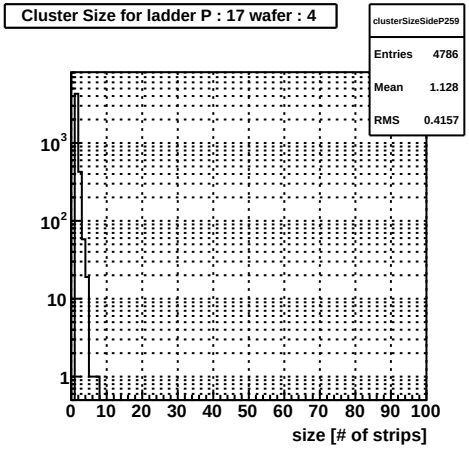

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 2733
Mean 1.173
RMS 0.4711
size [# of strips]

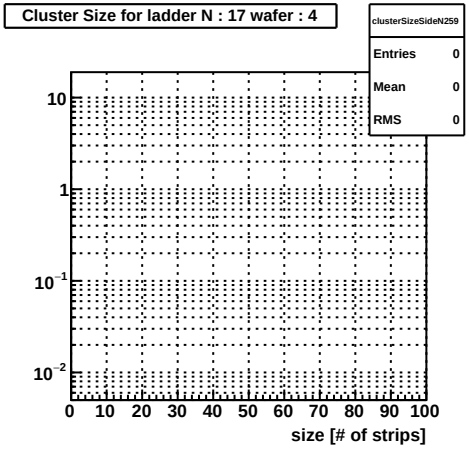

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 3593
Mean 1.298
RMS 0.7139
size [# of strips]

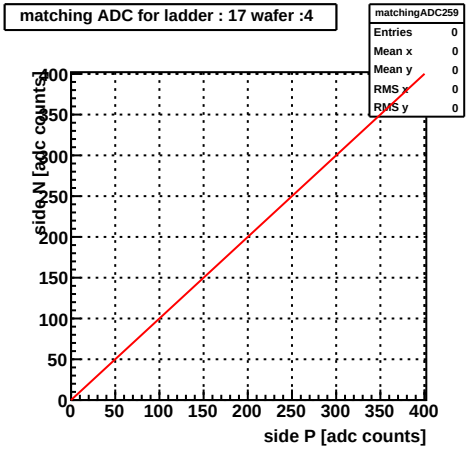

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 776
Mean x 76.55
Mean y 66.28
RMS x 64.49
RMS y 53.77
side N [adc counts]
side P [adc counts]

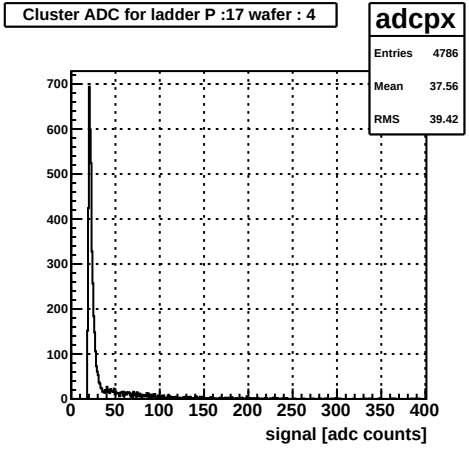

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 2733
Mean 52.73
RMS 55.23
signal [adc counts]

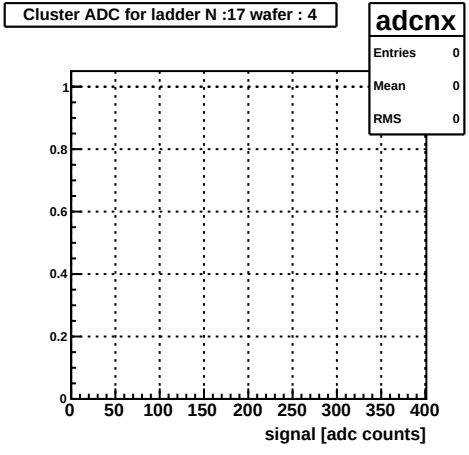

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 3593
Mean 35.07
RMS 36.62
signal [adc counts]

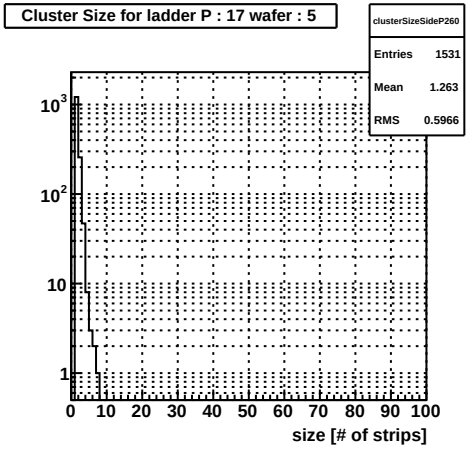

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 4786
Mean 1.128
RMS 0.4157
size [# of strips]

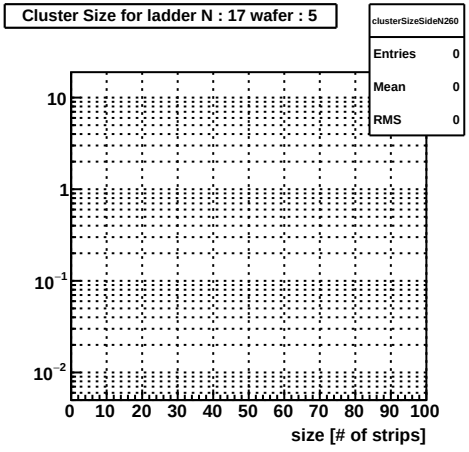

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

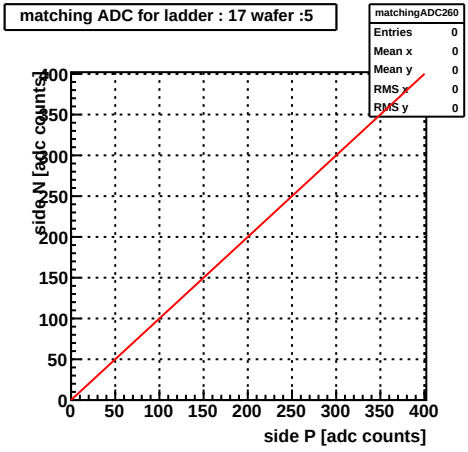

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

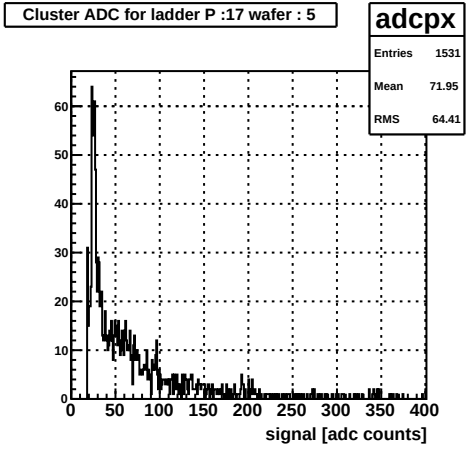

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 4786
Mean 37.56
RMS 39.42
signal [adc counts]

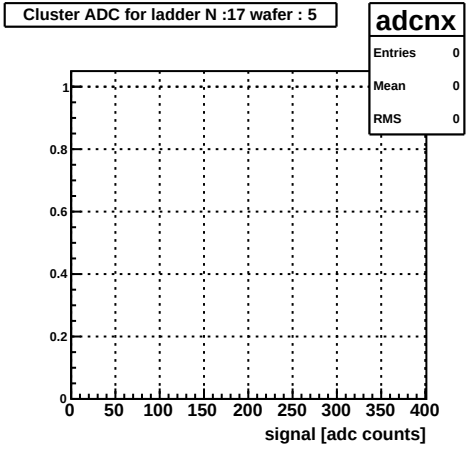

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

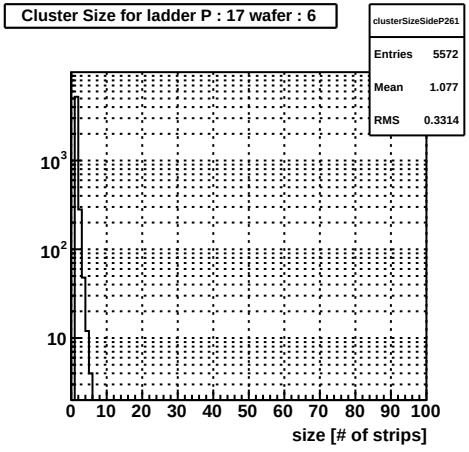

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1531
Mean 1.263
RMS 0.5966
size [# of strips]

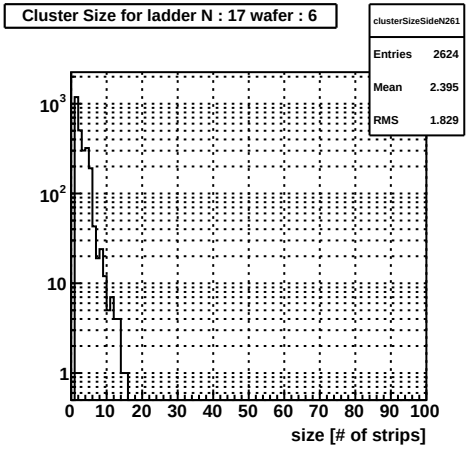

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

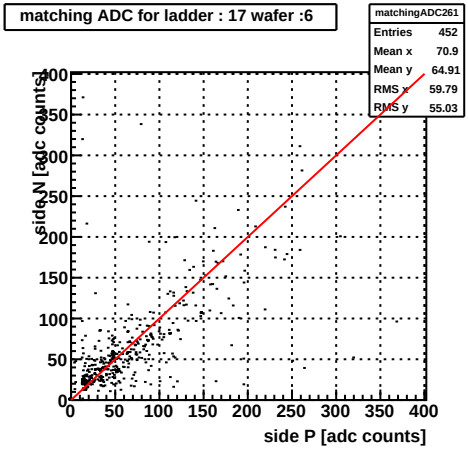

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

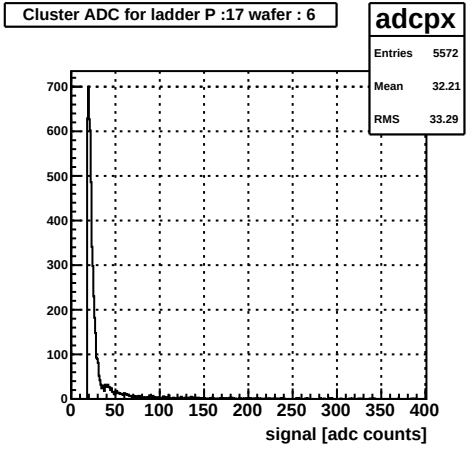

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1531
Mean 71.95
RMS 64.41
signal [adc counts]

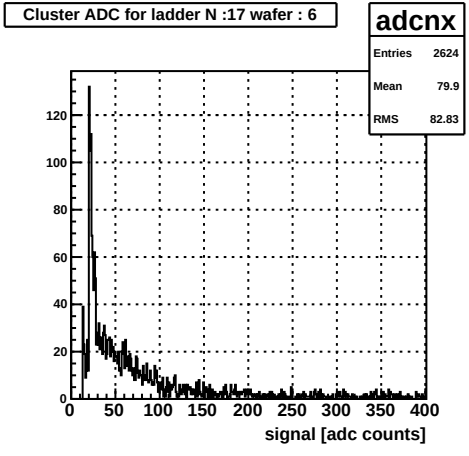

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

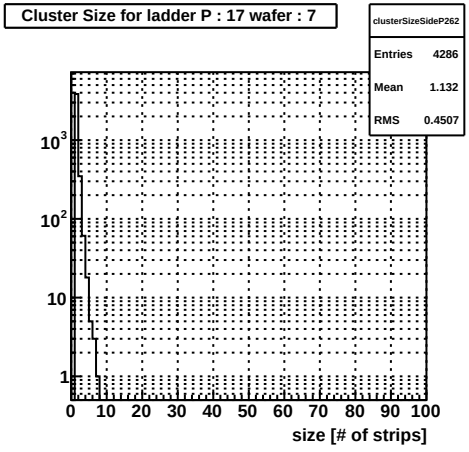

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 5572
Mean 1.077
RMS 0.3314
size [# of strips]

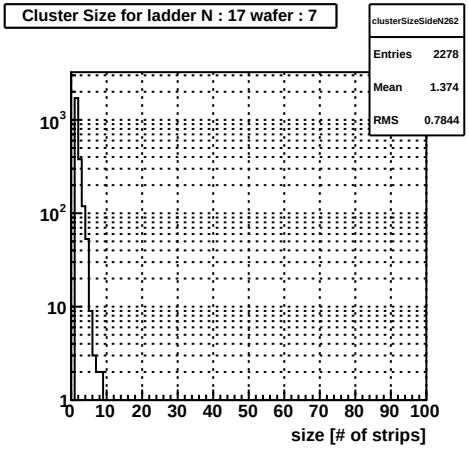

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2624
Mean 2.395
RMS 1.829
size [# of strips]

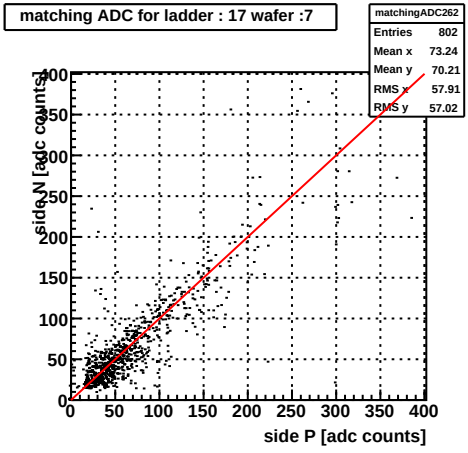

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 452
Mean x 70.9
Mean y 64.91
RMS x 59.79
RMS y 55.03
side N [adc counts]
side P [adc counts]

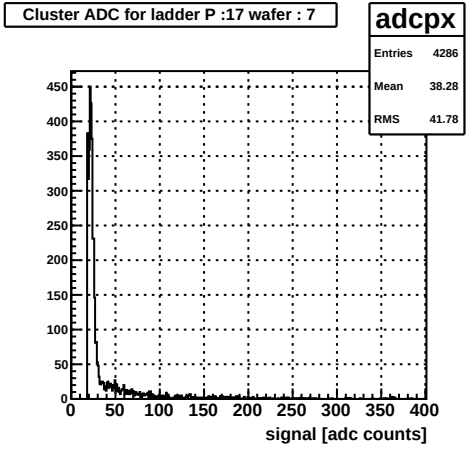

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 5572
Mean 32.21
RMS 33.29
signal [adc counts]

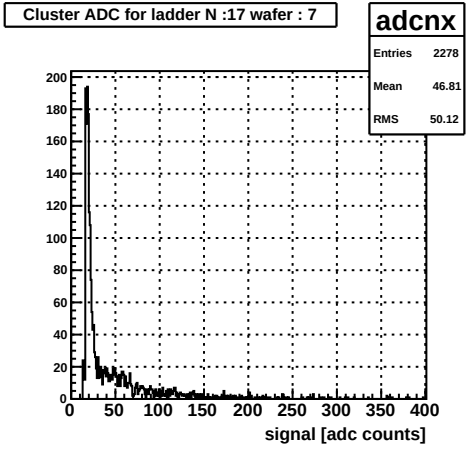

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2624
Mean 79.9
RMS 82.83
signal [adc counts]

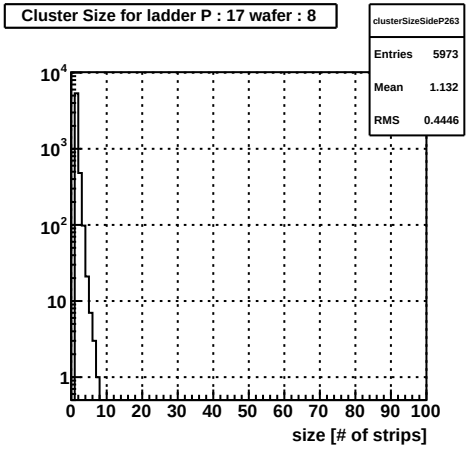

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 4286
Mean 1.132
RMS 0.4507
size [# of strips]

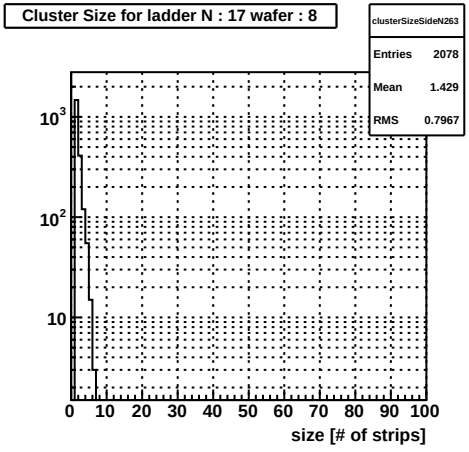

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2278
Mean 1.374
RMS 0.7844
size [# of strips]

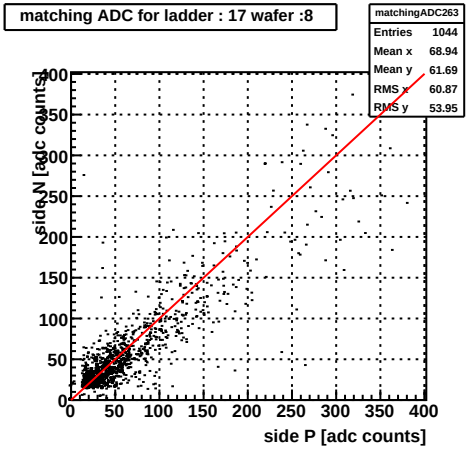

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 802
Mean x 73.24
Mean y 70.21
RMS x 57.91
RMS y 57.02
side N [adc counts]
side P [adc counts]

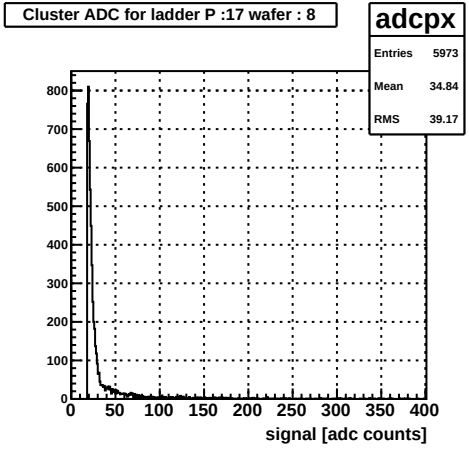

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 4286
Mean 38.28
RMS 41.78
signal [adc counts]

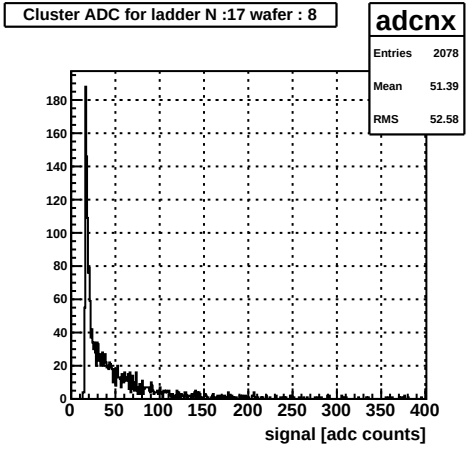

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2278
Mean 46.81
RMS 50.12
signal [adc counts]

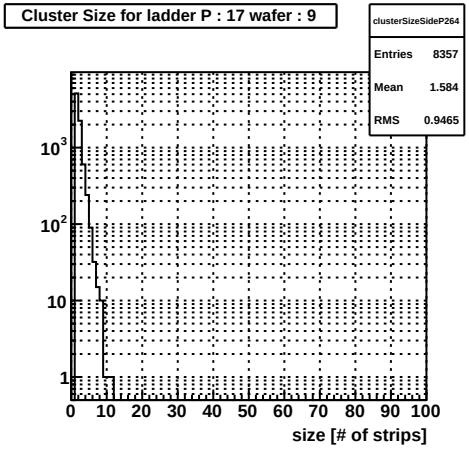

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 5973
Mean 1.132
RMS 0.4446
size [# of strips]

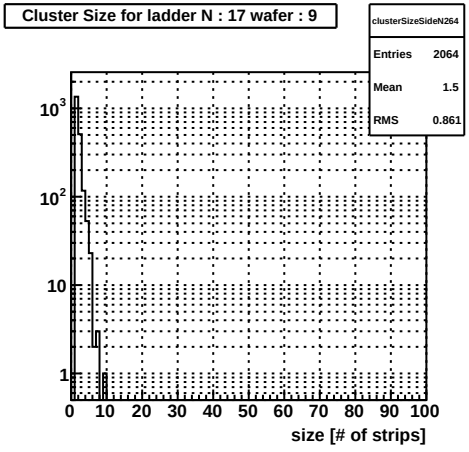

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2078
Mean 1.429
RMS 0.7967
size [# of strips]

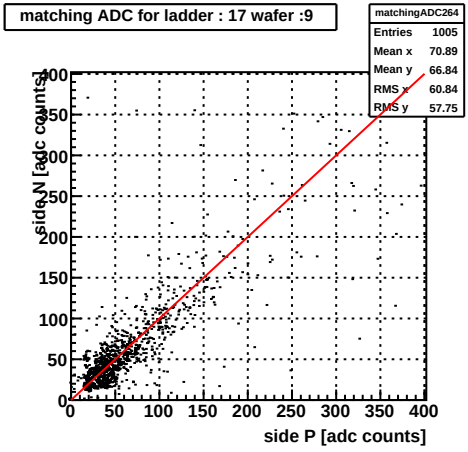

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1044
Mean x 68.94
Mean y 61.69
RMS x 60.87
RMS y 53.95
side N [adc counts]
side P [adc counts]

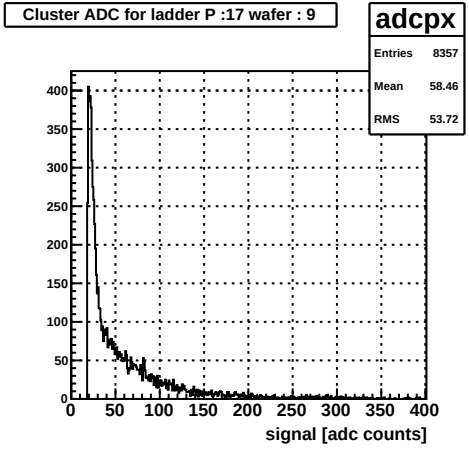

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 5973
Mean 34.84
RMS 39.17
signal [adc counts]

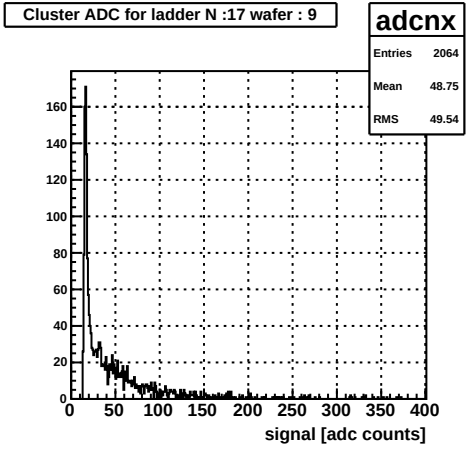

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2078
Mean 51.39
RMS 52.58
signal [adc counts]

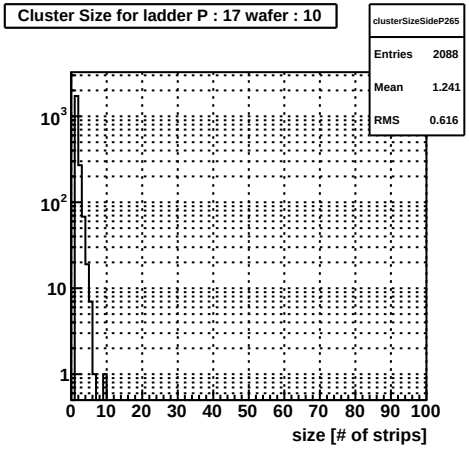

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 8357
Mean 1.584
RMS 0.9465
size [# of strips]

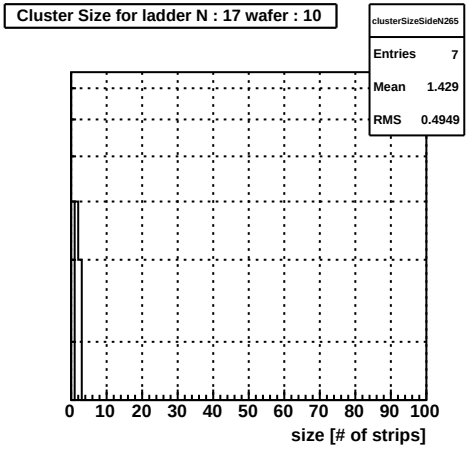

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2064
Mean 1.5
RMS 0.861
size [# of strips]

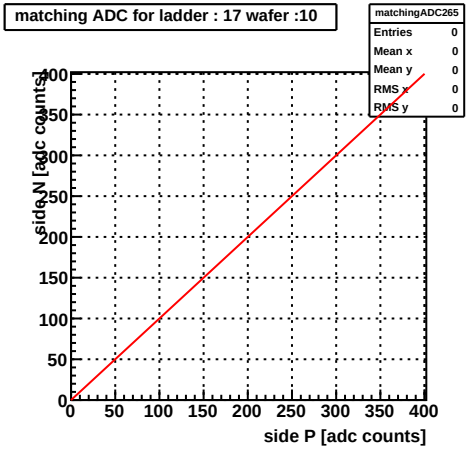

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1005
Mean x 70.89
Mean y 66.84
RMS x 60.84
RMS y 57.75
side N [adc counts]
side P [adc counts]

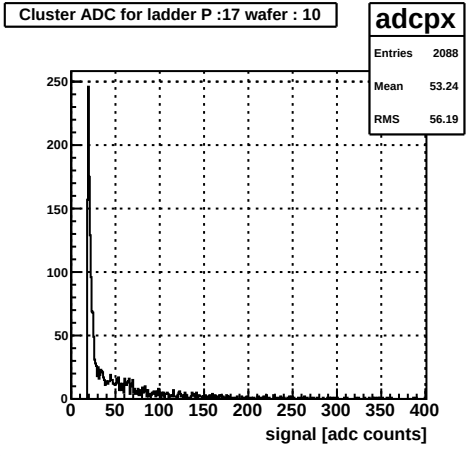

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 8357
Mean 58.46
RMS 53.72
signal [adc counts]

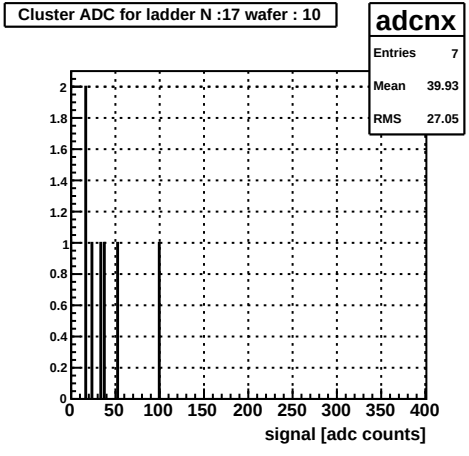

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2064
Mean 48.75
RMS 49.54
signal [adc counts]

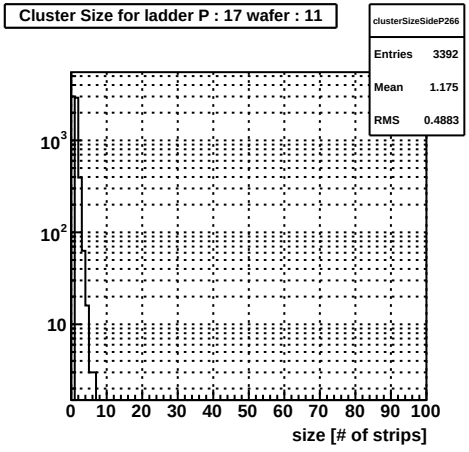

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 2088
Mean 1.241
RMS 0.616
size [# of strips]

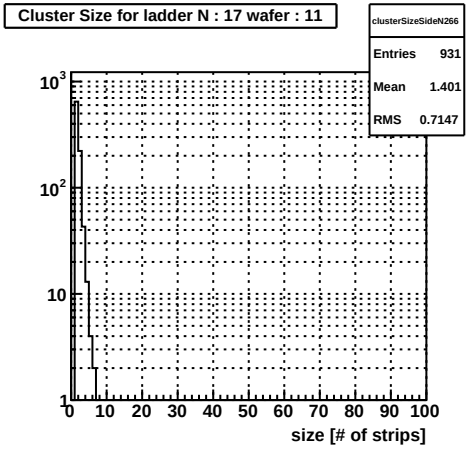

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 7
Mean 1.429
RMS 0.4949
size [# of strips]

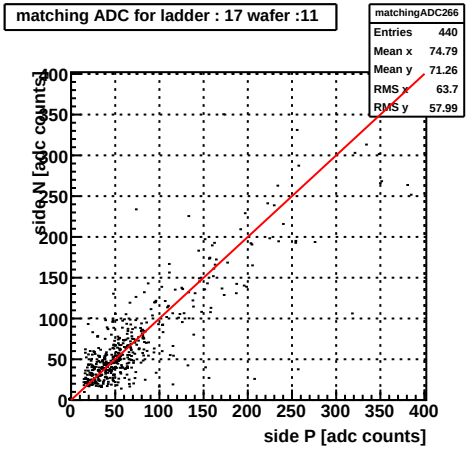

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

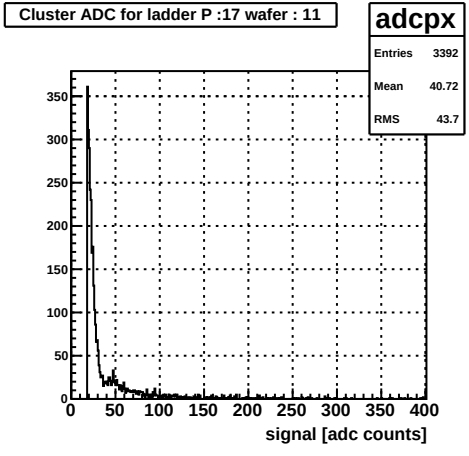

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 2088
Mean 53.24
RMS 56.19
signal [adc counts]

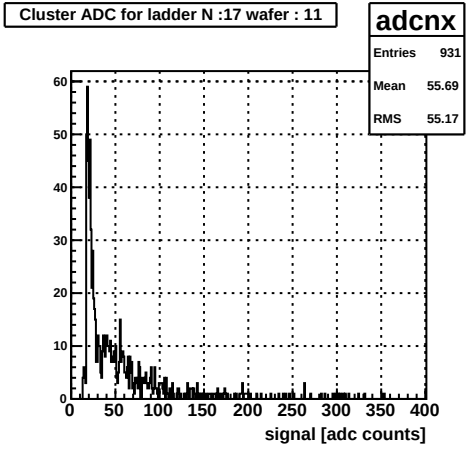

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 7
Mean 39.93
RMS 27.05
signal [adc counts]

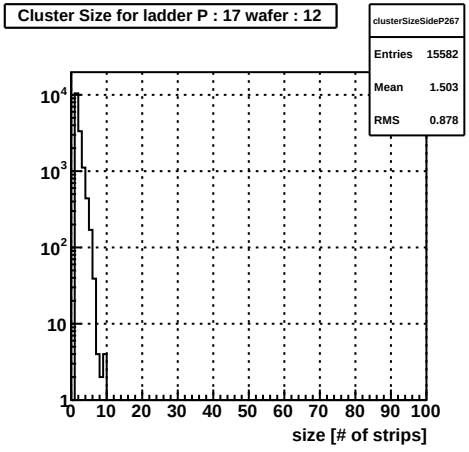

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3392
Mean 1.175
RMS 0.4883
size [# of strips]

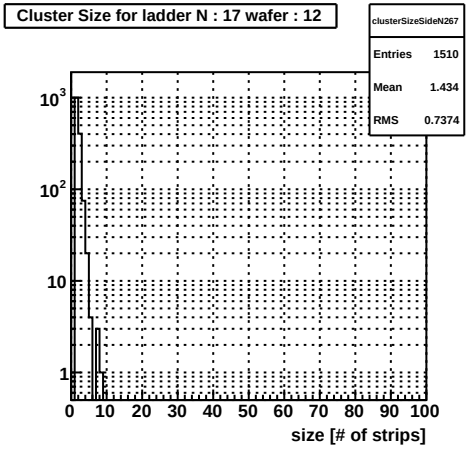

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 931
Mean 1.401
RMS 0.7147
size [# of strips]

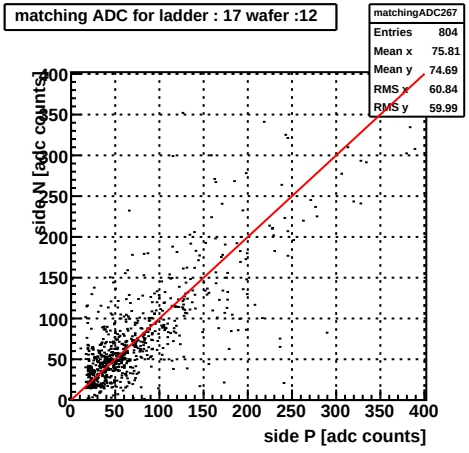

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 440
Mean x 74.79
Mean y 71.26
RMS x 63.7
RMS y 57.99
side N [adc counts]
side P [adc counts]

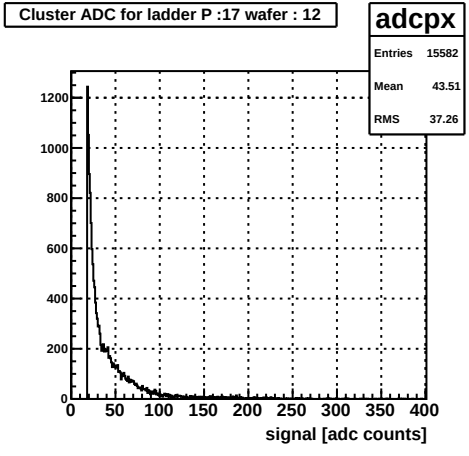

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3392
Mean 40.72
RMS 43.7
signal [adc counts]

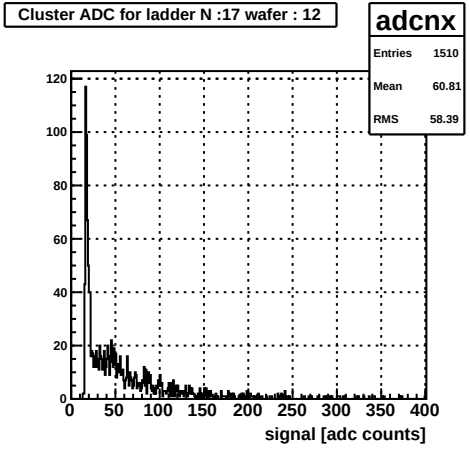

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 931
Mean 55.69
RMS 55.17
signal [adc counts]

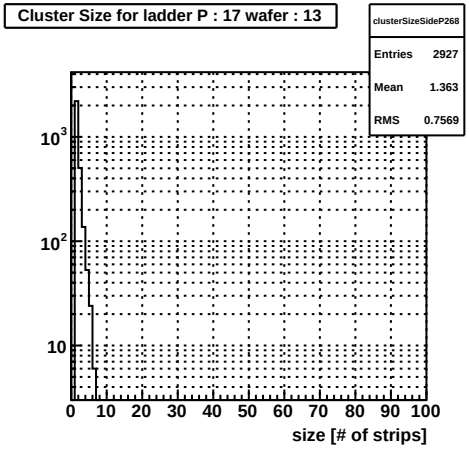

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 15582
Mean 1.503
RMS 0.878
size [# of strips]

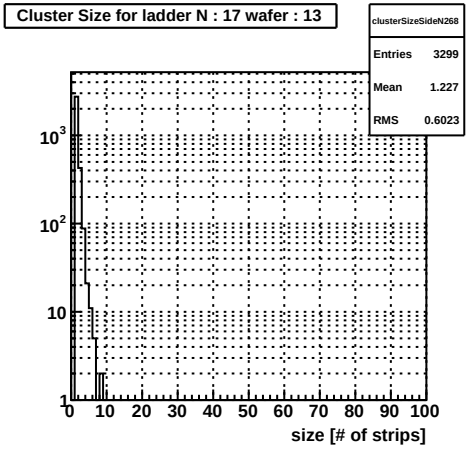

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1510
Mean 1.434
RMS 0.7374
size [# of strips]

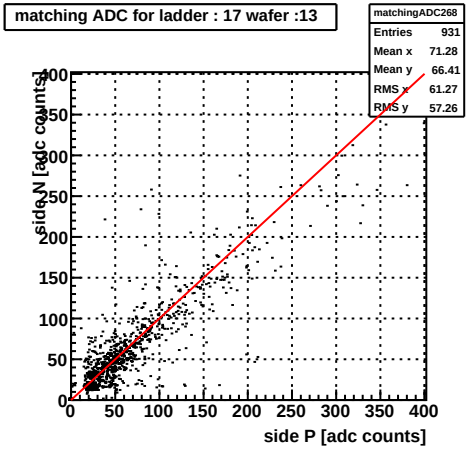

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 804
Mean x 75.81
Mean y 74.69
RMS x 60.84
RMS y 59.99
side N [adc counts]
side P [adc counts]

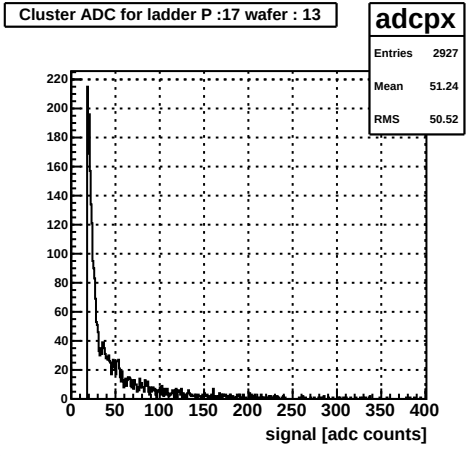

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 15582
Mean 43.51
RMS 37.26
signal [adc counts]

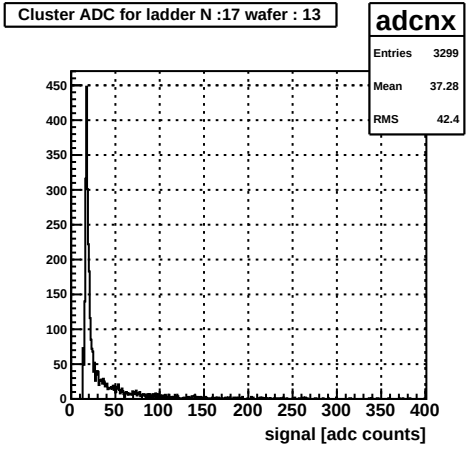

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1510
Mean 60.81
RMS 58.39
signal [adc counts]

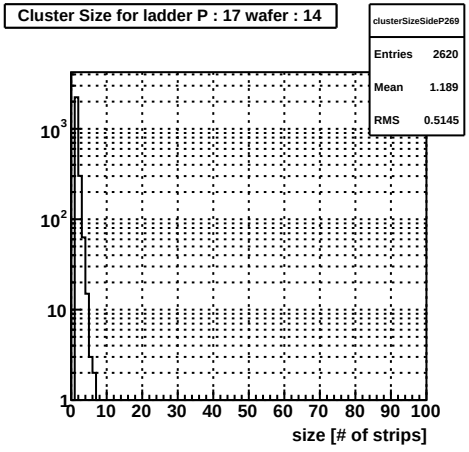

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 2927
Mean 1.363
RMS 0.7569
size [# of strips]

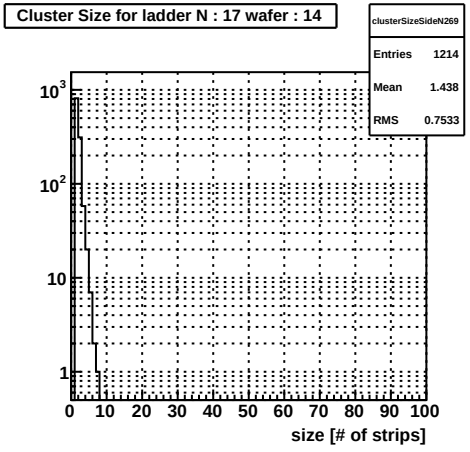

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 3299
Mean 1.227
RMS 0.6023
size [# of strips]

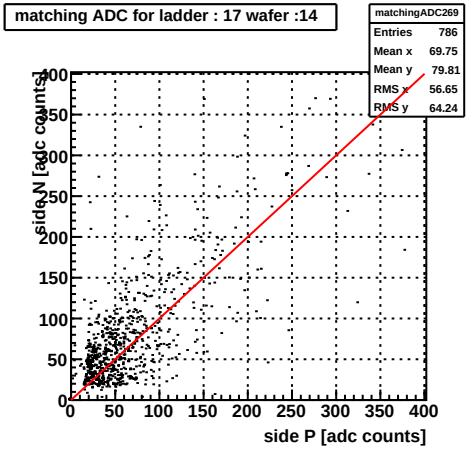

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 931
Mean x 71.28
Mean y 66.41
RMS x 61.27
RMS y 57.26
side N [adc counts]
side P [adc counts]

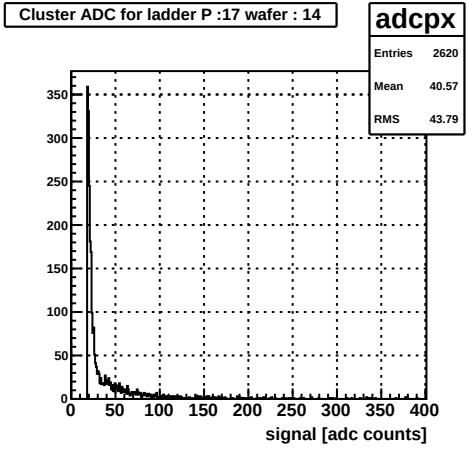

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 2927
Mean 51.24
RMS 50.52
signal [adc counts]

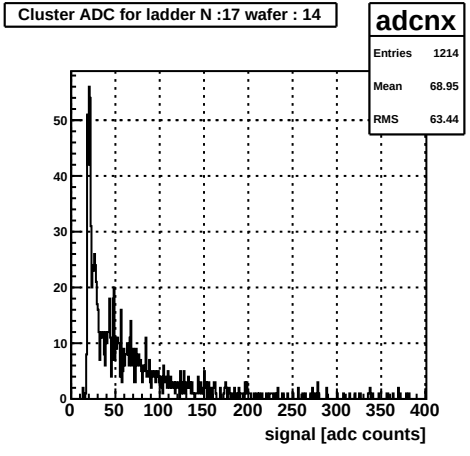

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 3299
Mean 37.28
RMS 42.4
signal [adc counts]

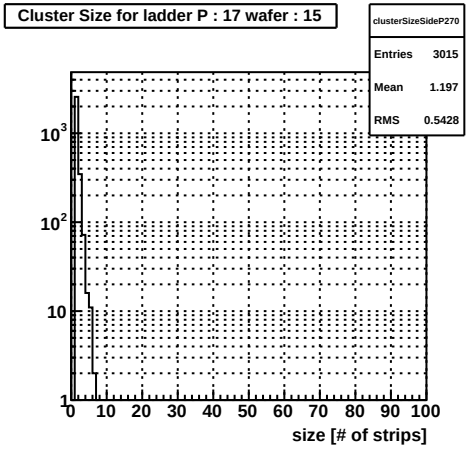

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2620
Mean 1.189
RMS 0.5145
size [# of strips]

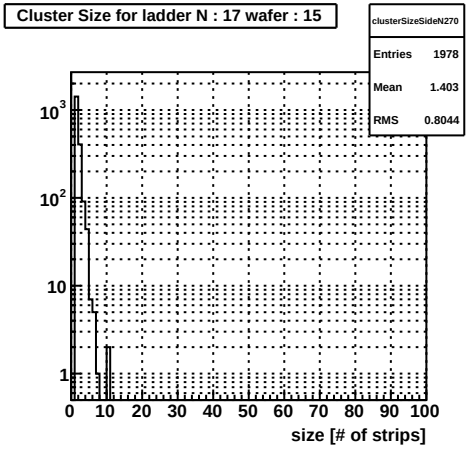

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1214
Mean 1.438
RMS 0.7533
size [# of strips]

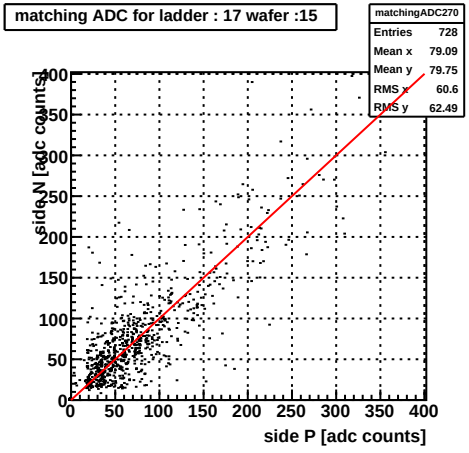

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 786
Mean x 69.75
Mean y 79.81
RMS x 56.65
RMS y 64.24
side N [adc counts]
side P [adc counts]

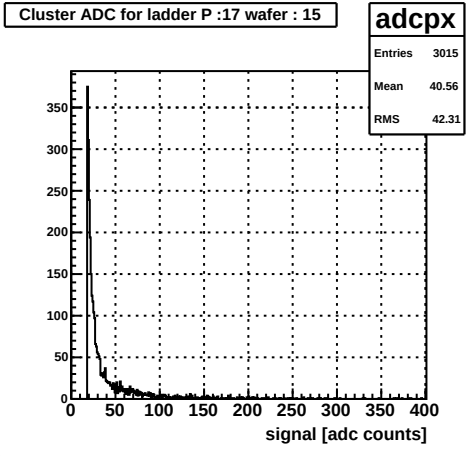

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2620
Mean 40.57
RMS 43.79
signal [adc counts]

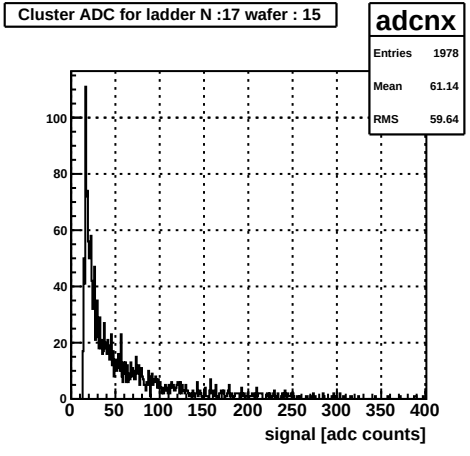

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1214
Mean 68.95
RMS 63.44
signal [adc counts]

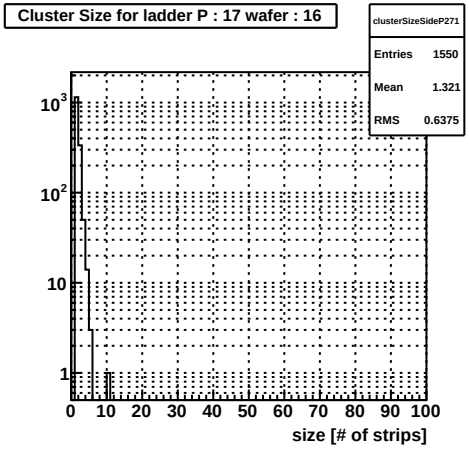

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3015
Mean 1.197
RMS 0.5428
size [# of strips]

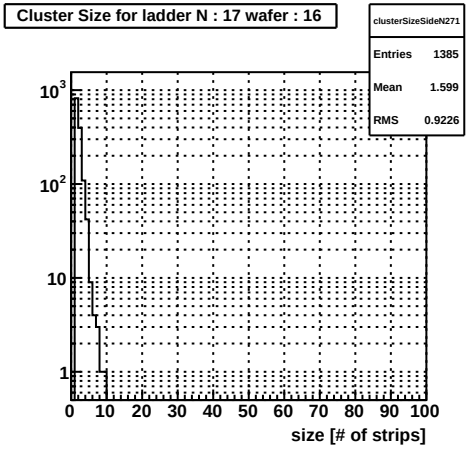

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 1978
Mean 1.403
RMS 0.8044
size [# of strips]

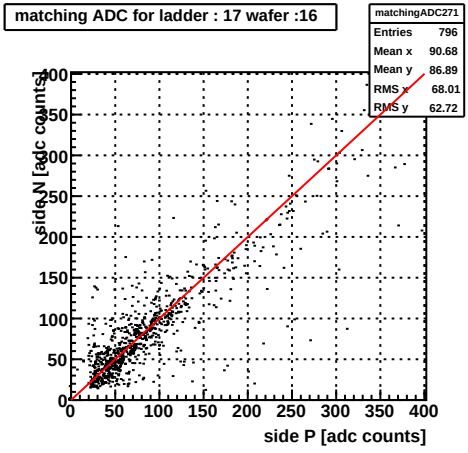

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 728
Mean x 79.09
Mean y 79.75
RMS x 60.6
RMS y 62.49
side N [adc counts]
side P [adc counts]

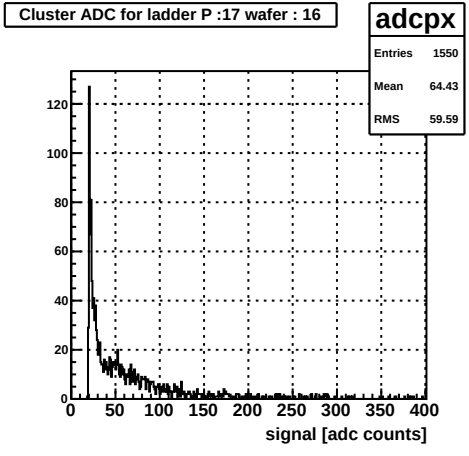

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3015
Mean 40.56
RMS 42.31
signal [adc counts]

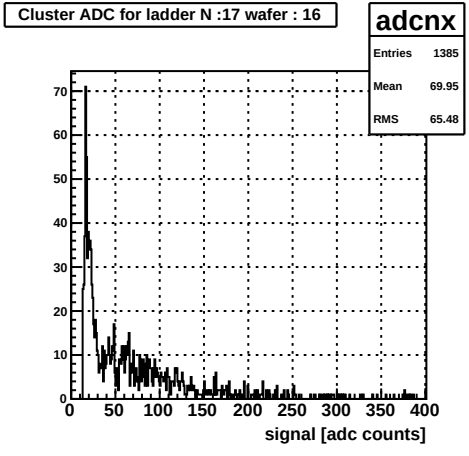

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 1978
Mean 61.14
RMS 59.64
signal [adc counts]

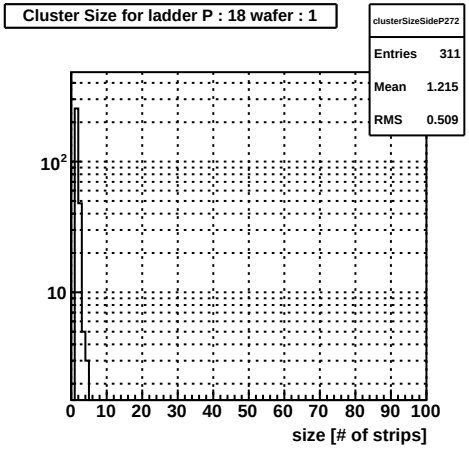

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1550
Mean 1.321
RMS 0.6375
size [# of strips]

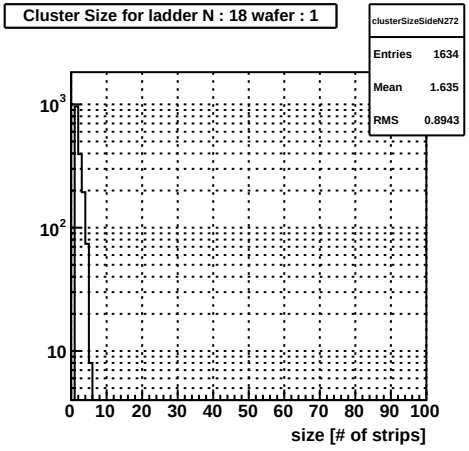

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1385
Mean 1.599
RMS 0.9226
size [# of strips]

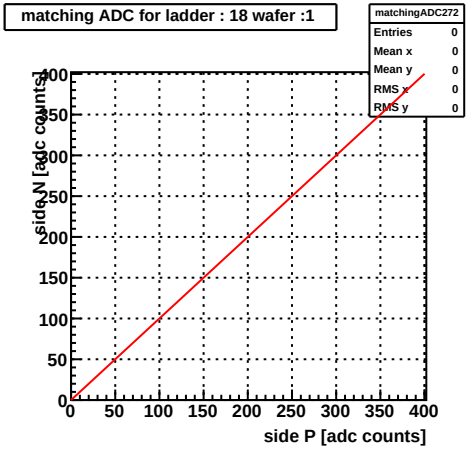

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 796
Mean x 90.68
Mean y 86.89
RMS x 68.01
RMS y 62.72
side N [adc counts]
side P [adc counts]

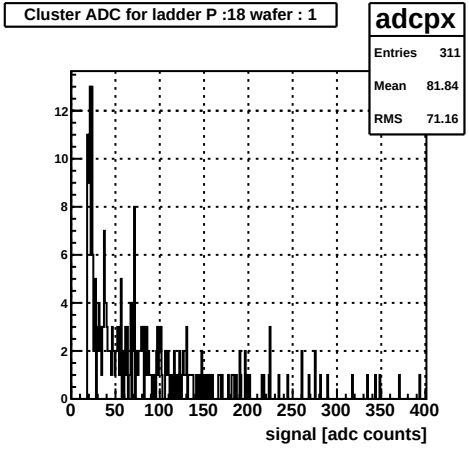

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1550
Mean 64.43
RMS 59.59
signal [adc counts]

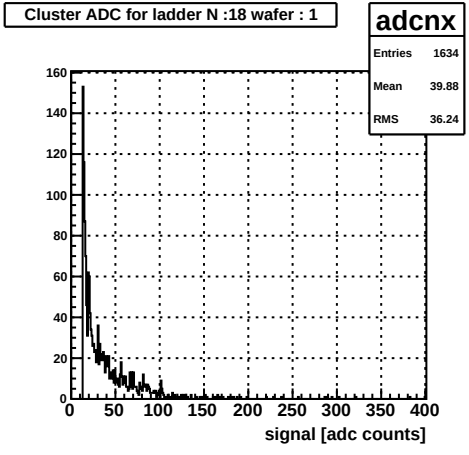

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1385
Mean 69.95
RMS 65.48
signal [adc counts]

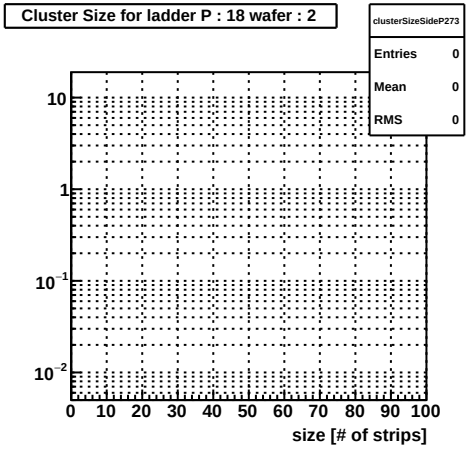

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 311
Mean 1.215
RMS 0.509
size [# of strips]

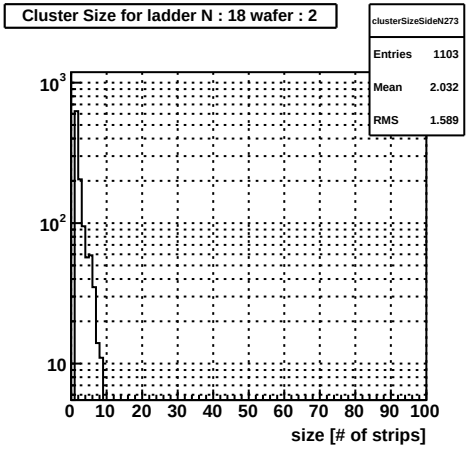

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1634
Mean 1.635
RMS 0.8943
size [# of strips]

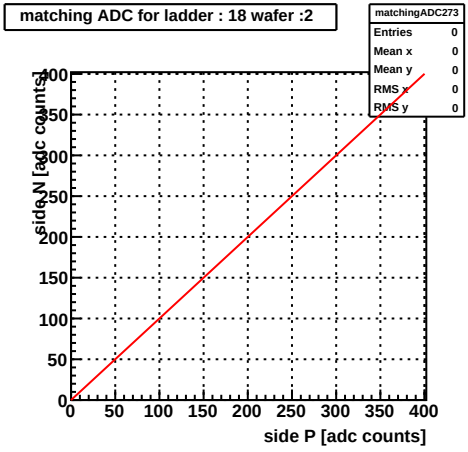

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

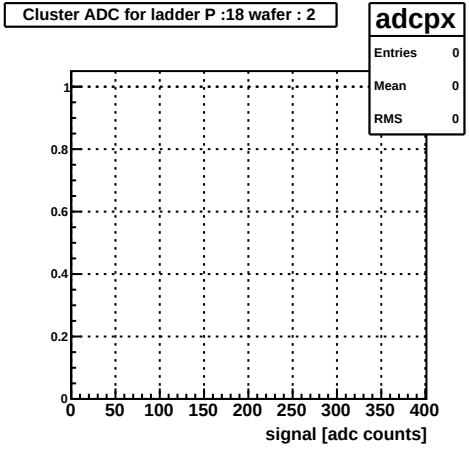

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 311
Mean 81.84
RMS 71.16
signal [adc counts]

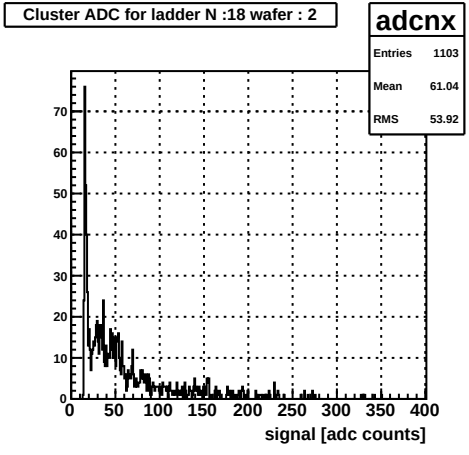

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1634
Mean 39.88
RMS 36.24
signal [adc counts]

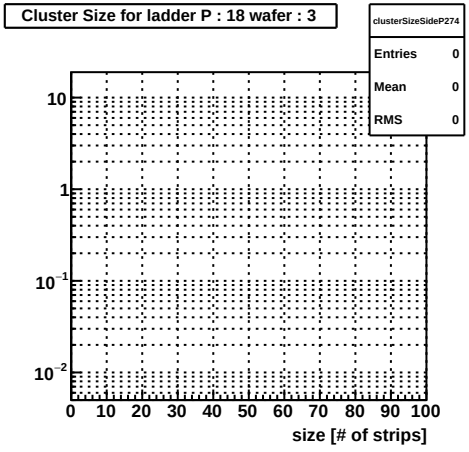

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

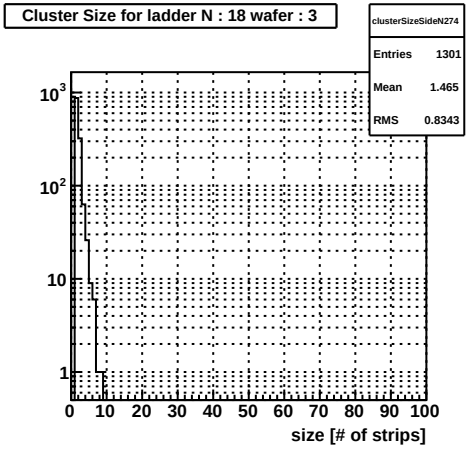

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1103
Mean 2.032
RMS 1.589
size [# of strips]

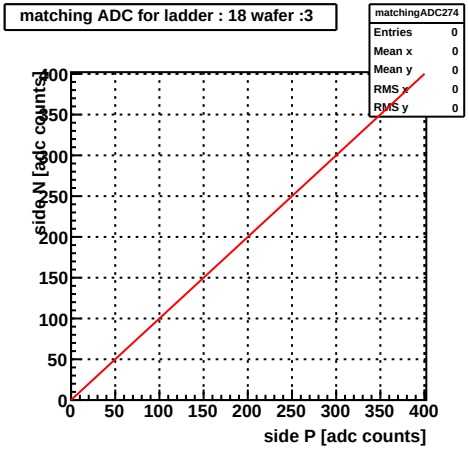

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

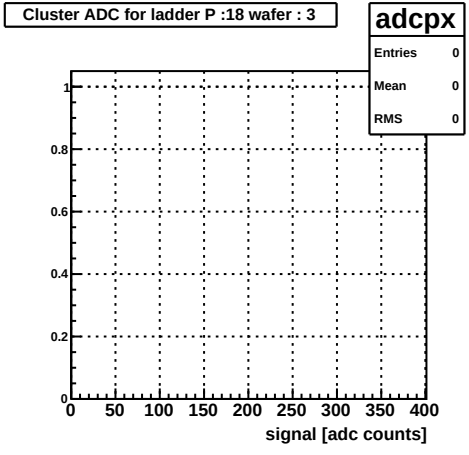

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

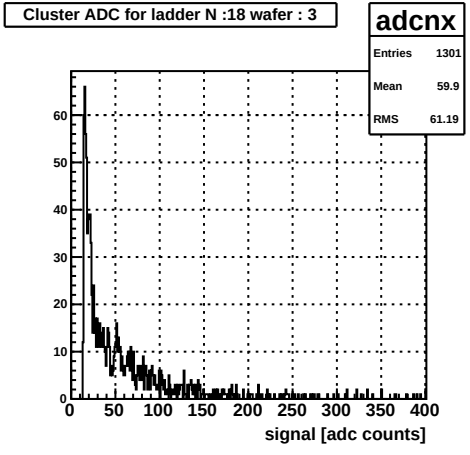

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1103
Mean 61.04
RMS 53.92
signal [adc counts]

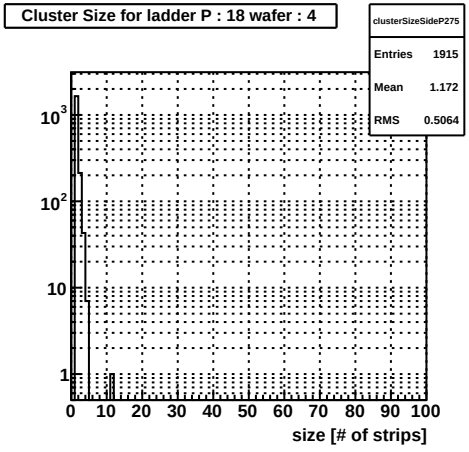

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

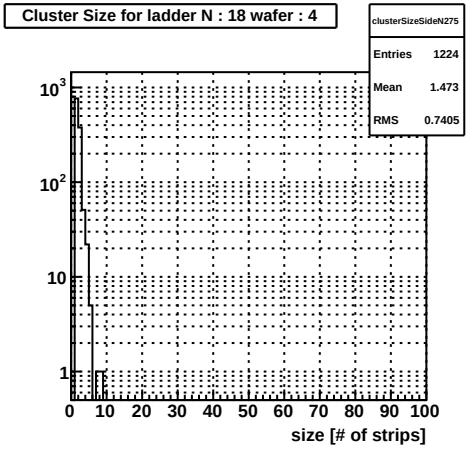

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1301
Mean 1.465
RMS 0.8343
size [# of strips]

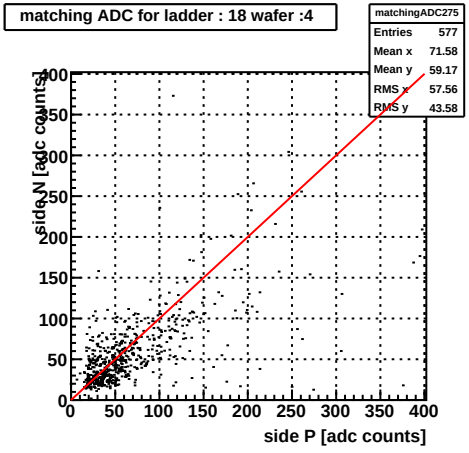

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

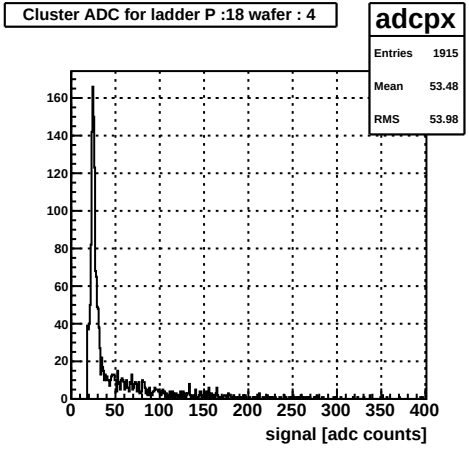

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

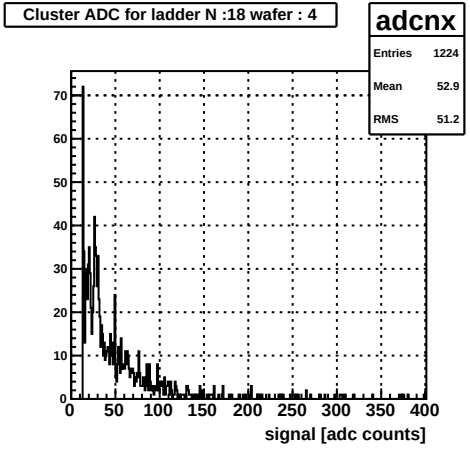

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1301
Mean 59.9
RMS 61.19
signal [adc counts]

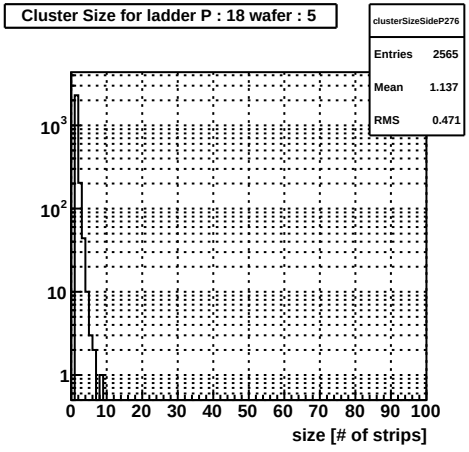

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 1915
Mean 1.172
RMS 0.5064
size [# of strips]

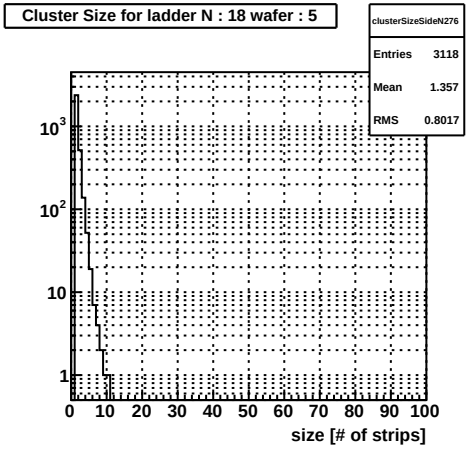

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1224
Mean 1.473
RMS 0.7405
size [# of strips]

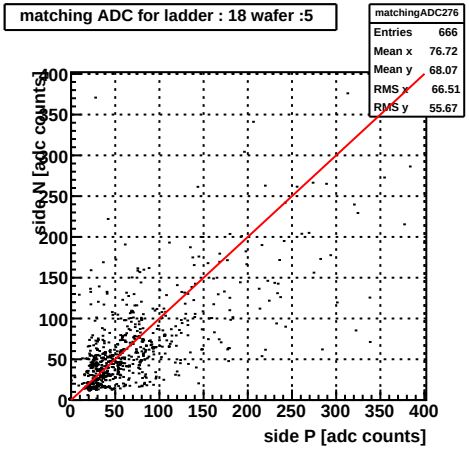

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 577
Mean x 71.58
Mean y 59.17
RMS x 57.56
RMS y 43.58
side N [adc counts]
side P [adc counts]

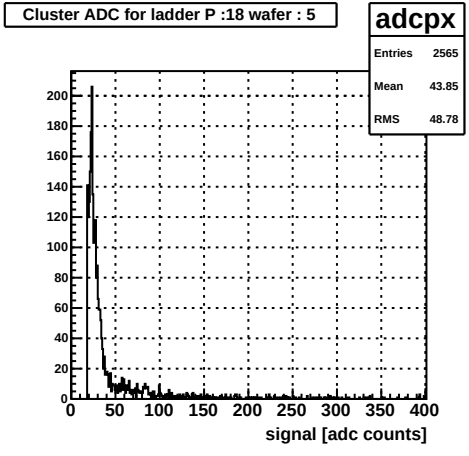

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 1915
Mean 53.48
RMS 53.98
signal [adc counts]

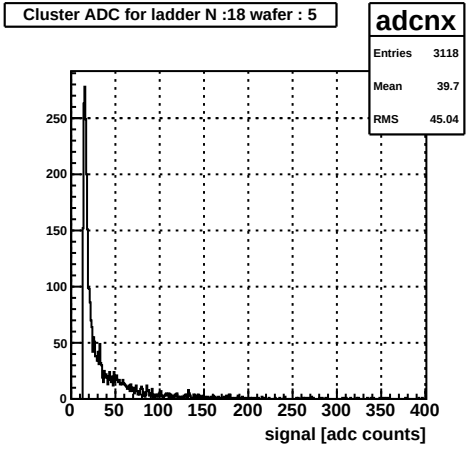

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1224
Mean 52.9
RMS 51.2
signal [adc counts]

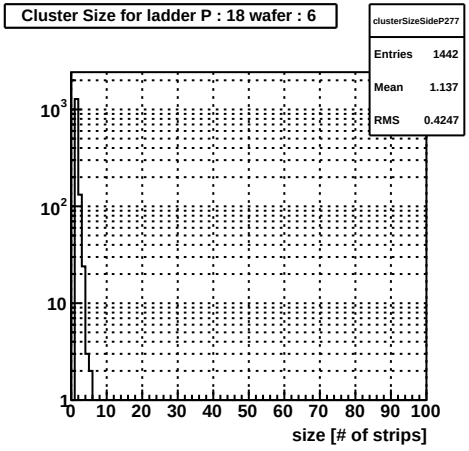

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 2565
Mean 1.137
RMS 0.471
size [# of strips]

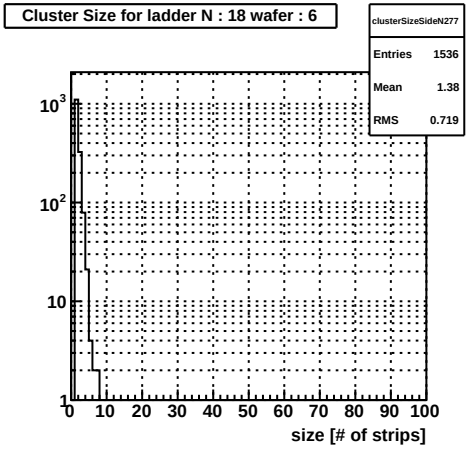

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 3118
Mean 1.357
RMS 0.8017
size [# of strips]

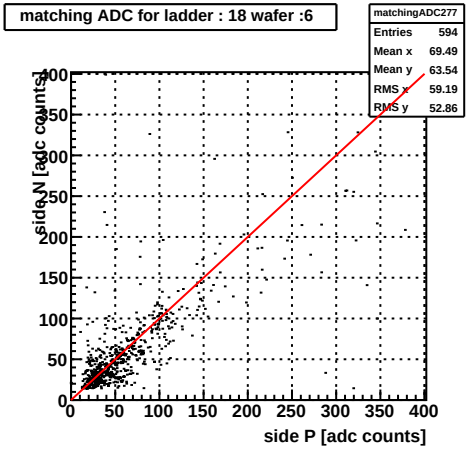

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 666
Mean x 76.72
Mean y 68.07
RMS x 66.51
RMS y 55.67
side N [adc counts]
side P [adc counts]

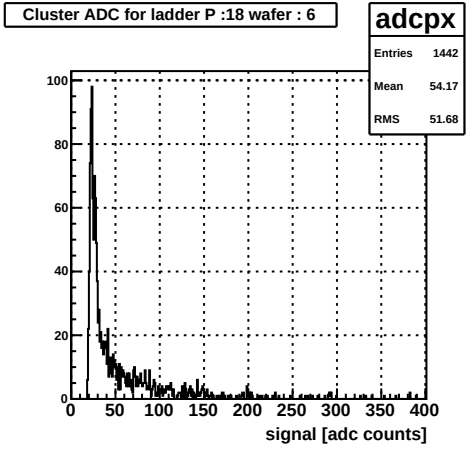

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 2565
Mean 43.85
RMS 48.78
signal [adc counts]

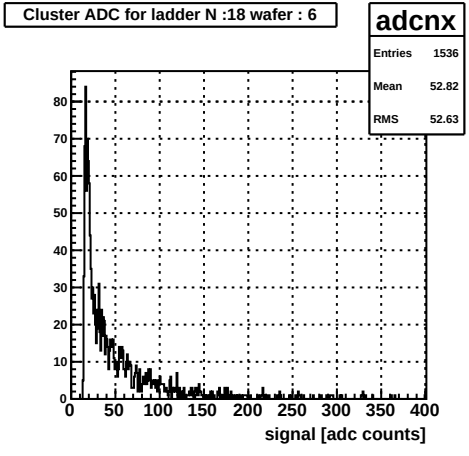

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 3118
Mean 39.7
RMS 45.04
signal [adc counts]

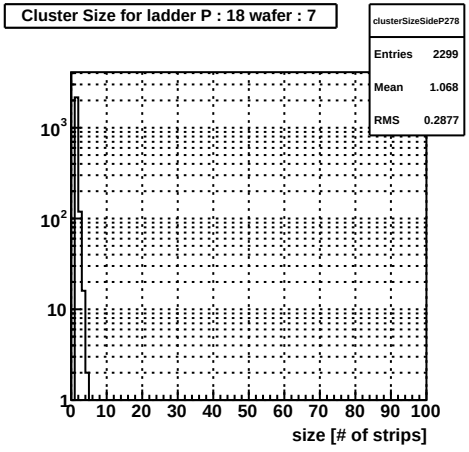

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1442
Mean 1.137
RMS 0.4247
size [# of strips]

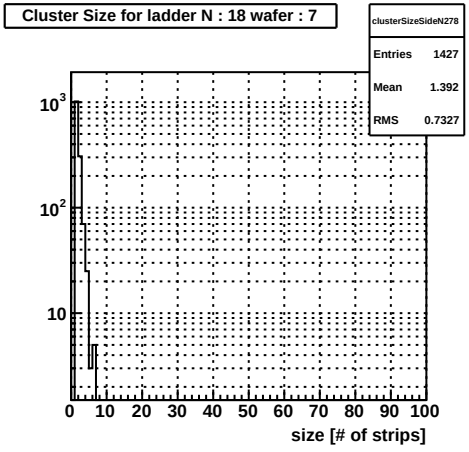

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1536
Mean 1.38
RMS 0.719
size [# of strips]

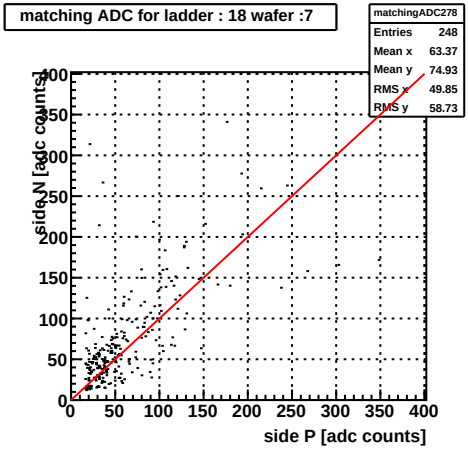

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 594
Mean x 69.49
Mean y 63.54
RMS x 59.19
RMS y 52.86
side N [adc counts]
side P [adc counts]

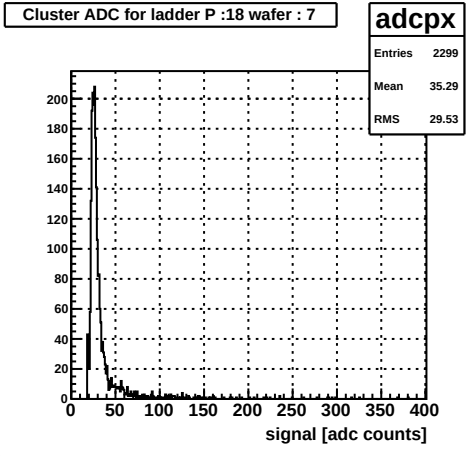

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1442
Mean 54.17
RMS 51.68
signal [adc counts]

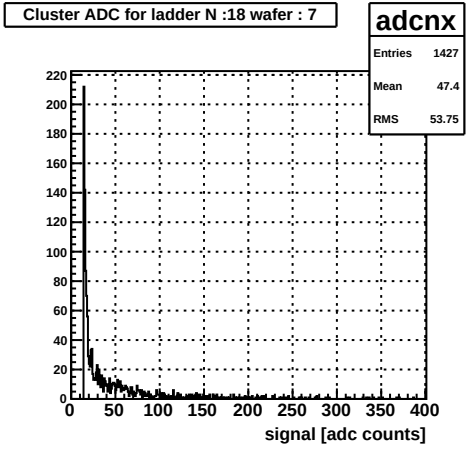

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1536
Mean 52.82
RMS 52.63
signal [adc counts]

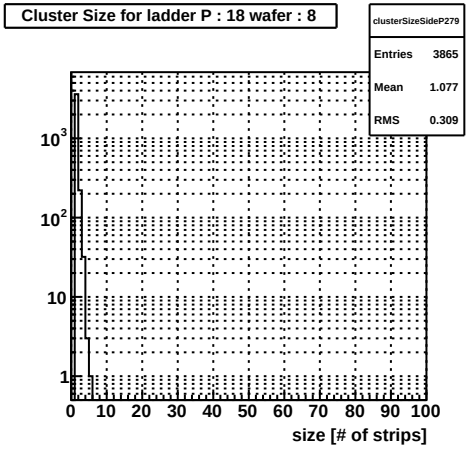

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 2299
Mean 1.068
RMS 0.2877
size [# of strips]

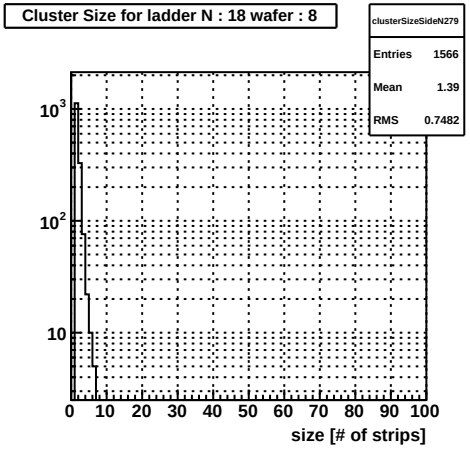

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1427
Mean 1.392
RMS 0.7327
size [# of strips]

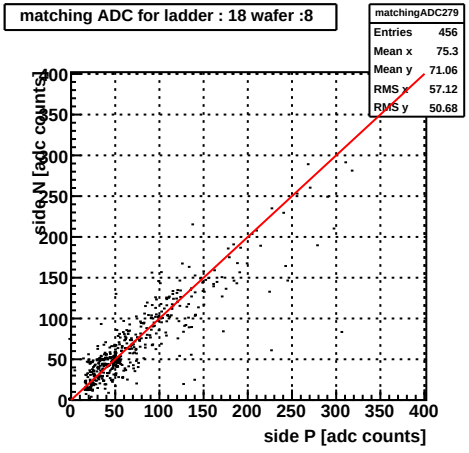

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 248
Mean x 63.37
Mean y 74.93
RMS x 49.85
RMS y 58.73
side N [adc counts]
side P [adc counts]

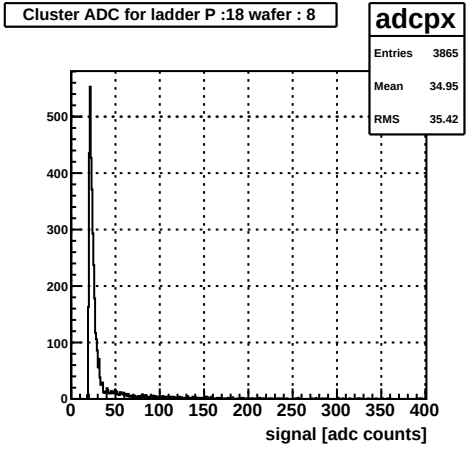

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 2299
Mean 35.29
RMS 29.53
signal [adc counts]

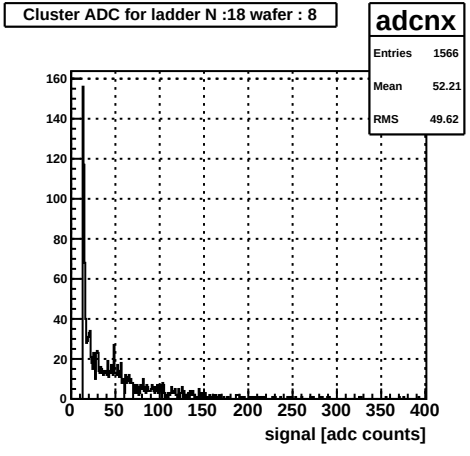

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1427
Mean 47.4
RMS 53.75
signal [adc counts]

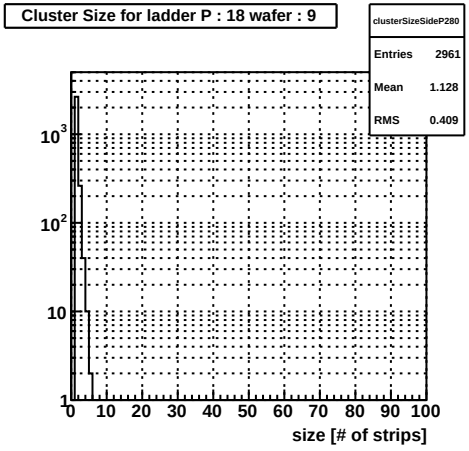

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 3865
Mean 1.077
RMS 0.309
size [# of strips]

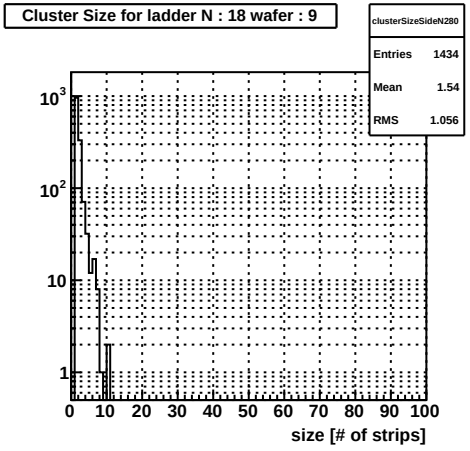

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1566
Mean 1.39
RMS 0.7482
size [# of strips]

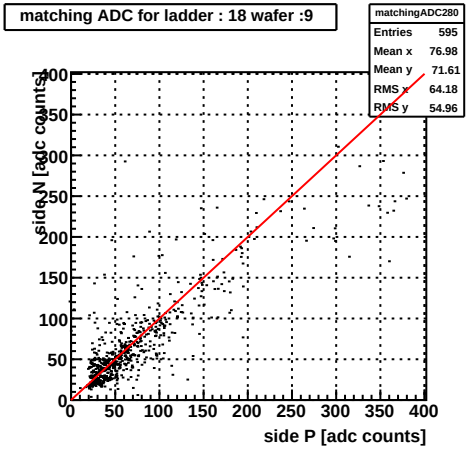

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 456
Mean x 75.3
Mean y 71.06
RMS x 57.12
RMS y 50.68
side N [adc counts]
side P [adc counts]

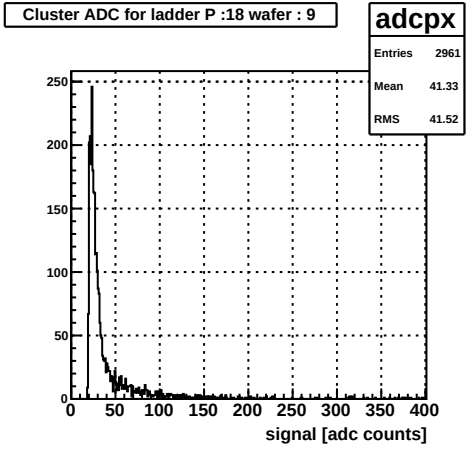

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 3865
Mean 34.95
RMS 35.42
signal [adc counts]

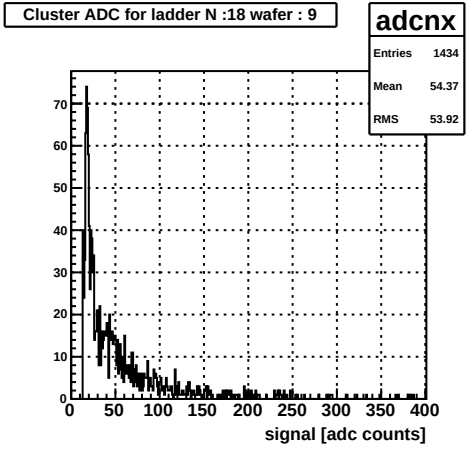

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1566
Mean 52.21
RMS 49.62
signal [adc counts]

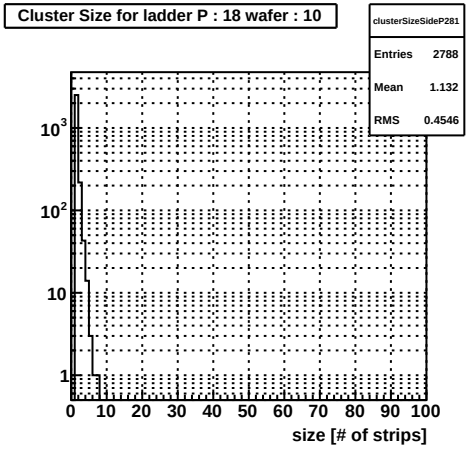

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 2961
Mean 1.128
RMS 0.409
size [# of strips]

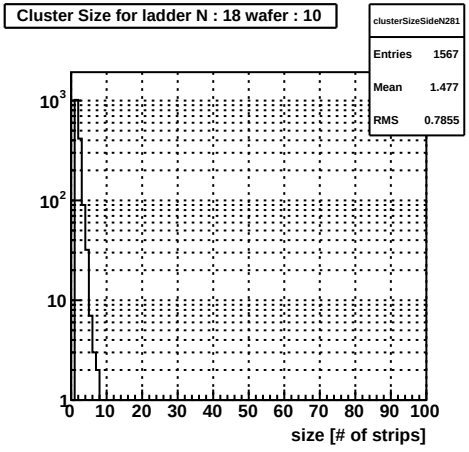

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1434
Mean 1.54
RMS 1.056
size [# of strips]

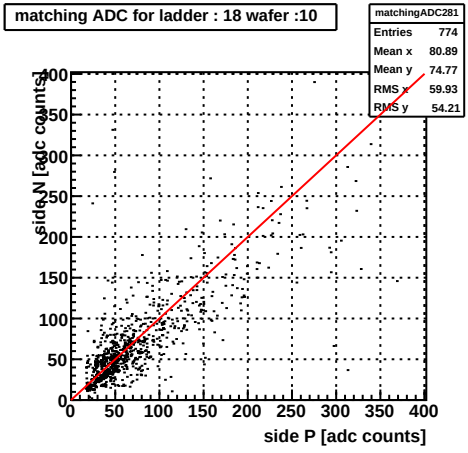

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 595
Mean x 76.98
Mean y 71.61
RMS x 64.18
RMS y 54.96
side N [adc counts]
side P [adc counts]

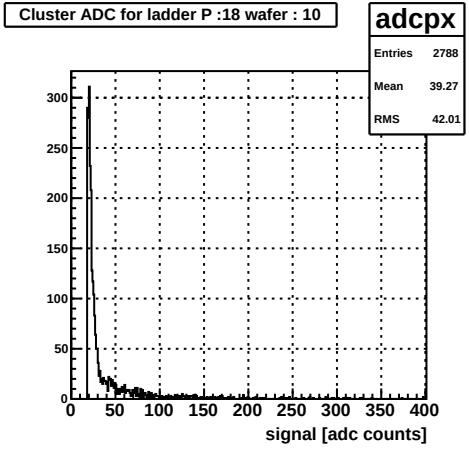

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 2961
Mean 41.33
RMS 41.52
signal [adc counts]

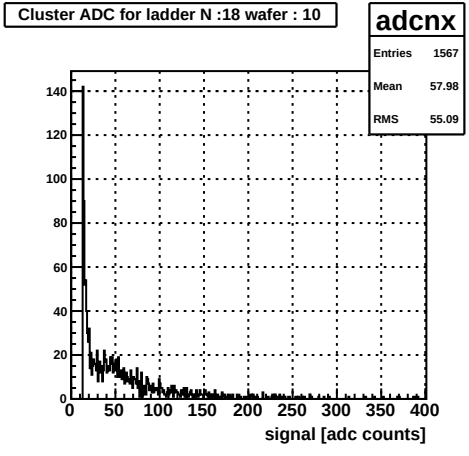

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1434
Mean 54.37
RMS 53.92
signal [adc counts]

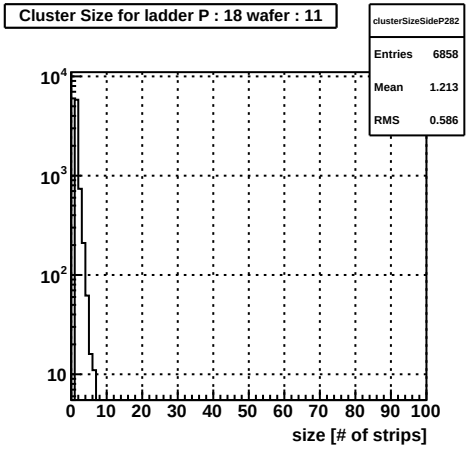

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 2788
Mean 1.132
RMS 0.4546
size [# of strips]

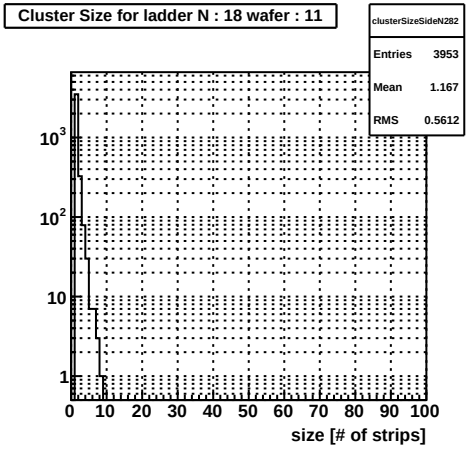

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1567
Mean 1.477
RMS 0.7855
size [# of strips]

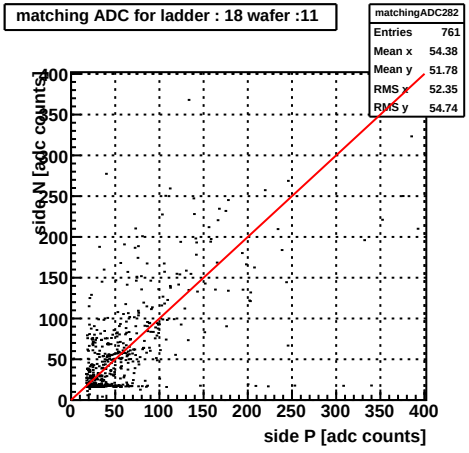

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 774
Mean x 80.89
Mean y 74.77
RMS x 59.93
RMS y 54.21
side N [adc counts]
side P [adc counts]

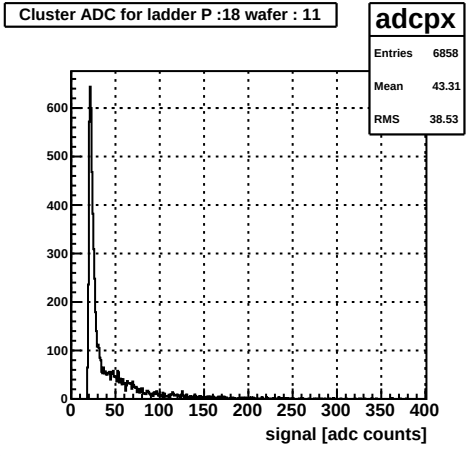

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 2788
Mean 39.27
RMS 42.01
signal [adc counts]

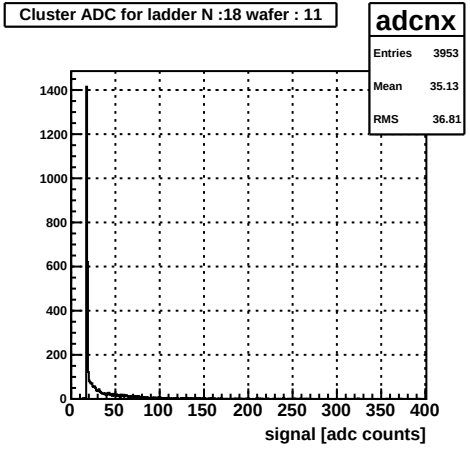

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1567
Mean 57.98
RMS 55.09
signal [adc counts]

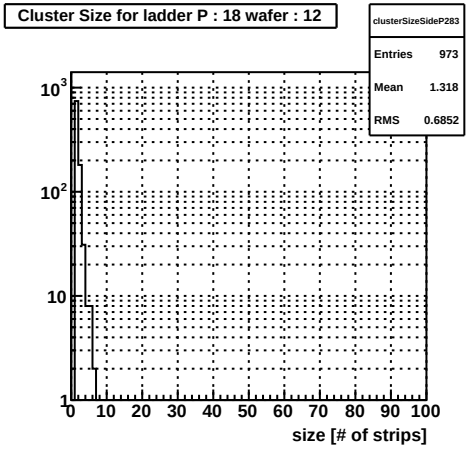

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 6858
Mean 1.213
RMS 0.586
size [# of strips]

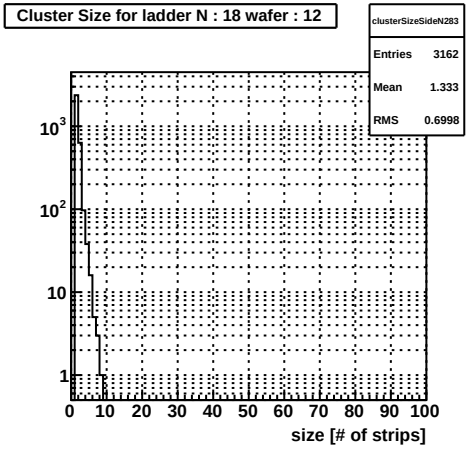

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3953
Mean 1.167
RMS 0.5612
size [# of strips]

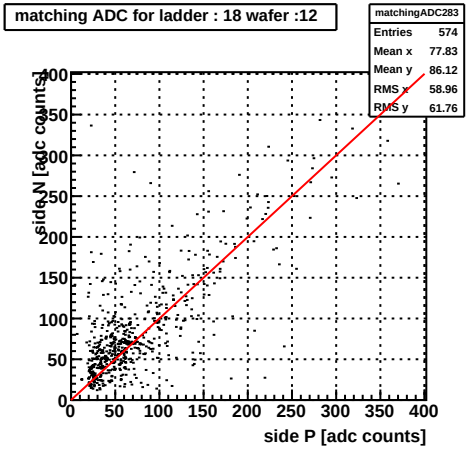

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 761
Mean x 54.38
Mean y 51.78
RMS x 52.35
RMS y 54.74
side N [adc counts]
side P [adc counts]

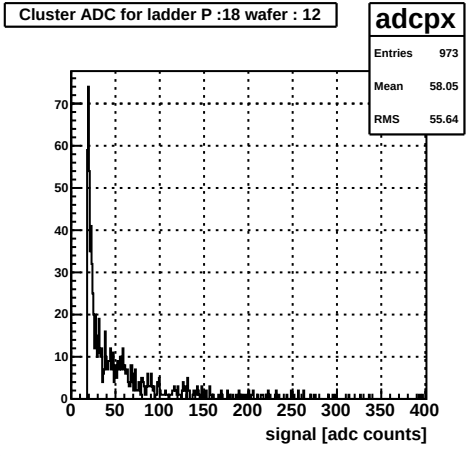

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 6858
Mean 43.31
RMS 38.53
signal [adc counts]

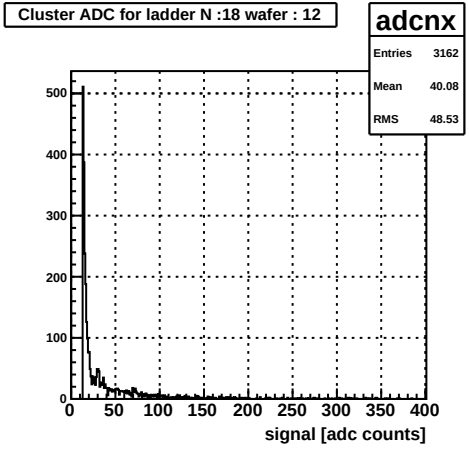

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3953
Mean 35.13
RMS 36.81
signal [adc counts]

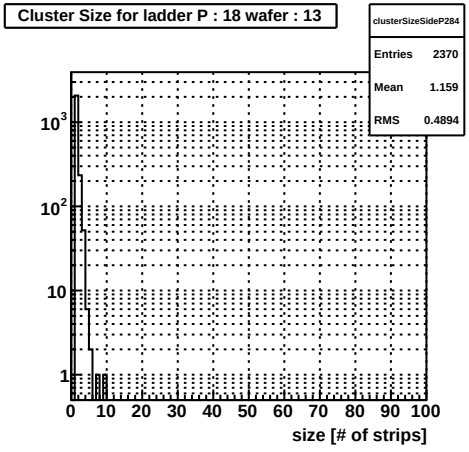

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 973
Mean 1.318
RMS 0.6852
size [# of strips]

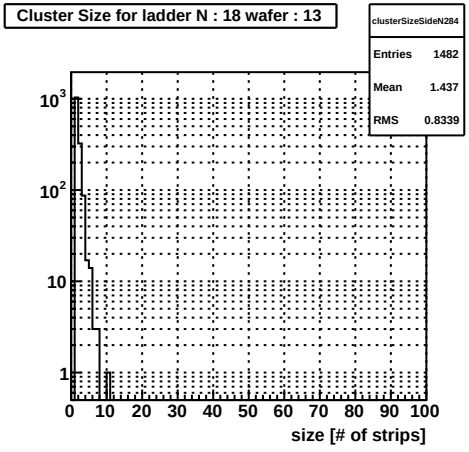

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3162
Mean 1.333
RMS 0.6998
size [# of strips]

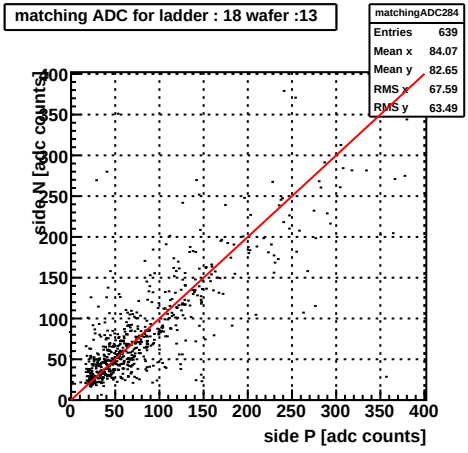

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 574
Mean x 77.83
Mean y 86.12
RMS x 58.96
RMS y 61.76
side N [adc counts]
side P [adc counts]

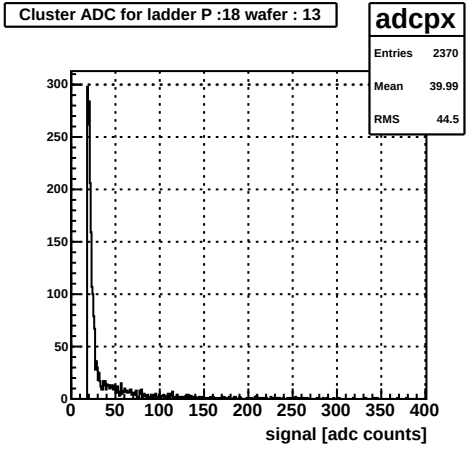

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 973
Mean 58.05
RMS 55.64
signal [adc counts]

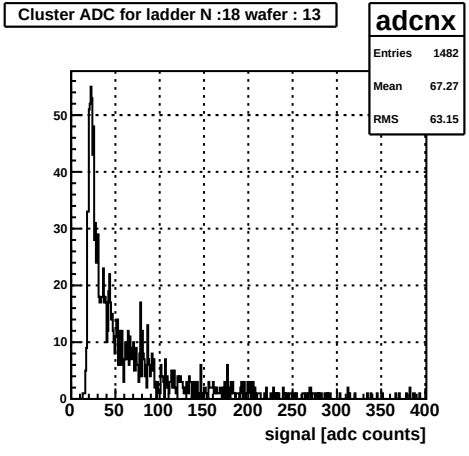

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3162
Mean 40.08
RMS 48.53
signal [adc counts]

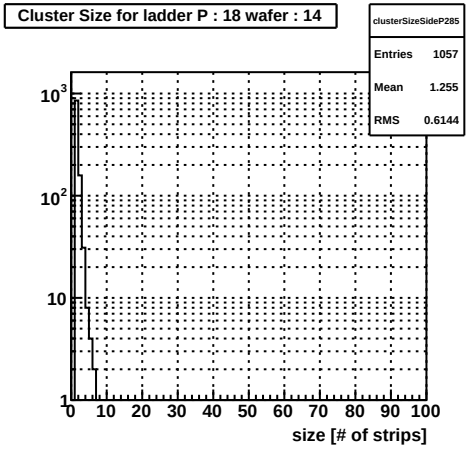

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2370
Mean 1.159
RMS 0.4894
size [# of strips]

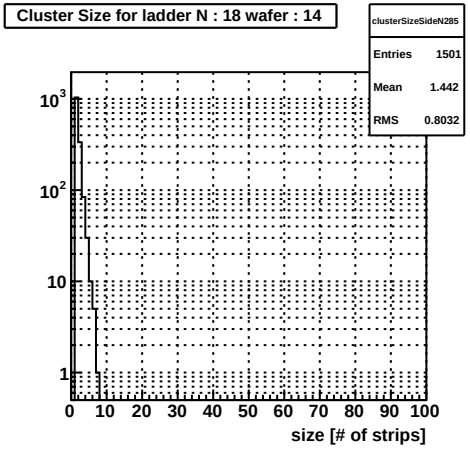

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1482
Mean 1.437
RMS 0.8339
size [# of strips]

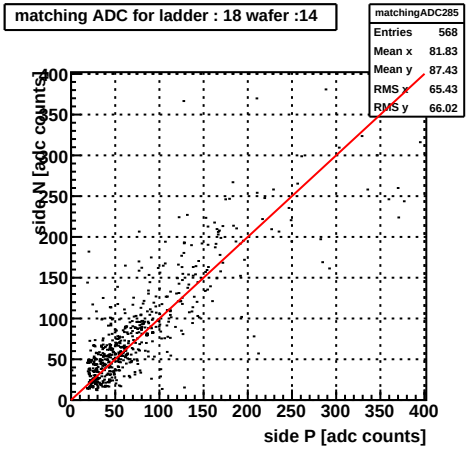

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 639
Mean x 84.07
Mean y 82.65
RMS x 67.59
RMS y 63.49
side N [adc counts]
side P [adc counts]

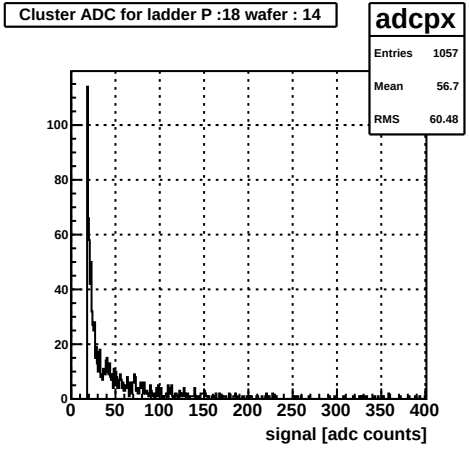

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2370
Mean 39.99
RMS 44.5
signal [adc counts]

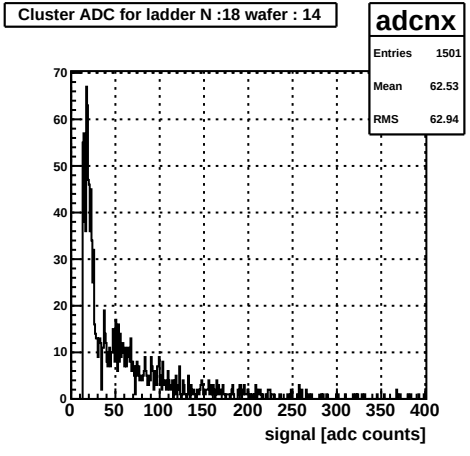

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1482
Mean 67.27
RMS 63.15
signal [adc counts]

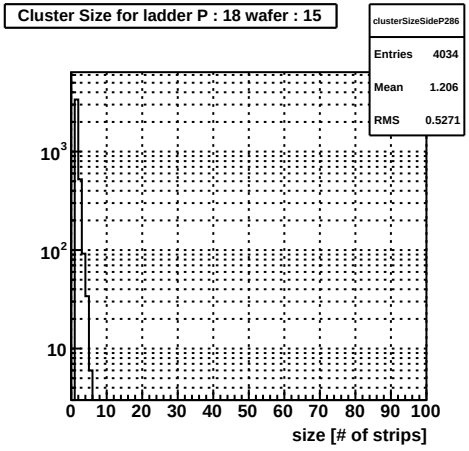

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1057
Mean 1.255
RMS 0.6144
size [# of strips]

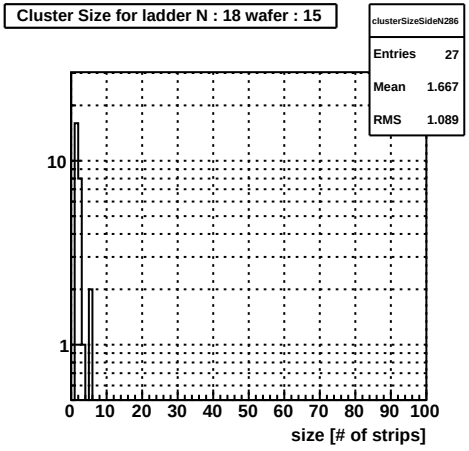

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1501
Mean 1.442
RMS 0.8032
size [# of strips]

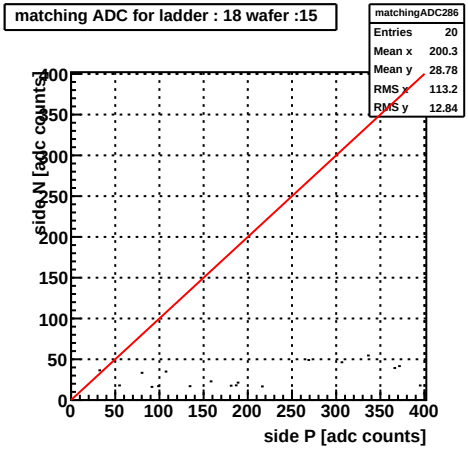

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 568
Mean x 81.83
Mean y 87.43
RMS x 65.43
RMS y 66.02
side N [adc counts]
side P [adc counts]

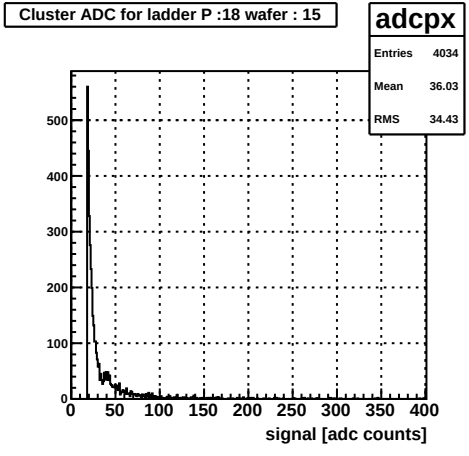

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1057
Mean 56.7
RMS 60.48
signal [adc counts]

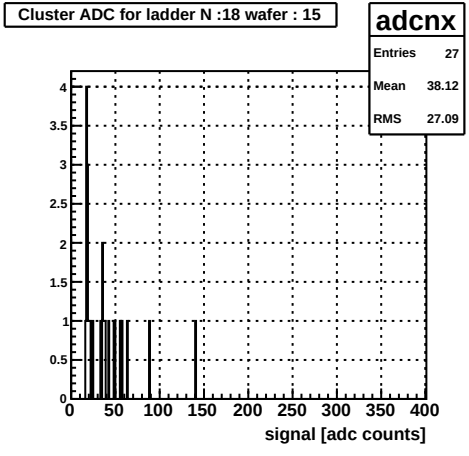

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1501
Mean 62.53
RMS 62.94
signal [adc counts]

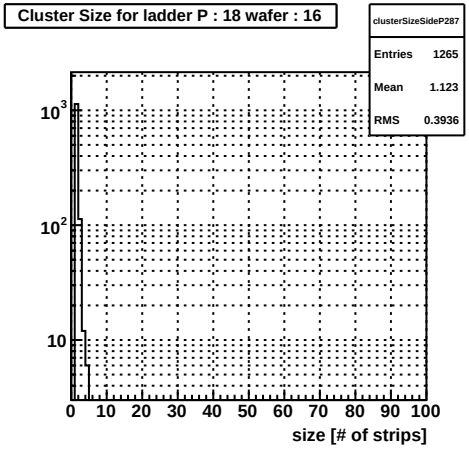

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 4034
Mean 1.206
RMS 0.5271
size [# of strips]

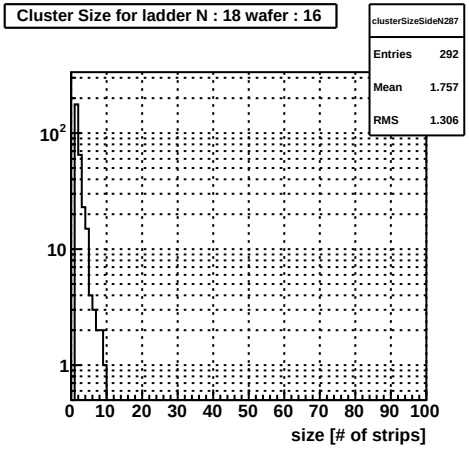

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 27
Mean 1.667
RMS 1.089
size [# of strips]

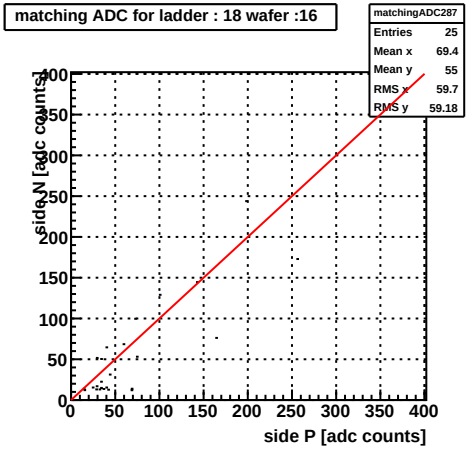

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 20
Mean x 200.3
Mean y 28.78
RMS x 113.2
RMS y 12.84
side N [adc counts]
side P [adc counts]

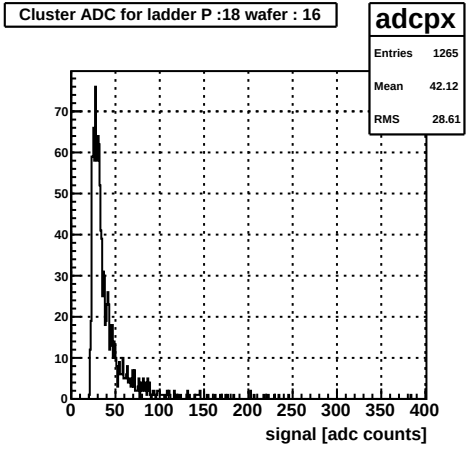

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 4034
Mean 36.03
RMS 34.43
signal [adc counts]

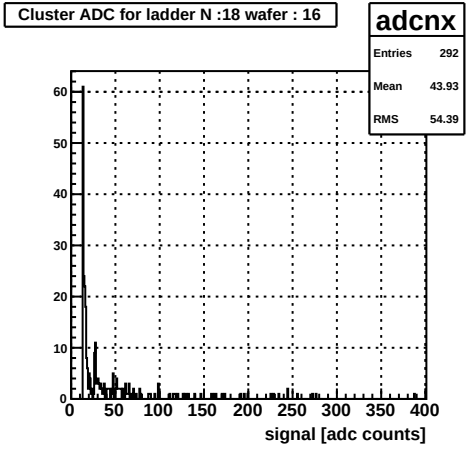

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 27
Mean 38.12
RMS 27.09
signal [adc counts]

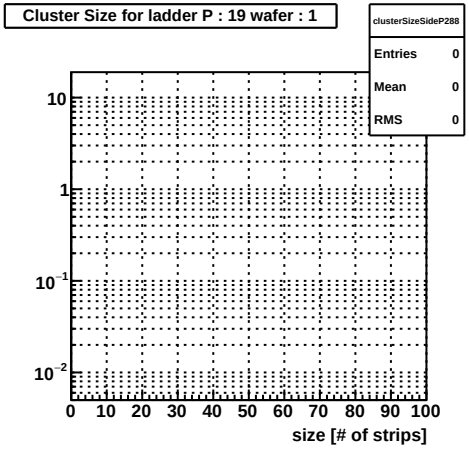

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1265
Mean 1.123
RMS 0.3936
size [# of strips]

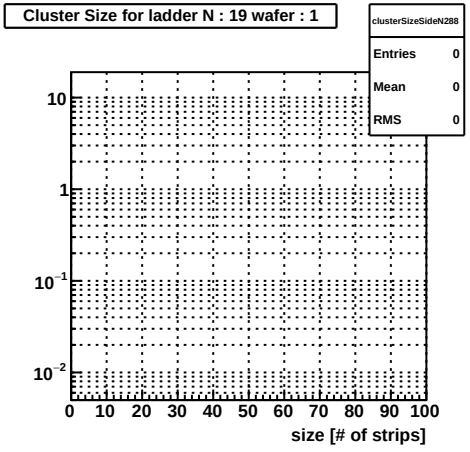

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 292
Mean 1.757
RMS 1.306
size [# of strips]

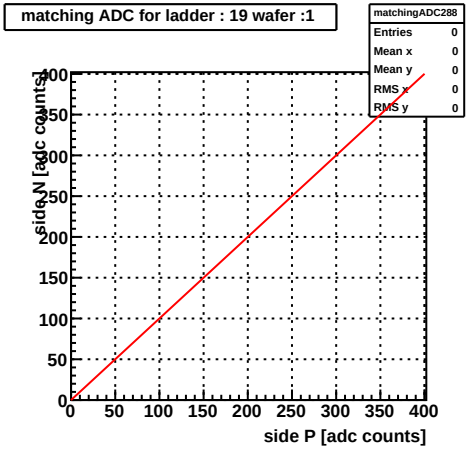

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 25
Mean x 69.4
Mean y 55
RMS x 59.7
RMS y 59.18
side N [adc counts]
side P [adc counts]

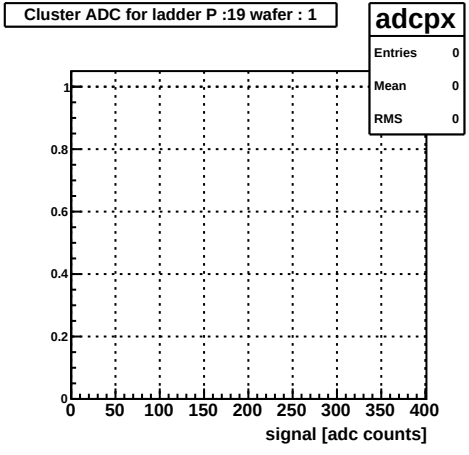

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1265
Mean 42.12
RMS 28.61
signal [adc counts]

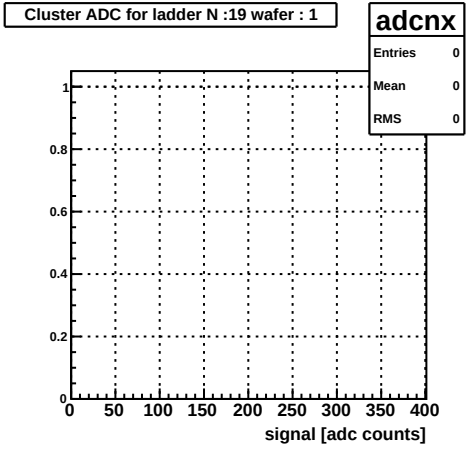

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 292
Mean 43.93
RMS 54.39
signal [adc counts]

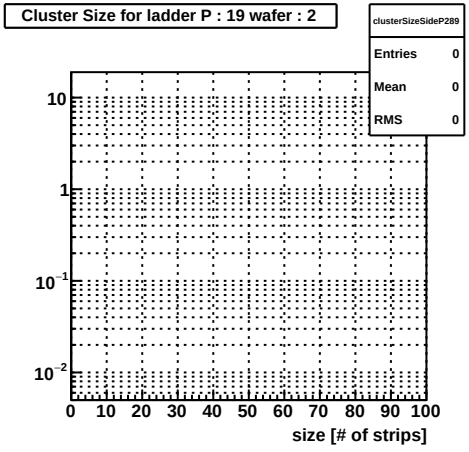

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

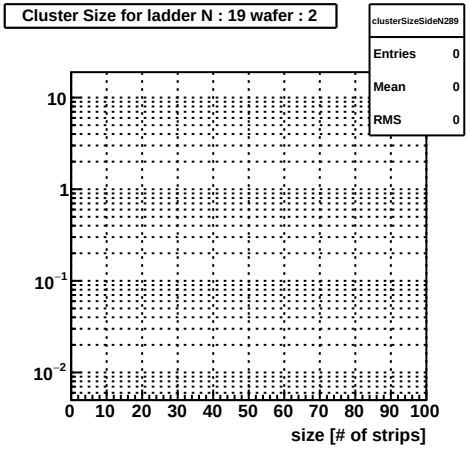

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

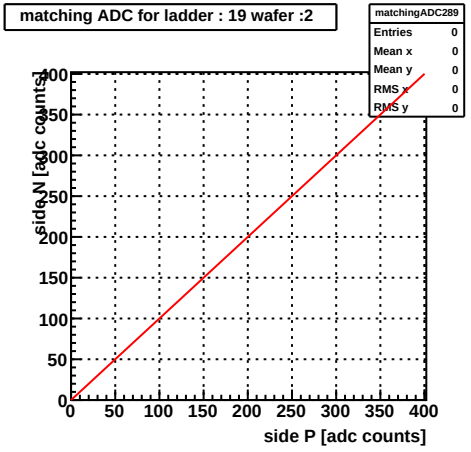

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

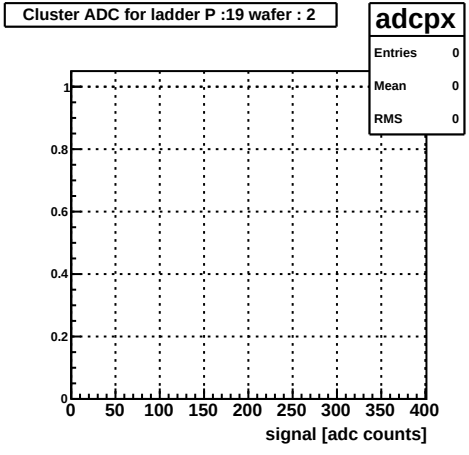

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

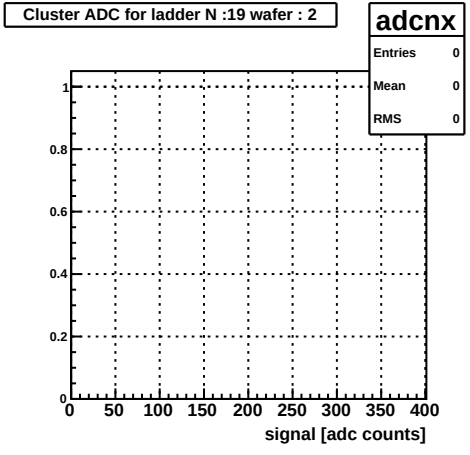

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

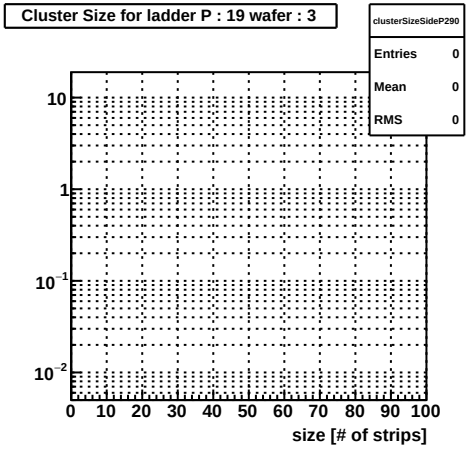

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

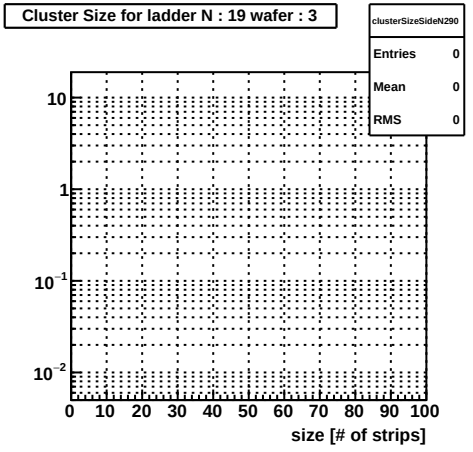

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

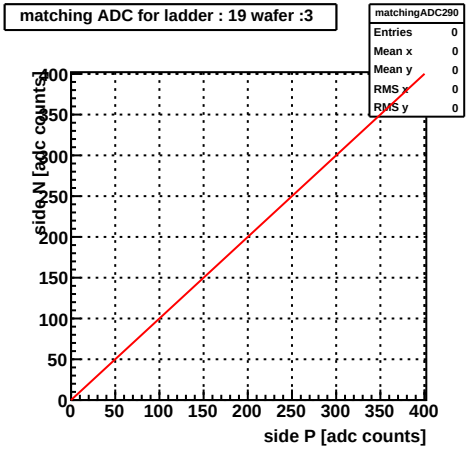

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

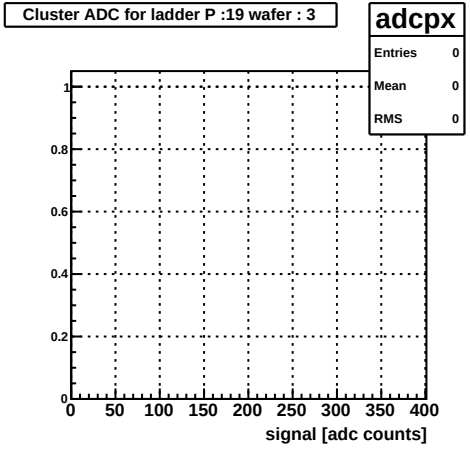

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

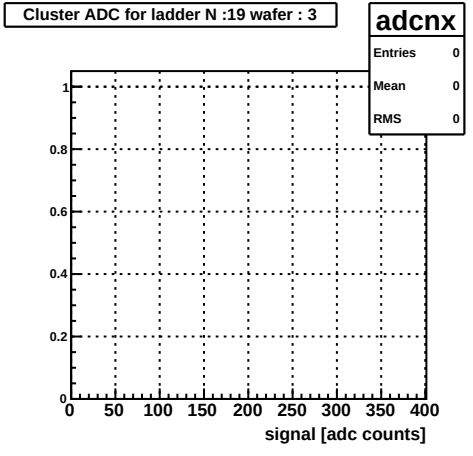

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

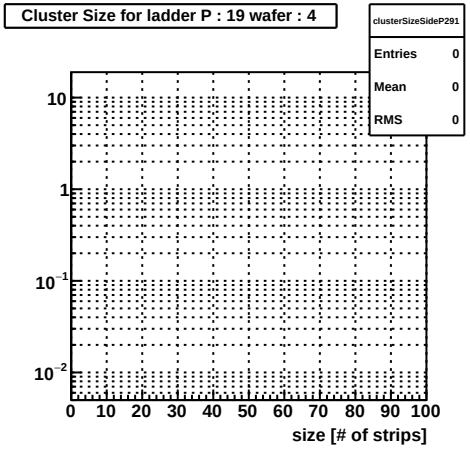

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

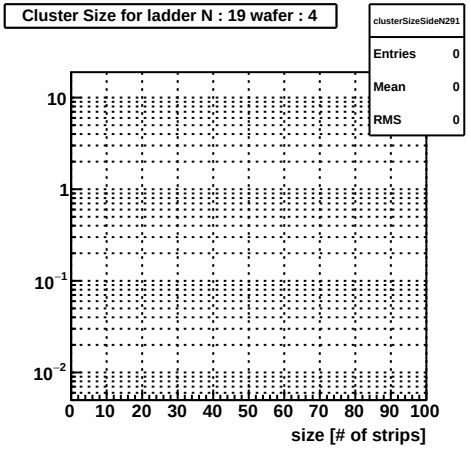

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

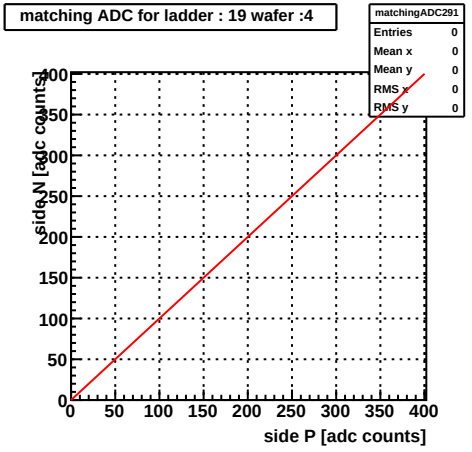

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

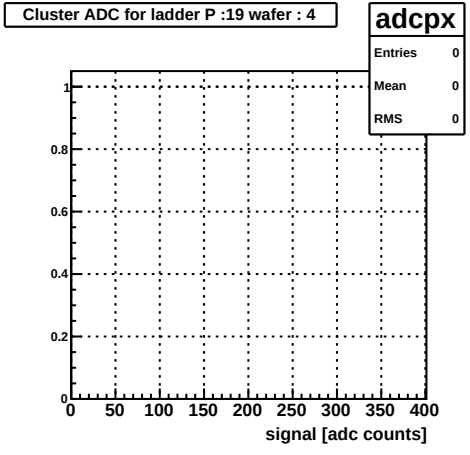

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

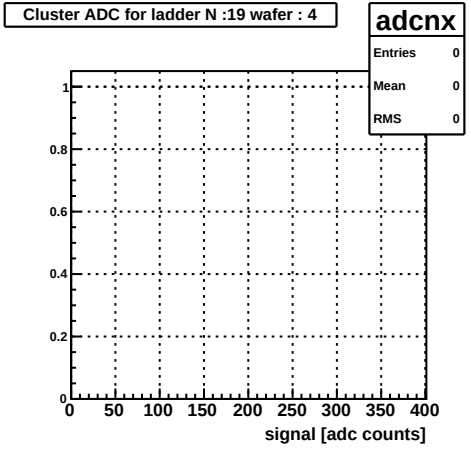

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

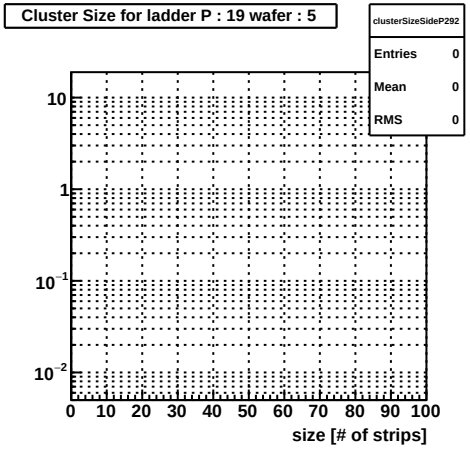

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

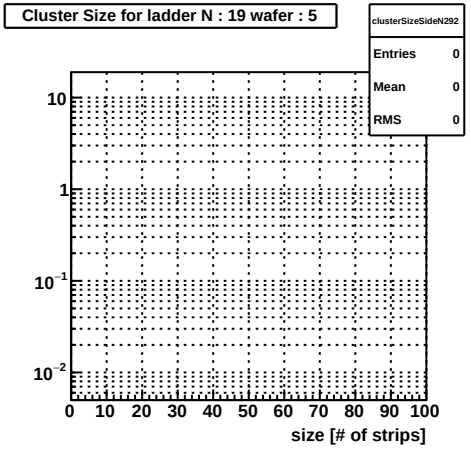

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

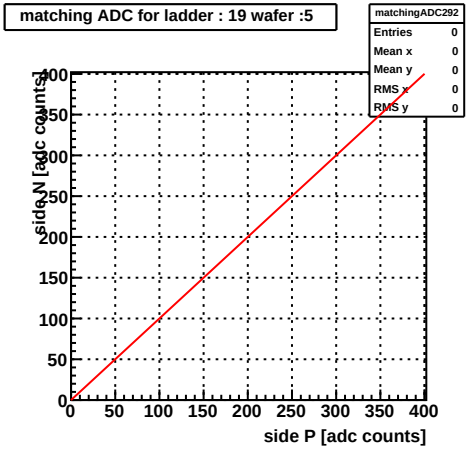

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

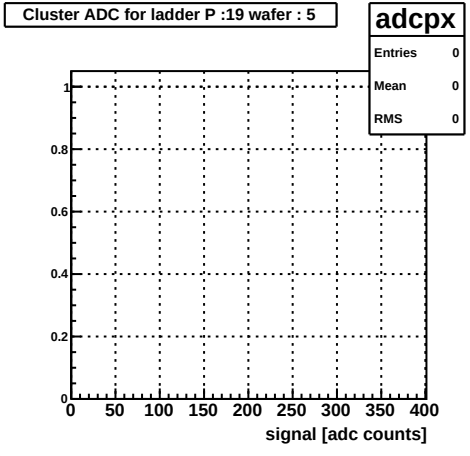

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

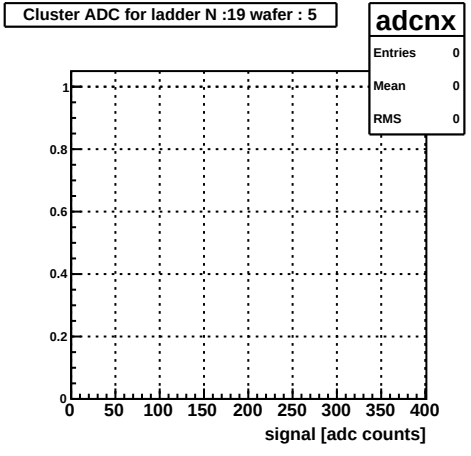

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

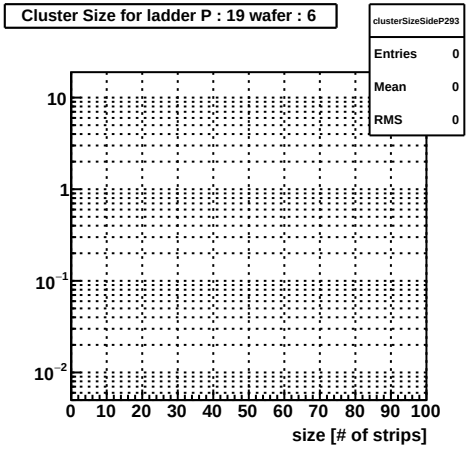

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

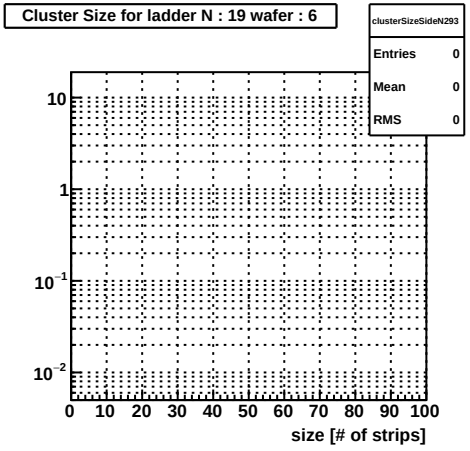

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

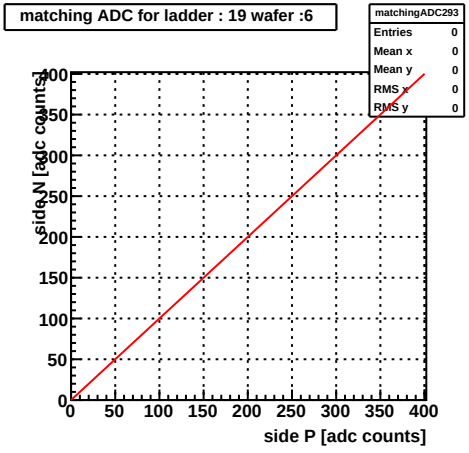

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

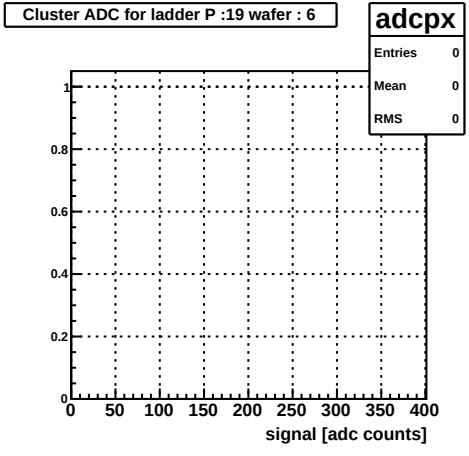

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

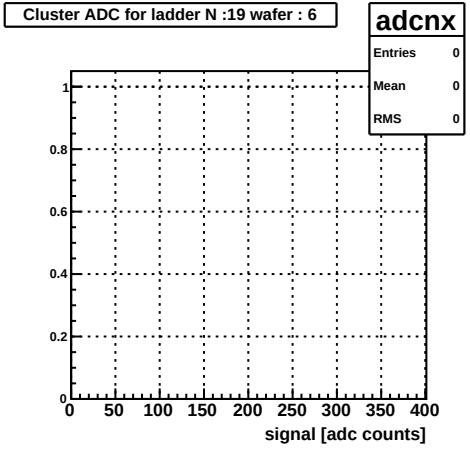

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

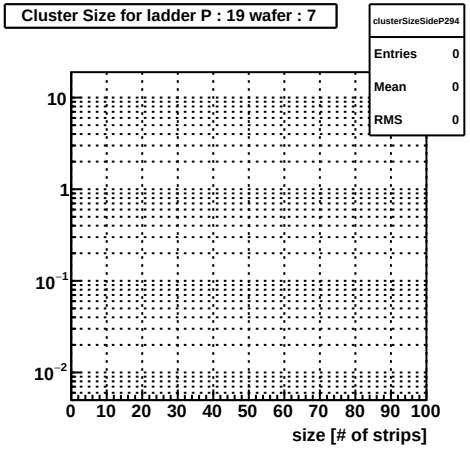

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

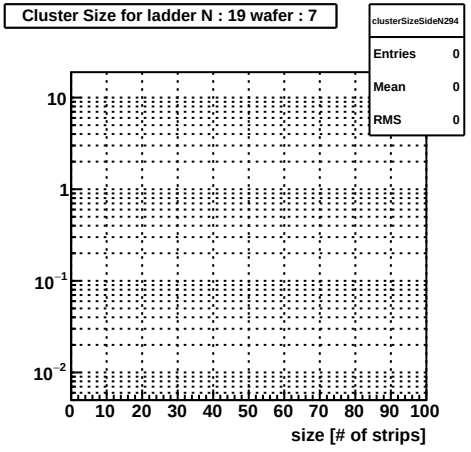

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

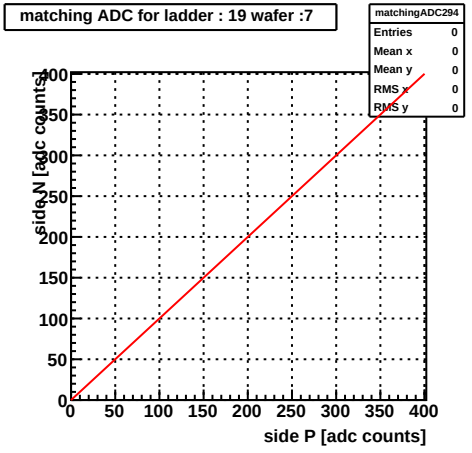

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

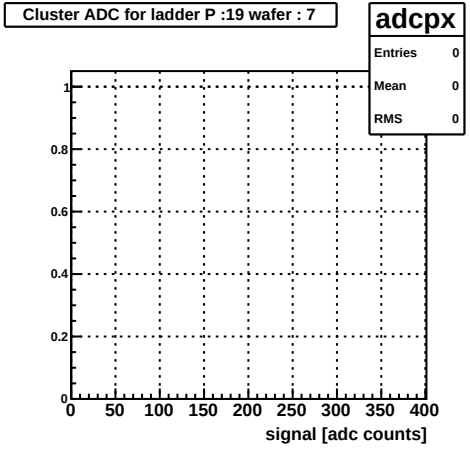

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

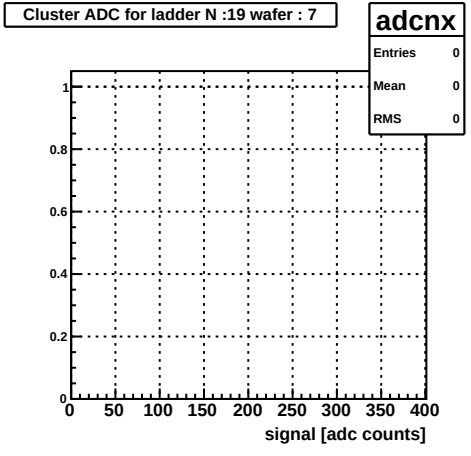

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

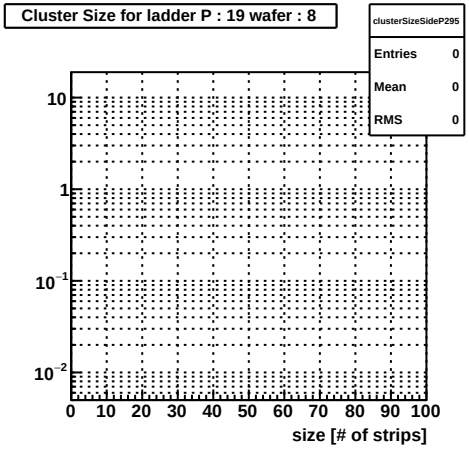

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

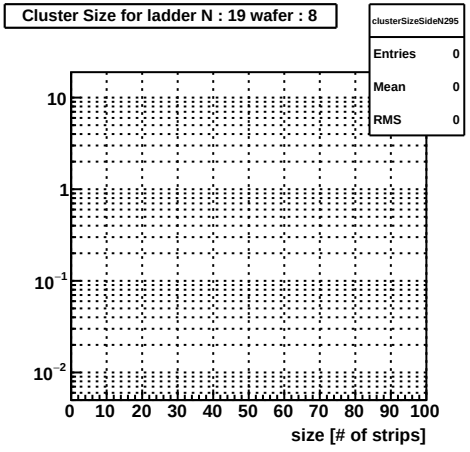

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

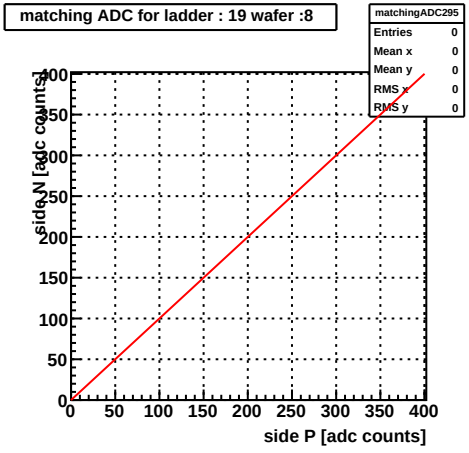

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

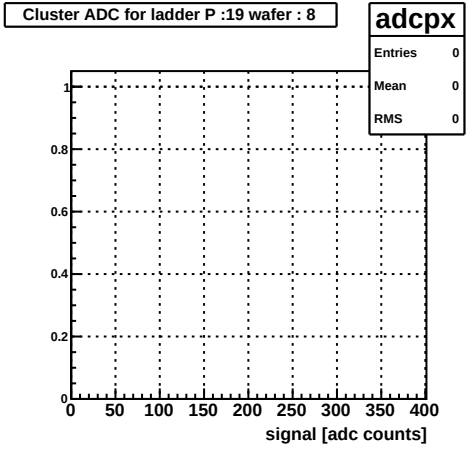

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

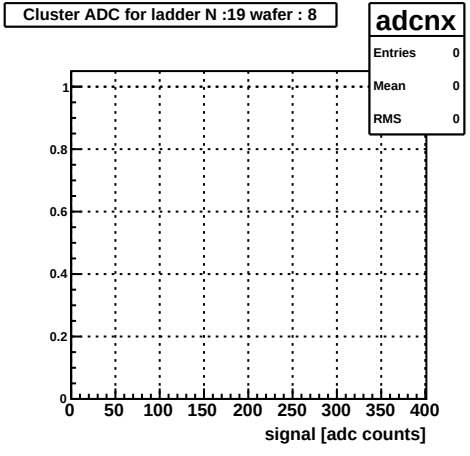

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

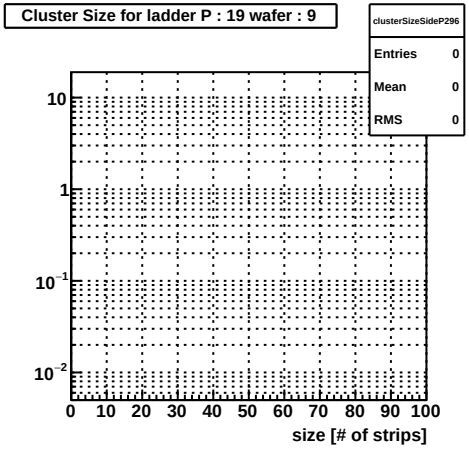

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

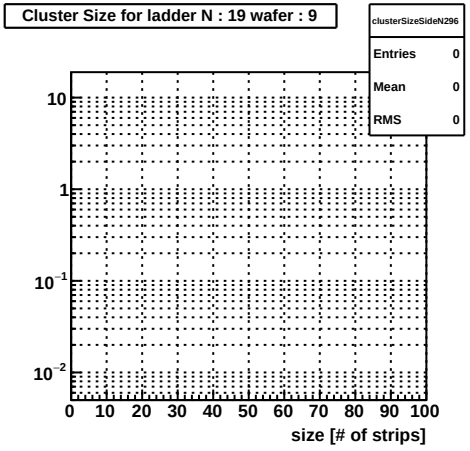

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

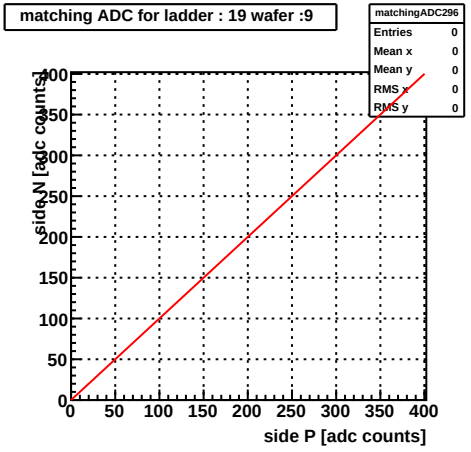

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

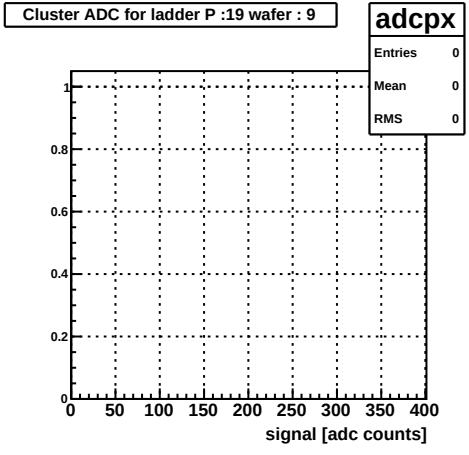

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

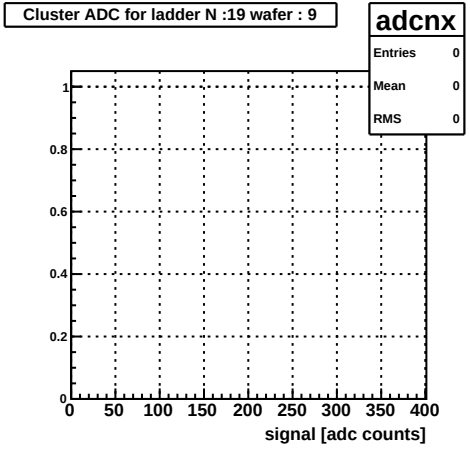

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

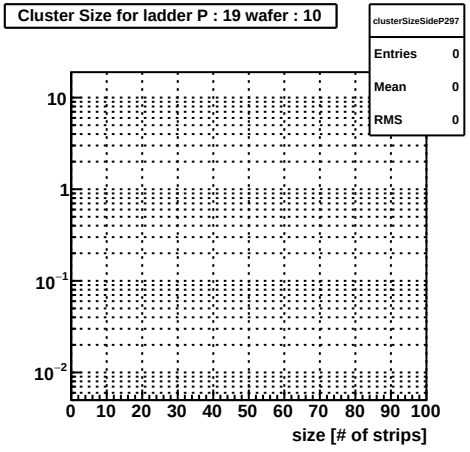

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

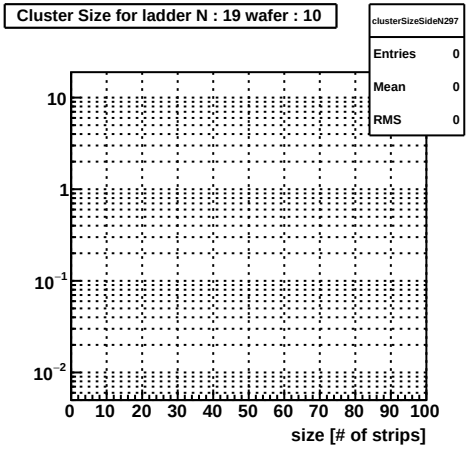

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

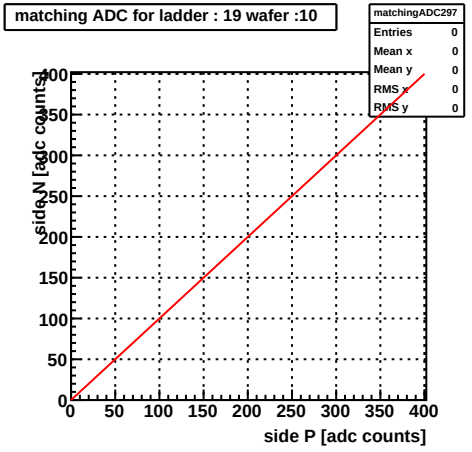

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

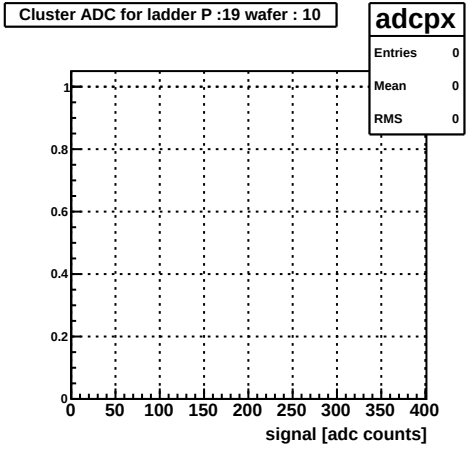

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

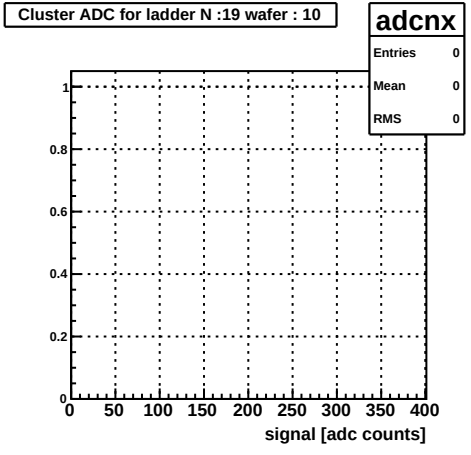

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

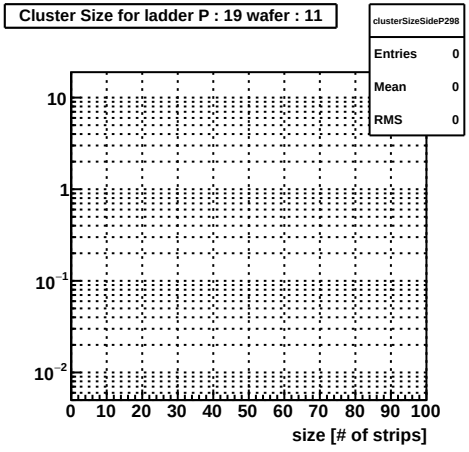

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

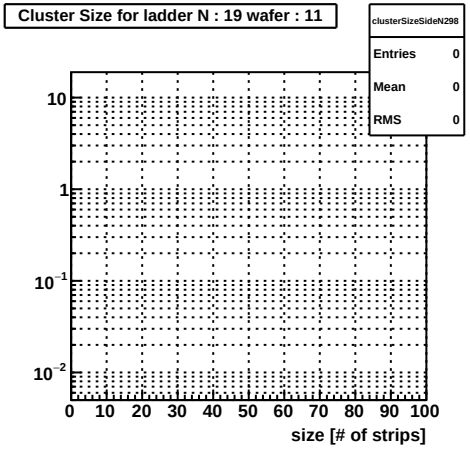

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

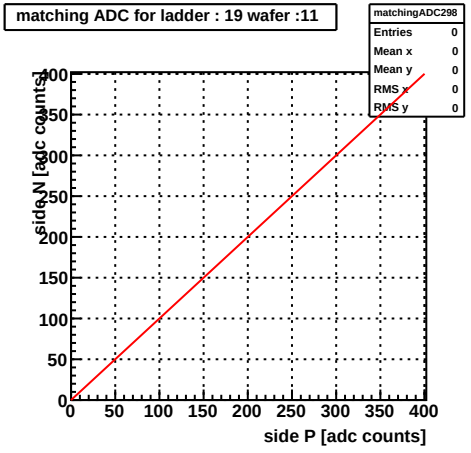

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

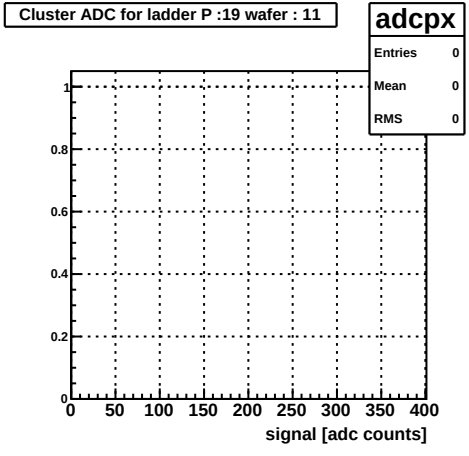

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

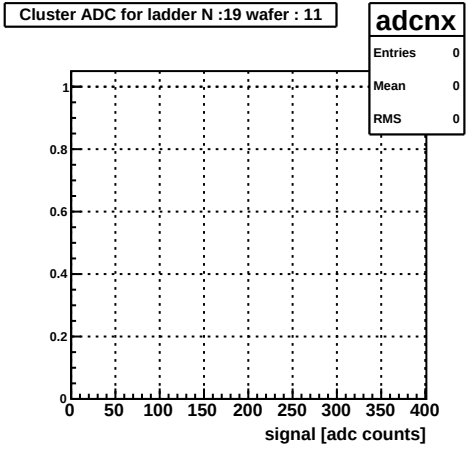

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

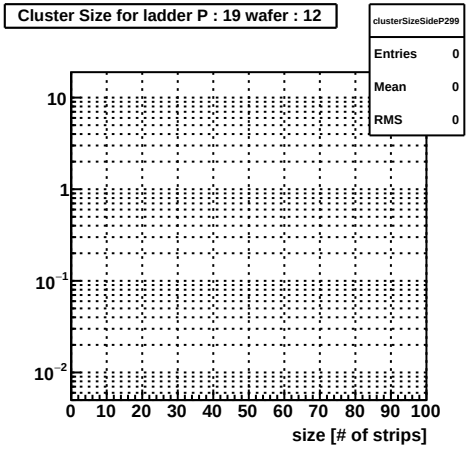

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

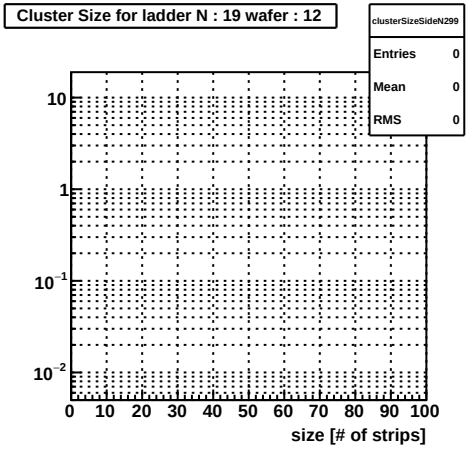

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

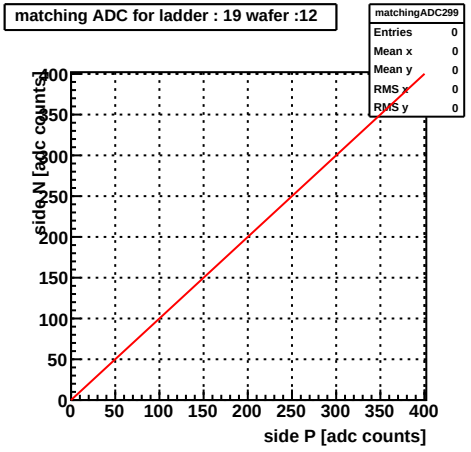

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

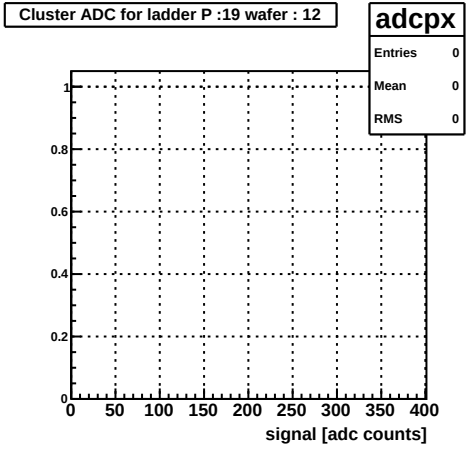

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

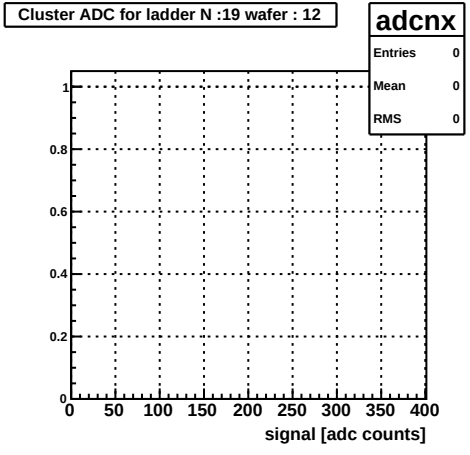

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

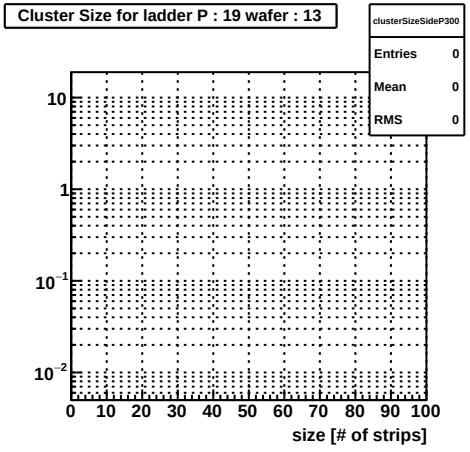

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

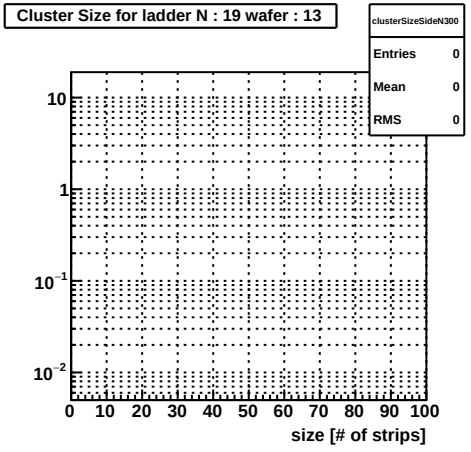

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

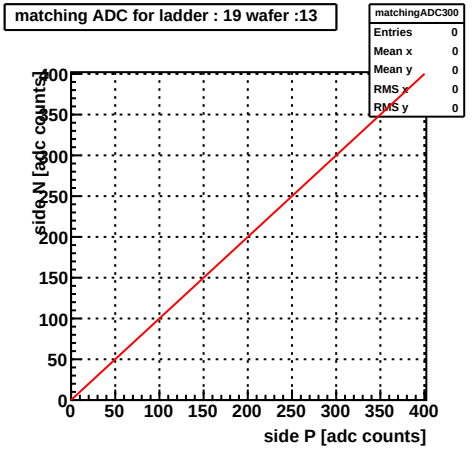

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

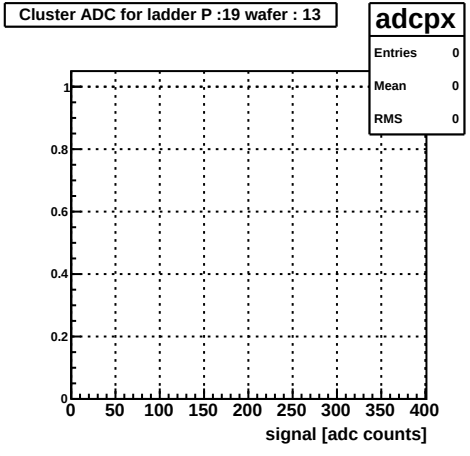

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

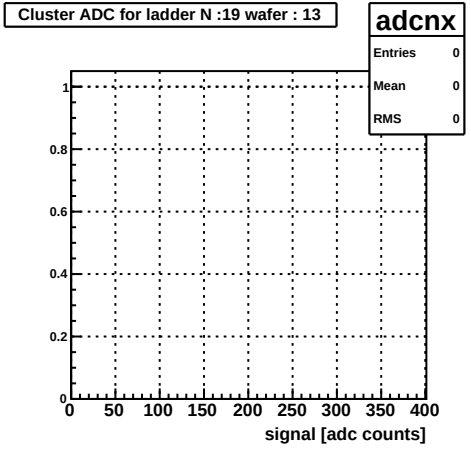

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

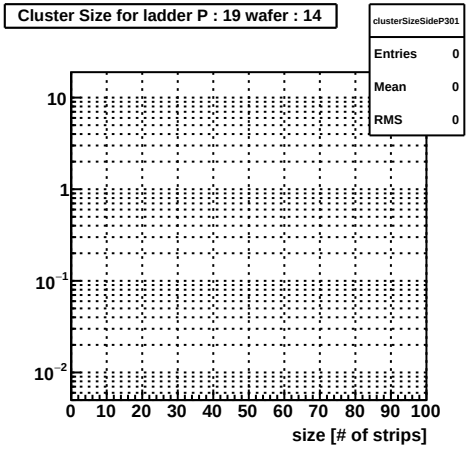

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

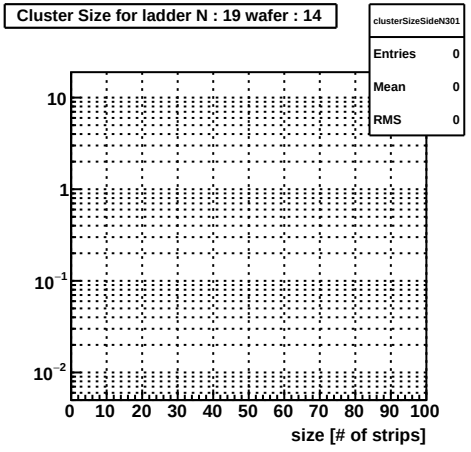

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

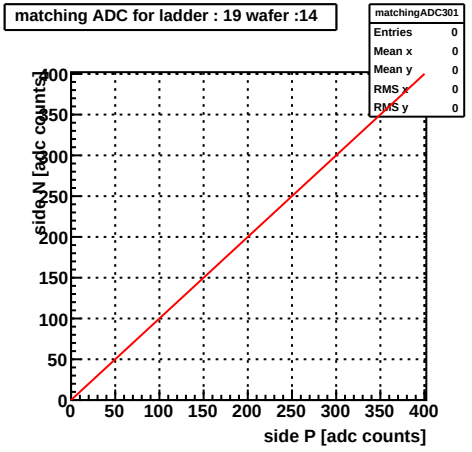

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

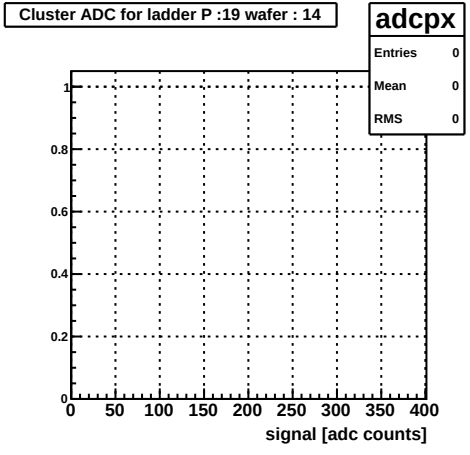

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

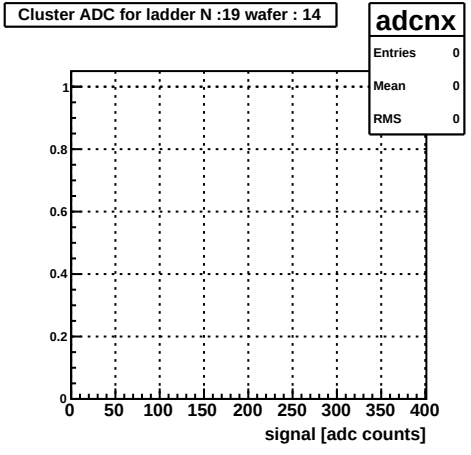

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

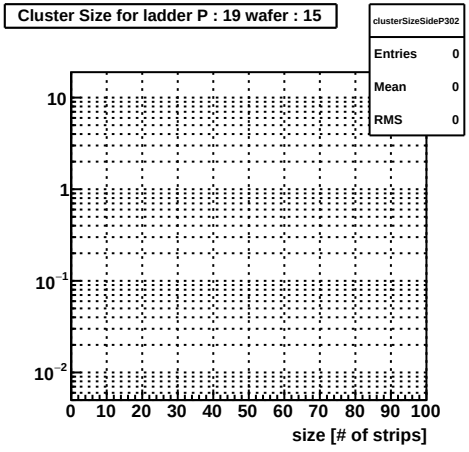

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

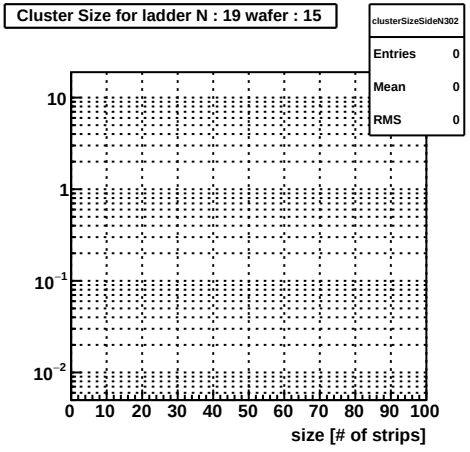

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

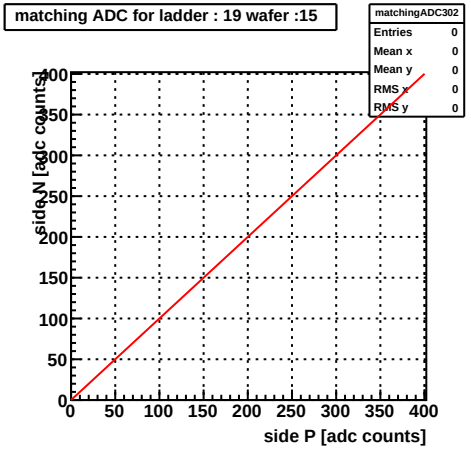

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

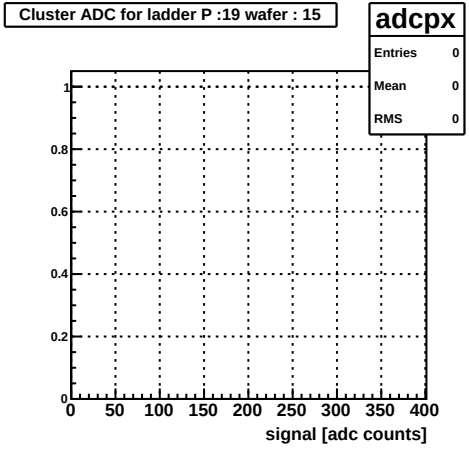

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

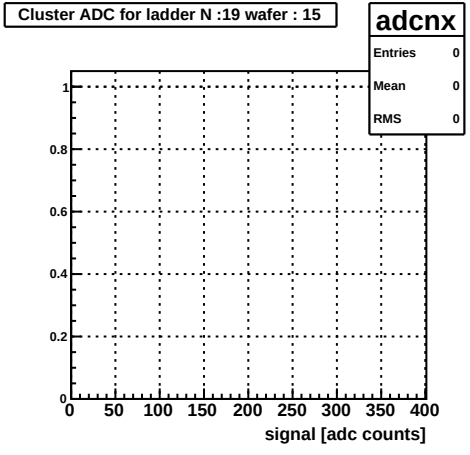

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

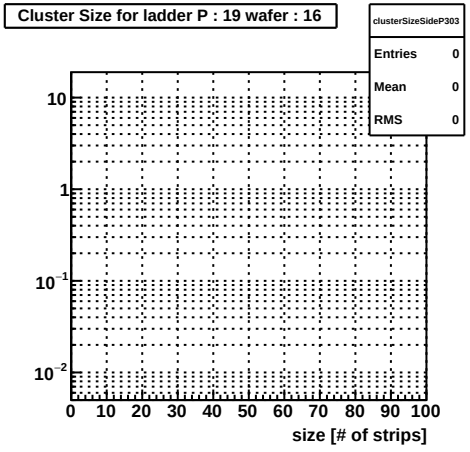

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

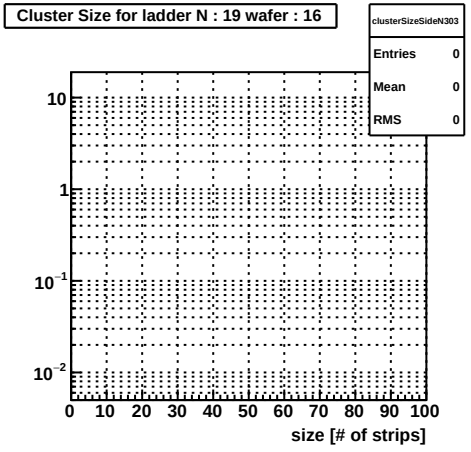

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

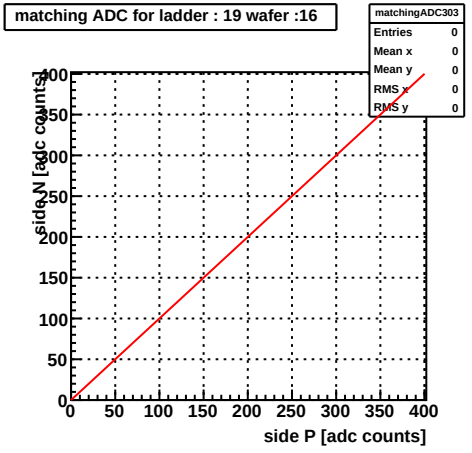

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

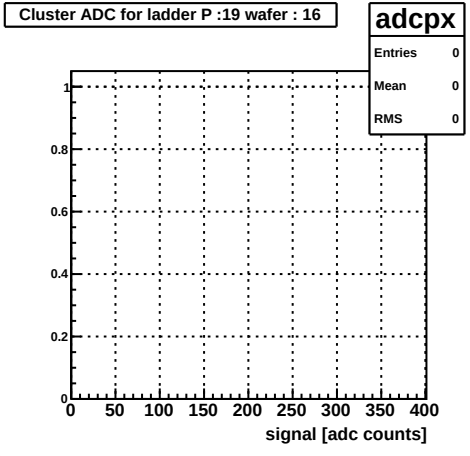

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

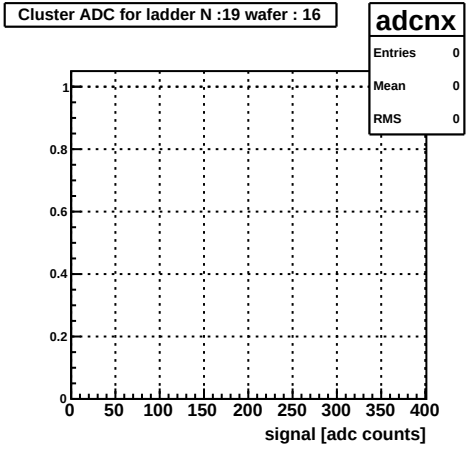

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

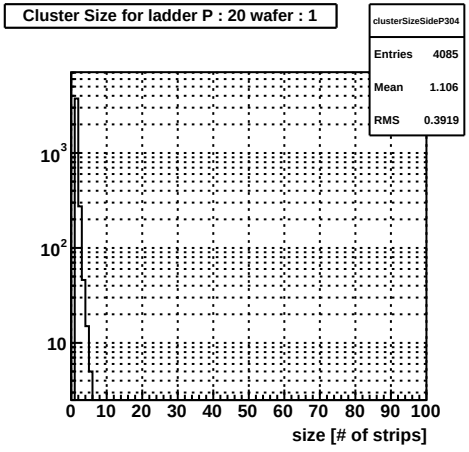

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

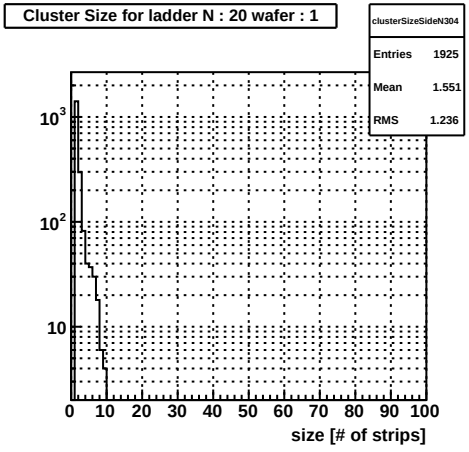

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

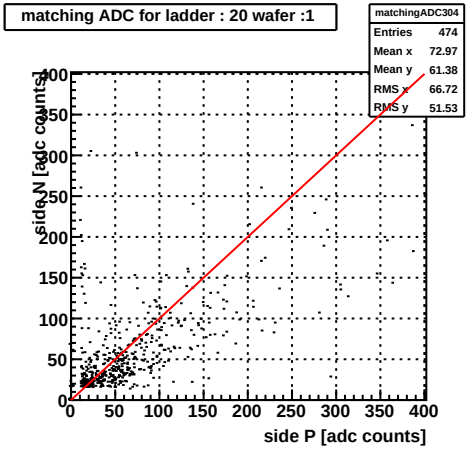

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

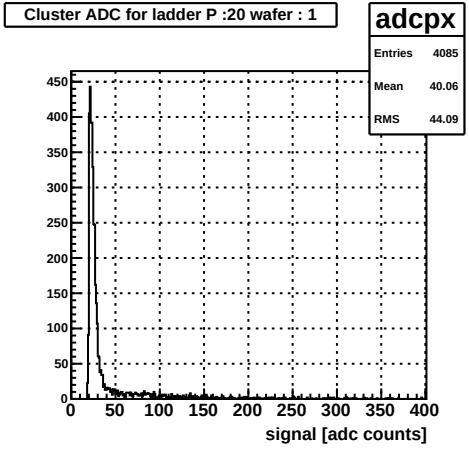

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

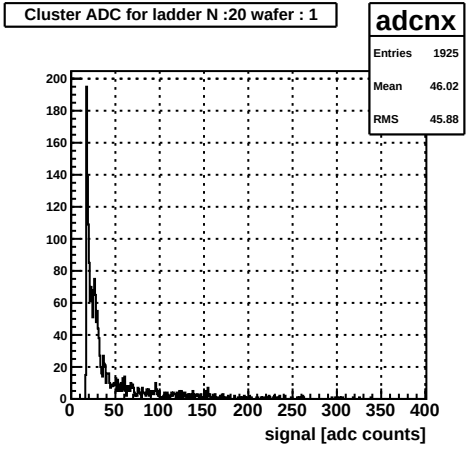

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

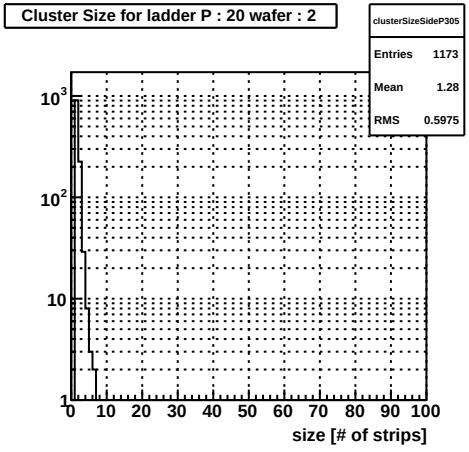

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 4085
Mean 1.106
RMS 0.3919
size [# of strips]

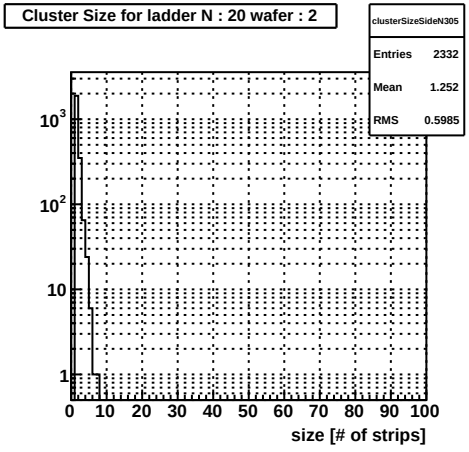

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 1925
Mean 1.551
RMS 1.236
size [# of strips]

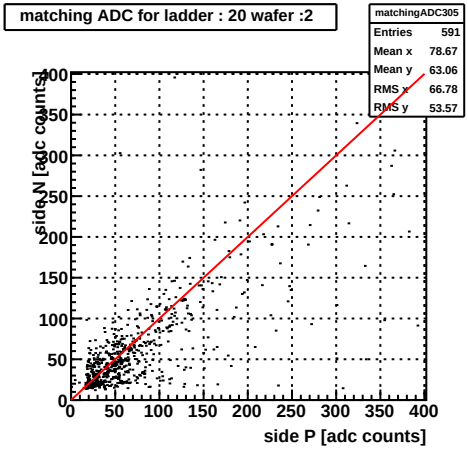

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 474
Mean x 72.97
Mean y 61.38
RMS x 66.72
RMS y 51.53
side N [adc counts]
side P [adc counts]

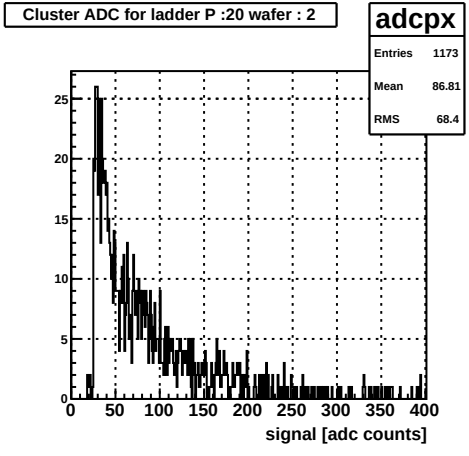

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 4085
Mean 40.06
RMS 44.09
signal [adc counts]

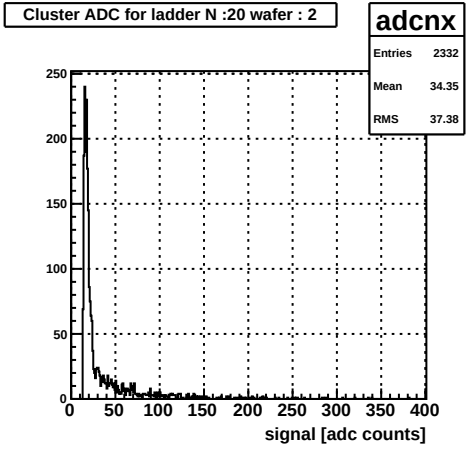

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 1925
Mean 46.02
RMS 45.88
signal [adc counts]

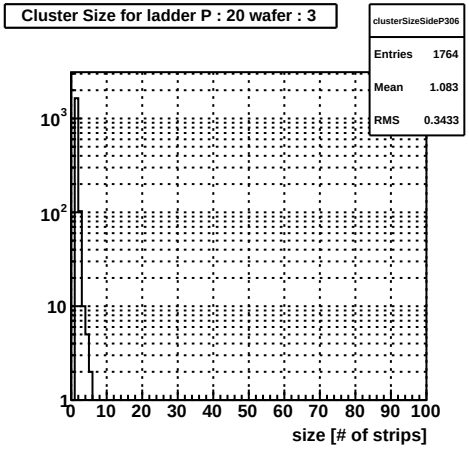

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1173
Mean 1.28
RMS 0.5975
size [# of strips]

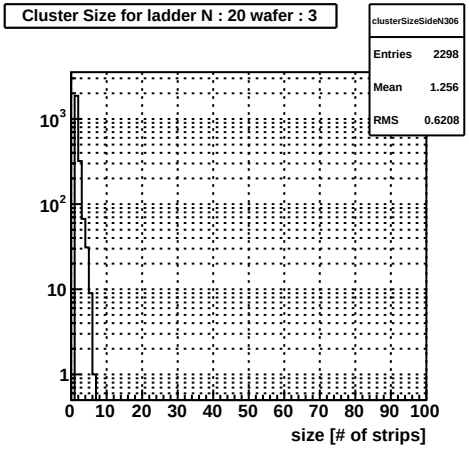

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2332
Mean 1.252
RMS 0.5985
size [# of strips]

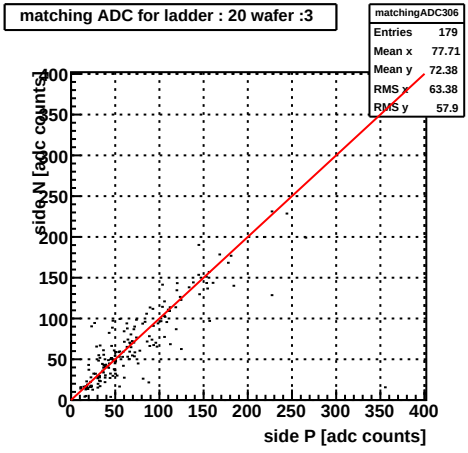

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 591
Mean x 78.67
Mean y 63.06
RMS x 66.78
RMS y 53.57
side N [adc counts]
side P [adc counts]

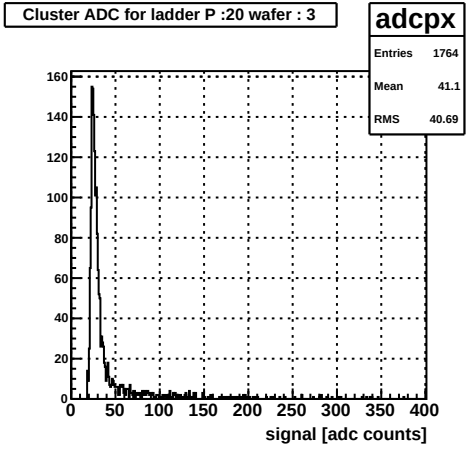

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1173
Mean 86.81
RMS 68.4
signal [adc counts]

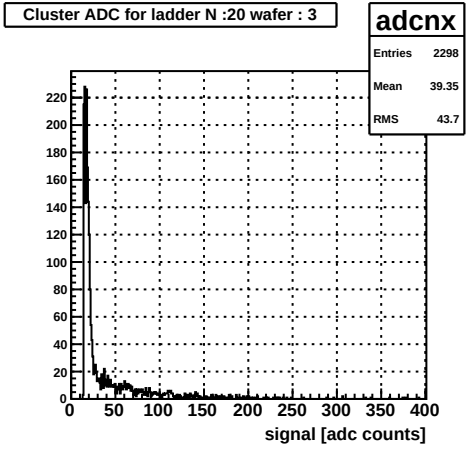

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2332
Mean 34.35
RMS 37.38
signal [adc counts]

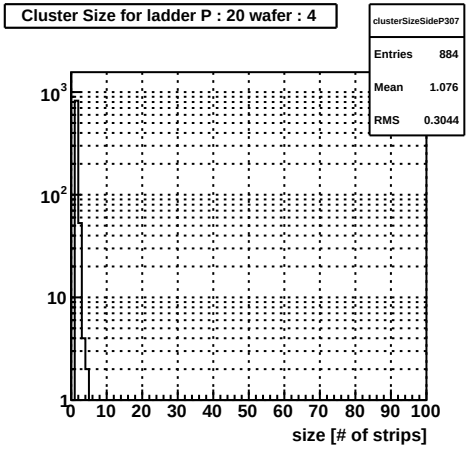

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 1764
Mean 1.083
RMS 0.3433
size [# of strips]

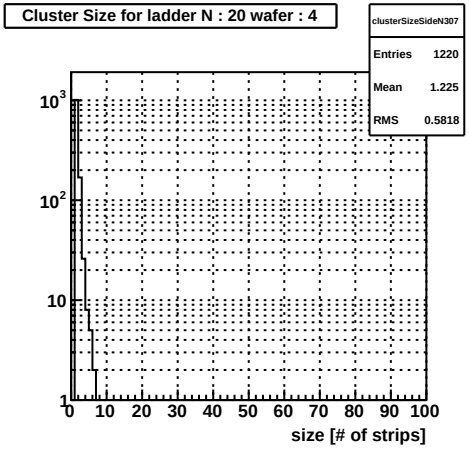

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2298
Mean 1.256
RMS 0.6208
size [# of strips]

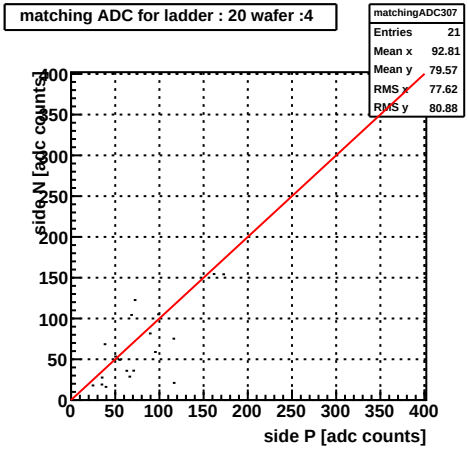

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 179
Mean x 77.71
Mean y 72.38
RMS x 63.38
RMS y 57.9
side N [adc counts]
side P [adc counts]

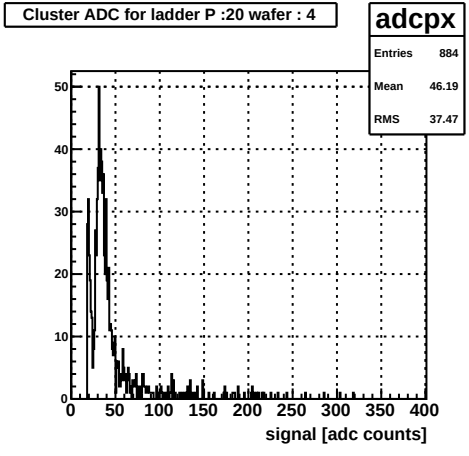

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 1764
Mean 41.1
RMS 40.69
signal [adc counts]

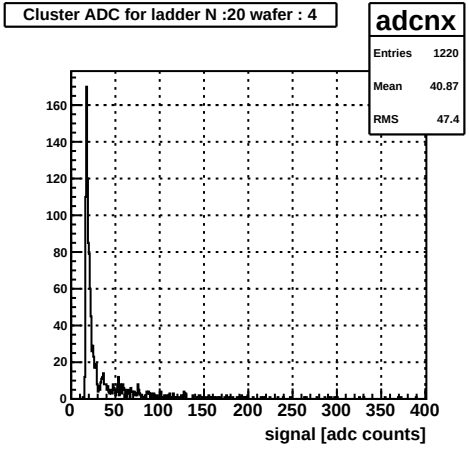

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2298
Mean 39.35
RMS 43.7
signal [adc counts]

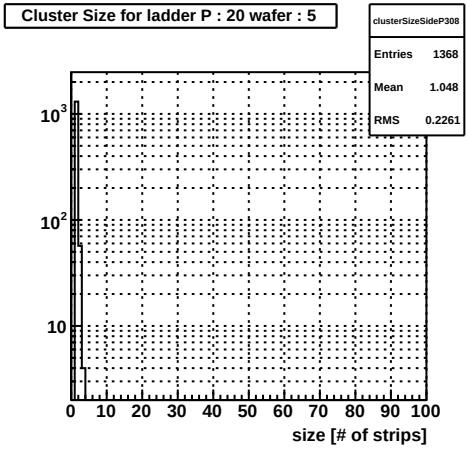

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 884
Mean 1.076
RMS 0.3044
size [# of strips]

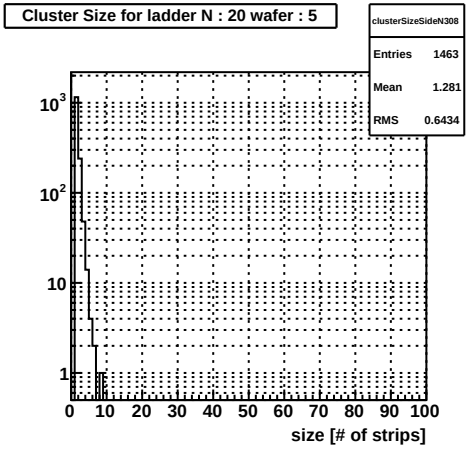

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1220
Mean 1.225
RMS 0.5818
size [# of strips]

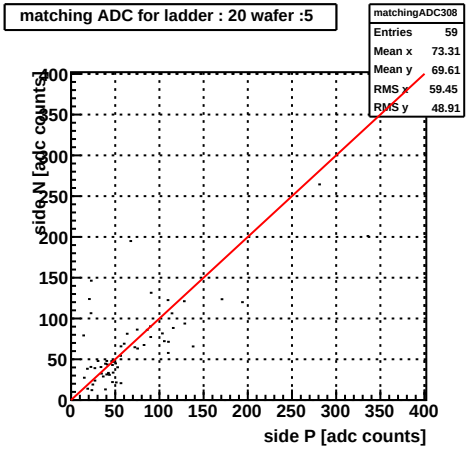

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 21
Mean x 92.81
Mean y 79.57
RMS x 77.62
RMS y 80.88
side N [adc counts]
side P [adc counts]

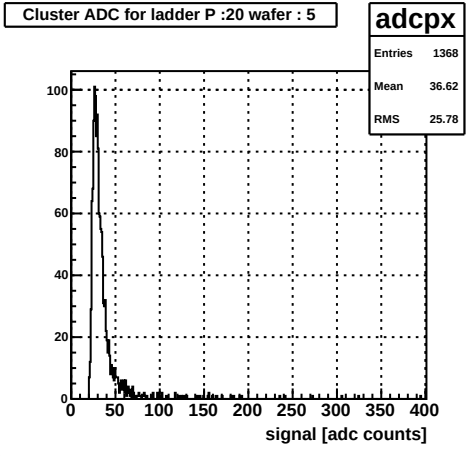

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 884
Mean 46.19
RMS 37.47
signal [adc counts]

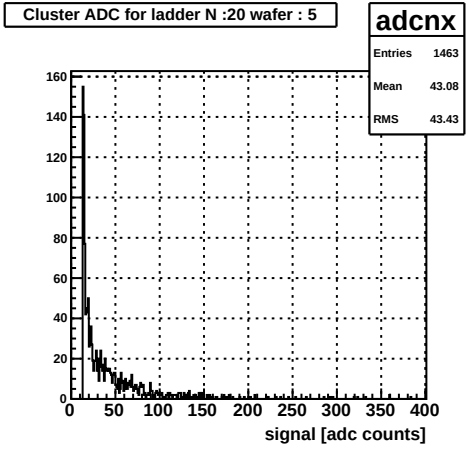

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1220
Mean 40.87
RMS 47.4
signal [adc counts]

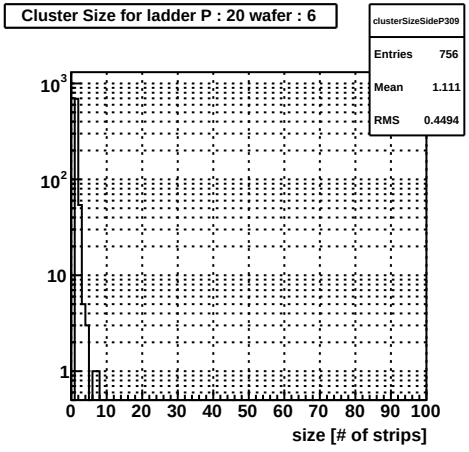

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1368
Mean 1.048
RMS 0.2261
size [# of strips]

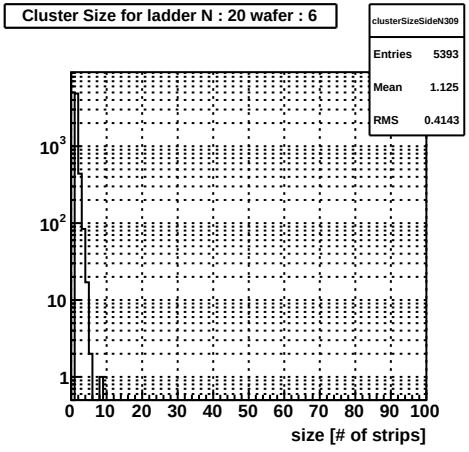

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1463
Mean 1.281
RMS 0.6434
size [# of strips]

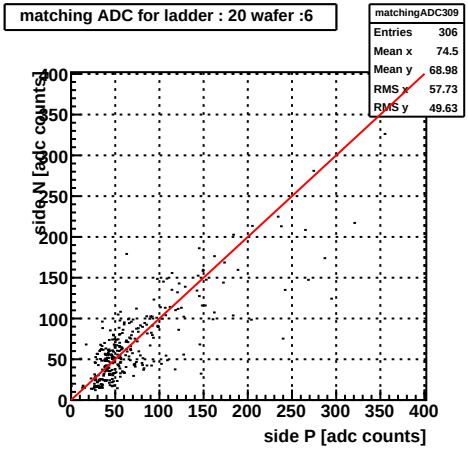

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 59
Mean x 73.31
Mean y 69.61
RMS x 59.45
RMS y 48.91
side N [adc counts]
side P [adc counts]

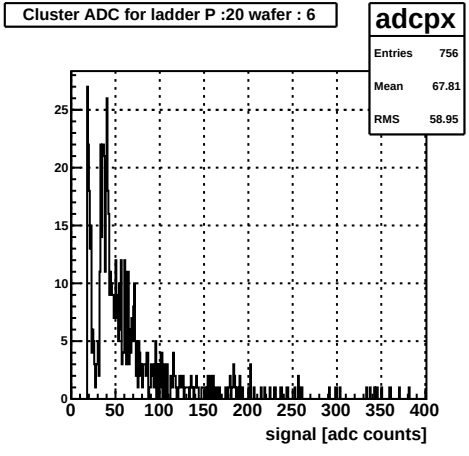

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1368
Mean 36.62
RMS 25.78
signal [adc counts]

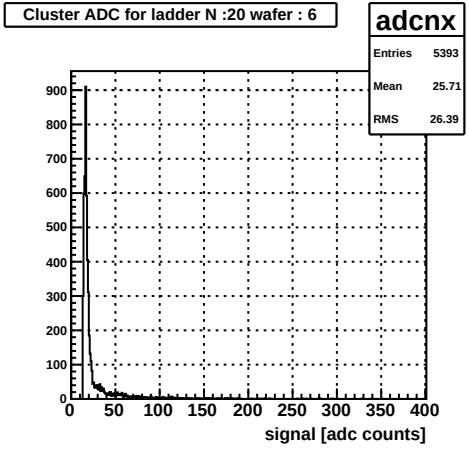

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1463
Mean 43.08
RMS 43.43
signal [adc counts]

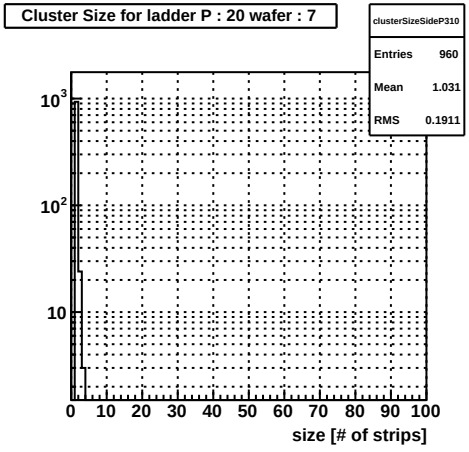

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 756
Mean 1.111
RMS 0.4494
size [# of strips]

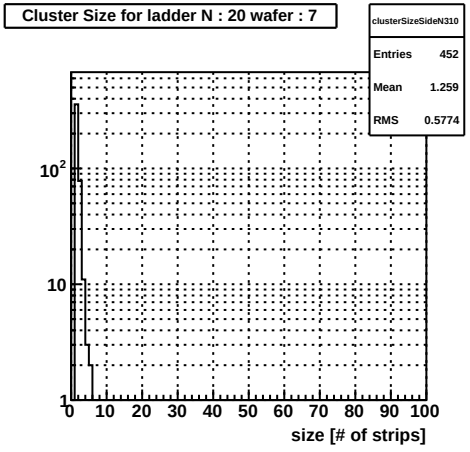

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 5393
Mean 1.125
RMS 0.4143
size [# of strips]

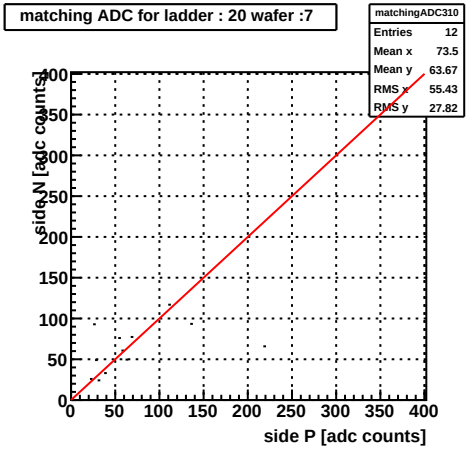

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 306
Mean x 74.5
Mean y 68.98
RMS x 57.73
RMS y 49.63
side N [adc counts]
side P [adc counts]

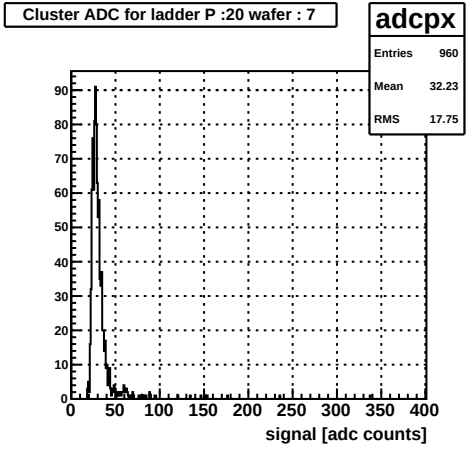

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 756
Mean 67.81
RMS 58.95
signal [adc counts]

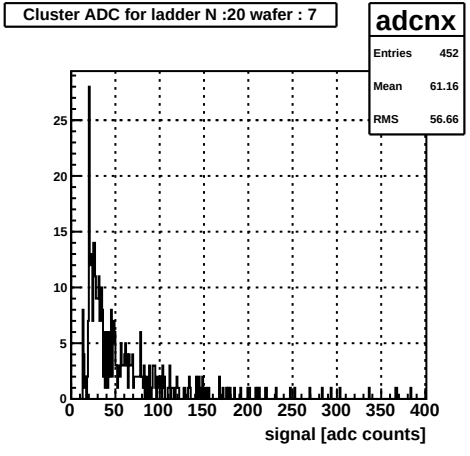

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 5393
Mean 25.71
RMS 26.39
signal [adc counts]

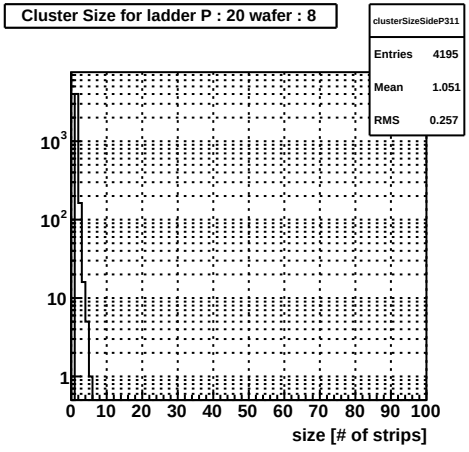

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 960
Mean 1.031
RMS 0.1911
size [# of strips]

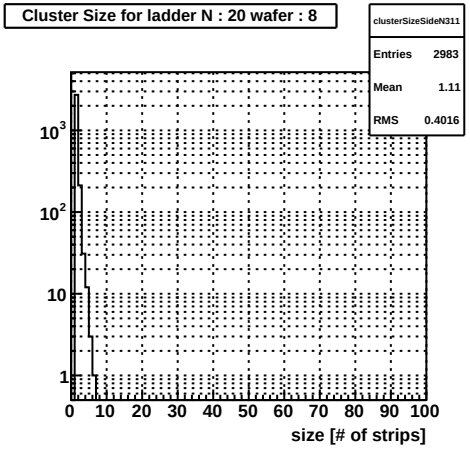

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 452
Mean 1.259
RMS 0.5774
size [# of strips]

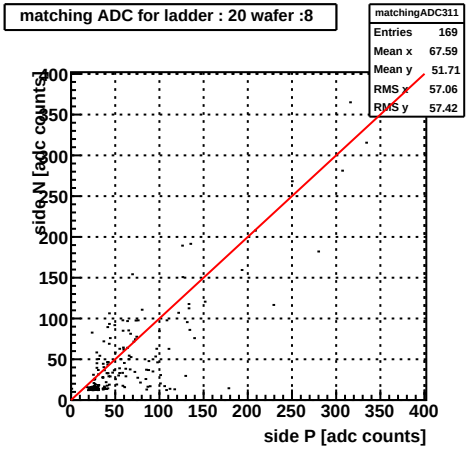

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 12
Mean x 73.5
Mean y 63.67
RMS x 55.43
RMS y 27.82
side N [adc counts]
side P [adc counts]

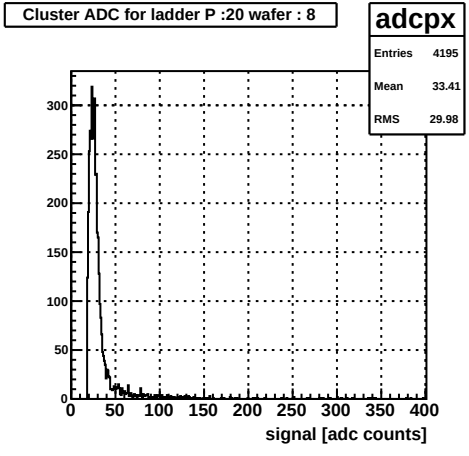

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 960
Mean 32.23
RMS 17.75
signal [adc counts]

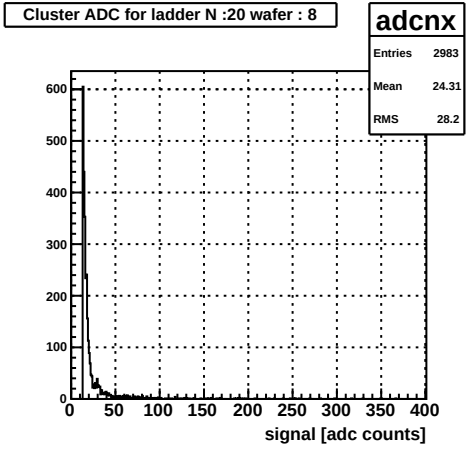

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 452
Mean 61.16
RMS 56.66
signal [adc counts]

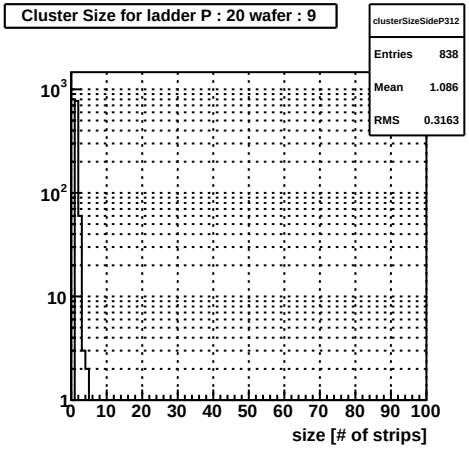

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 4195
Mean 1.051
RMS 0.257
size [# of strips]

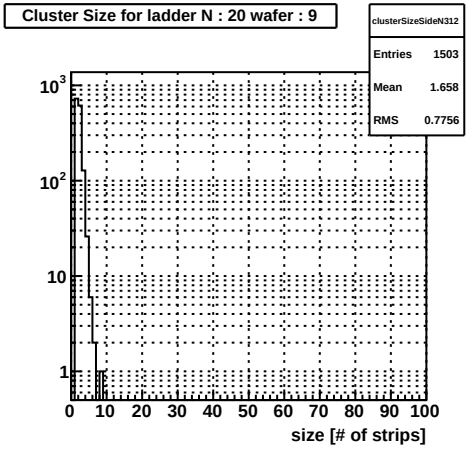

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 2983
Mean 1.11
RMS 0.4016
size [# of strips]

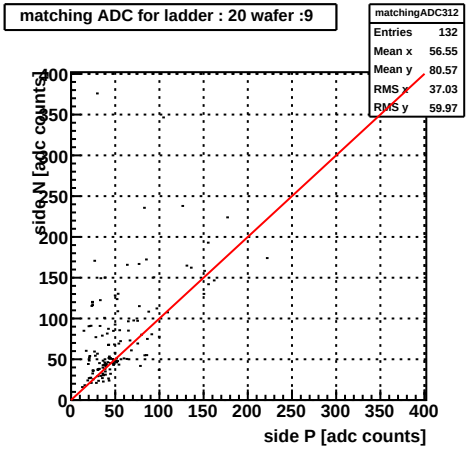

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 169
Mean x 67.59
Mean y 51.71
RMS x 57.06
RMS y 57.42
side N [adc counts]
side P [adc counts]

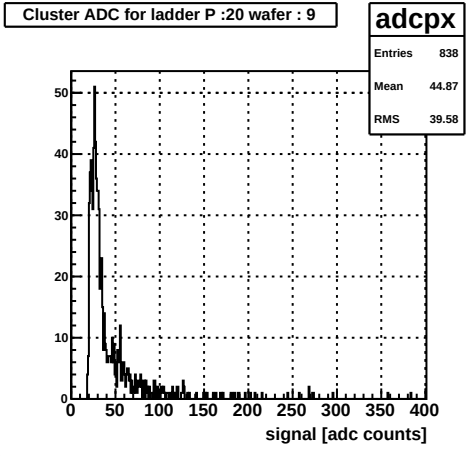

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 4195
Mean 33.41
RMS 29.98
signal [adc counts]

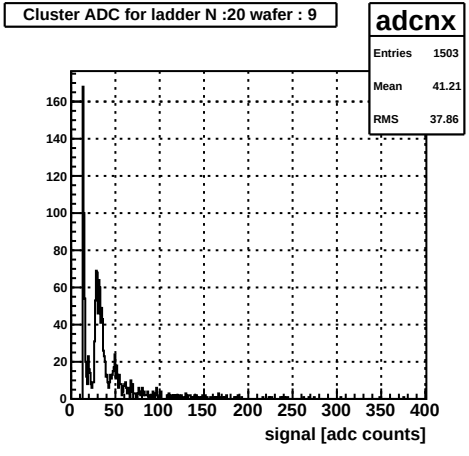

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 2983
Mean 24.31
RMS 28.2
signal [adc counts]

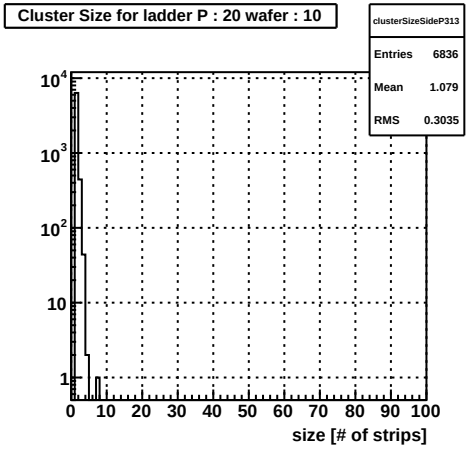

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 838
Mean 1.086
RMS 0.3163
size [# of strips]

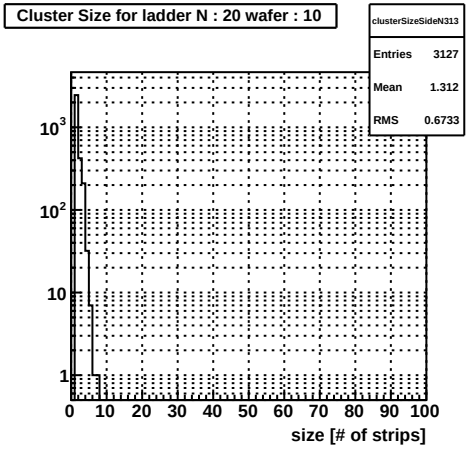

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1503
Mean 1.658
RMS 0.7756
size [# of strips]

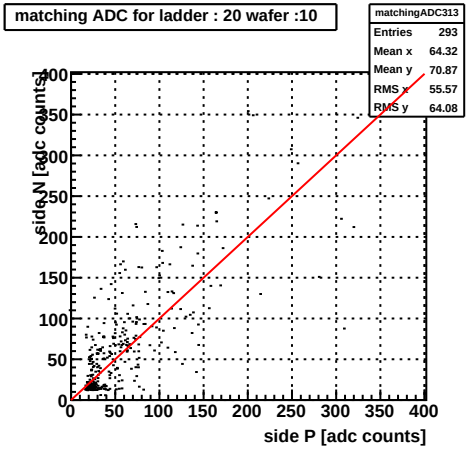

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 132
Mean x 56.55
Mean y 80.57
RMS x 37.03
RMS y 59.97
side N [adc counts]
side P [adc counts]

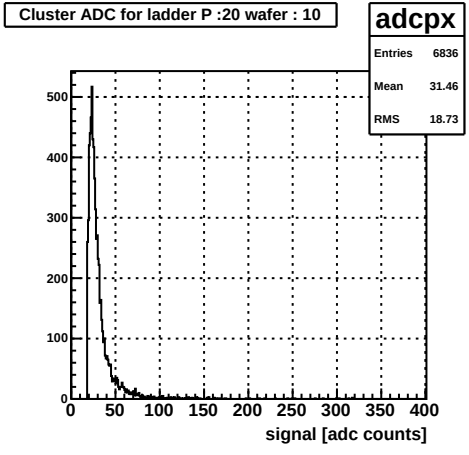

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 838
Mean 44.87
RMS 39.58
signal [adc counts]

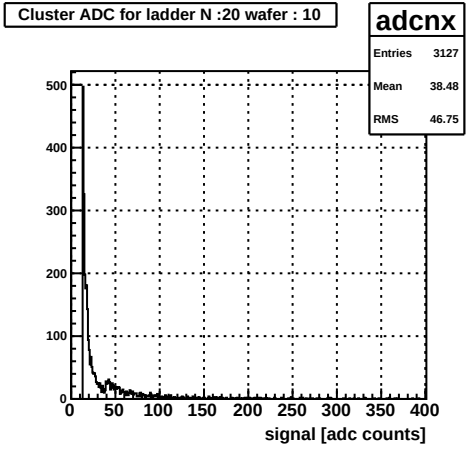

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1503
Mean 41.21
RMS 37.86
signal [adc counts]

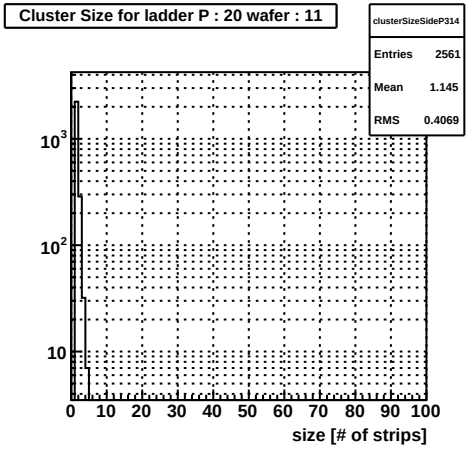

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 6836
Mean 1.079
RMS 0.3035
size [# of strips]

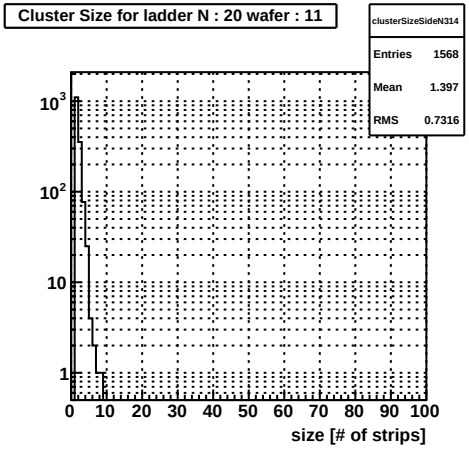

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 3127
Mean 1.312
RMS 0.6733
size [# of strips]

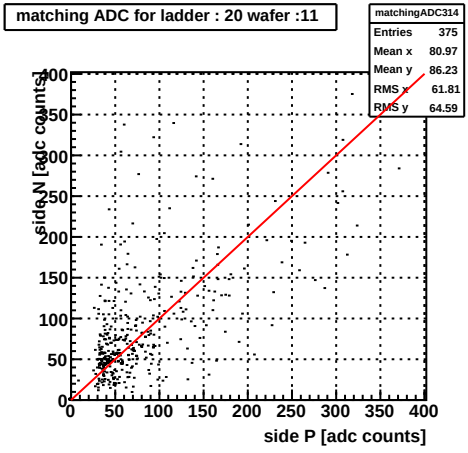

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 293
Mean x 64.32
Mean y 70.87
RMS x 55.57
RMS y 64.08
side N [adc counts]
side P [adc counts]

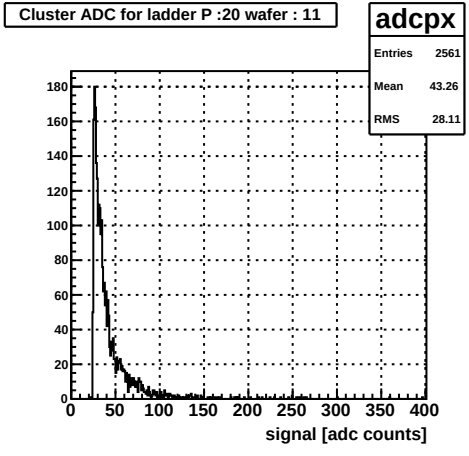

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 6836
Mean 31.46
RMS 18.73
signal [adc counts]

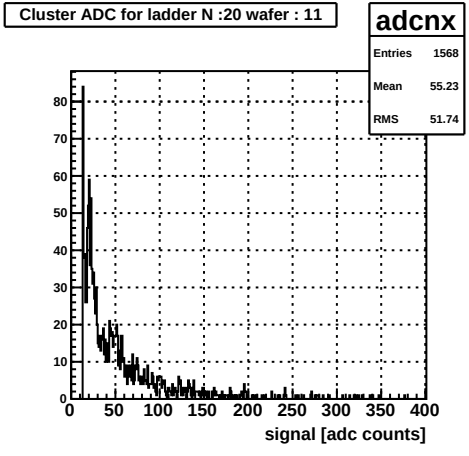

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 3127
Mean 38.48
RMS 46.75
signal [adc counts]

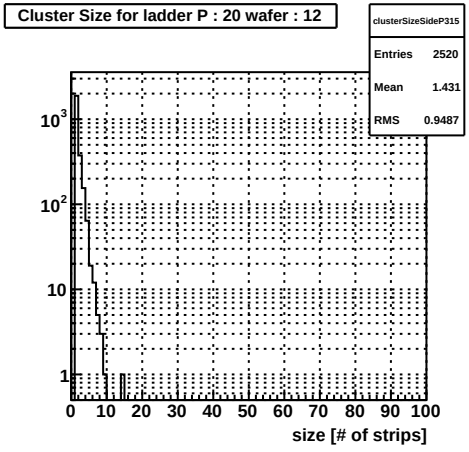

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2561
Mean 1.145
RMS 0.4069
size [# of strips]

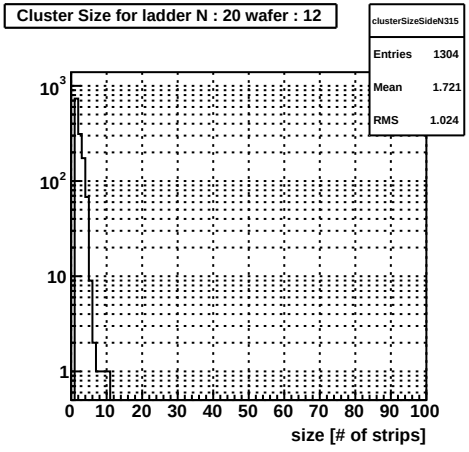

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1568
Mean 1.397
RMS 0.7316
size [# of strips]

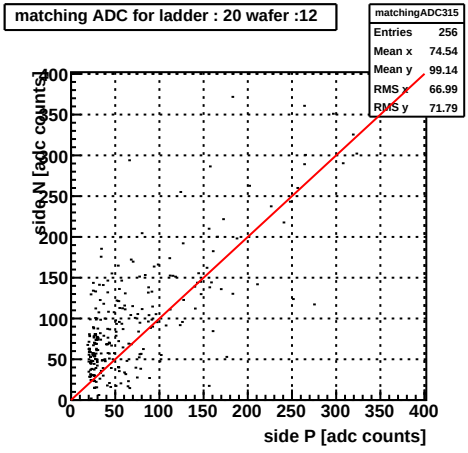

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 375
Mean x 80.97
Mean y 86.23
RMS x 61.81
RMS y 64.59
side N [adc counts]
side P [adc counts]

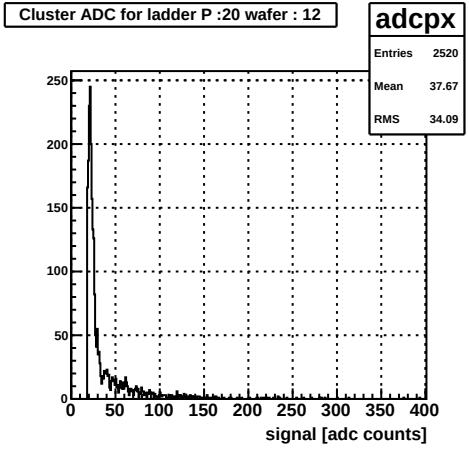

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2561
Mean 43.26
RMS 28.11
signal [adc counts]

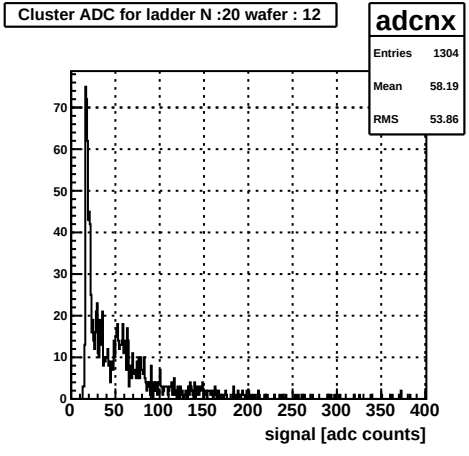

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1568
Mean 55.23
RMS 51.74
signal [adc counts]

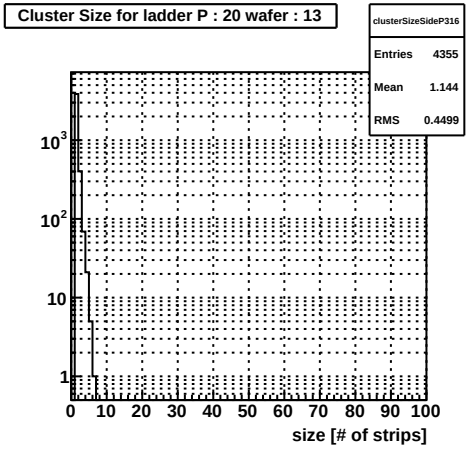

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 2520
Mean 1.431
RMS 0.9487
size [# of strips]

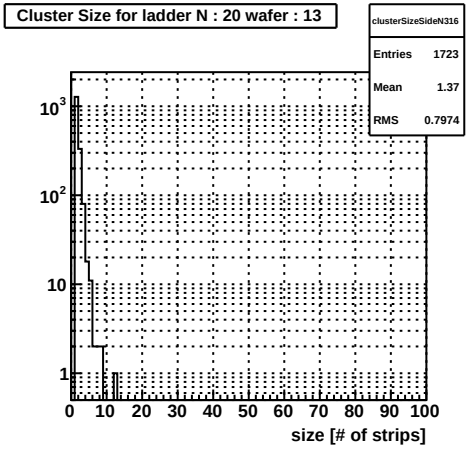

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1304
Mean 1.721
RMS 1.024
size [# of strips]

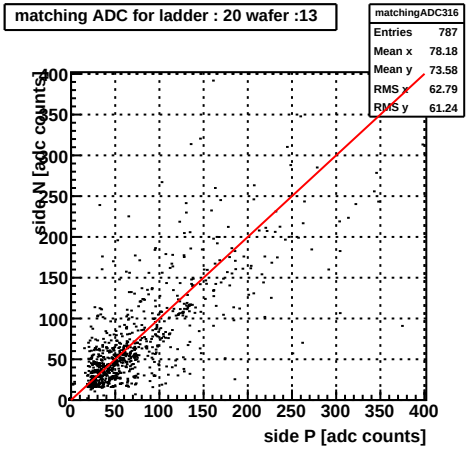

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 256
Mean x 74.54
Mean y 99.14
RMS x 66.99
RMS y 71.79
side N [adc counts]
side P [adc counts]

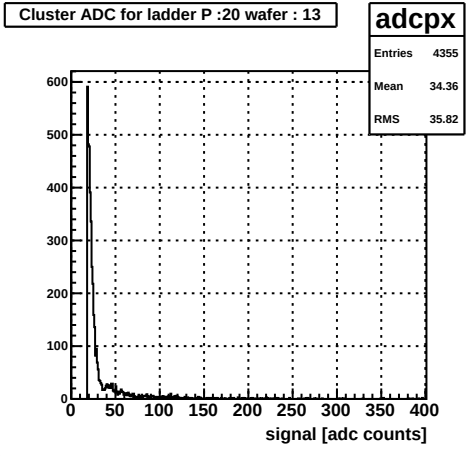

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 2520
Mean 37.67
RMS 34.09
signal [adc counts]

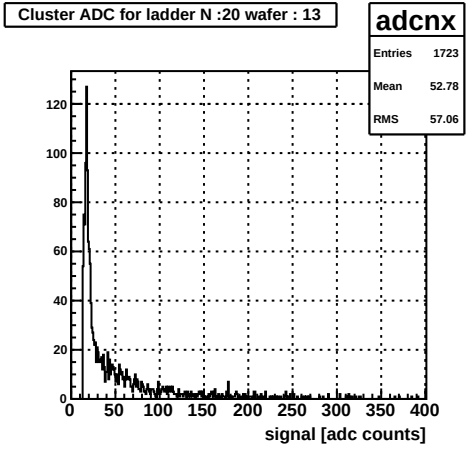

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1304
Mean 58.19
RMS 53.86
signal [adc counts]

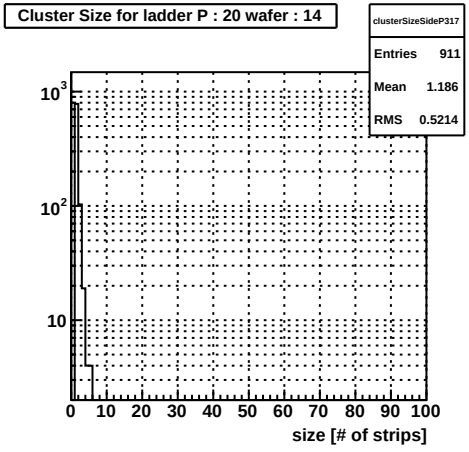

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 4355
Mean 1.144
RMS 0.4499
size [# of strips]

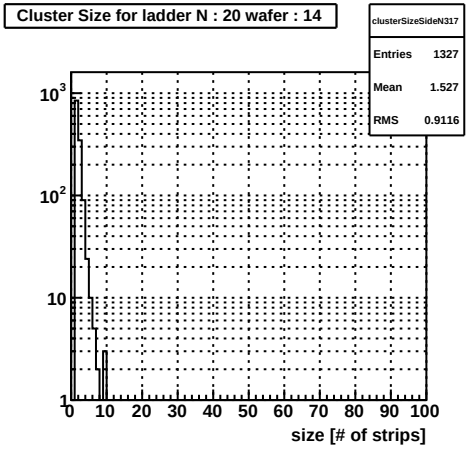

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 1723
Mean 1.37
RMS 0.7974
size [# of strips]

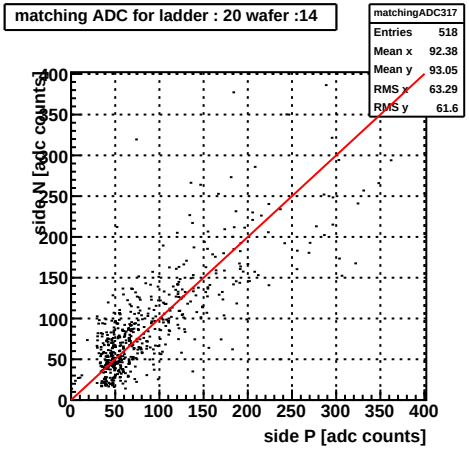

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 787
Mean x 78.18
Mean y 73.58
RMS x 62.79
RMS y 61.24
side N [adc counts]
side P [adc counts]

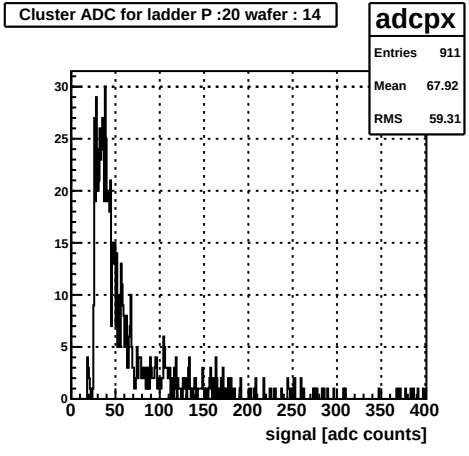

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 4355
Mean 34.36
RMS 35.82
signal [adc counts]

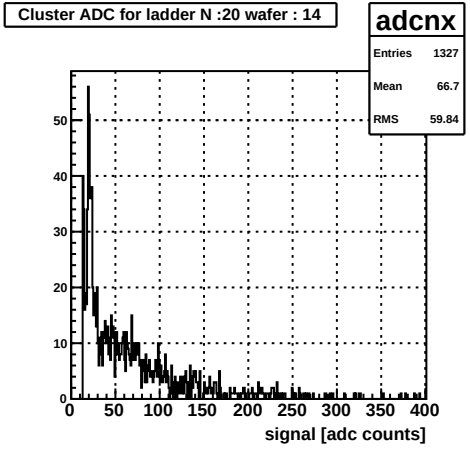

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 1723
Mean 52.78
RMS 57.06
signal [adc counts]

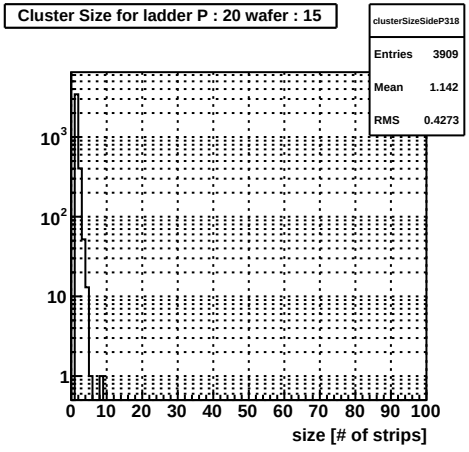

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 911
Mean 1.186
RMS 0.5214
size [# of strips]

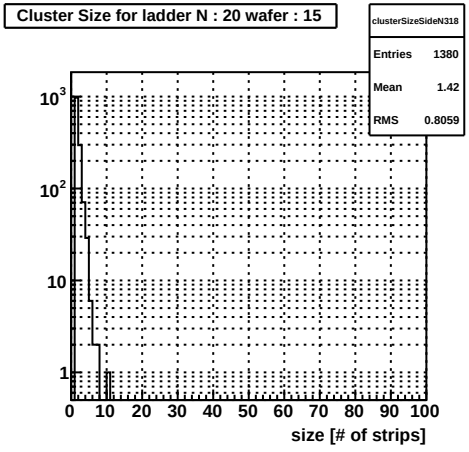

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1327
Mean 1.527
RMS 0.9116
size [# of strips]

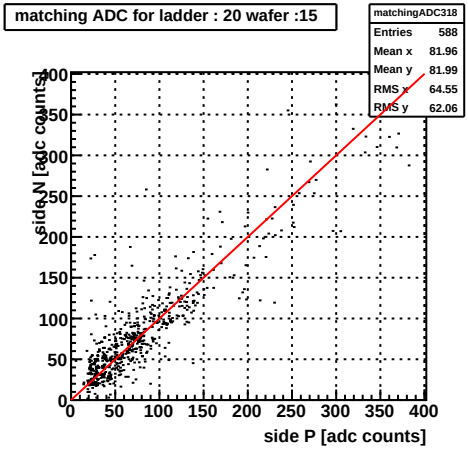

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 518
Mean x 92.38
Mean y 93.05
RMS x 63.29
RMS y 61.6
side N [adc counts]
side P [adc counts]

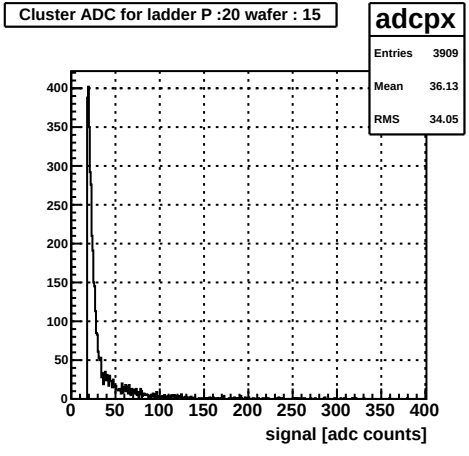

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 911
Mean 67.92
RMS 59.31
signal [adc counts]

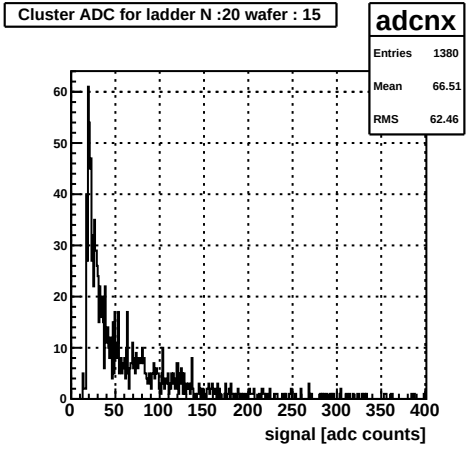

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1327
Mean 66.7
RMS 59.84
signal [adc counts]

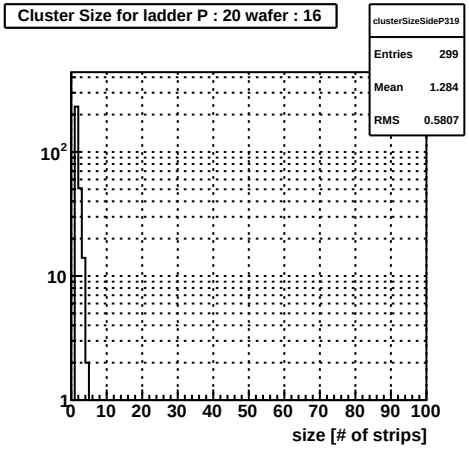

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 3909
Mean 1.142
RMS 0.4273
size [# of strips]

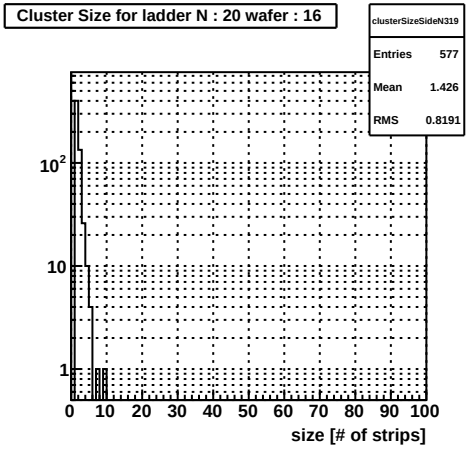

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1380
Mean 1.42
RMS 0.8059
size [# of strips]

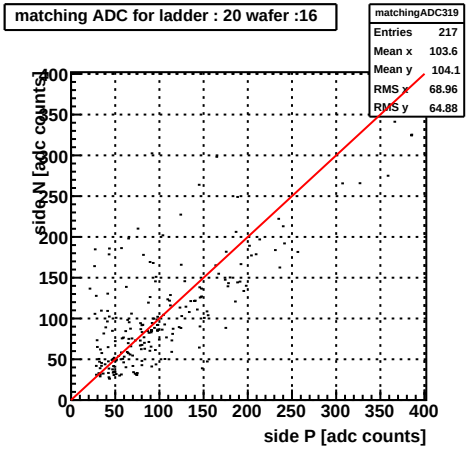

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 588
Mean x 81.96
Mean y 81.99
RMS x 64.55
RMS y 62.06
side N [adc counts]
side P [adc counts]

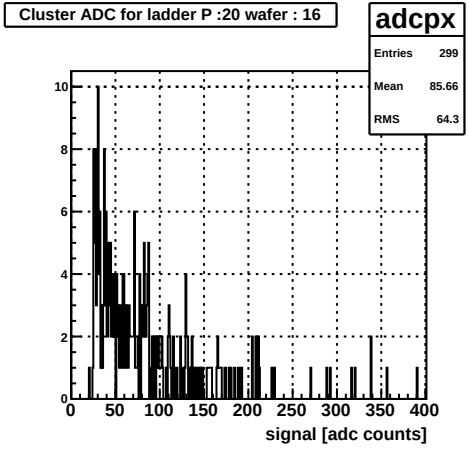

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 3909
Mean 36.13
RMS 34.05
signal [adc counts]

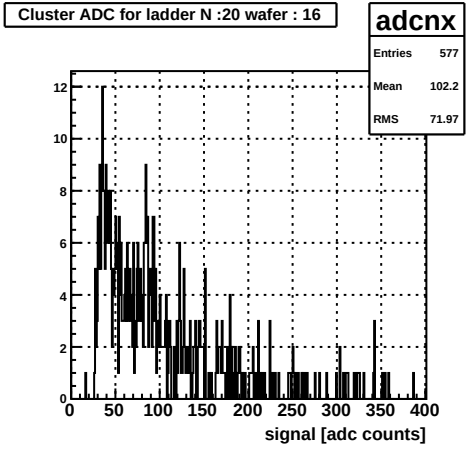

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1380
Mean 66.51
RMS 62.46
signal [adc counts]

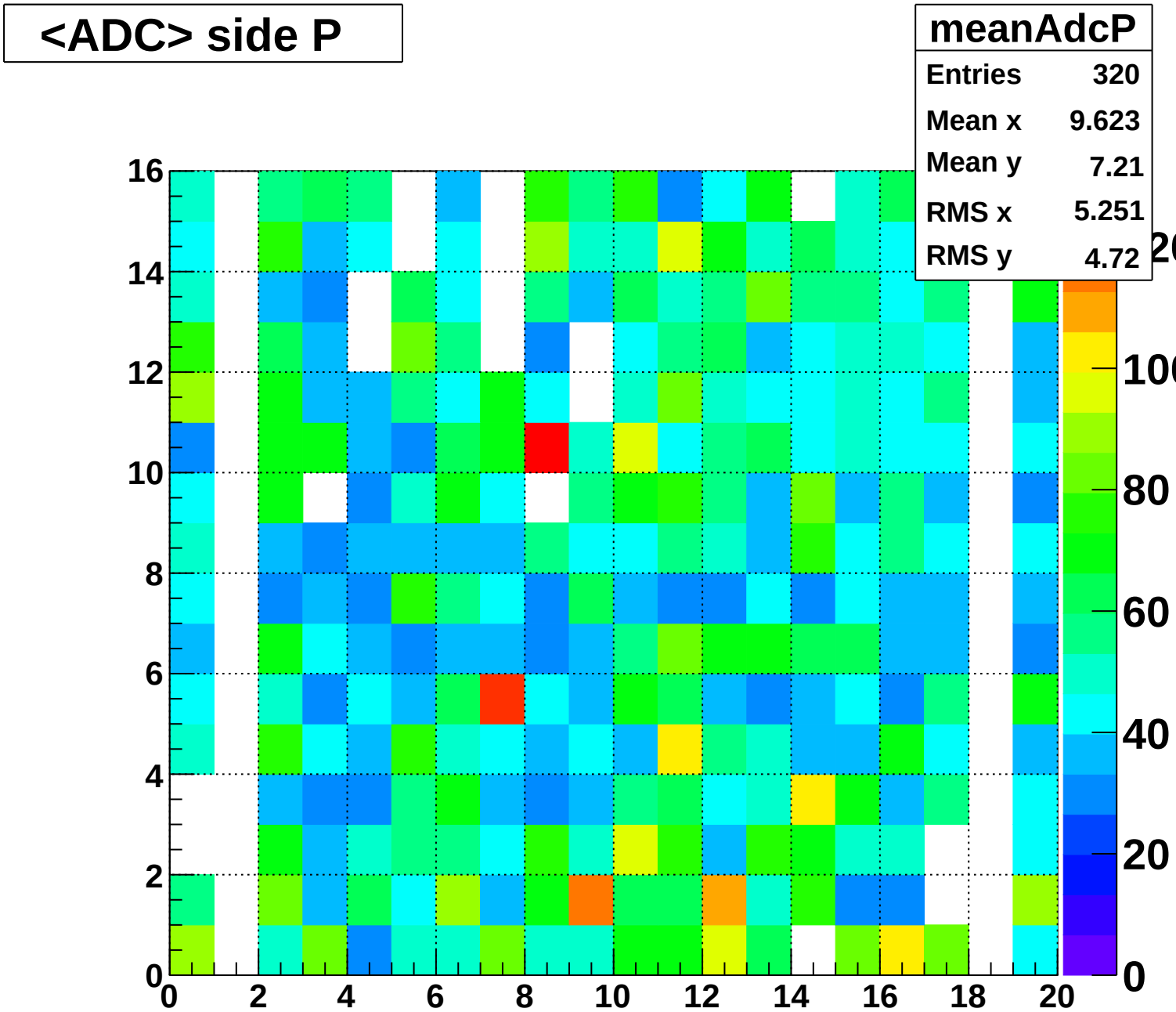

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 299
Mean 1.284
RMS 0.5807
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 577
Mean 1.426
RMS 0.8191
size [# of strips]

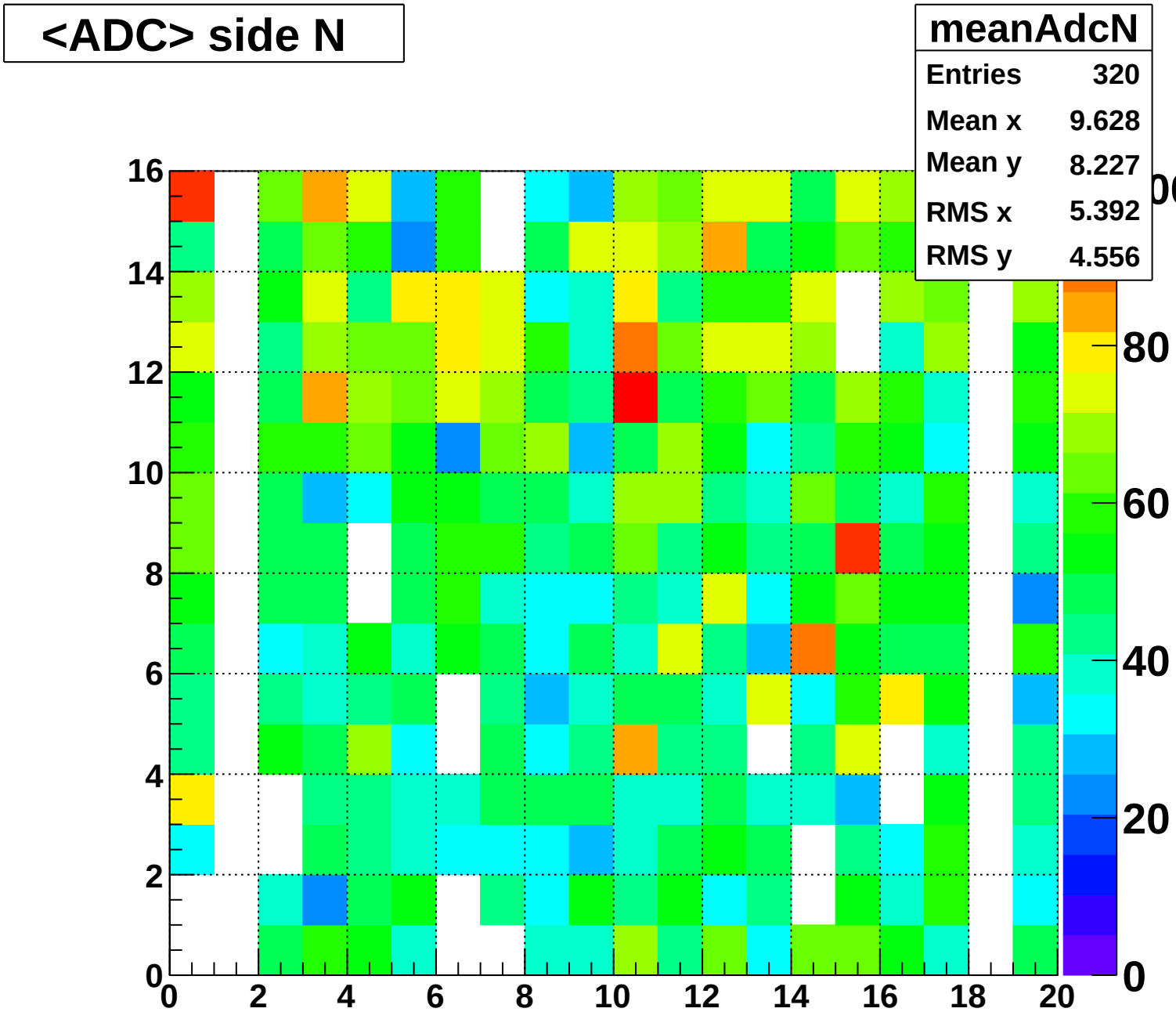

matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 217
Mean x 103.6
Mean y 104.1
RMS x 68.96
RMS y 64.88
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 299
Mean 85.66
RMS 64.3
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 577
Mean 102.2
RMS 71.97
signal [adc counts]




2016-05-19 06:40:47




2016-05-19 06:40:47