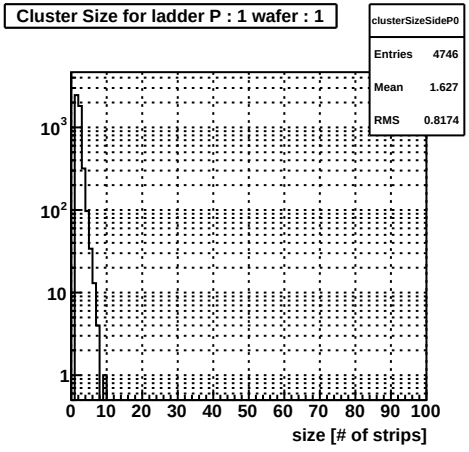
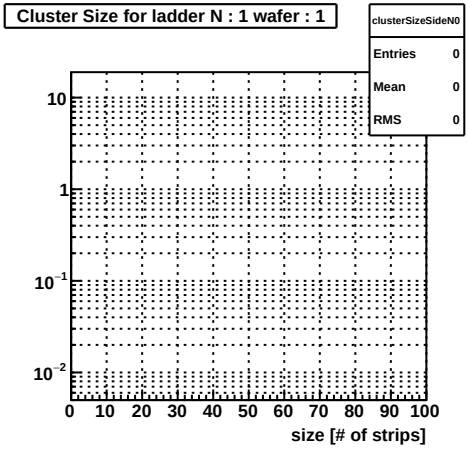
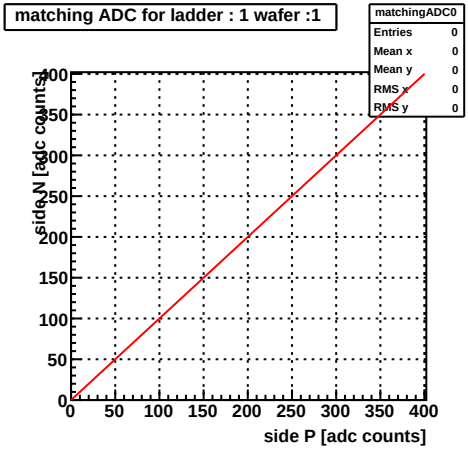
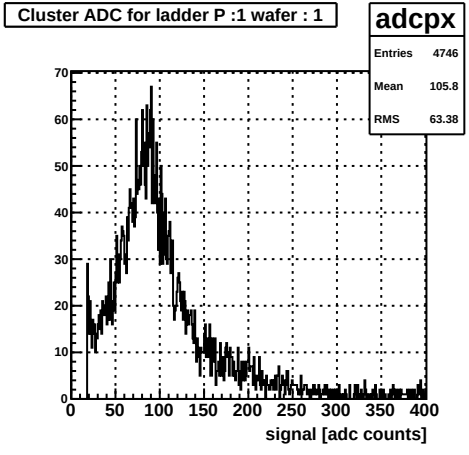
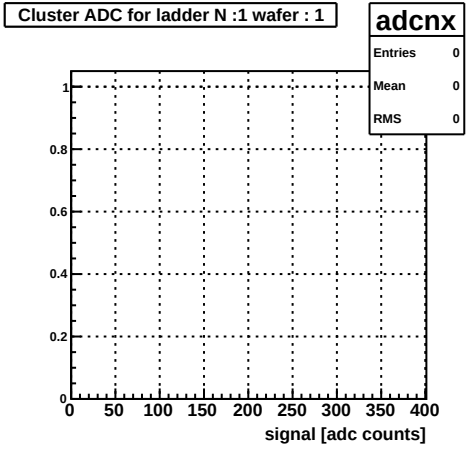
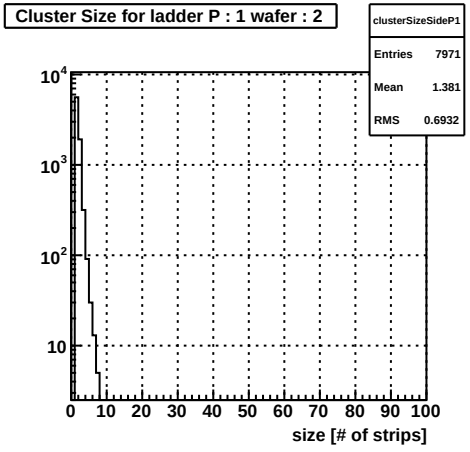

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 4746
Mean 1.627
RMS 0.8174
size [# of strips]

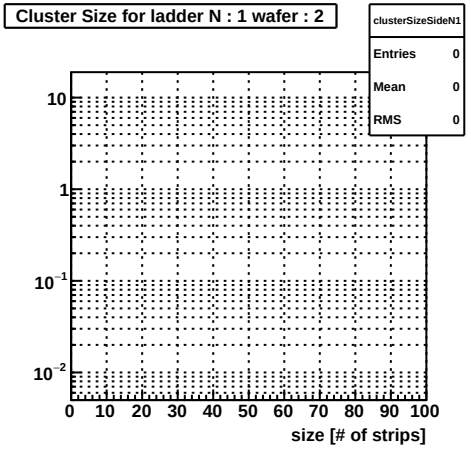

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

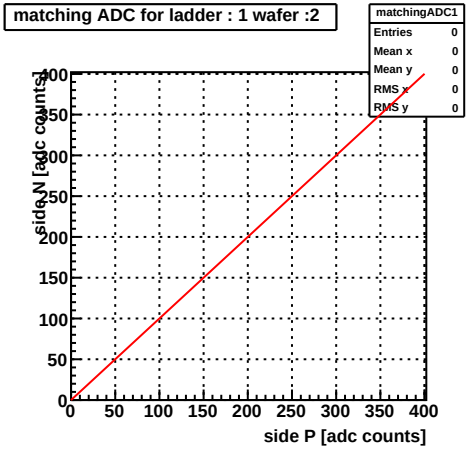

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

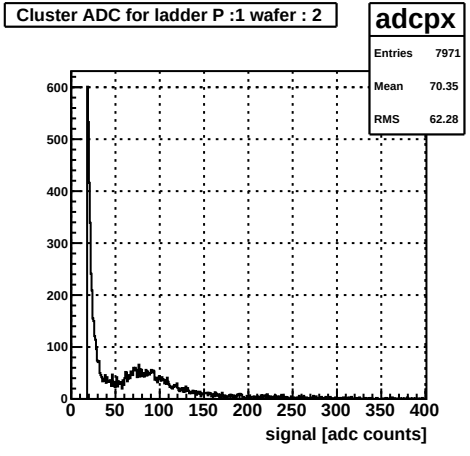

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 4746
Mean 105.8
RMS 63.38
signal [adc counts]

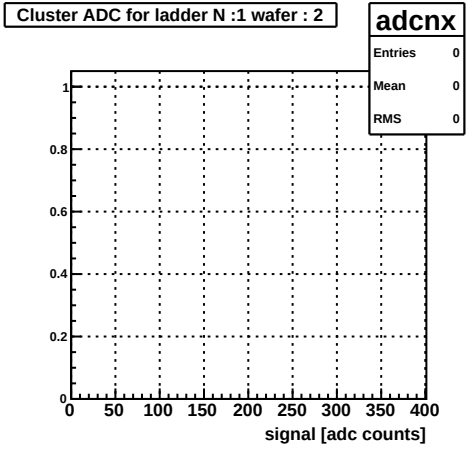

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

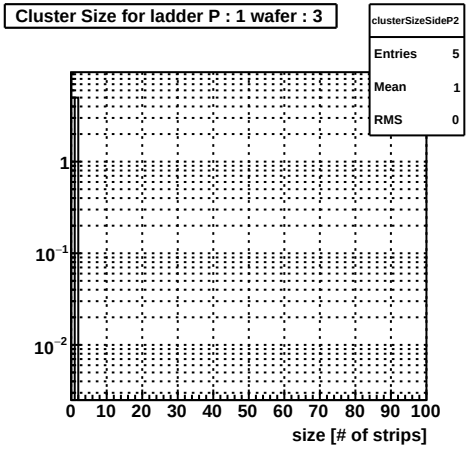

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 7971
Mean 1.381
RMS 0.6932
size [# of strips]

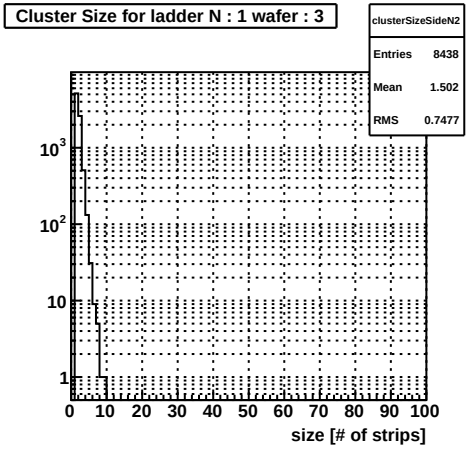

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

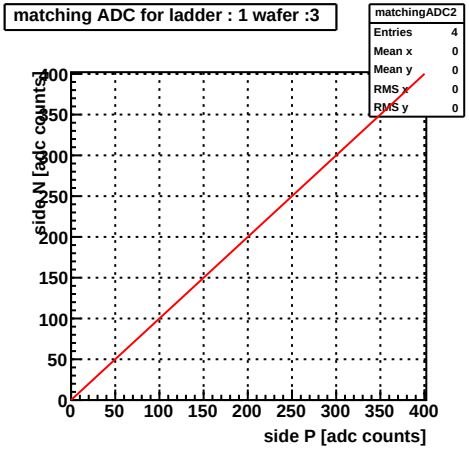

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

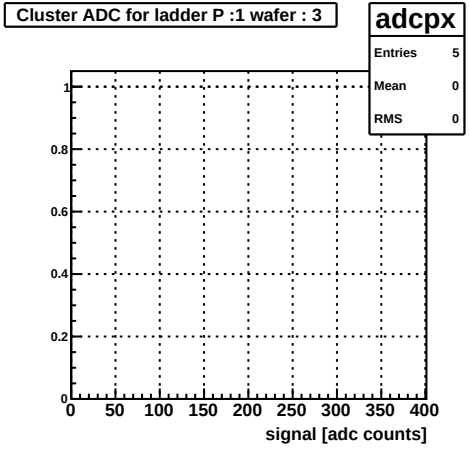

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 7971
Mean 70.35
RMS 62.28
signal [adc counts]

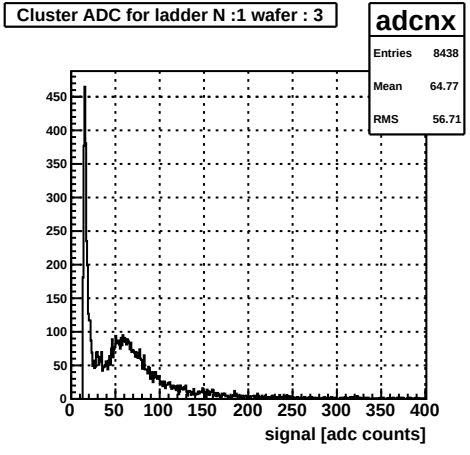

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

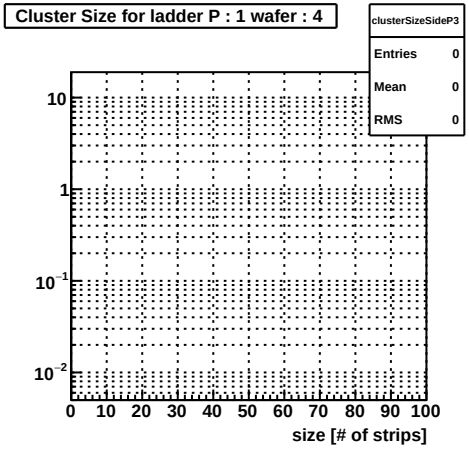

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 5
Mean 1
RMS 0
size [# of strips]

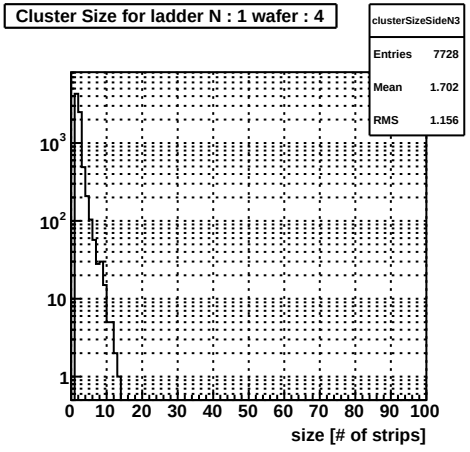

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8438
Mean 1.502
RMS 0.7477
size [# of strips]

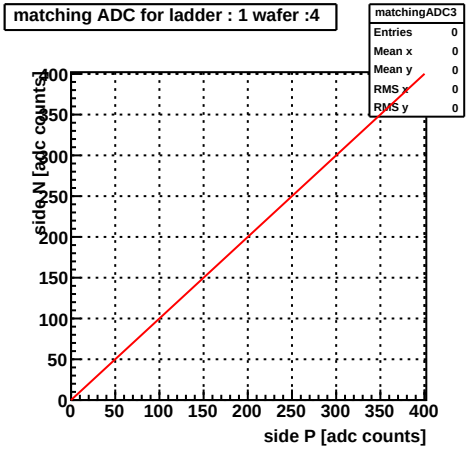

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

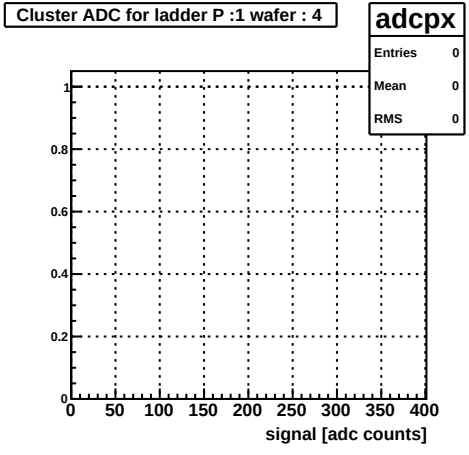

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

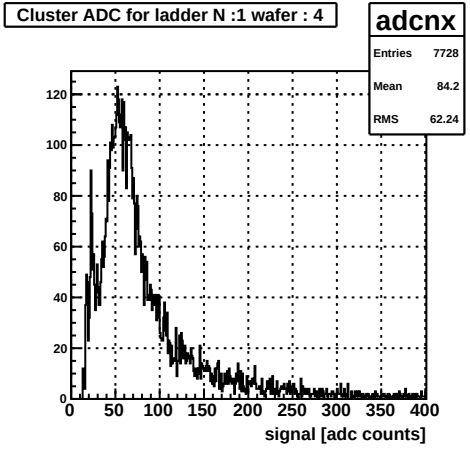

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8438
Mean 64.77
RMS 56.71
signal [adc counts]

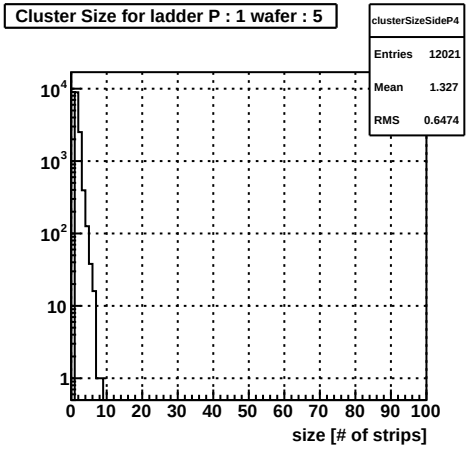

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

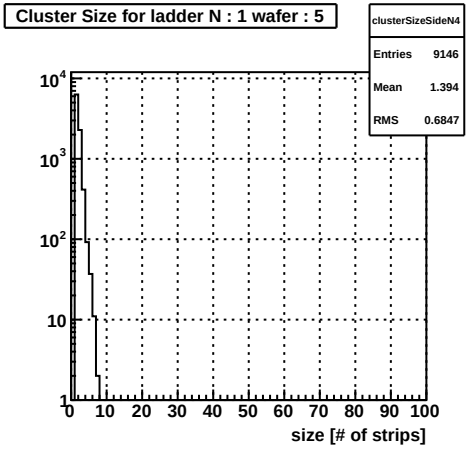

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 7728
Mean 1.702
RMS 1.156
size [# of strips]

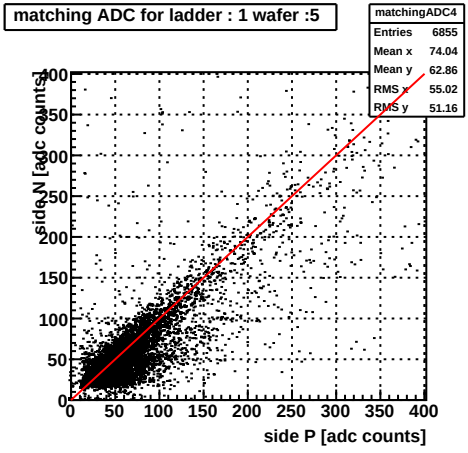

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

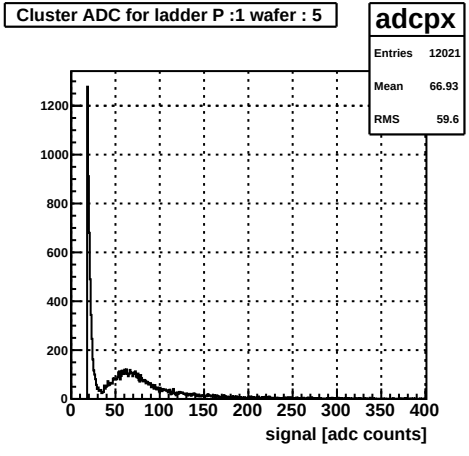

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

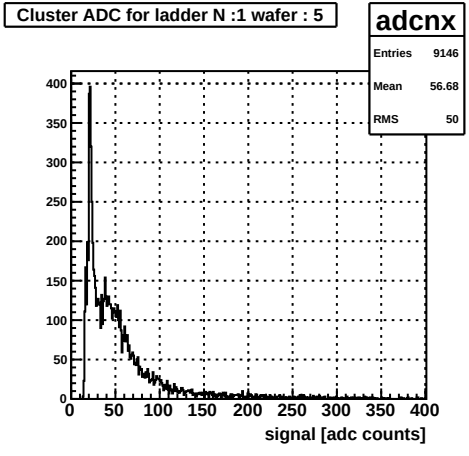

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 7728
Mean 84.2
RMS 62.24
signal [adc counts]

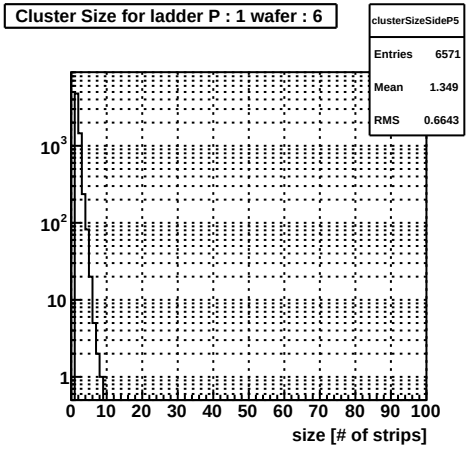

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 12021
Mean 1.327
RMS 0.6474
size [# of strips]

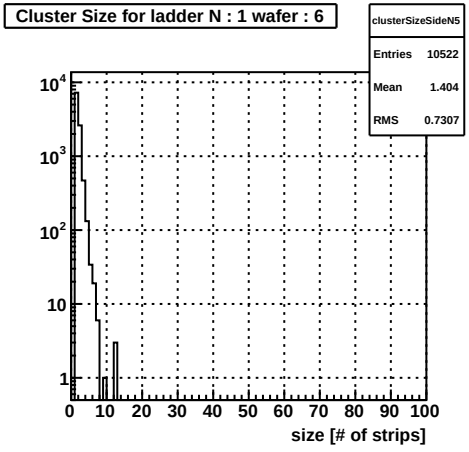

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 9146
Mean 1.394
RMS 0.6847
size [# of strips]

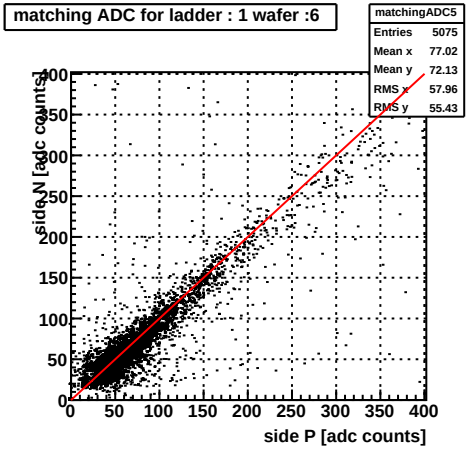

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 6855
Mean x 74.04
Mean y 62.86
RMS x 55.02
RMS y 51.16
side N [adc counts]
side P [adc counts]

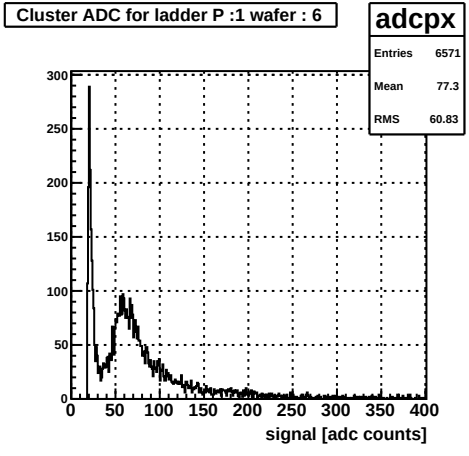

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 12021
Mean 66.93
RMS 59.6
signal [adc counts]

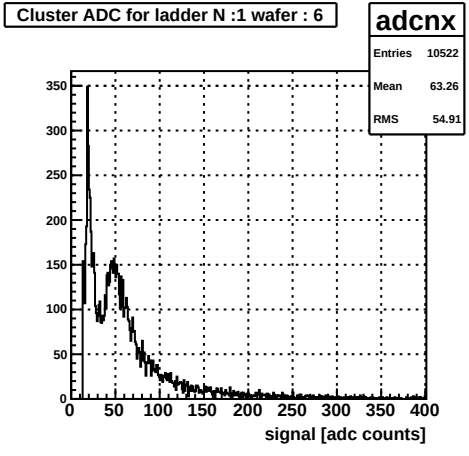

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 9146
Mean 56.68
RMS 50
signal [adc counts]

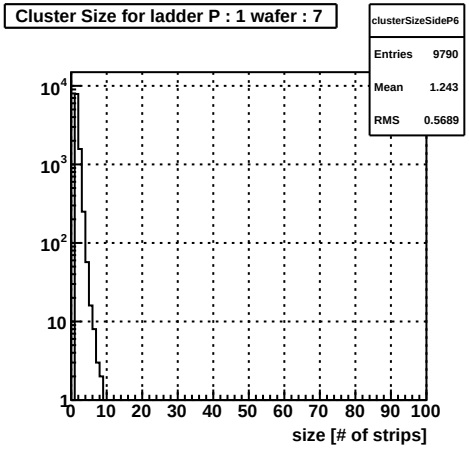

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6571
Mean 1.349
RMS 0.6643
size [# of strips]

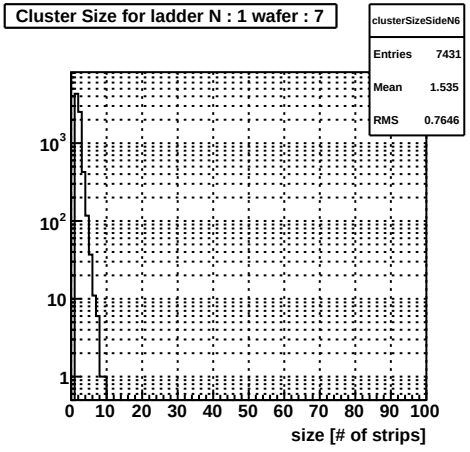

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 10522
Mean 1.404
RMS 0.7307
size [# of strips]

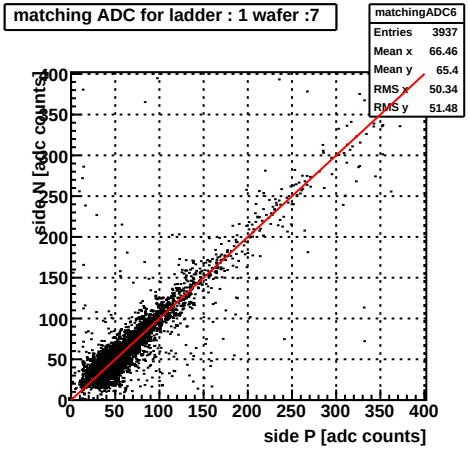

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 5075
Mean x 77.02
Mean y 72.13
RMS x 57.96
RMS y 55.43
side N [adc counts]
side P [adc counts]

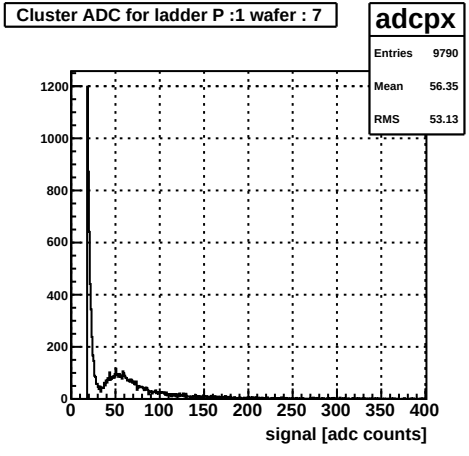

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6571
Mean 77.3
RMS 60.83
signal [adc counts]

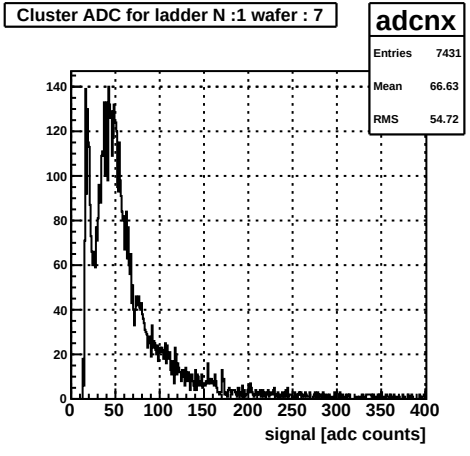

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 10522
Mean 63.26
RMS 54.91
signal [adc counts]

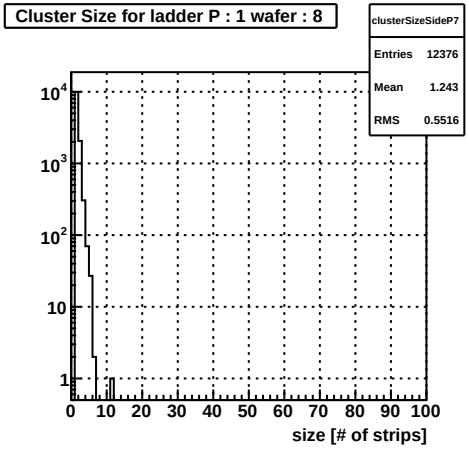

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9790
Mean 1.243
RMS 0.5689
size [# of strips]

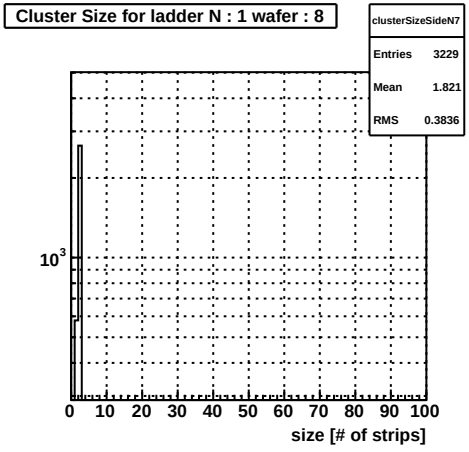

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 7431
Mean 1.535
RMS 0.7646
size [# of strips]

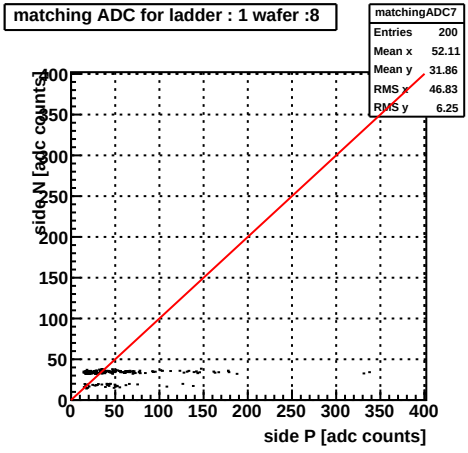

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 3937
Mean x 66.46
Mean y 65.4
RMS x 50.34
RMS y 51.48
side N [adc counts]
side P [adc counts]

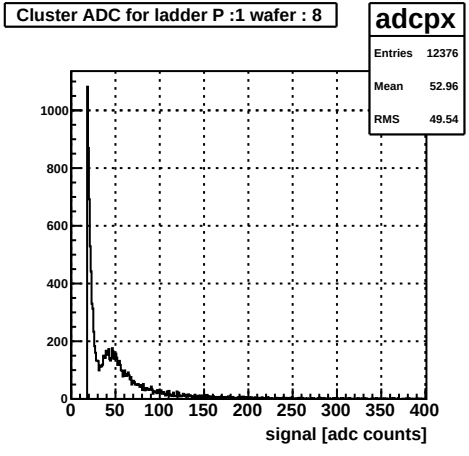

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9790
Mean 56.35
RMS 53.13
signal [adc counts]

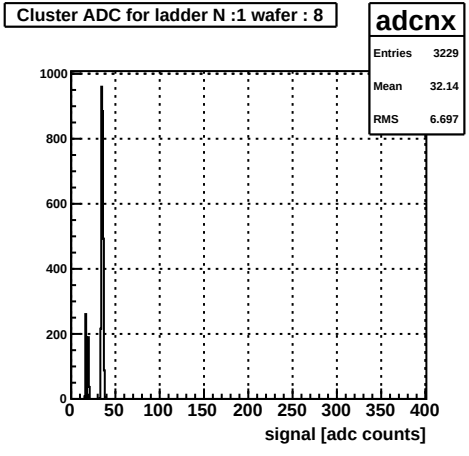

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 7431
Mean 66.63
RMS 54.72
signal [adc counts]

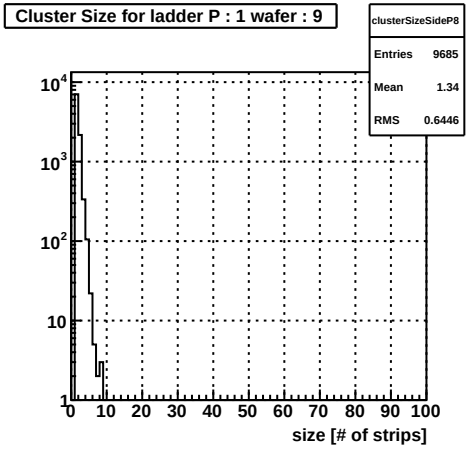

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 12376
Mean 1.243
RMS 0.5516
size [# of strips]

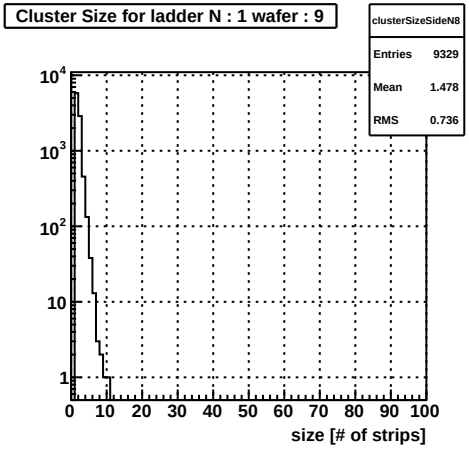

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3229
Mean 1.821
RMS 0.3836
size [# of strips]

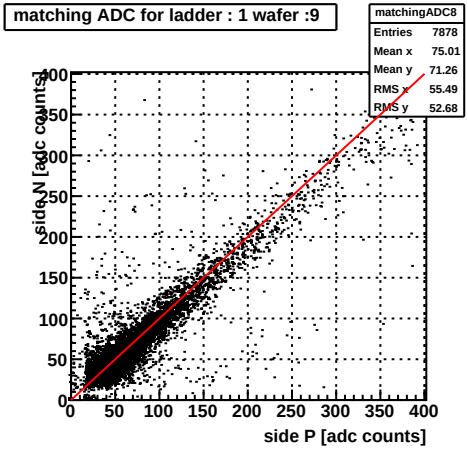

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 200
Mean x 52.11
Mean y 31.86
RMS x 46.83
RMS y 6.25
side N [adc counts]
side P [adc counts]

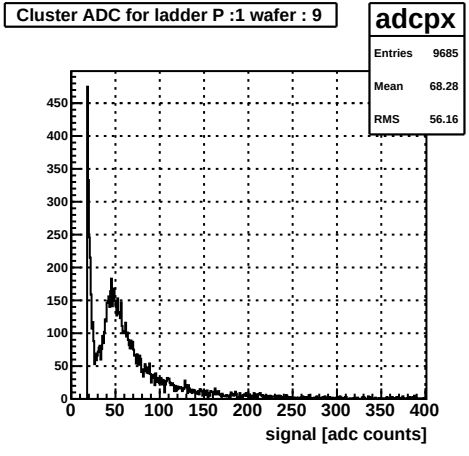

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 12376
Mean 52.96
RMS 49.54
signal [adc counts]

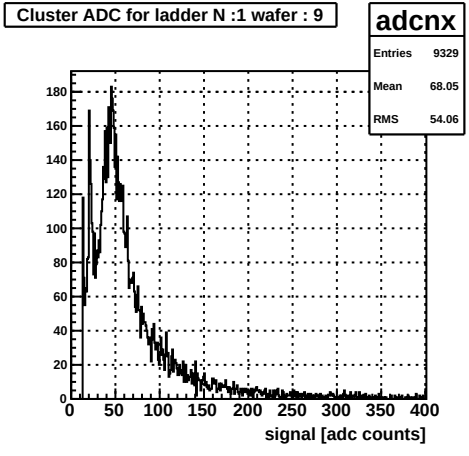

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3229
Mean 32.14
RMS 6.697
signal [adc counts]

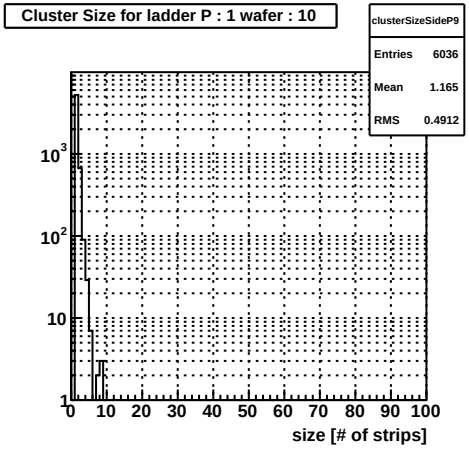

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 9685
Mean 1.34
RMS 0.6446
size [# of strips]

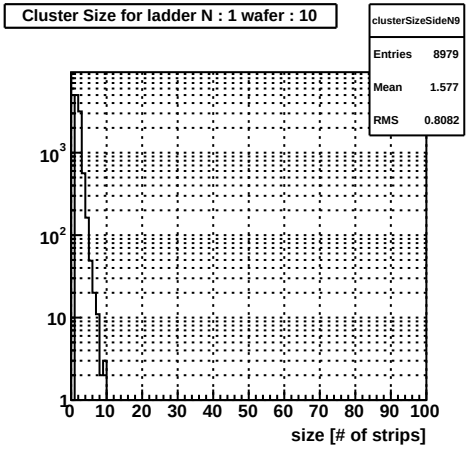

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 9329
Mean 1.478
RMS 0.736
size [# of strips]

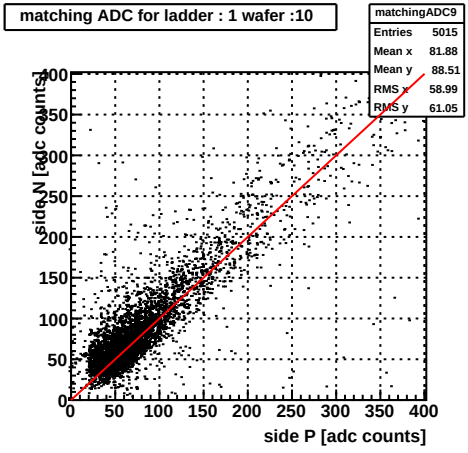

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 7878
Mean x 75.01
Mean y 71.26
RMS x 55.49
RMS y 52.68
side N [adc counts]
side P [adc counts]

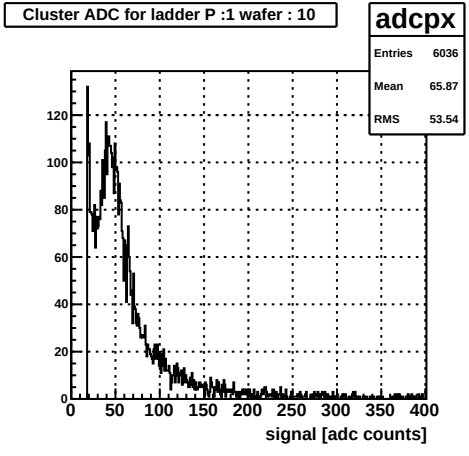

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 9685
Mean 68.28
RMS 56.16
signal [adc counts]

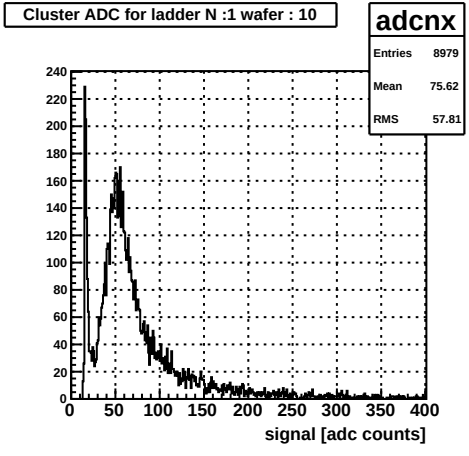

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 9329
Mean 68.05
RMS 54.06
signal [adc counts]

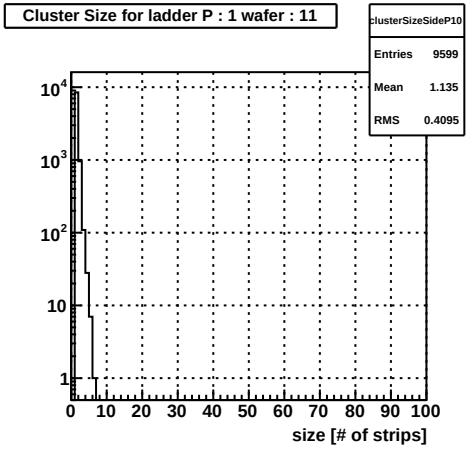

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 6036
Mean 1.165
RMS 0.4912
size [# of strips]

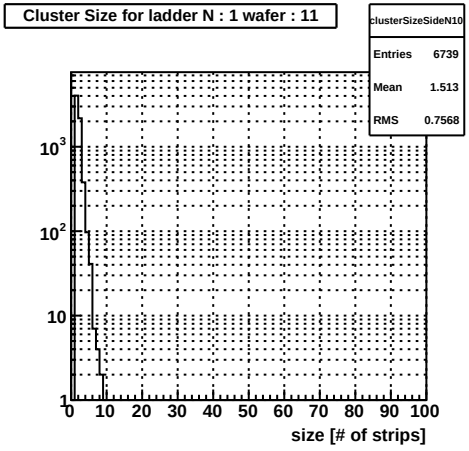

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 8979
Mean 1.577
RMS 0.8082
size [# of strips]

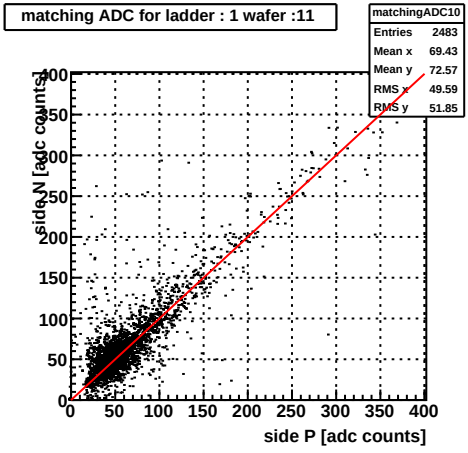

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 5015
Mean x 81.88
Mean y 88.51
RMS x 58.99
RMS y 61.05
side N [adc counts]
side P [adc counts]

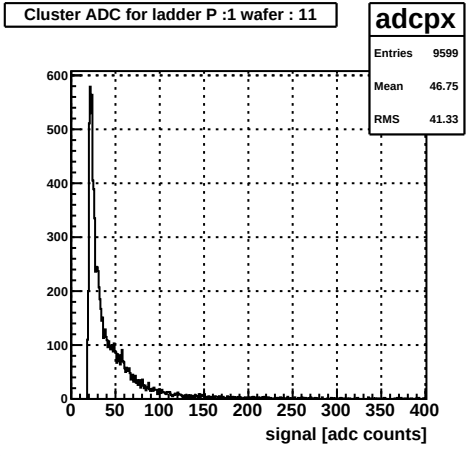

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 6036
Mean 65.87
RMS 53.54
signal [adc counts]

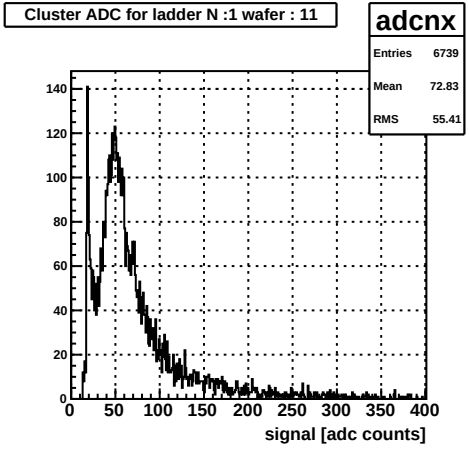

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 8979
Mean 75.62
RMS 57.81
signal [adc counts]

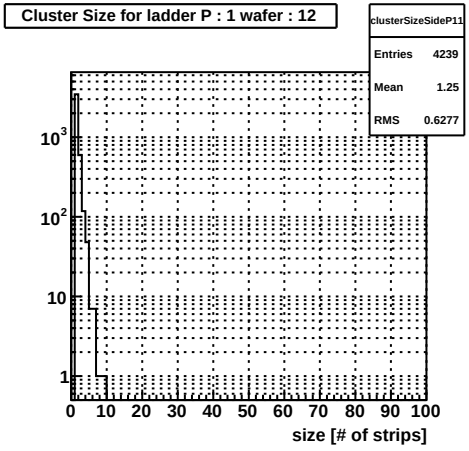

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9599
Mean 1.135
RMS 0.4095
size [# of strips]

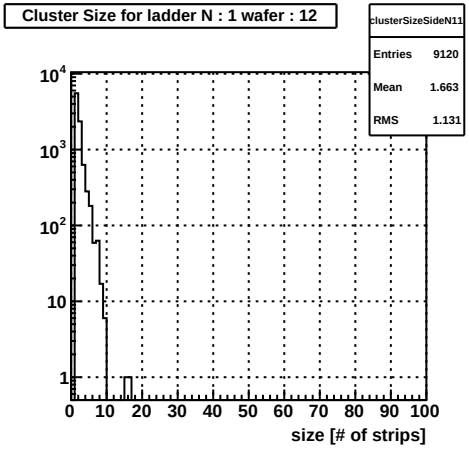

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 6739
Mean 1.513
RMS 0.7568
size [# of strips]

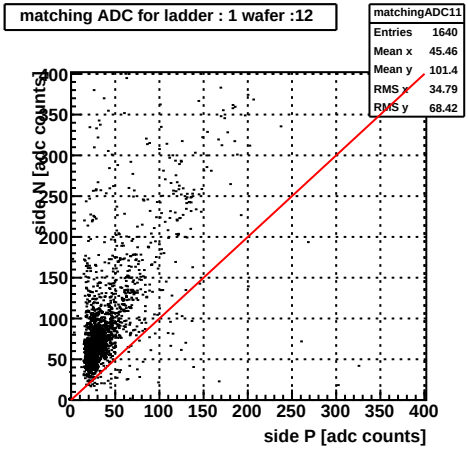

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 2483
Mean x 69.43
Mean y 72.57
RMS x 49.59
RMS y 51.85
side N [adc counts]
side P [adc counts]

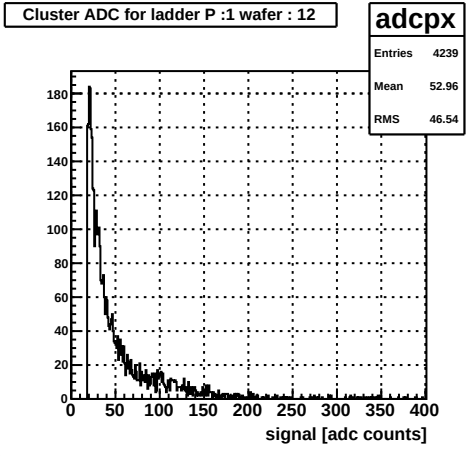

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9599
Mean 46.75
RMS 41.33
signal [adc counts]

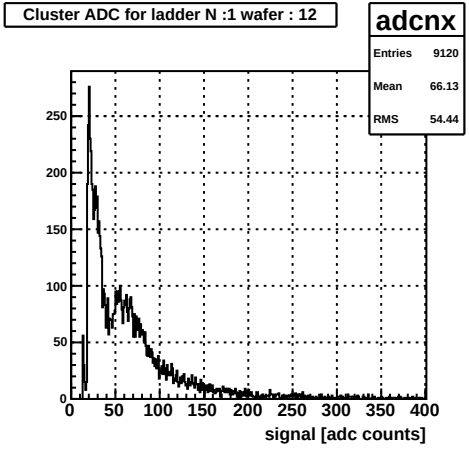

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 6739
Mean 72.83
RMS 55.41
signal [adc counts]

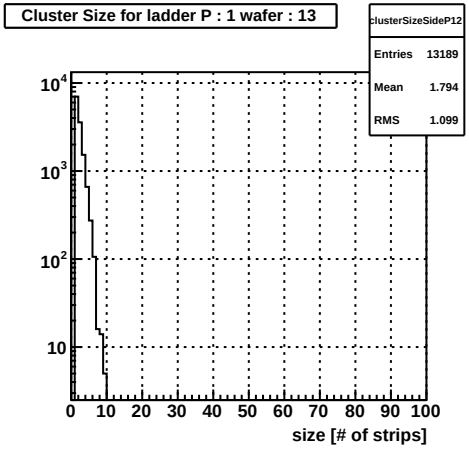

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 4239
Mean 1.25
RMS 0.6277
size [# of strips]

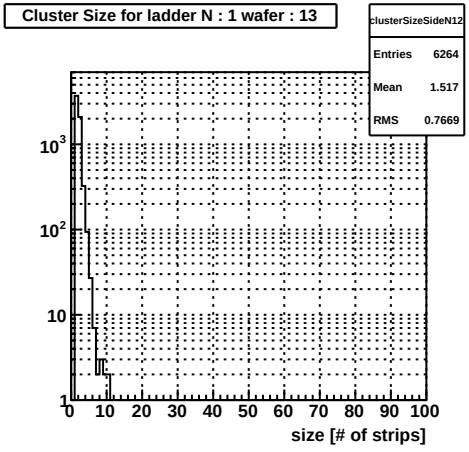

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 9120
Mean 1.663
RMS 1.131
size [# of strips]

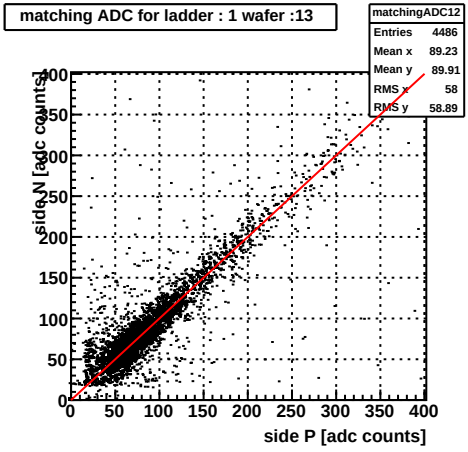

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1640
Mean x 45.46
Mean y 101.4
RMS x 34.79
RMS y 68.42
side N [adc counts]
side P [adc counts]

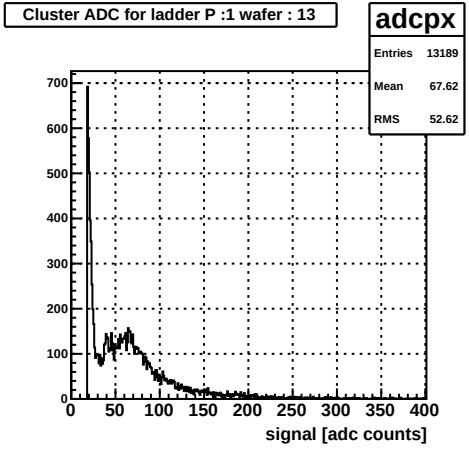

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 4239
Mean 52.96
RMS 46.54
signal [adc counts]

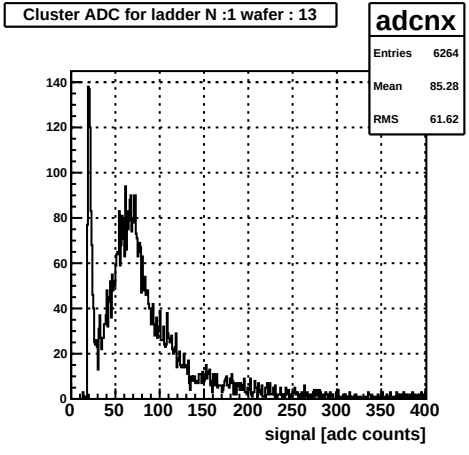

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 9120
Mean 66.13
RMS 54.44
signal [adc counts]

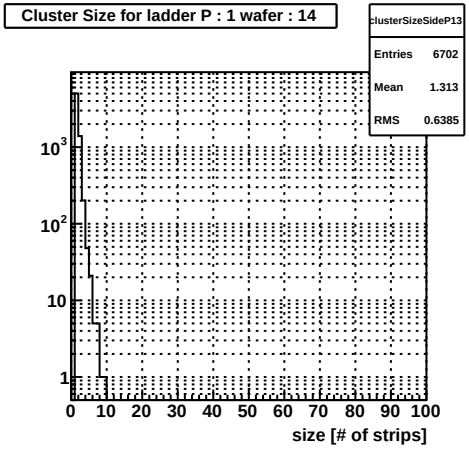

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 13189
Mean 1.794
RMS 1.099
size [# of strips]

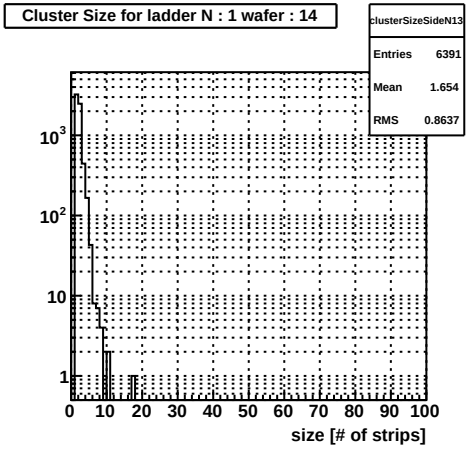

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 6264
Mean 1.517
RMS 0.7669
size [# of strips]

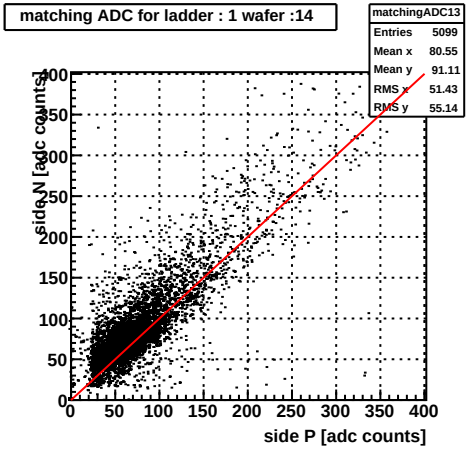

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 4486
Mean x 89.23
Mean y 89.91
RMS x 58
RMS y 58.89
side N [adc counts]
side P [adc counts]

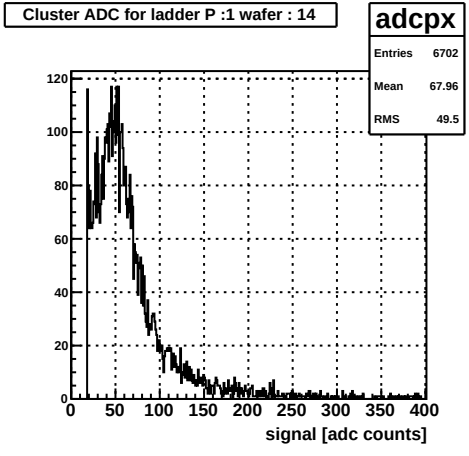

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 13189
Mean 67.62
RMS 52.62
signal [adc counts]

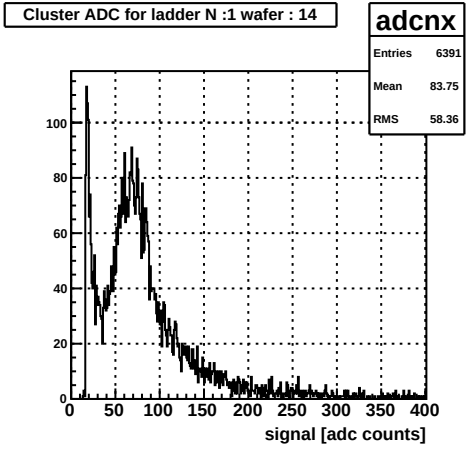

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 6264
Mean 85.28
RMS 61.62
signal [adc counts]

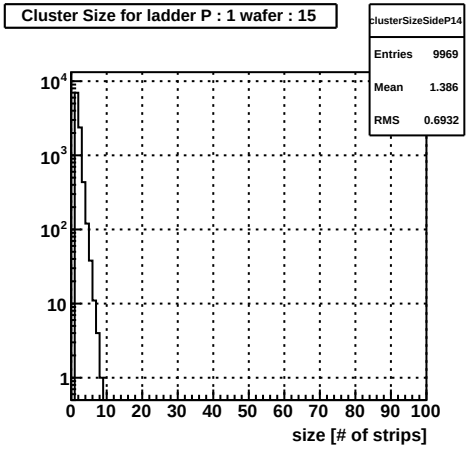

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 6702
Mean 1.313
RMS 0.6385
size [# of strips]

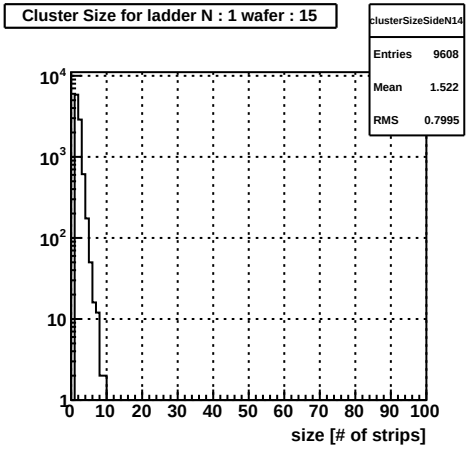

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 6391
Mean 1.654
RMS 0.8637
size [# of strips]

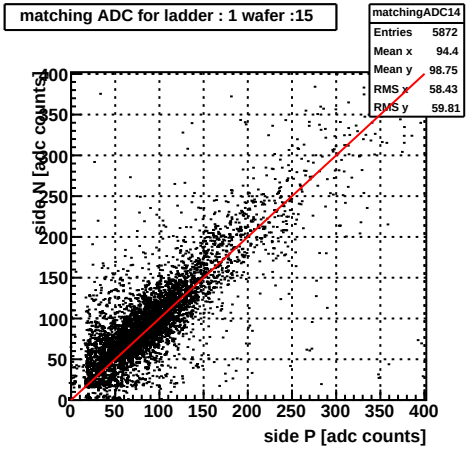

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 5099
Mean x 80.55
Mean y 91.11
RMS x 51.43
RMS y 55.14
side N [adc counts]
side P [adc counts]

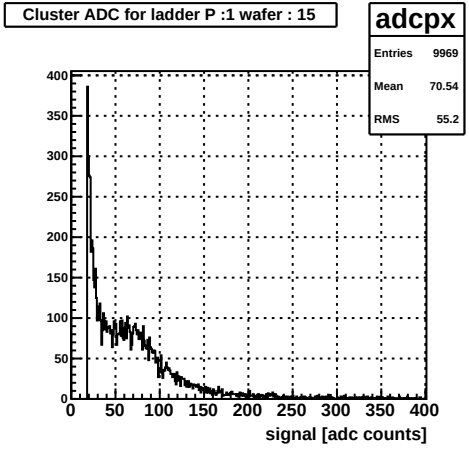

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 6702
Mean 67.96
RMS 49.5
signal [adc counts]

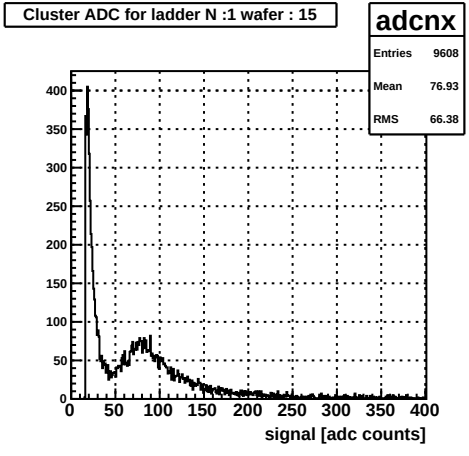

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 6391
Mean 83.75
RMS 58.36
signal [adc counts]

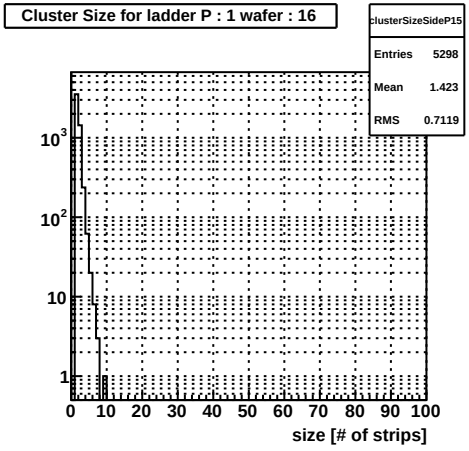

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 9969
Mean 1.386
RMS 0.6932
size [# of strips]

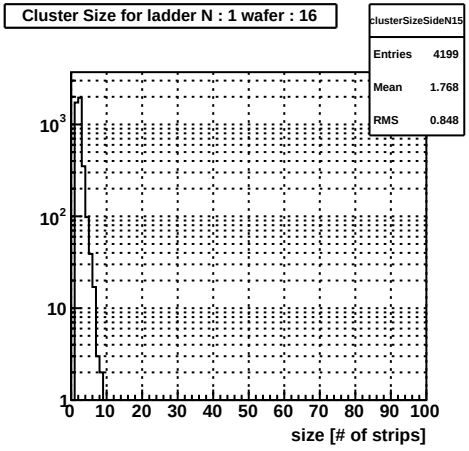

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 9608
Mean 1.522
RMS 0.7995
size [# of strips]

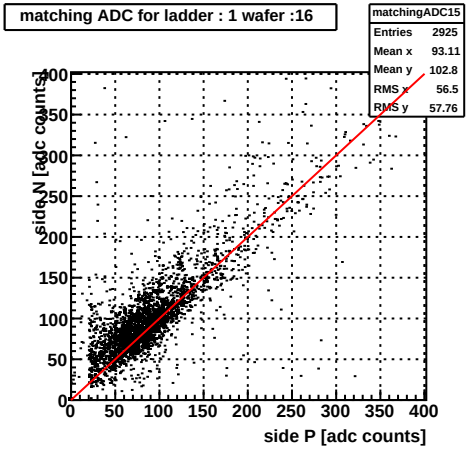

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 5872
Mean x 94.4
Mean y 98.75
RMS x 58.43
RMS y 59.81
side N [adc counts]
side P [adc counts]

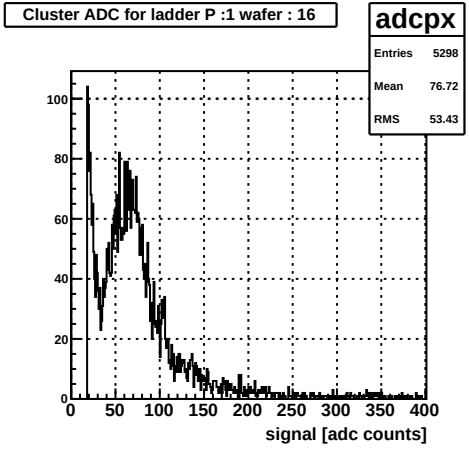

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 9969
Mean 70.54
RMS 55.2
signal [adc counts]

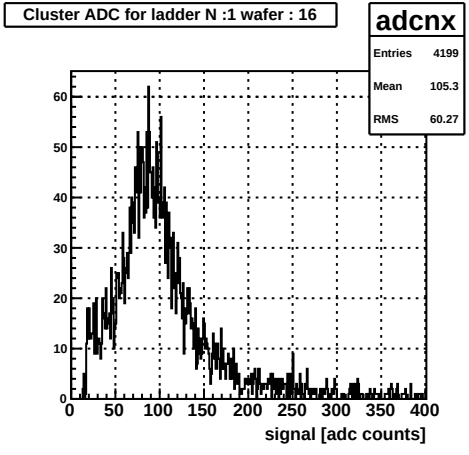

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 9608
Mean 76.93
RMS 66.38
signal [adc counts]

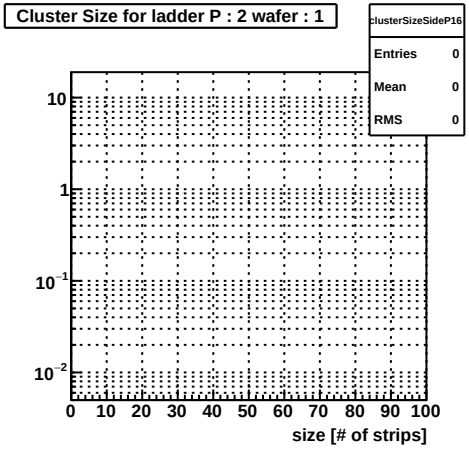

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 5298
Mean 1.423
RMS 0.7119
size [# of strips]

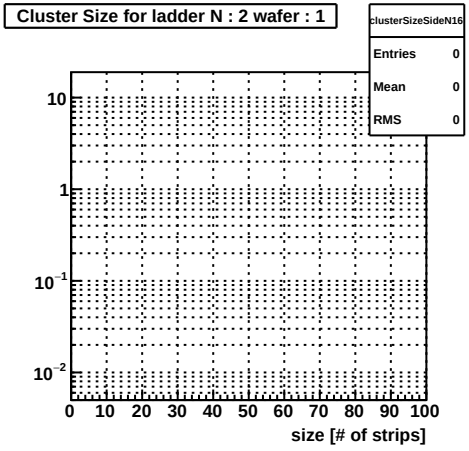

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 4199
Mean 1.768
RMS 0.848
size [# of strips]

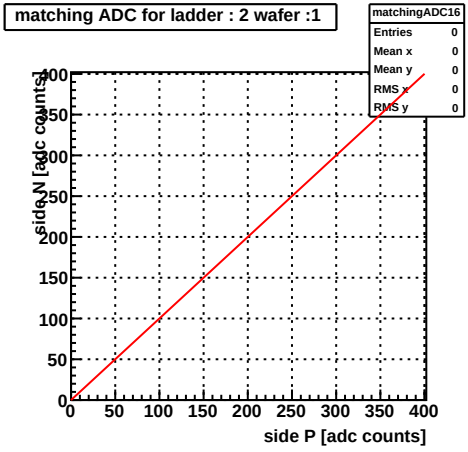

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 2925
Mean x 93.11
Mean y 102.8
RMS x 56.5
RMS y 57.76
side N [adc counts]
side P [adc counts]

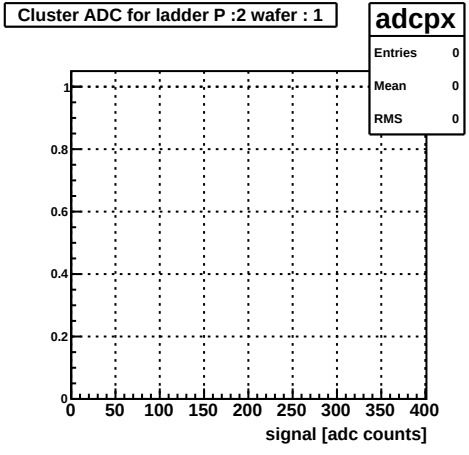

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 5298
Mean 76.72
RMS 53.43
signal [adc counts]

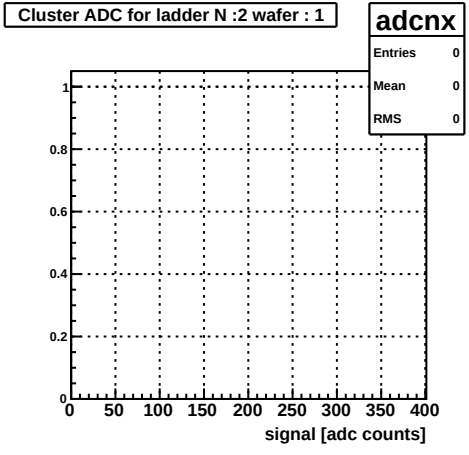

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 4199
Mean 105.3
RMS 60.27
signal [adc counts]

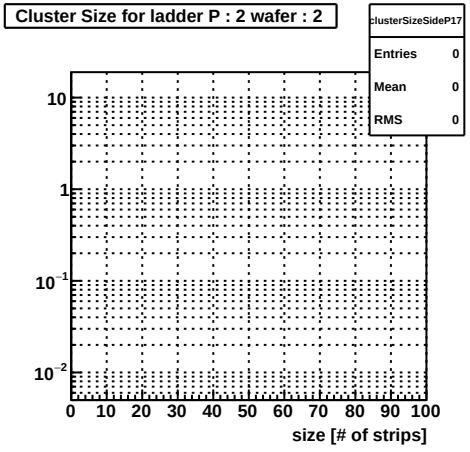

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

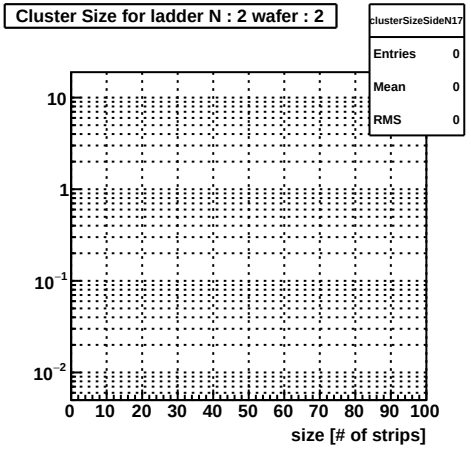

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

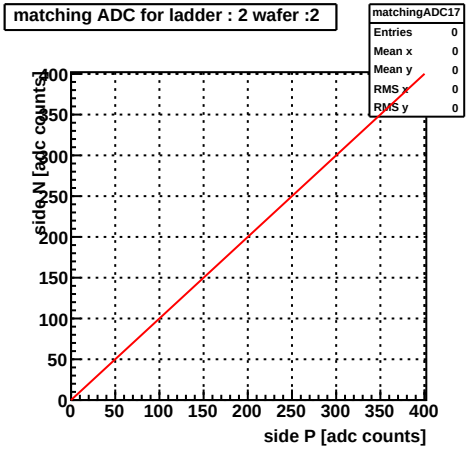

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

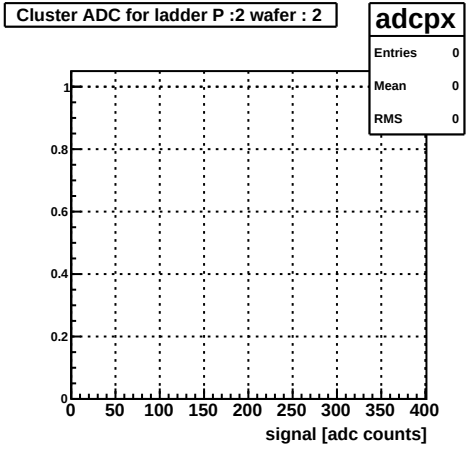

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

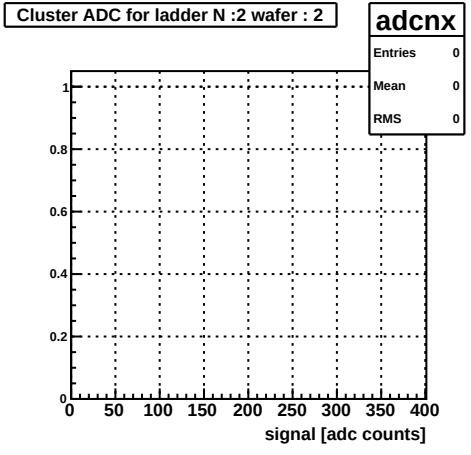

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

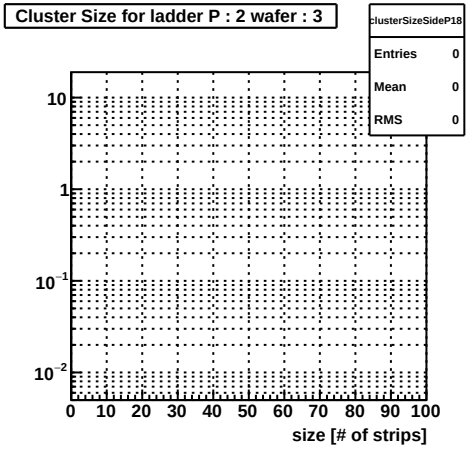

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

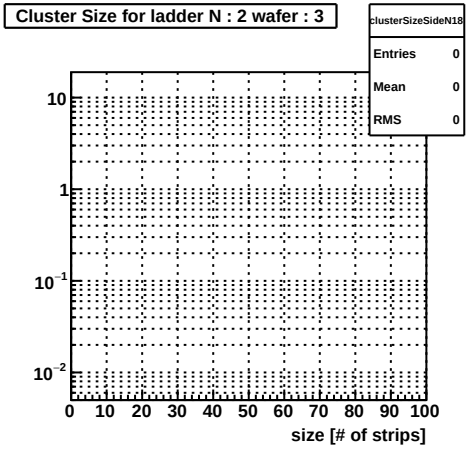

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

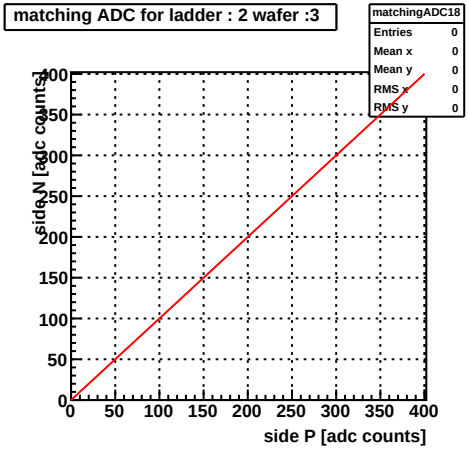

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

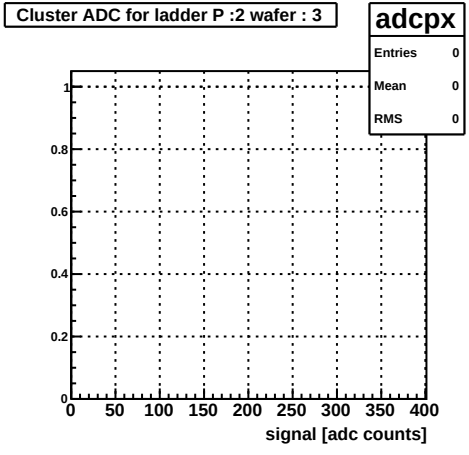

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

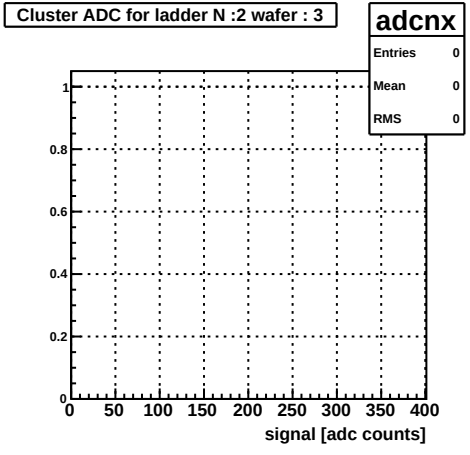

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

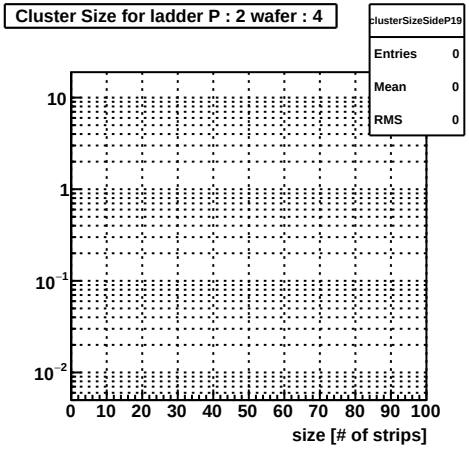

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

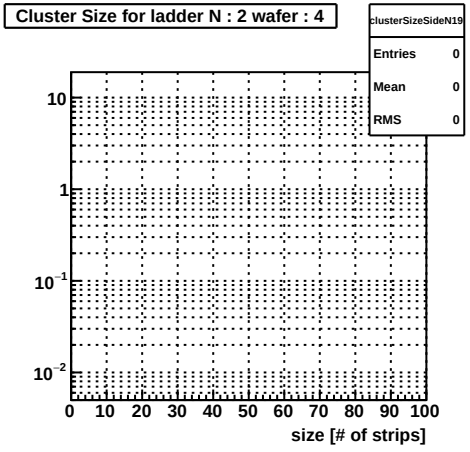

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

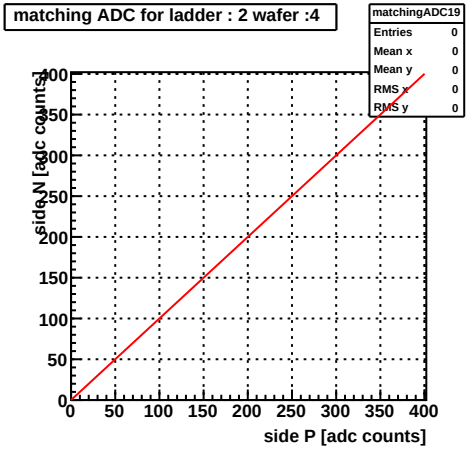

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

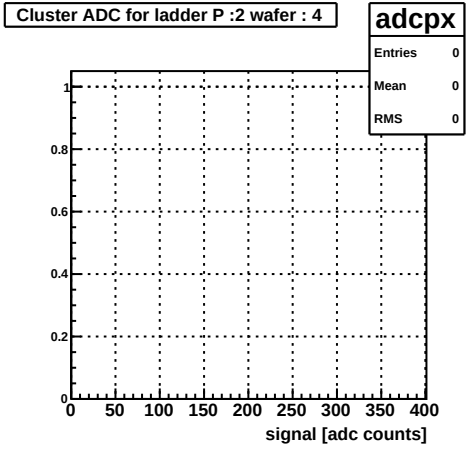

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

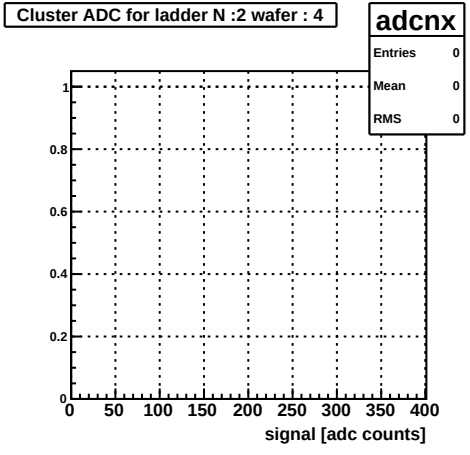

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

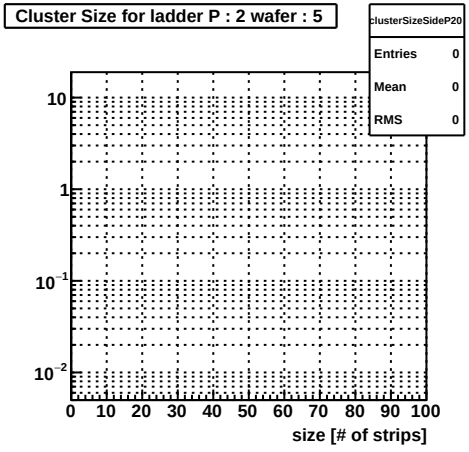

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

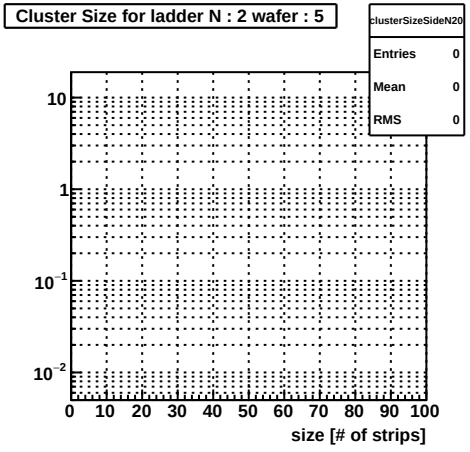

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

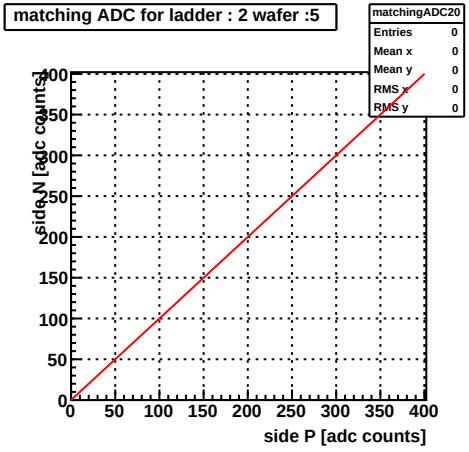

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

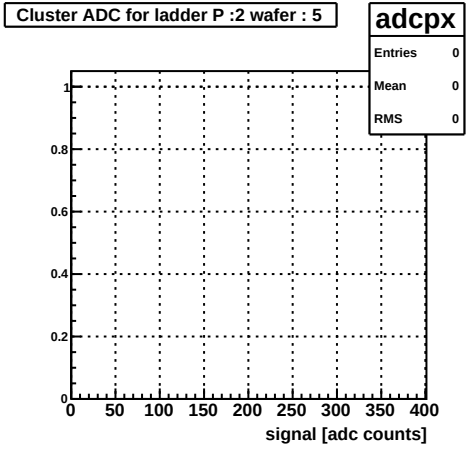

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

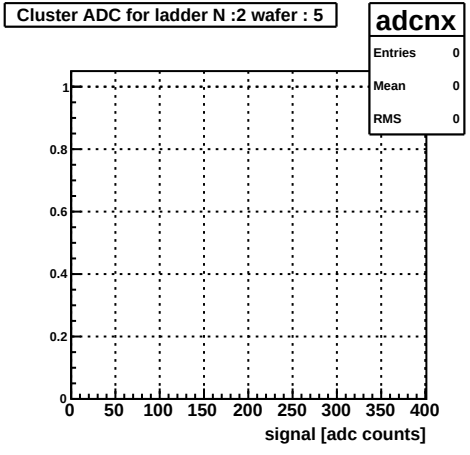

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

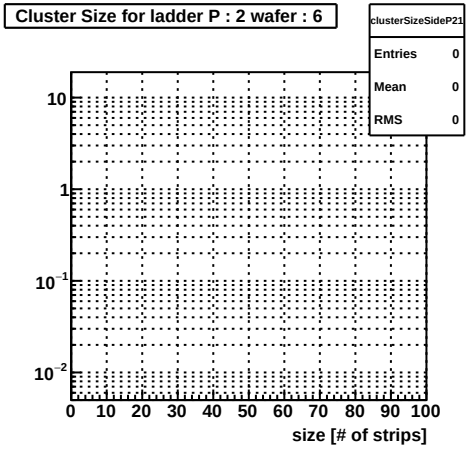

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

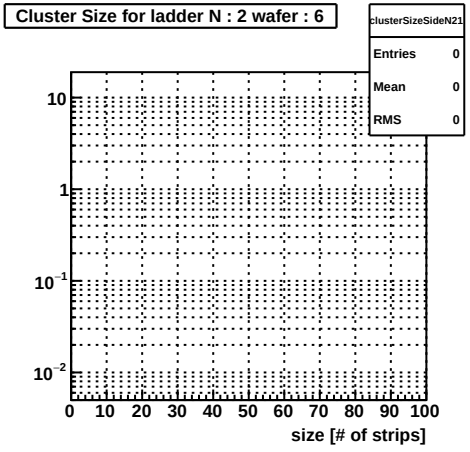

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

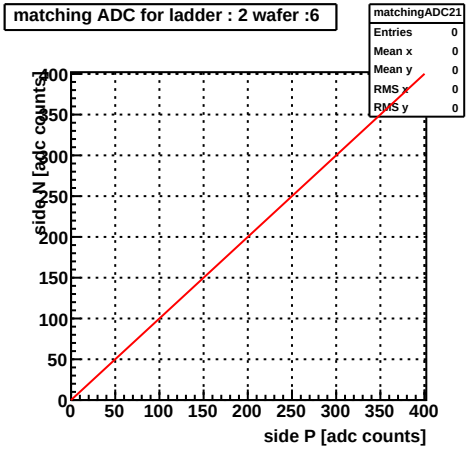

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

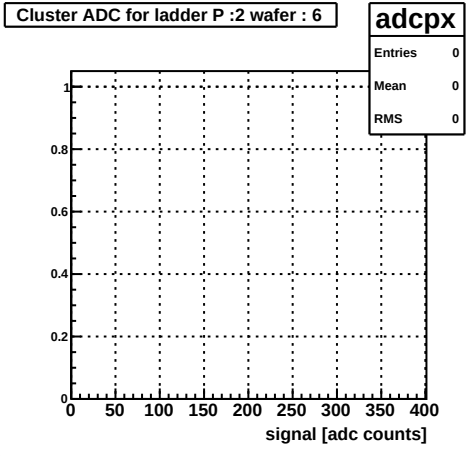

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

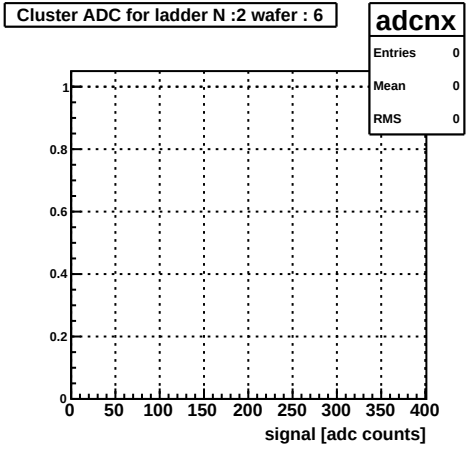

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

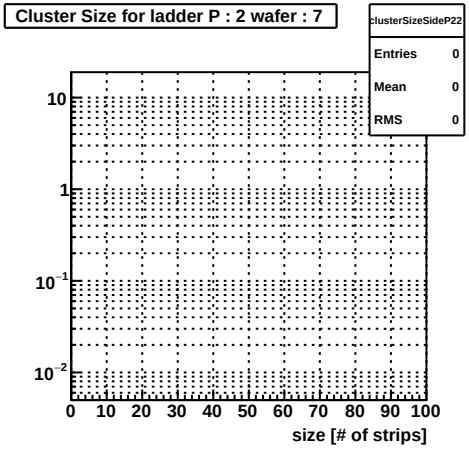

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

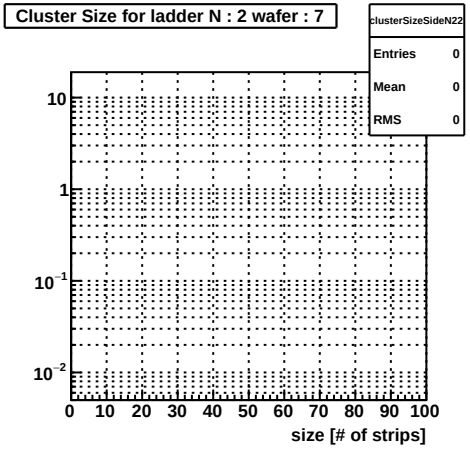

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

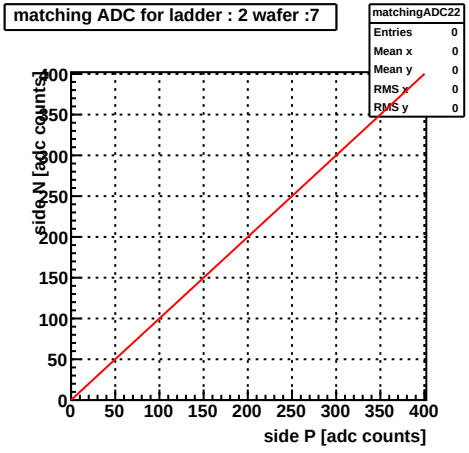

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

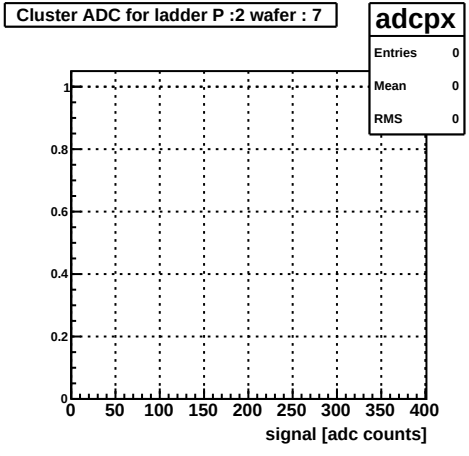

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

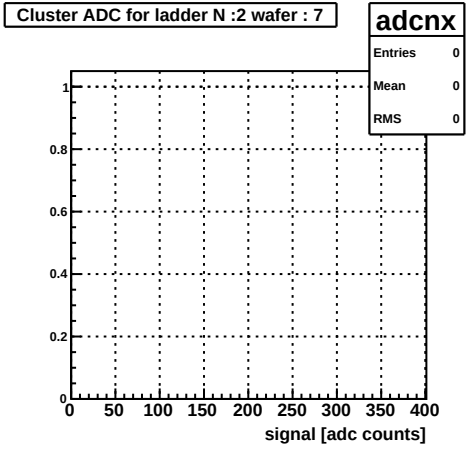

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

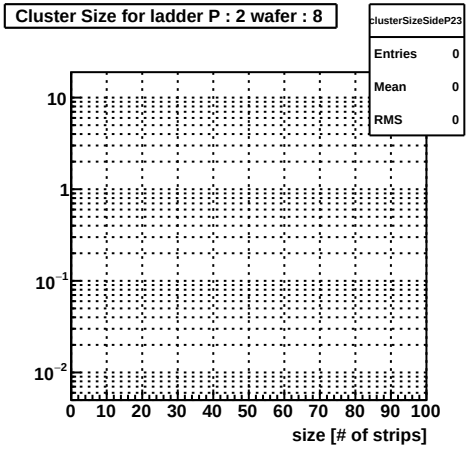

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

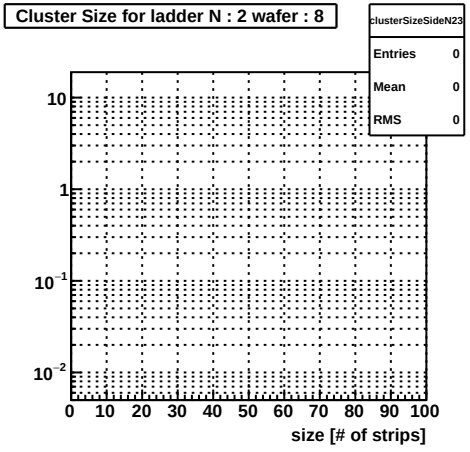

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

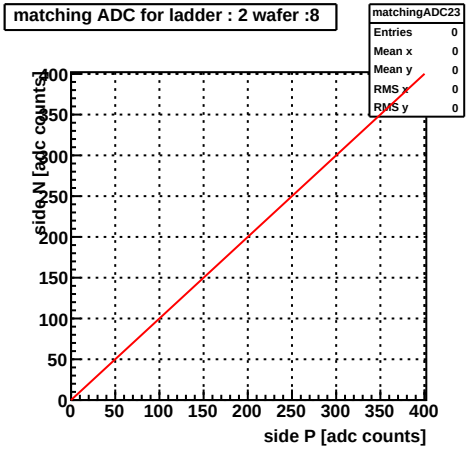

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

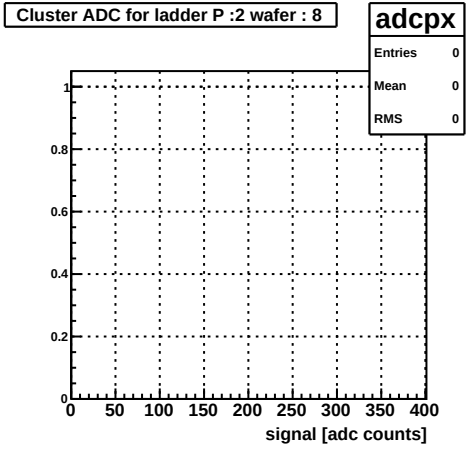

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

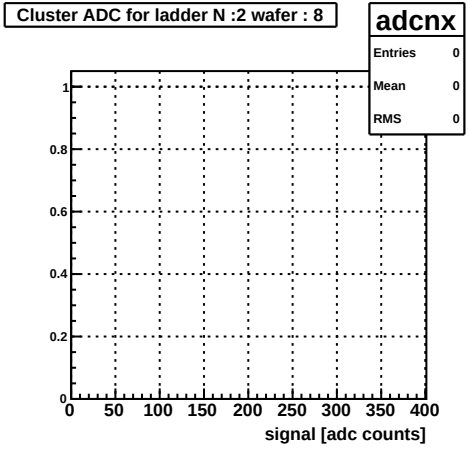

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

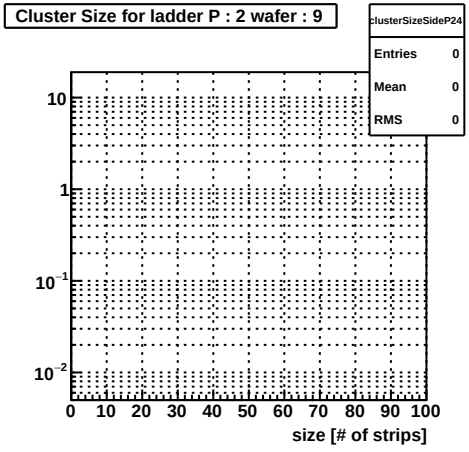

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

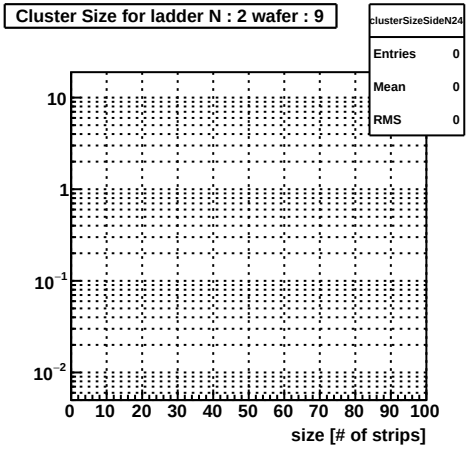

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

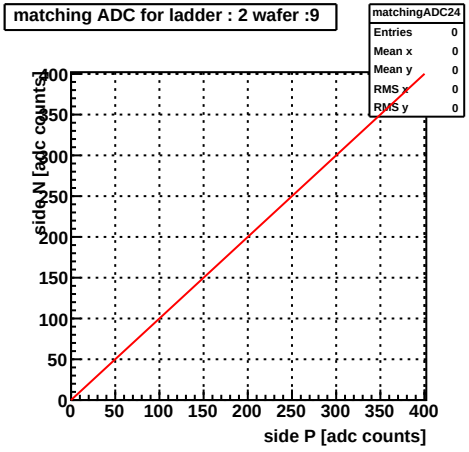

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

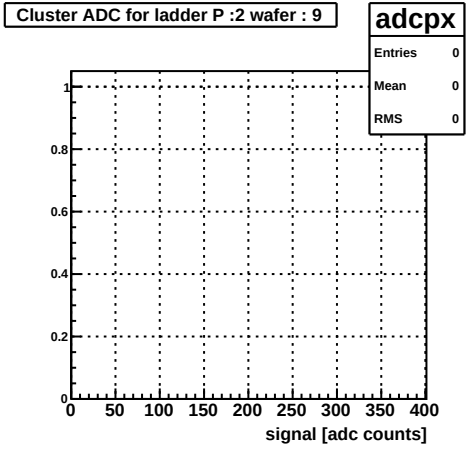

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

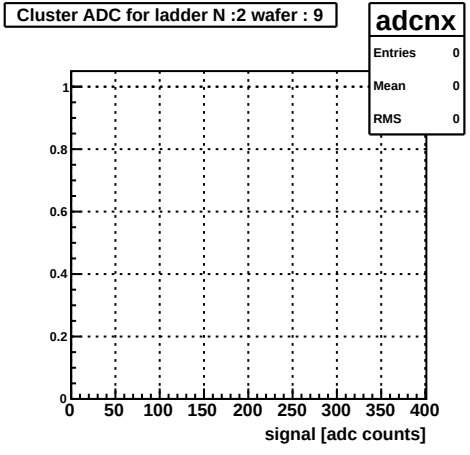

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

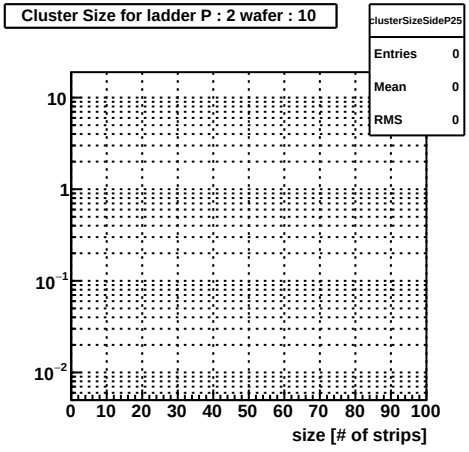

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

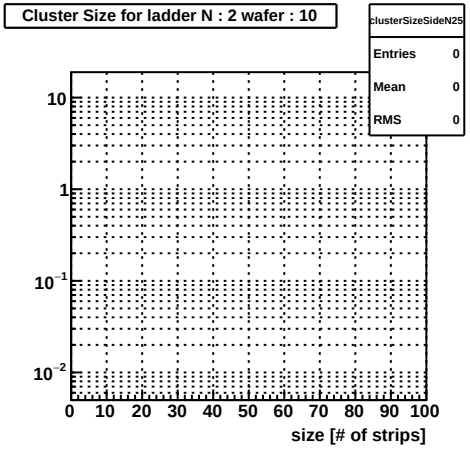

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

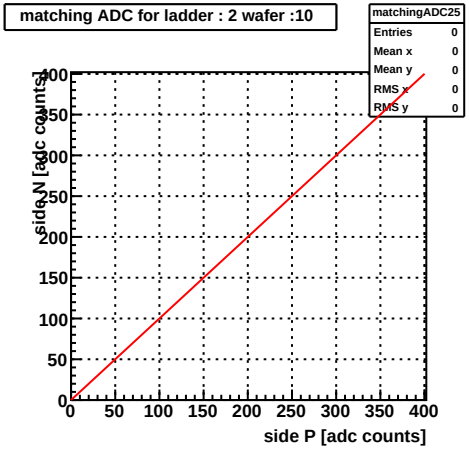

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

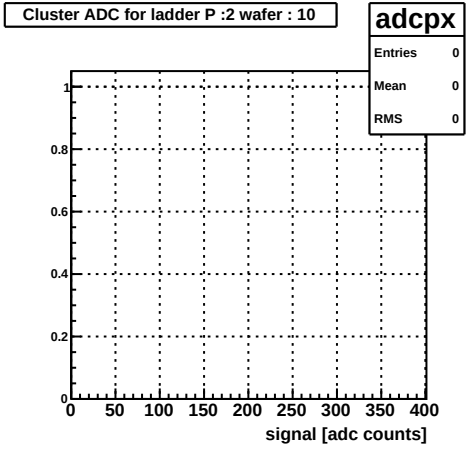

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

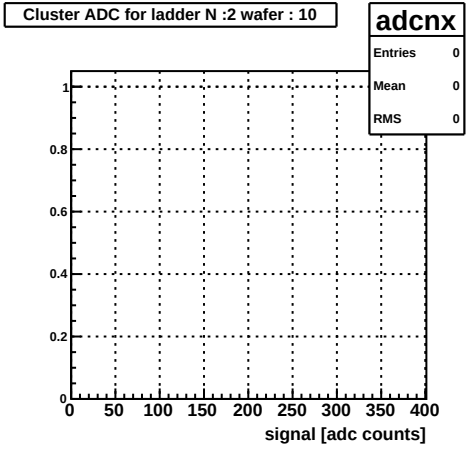

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

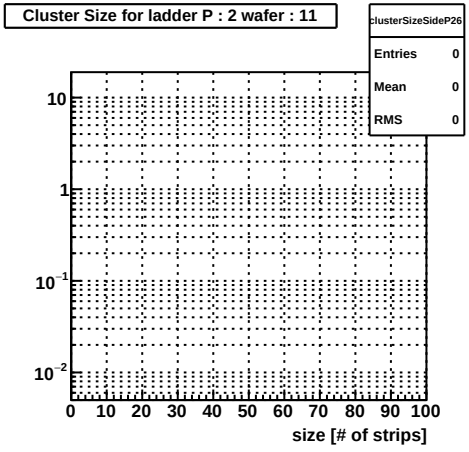

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

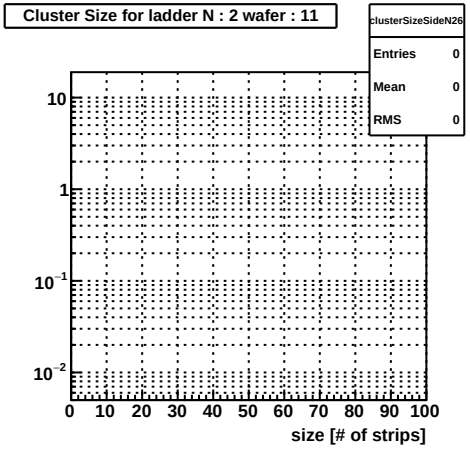

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

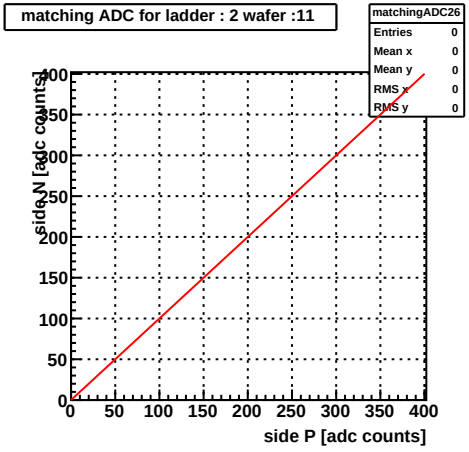

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

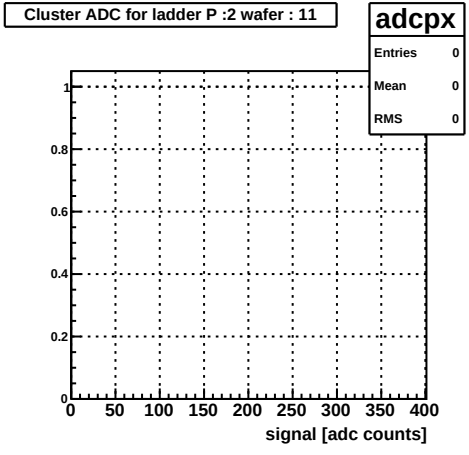

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

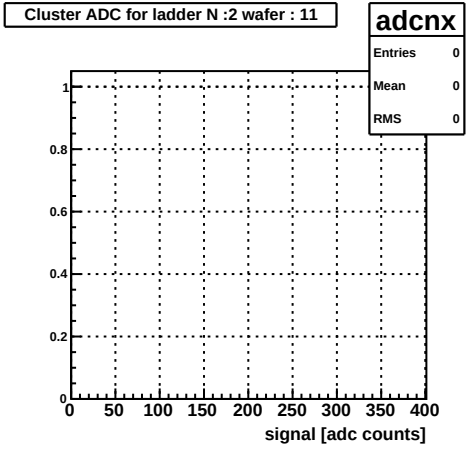

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

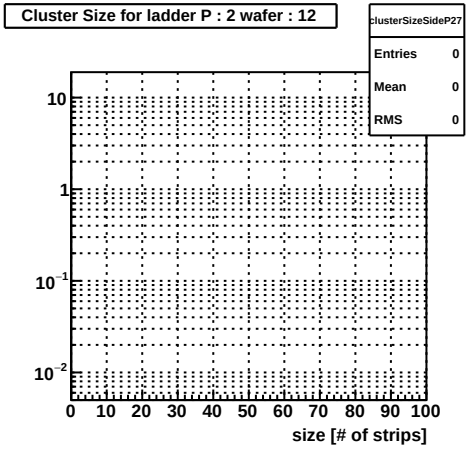

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

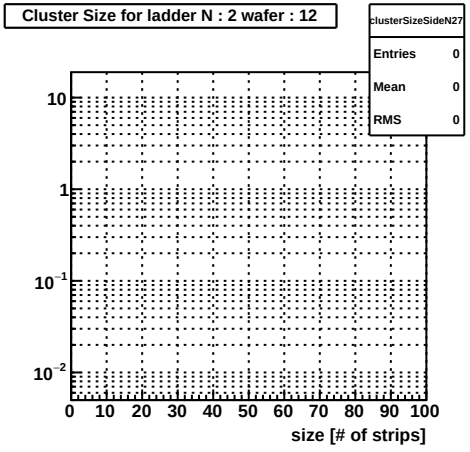

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

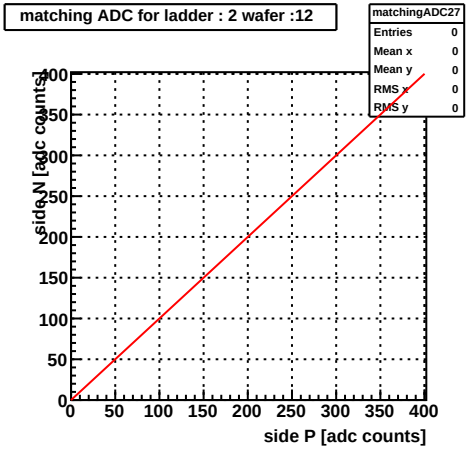

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

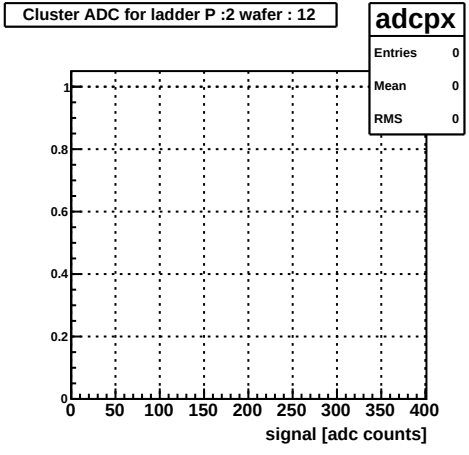

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

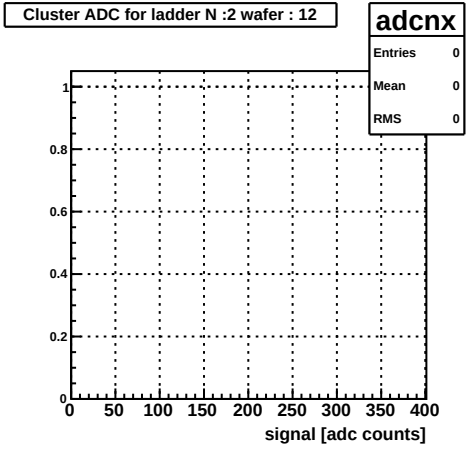

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

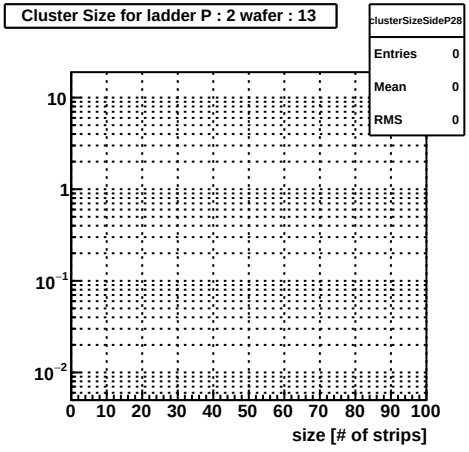

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

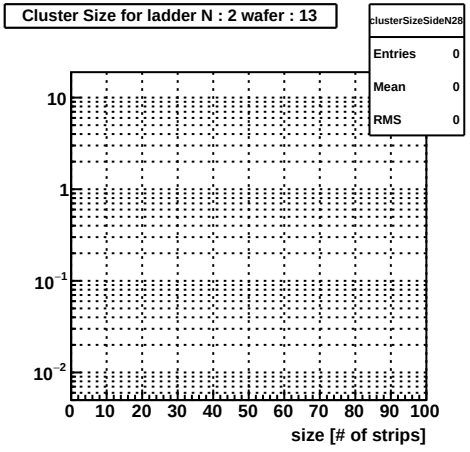

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

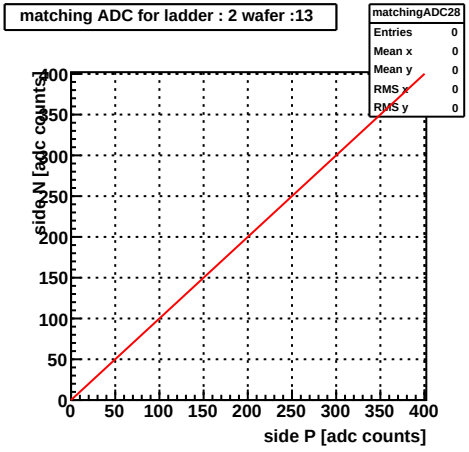

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

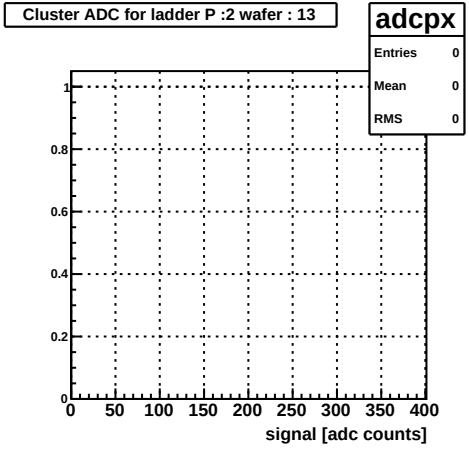

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

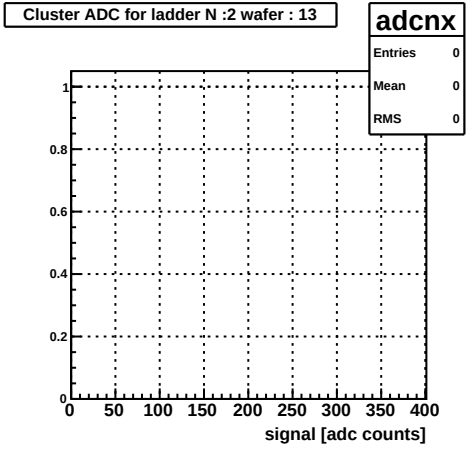

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

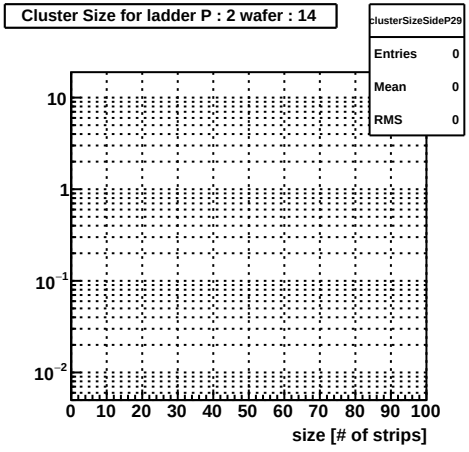

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

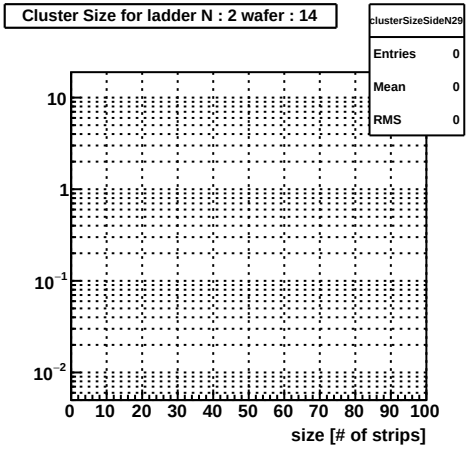

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

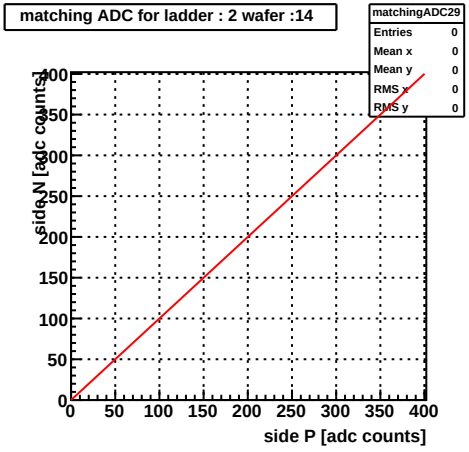

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

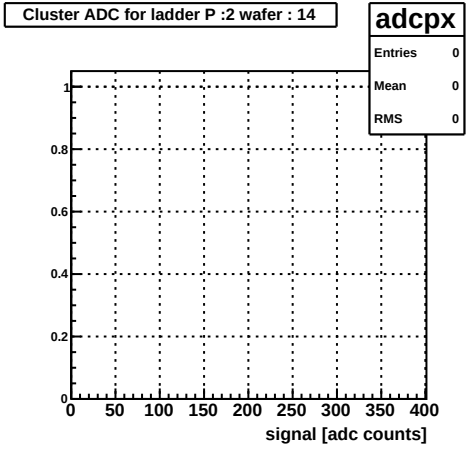

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

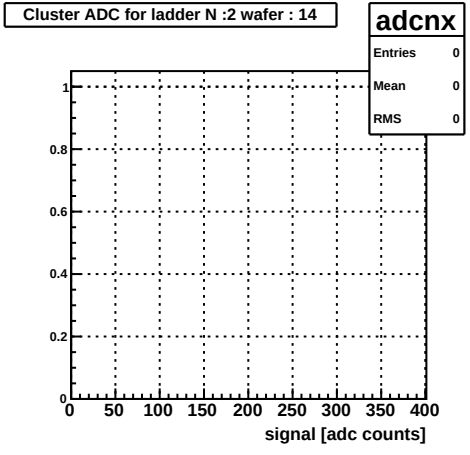

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

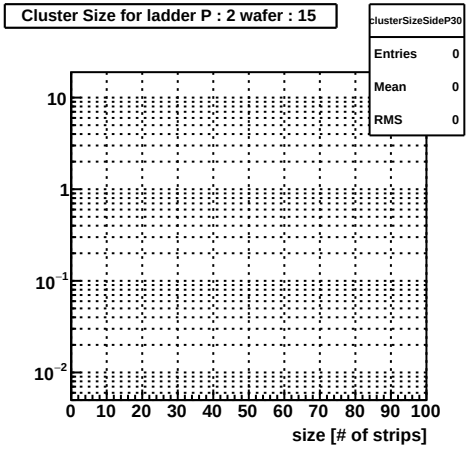

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

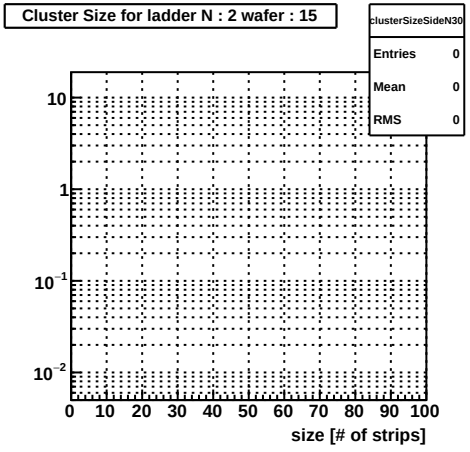

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

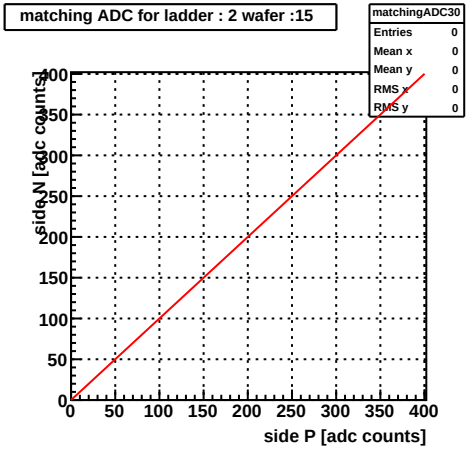

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

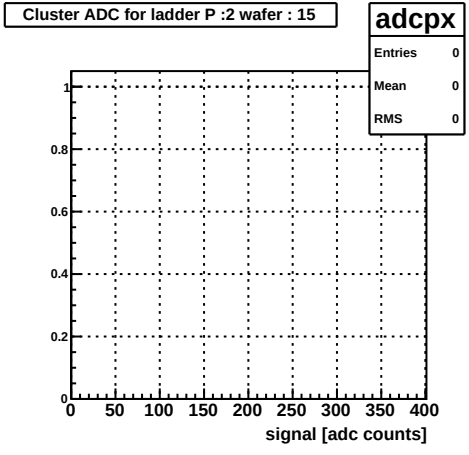

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

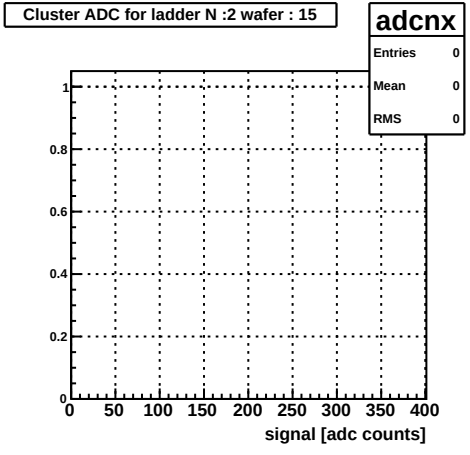

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

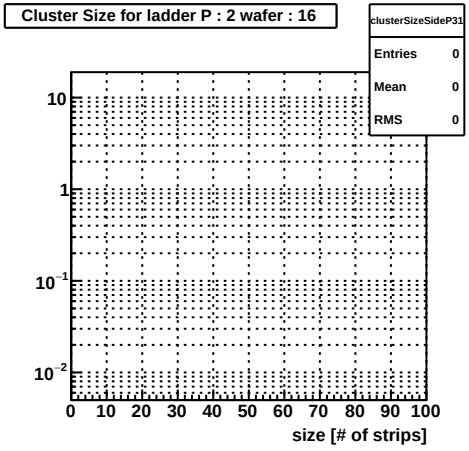

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

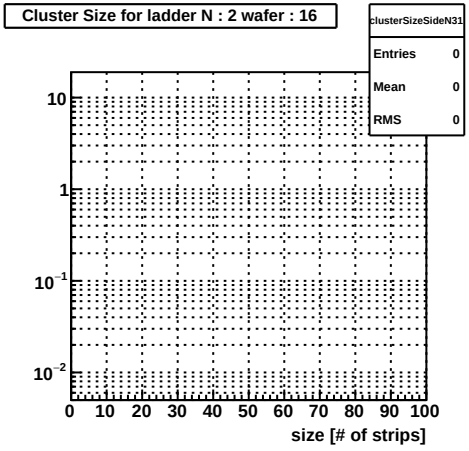

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

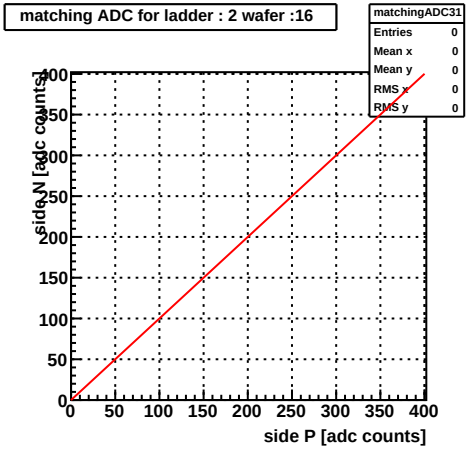

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

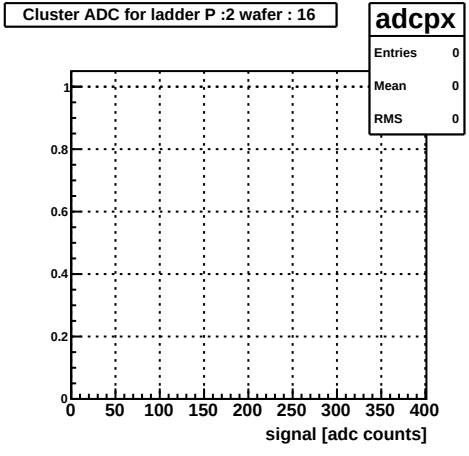

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

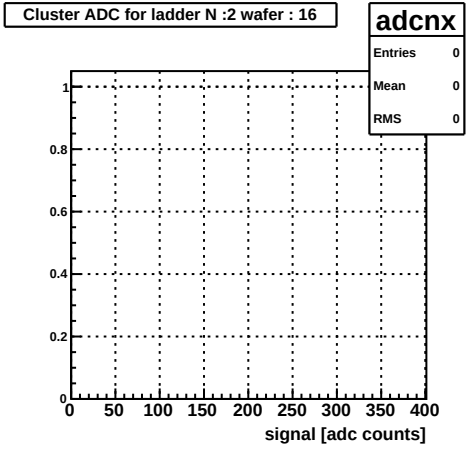

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

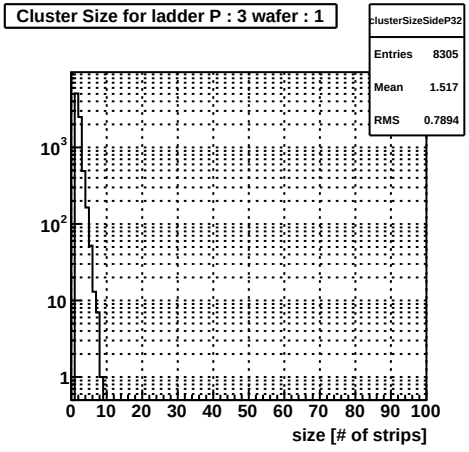

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

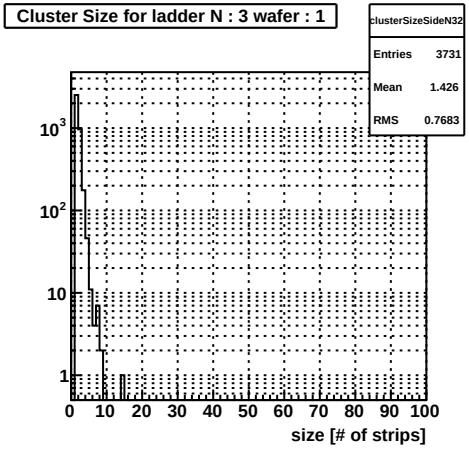

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

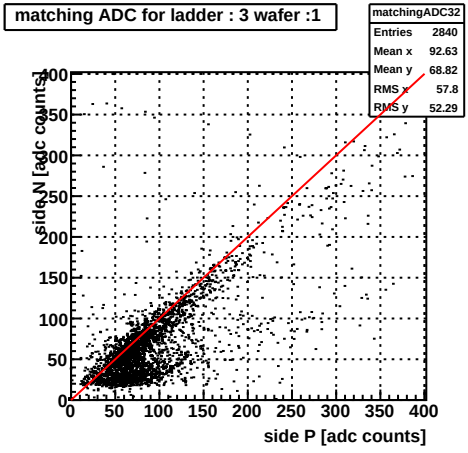

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

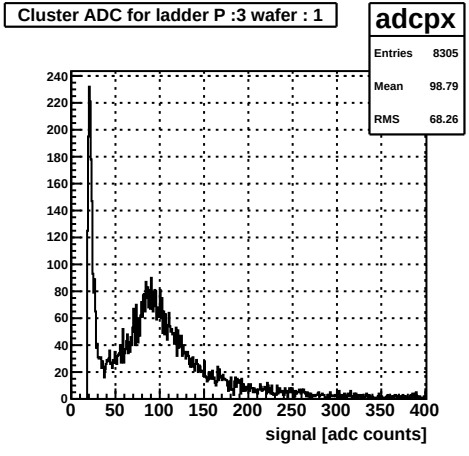

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

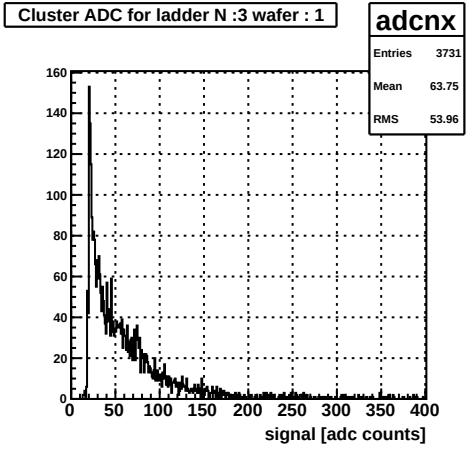

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

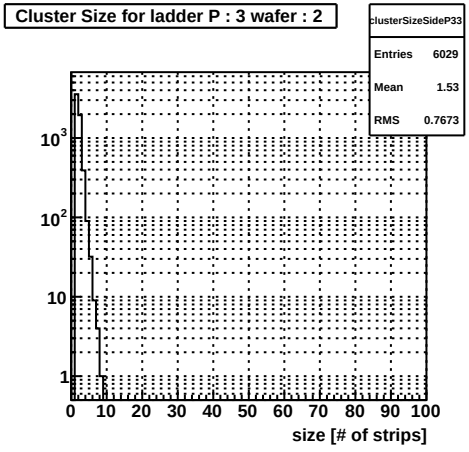

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 8305
Mean 1.517
RMS 0.7894
size [# of strips]

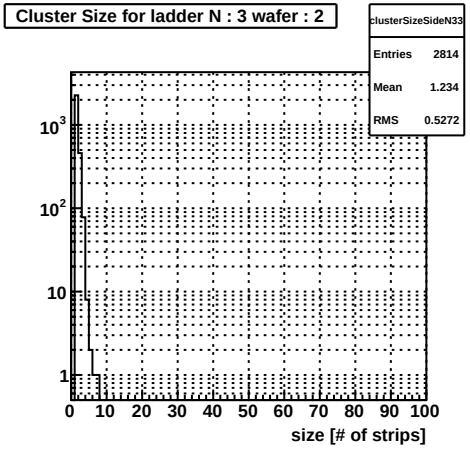

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3731
Mean 1.426
RMS 0.7683
size [# of strips]

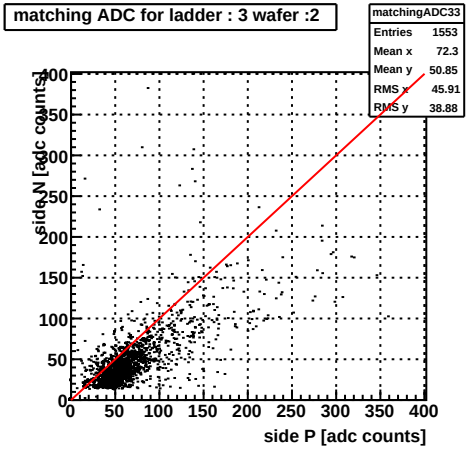

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 2840
Mean x 92.63
Mean y 68.82
RMS x 57.8
RMS y 52.29
side N [adc counts]
side P [adc counts]

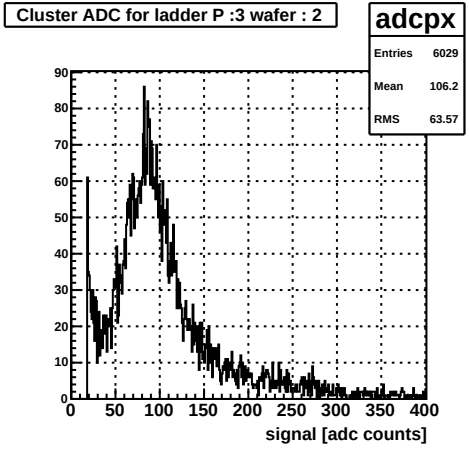

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 8305
Mean 98.79
RMS 68.26
signal [adc counts]

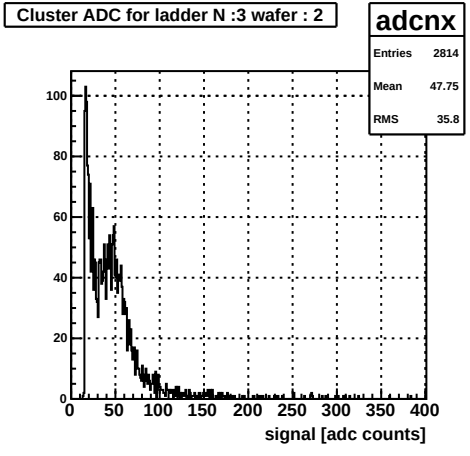

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3731
Mean 63.75
RMS 53.96
signal [adc counts]

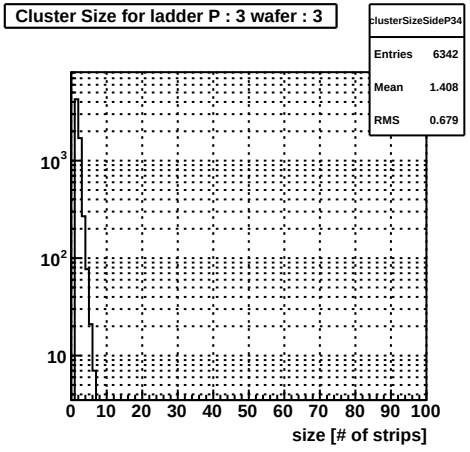

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 6029
Mean 1.53
RMS 0.7673
size [# of strips]

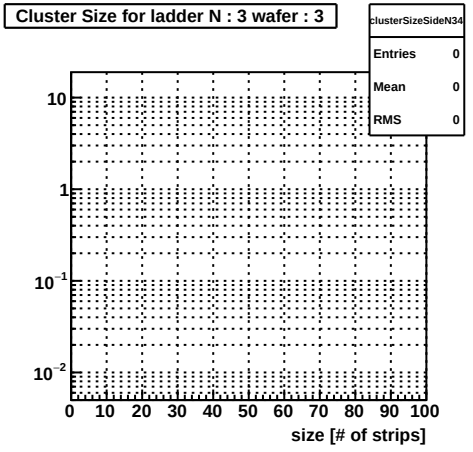

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2814
Mean 1.234
RMS 0.5272
size [# of strips]

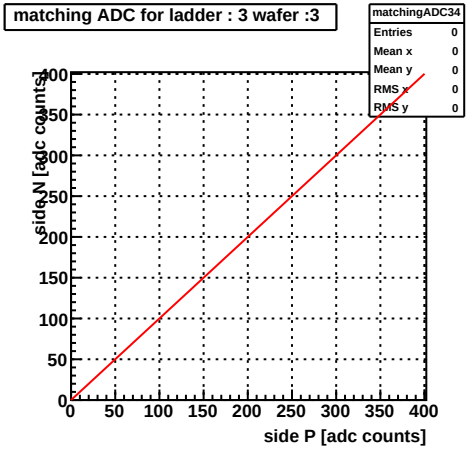

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 1553
Mean x 72.3
Mean y 50.85
RMS x 45.91
RMS y 38.88
side N [adc counts]
side P [adc counts]

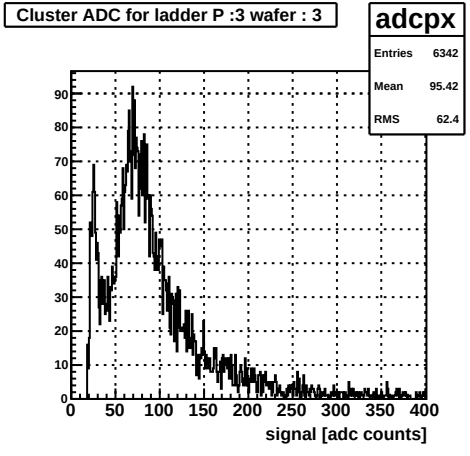

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 6029
Mean 106.2
RMS 63.57
signal [adc counts]

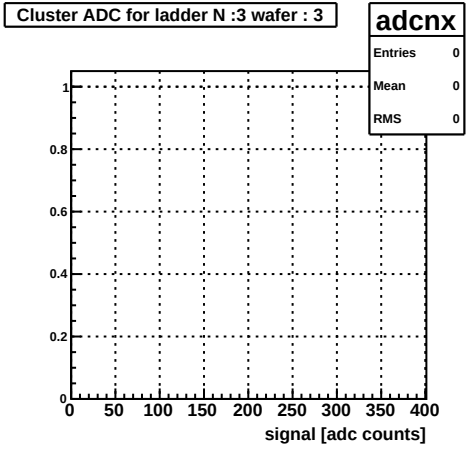

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2814
Mean 47.75
RMS 35.8
signal [adc counts]

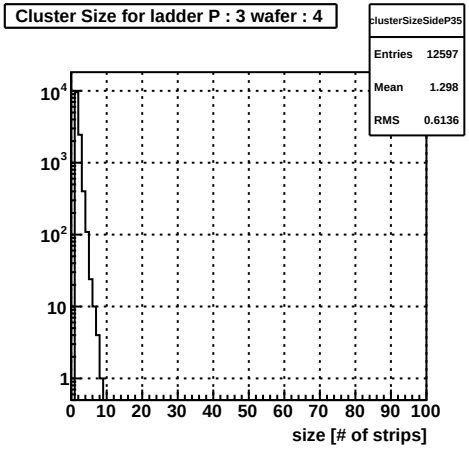

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 6342
Mean 1.408
RMS 0.679
size [# of strips]

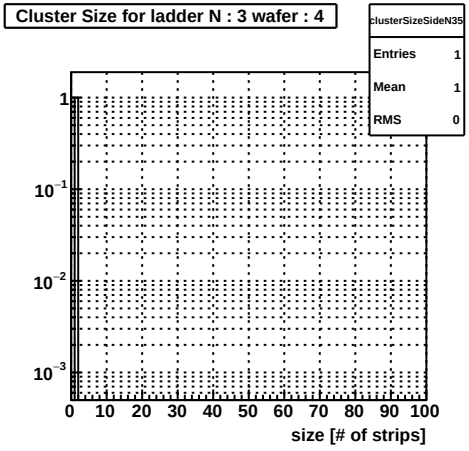

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

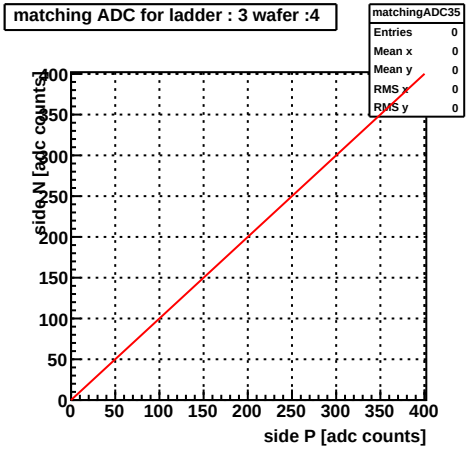

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

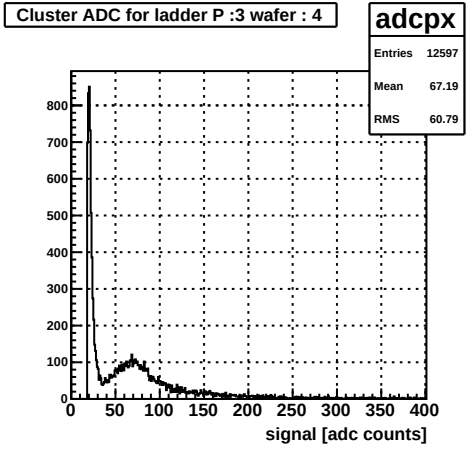

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 6342
Mean 95.42
RMS 62.4
signal [adc counts]

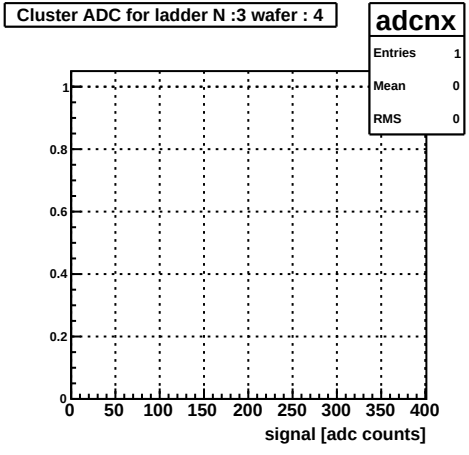

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

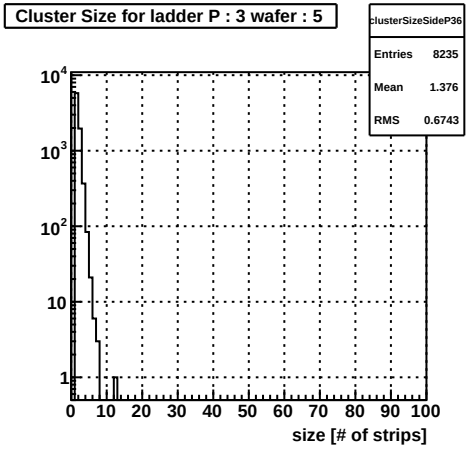

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 12597
Mean 1.298
RMS 0.6136
size [# of strips]

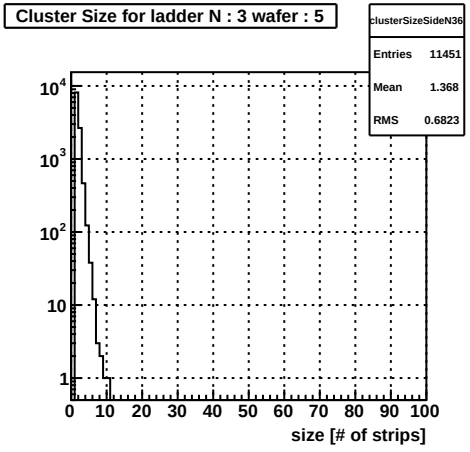

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

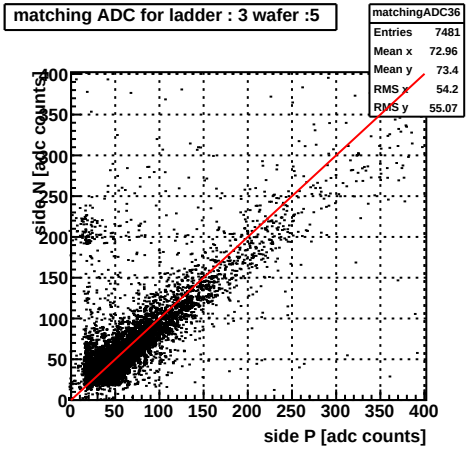

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

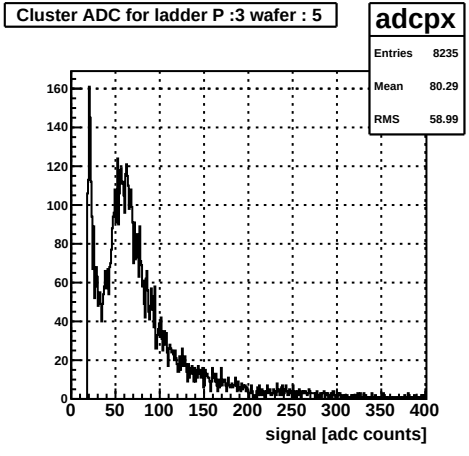

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 12597
Mean 67.19
RMS 60.79
signal [adc counts]

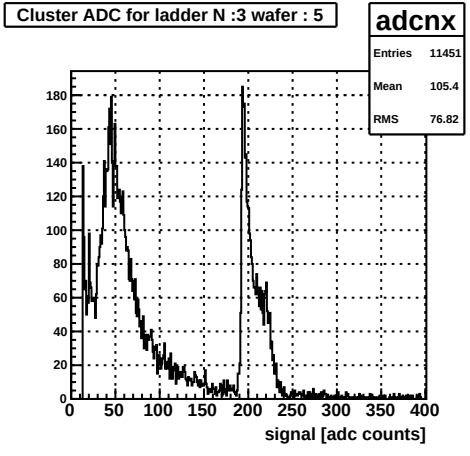

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

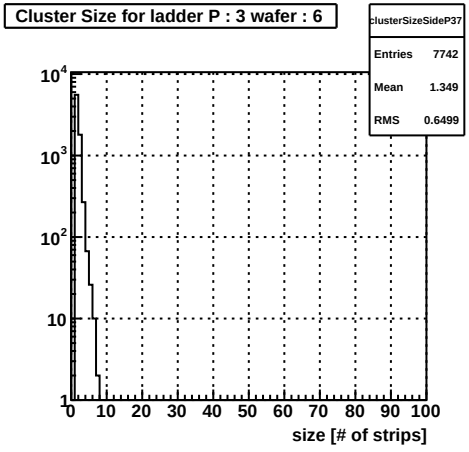

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 8235
Mean 1.376
RMS 0.6743
size [# of strips]

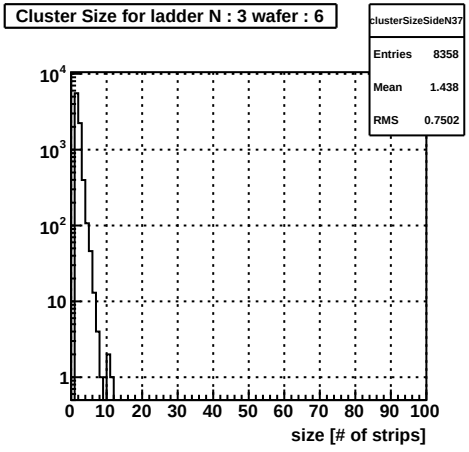

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 11451
Mean 1.368
RMS 0.6823
size [# of strips]

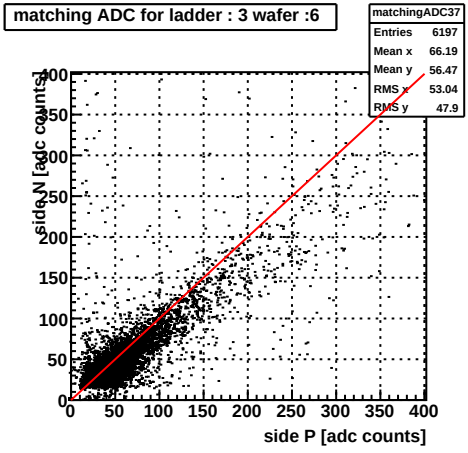

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 7481
Mean x 72.96
Mean y 73.4
RMS x 54.2
RMS y 55.07
side N [adc counts]
side P [adc counts]

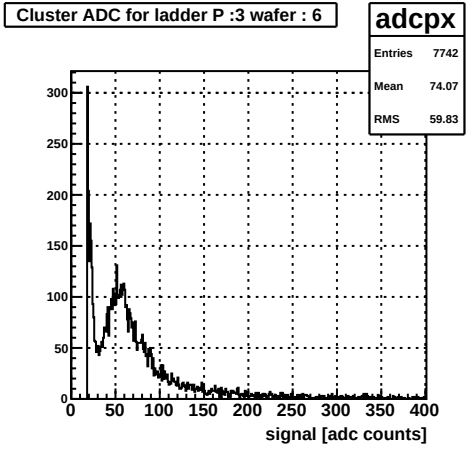

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 8235
Mean 80.29
RMS 58.99
signal [adc counts]

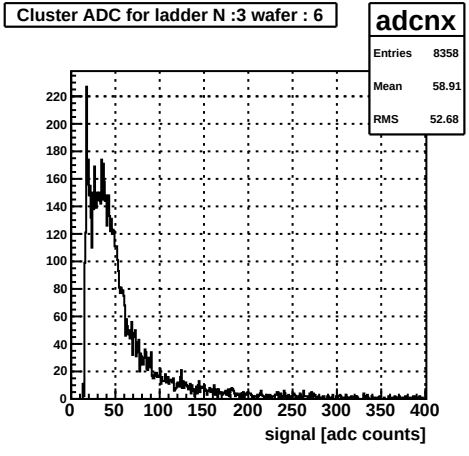

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 11451
Mean 105.4
RMS 76.82
signal [adc counts]

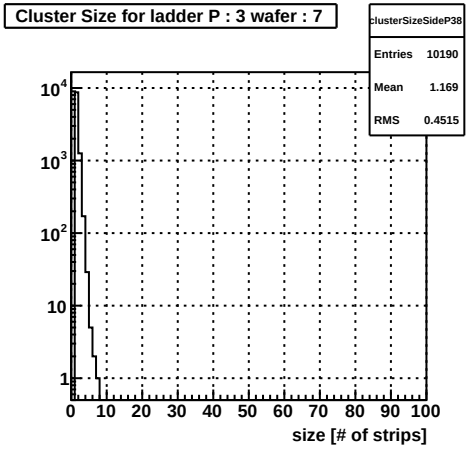

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7742
Mean 1.349
RMS 0.6499
size [# of strips]

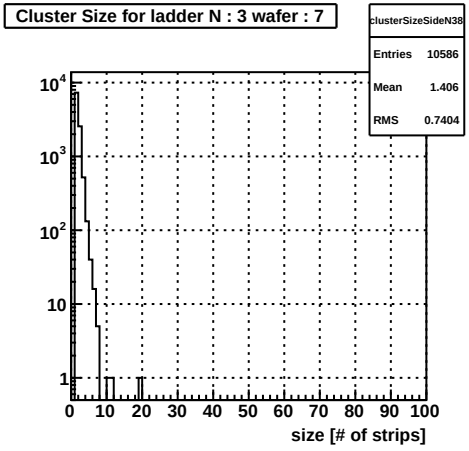

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 8358
Mean 1.438
RMS 0.7502
size [# of strips]

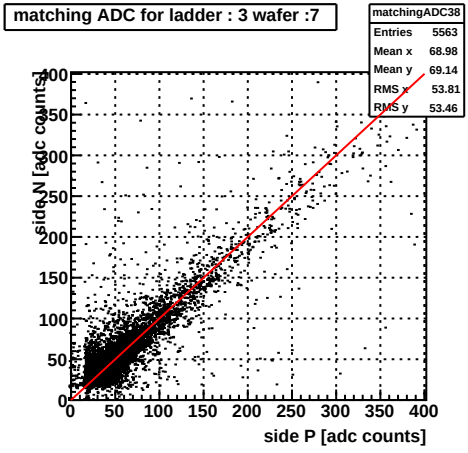

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 6197
Mean x 66.19
Mean y 56.47
RMS x 53.04
RMS y 47.9
side N [adc counts]
side P [adc counts]

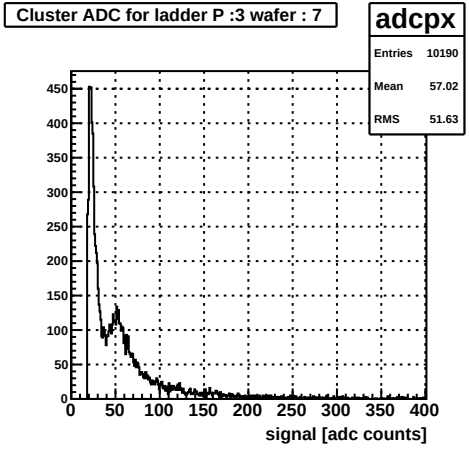

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7742
Mean 74.07
RMS 59.83
signal [adc counts]

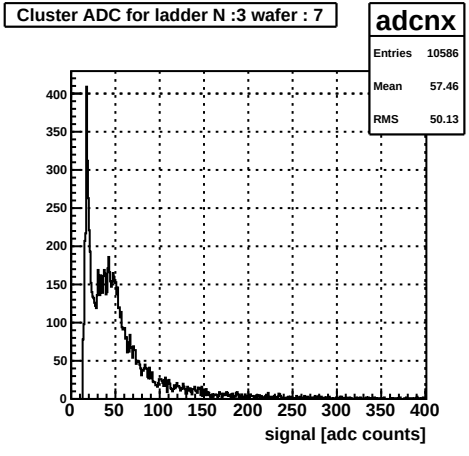

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 8358
Mean 58.91
RMS 52.68
signal [adc counts]

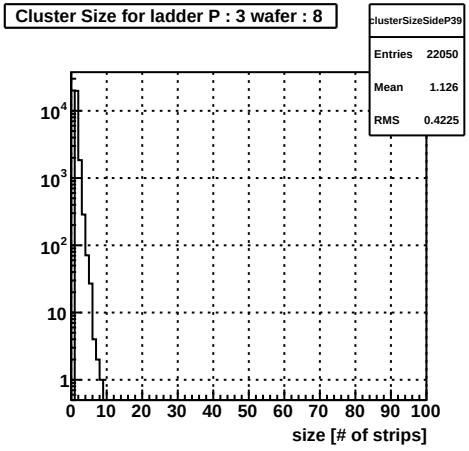

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 10190
Mean 1.169
RMS 0.4515
size [# of strips]

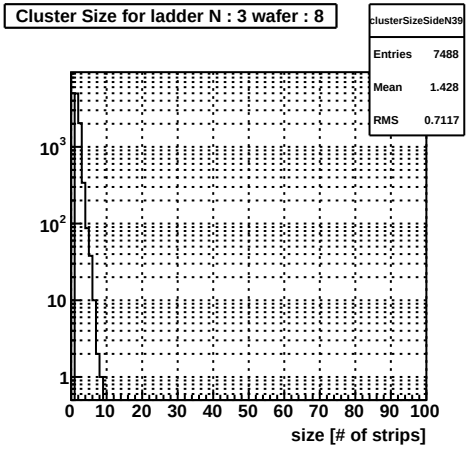

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 10586
Mean 1.406
RMS 0.7404
size [# of strips]

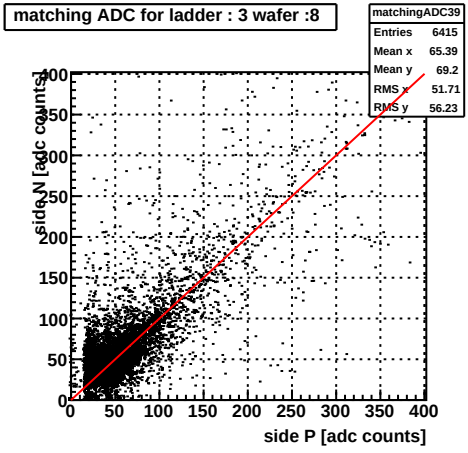

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5563
Mean x 68.98
Mean y 69.14
RMS x 53.81
RMS y 53.46
side N [adc counts]
side P [adc counts]

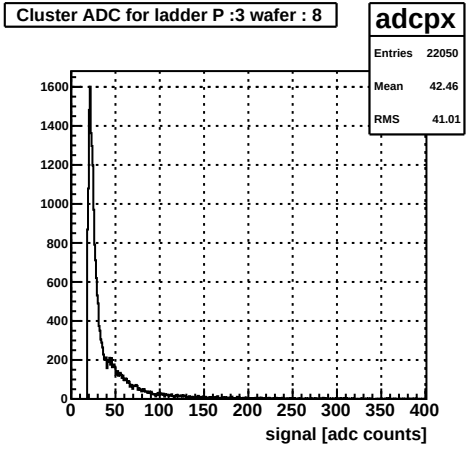

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 10190
Mean 57.02
RMS 51.63
signal [adc counts]

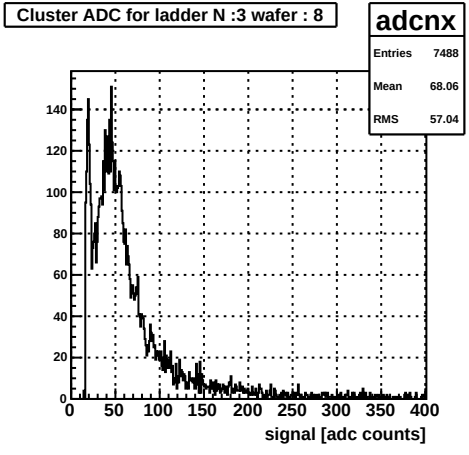

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 10586
Mean 57.46
RMS 50.13
signal [adc counts]

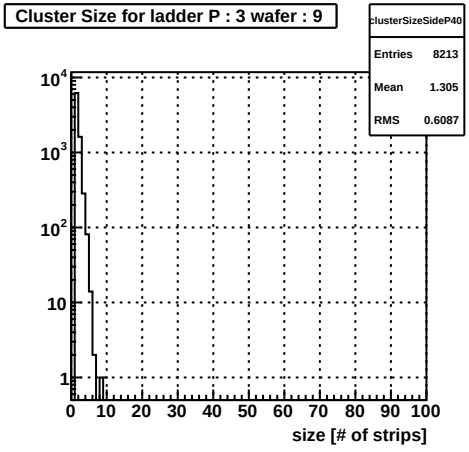

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 22050
Mean 1.126
RMS 0.4225
size [# of strips]

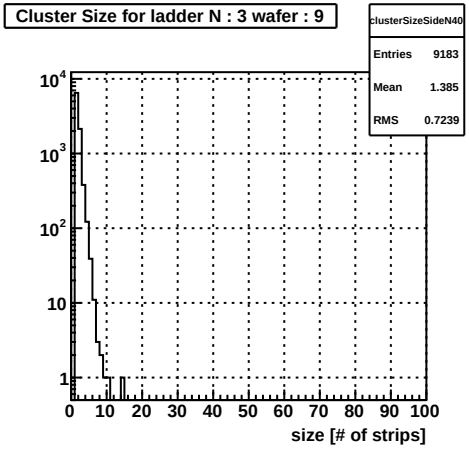

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 7488
Mean 1.428
RMS 0.7117
size [# of strips]

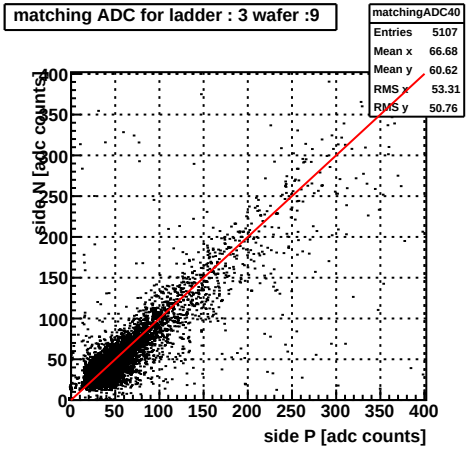

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 6415
Mean x 65.39
Mean y 69.2
RMS x 51.71
RMS y 56.23
side N [adc counts]
side P [adc counts]

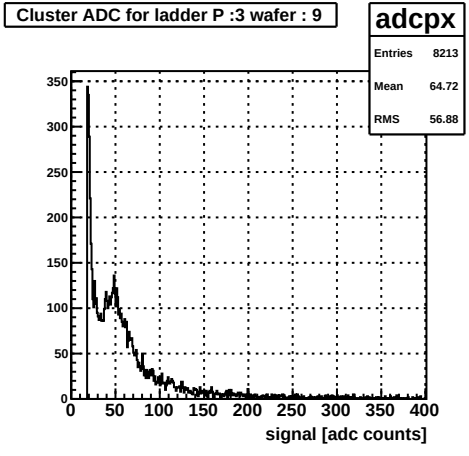

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 22050
Mean 42.46
RMS 41.01
signal [adc counts]

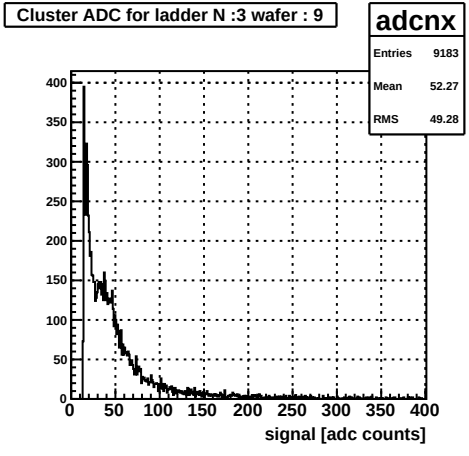

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 7488
Mean 68.06
RMS 57.04
signal [adc counts]

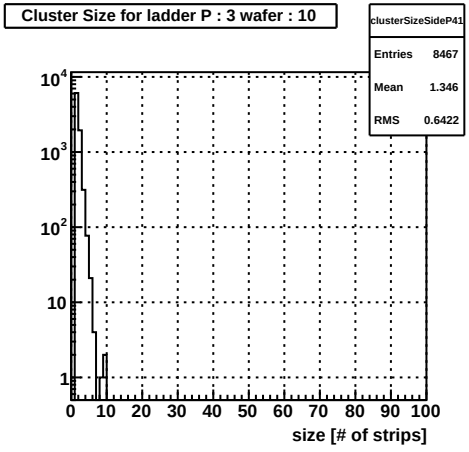

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8213
Mean 1.305
RMS 0.6087
size [# of strips]

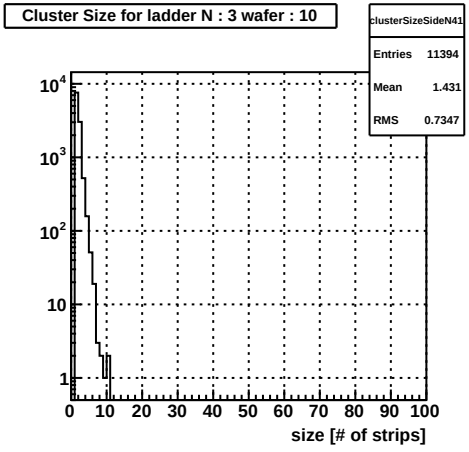

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9183
Mean 1.385
RMS 0.7239
size [# of strips]

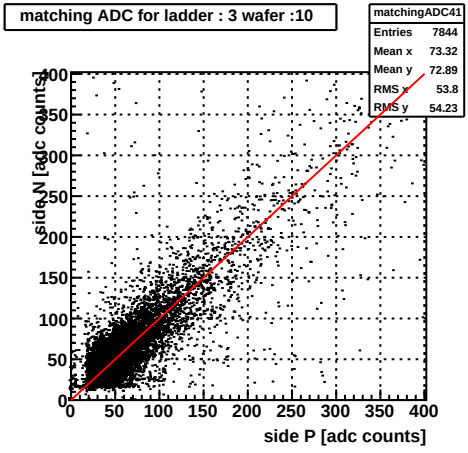

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 5107
Mean x 66.68
Mean y 60.62
RMS x 53.31
RMS y 50.76
side N [adc counts]
side P [adc counts]

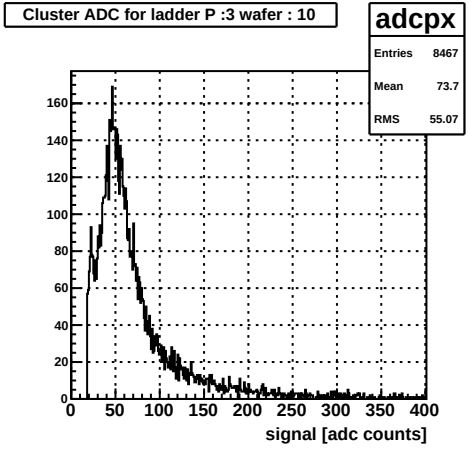

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8213
Mean 64.72
RMS 56.88
signal [adc counts]

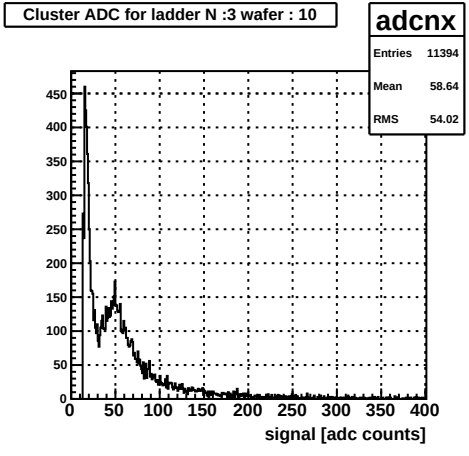

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9183
Mean 52.27
RMS 49.28
signal [adc counts]

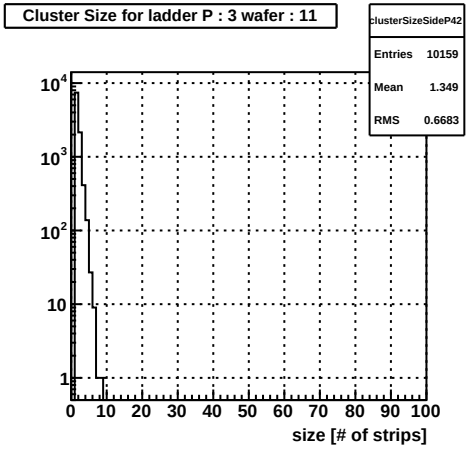

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 8467
Mean 1.346
RMS 0.6422
size [# of strips]

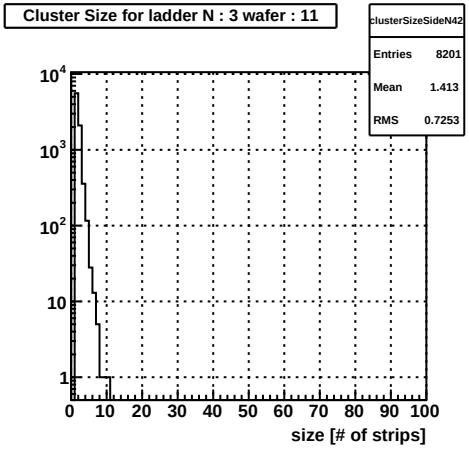

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 11394
Mean 1.431
RMS 0.7347
size [# of strips]

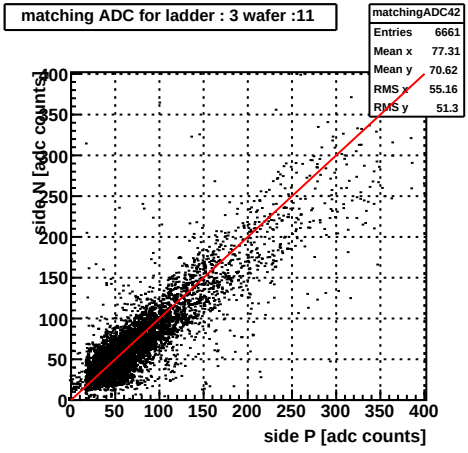

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 7844
Mean x 73.32
Mean y 72.89
RMS x 53.8
RMS y 54.23
side N [adc counts]
side P [adc counts]

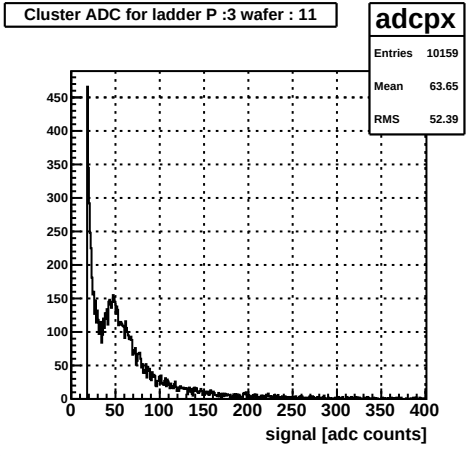

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 8467
Mean 73.7
RMS 55.07
signal [adc counts]

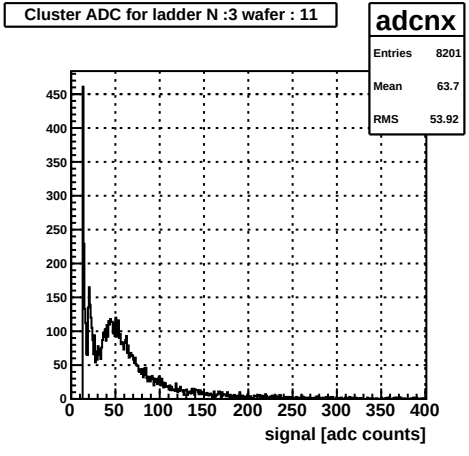

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 11394
Mean 58.64
RMS 54.02
signal [adc counts]

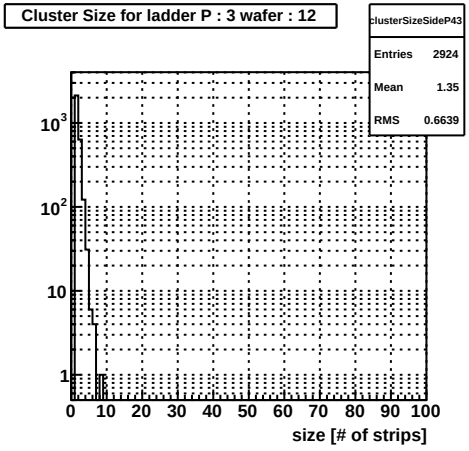

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 10159
Mean 1.349
RMS 0.6683
size [# of strips]

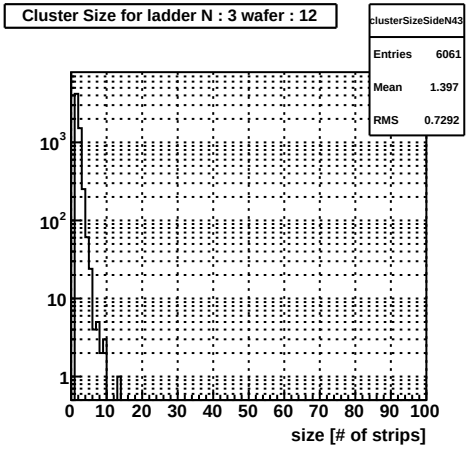

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 8201
Mean 1.413
RMS 0.7253
size [# of strips]

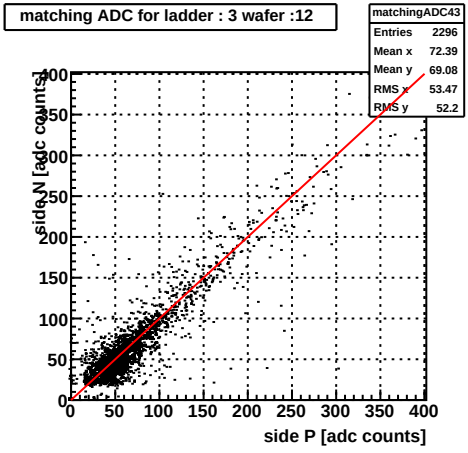

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 6661
Mean x 77.31
Mean y 70.62
RMS x 55.16
RMS y 51.3
side N [adc counts]
side P [adc counts]

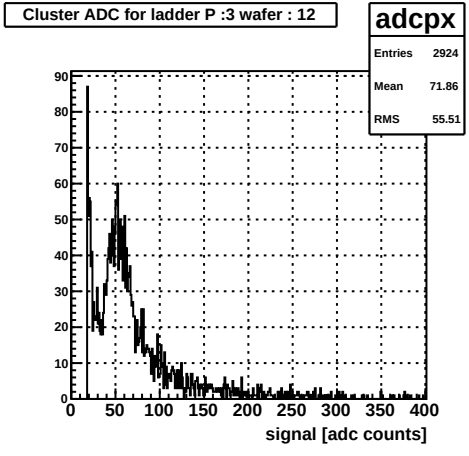

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 10159
Mean 63.65
RMS 52.39
signal [adc counts]

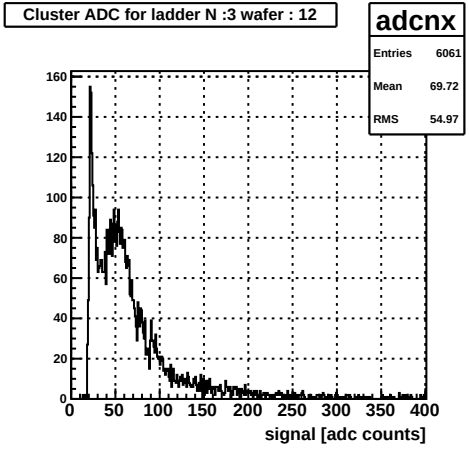

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 8201
Mean 63.7
RMS 53.92
signal [adc counts]

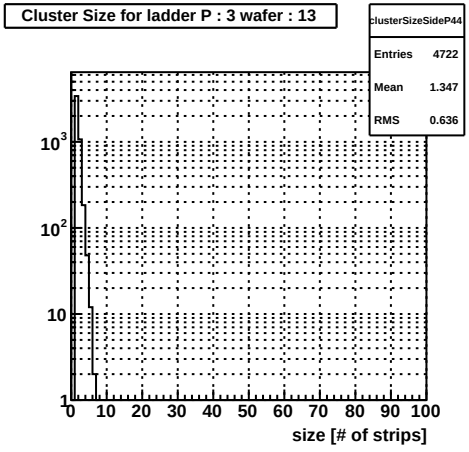

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 2924
Mean 1.35
RMS 0.6639
size [# of strips]

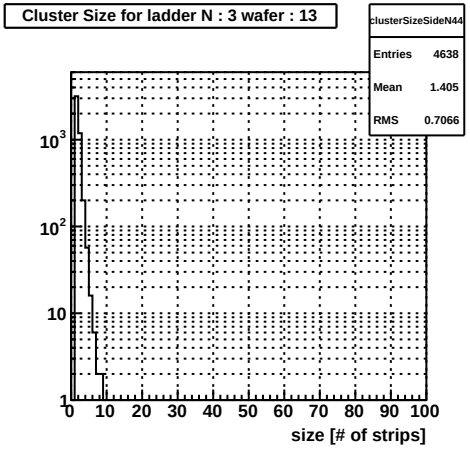

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 6061
Mean 1.397
RMS 0.7292
size [# of strips]

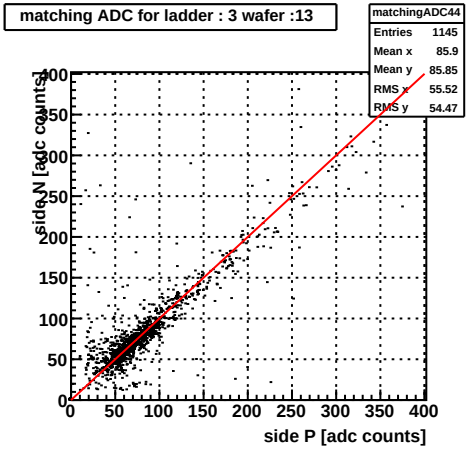

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 2296
Mean x 72.39
Mean y 69.08
RMS x 53.47
RMS y 52.2
side N [adc counts]
side P [adc counts]

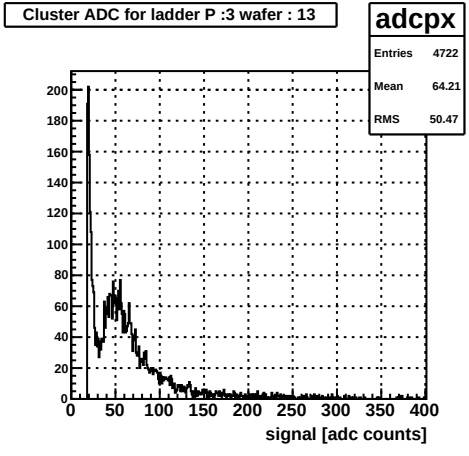

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 2924
Mean 71.86
RMS 55.51
signal [adc counts]

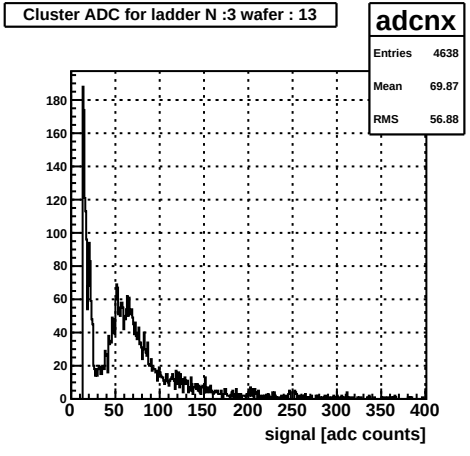

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 6061
Mean 69.72
RMS 54.97
signal [adc counts]

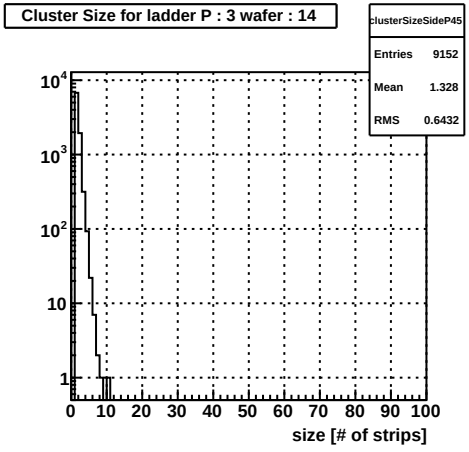

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 4722
Mean 1.347
RMS 0.636
size [# of strips]

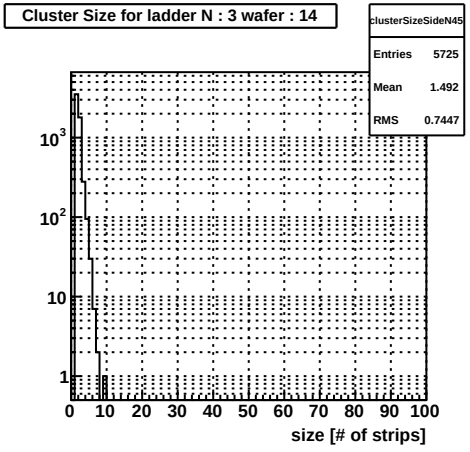

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 4638
Mean 1.405
RMS 0.7066
size [# of strips]

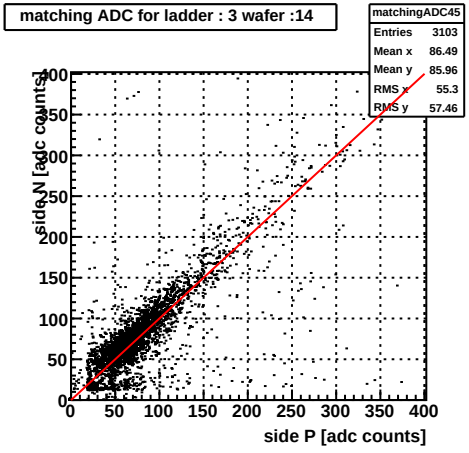

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1145
Mean x 85.9
Mean y 85.85
RMS x 55.52
RMS y 54.47
side N [adc counts]
side P [adc counts]

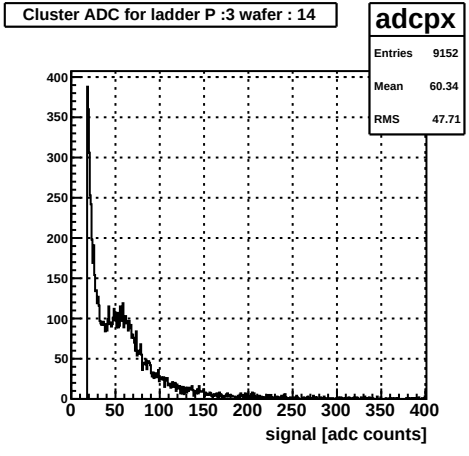

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 4722
Mean 64.21
RMS 50.47
signal [adc counts]

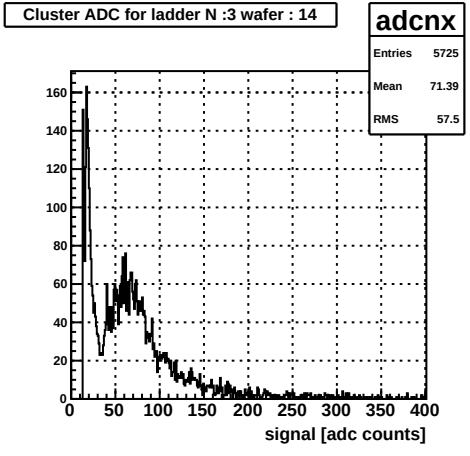

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 4638
Mean 69.87
RMS 56.88
signal [adc counts]

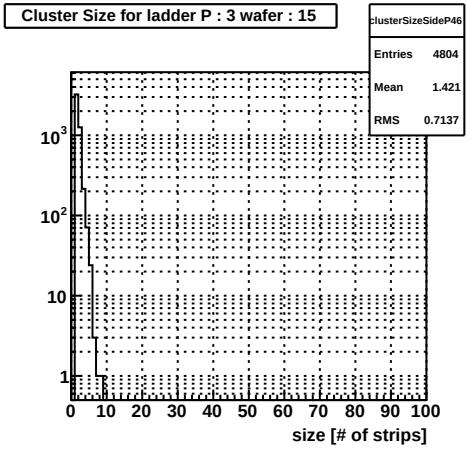

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 9152
Mean 1.328
RMS 0.6432
size [# of strips]

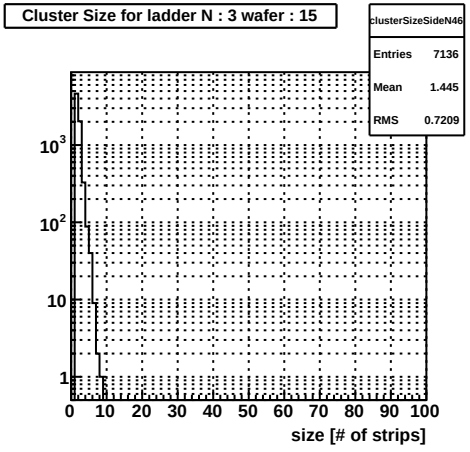

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 5725
Mean 1.492
RMS 0.7447
size [# of strips]

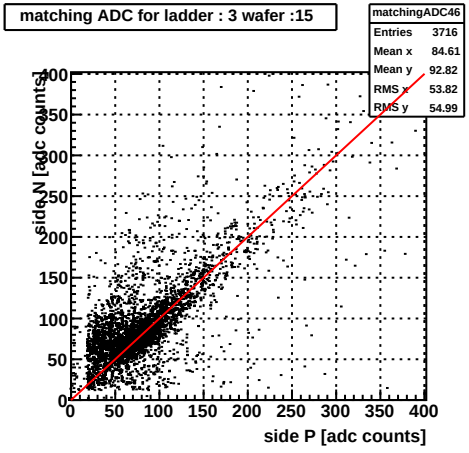

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 3103
Mean x 86.49
Mean y 85.96
RMS x 55.3
RMS y 57.46
side N [adc counts]
side P [adc counts]

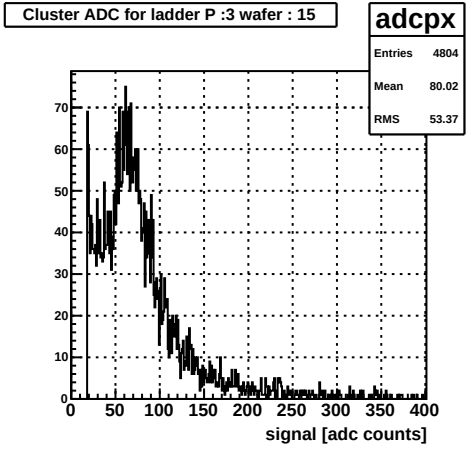

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 9152
Mean 60.34
RMS 47.71
signal [adc counts]

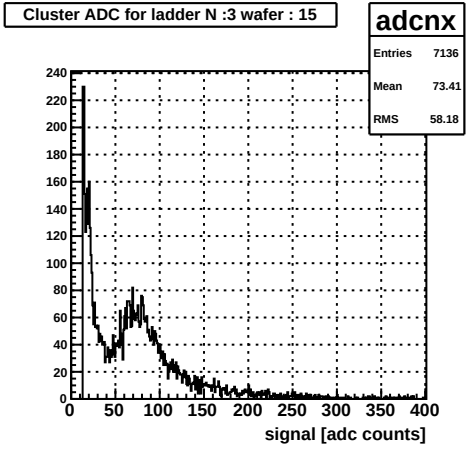

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 5725
Mean 71.39
RMS 57.5
signal [adc counts]

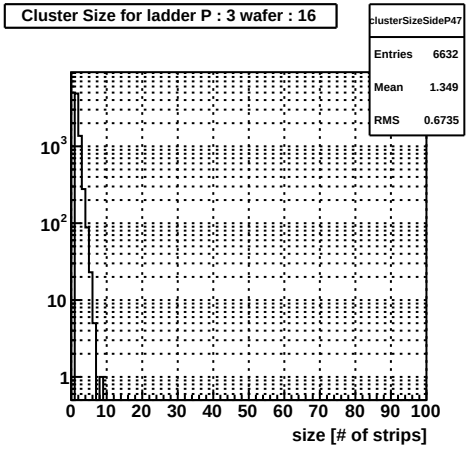

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 4804
Mean 1.421
RMS 0.7137
size [# of strips]

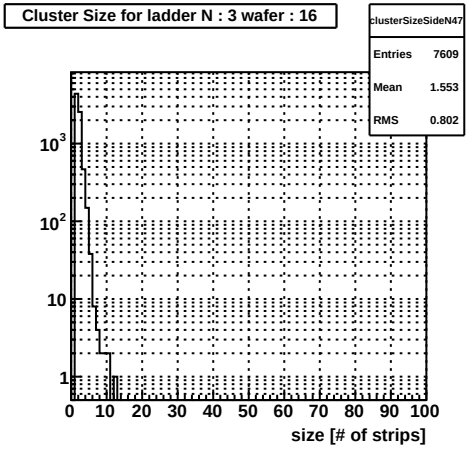

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 7136
Mean 1.445
RMS 0.7209
size [# of strips]

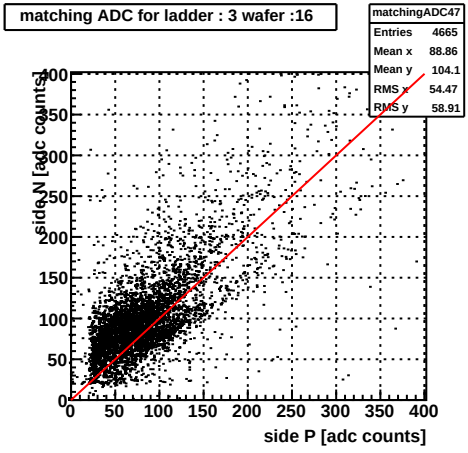

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 3716
Mean x 84.61
Mean y 92.82
RMS x 53.82
RMS y 54.99
side N [adc counts]
side P [adc counts]

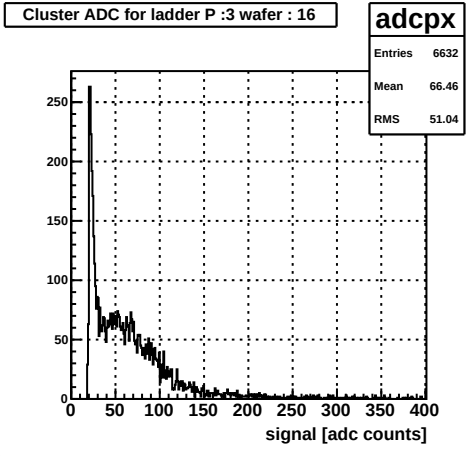

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 4804
Mean 80.02
RMS 53.37
signal [adc counts]

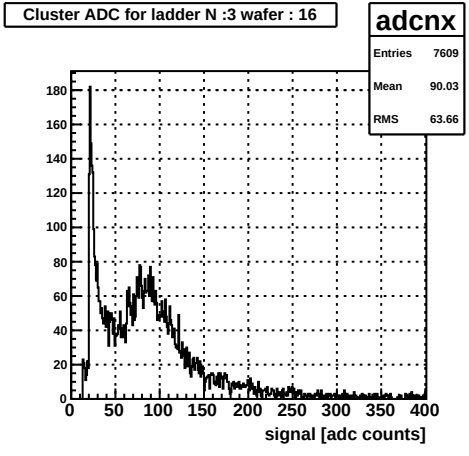

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 7136
Mean 73.41
RMS 58.18
signal [adc counts]

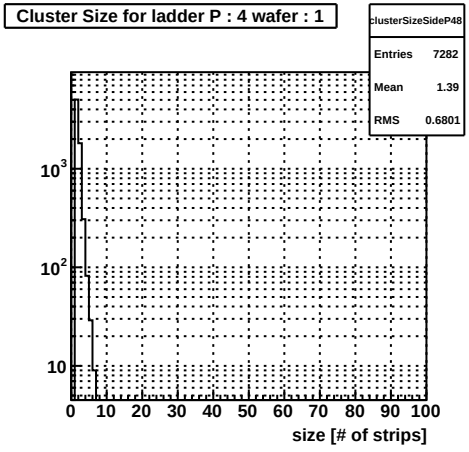

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 6632
Mean 1.349
RMS 0.6735
size [# of strips]

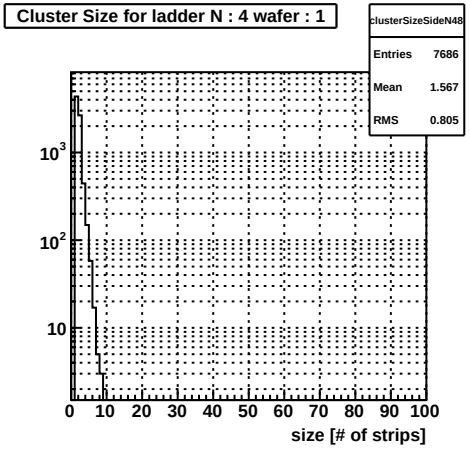

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 7609
Mean 1.553
RMS 0.802
size [# of strips]

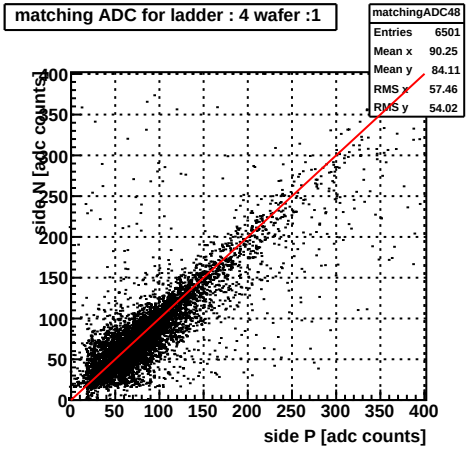

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 4665
Mean x 88.86
Mean y 104.1
RMS x 54.47
RMS y 58.91
side N [adc counts]
side P [adc counts]

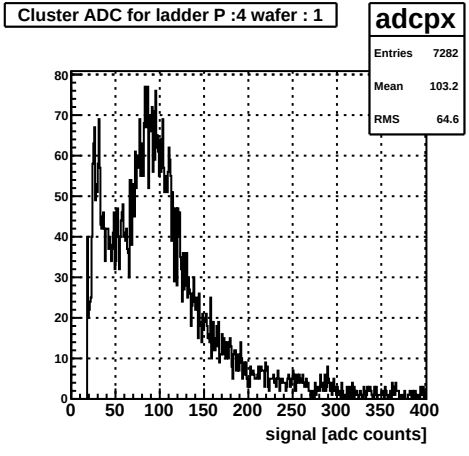

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 6632
Mean 66.46
RMS 51.04
signal [adc counts]

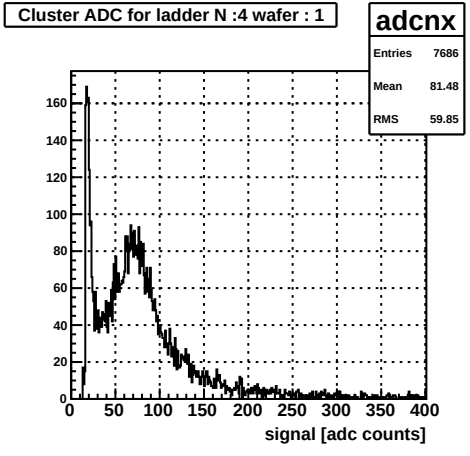

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 7609
Mean 90.03
RMS 63.66
signal [adc counts]

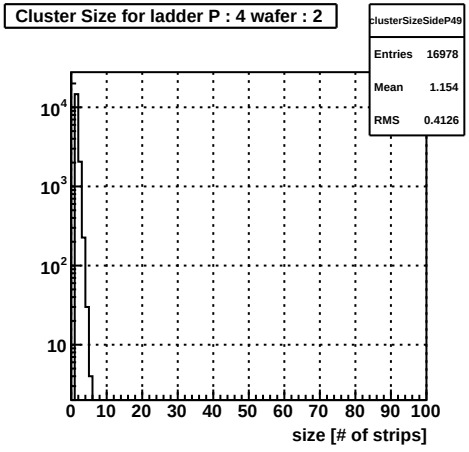

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 7282
Mean 1.39
RMS 0.6801
size [# of strips]

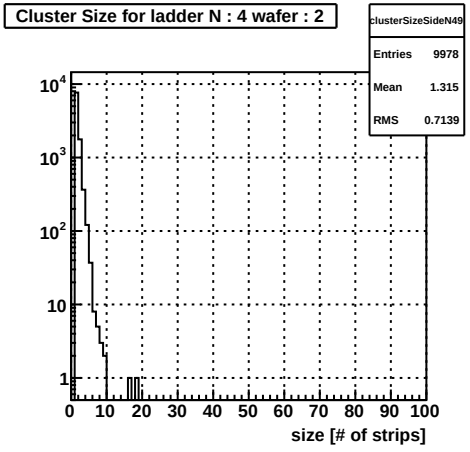

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 7686
Mean 1.567
RMS 0.805
size [# of strips]

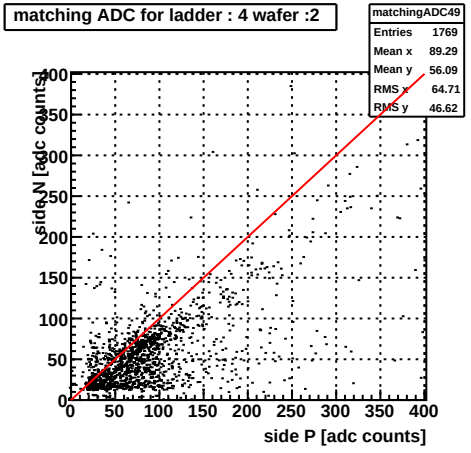

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 6501
Mean x 90.25
Mean y 84.11
RMS x 57.46
RMS y 54.02
side N [adc counts]
side P [adc counts]

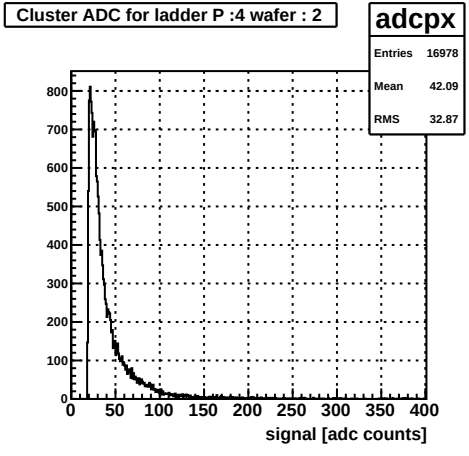

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 7282
Mean 103.2
RMS 64.6
signal [adc counts]

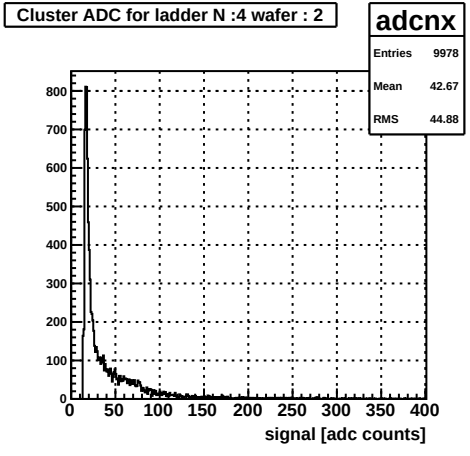

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 7686
Mean 81.48
RMS 59.85
signal [adc counts]

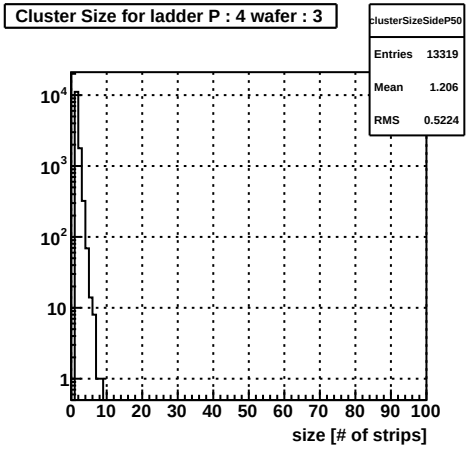

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 16978
Mean 1.154
RMS 0.4126
size [# of strips]

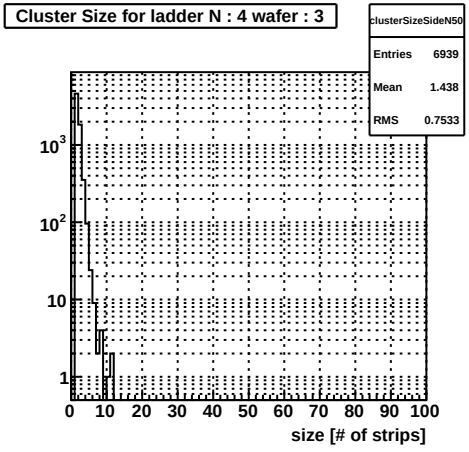

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 9978
Mean 1.315
RMS 0.7139
size [# of strips]

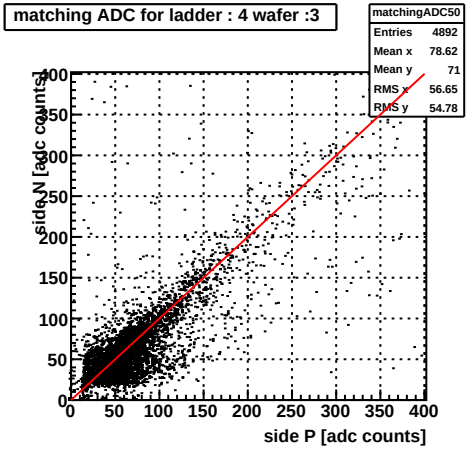

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1769
Mean x 89.29
Mean y 56.09
RMS x 64.71
RMS y 46.62
side N [adc counts]
side P [adc counts]

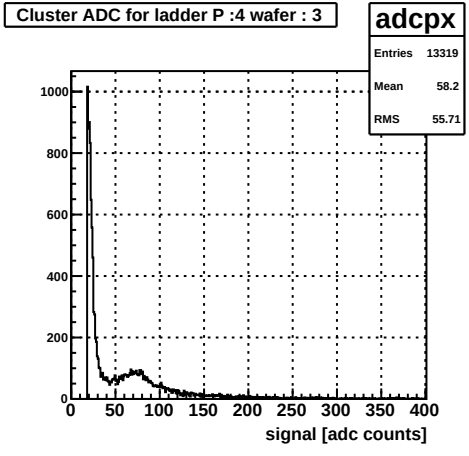

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 16978
Mean 42.09
RMS 32.87
signal [adc counts]

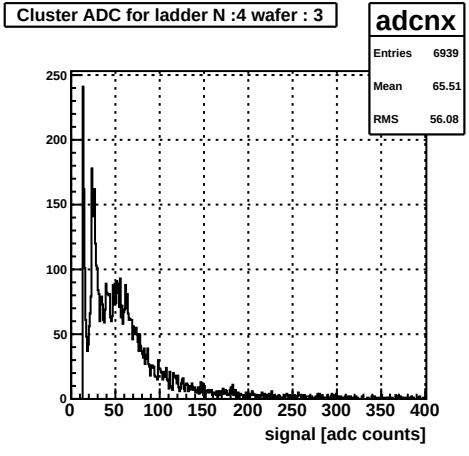

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 9978
Mean 42.67
RMS 44.88
signal [adc counts]

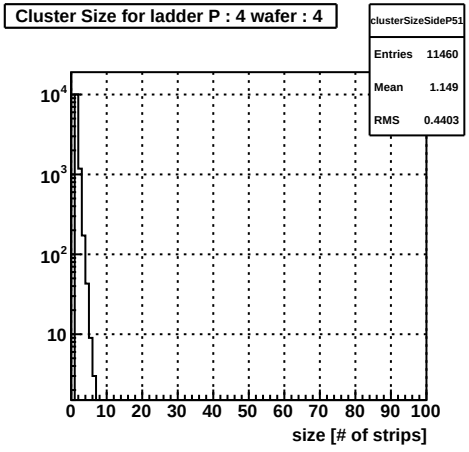

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13319
Mean 1.206
RMS 0.5224
size [# of strips]

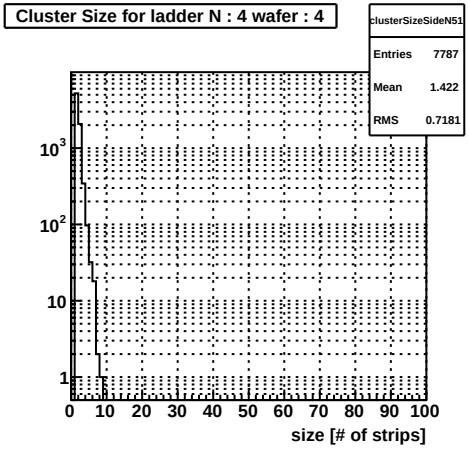

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 6939
Mean 1.438
RMS 0.7533
size [# of strips]

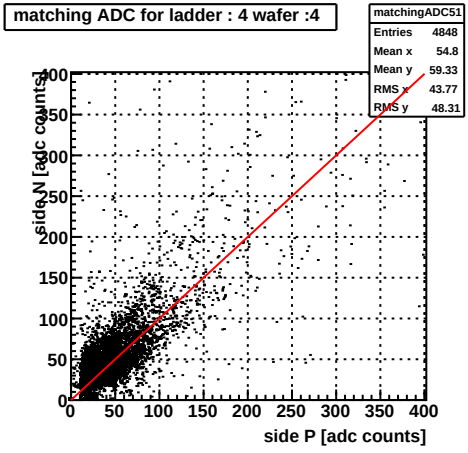

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 4892
Mean x 78.62
Mean y 71
RMS x 56.65
RMS y 54.78
side N [adc counts]
side P [adc counts]

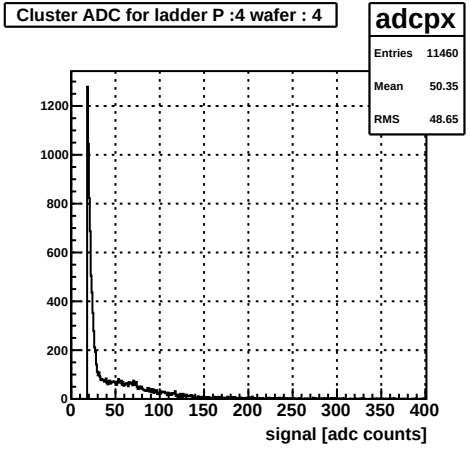

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13319
Mean 58.2
RMS 55.71
signal [adc counts]

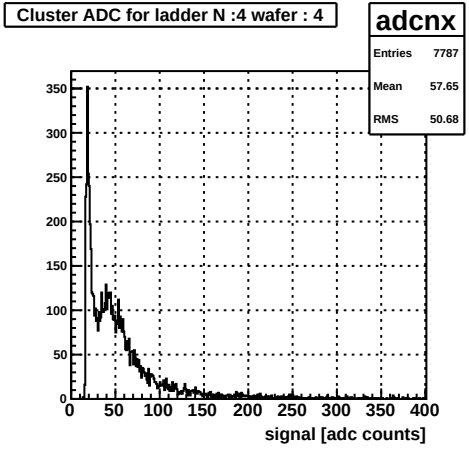

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 6939
Mean 65.51
RMS 56.08
signal [adc counts]

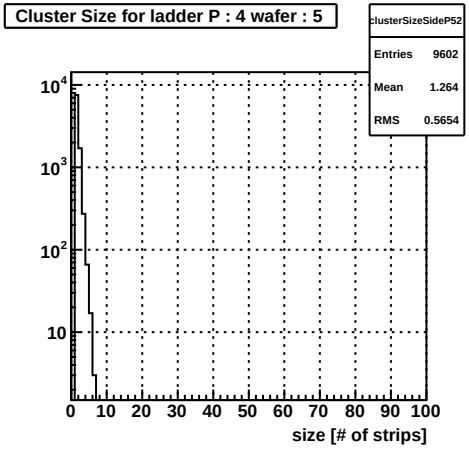

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11460
Mean 1.149
RMS 0.4403
size [# of strips]

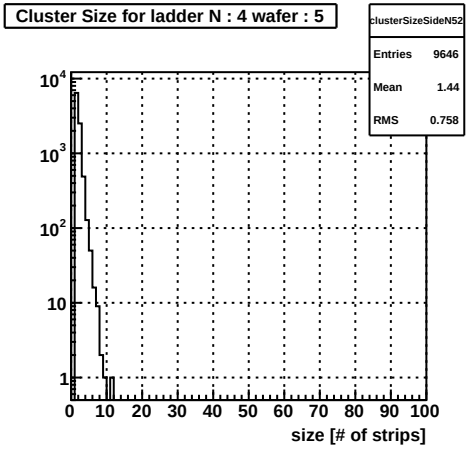

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 7787
Mean 1.422
RMS 0.7181
size [# of strips]

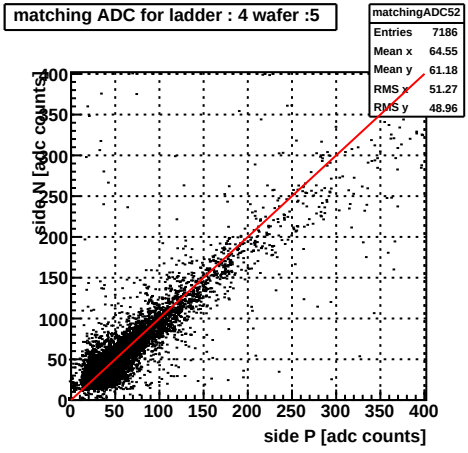

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 4848
Mean x 54.8
Mean y 59.33
RMS x 43.77
RMS y 48.31
side N [adc counts]
side P [adc counts]

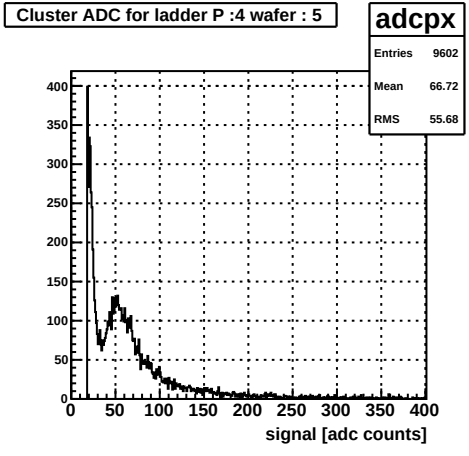

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11460
Mean 50.35
RMS 48.65
signal [adc counts]

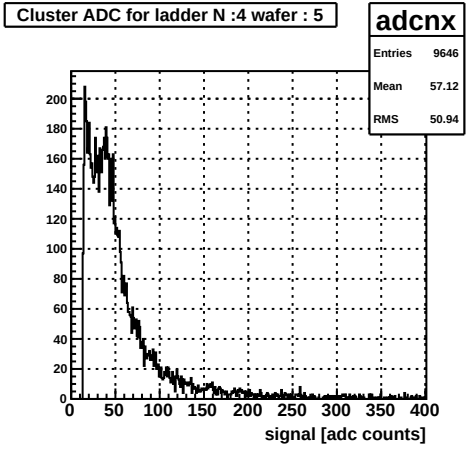

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 7787
Mean 57.65
RMS 50.68
signal [adc counts]

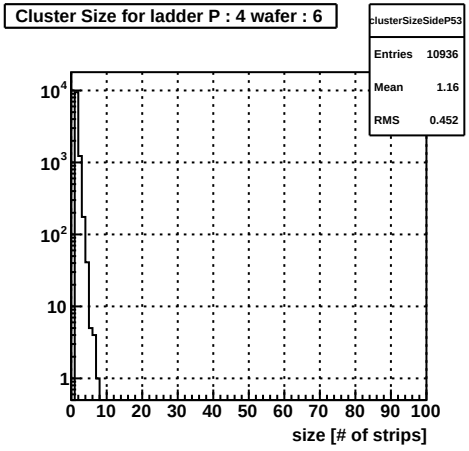

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 9602
Mean 1.264
RMS 0.5654
size [# of strips]

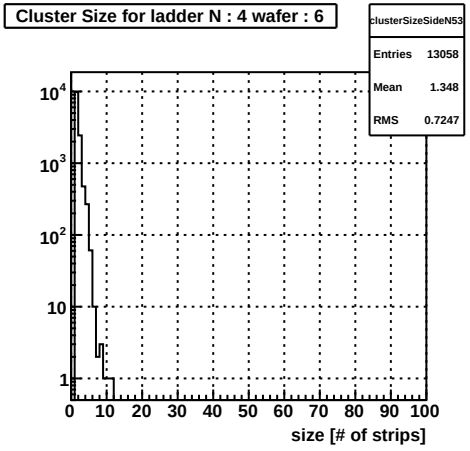

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 9646
Mean 1.44
RMS 0.758
size [# of strips]

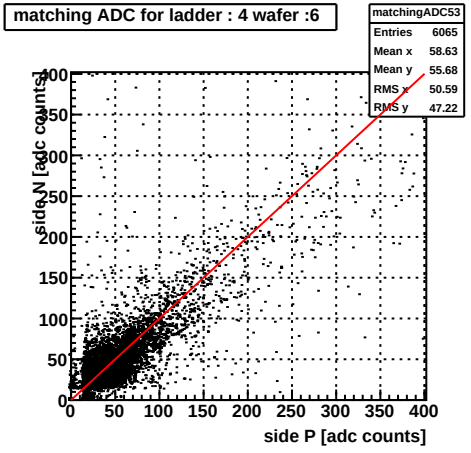

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 7186
Mean x 64.55
Mean y 61.18
RMS x 51.27
RMS y 48.96
side N [adc counts]
side P [adc counts]

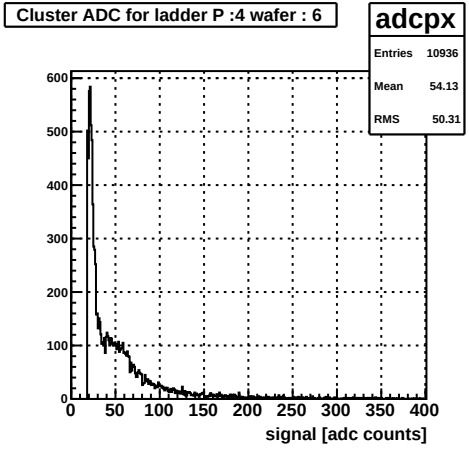

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 9602
Mean 66.72
RMS 55.68
signal [adc counts]

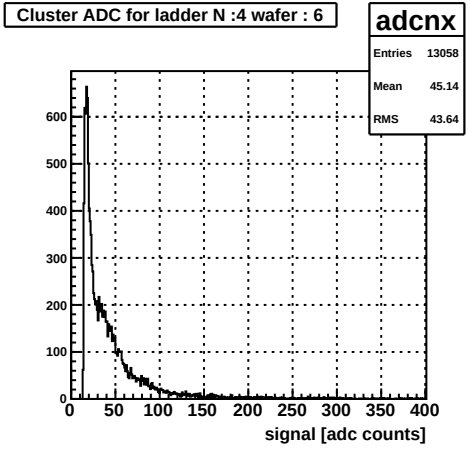

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 9646
Mean 57.12
RMS 50.94
signal [adc counts]

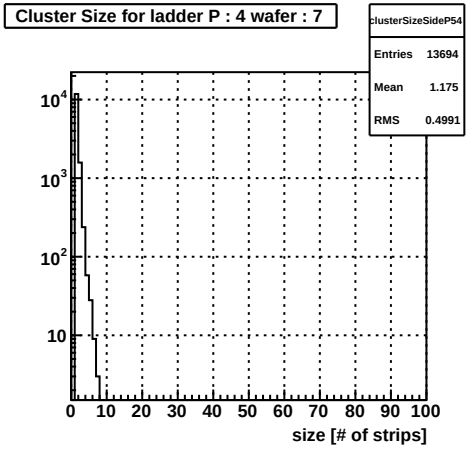

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 10936
Mean 1.16
RMS 0.452
size [# of strips]

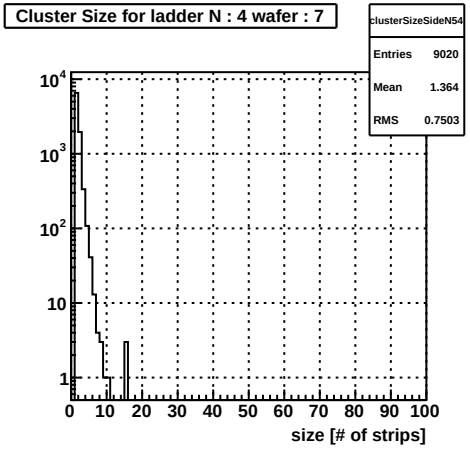

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 13058
Mean 1.348
RMS 0.7247
size [# of strips]

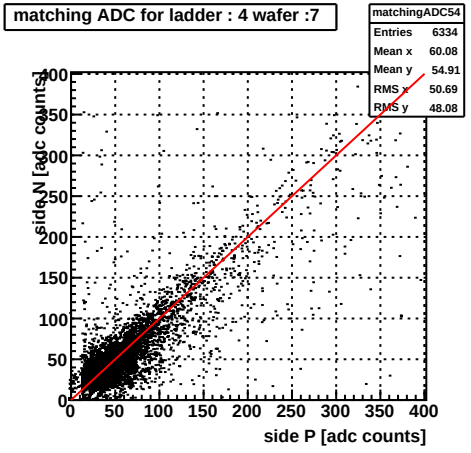

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 6065
Mean x 58.63
Mean y 55.68
RMS x 50.59
RMS y 47.22
side N [adc counts]
side P [adc counts]

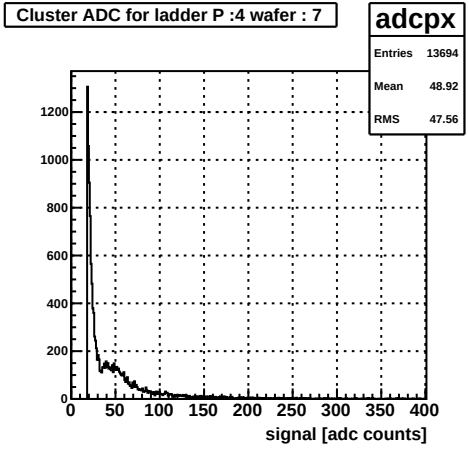

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 10936
Mean 54.13
RMS 50.31
signal [adc counts]

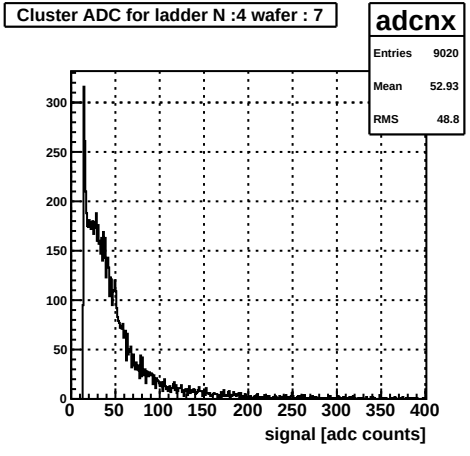

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 13058
Mean 45.14
RMS 43.64
signal [adc counts]

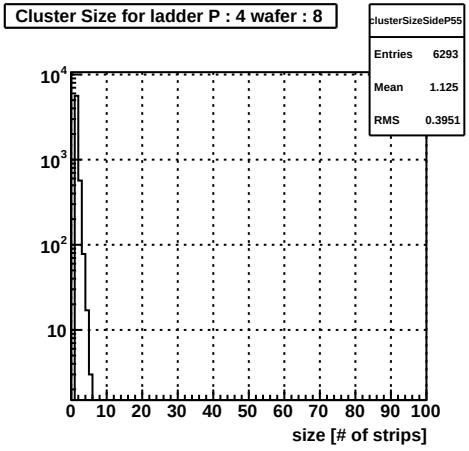

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 13694
Mean 1.175
RMS 0.4991
size [# of strips]

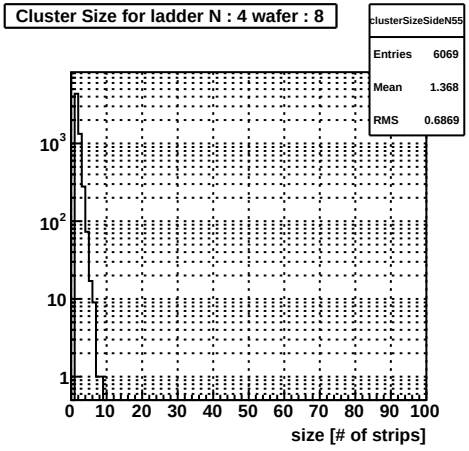

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 9020
Mean 1.364
RMS 0.7503
size [# of strips]

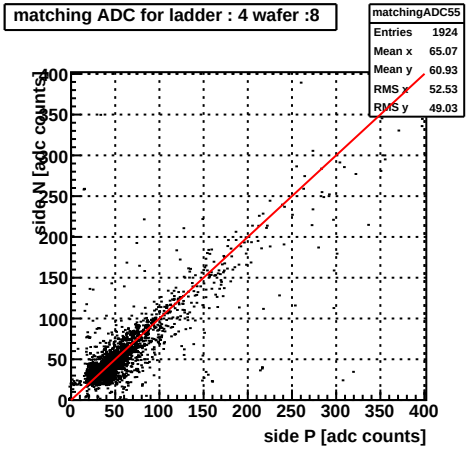

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 6334
Mean x 60.08
Mean y 54.91
RMS x 50.69
RMS y 48.08
side N [adc counts]
side P [adc counts]

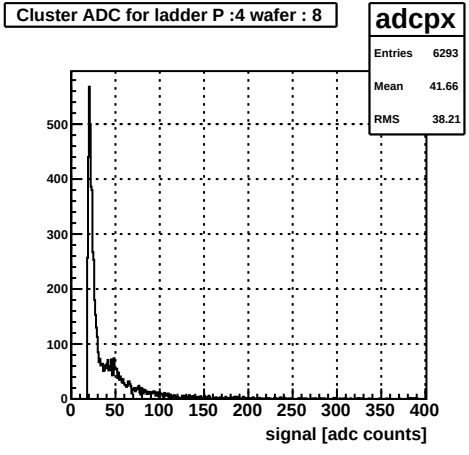

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 13694
Mean 48.92
RMS 47.56
signal [adc counts]

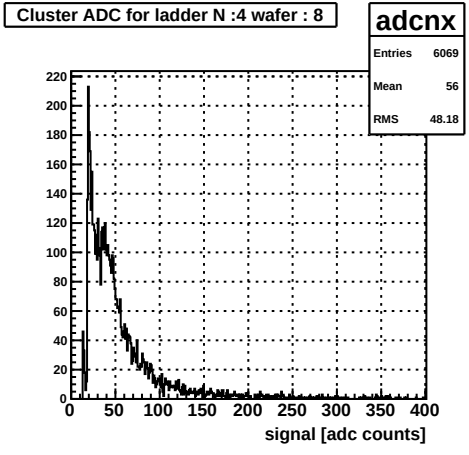

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 9020
Mean 52.93
RMS 48.8
signal [adc counts]

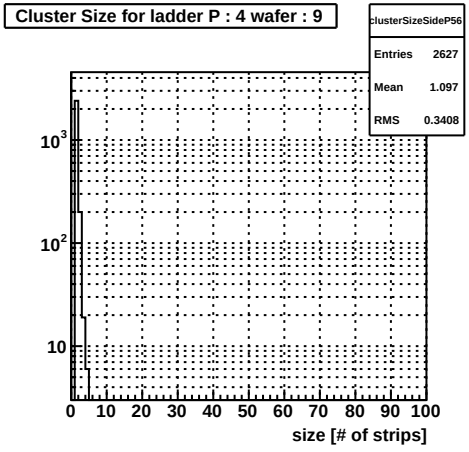

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 6293
Mean 1.125
RMS 0.3951
size [# of strips]

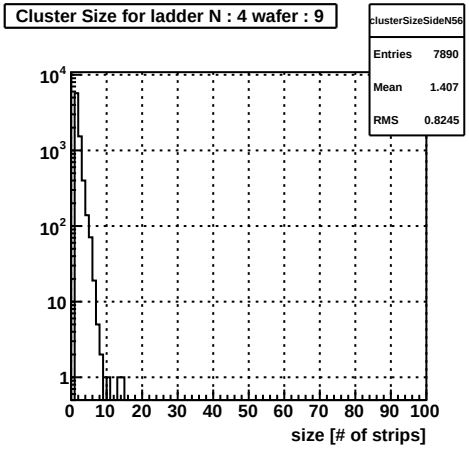

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 6069
Mean 1.368
RMS 0.6869
size [# of strips]

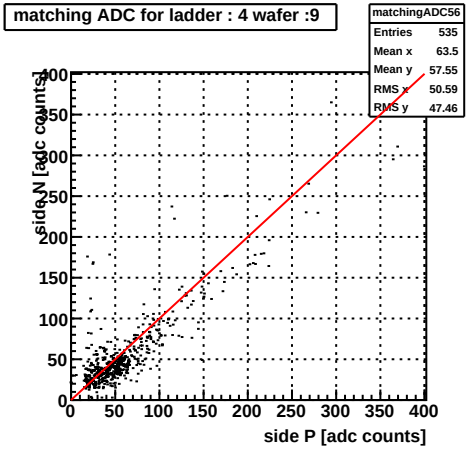

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 1924
Mean x 65.07
Mean y 60.93
RMS x 52.53
RMS y 49.03
side N [adc counts]
side P [adc counts]

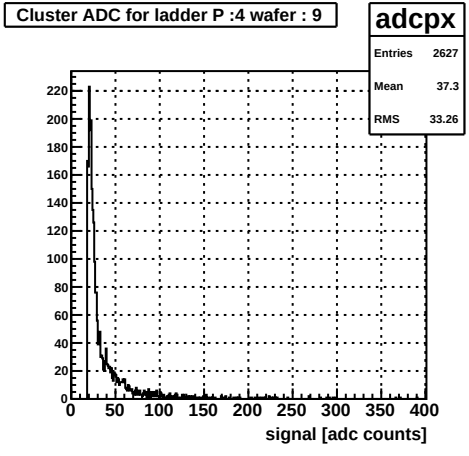

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 6293
Mean 41.66
RMS 38.21
signal [adc counts]

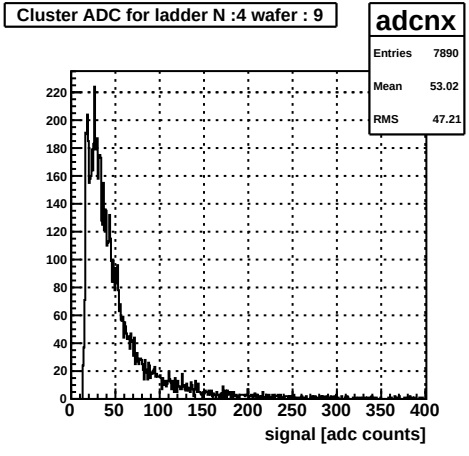

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 6069
Mean 56
RMS 48.18
signal [adc counts]

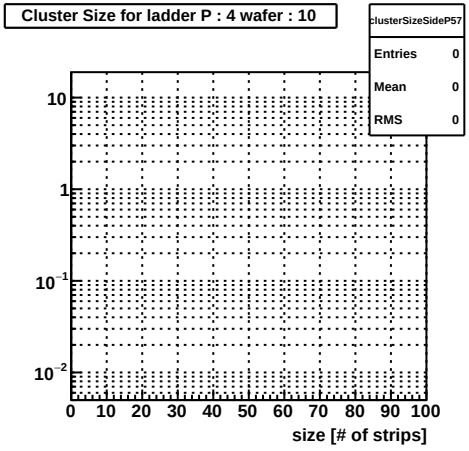

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2627
Mean 1.097
RMS 0.3408
size [# of strips]

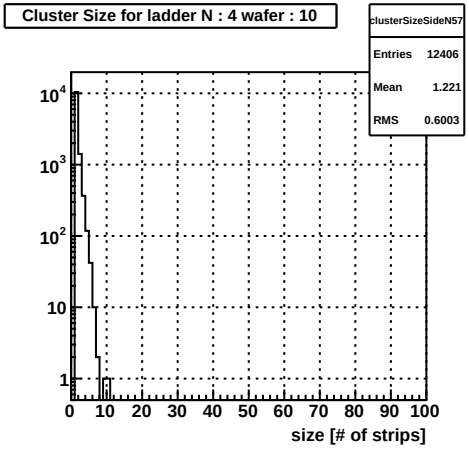

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 7890
Mean 1.407
RMS 0.8245
size [# of strips]

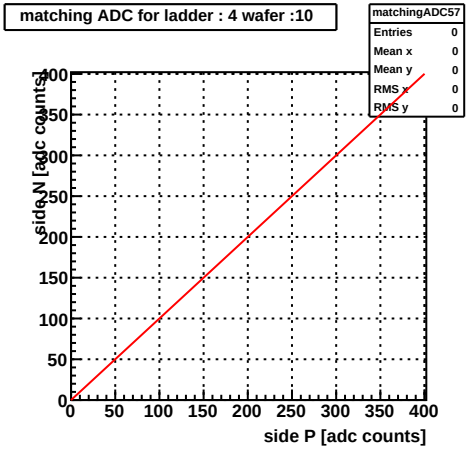

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 535
Mean x 63.5
Mean y 57.55
RMS x 50.59
RMS y 47.46
side N [adc counts]
side P [adc counts]

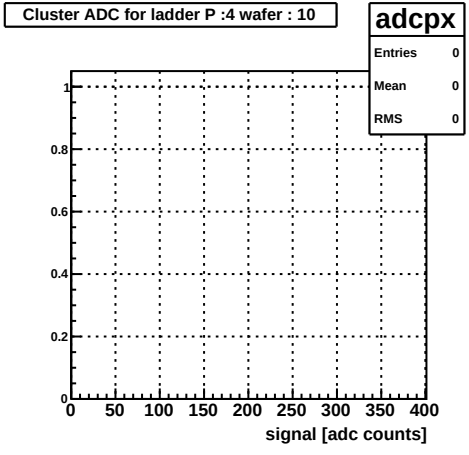

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2627
Mean 37.3
RMS 33.26
signal [adc counts]

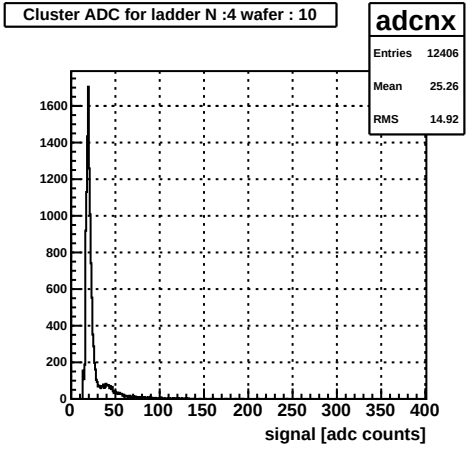

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 7890
Mean 53.02
RMS 47.21
signal [adc counts]

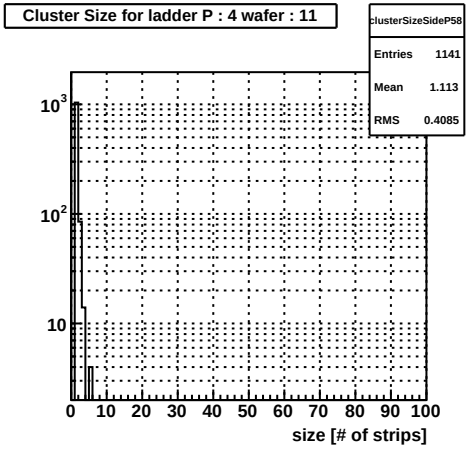

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

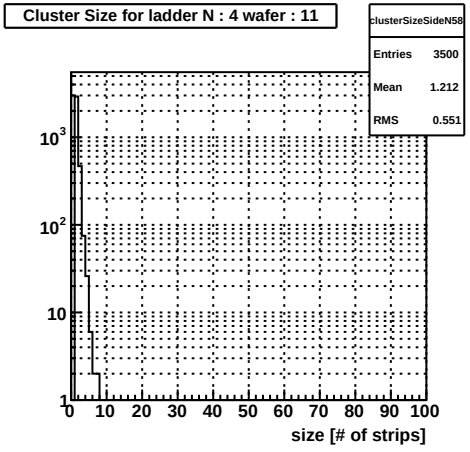

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 12406
Mean 1.221
RMS 0.6003
size [# of strips]

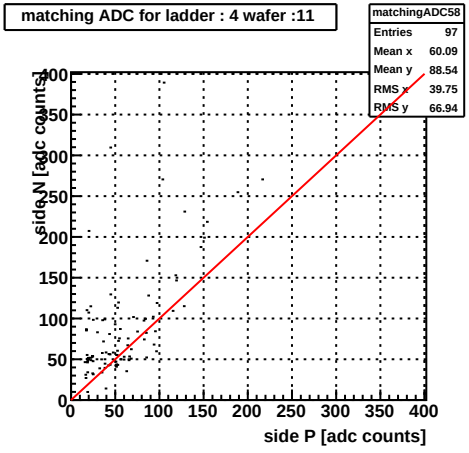

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

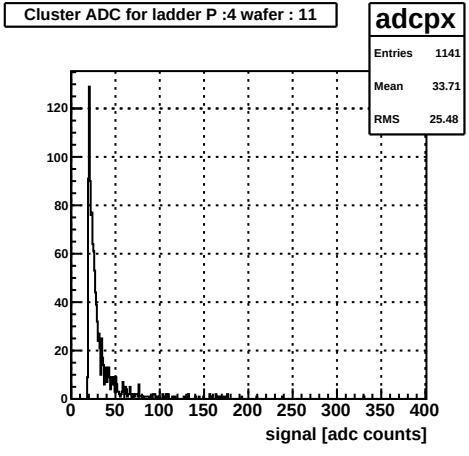

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

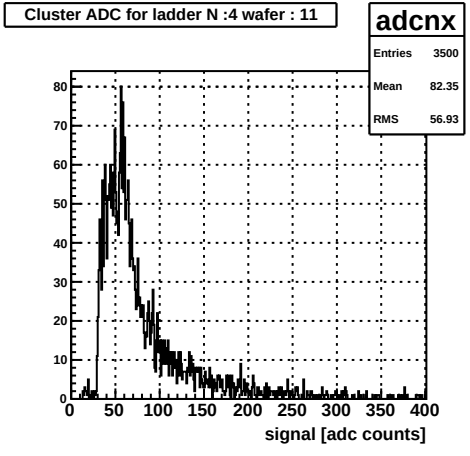

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 12406
Mean 25.26
RMS 14.92
signal [adc counts]

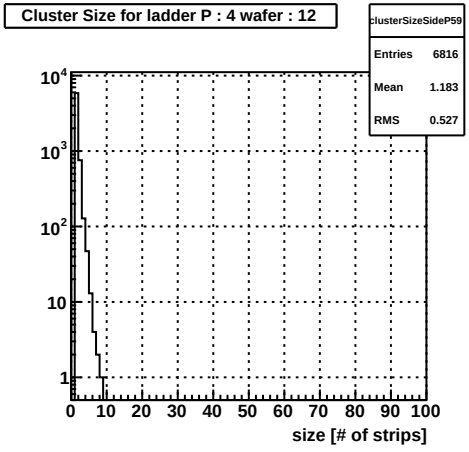

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1141
Mean 1.113
RMS 0.4085
size [# of strips]

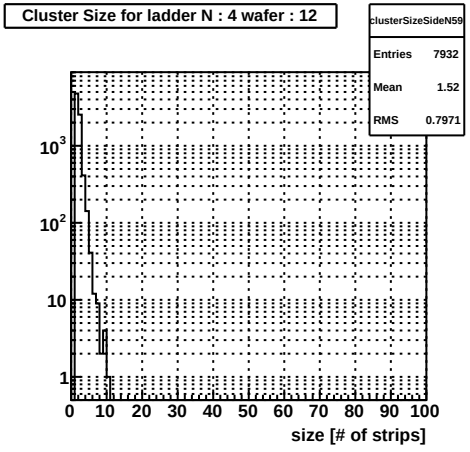

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 3500
Mean 1.212
RMS 0.551
size [# of strips]

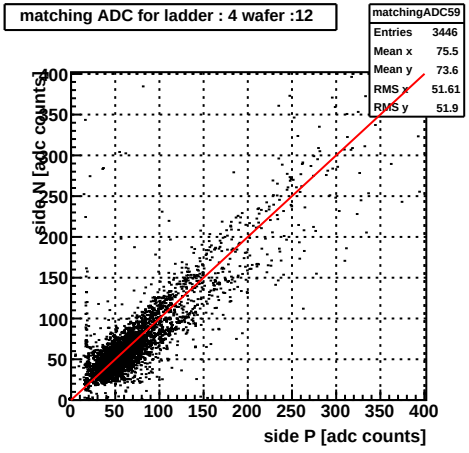

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 97
Mean x 60.09
Mean y 88.54
RMS x 39.75
RMS y 66.94
side N [adc counts]
side P [adc counts]

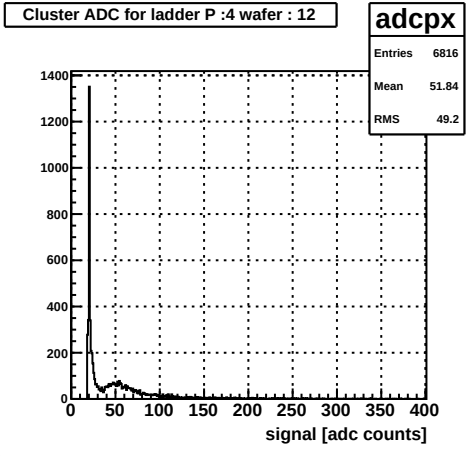

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1141
Mean 33.71
RMS 25.48
signal [adc counts]

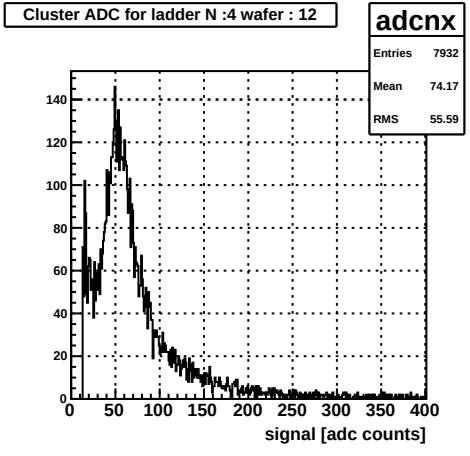

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 3500
Mean 82.35
RMS 56.93
signal [adc counts]

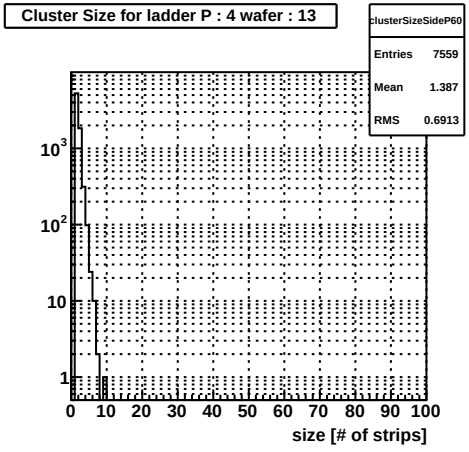

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 6816
Mean 1.183
RMS 0.527
size [# of strips]

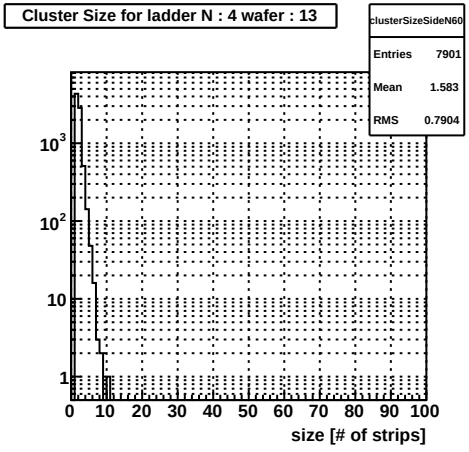

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 7932
Mean 1.52
RMS 0.7971
size [# of strips]

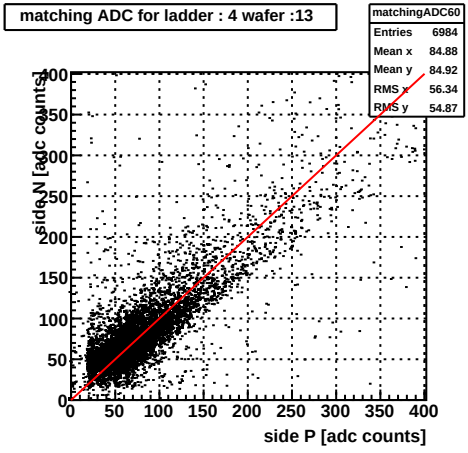

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 3446
Mean x 75.5
Mean y 73.6
RMS x 51.61
RMS y 51.9
side N [adc counts]
side P [adc counts]

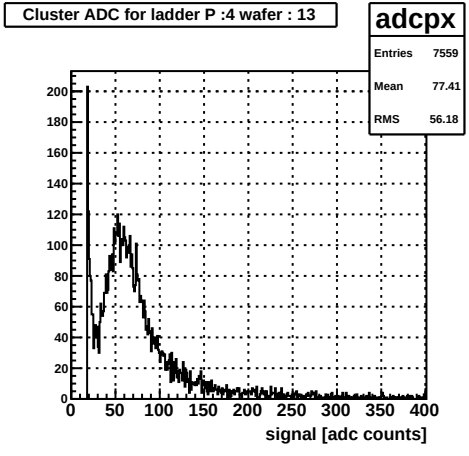

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 6816
Mean 51.84
RMS 49.2
signal [adc counts]

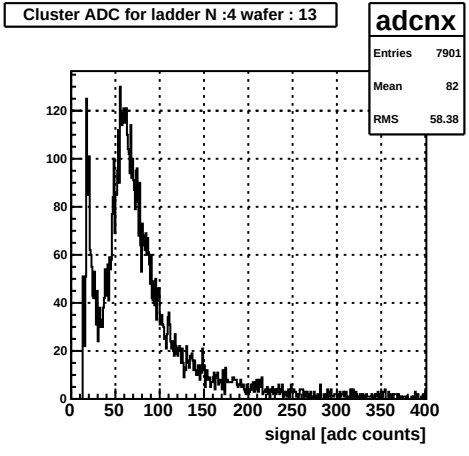

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 7932
Mean 74.17
RMS 55.59
signal [adc counts]

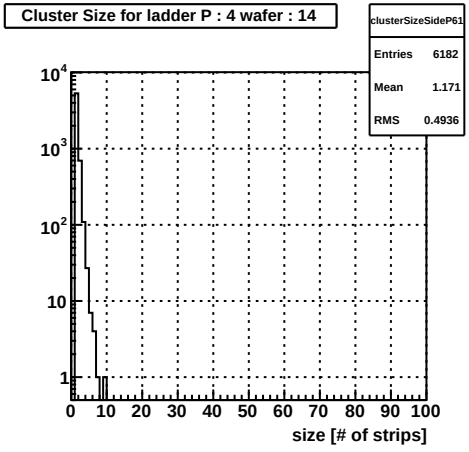

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 7559
Mean 1.387
RMS 0.6913
size [# of strips]

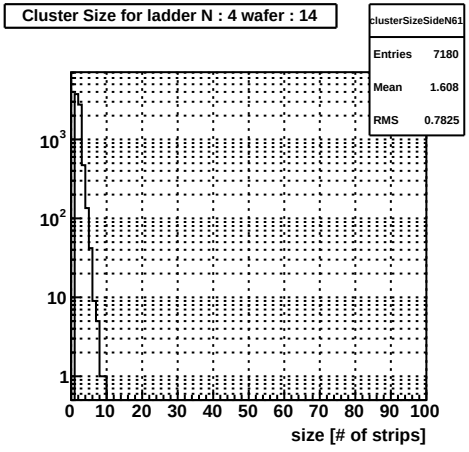

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 7901
Mean 1.583
RMS 0.7904
size [# of strips]

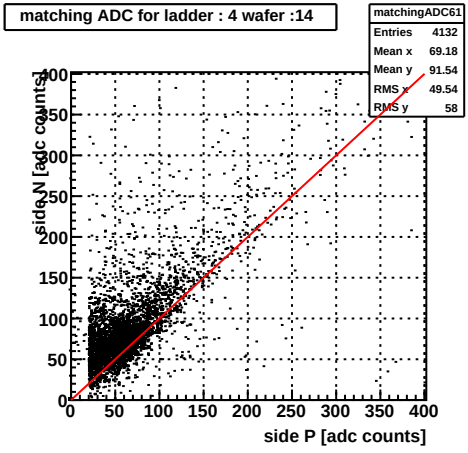

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 6984
Mean x 84.88
Mean y 84.92
RMS x 56.34
RMS y 54.87
side N [adc counts]
side P [adc counts]

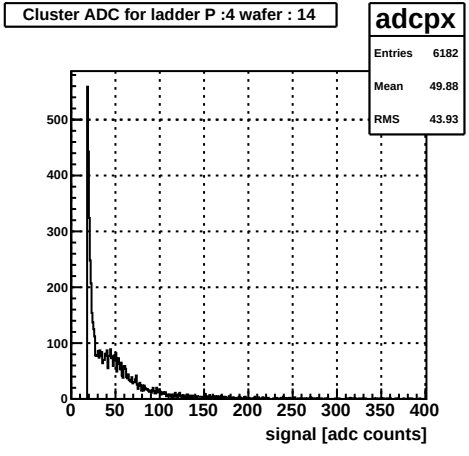

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 7559
Mean 77.41
RMS 56.18
signal [adc counts]

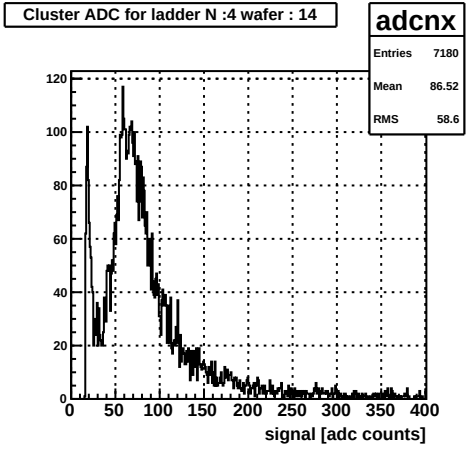

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 7901
Mean 82
RMS 58.38
signal [adc counts]

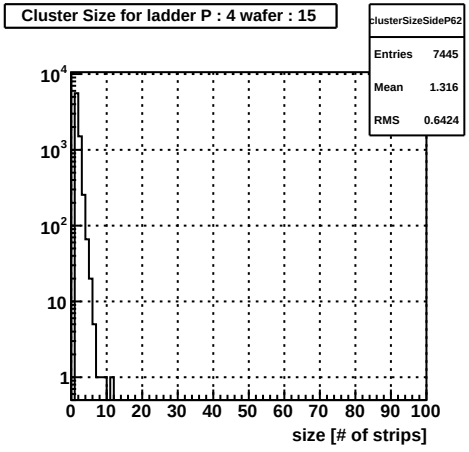

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 6182
Mean 1.171
RMS 0.4936
size [# of strips]

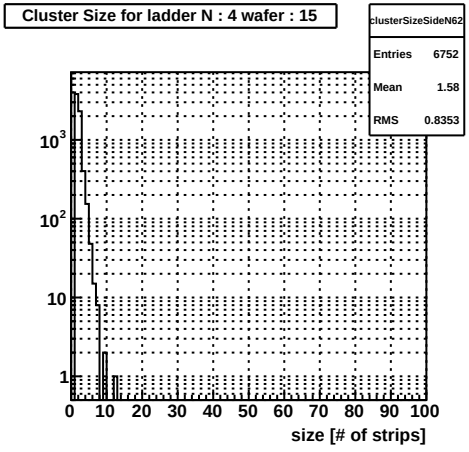

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 7180
Mean 1.608
RMS 0.7825
size [# of strips]

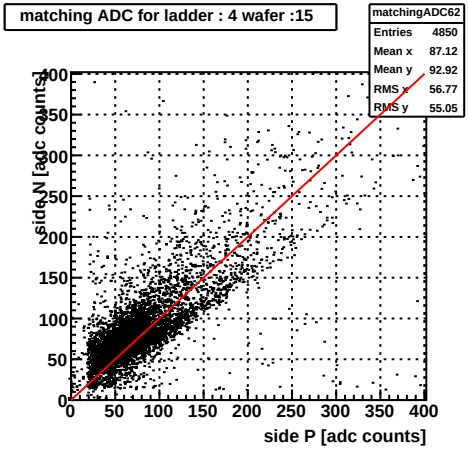

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 4132
Mean x 69.18
Mean y 91.54
RMS x 49.54
RMS y 58
side N [adc counts]
side P [adc counts]

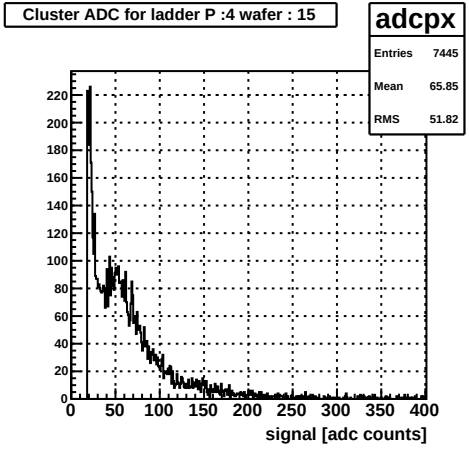

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 6182
Mean 49.88
RMS 43.93
signal [adc counts]

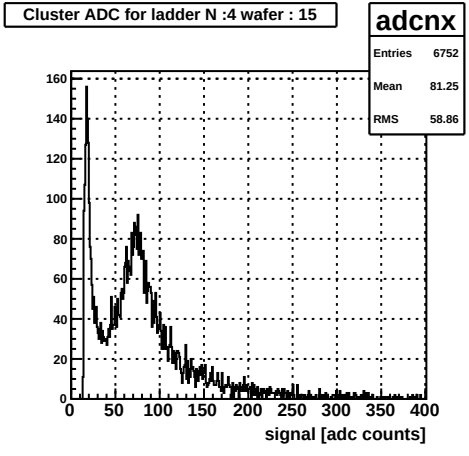

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 7180
Mean 86.52
RMS 58.6
signal [adc counts]

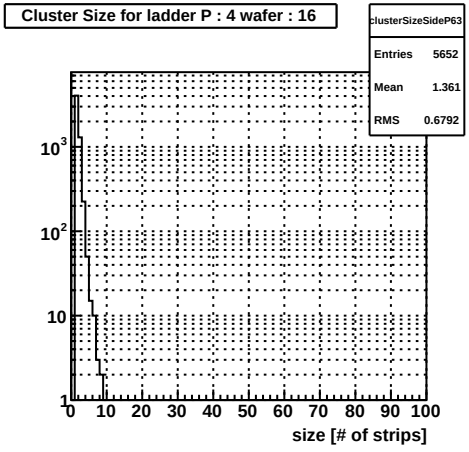

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 7445
Mean 1.316
RMS 0.6424
size [# of strips]

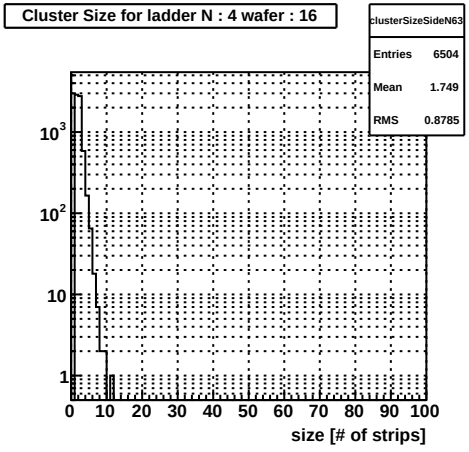

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 6752
Mean 1.58
RMS 0.8353
size [# of strips]

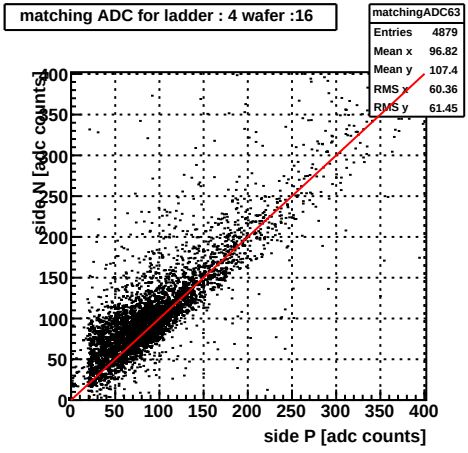

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 4850
Mean x 87.12
Mean y 92.92
RMS x 56.77
RMS y 55.05
side N [adc counts]
side P [adc counts]

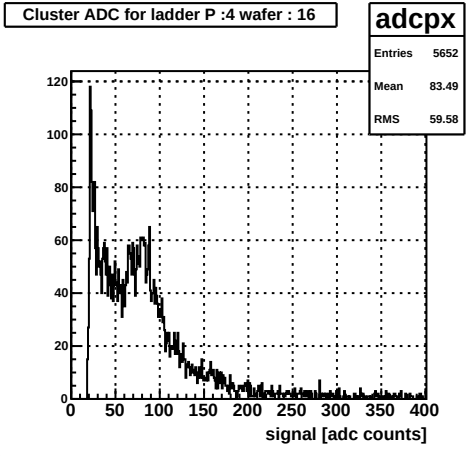

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 7445
Mean 65.85
RMS 51.82
signal [adc counts]

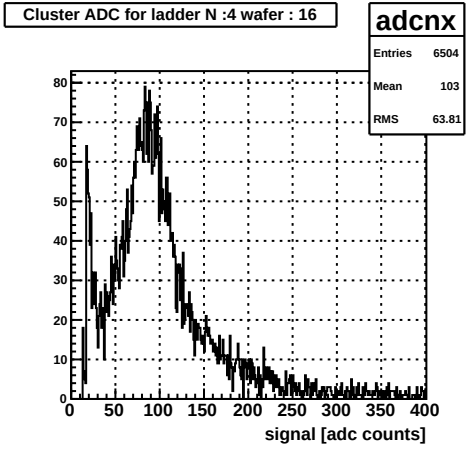

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 6752
Mean 81.25
RMS 58.86
signal [adc counts]

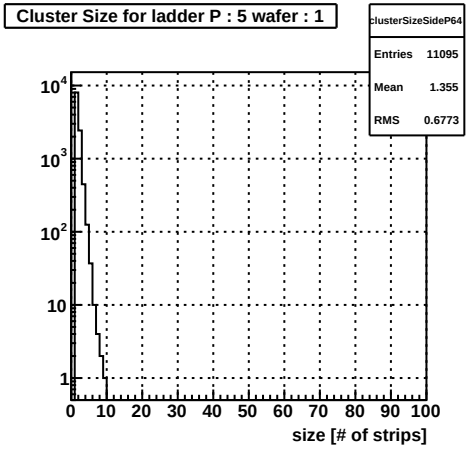

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 5652
Mean 1.361
RMS 0.6792
size [# of strips]

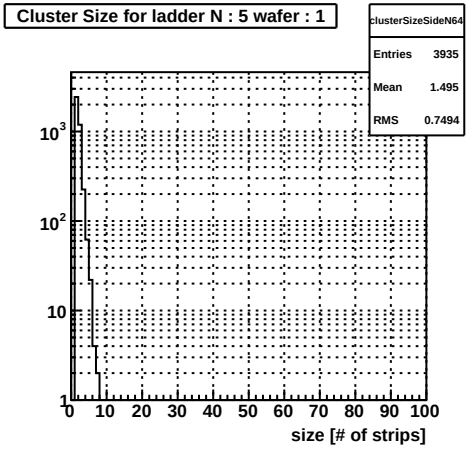

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 6504
Mean 1.749
RMS 0.8785
size [# of strips]

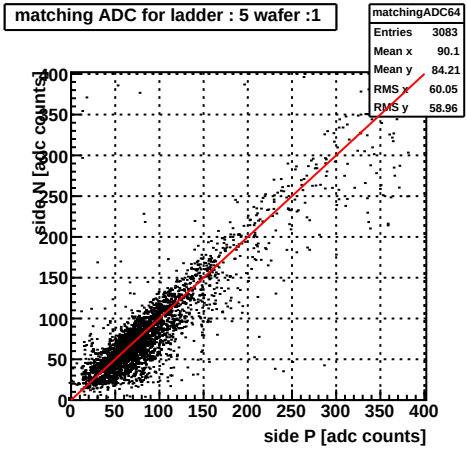

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 4879
Mean x 96.82
Mean y 107.4
RMS x 60.36
RMS y 61.45
side N [adc counts]
side P [adc counts]

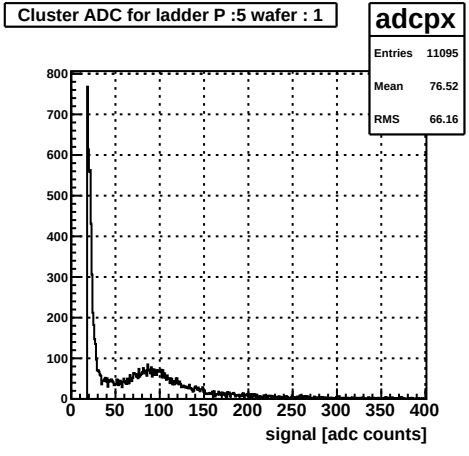

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 5652
Mean 83.49
RMS 59.58
signal [adc counts]

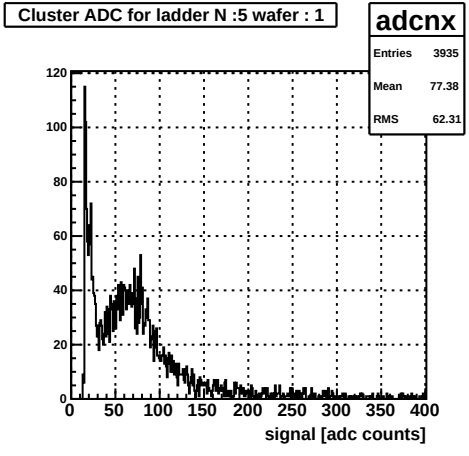

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 6504
Mean 103
RMS 63.81
signal [adc counts]

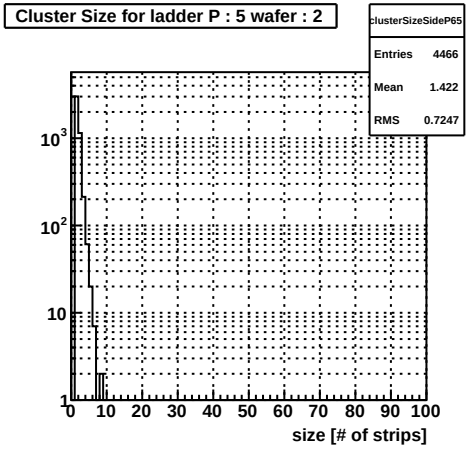

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 11095
Mean 1.355
RMS 0.6773
size [# of strips]

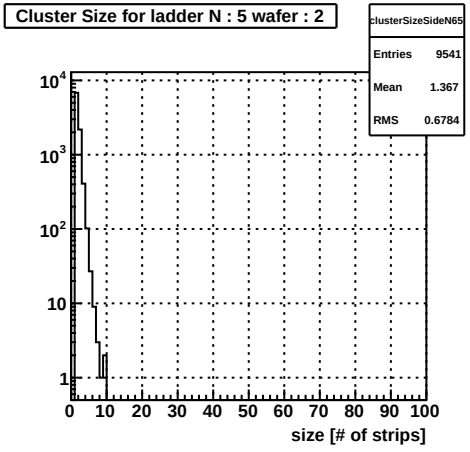

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 3935
Mean 1.495
RMS 0.7494
size [# of strips]

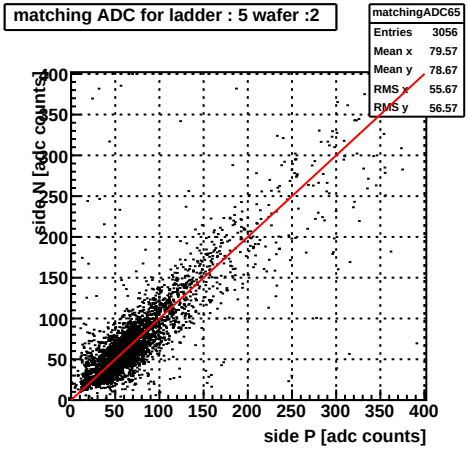

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3083
Mean x 90.1
Mean y 84.21
RMS x 60.05
RMS y 58.96
side N [adc counts]
side P [adc counts]

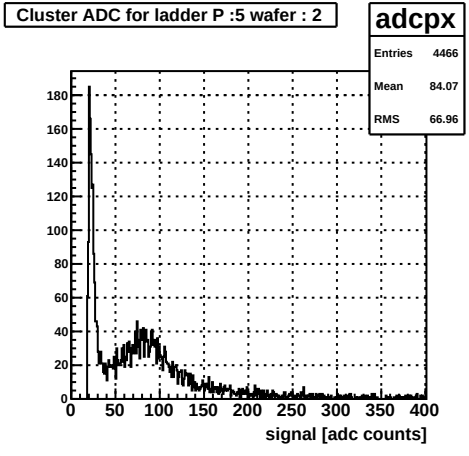

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 11095
Mean 76.52
RMS 66.16
signal [adc counts]

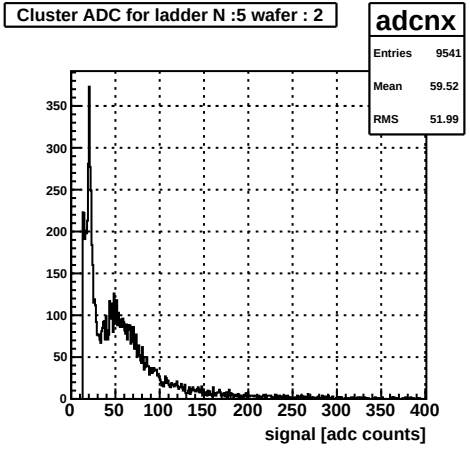

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 3935
Mean 77.38
RMS 62.31
signal [adc counts]

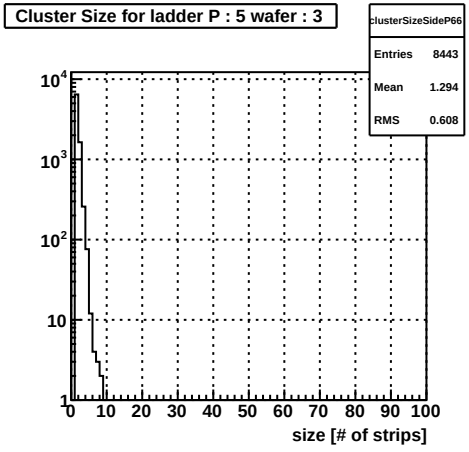

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 4466
Mean 1.422
RMS 0.7247
size [# of strips]

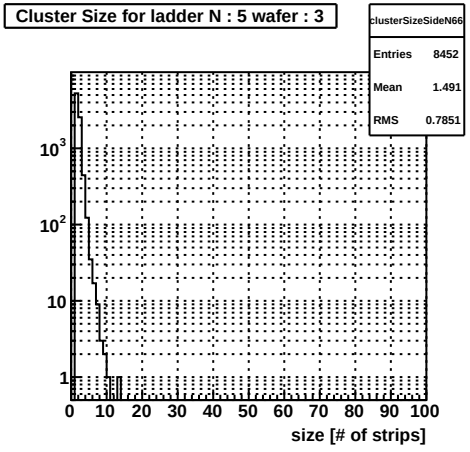

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 9541
Mean 1.367
RMS 0.6784
size [# of strips]

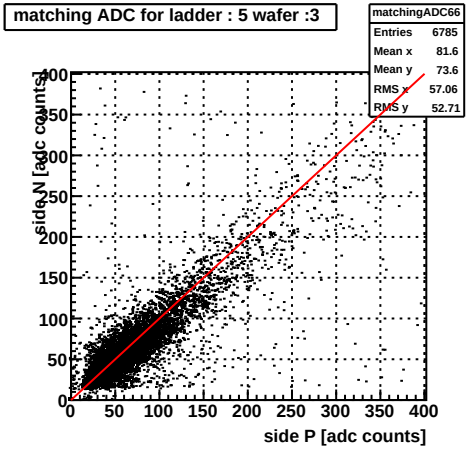

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3056
Mean x 79.57
Mean y 78.67
RMS x 55.67
RMS y 56.57
side N [adc counts]
side P [adc counts]

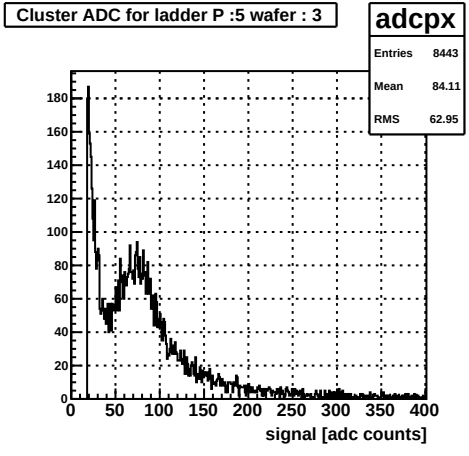

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 4466
Mean 84.07
RMS 66.96
signal [adc counts]

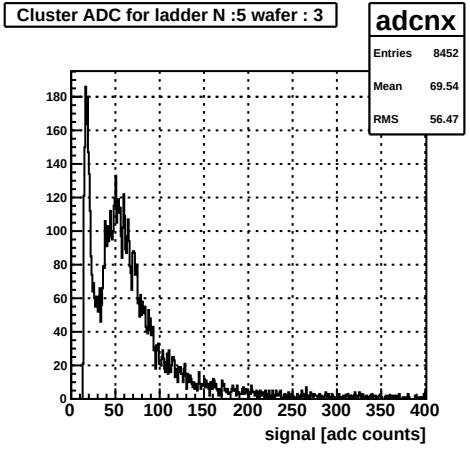

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 9541
Mean 59.52
RMS 51.99
signal [adc counts]

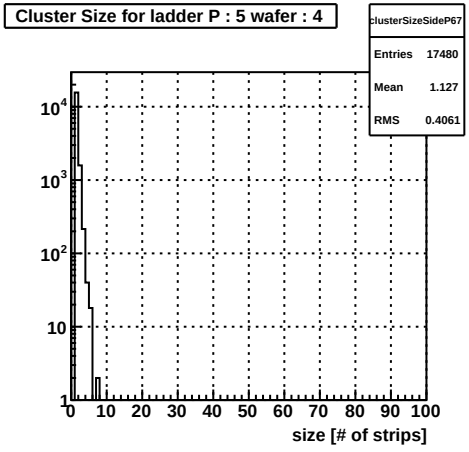

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 8443
Mean 1.294
RMS 0.608
size [# of strips]

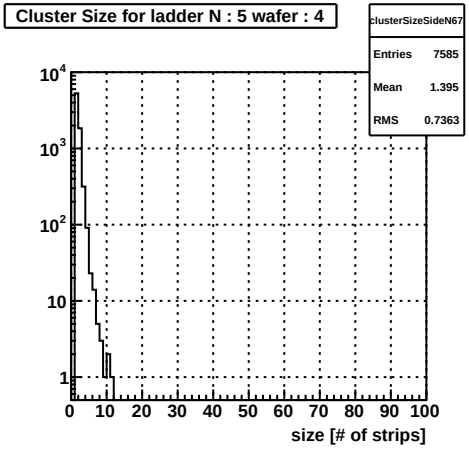

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8452
Mean 1.491
RMS 0.7851
size [# of strips]

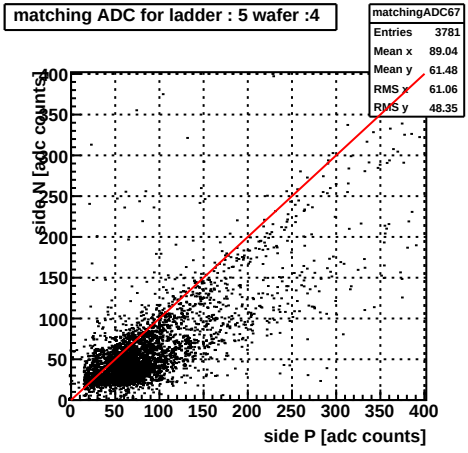

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 6785
Mean x 81.6
Mean y 73.6
RMS x 57.06
RMS y 52.71
side N [adc counts]
side P [adc counts]

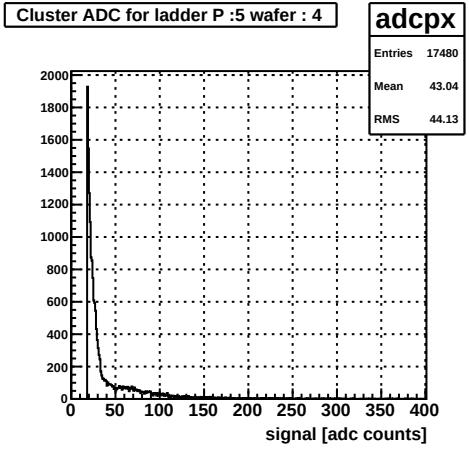

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 8443
Mean 84.11
RMS 62.95
signal [adc counts]

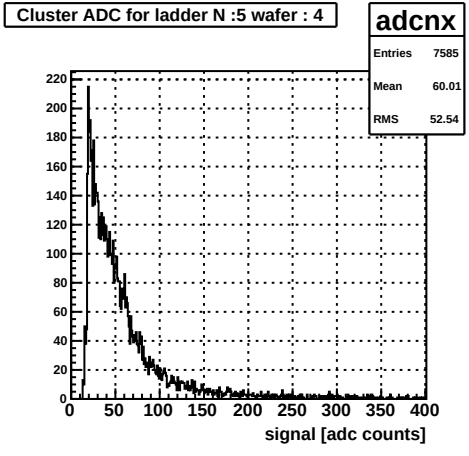

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8452
Mean 69.54
RMS 56.47
signal [adc counts]

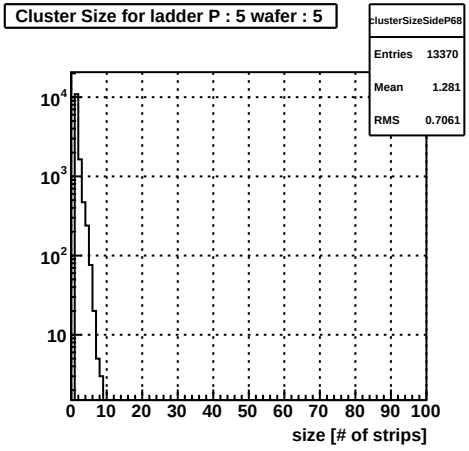

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 17480
Mean 1.127
RMS 0.4061
size [# of strips]

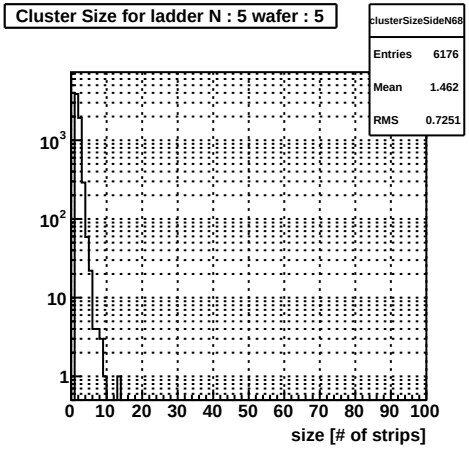

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 7585
Mean 1.395
RMS 0.7363
size [# of strips]

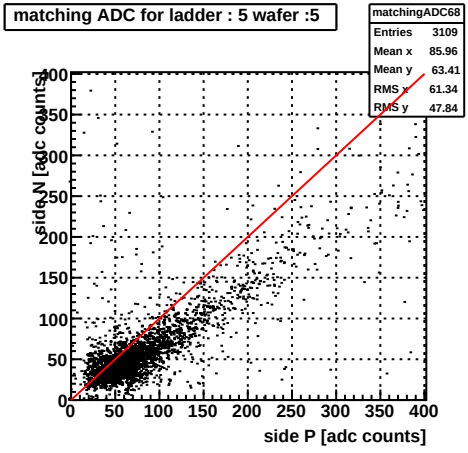

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 3781
Mean x 89.04
Mean y 61.48
RMS x 61.06
RMS y 48.35
side N [adc counts]
side P [adc counts]

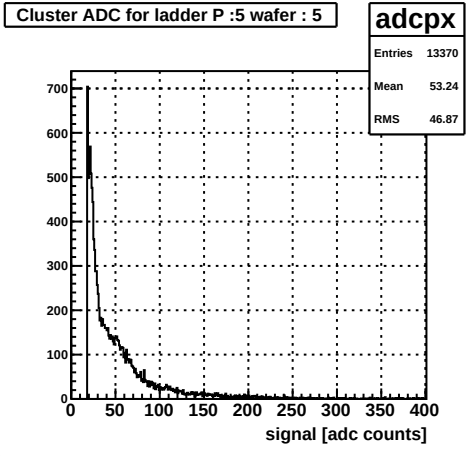

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 17480
Mean 43.04
RMS 44.13
signal [adc counts]

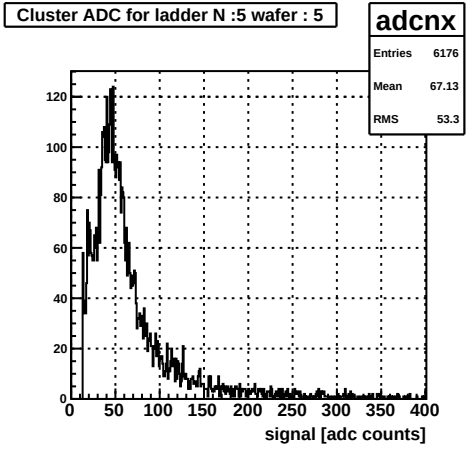

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 7585
Mean 60.01
RMS 52.54
signal [adc counts]

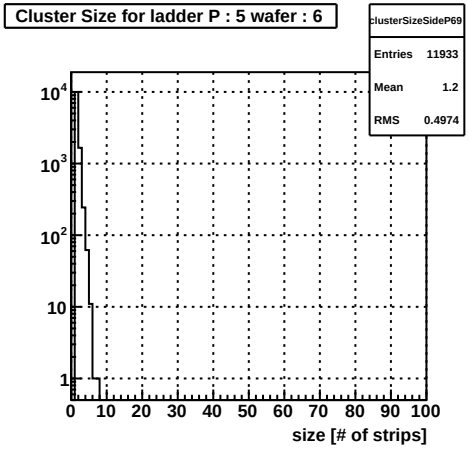

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 13370
Mean 1.281
RMS 0.7061
size [# of strips]

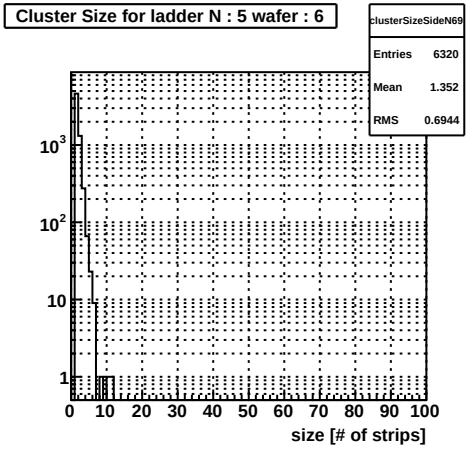

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 6176
Mean 1.462
RMS 0.7251
size [# of strips]

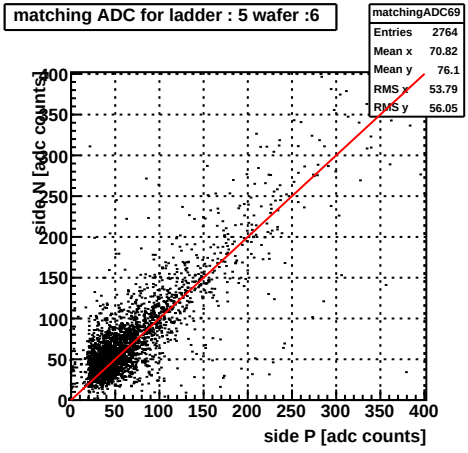

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 3109
Mean x 85.96
Mean y 63.41
RMS x 61.34
RMS y 47.84
side N [adc counts]
side P [adc counts]

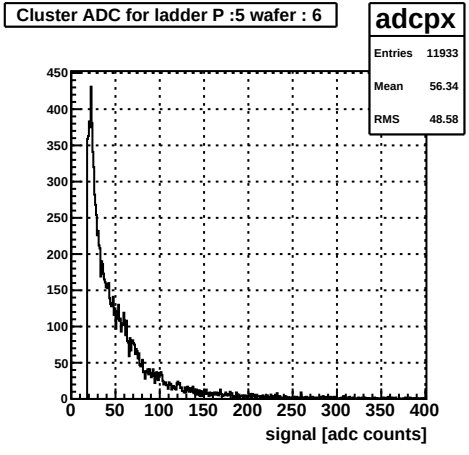

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 13370
Mean 53.24
RMS 46.87
signal [adc counts]

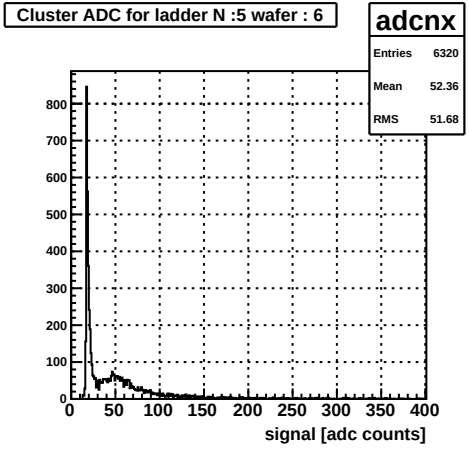

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 6176
Mean 67.13
RMS 53.3
signal [adc counts]

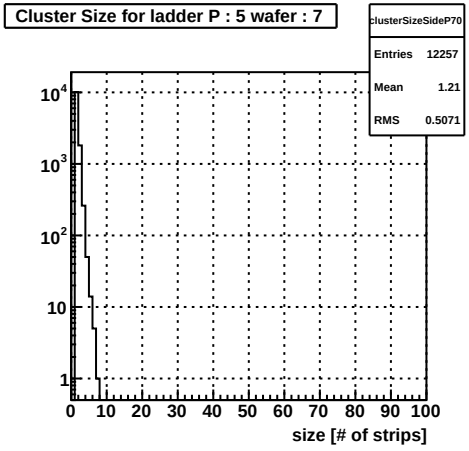

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 11933
Mean 1.2
RMS 0.4974
size [# of strips]

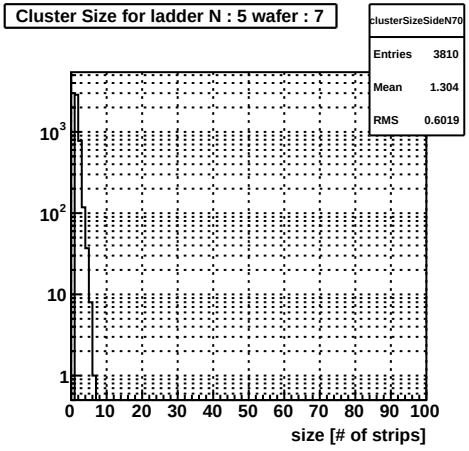

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 6320
Mean 1.352
RMS 0.6944
size [# of strips]

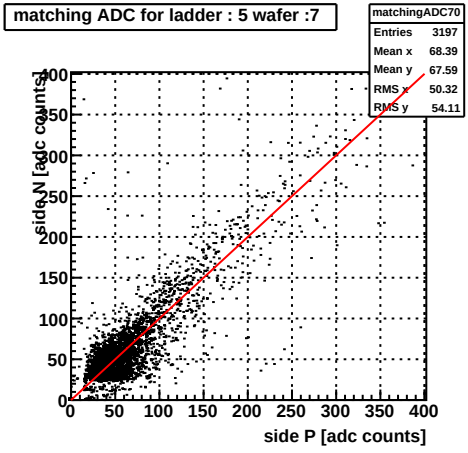

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2764
Mean x 70.82
Mean y 76.1
RMS x 53.79
RMS y 56.05
side N [adc counts]
side P [adc counts]

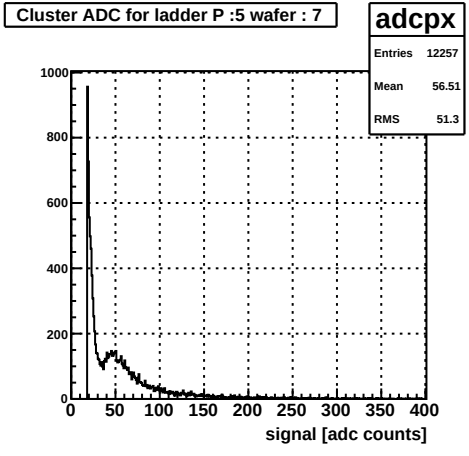

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 11933
Mean 56.34
RMS 48.58
signal [adc counts]

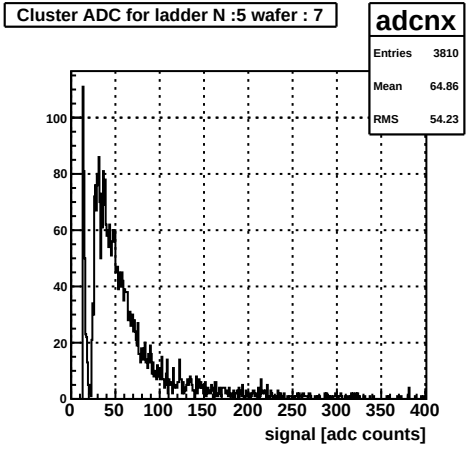

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 6320
Mean 52.36
RMS 51.68
signal [adc counts]

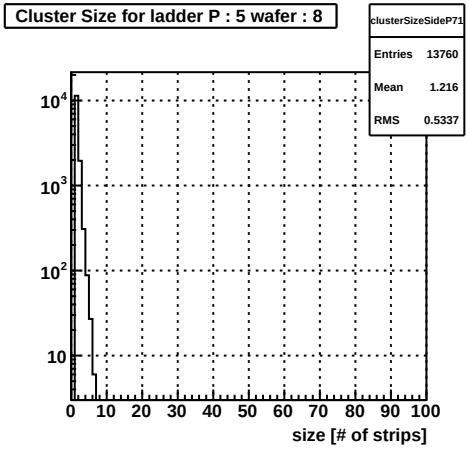

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 12257
Mean 1.21
RMS 0.5071
size [# of strips]

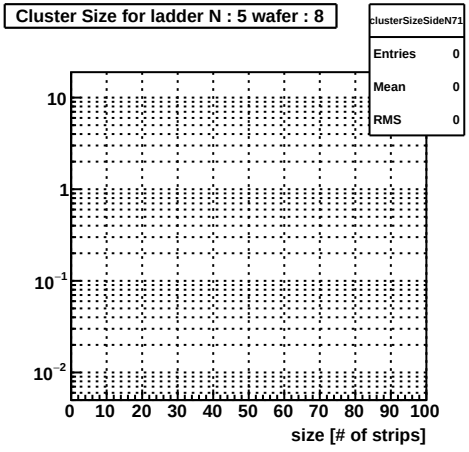

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 3810
Mean 1.304
RMS 0.6019
size [# of strips]

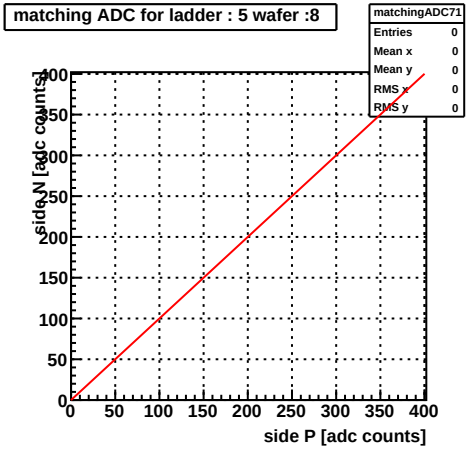

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3197
Mean x 68.39
Mean y 67.59
RMS x 50.32
RMS y 54.11
side N [adc counts]
side P [adc counts]

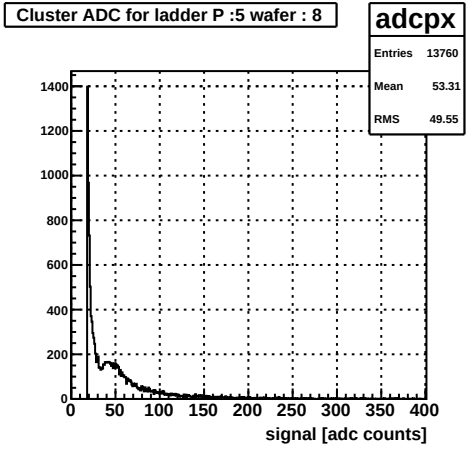

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 12257
Mean 56.51
RMS 51.3
signal [adc counts]

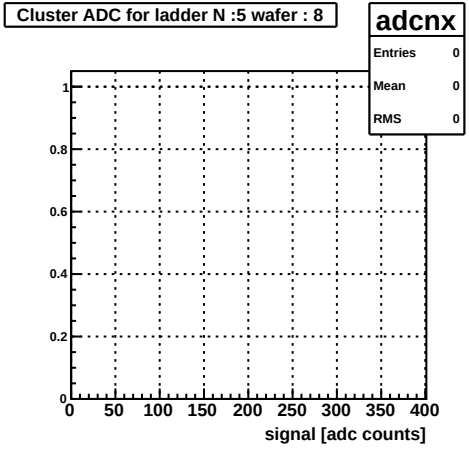

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 3810
Mean 64.86
RMS 54.23
signal [adc counts]

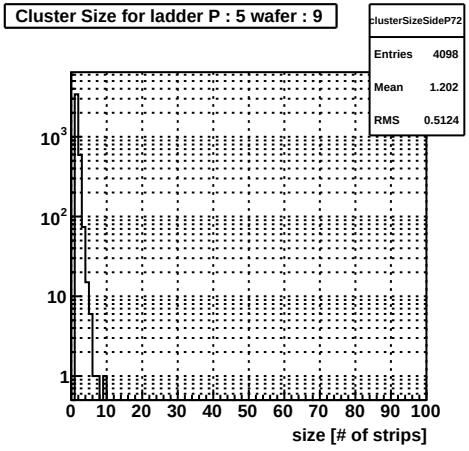

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13760
Mean 1.216
RMS 0.5337
size [# of strips]

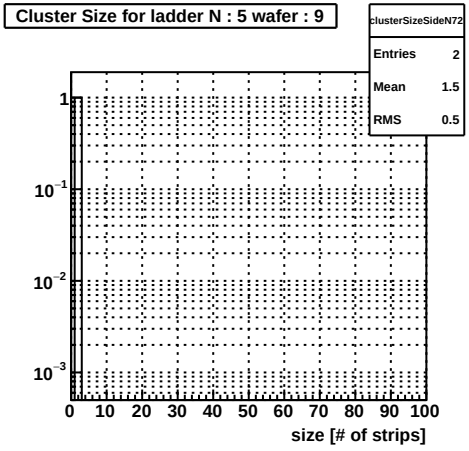

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

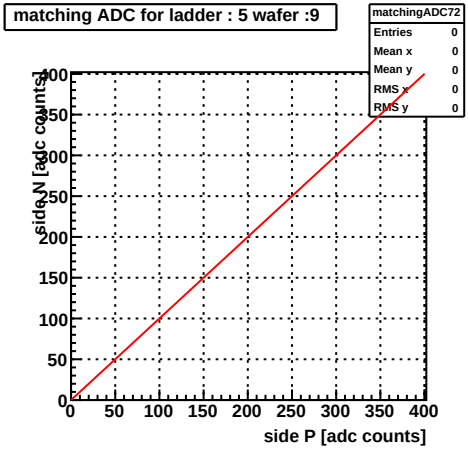

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

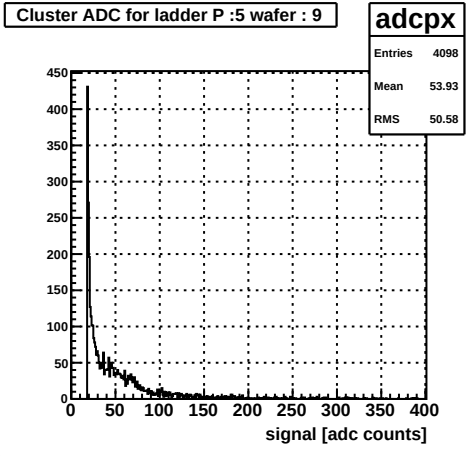

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13760
Mean 53.31
RMS 49.55
signal [adc counts]

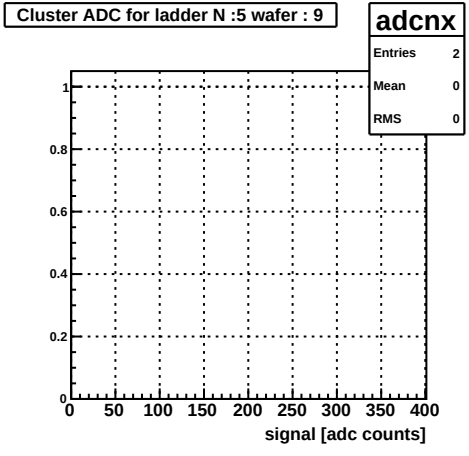

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

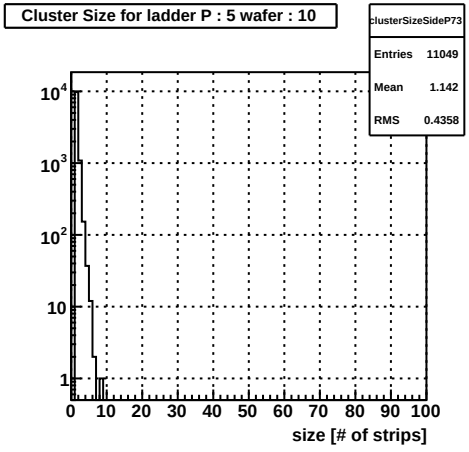

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4098
Mean 1.202
RMS 0.5124
size [# of strips]

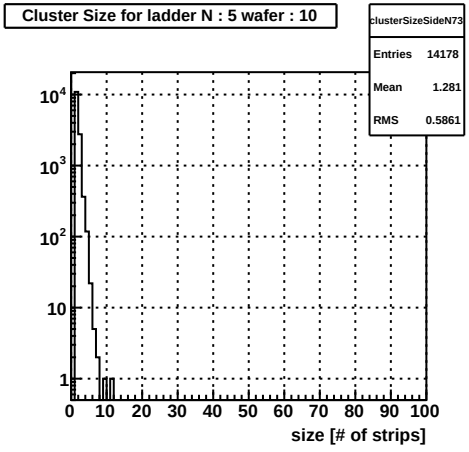

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

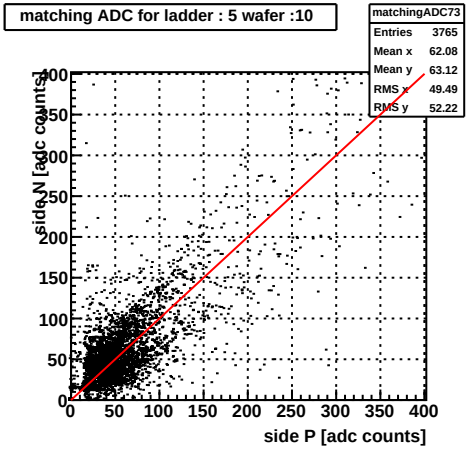

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

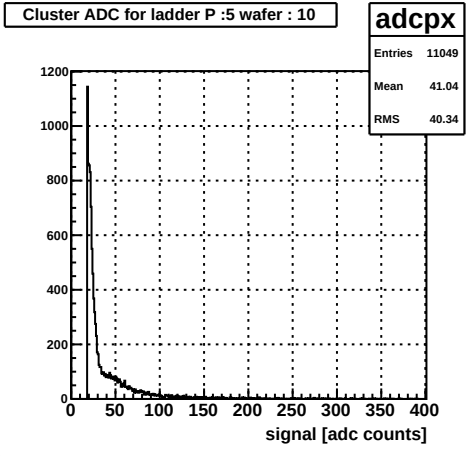

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4098
Mean 53.93
RMS 50.58
signal [adc counts]

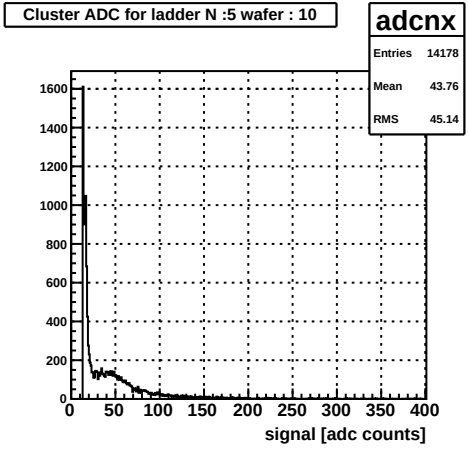

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

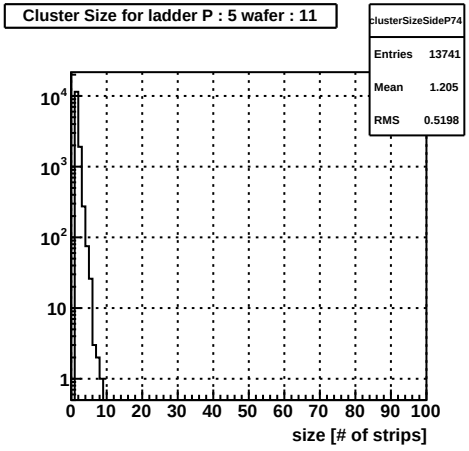

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 11049
Mean 1.142
RMS 0.4358
size [# of strips]

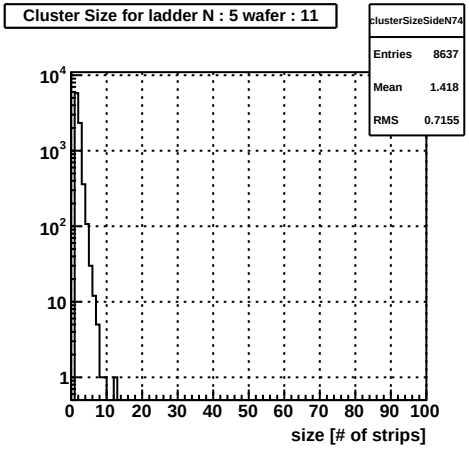

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 14178
Mean 1.281
RMS 0.5861
size [# of strips]

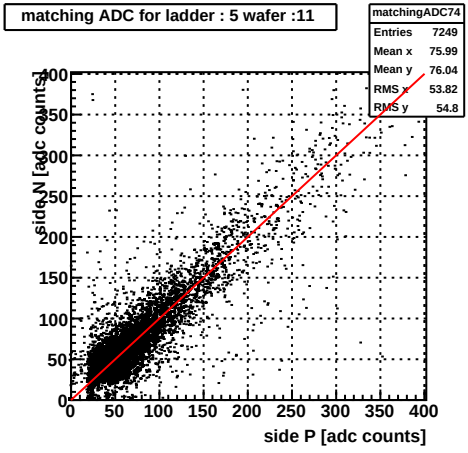

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 3765
Mean x 62.08
Mean y 63.12
RMS x 49.49
RMS y 52.22
side N [adc counts]
side P [adc counts]

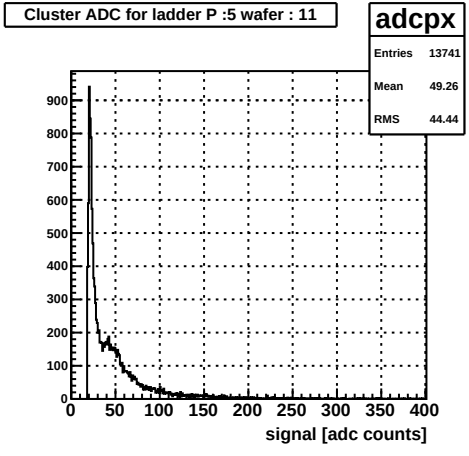

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 11049
Mean 41.04
RMS 40.34
signal [adc counts]

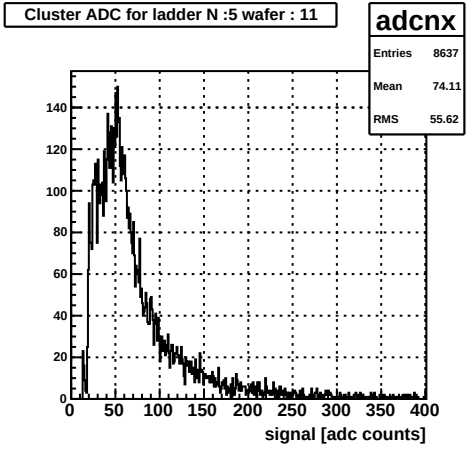

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 14178
Mean 43.76
RMS 45.14
signal [adc counts]

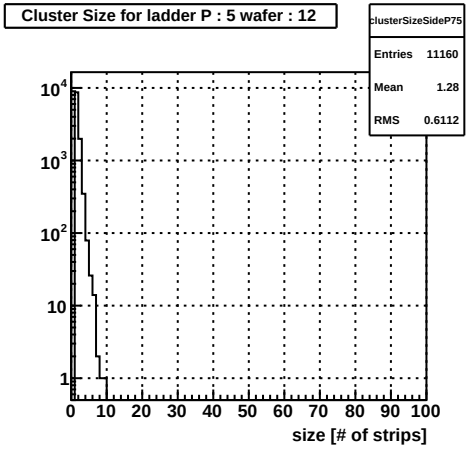

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 13741
Mean 1.205
RMS 0.5198
size [# of strips]

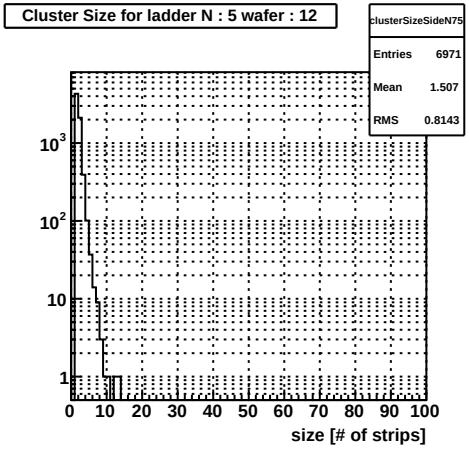

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 8637
Mean 1.418
RMS 0.7155
size [# of strips]

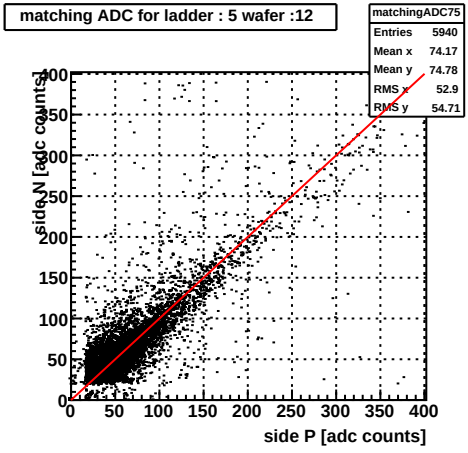

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 7249
Mean x 75.99
Mean y 76.04
RMS x 53.82
RMS y 54.8
side N [adc counts]
side P [adc counts]

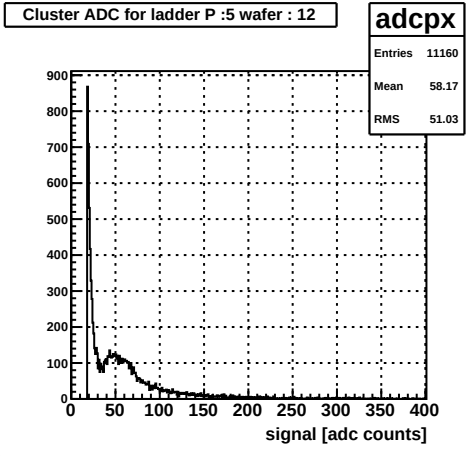

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 13741
Mean 49.26
RMS 44.44
signal [adc counts]

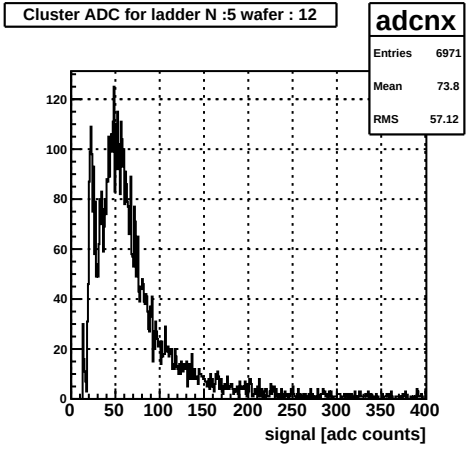

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 8637
Mean 74.11
RMS 55.62
signal [adc counts]

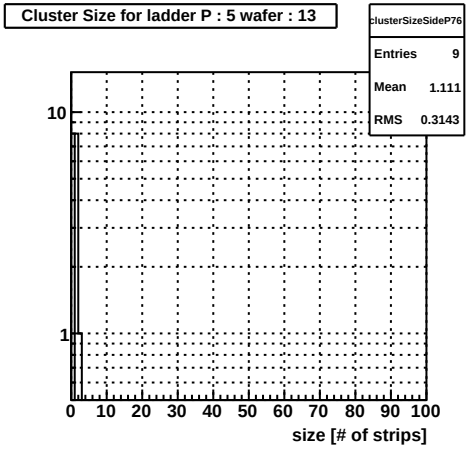

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 11160
Mean 1.28
RMS 0.6112
size [# of strips]

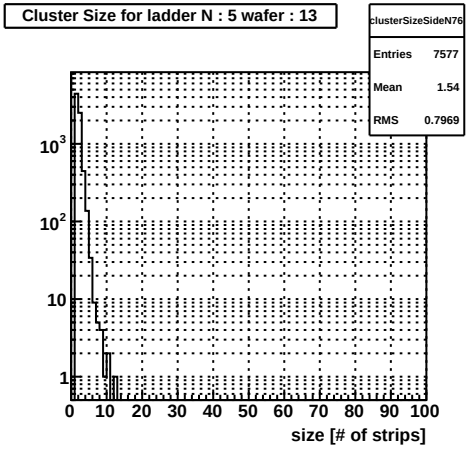

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 6971
Mean 1.507
RMS 0.8143
size [# of strips]

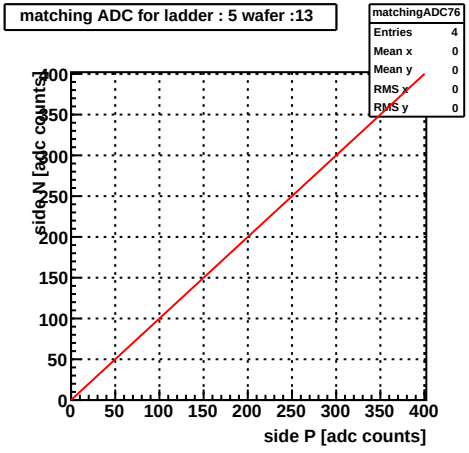

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 5940
Mean x 74.17
Mean y 74.78
RMS x 52.9
RMS y 54.71
side N [adc counts]
side P [adc counts]

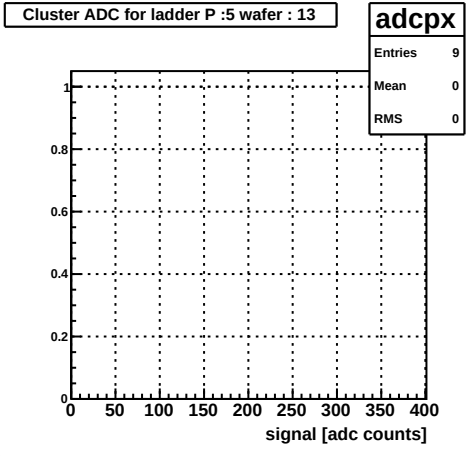

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 11160
Mean 58.17
RMS 51.03
signal [adc counts]

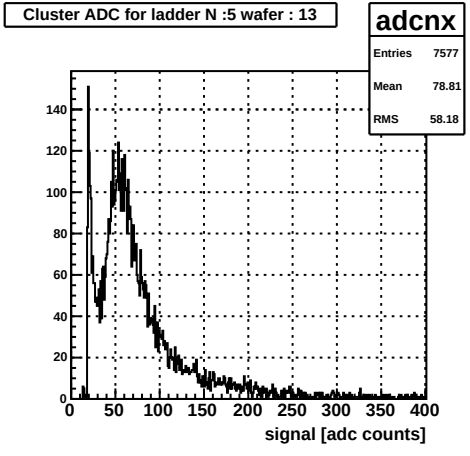

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 6971
Mean 73.8
RMS 57.12
signal [adc counts]

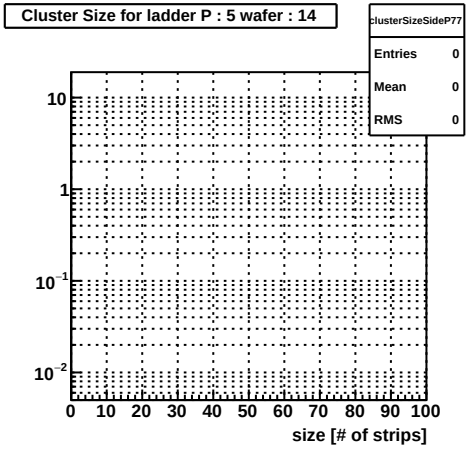

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 9
Mean 1.111
RMS 0.3143
size [# of strips]

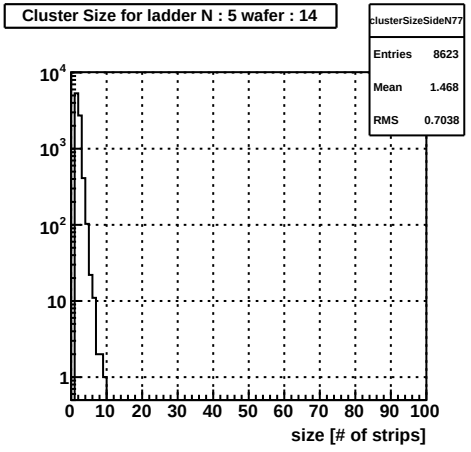

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 7577
Mean 1.54
RMS 0.7969
size [# of strips]

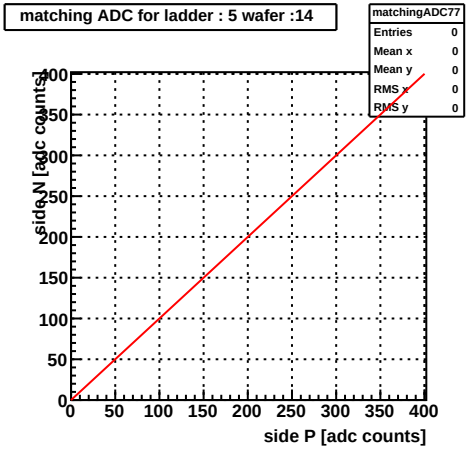

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

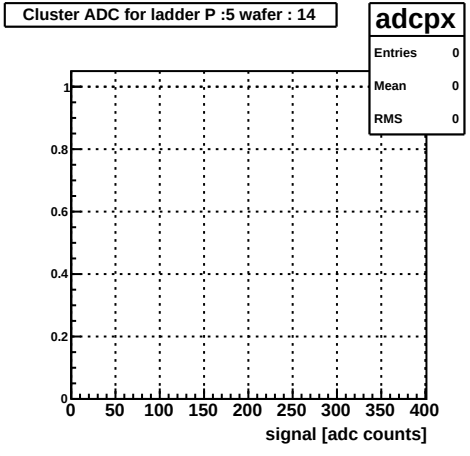

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

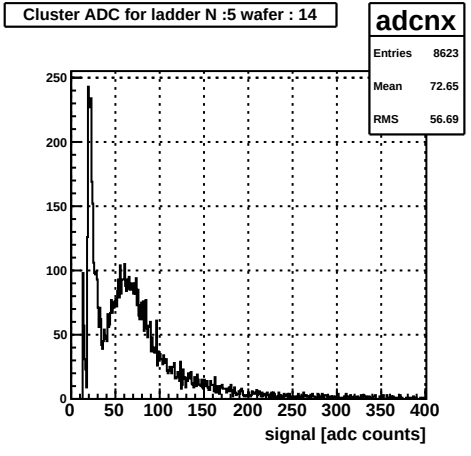

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 7577
Mean 78.81
RMS 58.18
signal [adc counts]

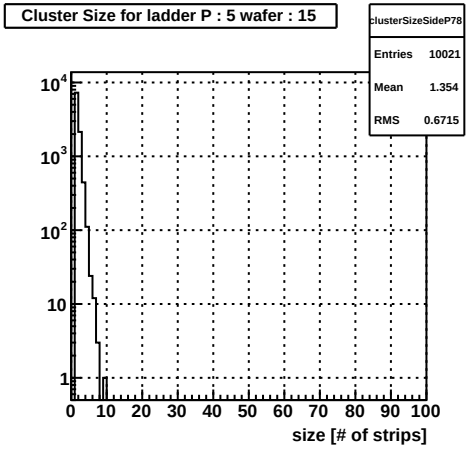

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

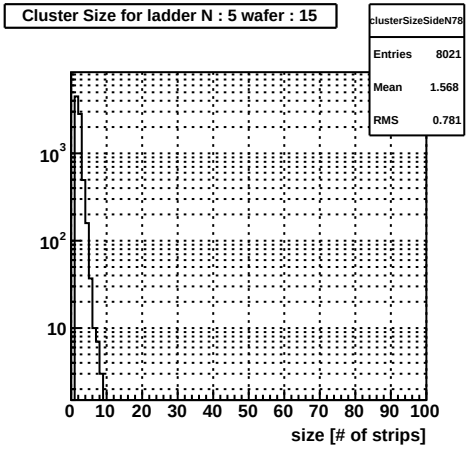

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 8623
Mean 1.468
RMS 0.7038
size [# of strips]

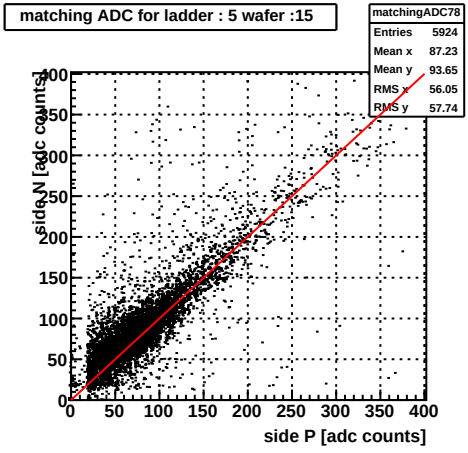

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

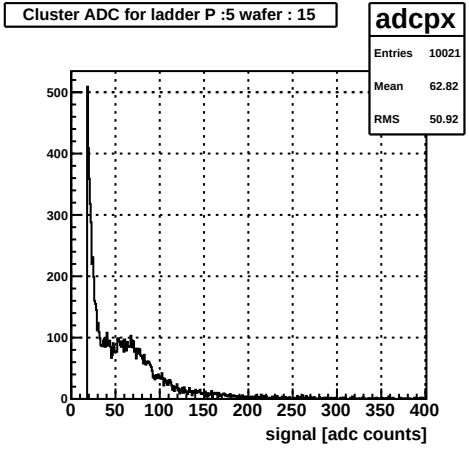

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

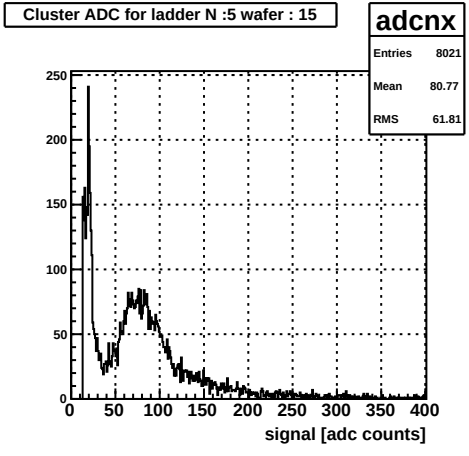

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 8623
Mean 72.65
RMS 56.69
signal [adc counts]

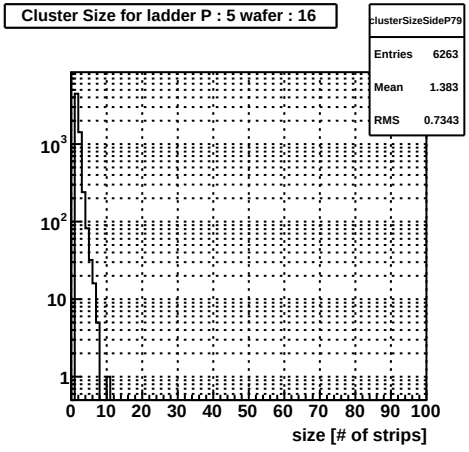

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 10021
Mean 1.354
RMS 0.6715
size [# of strips]

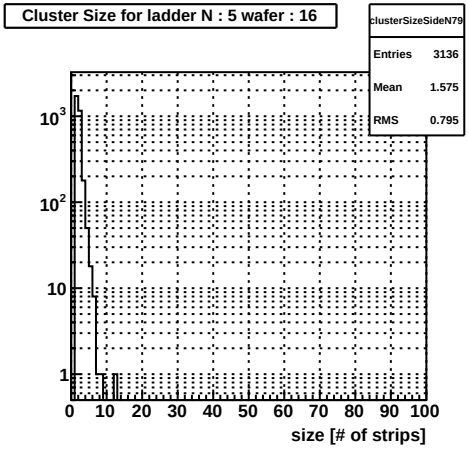

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 8021
Mean 1.568
RMS 0.781
size [# of strips]

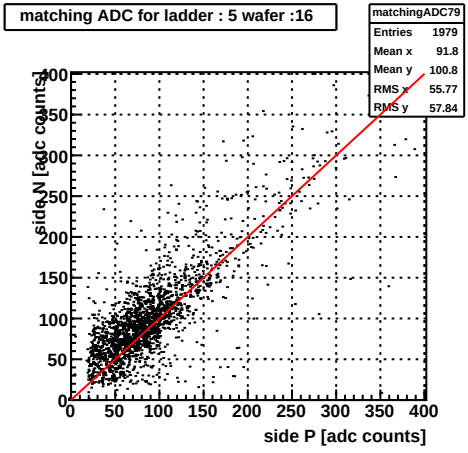

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 5924
Mean x 87.23
Mean y 93.65
RMS x 56.05
RMS y 57.74
side N [adc counts]
side P [adc counts]

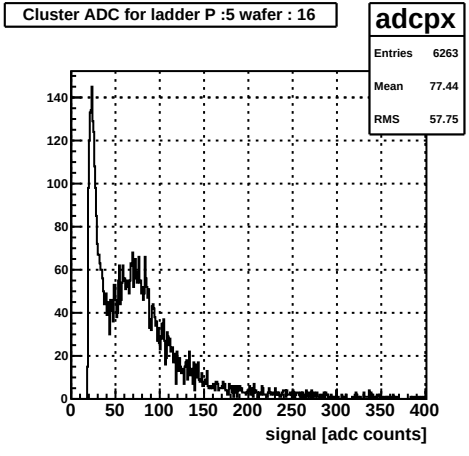

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 10021
Mean 62.82
RMS 50.92
signal [adc counts]

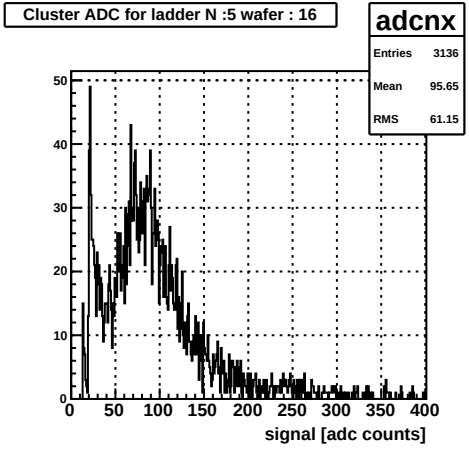

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 8021
Mean 80.77
RMS 61.81
signal [adc counts]

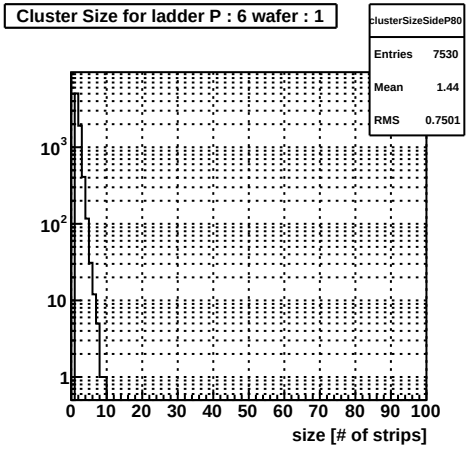

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 6263
Mean 1.383
RMS 0.7343
size [# of strips]

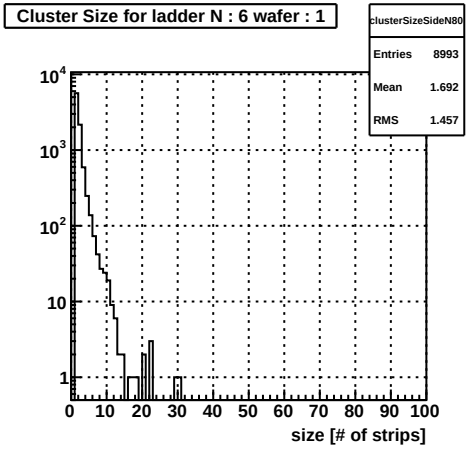

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 3136
Mean 1.575
RMS 0.795
size [# of strips]

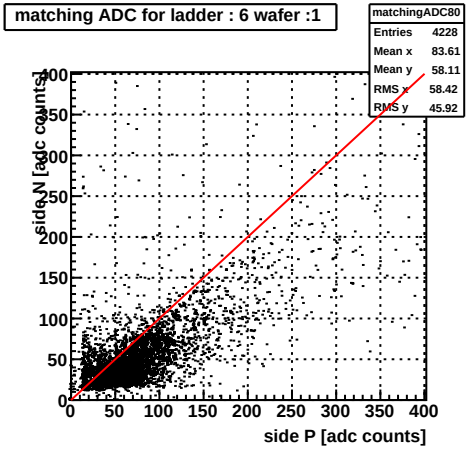

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 1979
Mean x 91.8
Mean y 100.8
RMS x 55.77
RMS y 57.84
side N [adc counts]
side P [adc counts]

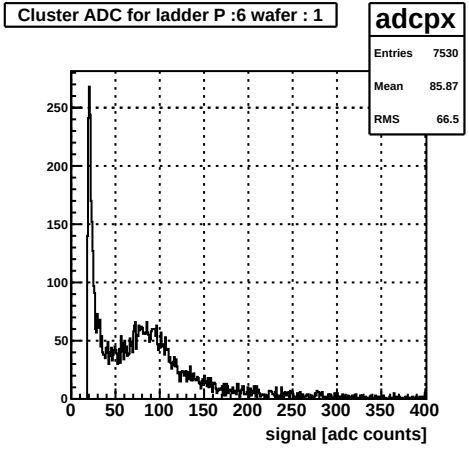

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 6263
Mean 77.44
RMS 57.75
signal [adc counts]

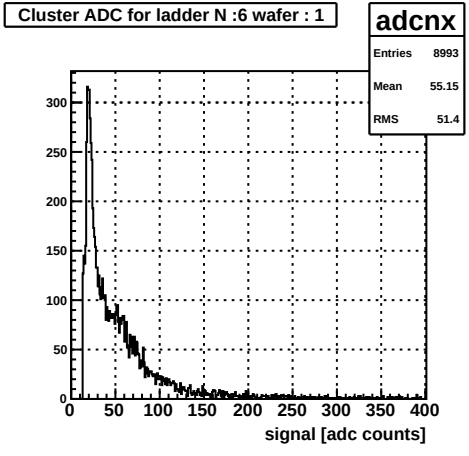

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 3136
Mean 95.65
RMS 61.15
signal [adc counts]

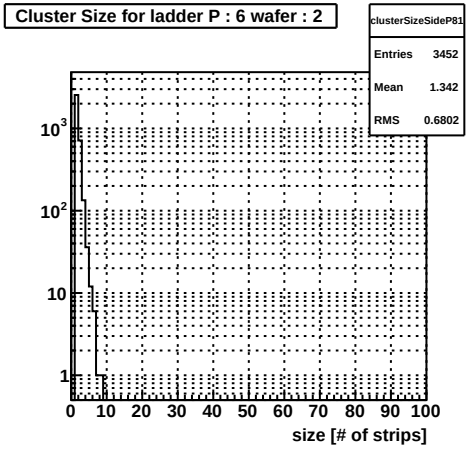

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7530
Mean 1.44
RMS 0.7501
size [# of strips]

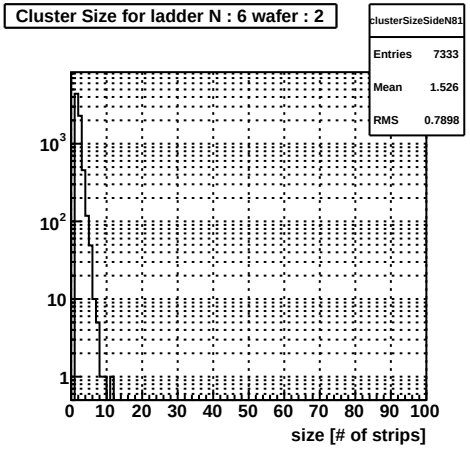

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 8993
Mean 1.692
RMS 1.457
size [# of strips]

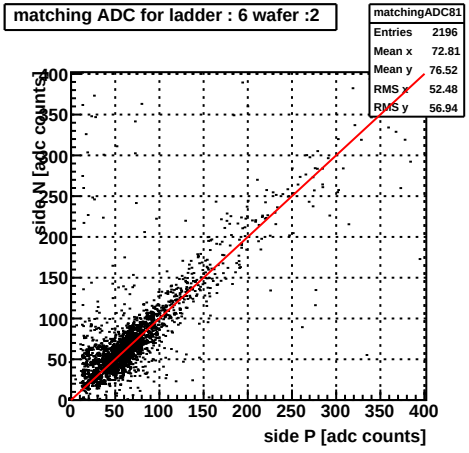

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 4228
Mean x 83.61
Mean y 58.11
RMS x 58.42
RMS y 45.92
side N [adc counts]
side P [adc counts]

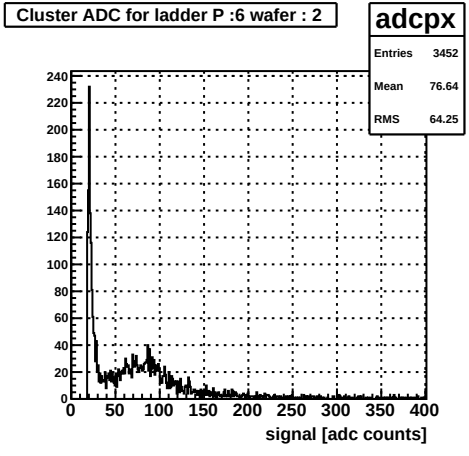

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7530
Mean 85.87
RMS 66.5
signal [adc counts]

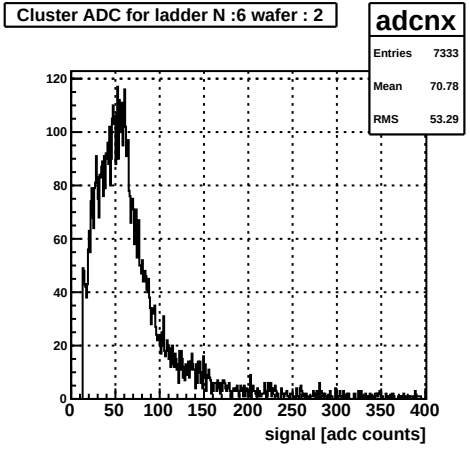

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 8993
Mean 55.15
RMS 51.4
signal [adc counts]

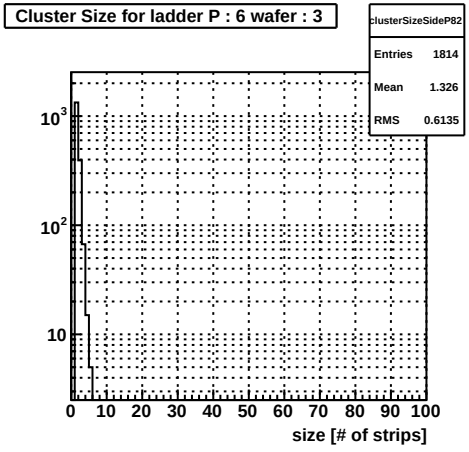

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3452
Mean 1.342
RMS 0.6802
size [# of strips]

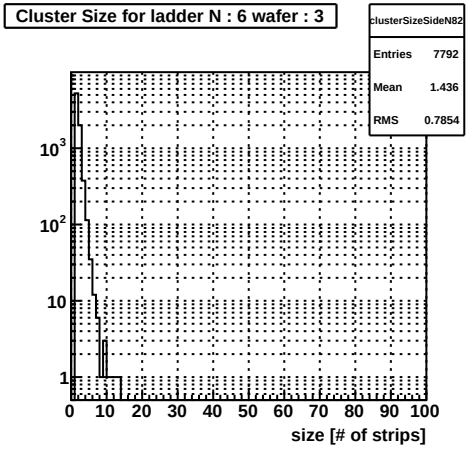

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 7333
Mean 1.526
RMS 0.7898
size [# of strips]

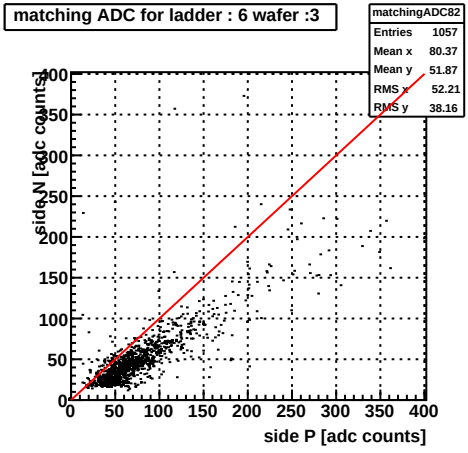

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2196
Mean x 72.81
Mean y 76.52
RMS x 52.48
RMS y 56.94
side N [adc counts]
side P [adc counts]

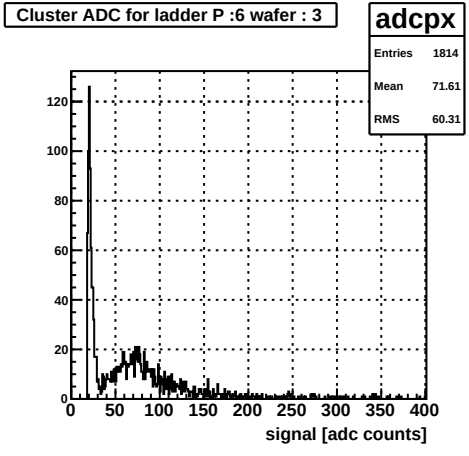

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3452
Mean 76.64
RMS 64.25
signal [adc counts]

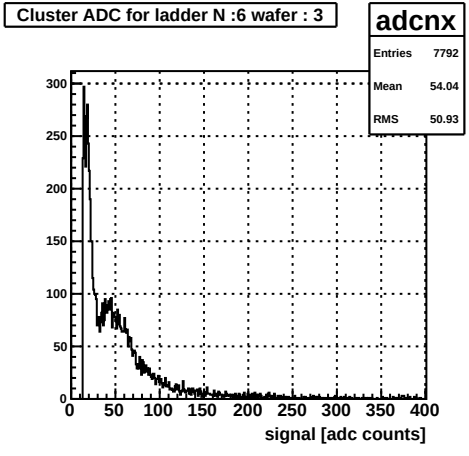

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 7333
Mean 70.78
RMS 53.29
signal [adc counts]

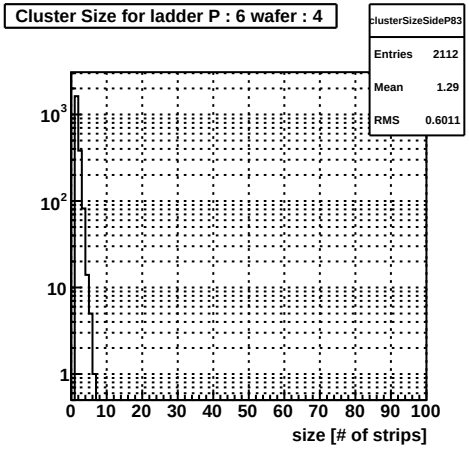

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1814
Mean 1.326
RMS 0.6135
size [# of strips]

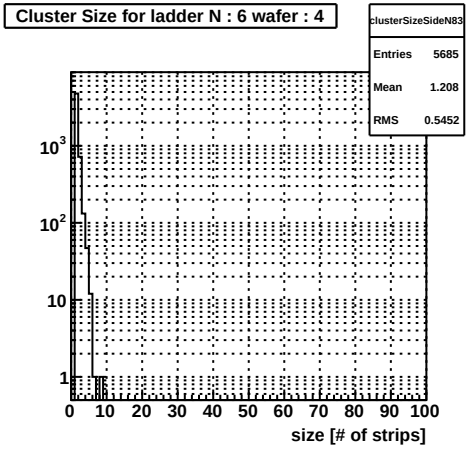

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 7792
Mean 1.436
RMS 0.7854
size [# of strips]

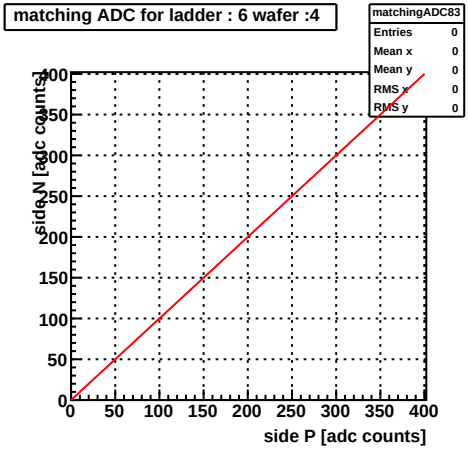

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1057
Mean x 80.37
Mean y 51.87
RMS x 52.21
RMS y 38.16
side N [adc counts]
side P [adc counts]

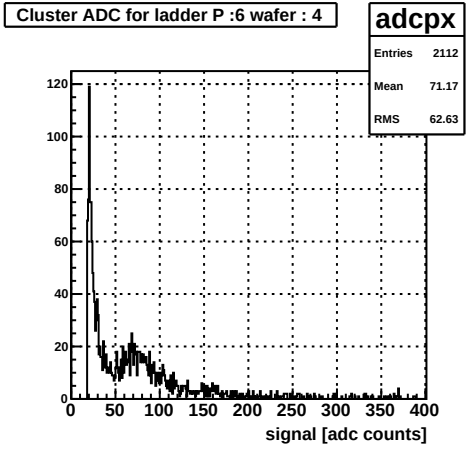

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1814
Mean 71.61
RMS 60.31
signal [adc counts]

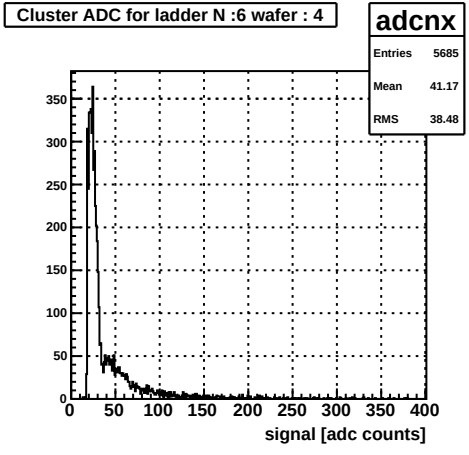

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 7792
Mean 54.04
RMS 50.93
signal [adc counts]

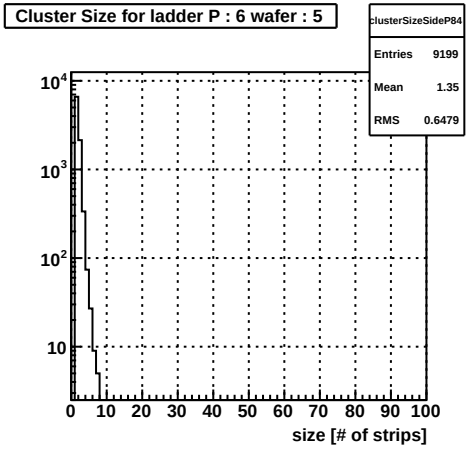

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 2112
Mean 1.29
RMS 0.6011
size [# of strips]

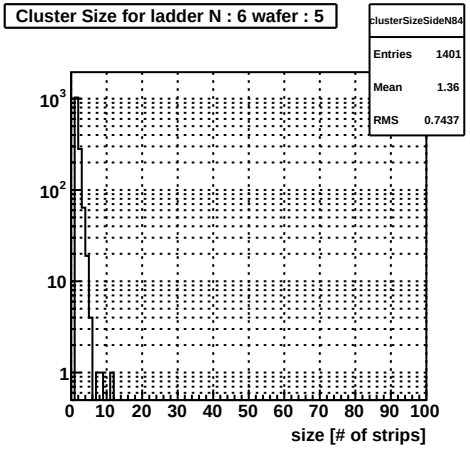

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5685
Mean 1.208
RMS 0.5452
size [# of strips]

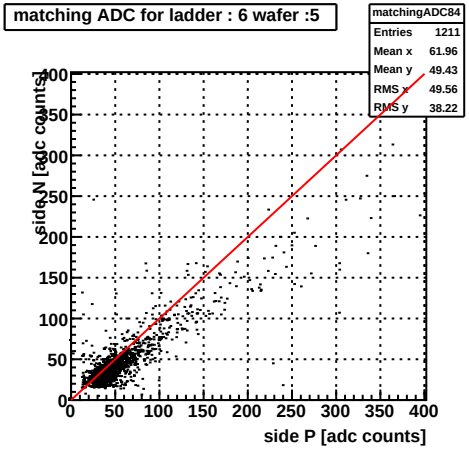

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

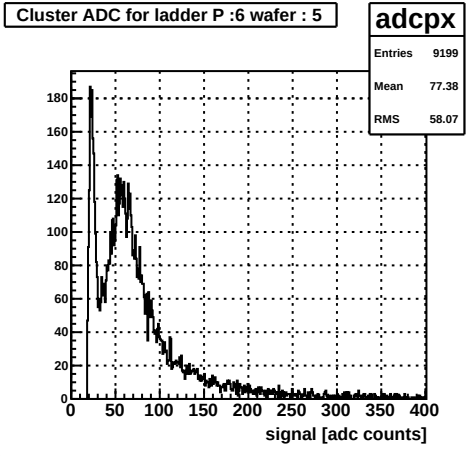

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 2112
Mean 71.17
RMS 62.63
signal [adc counts]

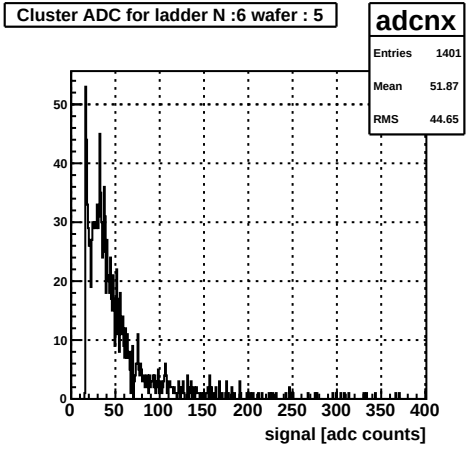

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5685
Mean 41.17
RMS 38.48
signal [adc counts]

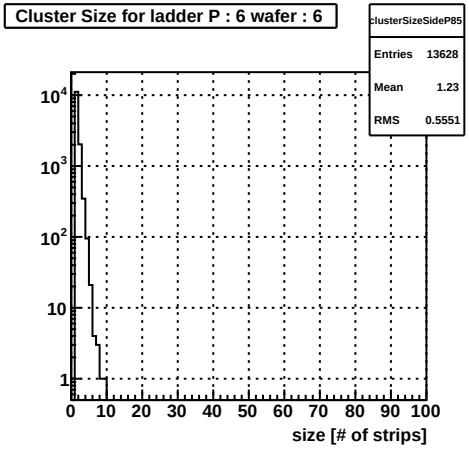

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 9199
Mean 1.35
RMS 0.6479
size [# of strips]

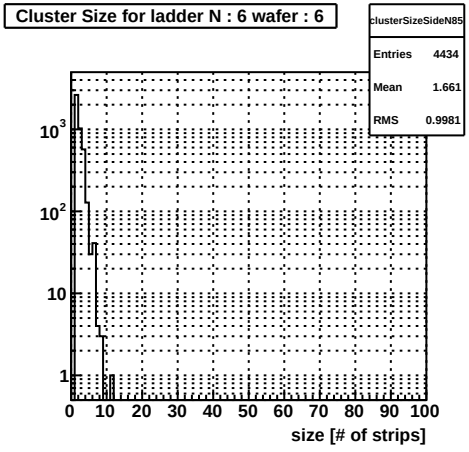

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1401
Mean 1.36
RMS 0.7437
size [# of strips]

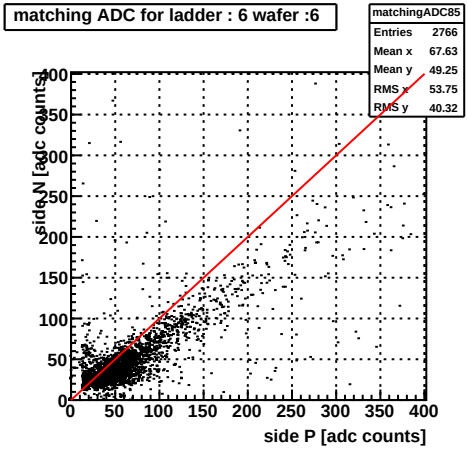

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1211
Mean x 61.96
Mean y 49.43
RMS x 49.56
RMS y 38.22
side N [adc counts]
side P [adc counts]

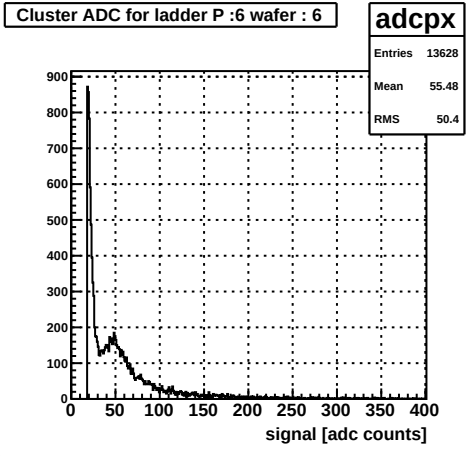

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 9199
Mean 77.38
RMS 58.07
signal [adc counts]

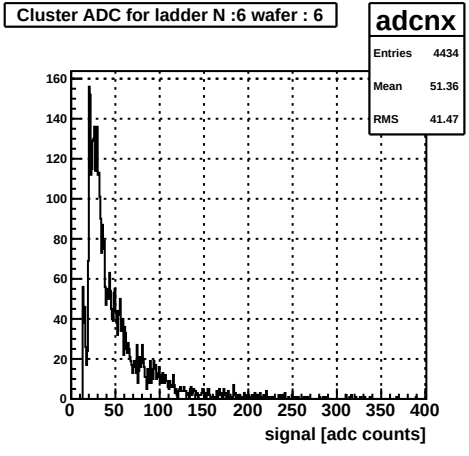

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1401
Mean 51.87
RMS 44.65
signal [adc counts]

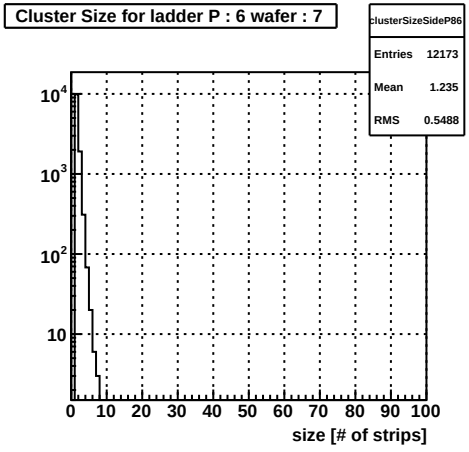

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 13628
Mean 1.23
RMS 0.5551
size [# of strips]

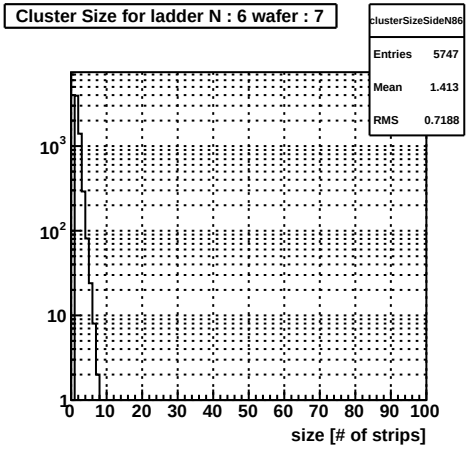

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 4434
Mean 1.661
RMS 0.9981
size [# of strips]

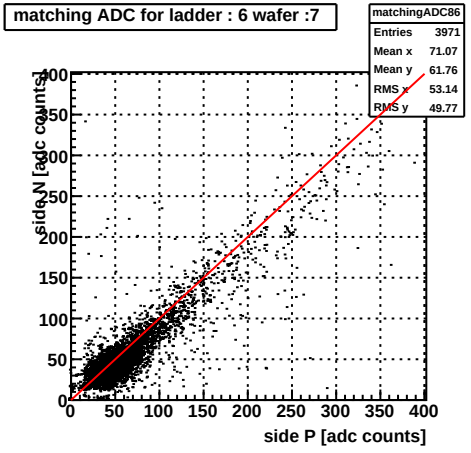

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 2766
Mean x 67.63
Mean y 49.25
RMS x 53.75
RMS y 40.32
side N [adc counts]
side P [adc counts]

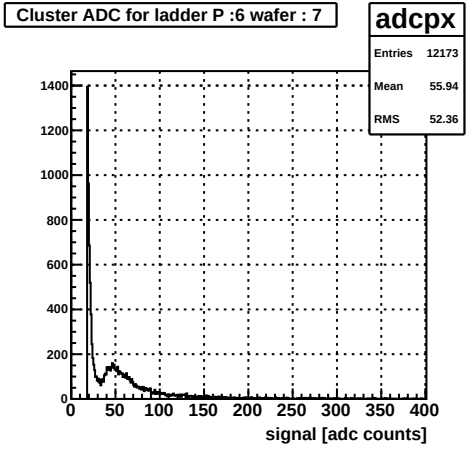

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 13628
Mean 55.48
RMS 50.4
signal [adc counts]

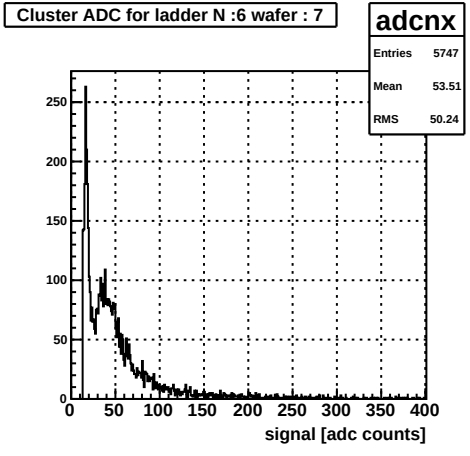

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 4434
Mean 51.36
RMS 41.47
signal [adc counts]

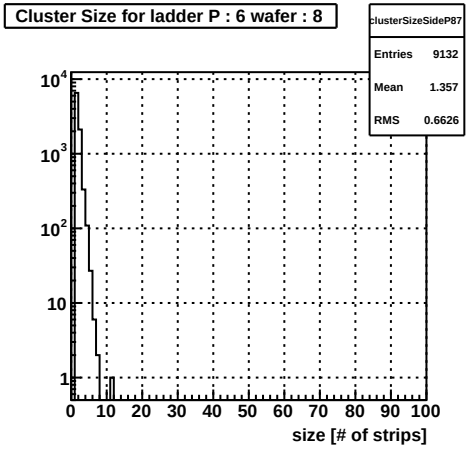

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 12173
Mean 1.235
RMS 0.5488
size [# of strips]

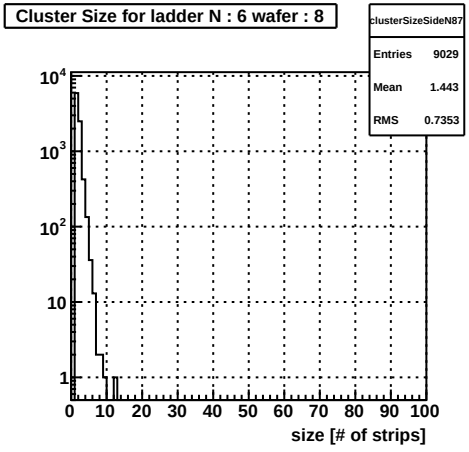

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 5747
Mean 1.413
RMS 0.7188
size [# of strips]

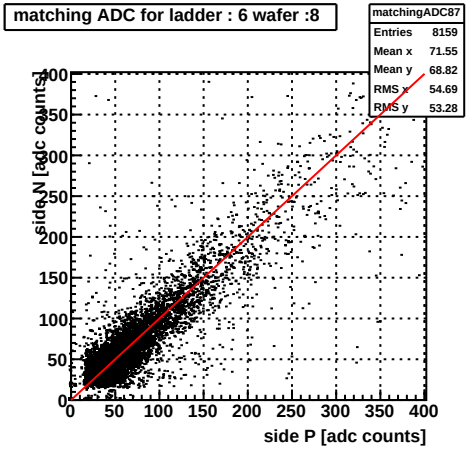

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 3971
Mean x 71.07
Mean y 61.76
RMS x 53.14
RMS y 49.77
side N [adc counts]
side P [adc counts]

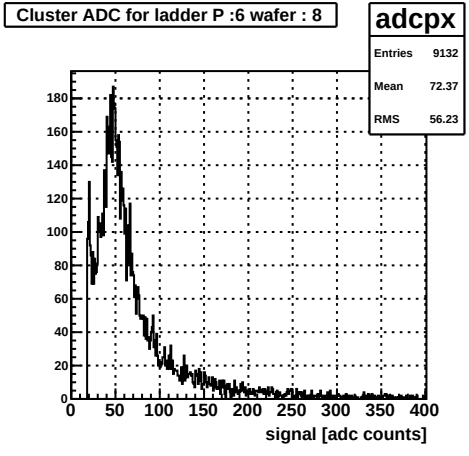

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 12173
Mean 55.94
RMS 52.36
signal [adc counts]

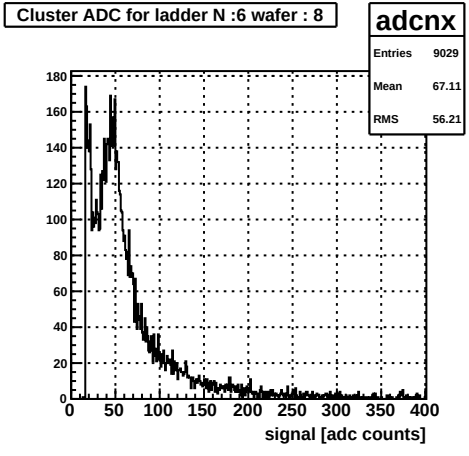

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 5747
Mean 53.51
RMS 50.24
signal [adc counts]

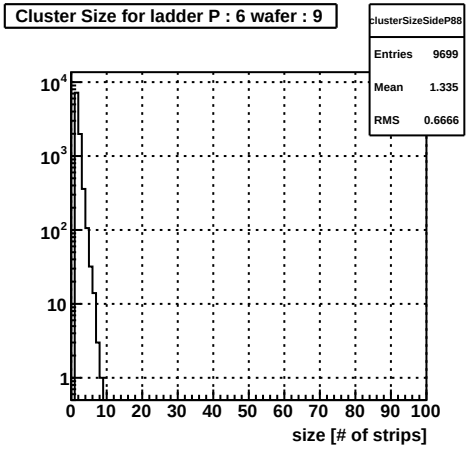

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 9132
Mean 1.357
RMS 0.6626
size [# of strips]

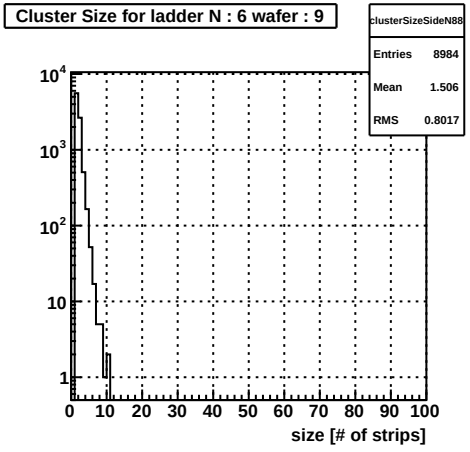

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 9029
Mean 1.443
RMS 0.7353
size [# of strips]

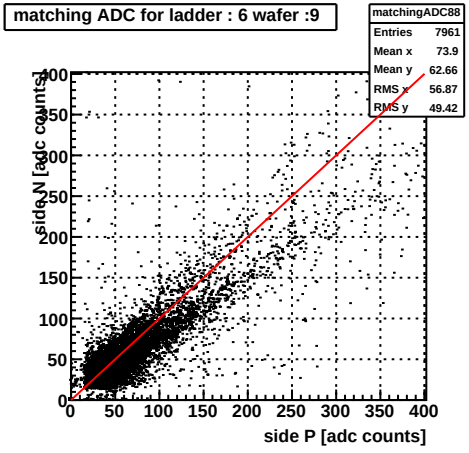

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 8159
Mean x 71.55
Mean y 68.82
RMS x 54.69
RMS y 53.28
side N [adc counts]
side P [adc counts]

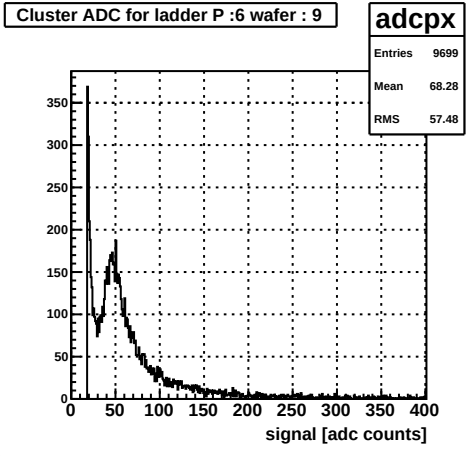

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 9132
Mean 72.37
RMS 56.23
signal [adc counts]

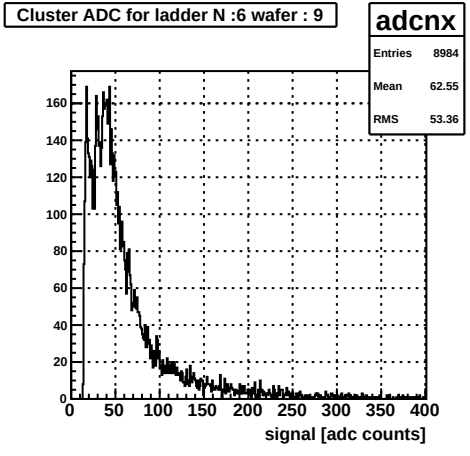

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 9029
Mean 67.11
RMS 56.21
signal [adc counts]

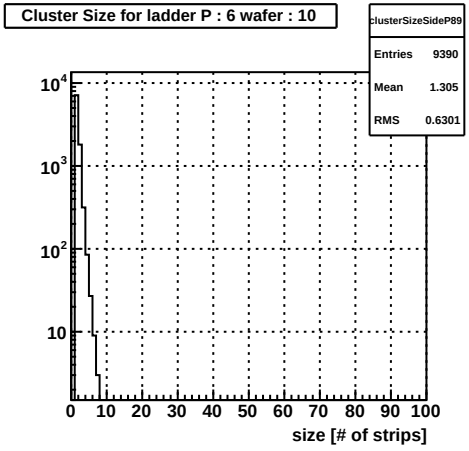

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 9699
Mean 1.335
RMS 0.6666
size [# of strips]

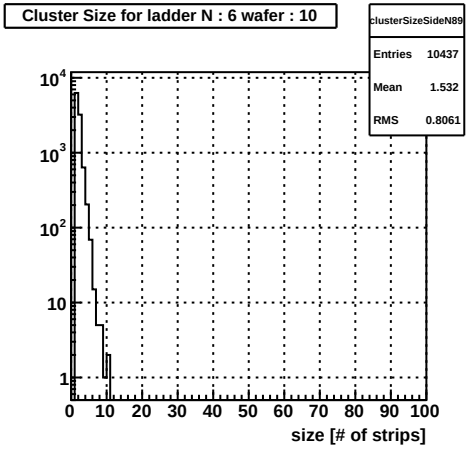

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 8984
Mean 1.506
RMS 0.8017
size [# of strips]

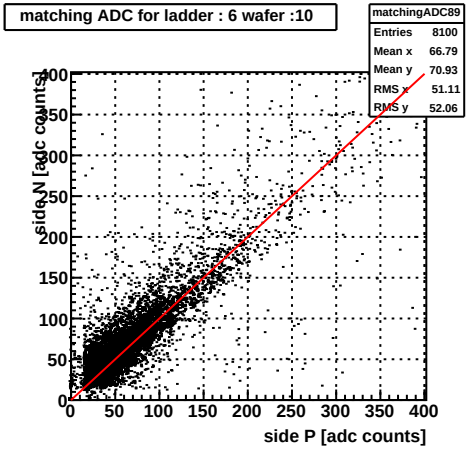

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 7961
Mean x 73.9
Mean y 62.66
RMS x 56.87
RMS y 49.42
side N [adc counts]
side P [adc counts]

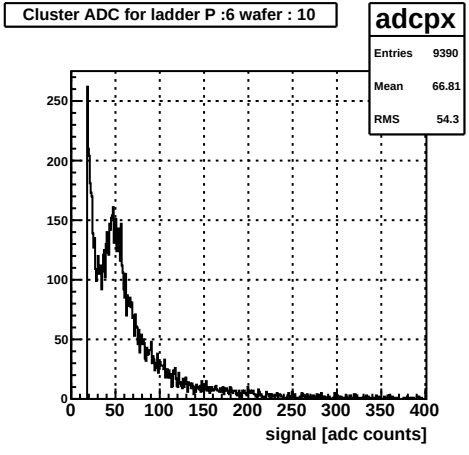

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 9699
Mean 68.28
RMS 57.48
signal [adc counts]

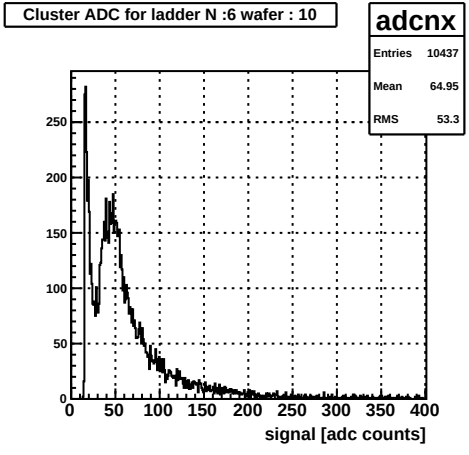

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 8984
Mean 62.55
RMS 53.36
signal [adc counts]

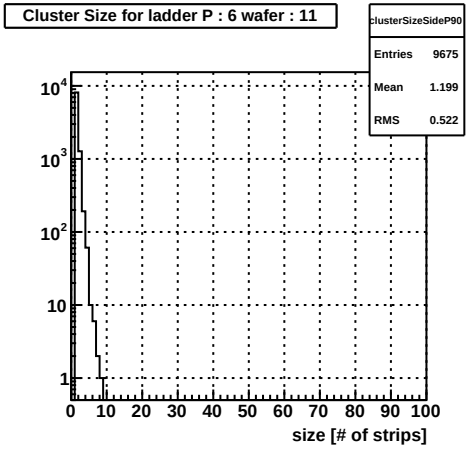

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 9390
Mean 1.305
RMS 0.6301
size [# of strips]

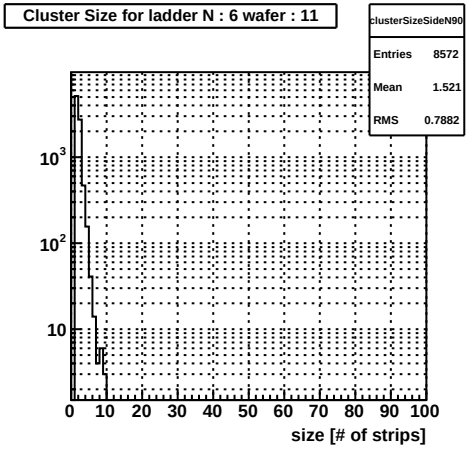

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 10437
Mean 1.532
RMS 0.8061
size [# of strips]

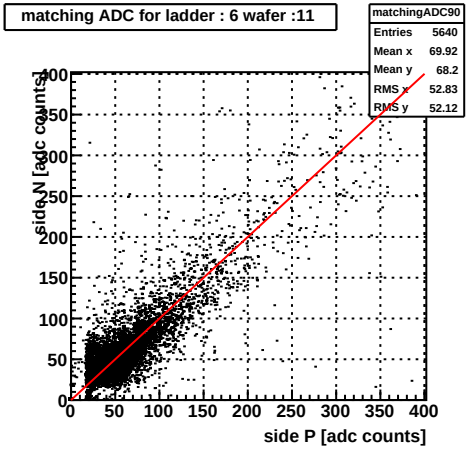

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 8100
Mean x 66.79
Mean y 70.93
RMS x 51.11
RMS y 52.06
side N [adc counts]
side P [adc counts]

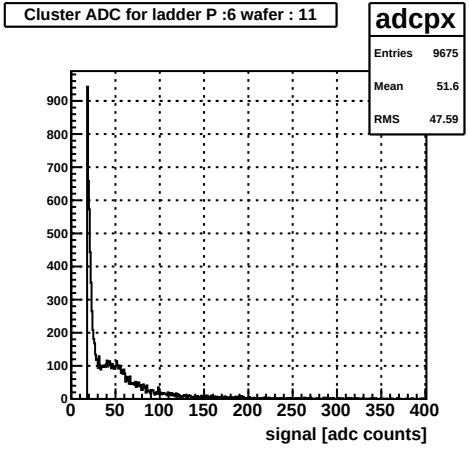

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 9390
Mean 66.81
RMS 54.3
signal [adc counts]

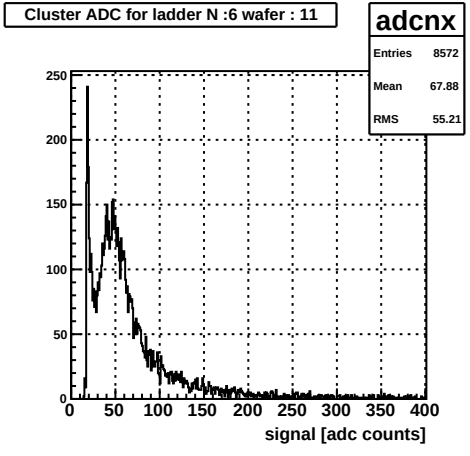

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 10437
Mean 64.95
RMS 53.3
signal [adc counts]

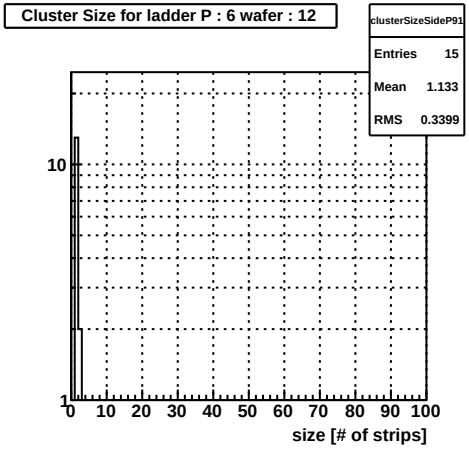

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 9675
Mean 1.199
RMS 0.522
size [# of strips]

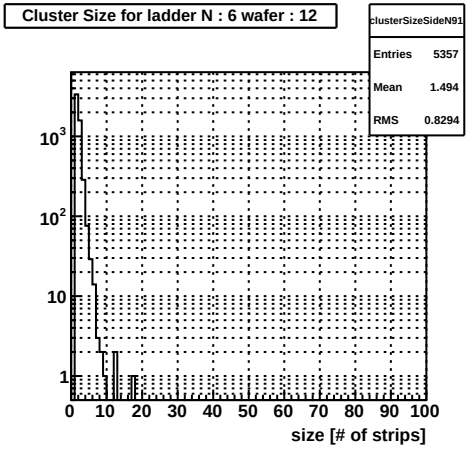

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 8572
Mean 1.521
RMS 0.7882
size [# of strips]

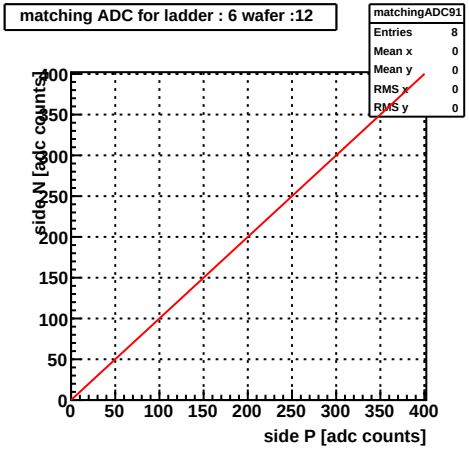

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 5640
Mean x 69.92
Mean y 68.2
RMS x 52.83
RMS y 52.12
side N [adc counts]
side P [adc counts]

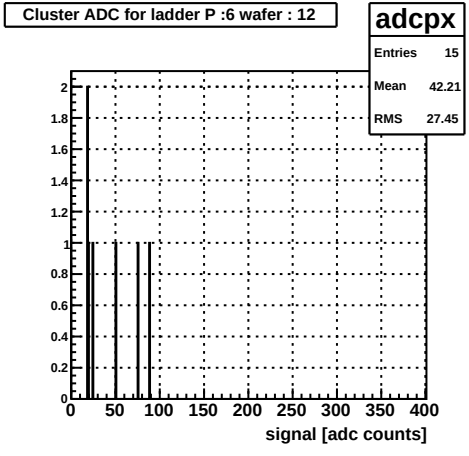

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 9675
Mean 51.6
RMS 47.59
signal [adc counts]

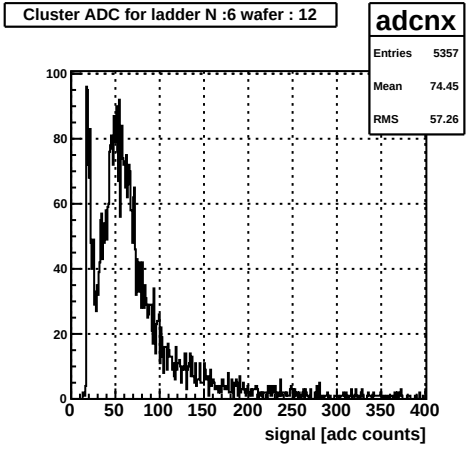

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 8572
Mean 67.88
RMS 55.21
signal [adc counts]

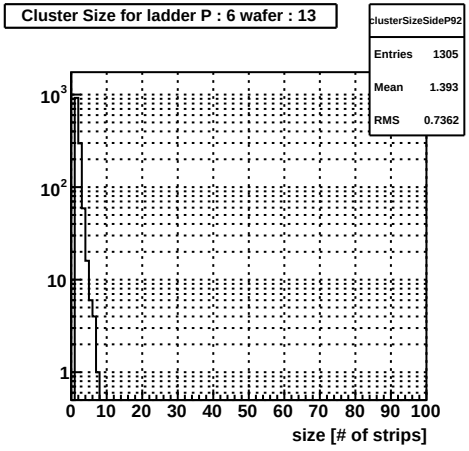

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 15
Mean 1.133
RMS 0.3399
size [# of strips]

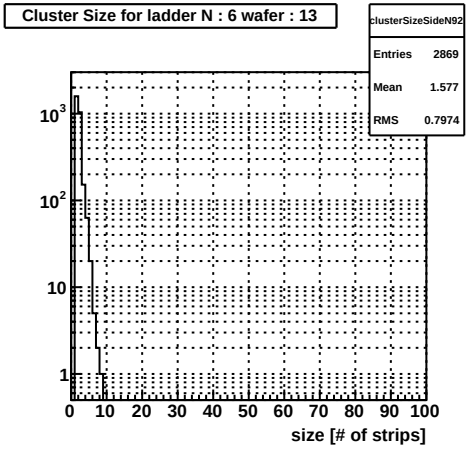

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 5357
Mean 1.494
RMS 0.8294
size [# of strips]

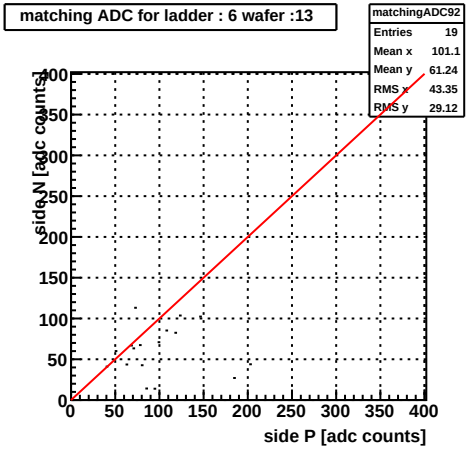

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

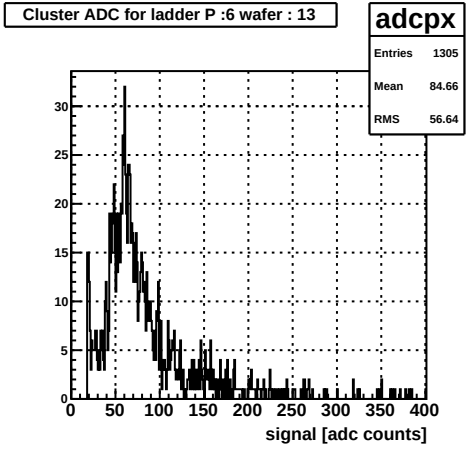

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 15
Mean 42.21
RMS 27.45
signal [adc counts]

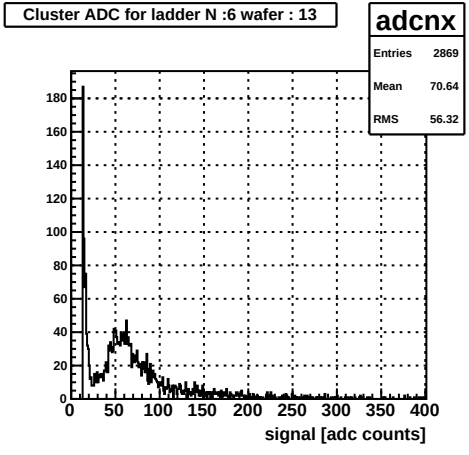

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 5357
Mean 74.45
RMS 57.26
signal [adc counts]

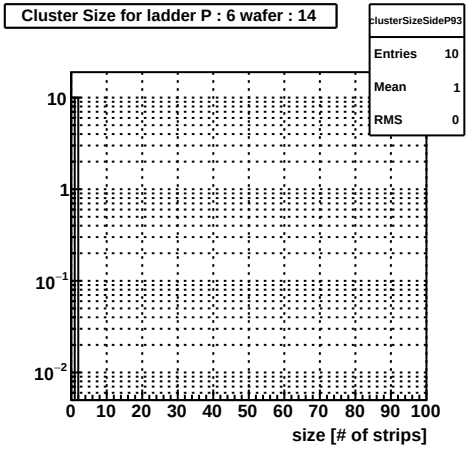

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1305
Mean 1.393
RMS 0.7362
size [# of strips]

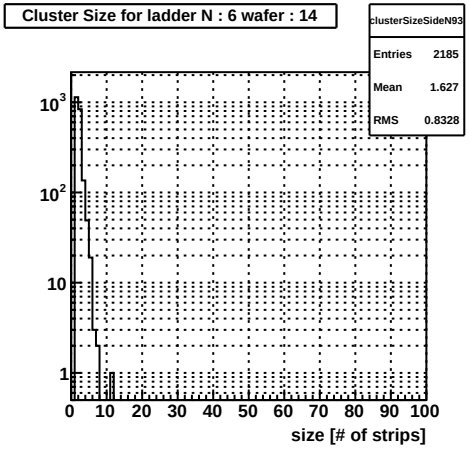

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 2869
Mean 1.577
RMS 0.7974
size [# of strips]

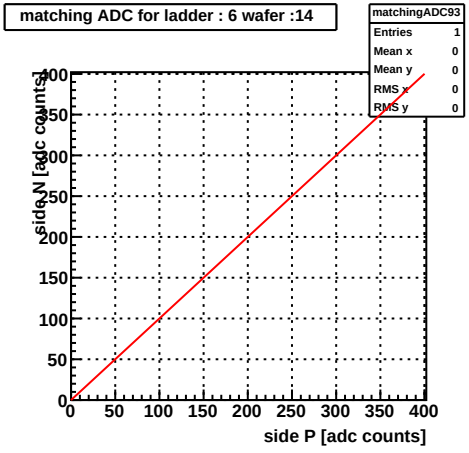

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 19
Mean x 101.1
Mean y 61.24
RMS x 43.35
RMS y 29.12
side N [adc counts]
side P [adc counts]

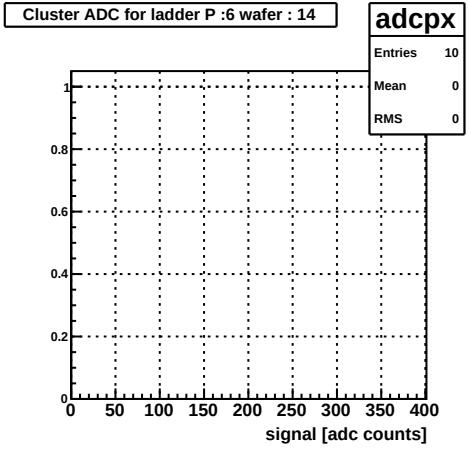

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1305
Mean 84.66
RMS 56.64
signal [adc counts]

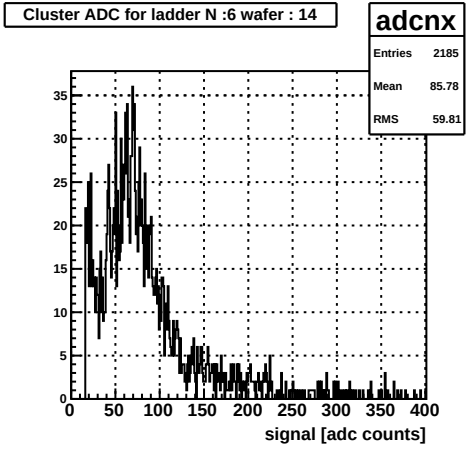

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 2869
Mean 70.64
RMS 56.32
signal [adc counts]

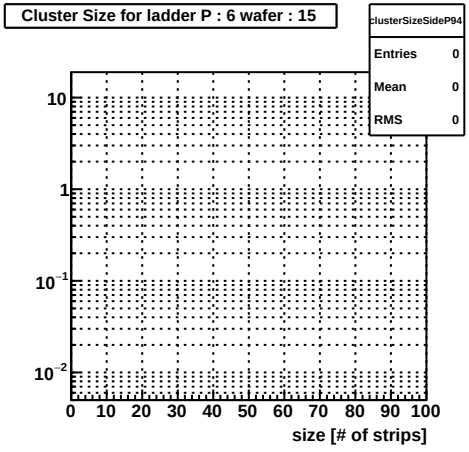

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 10
Mean 1
RMS 0
size [# of strips]

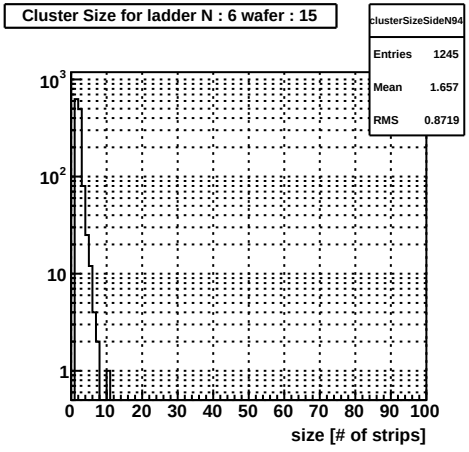

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 2185
Mean 1.627
RMS 0.8328
size [# of strips]

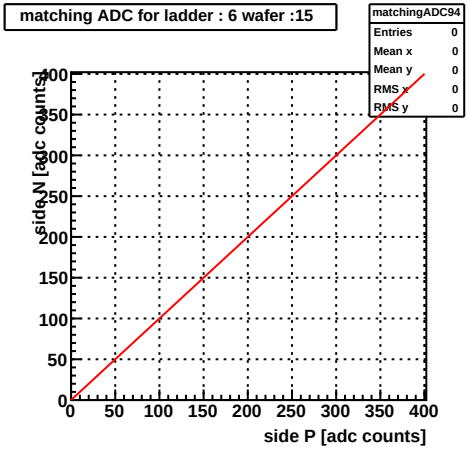

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

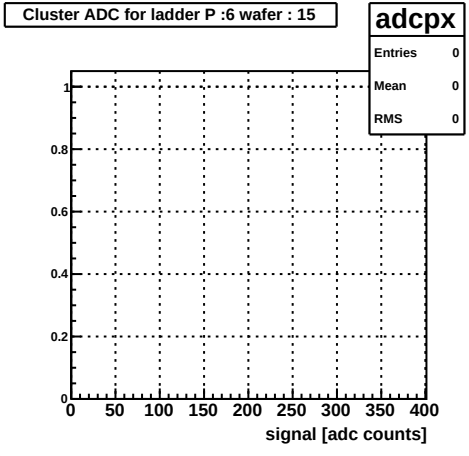

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

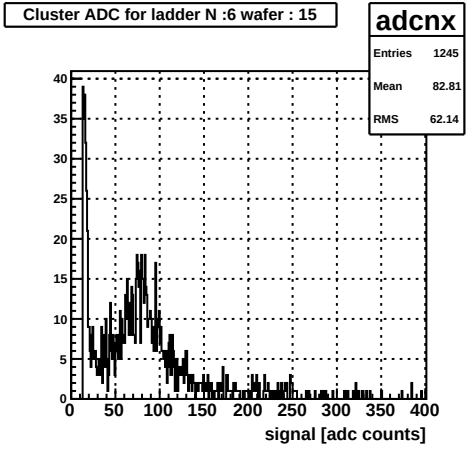

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 2185
Mean 85.78
RMS 59.81
signal [adc counts]

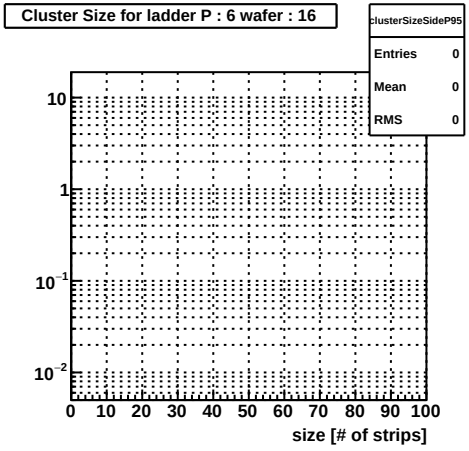

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

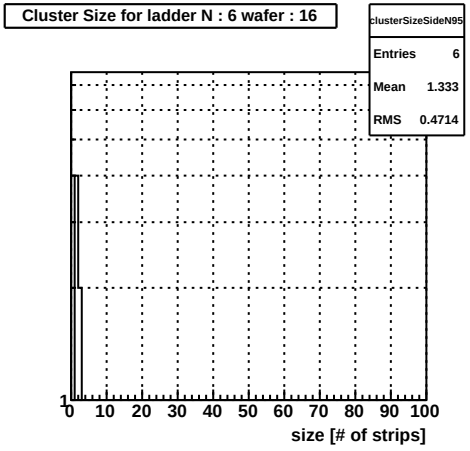

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 1245
Mean 1.657
RMS 0.8719
size [# of strips]

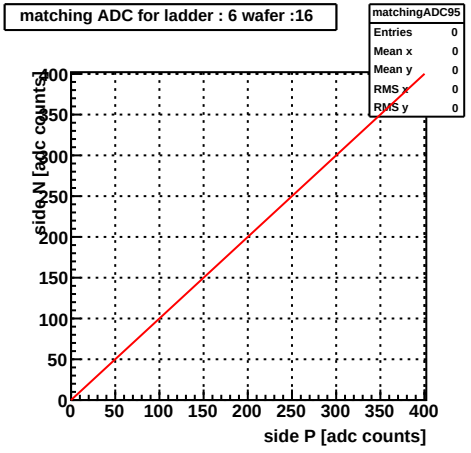

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

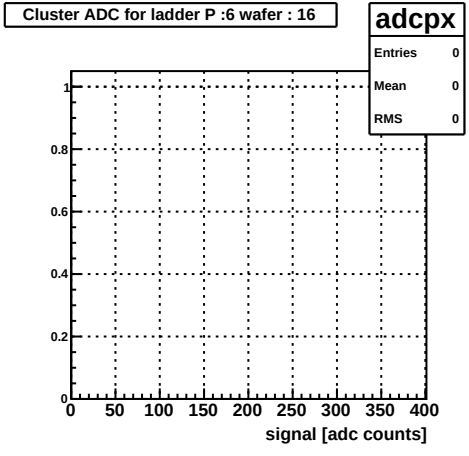

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

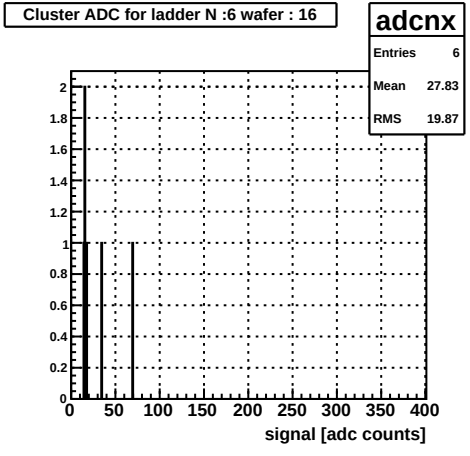

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 1245
Mean 82.81
RMS 62.14
signal [adc counts]

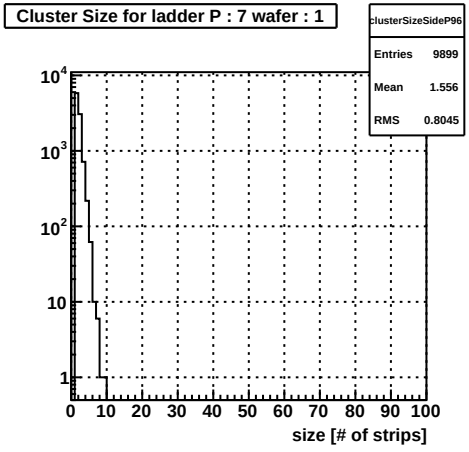

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

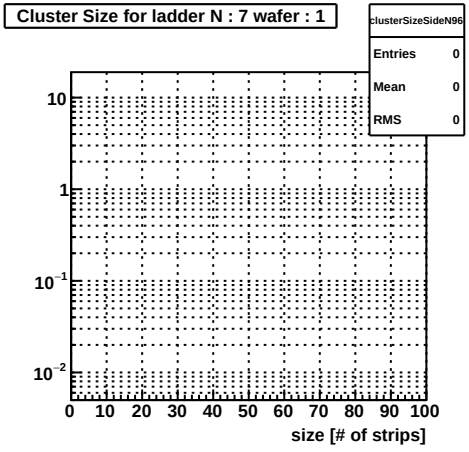

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 6
Mean 1.333
RMS 0.4714
size [# of strips]

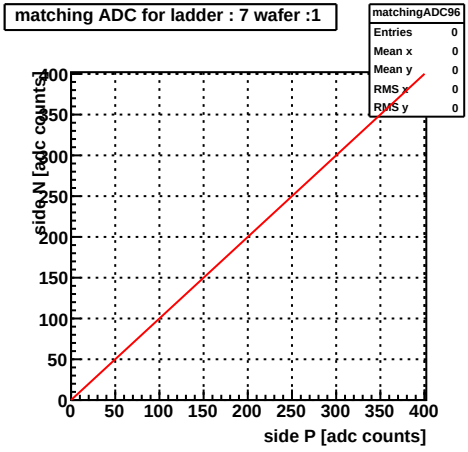

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

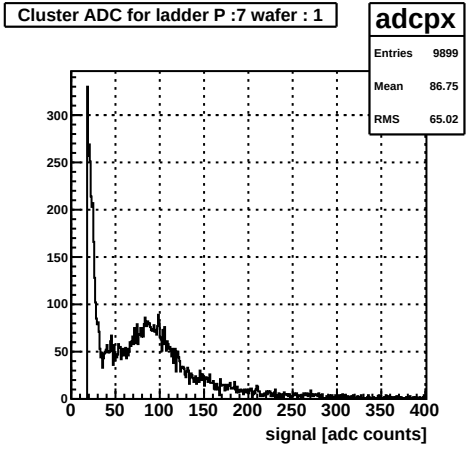

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

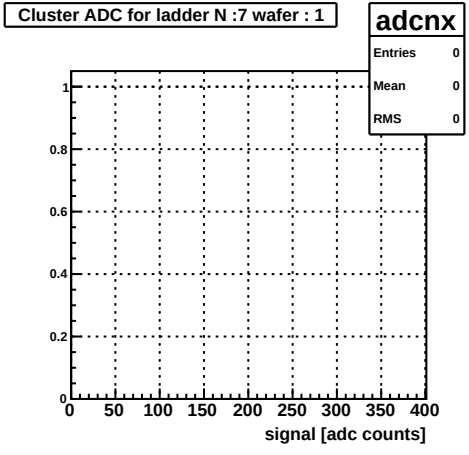

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 6
Mean 27.83
RMS 19.87
signal [adc counts]

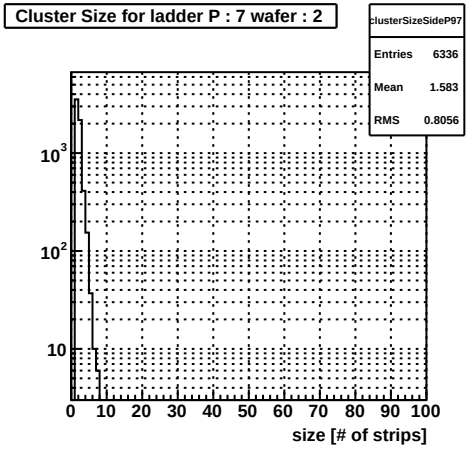

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9899
Mean 1.556
RMS 0.8045
size [# of strips]

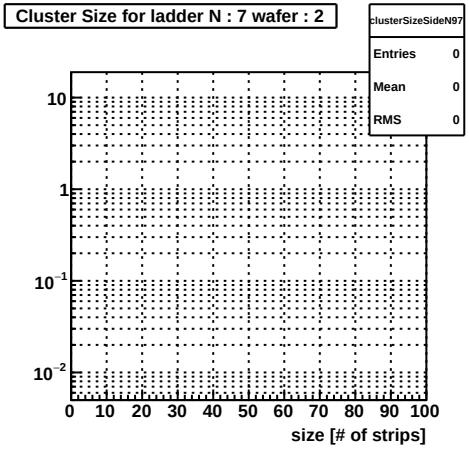

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

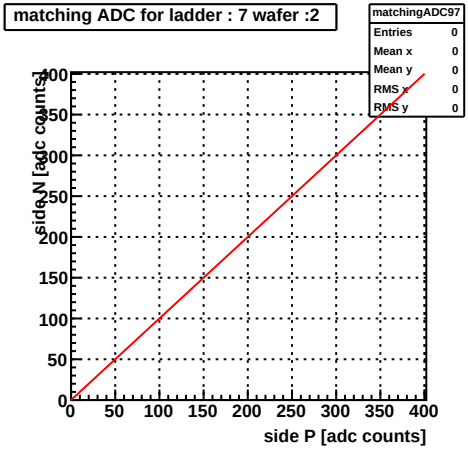

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

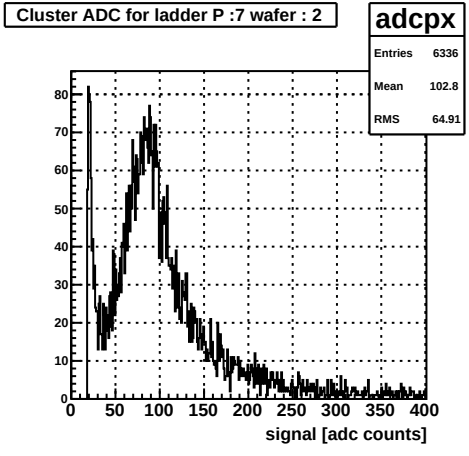

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9899
Mean 86.75
RMS 65.02
signal [adc counts]

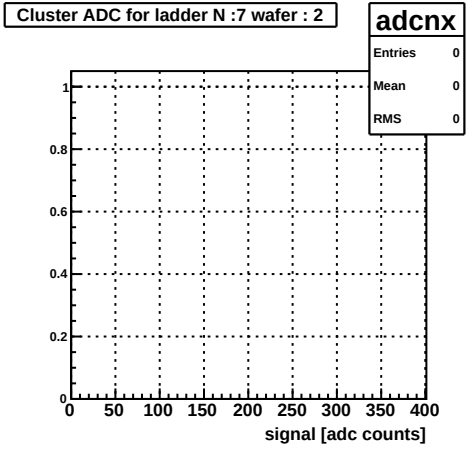

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

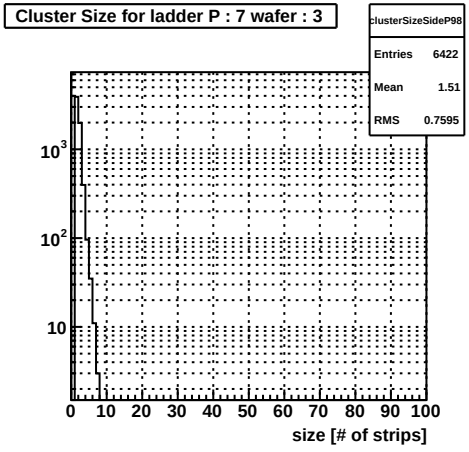

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 6336
Mean 1.583
RMS 0.8056
size [# of strips]

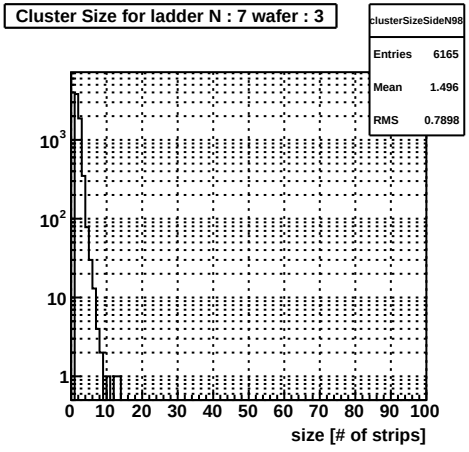

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

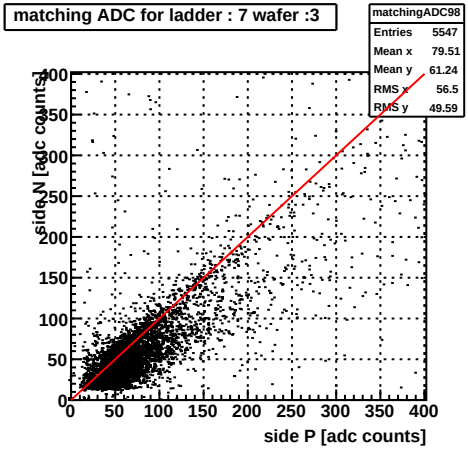

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

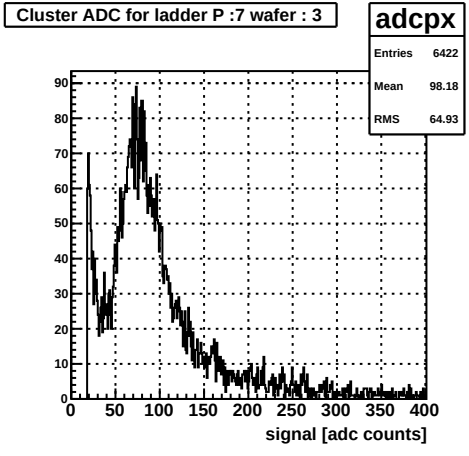

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 6336
Mean 102.8
RMS 64.91
signal [adc counts]

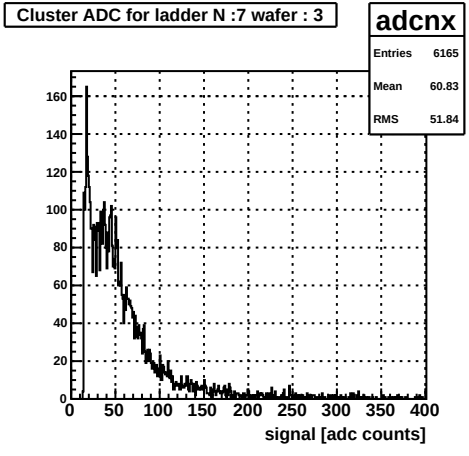

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

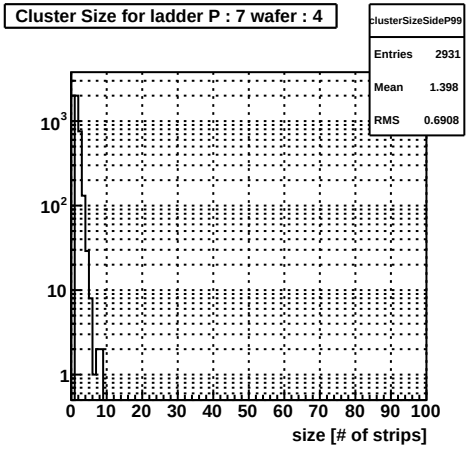

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6422
Mean 1.51
RMS 0.7595
size [# of strips]

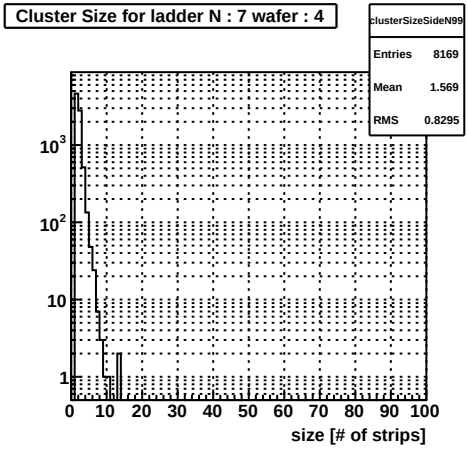

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 6165
Mean 1.496
RMS 0.7898
size [# of strips]

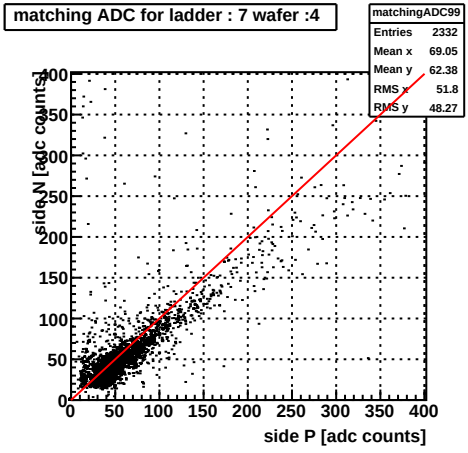

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 5547
Mean x 79.51
Mean y 61.24
RMS x 56.5
RMS y 49.59
side N [adc counts]
side P [adc counts]

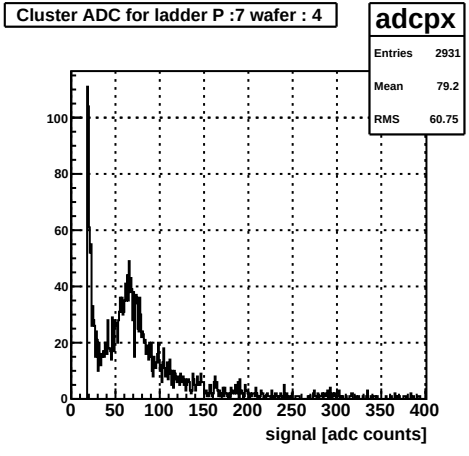

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6422
Mean 98.18
RMS 64.93
signal [adc counts]

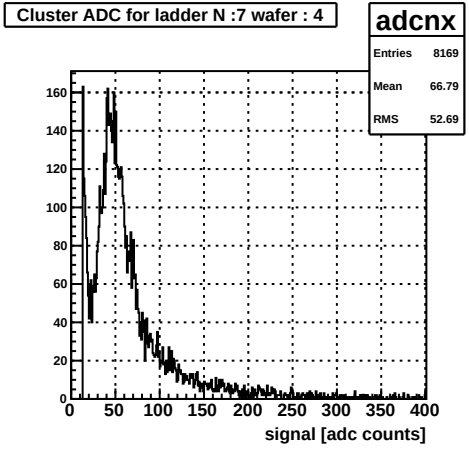

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 6165
Mean 60.83
RMS 51.84
signal [adc counts]

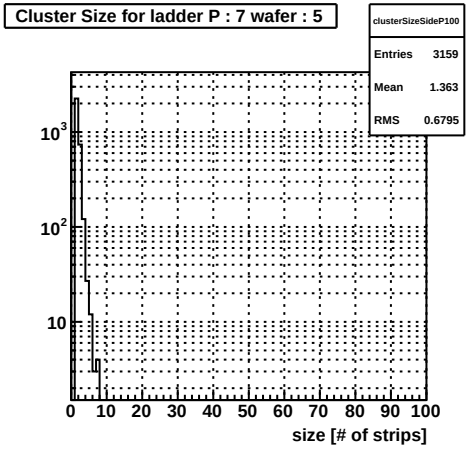

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2931
Mean 1.398
RMS 0.6908
size [# of strips]

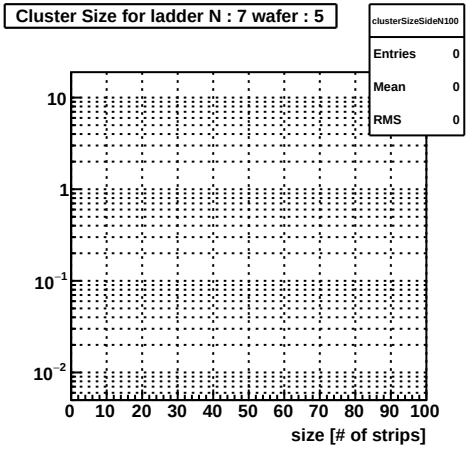

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 8169
Mean 1.569
RMS 0.8295
size [# of strips]

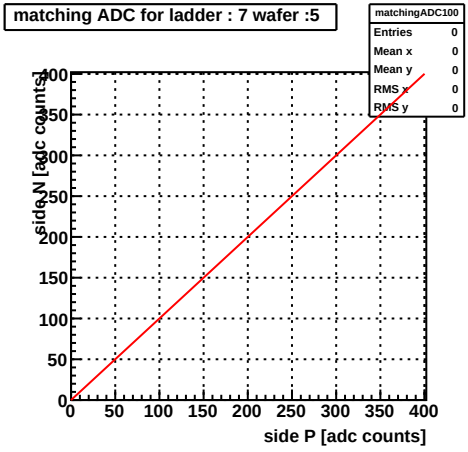

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2332
Mean x 69.05
Mean y 62.38
RMS x 51.8
RMS y 48.27
side N [adc counts]
side P [adc counts]

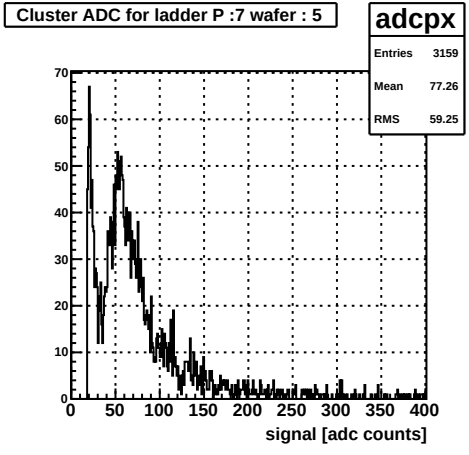

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2931
Mean 79.2
RMS 60.75
signal [adc counts]

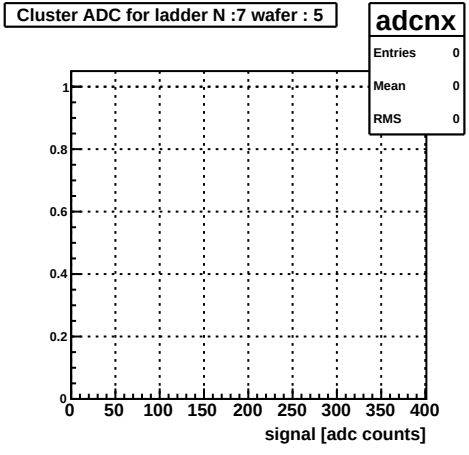

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 8169
Mean 66.79
RMS 52.69
signal [adc counts]

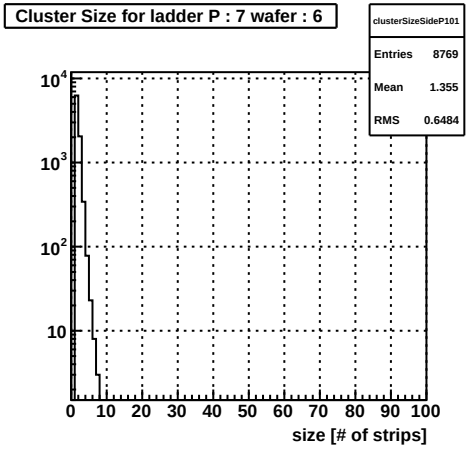

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 3159
Mean 1.363
RMS 0.6795
size [# of strips]

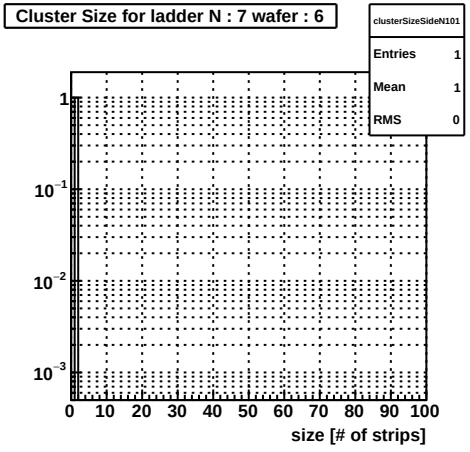

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

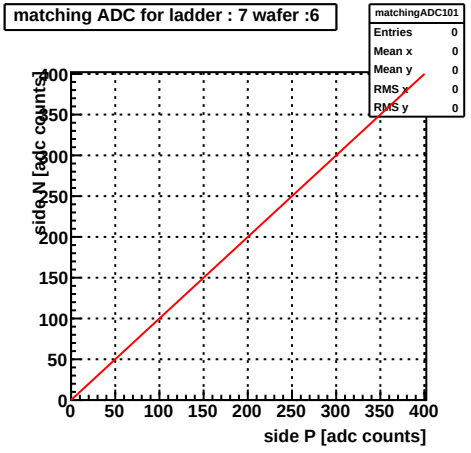

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

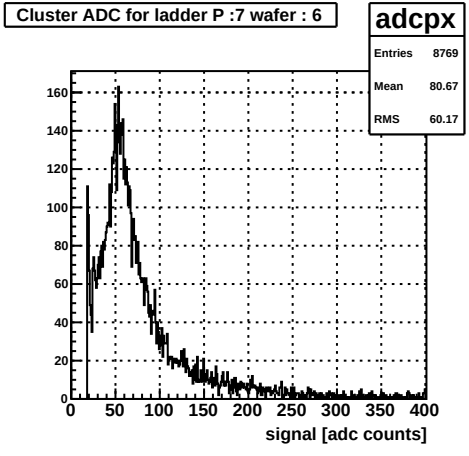

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 3159
Mean 77.26
RMS 59.25
signal [adc counts]

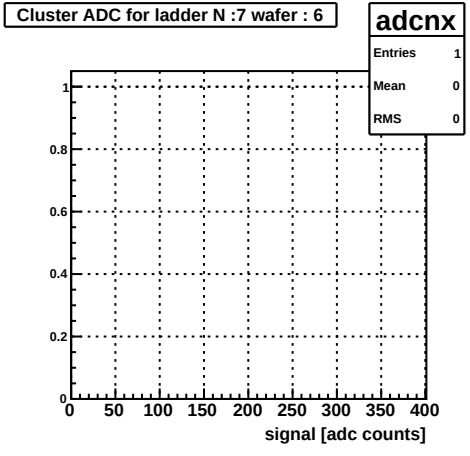

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

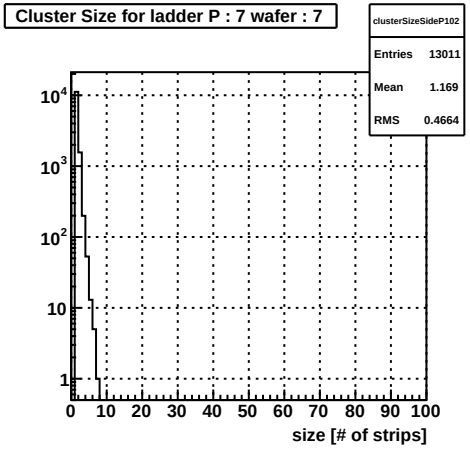

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 8769
Mean 1.355
RMS 0.6484
size [# of strips]

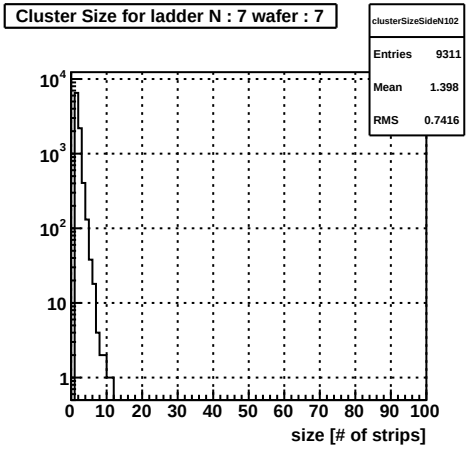

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 1
Mean 1
RMS 0
size [# of strips]

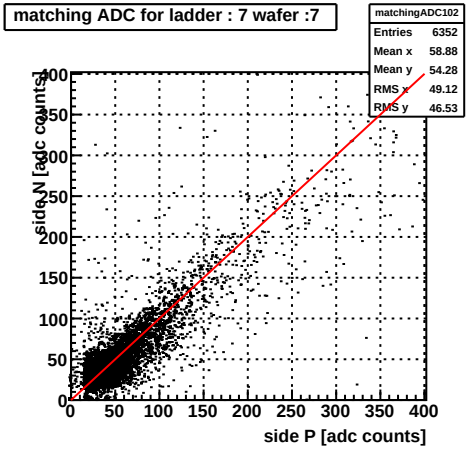

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

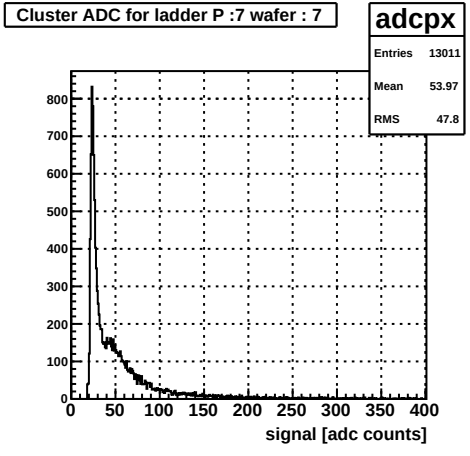

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 8769
Mean 80.67
RMS 60.17
signal [adc counts]

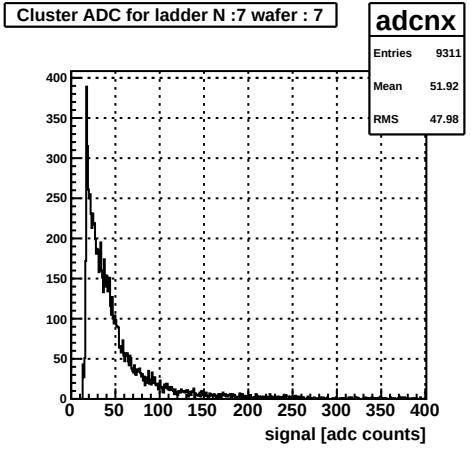

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

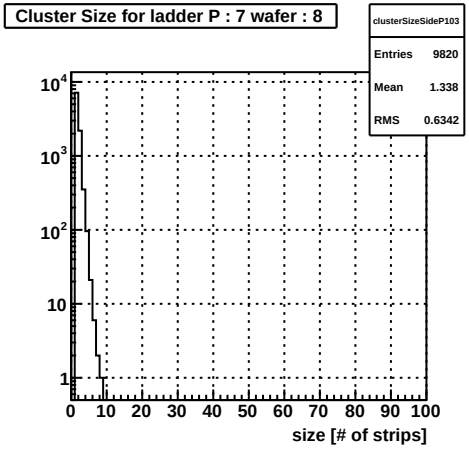

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13011
Mean 1.169
RMS 0.4664
size [# of strips]

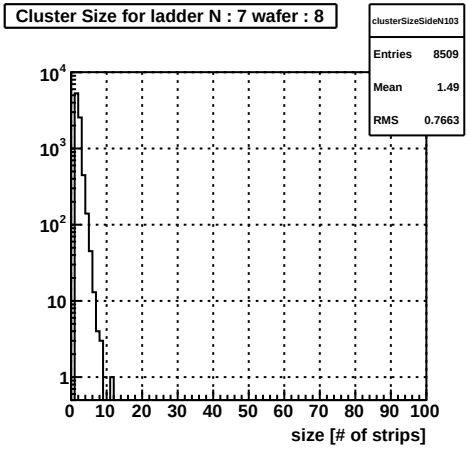

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 9311
Mean 1.398
RMS 0.7416
size [# of strips]

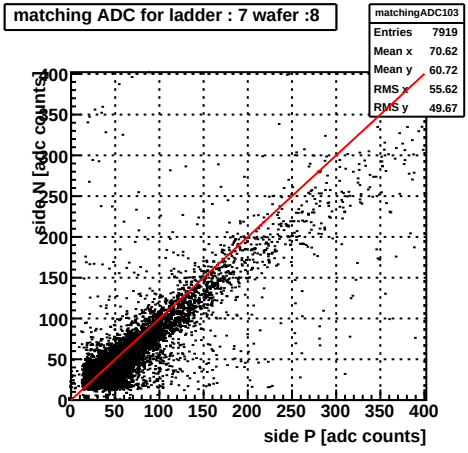

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 6352
Mean x 58.88
Mean y 54.28
RMS x 49.12
RMS y 46.53
side N [adc counts]
side P [adc counts]

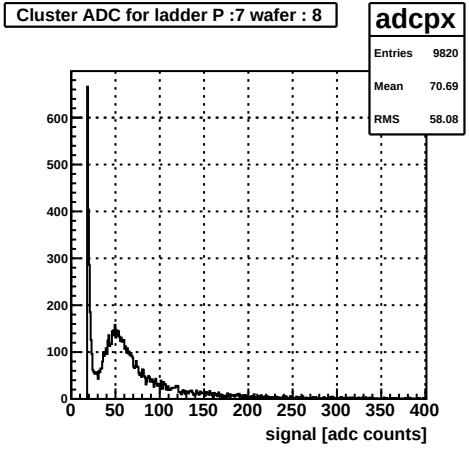

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13011
Mean 53.97
RMS 47.8
signal [adc counts]

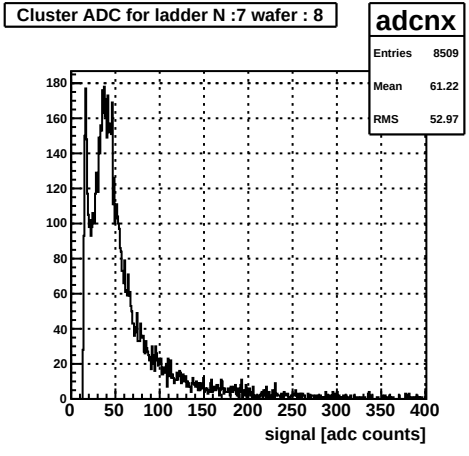

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 9311
Mean 51.92
RMS 47.98
signal [adc counts]

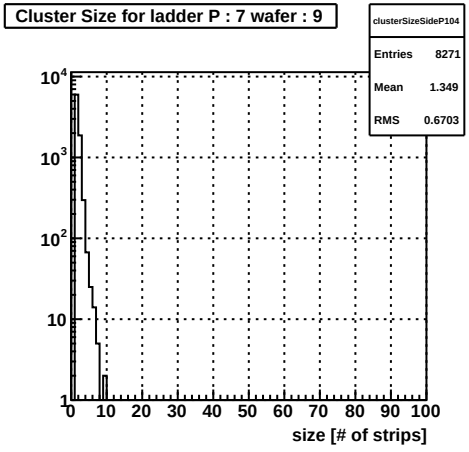

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 9820
Mean 1.338
RMS 0.6342
size [# of strips]

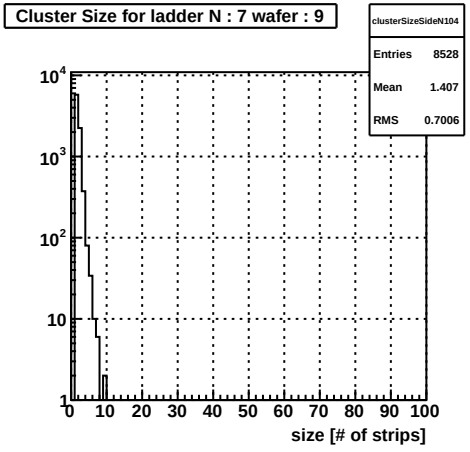

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 8509
Mean 1.49
RMS 0.7663
size [# of strips]

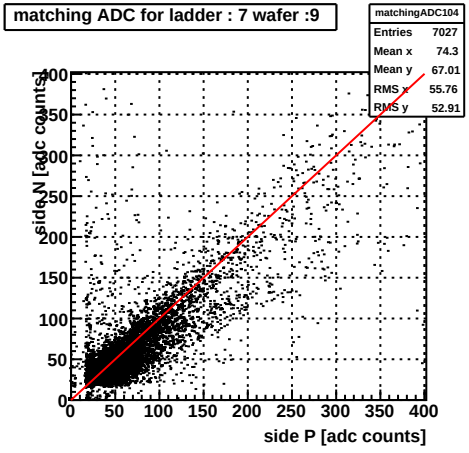

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 7919
Mean x 70.62
Mean y 60.72
RMS x 55.62
RMS y 49.67
side N [adc counts]
side P [adc counts]

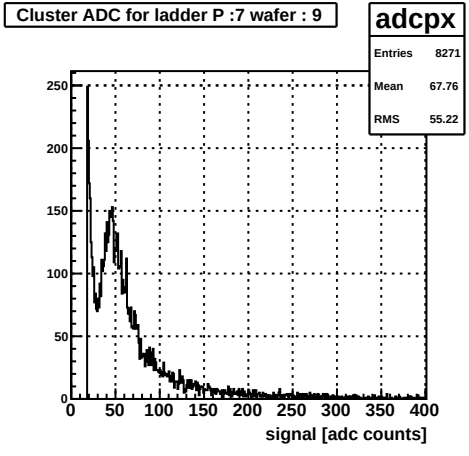

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 9820
Mean 70.69
RMS 58.08
signal [adc counts]

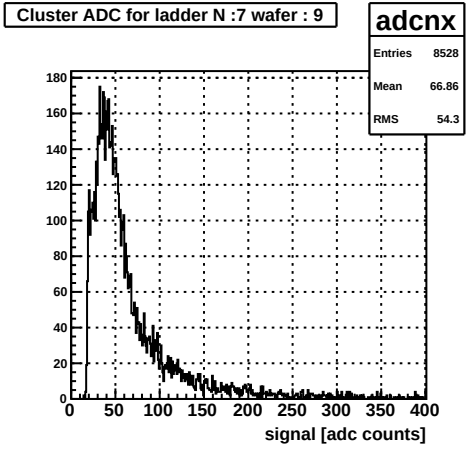

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 8509
Mean 61.22
RMS 52.97
signal [adc counts]

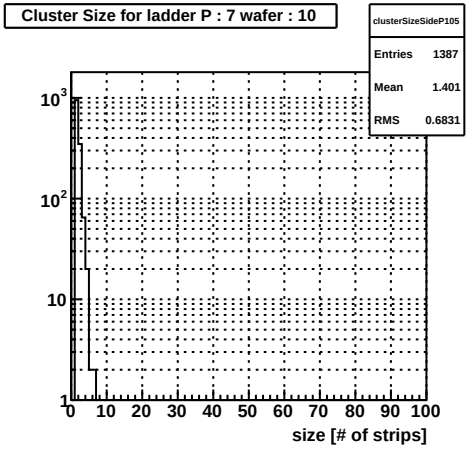

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 8271
Mean 1.349
RMS 0.6703
size [# of strips]

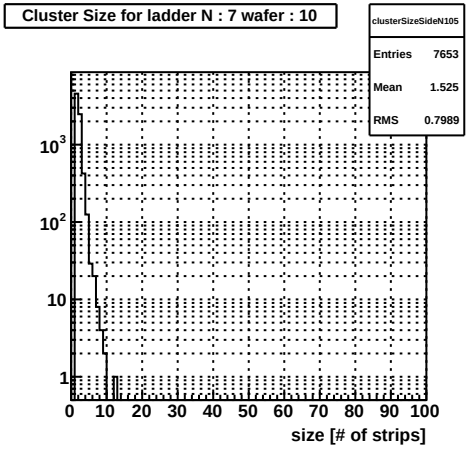

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 8528
Mean 1.407
RMS 0.7006
size [# of strips]

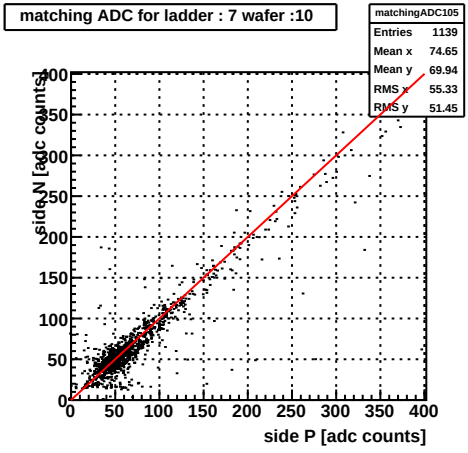

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 7027
Mean x 74.3
Mean y 67.01
RMS x 55.76
RMS y 52.91
side N [adc counts]
side P [adc counts]

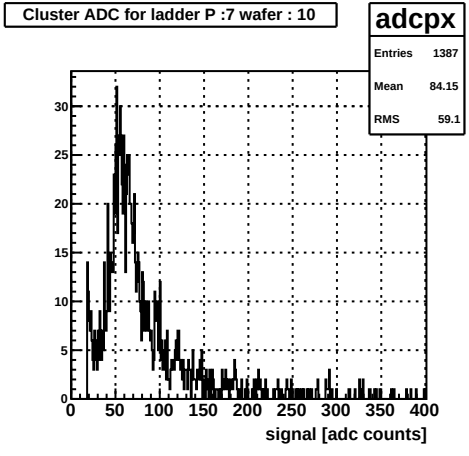

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 8271
Mean 67.76
RMS 55.22
signal [adc counts]

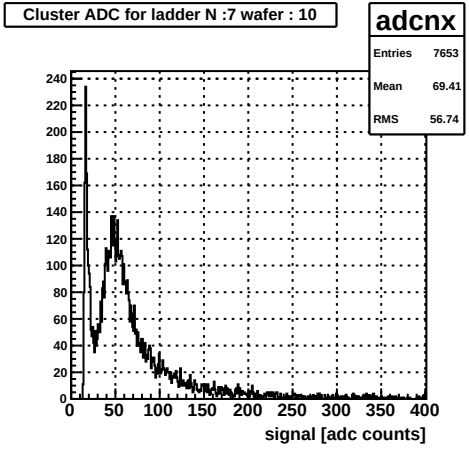

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 8528
Mean 66.86
RMS 54.3
signal [adc counts]

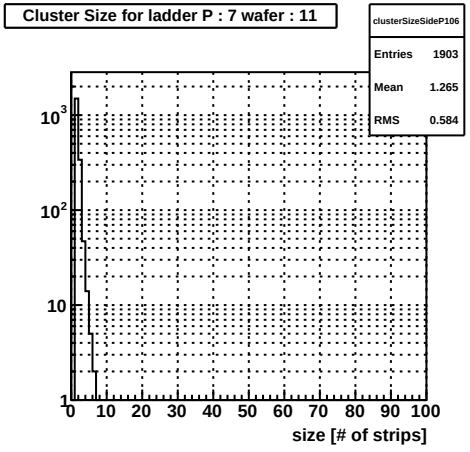

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1387
Mean 1.401
RMS 0.6831
size [# of strips]

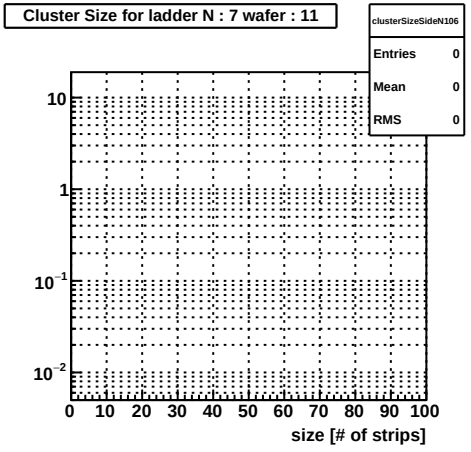

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 7653
Mean 1.525
RMS 0.7989
size [# of strips]

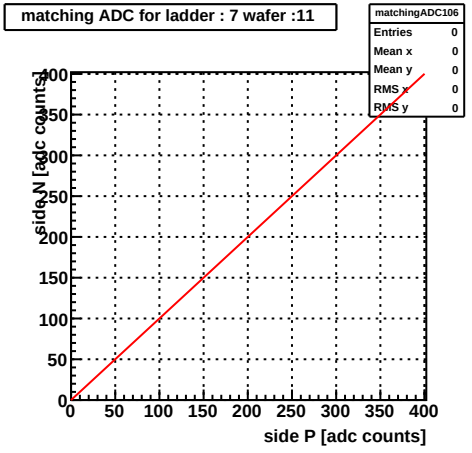

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1139
Mean x 74.65
Mean y 69.94
RMS x 55.33
RMS y 51.45
side N [adc counts]
side P [adc counts]

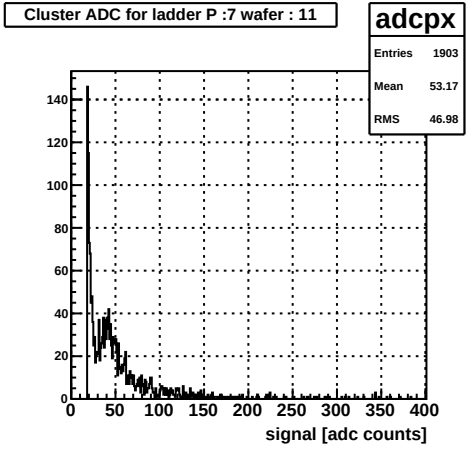

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1387
Mean 84.15
RMS 59.1
signal [adc counts]

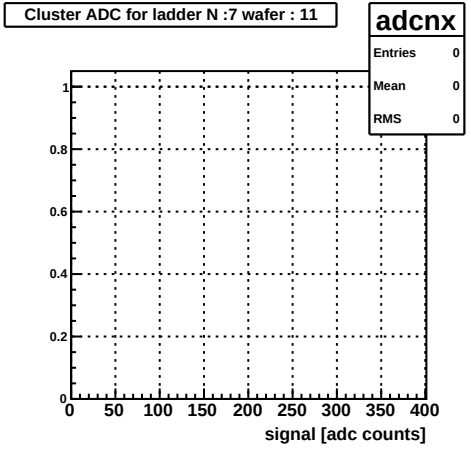

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 7653
Mean 69.41
RMS 56.74
signal [adc counts]

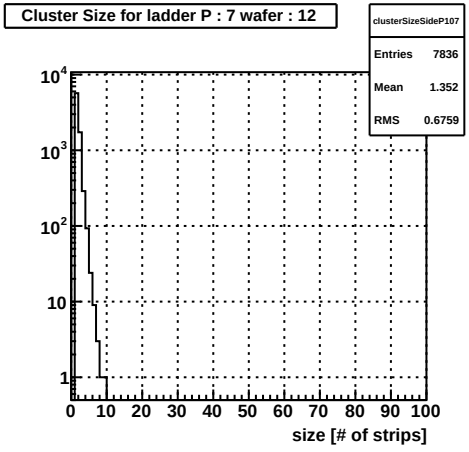

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 1903
Mean 1.265
RMS 0.584
size [# of strips]

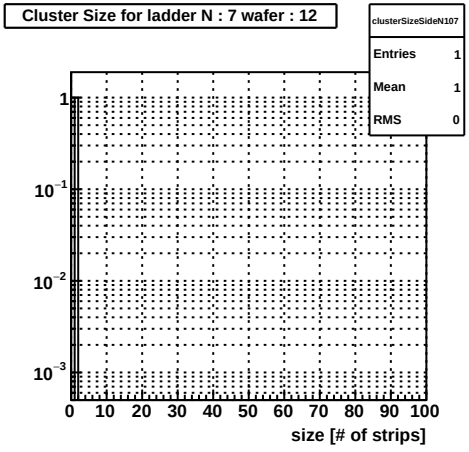

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 0
Mean 0
RMS 0
size [# of strips]

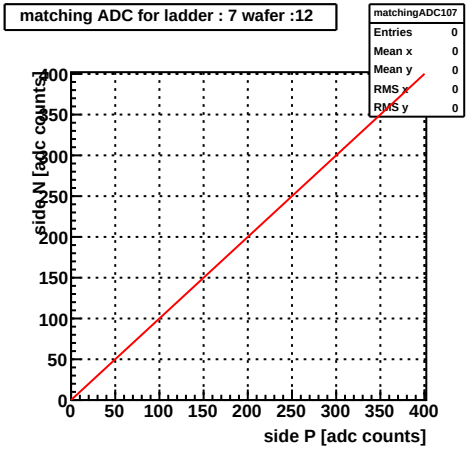

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

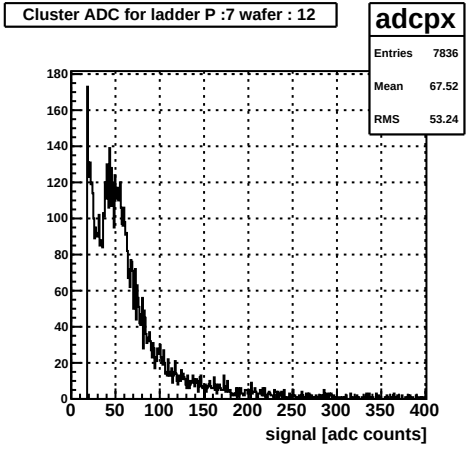

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 1903
Mean 53.17
RMS 46.98
signal [adc counts]

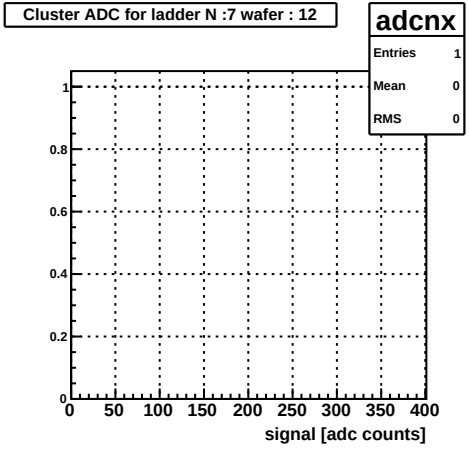

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

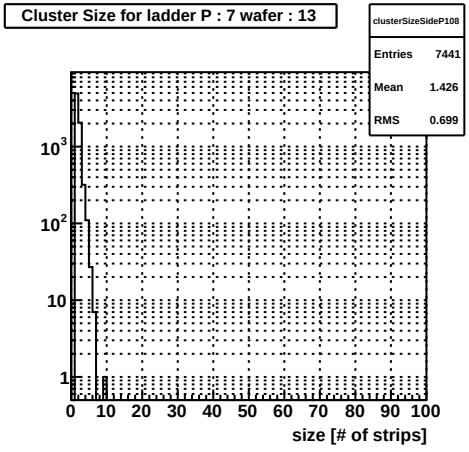

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 7836
Mean 1.352
RMS 0.6759
size [# of strips]

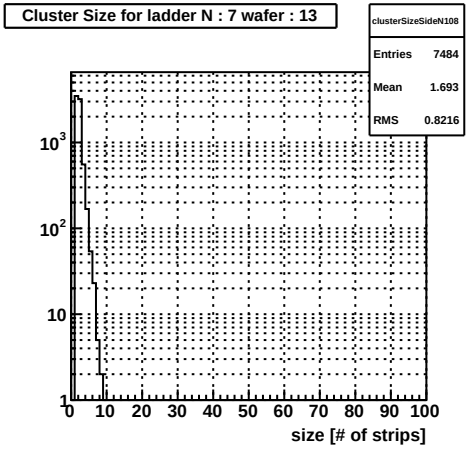

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1
Mean 1
RMS 0
size [# of strips]

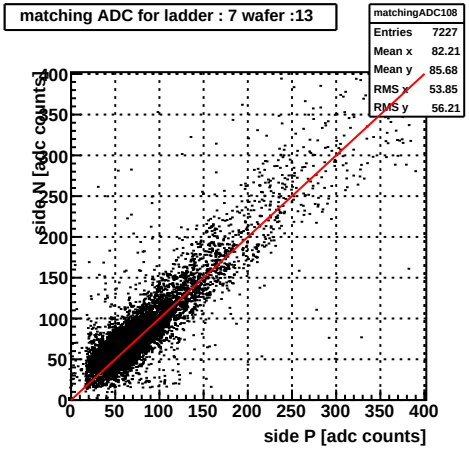

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

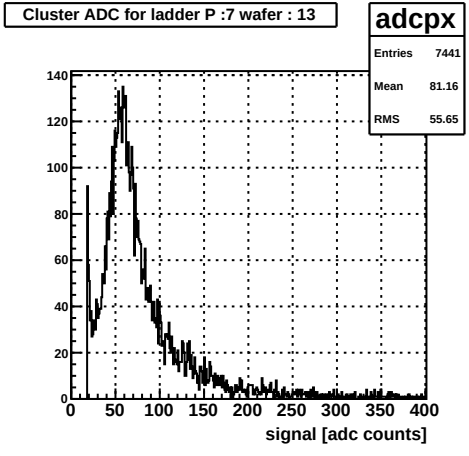

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 7836
Mean 67.52
RMS 53.24
signal [adc counts]

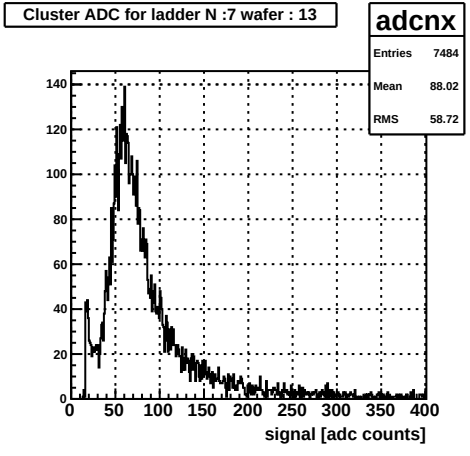

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

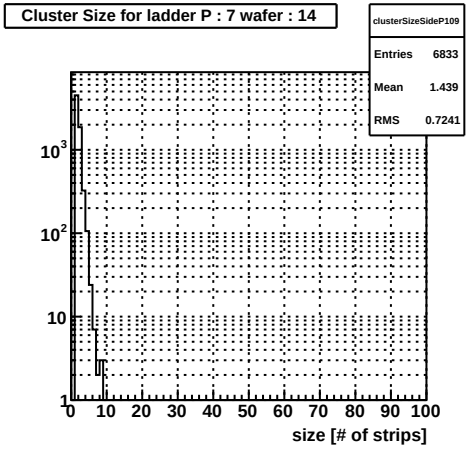

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 7441
Mean 1.426
RMS 0.699
size [# of strips]

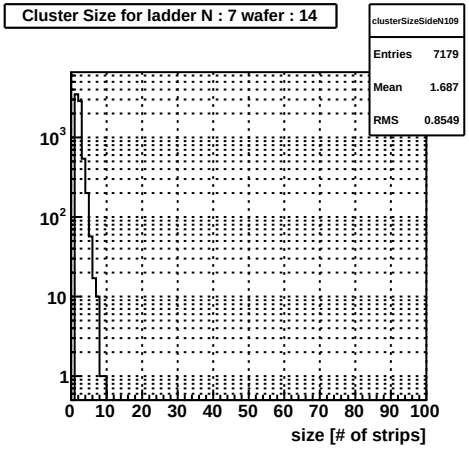

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 7484
Mean 1.693
RMS 0.8216
size [# of strips]

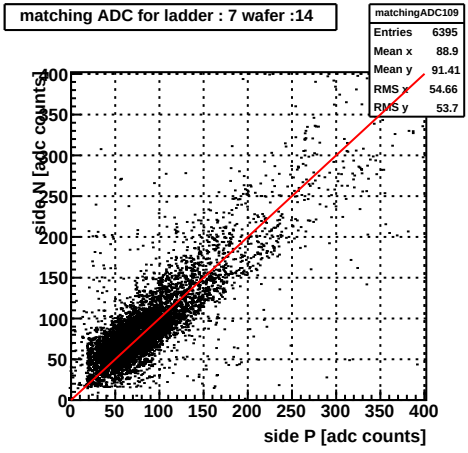

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 7227
Mean x 82.21
Mean y 85.68
RMS x 53.85
RMS y 56.21
side N [adc counts]
side P [adc counts]

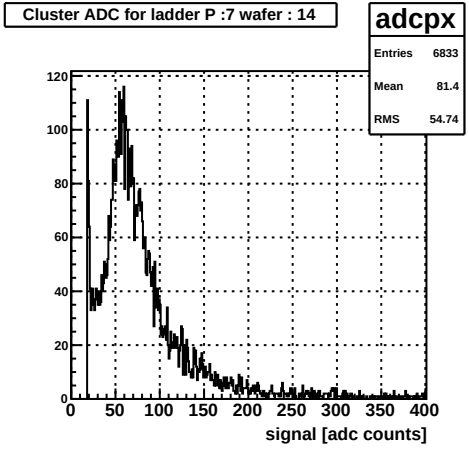

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 7441
Mean 81.16
RMS 55.65
signal [adc counts]

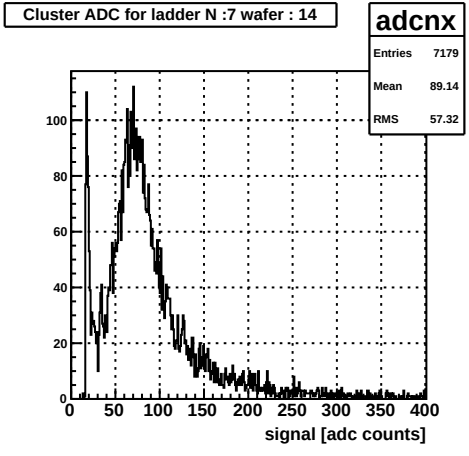

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 7484
Mean 88.02
RMS 58.72
signal [adc counts]

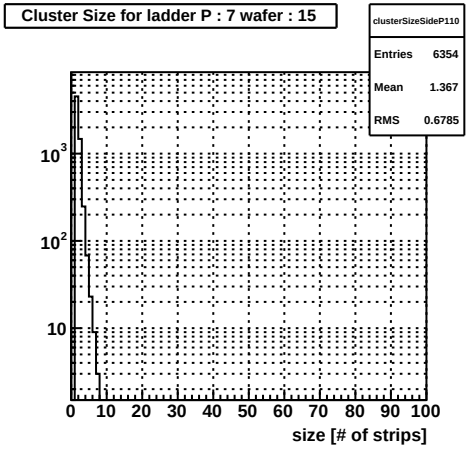

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 6833
Mean 1.439
RMS 0.7241
size [# of strips]

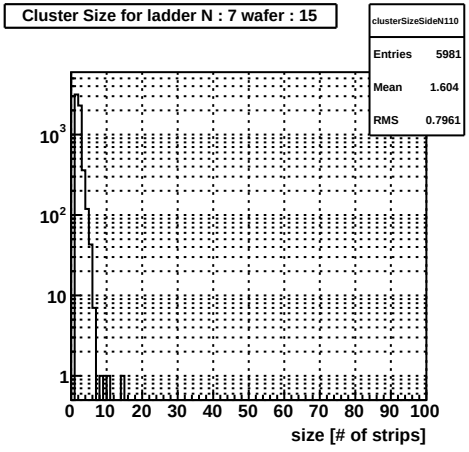

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 7179
Mean 1.687
RMS 0.8549
size [# of strips]

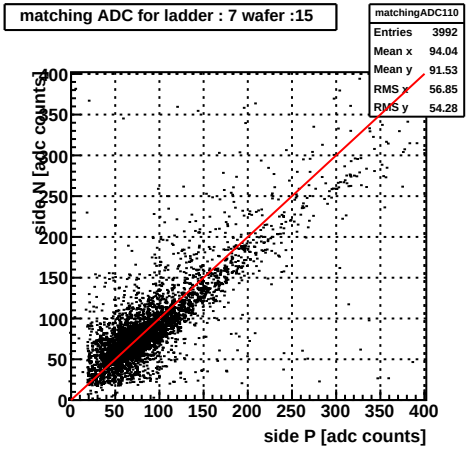

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 6395
Mean x 88.9
Mean y 91.41
RMS x 54.66
RMS y 53.7
side N [adc counts]
side P [adc counts]

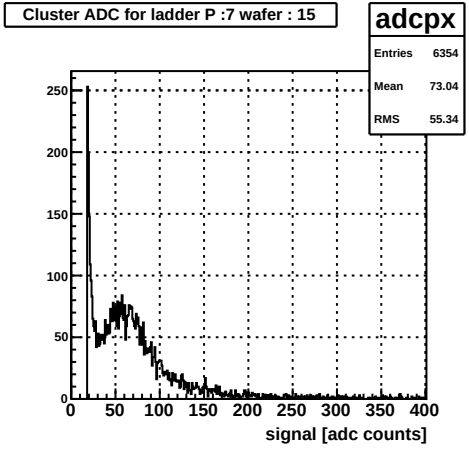

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 6833
Mean 81.4
RMS 54.74
signal [adc counts]

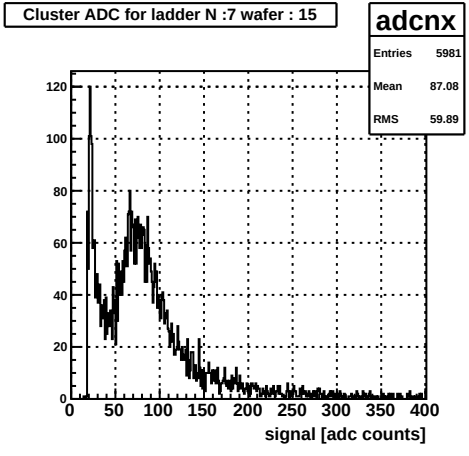

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 7179
Mean 89.14
RMS 57.32
signal [adc counts]

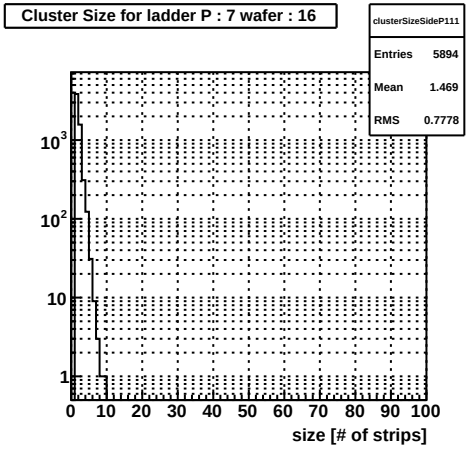

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 6354
Mean 1.367
RMS 0.6785
size [# of strips]

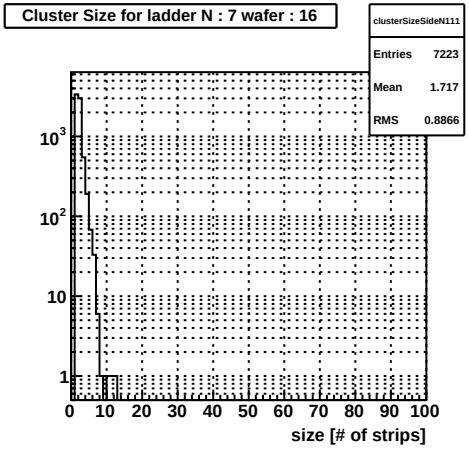

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 5981
Mean 1.604
RMS 0.7961
size [# of strips]

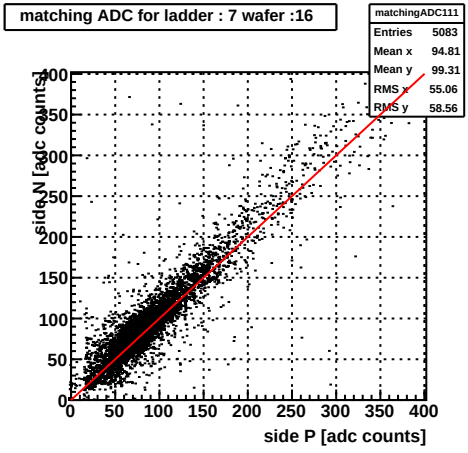

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 3992
Mean x 94.04
Mean y 91.53
RMS x 56.85
RMS y 54.28
side N [adc counts]
side P [adc counts]

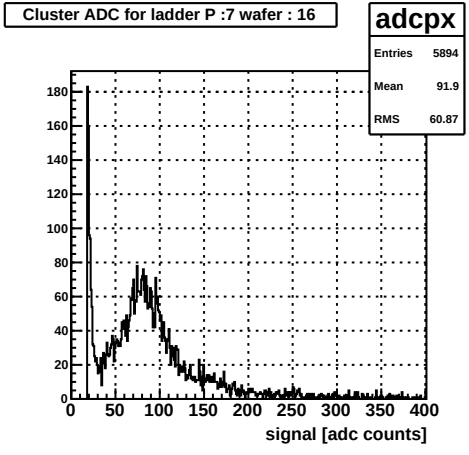

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 6354
Mean 73.04
RMS 55.34
signal [adc counts]

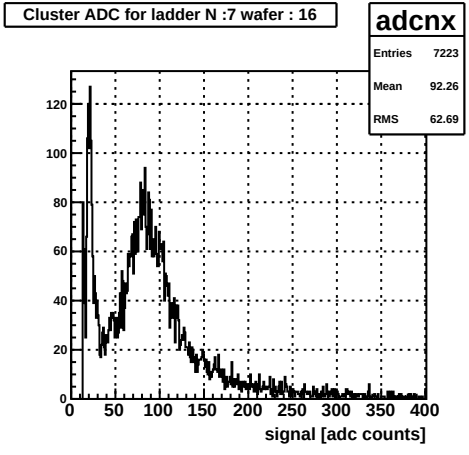

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 5981
Mean 87.08
RMS 59.89
signal [adc counts]

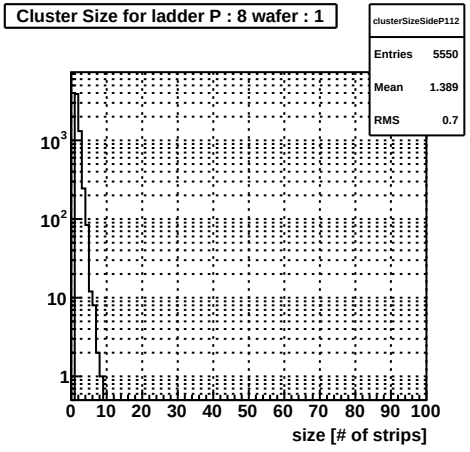

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 5894
Mean 1.469
RMS 0.7778
size [# of strips]

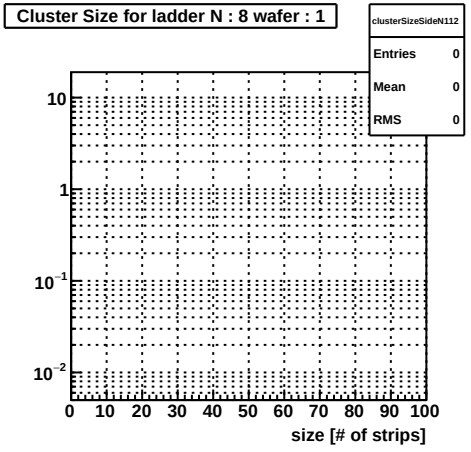

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 7223
Mean 1.717
RMS 0.8866
size [# of strips]

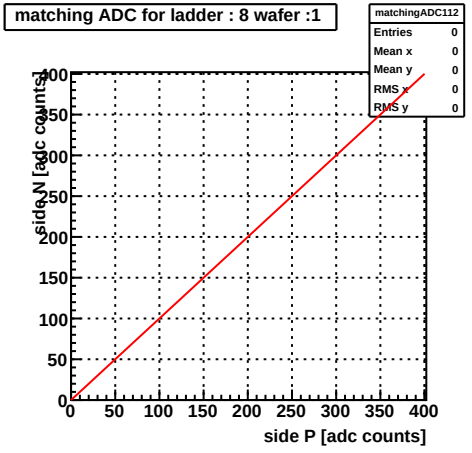

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 5083
Mean x 94.81
Mean y 99.31
RMS x 55.06
RMS y 58.56
side N [adc counts]
side P [adc counts]

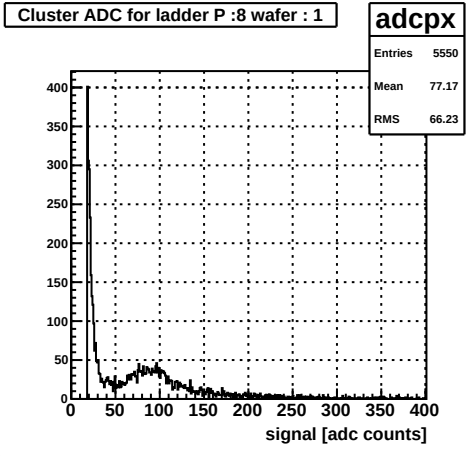

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 5894
Mean 91.9
RMS 60.87
signal [adc counts]

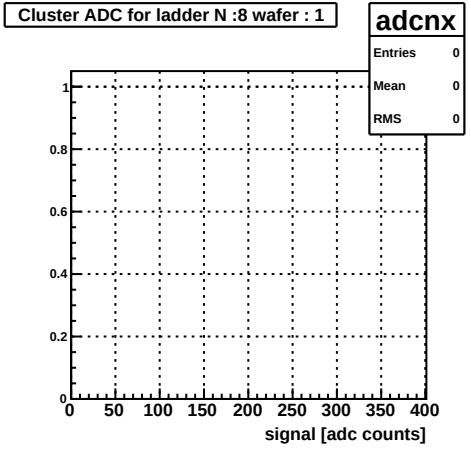

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 7223
Mean 92.26
RMS 62.69
signal [adc counts]

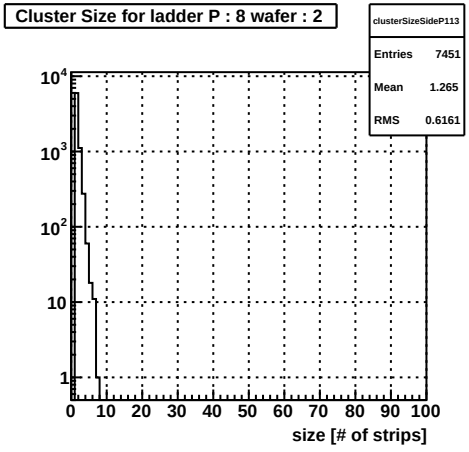

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 5550
Mean 1.389
RMS 0.7
size [# of strips]

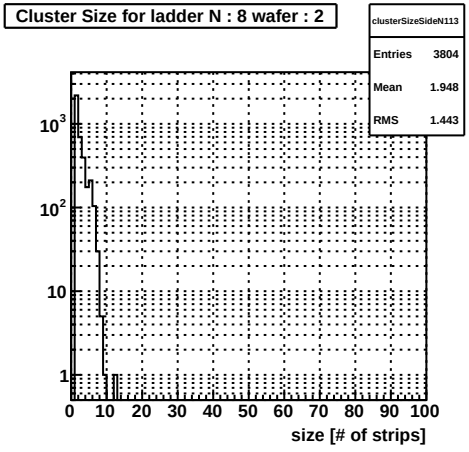

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

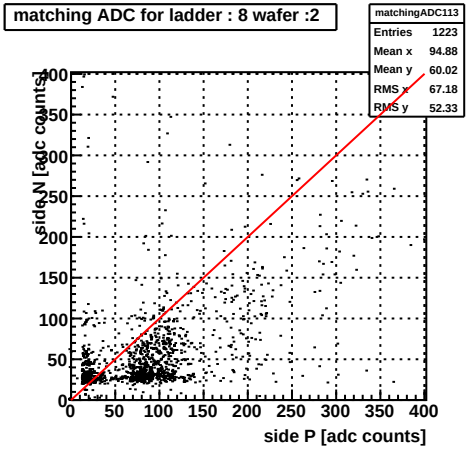

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

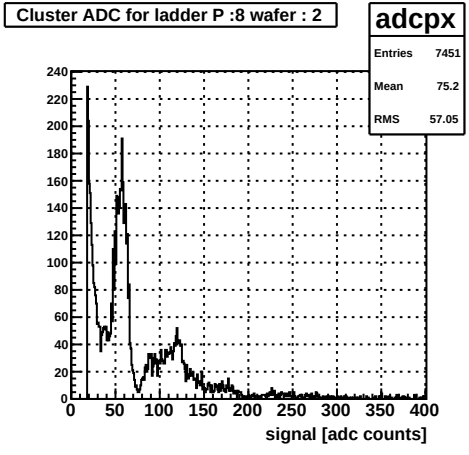

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 5550
Mean 77.17
RMS 66.23
signal [adc counts]

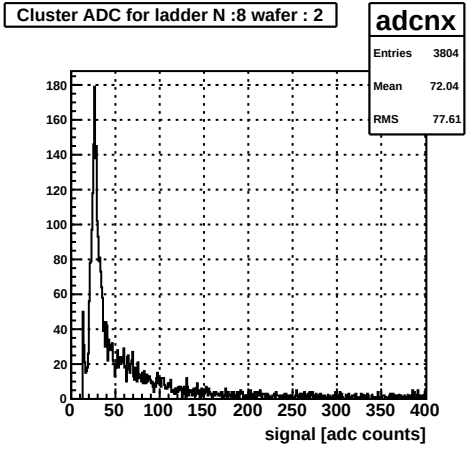

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

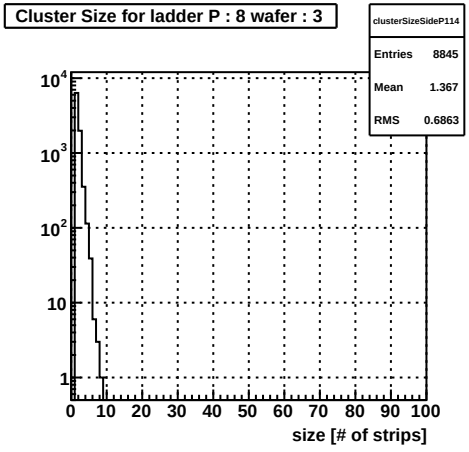

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7451
Mean 1.265
RMS 0.6161
size [# of strips]

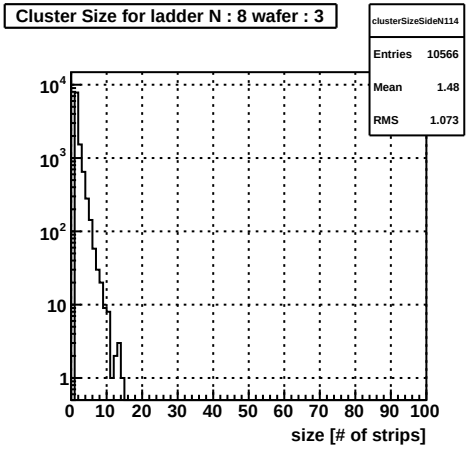

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 3804
Mean 1.948
RMS 1.443
size [# of strips]

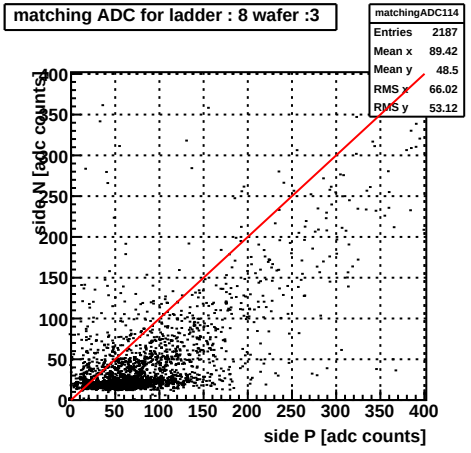

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 1223
Mean x 94.88
Mean y 60.02
RMS x 67.18
RMS y 52.33
side N [adc counts]
side P [adc counts]

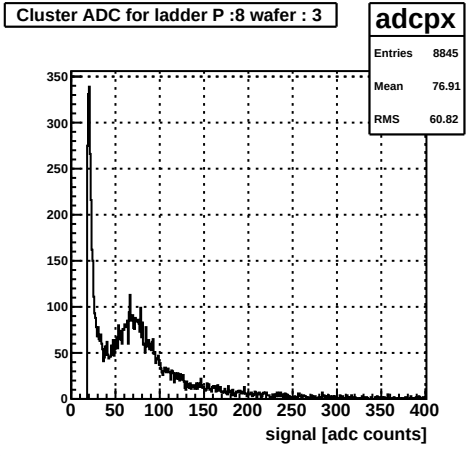

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7451
Mean 75.2
RMS 57.05
signal [adc counts]

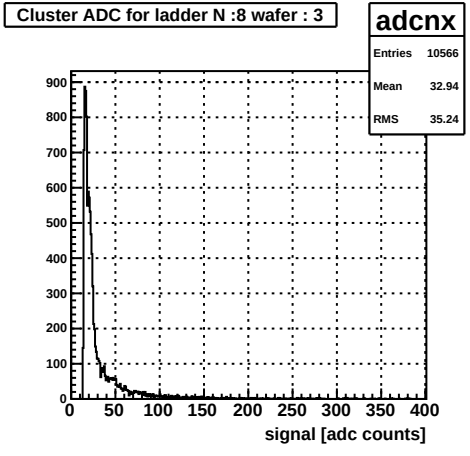

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 3804
Mean 72.04
RMS 77.61
signal [adc counts]

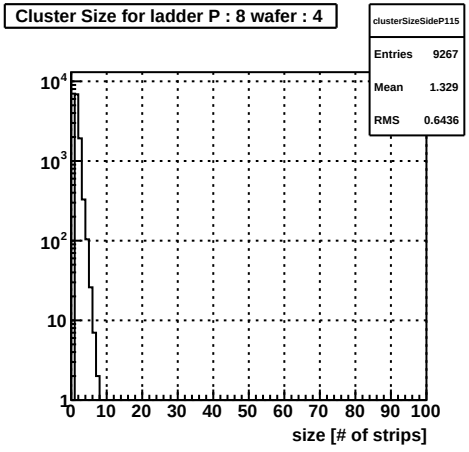

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 8845
Mean 1.367
RMS 0.6863
size [# of strips]

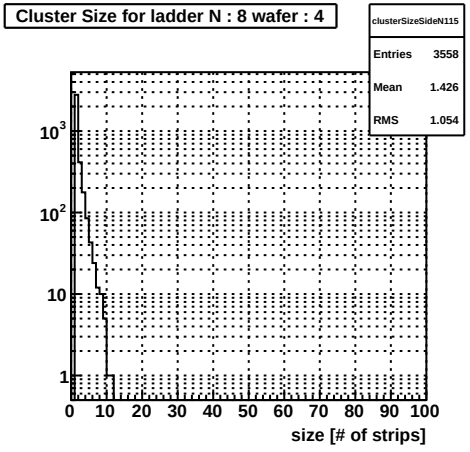

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10566
Mean 1.48
RMS 1.073
size [# of strips]

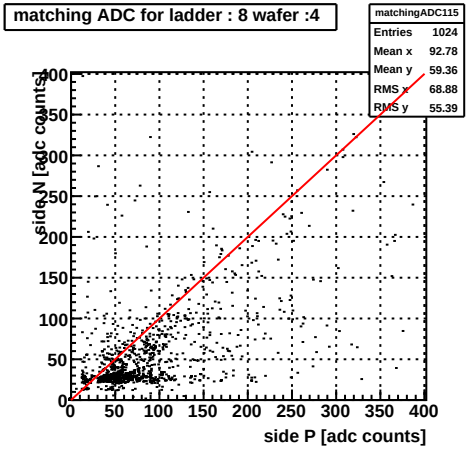

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 2187
Mean x 89.42
Mean y 48.5
RMS x 66.02
RMS y 53.12
side N [adc counts]
side P [adc counts]

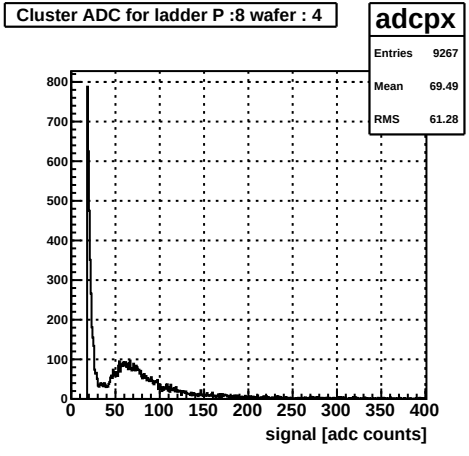

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 8845
Mean 76.91
RMS 60.82
signal [adc counts]

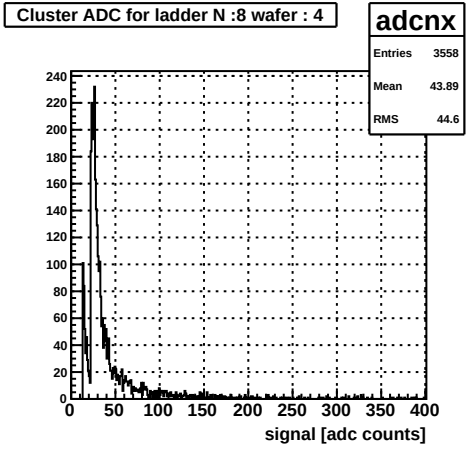

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10566
Mean 32.94
RMS 35.24
signal [adc counts]

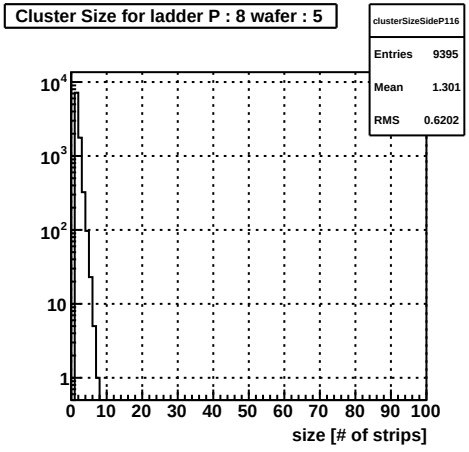

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 9267
Mean 1.329
RMS 0.6436
size [# of strips]

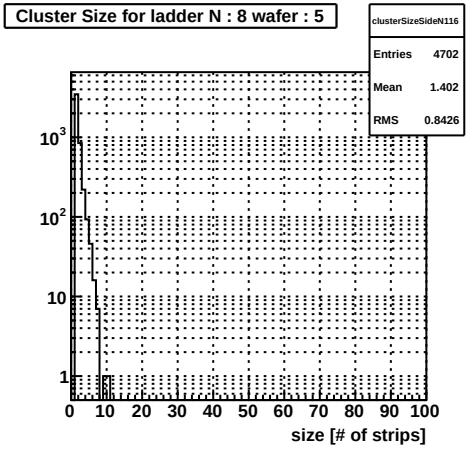

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3558
Mean 1.426
RMS 1.054
size [# of strips]

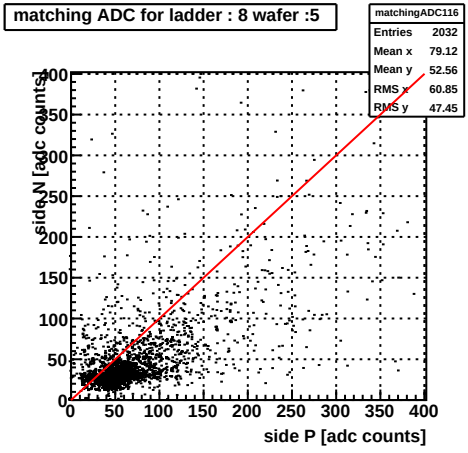

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1024
Mean x 92.78
Mean y 59.36
RMS x 68.88
RMS y 55.39
side N [adc counts]
side P [adc counts]

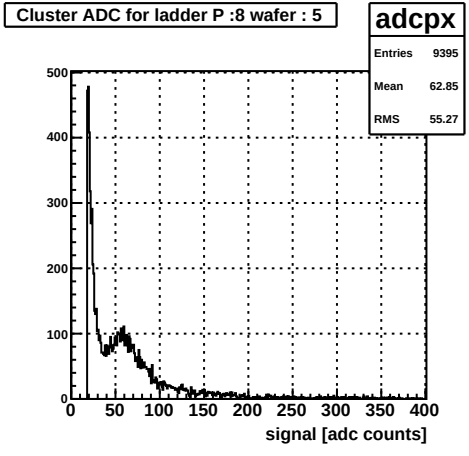

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 9267
Mean 69.49
RMS 61.28
signal [adc counts]

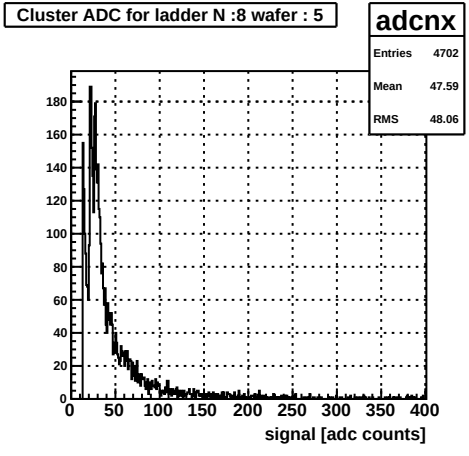

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3558
Mean 43.89
RMS 44.6
signal [adc counts]

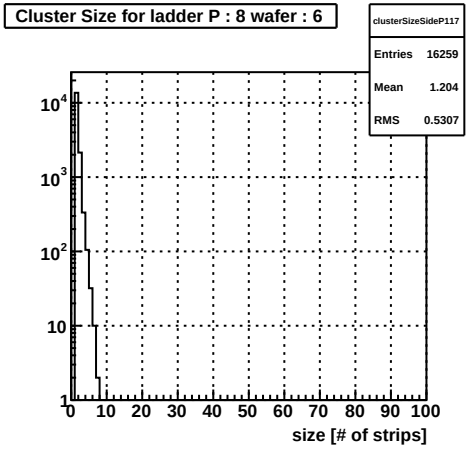

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 9395
Mean 1.301
RMS 0.6202
size [# of strips]

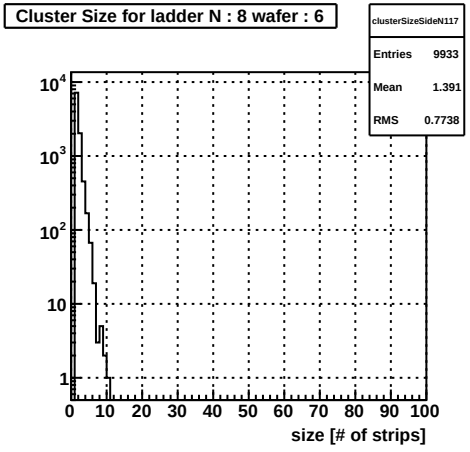

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 4702
Mean 1.402
RMS 0.8426
size [# of strips]

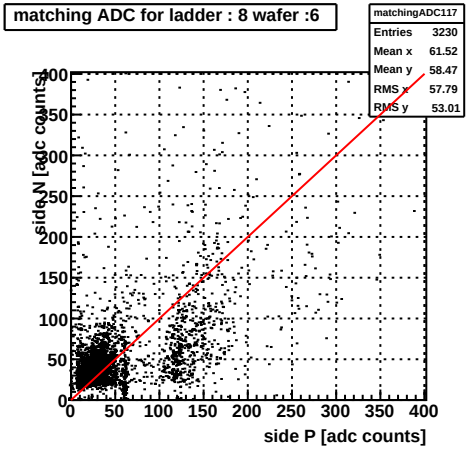

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 2032
Mean x 79.12
Mean y 52.56
RMS x 60.85
RMS y 47.45
side N [adc counts]
side P [adc counts]

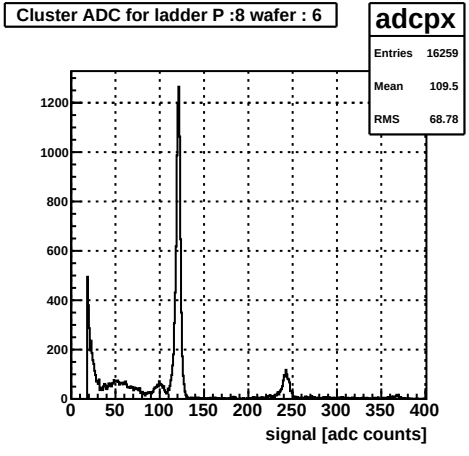

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 9395
Mean 62.85
RMS 55.27
signal [adc counts]

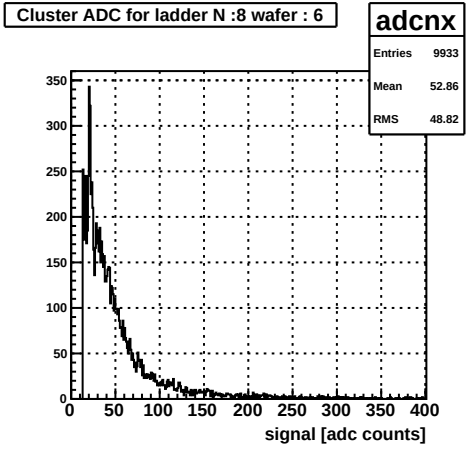

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 4702
Mean 47.59
RMS 48.06
signal [adc counts]

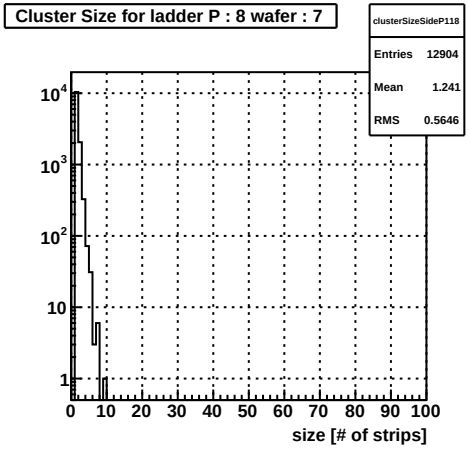

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 16259
Mean 1.204
RMS 0.5307
size [# of strips]

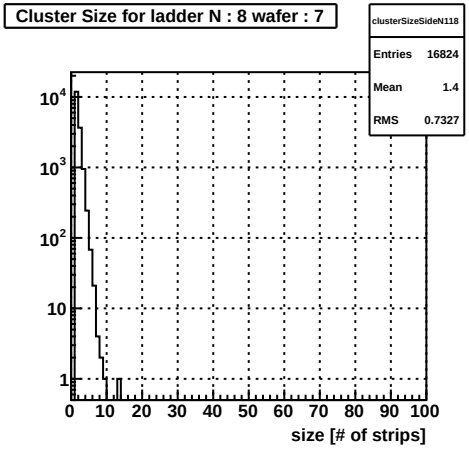

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 9933
Mean 1.391
RMS 0.7738
size [# of strips]

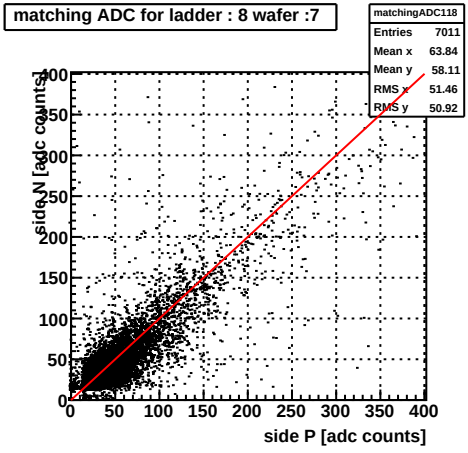

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3230
Mean x 61.52
Mean y 58.47
RMS x 57.79
RMS y 53.01
side N [adc counts]
side P [adc counts]

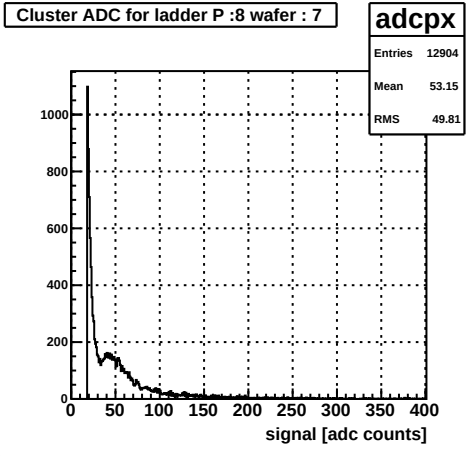

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 16259
Mean 109.5
RMS 68.78
signal [adc counts]

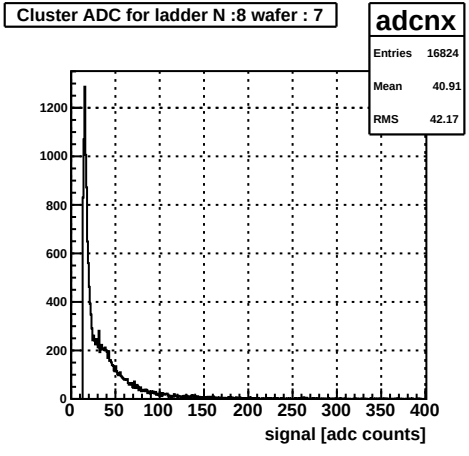

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 9933
Mean 52.86
RMS 48.82
signal [adc counts]

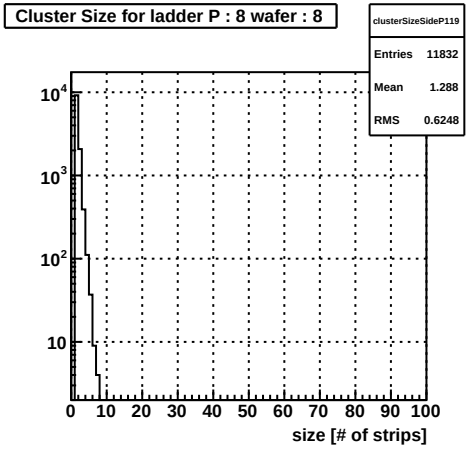

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 12904
Mean 1.241
RMS 0.5646
size [# of strips]

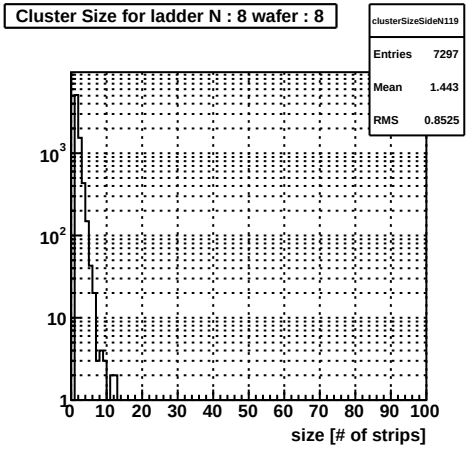

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 16824
Mean 1.4
RMS 0.7327
size [# of strips]

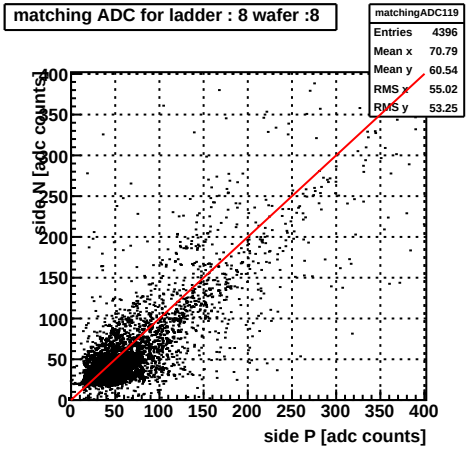

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 7011
Mean x 63.84
Mean y 58.11
RMS x 51.46
RMS y 50.92
side N [adc counts]
side P [adc counts]

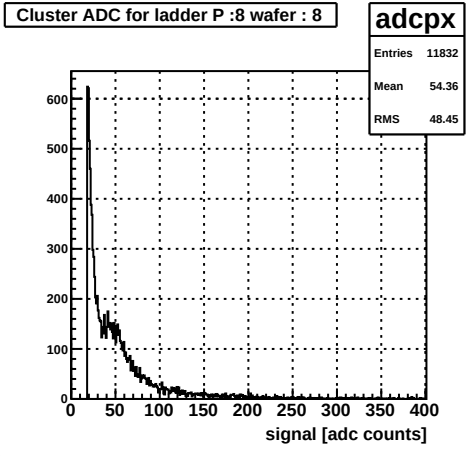

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 12904
Mean 53.15
RMS 49.81
signal [adc counts]

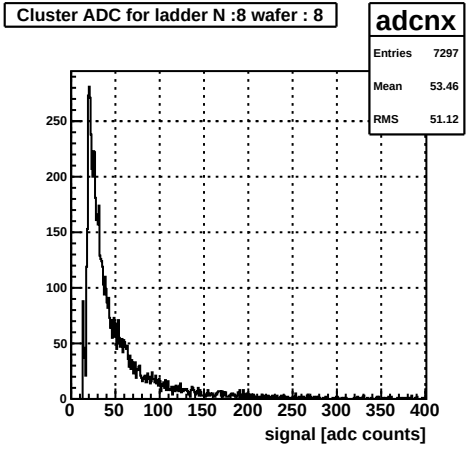

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 16824
Mean 40.91
RMS 42.17
signal [adc counts]

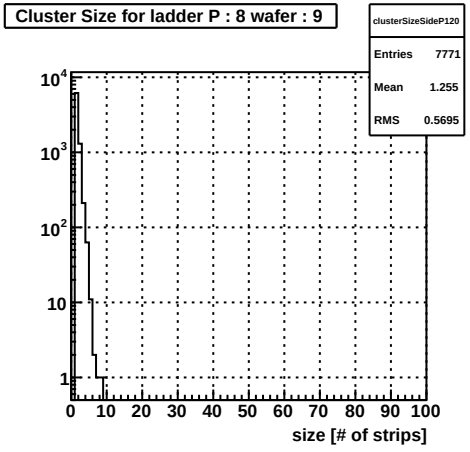

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 11832
Mean 1.288
RMS 0.6248
size [# of strips]

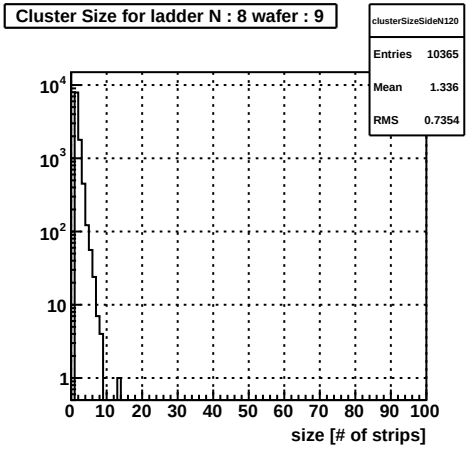

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7297
Mean 1.443
RMS 0.8525
size [# of strips]

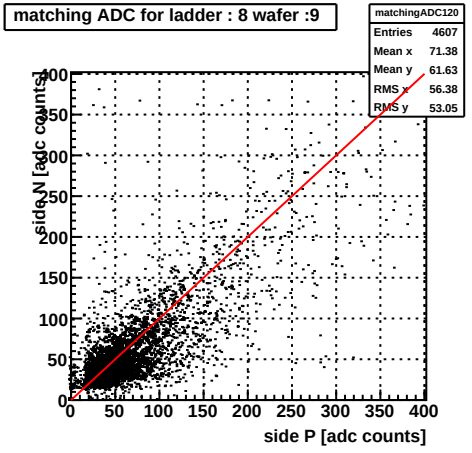

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 4396
Mean x 70.79
Mean y 60.54
RMS x 55.02
RMS y 53.25
side N [adc counts]
side P [adc counts]

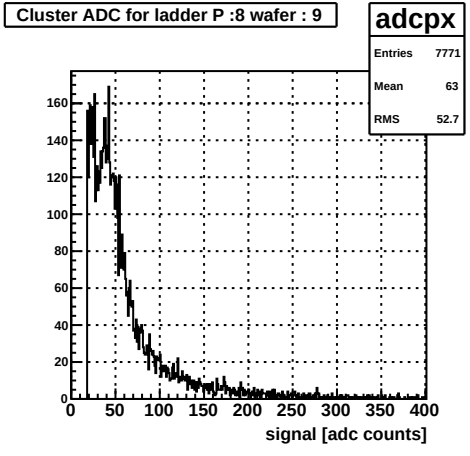

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 11832
Mean 54.36
RMS 48.45
signal [adc counts]

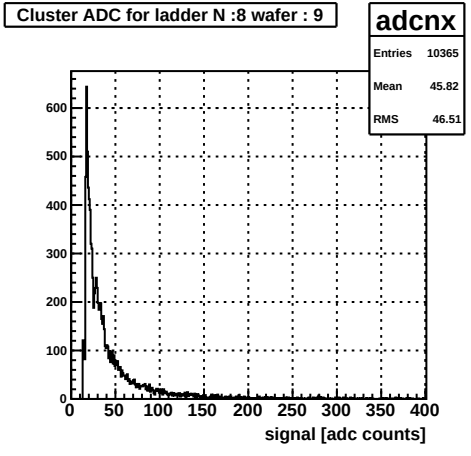

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7297
Mean 53.46
RMS 51.12
signal [adc counts]

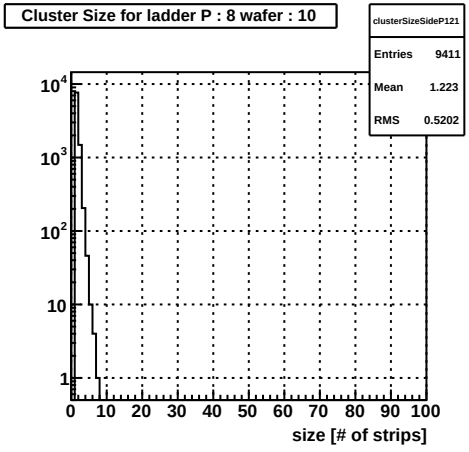

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 7771
Mean 1.255
RMS 0.5695
size [# of strips]

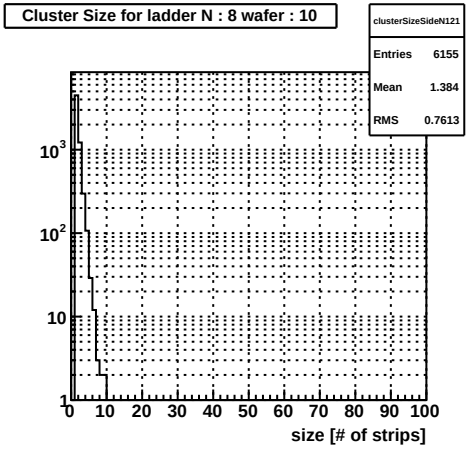

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 10365
Mean 1.336
RMS 0.7354
size [# of strips]

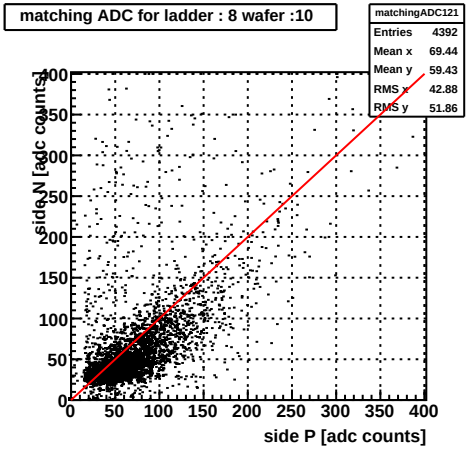

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 4607
Mean x 71.38
Mean y 61.63
RMS x 56.38
RMS y 53.05
side N [adc counts]
side P [adc counts]

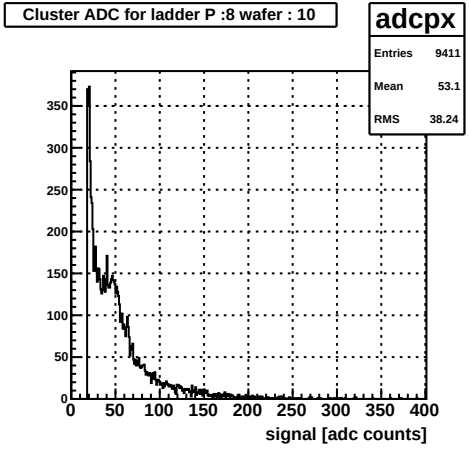

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 7771
Mean 63
RMS 52.7
signal [adc counts]

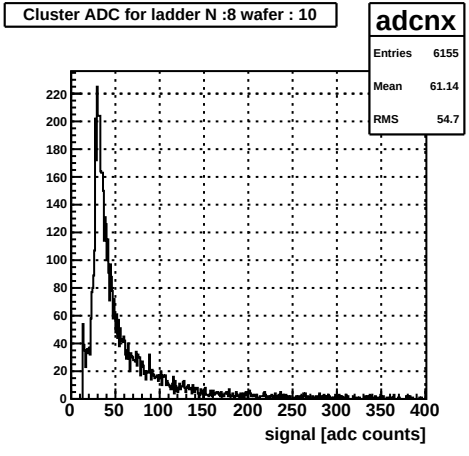

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 10365
Mean 45.82
RMS 46.51
signal [adc counts]

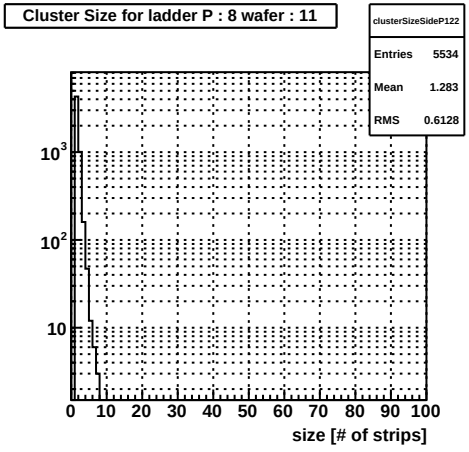

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 9411
Mean 1.223
RMS 0.5202
size [# of strips]

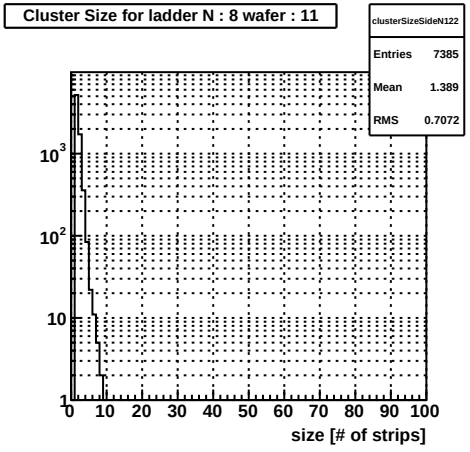

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 6155
Mean 1.384
RMS 0.7613
size [# of strips]

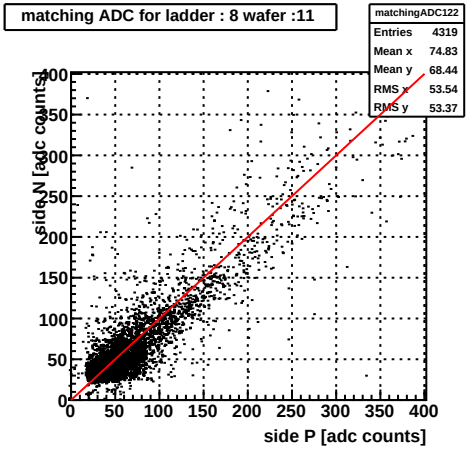

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 4392
Mean x 69.44
Mean y 59.43
RMS x 42.88
RMS y 51.86
side N [adc counts]
side P [adc counts]

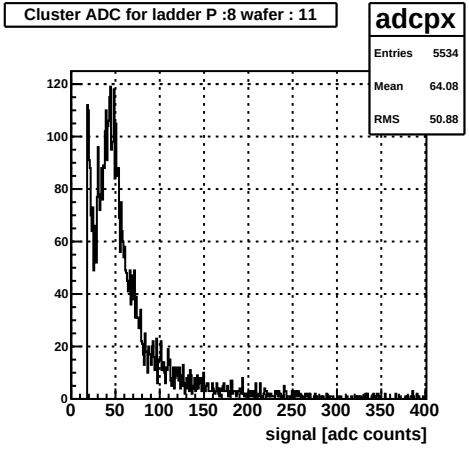

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 9411
Mean 53.1
RMS 38.24
signal [adc counts]

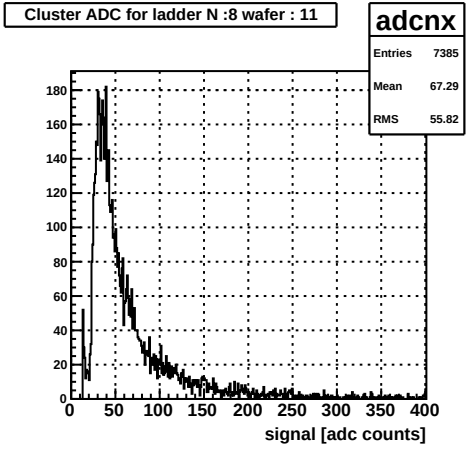

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 6155
Mean 61.14
RMS 54.7
signal [adc counts]

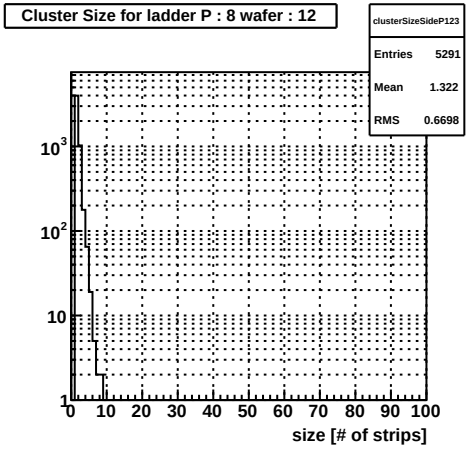

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 5534
Mean 1.283
RMS 0.6128
size [# of strips]

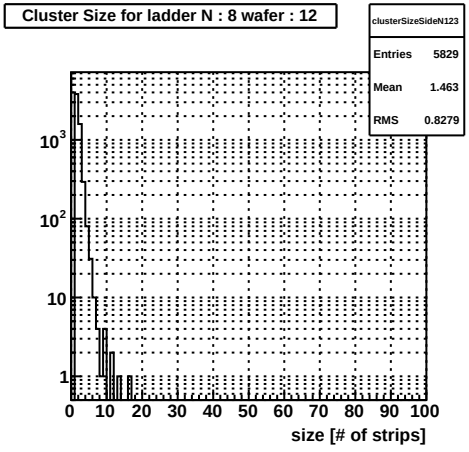

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 7385
Mean 1.389
RMS 0.7072
size [# of strips]

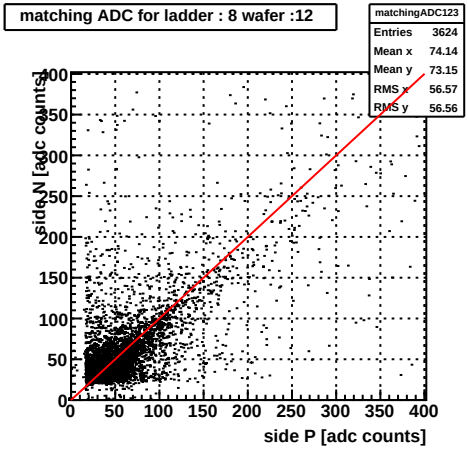

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 4319
Mean x 74.83
Mean y 68.44
RMS x 53.54
RMS y 53.37
side N [adc counts]
side P [adc counts]

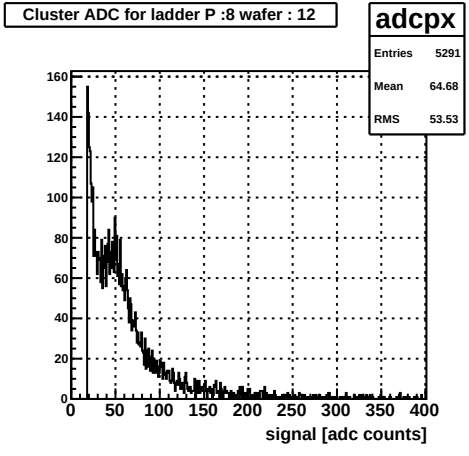

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 5534
Mean 64.08
RMS 50.88
signal [adc counts]

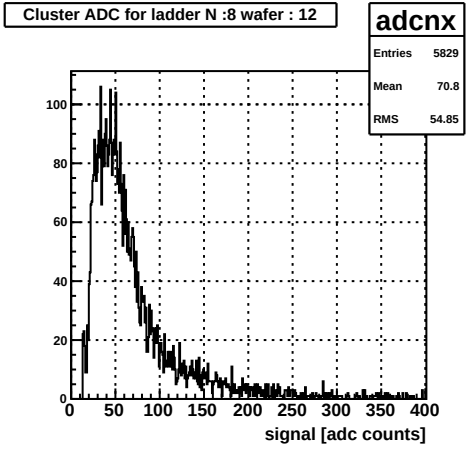

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 7385
Mean 67.29
RMS 55.82
signal [adc counts]

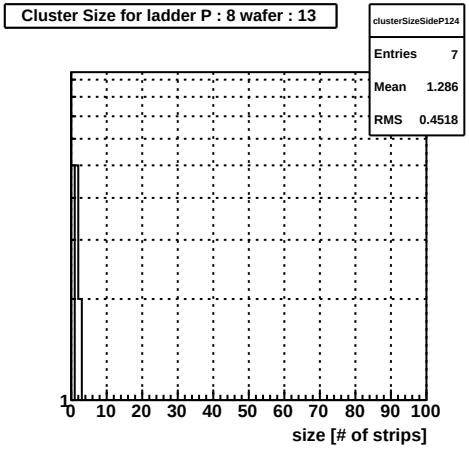

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 5291
Mean 1.322
RMS 0.6698
size [# of strips]

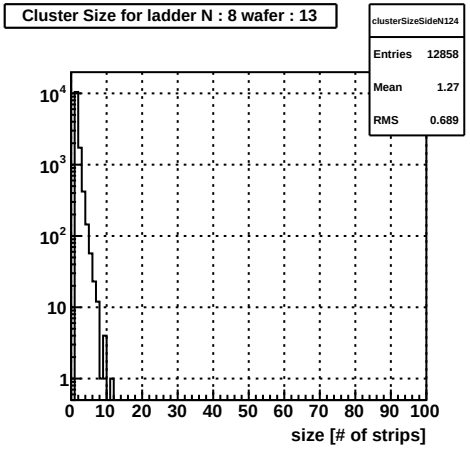

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 5829
Mean 1.463
RMS 0.8279
size [# of strips]

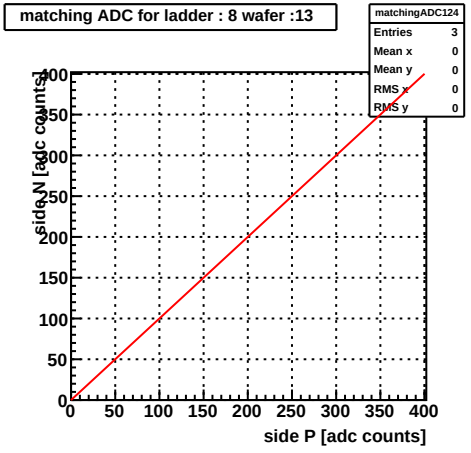

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 3624
Mean x 74.14
Mean y 73.15
RMS x 56.57
RMS y 56.56
side N [adc counts]
side P [adc counts]

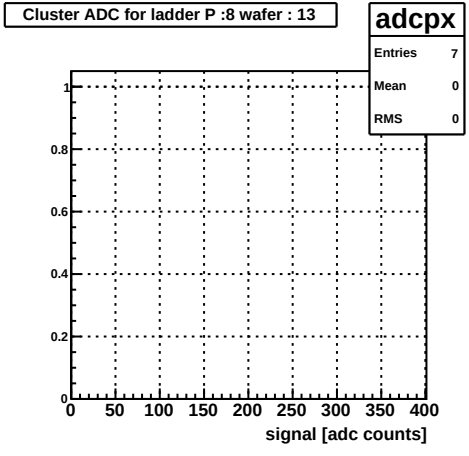

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 5291
Mean 64.68
RMS 53.53
signal [adc counts]

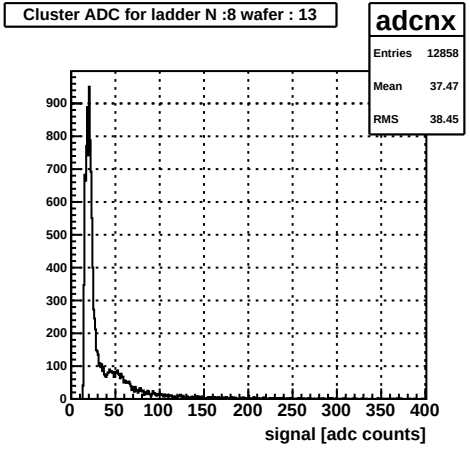

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 5829
Mean 70.8
RMS 54.85
signal [adc counts]

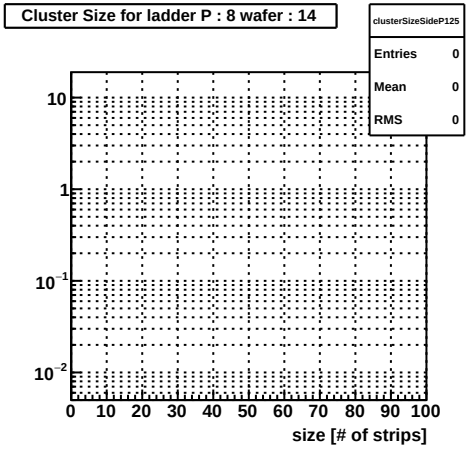

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 7
Mean 1.286
RMS 0.4518
size [# of strips]

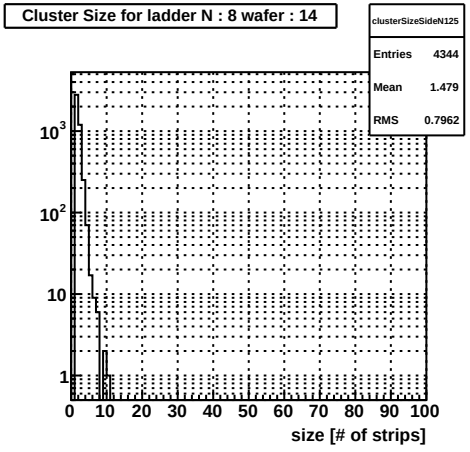

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 12858
Mean 1.27
RMS 0.689
size [# of strips]

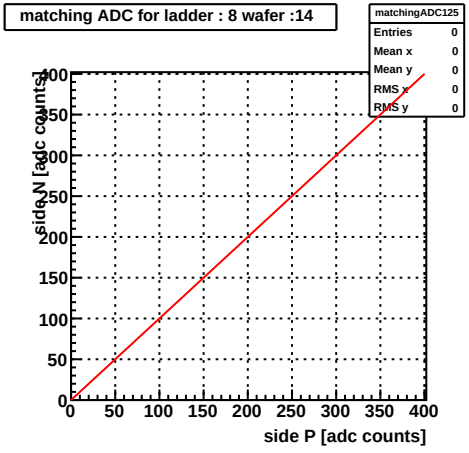

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

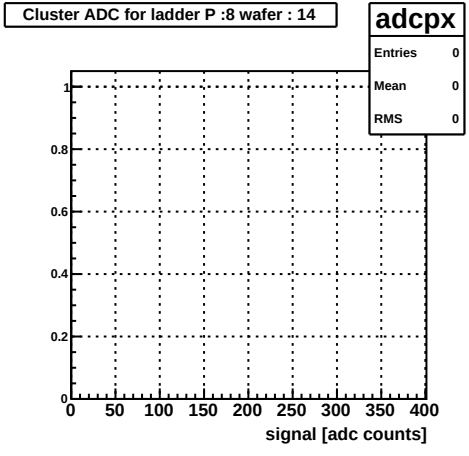

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

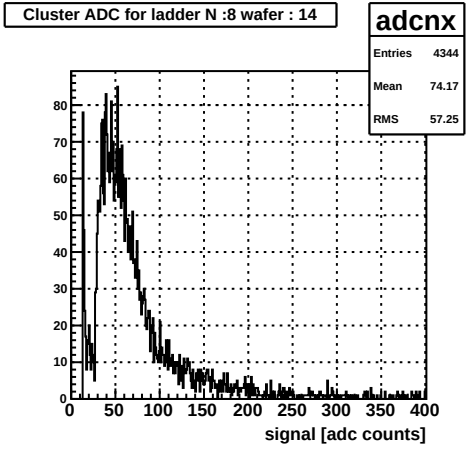

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 12858
Mean 37.47
RMS 38.45
signal [adc counts]

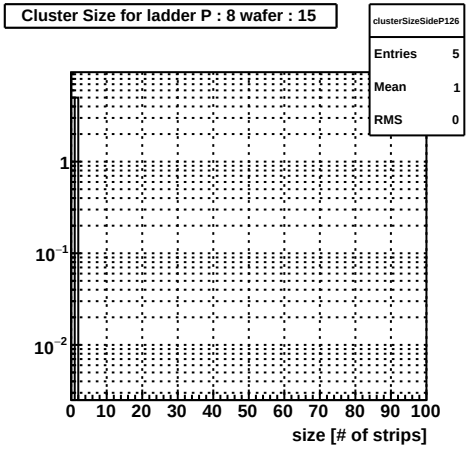

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

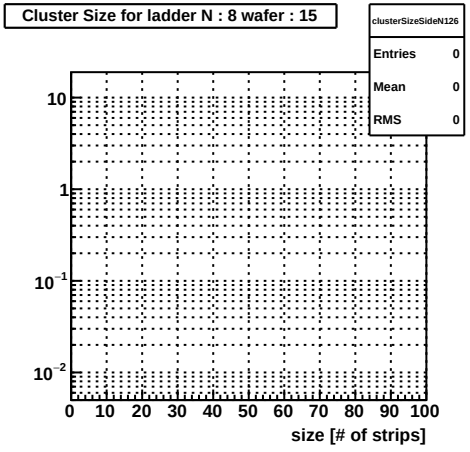

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 4344
Mean 1.479
RMS 0.7962
size [# of strips]

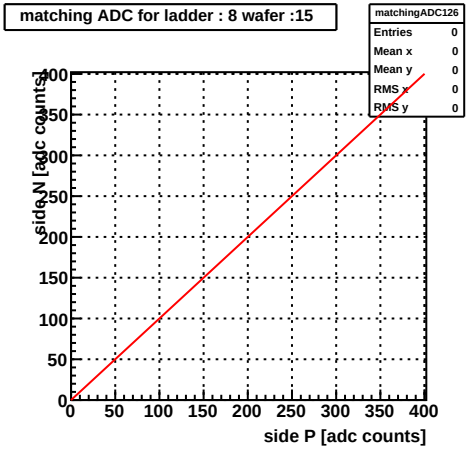

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

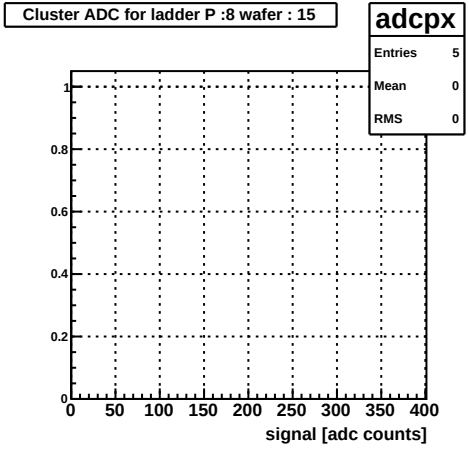

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

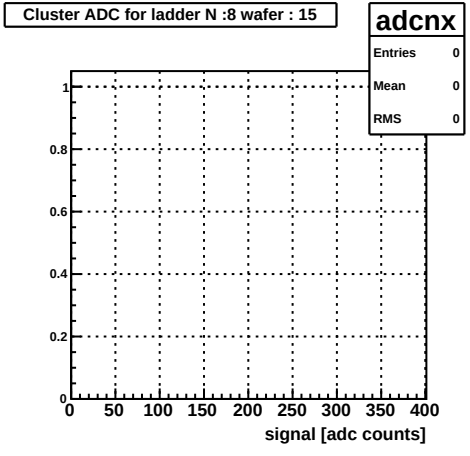

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 4344
Mean 74.17
RMS 57.25
signal [adc counts]

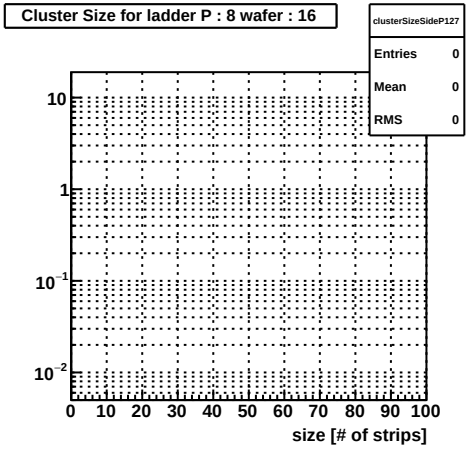

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 5
Mean 1
RMS 0
size [# of strips]

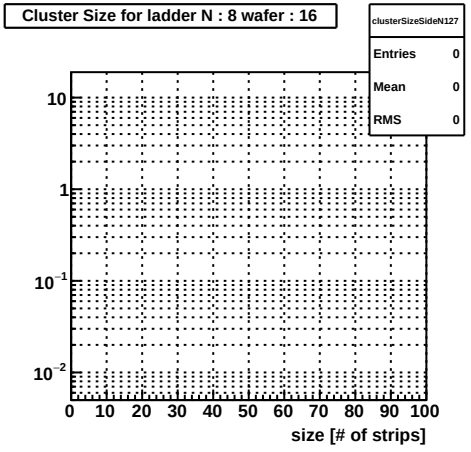

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

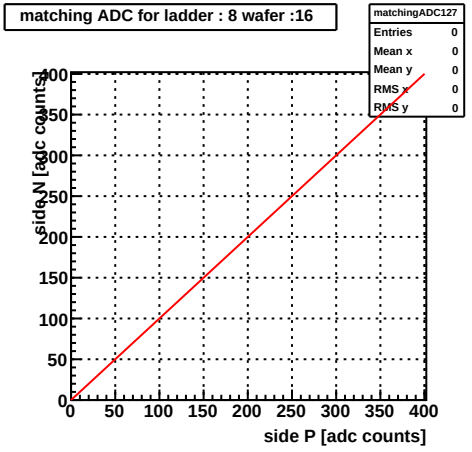

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

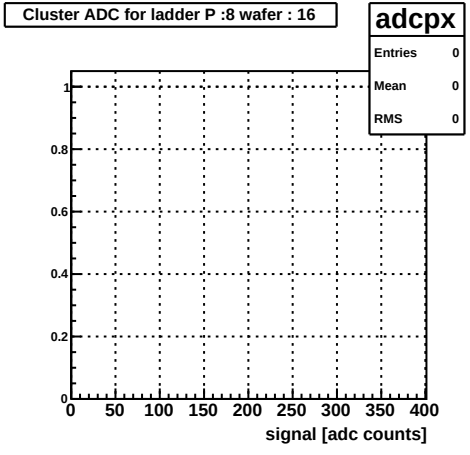

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

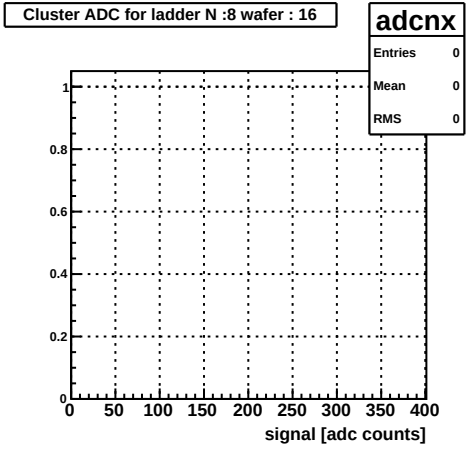

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

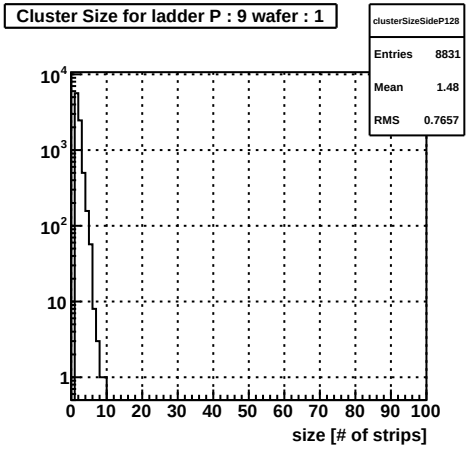

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

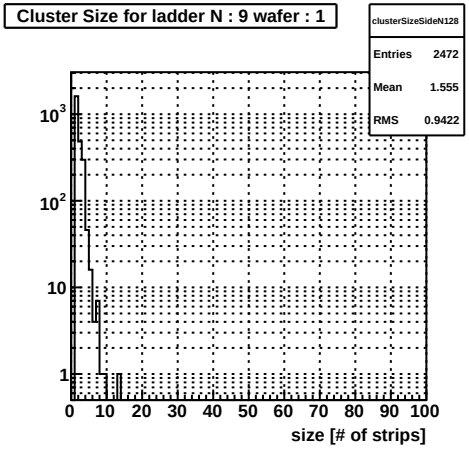

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

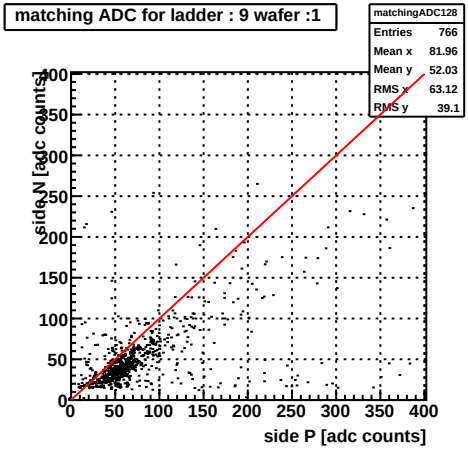

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

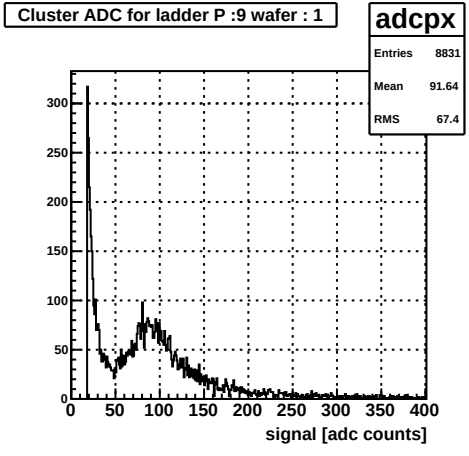

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

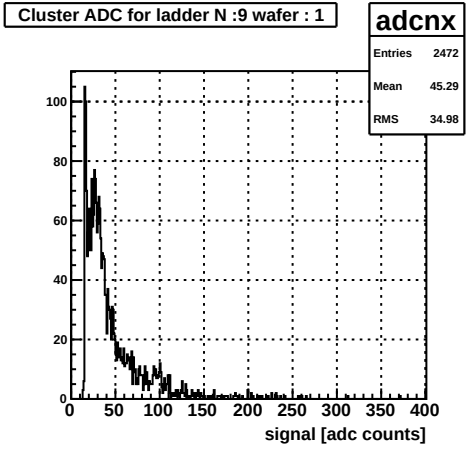

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

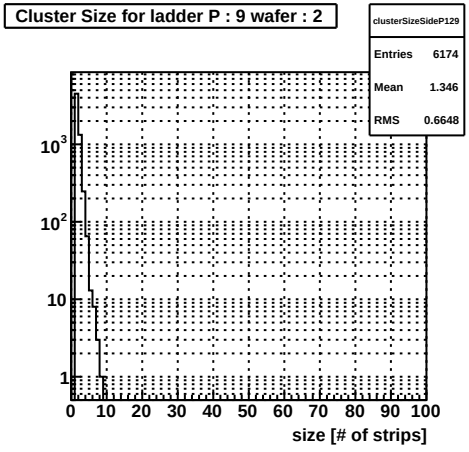

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8831
Mean 1.48
RMS 0.7657
size [# of strips]

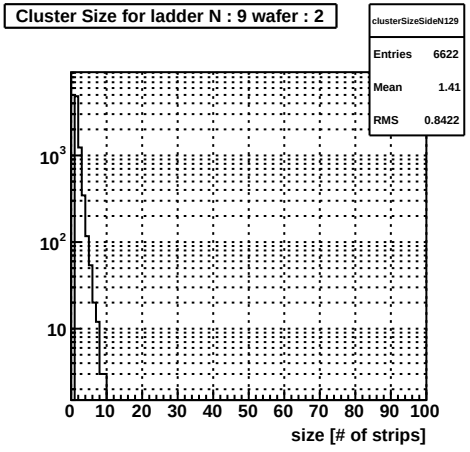

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2472
Mean 1.555
RMS 0.9422
size [# of strips]

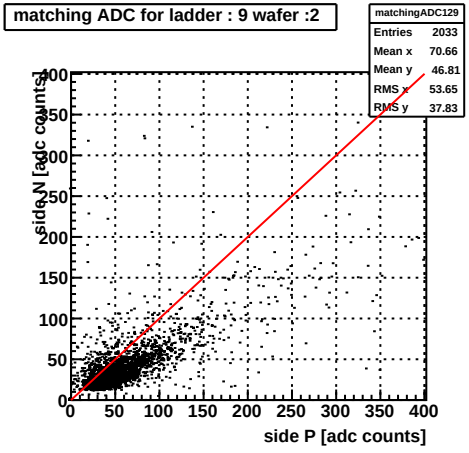

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 766
Mean x 81.96
Mean y 52.03
RMS x 63.12
RMS y 39.1
side N [adc counts]
side P [adc counts]

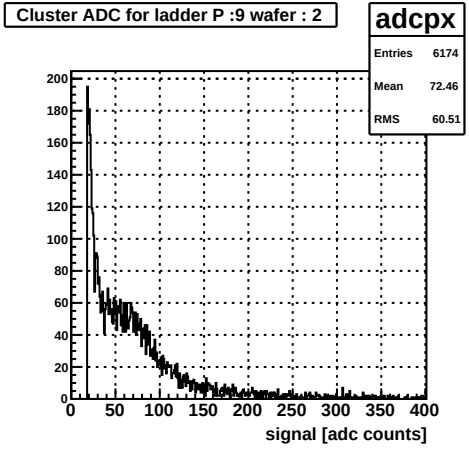

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8831
Mean 91.64
RMS 67.4
signal [adc counts]

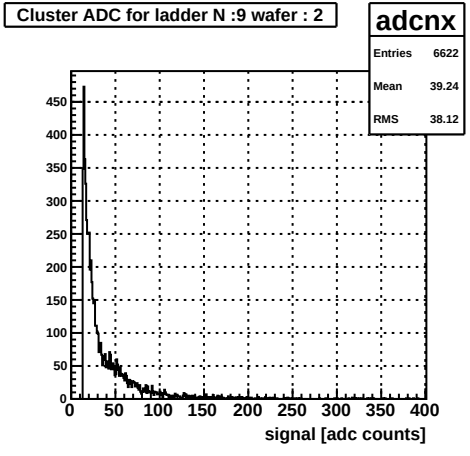

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2472
Mean 45.29
RMS 34.98
signal [adc counts]

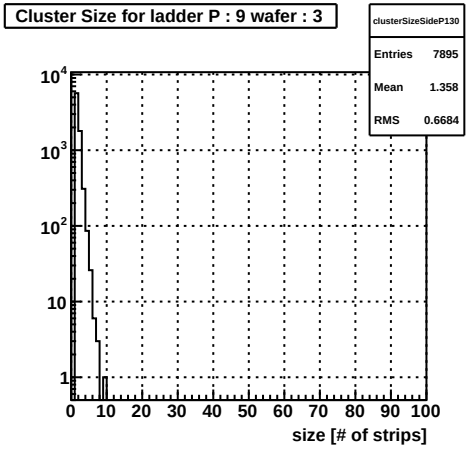

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 6174
Mean 1.346
RMS 0.6648
size [# of strips]

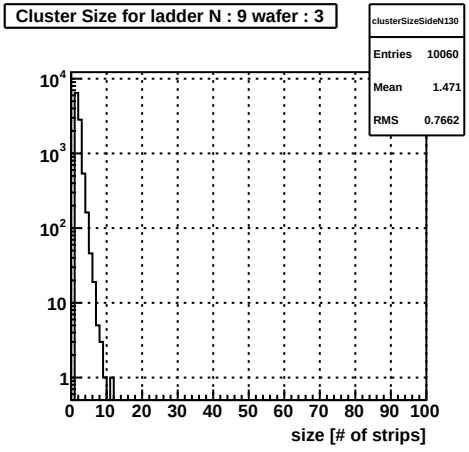

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6622
Mean 1.41
RMS 0.8422
size [# of strips]

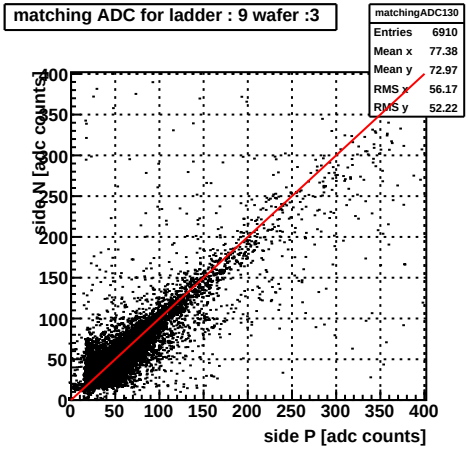

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2033
Mean x 70.66
Mean y 46.81
RMS x 53.65
RMS y 37.83
side N [adc counts]
side P [adc counts]

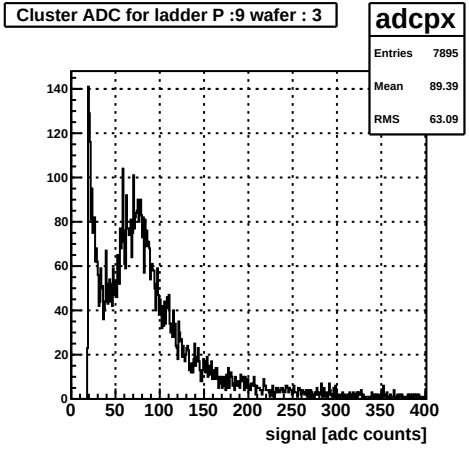

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 6174
Mean 72.46
RMS 60.51
signal [adc counts]

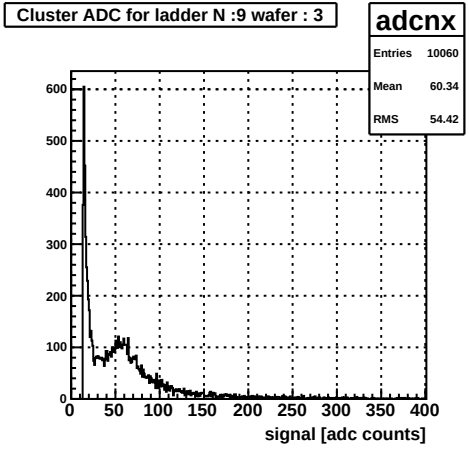

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6622
Mean 39.24
RMS 38.12
signal [adc counts]

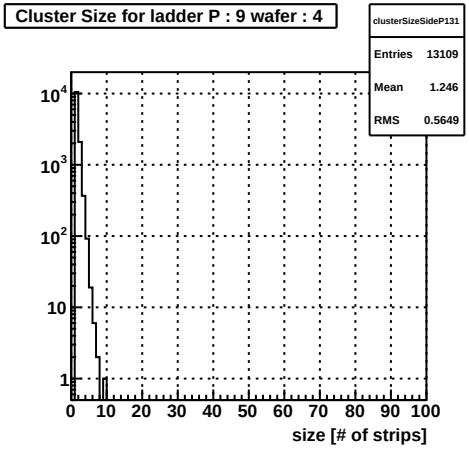

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 7895
Mean 1.358
RMS 0.6684
size [# of strips]

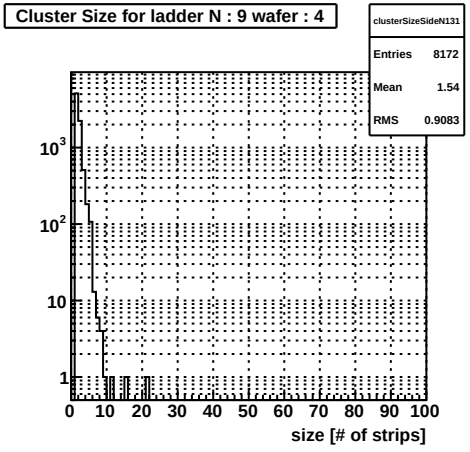

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 10060
Mean 1.471
RMS 0.7662
size [# of strips]

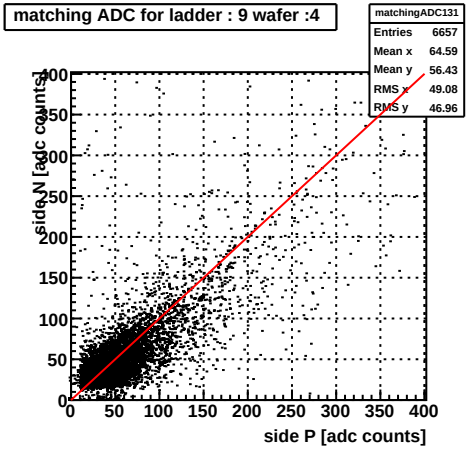

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 6910
Mean x 77.38
Mean y 72.97
RMS x 56.17
RMS y 52.22
side N [adc counts]
side P [adc counts]

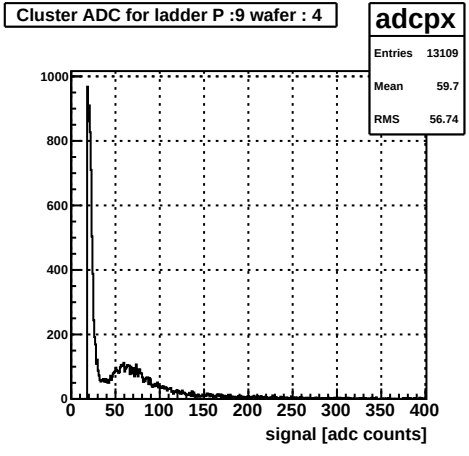

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 7895
Mean 89.39
RMS 63.09
signal [adc counts]

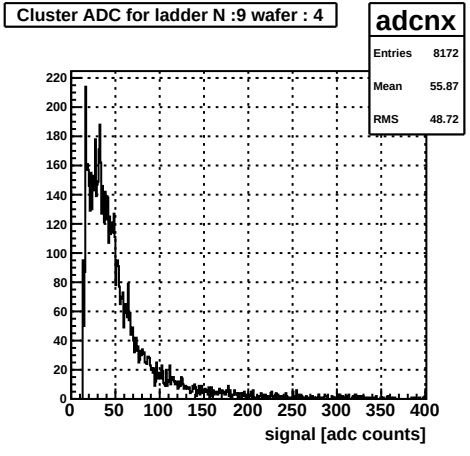

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 10060
Mean 60.34
RMS 54.42
signal [adc counts]

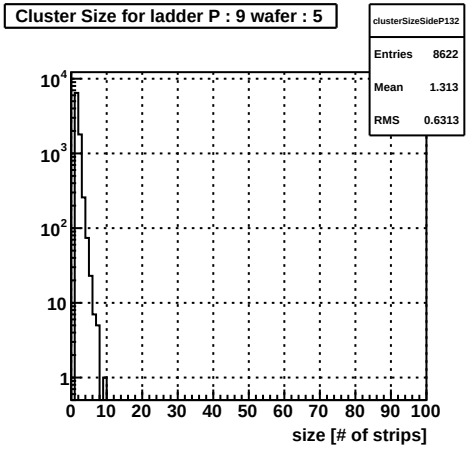

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 13109
Mean 1.246
RMS 0.5649
size [# of strips]

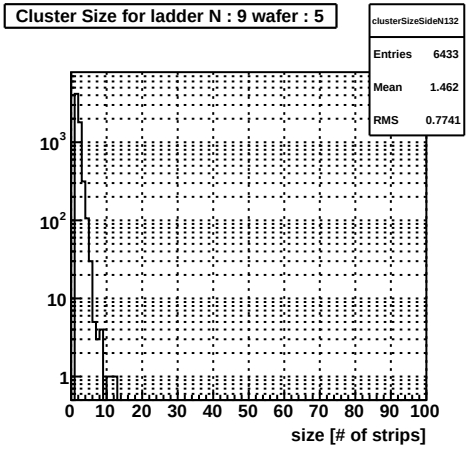

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 8172
Mean 1.54
RMS 0.9083
size [# of strips]

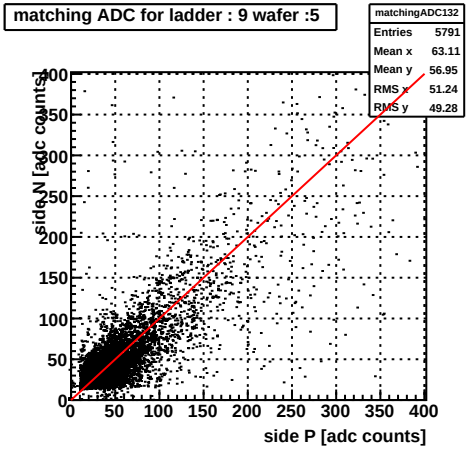

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 6657
Mean x 64.59
Mean y 56.43
RMS x 49.08
RMS y 46.96
side N [adc counts]
side P [adc counts]

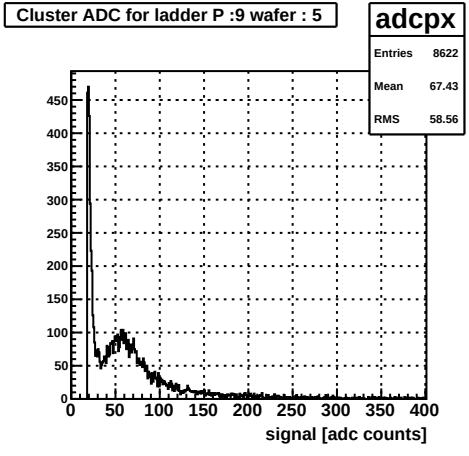

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 13109
Mean 59.7
RMS 56.74
signal [adc counts]

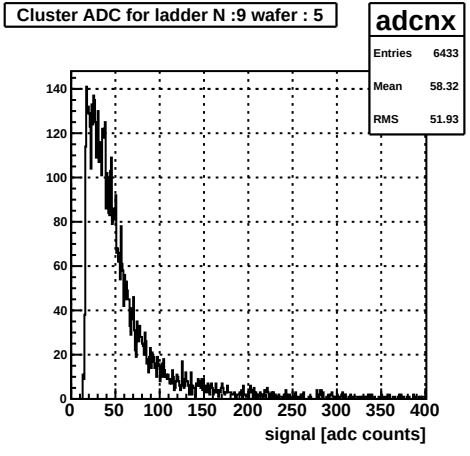

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 8172
Mean 55.87
RMS 48.72
signal [adc counts]

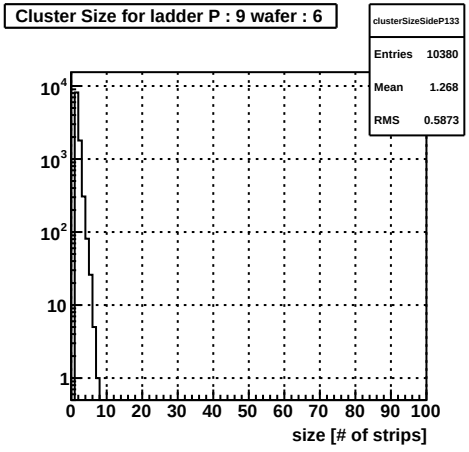

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 8622
Mean 1.313
RMS 0.6313
size [# of strips]

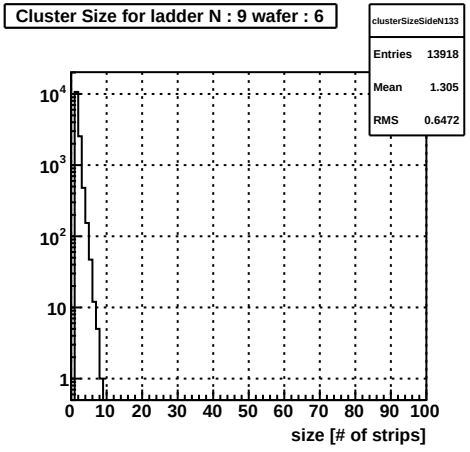

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 6433
Mean 1.462
RMS 0.7741
size [# of strips]

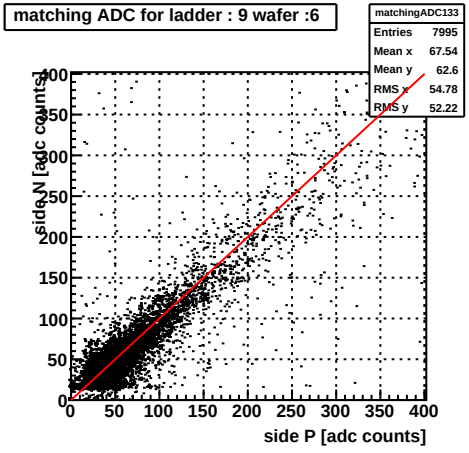

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 5791
Mean x 63.11
Mean y 56.95
RMS x 51.24
RMS y 49.28
side N [adc counts]
side P [adc counts]

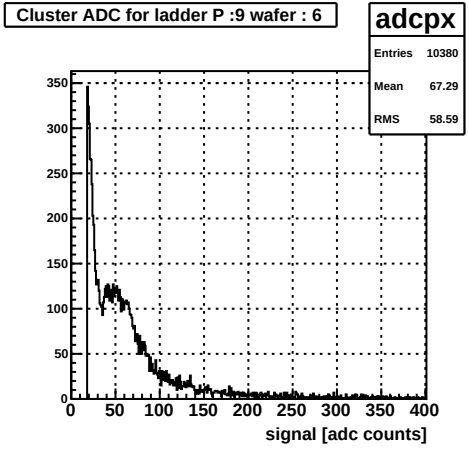

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 8622
Mean 67.43
RMS 58.56
signal [adc counts]

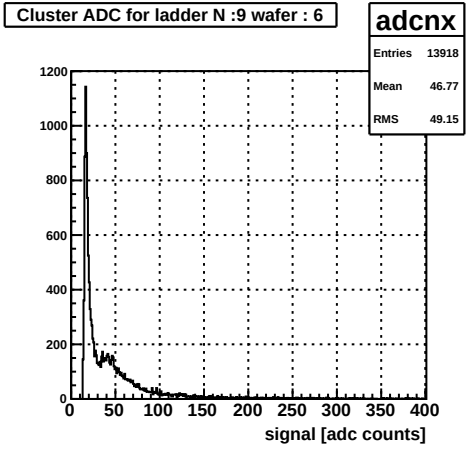

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 6433
Mean 58.32
RMS 51.93
signal [adc counts]

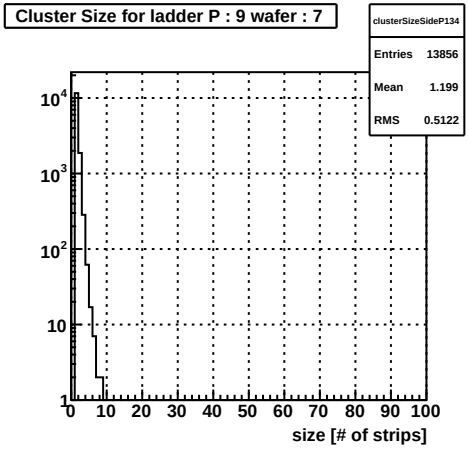

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 10380
Mean 1.268
RMS 0.5873
size [# of strips]

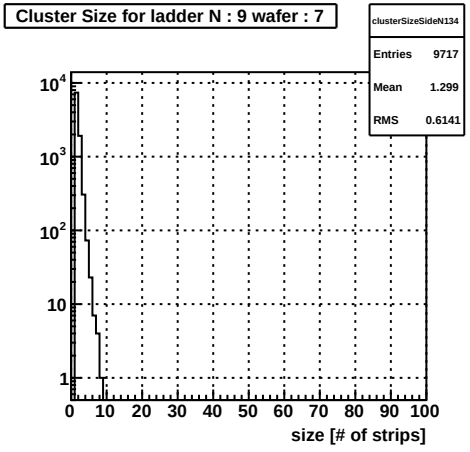

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 13918
Mean 1.305
RMS 0.6472
size [# of strips]

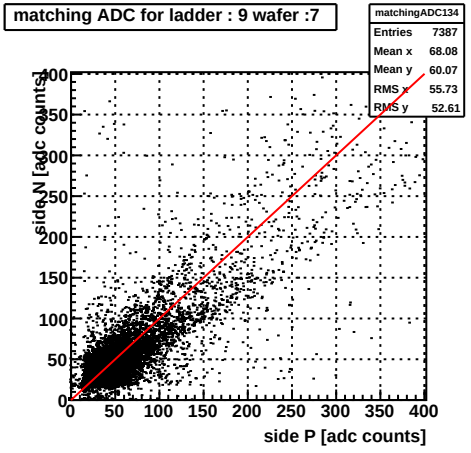

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 7995
Mean x 67.54
Mean y 62.6
RMS x 54.78
RMS y 52.22
side N [adc counts]
side P [adc counts]

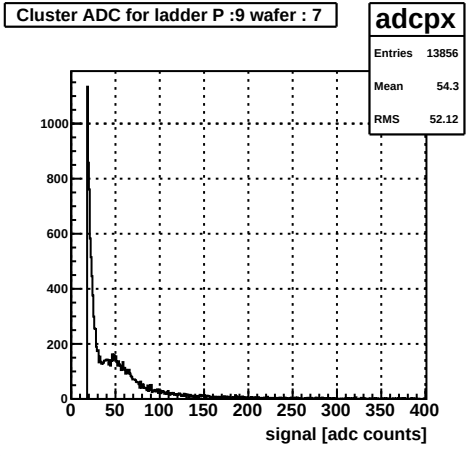

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 10380
Mean 67.29
RMS 58.59
signal [adc counts]

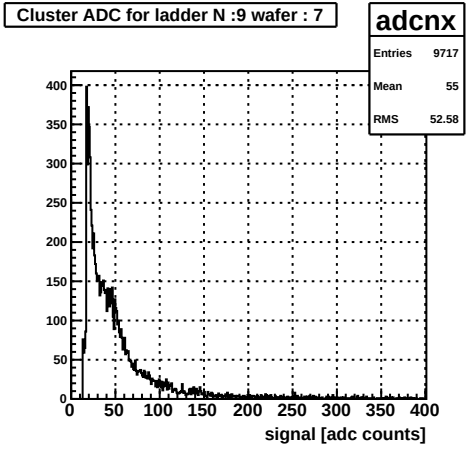

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 13918
Mean 46.77
RMS 49.15
signal [adc counts]

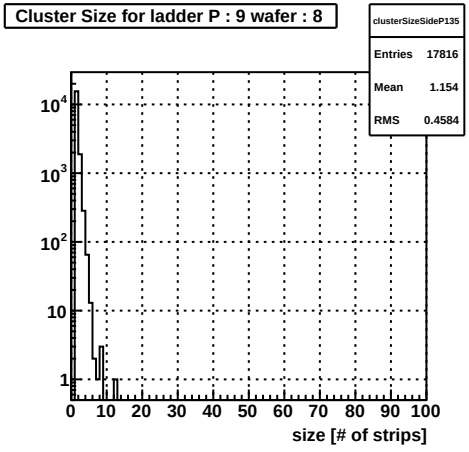

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13856
Mean 1.199
RMS 0.5122
size [# of strips]

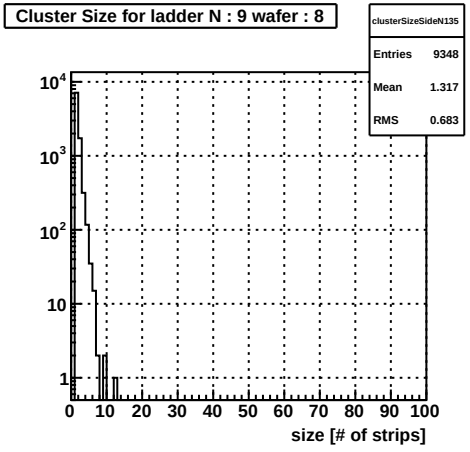

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 9717
Mean 1.299
RMS 0.6141
size [# of strips]

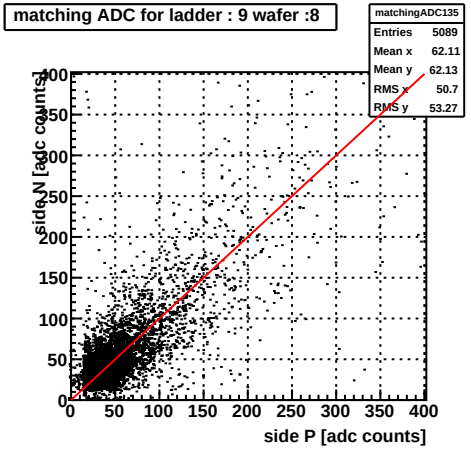

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 7387
Mean x 68.08
Mean y 60.07
RMS x 55.73
RMS y 52.61
side N [adc counts]
side P [adc counts]

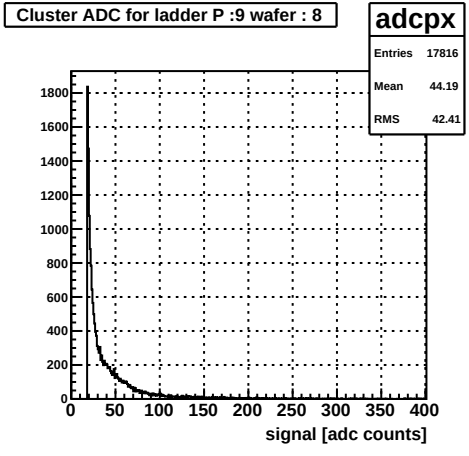

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13856
Mean 54.3
RMS 52.12
signal [adc counts]

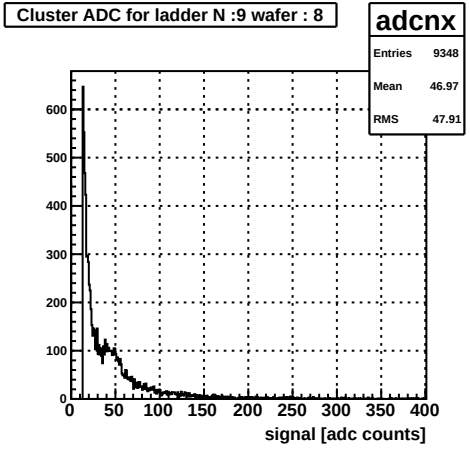

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 9717
Mean 55
RMS 52.58
signal [adc counts]

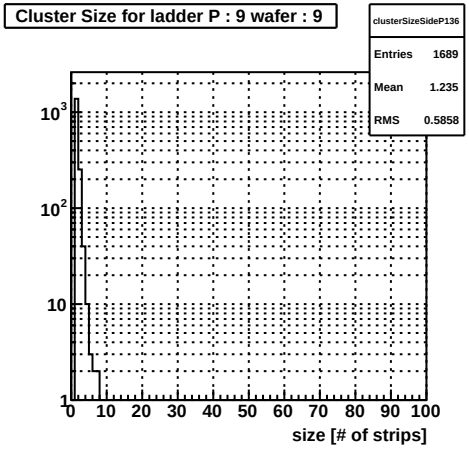

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 17816
Mean 1.154
RMS 0.4584
size [# of strips]

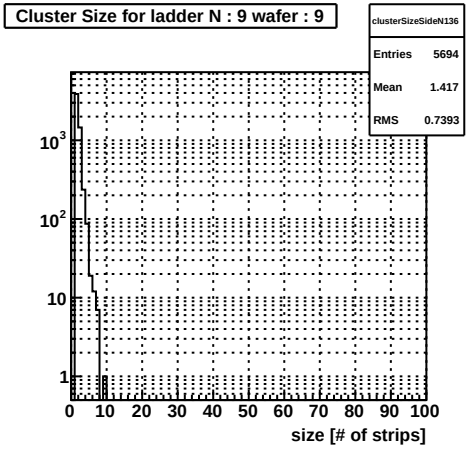

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 9348
Mean 1.317
RMS 0.683
size [# of strips]

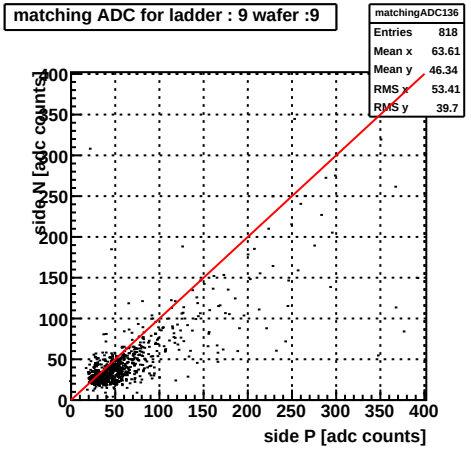

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 5089
Mean x 62.11
Mean y 62.13
RMS x 50.7
RMS y 53.27
side N [adc counts]
side P [adc counts]

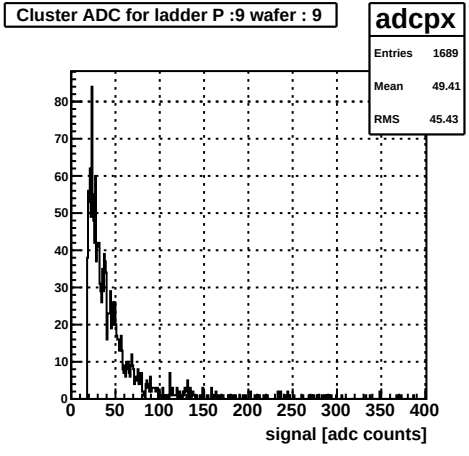

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 17816
Mean 44.19
RMS 42.41
signal [adc counts]

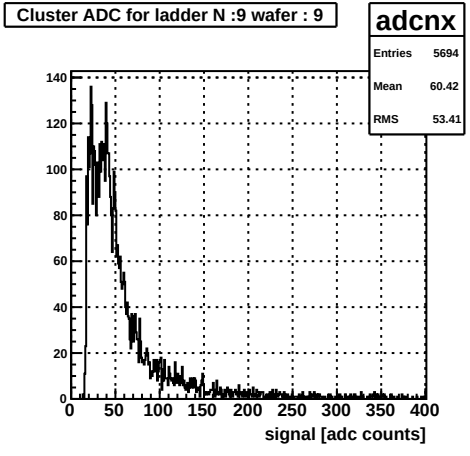

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 9348
Mean 46.97
RMS 47.91
signal [adc counts]

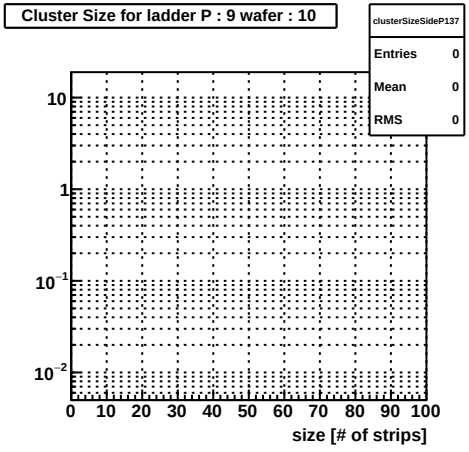

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1689
Mean 1.235
RMS 0.5858
size [# of strips]

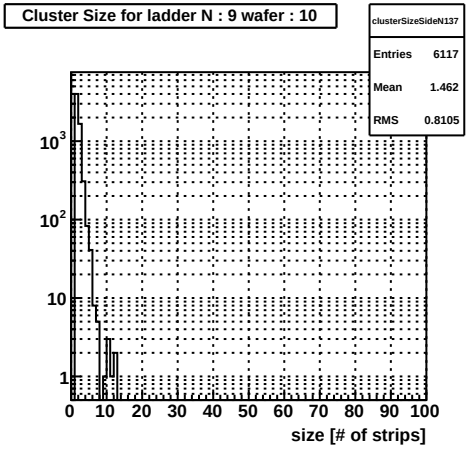

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 5694
Mean 1.417
RMS 0.7393
size [# of strips]

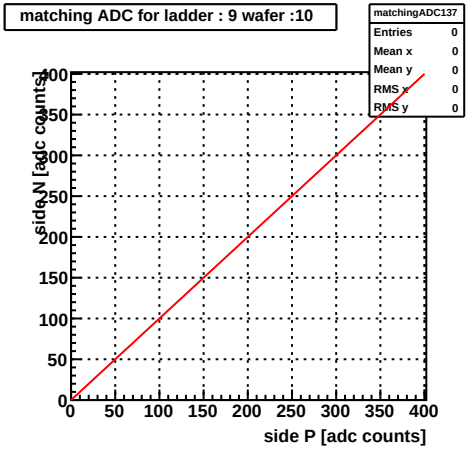

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 818
Mean x 63.61
Mean y 46.34
RMS x 53.41
RMS y 39.7
side N [adc counts]
side P [adc counts]

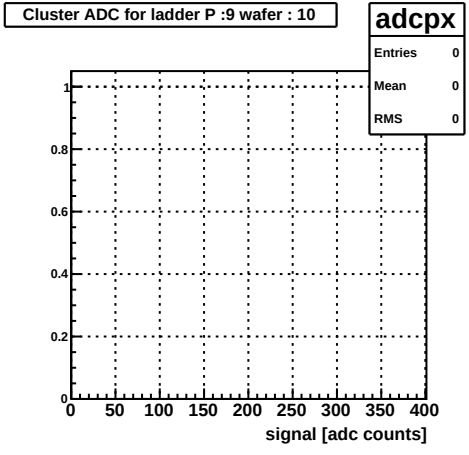

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1689
Mean 49.41
RMS 45.43
signal [adc counts]

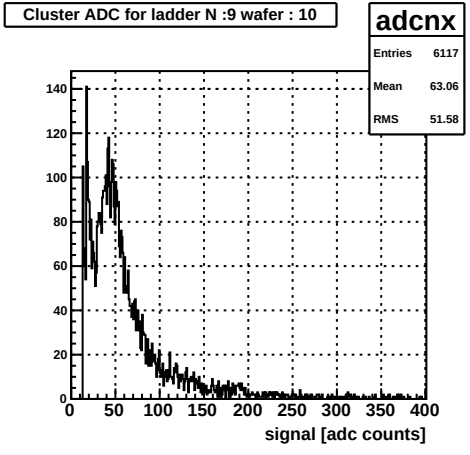

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 5694
Mean 60.42
RMS 53.41
signal [adc counts]

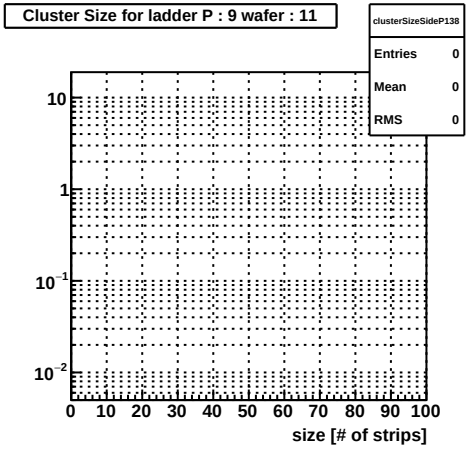

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

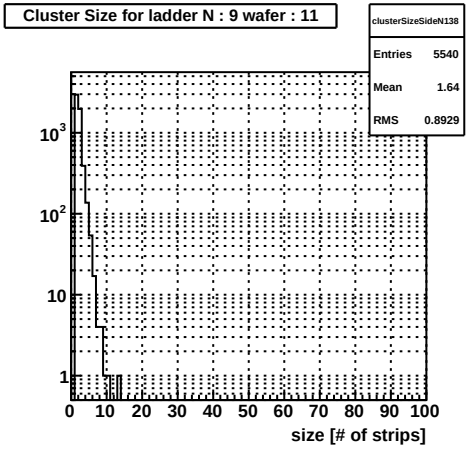

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 6117
Mean 1.462
RMS 0.8105
size [# of strips]

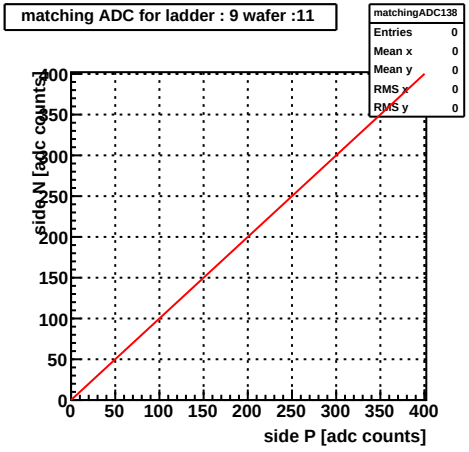

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

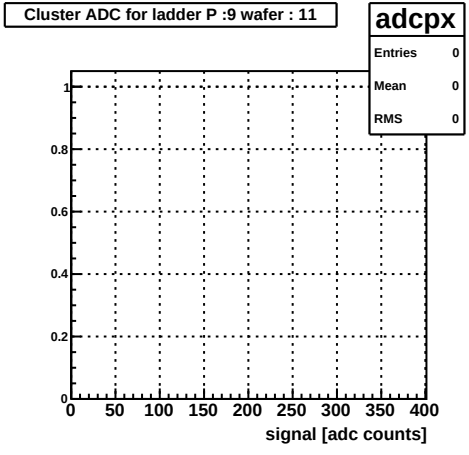

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

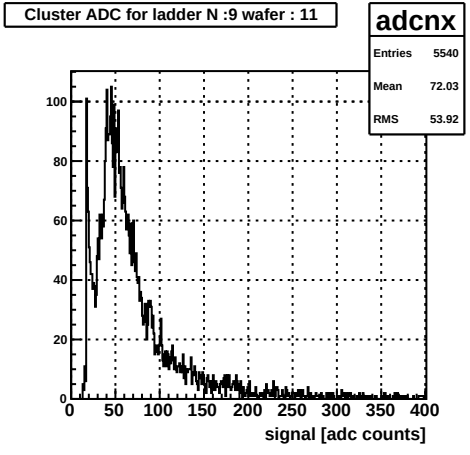

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 6117
Mean 63.06
RMS 51.58
signal [adc counts]

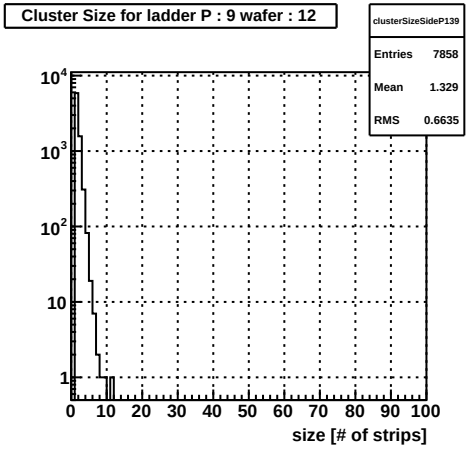

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

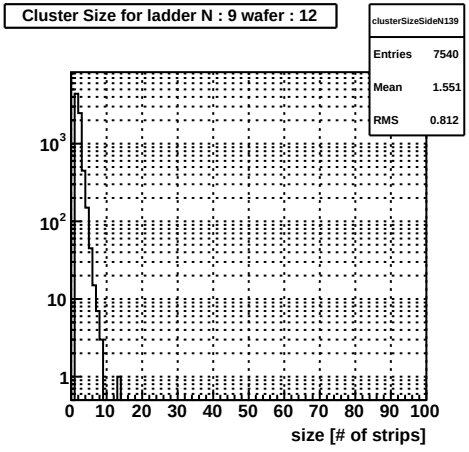

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 5540
Mean 1.64
RMS 0.8929
size [# of strips]

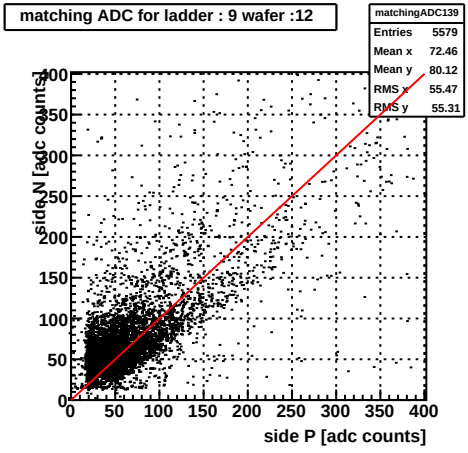

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

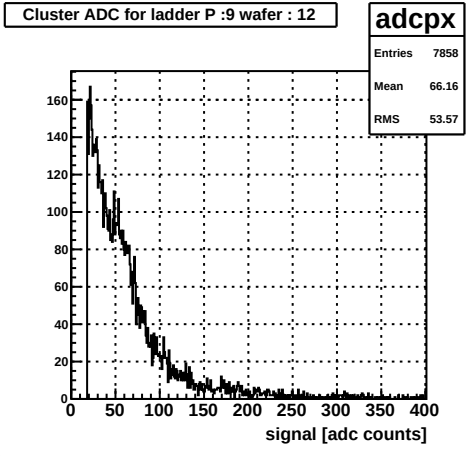

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

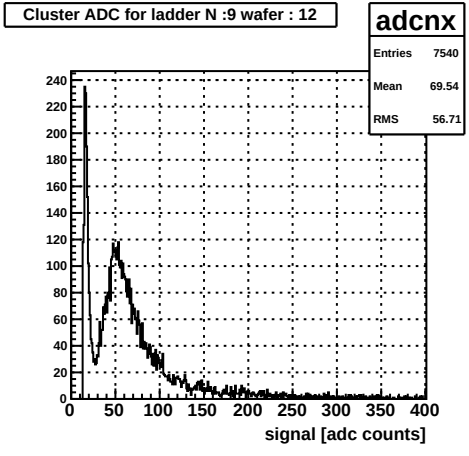

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 5540
Mean 72.03
RMS 53.92
signal [adc counts]

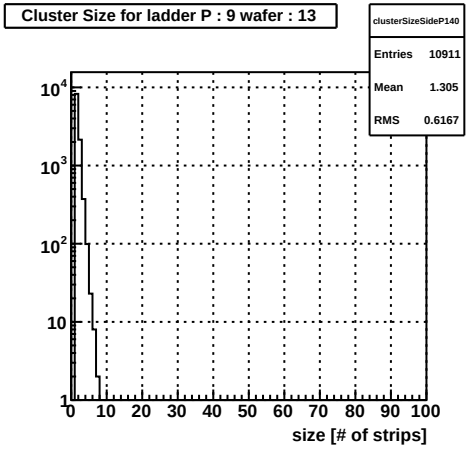

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 7858
Mean 1.329
RMS 0.6635
size [# of strips]

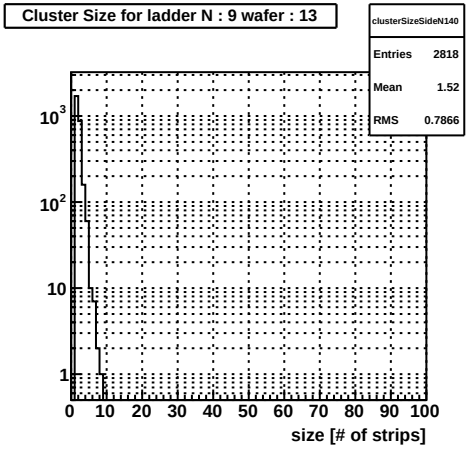

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 7540
Mean 1.551
RMS 0.812
size [# of strips]

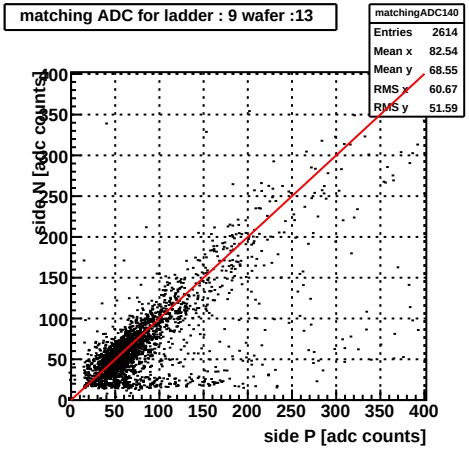

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 5579
Mean x 72.46
Mean y 80.12
RMS x 55.47
RMS y 55.31
side N [adc counts]
side P [adc counts]

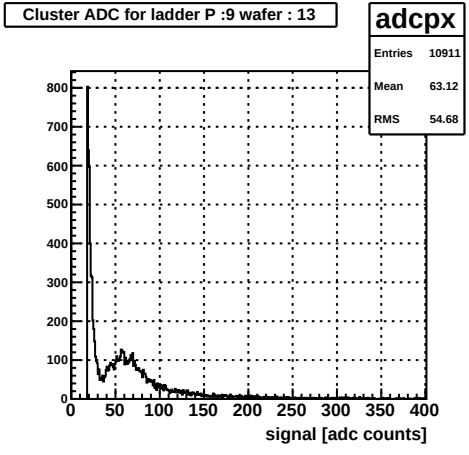

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 7858
Mean 66.16
RMS 53.57
signal [adc counts]

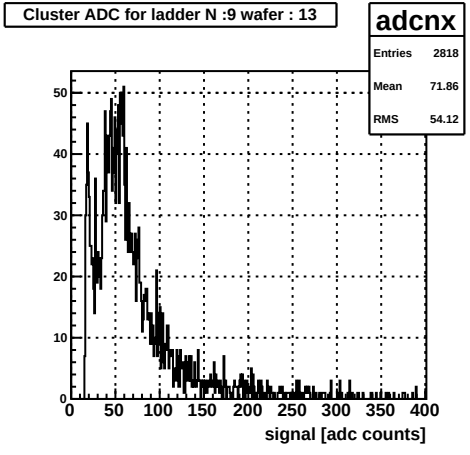

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 7540
Mean 69.54
RMS 56.71
signal [adc counts]

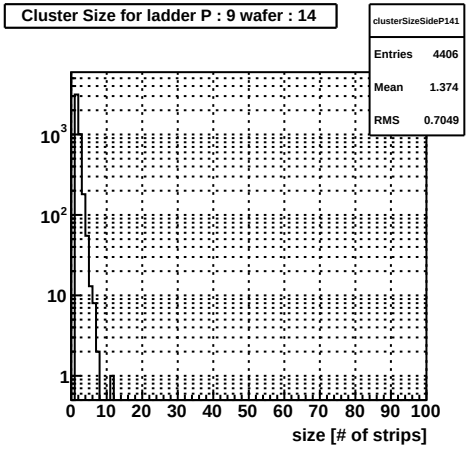

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 10911
Mean 1.305
RMS 0.6167
size [# of strips]

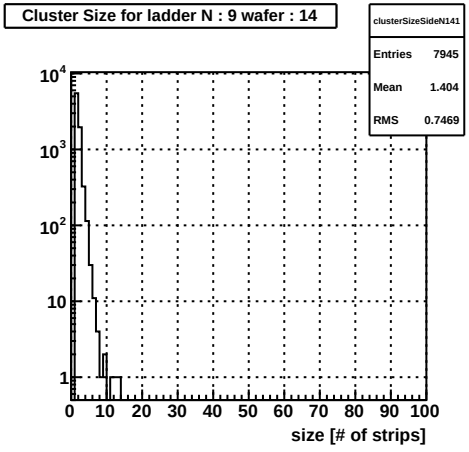

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 2818
Mean 1.52
RMS 0.7866
size [# of strips]

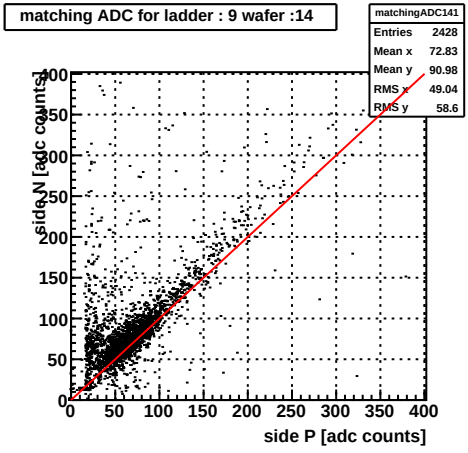

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 2614
Mean x 82.54
Mean y 68.55
RMS x 60.67
RMS y 51.59
side N [adc counts]
side P [adc counts]

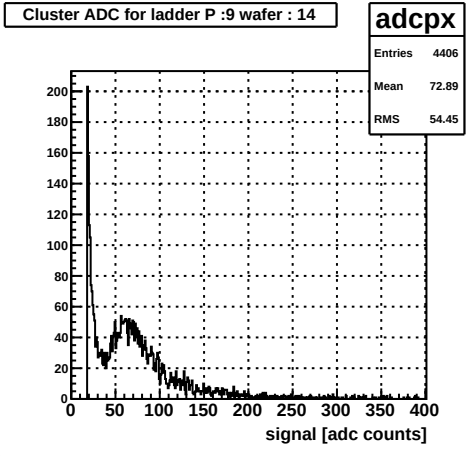

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 10911
Mean 63.12
RMS 54.68
signal [adc counts]

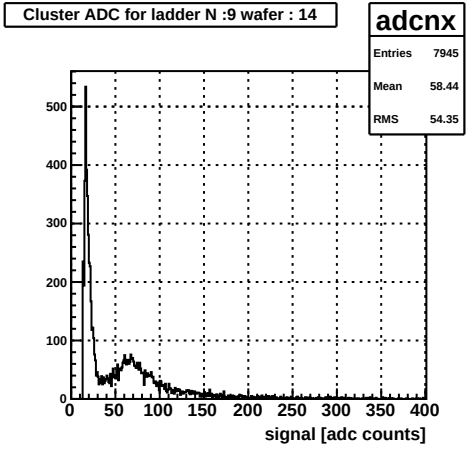

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 2818
Mean 71.86
RMS 54.12
signal [adc counts]

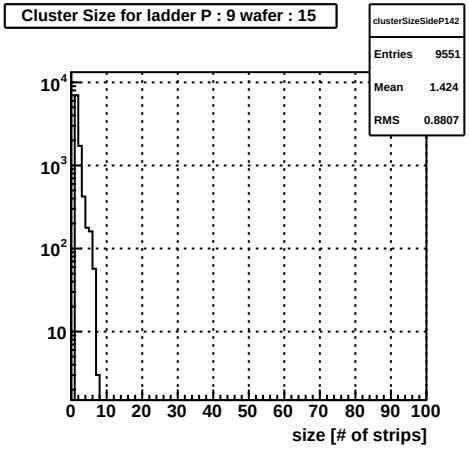

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 4406
Mean 1.374
RMS 0.7049
size [# of strips]

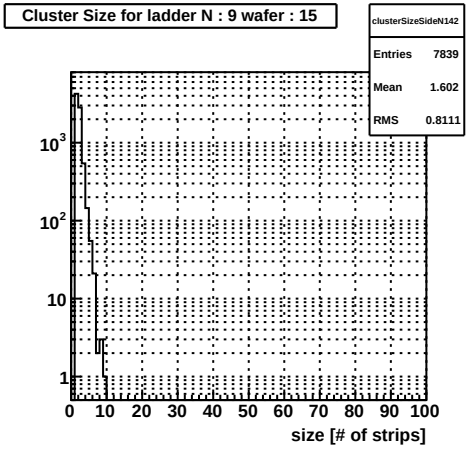

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 7945
Mean 1.404
RMS 0.7469
size [# of strips]

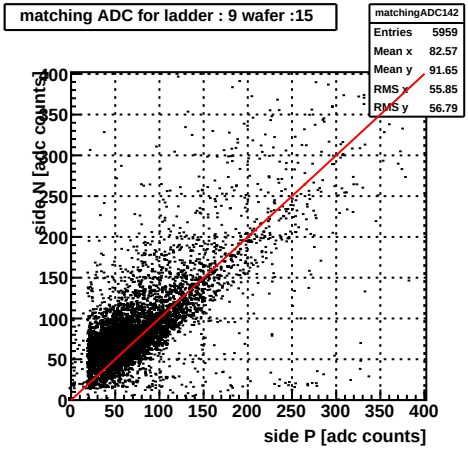

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 2428
Mean x 72.83
Mean y 90.98
RMS x 49.04
RMS y 58.6
side N [adc counts]
side P [adc counts]

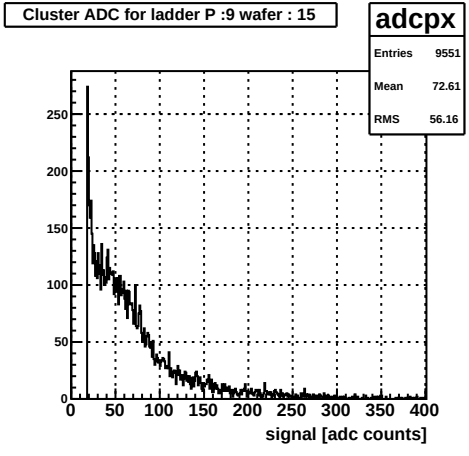

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 4406
Mean 72.89
RMS 54.45
signal [adc counts]

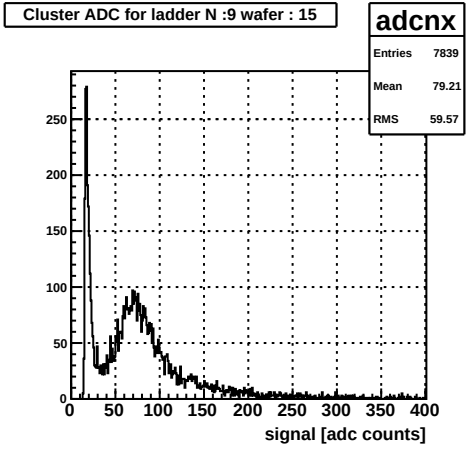

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 7945
Mean 58.44
RMS 54.35
signal [adc counts]

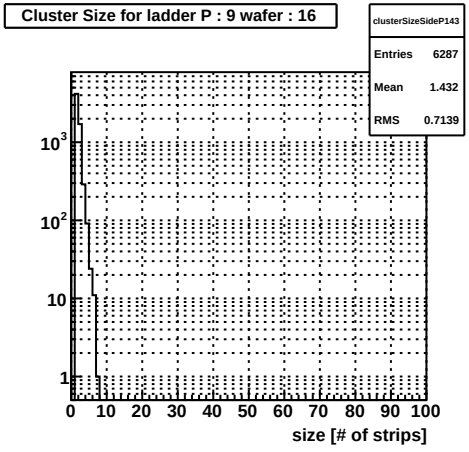

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 9551
Mean 1.424
RMS 0.8807
size [# of strips]

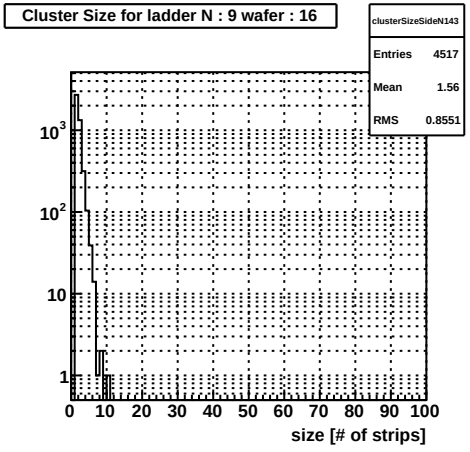

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 7839
Mean 1.602
RMS 0.8111
size [# of strips]

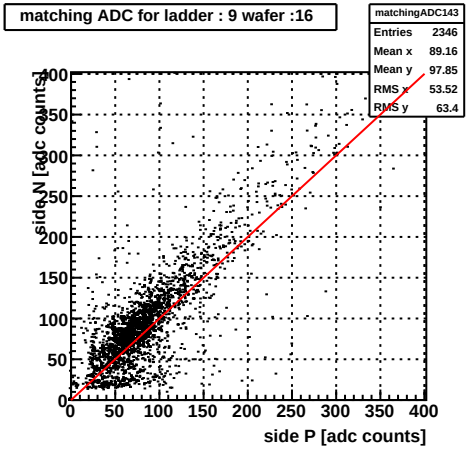

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 5959
Mean x 82.57
Mean y 91.65
RMS x 55.85
RMS y 56.79
side N [adc counts]
side P [adc counts]

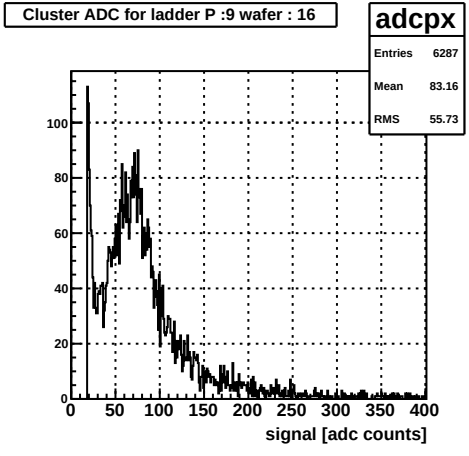

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 9551
Mean 72.61
RMS 56.16
signal [adc counts]

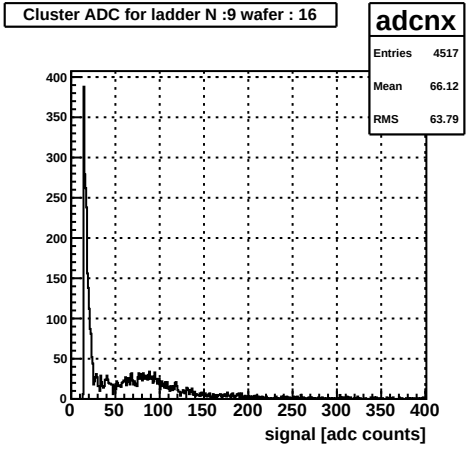

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 7839
Mean 79.21
RMS 59.57
signal [adc counts]

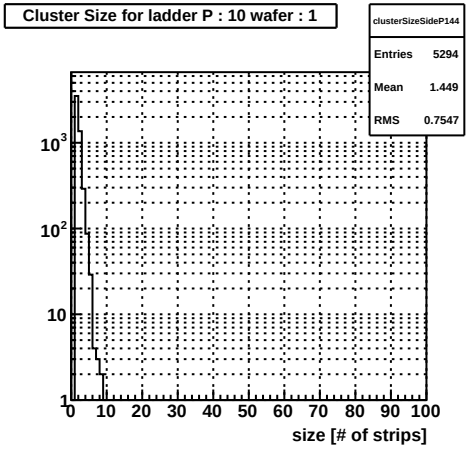

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 6287
Mean 1.432
RMS 0.7139
size [# of strips]

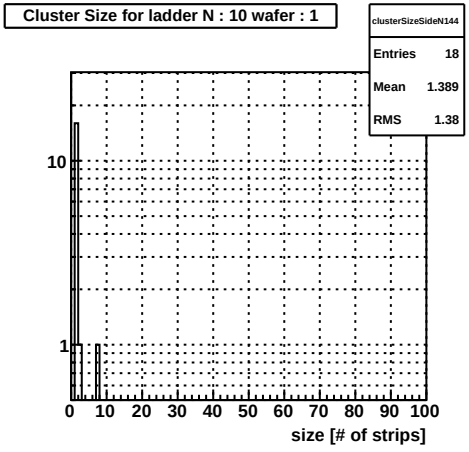

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4517
Mean 1.56
RMS 0.8551
size [# of strips]

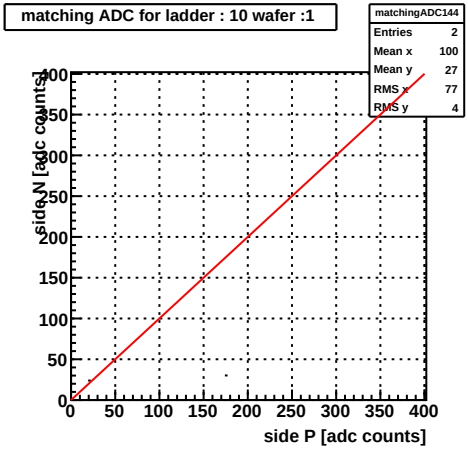

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2346
Mean x 89.16
Mean y 97.85
RMS x 53.52
RMS y 63.4
side N [adc counts]
side P [adc counts]

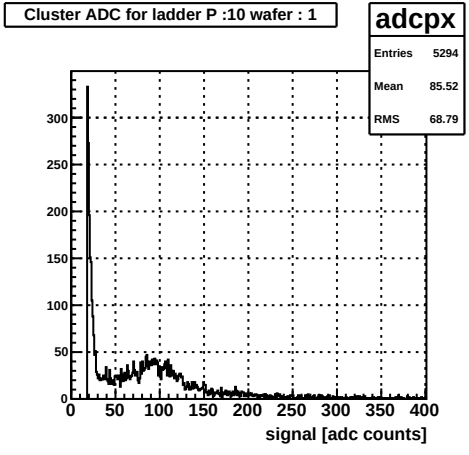

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 6287
Mean 83.16
RMS 55.73
signal [adc counts]

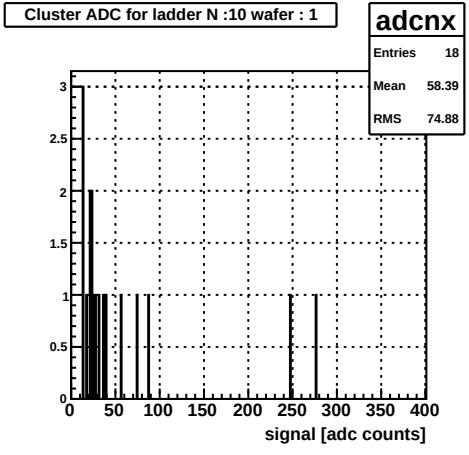

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4517
Mean 66.12
RMS 63.79
signal [adc counts]

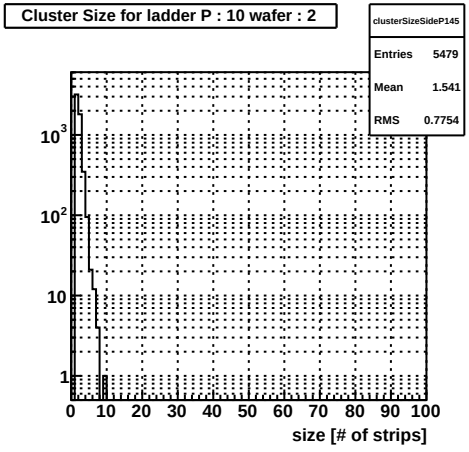

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 5294
Mean 1.449
RMS 0.7547
size [# of strips]

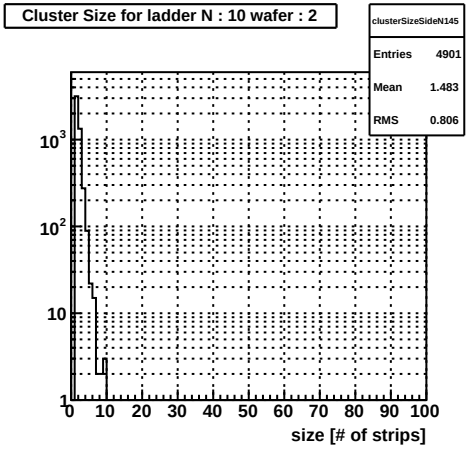

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 18
Mean 1.389
RMS 1.38
size [# of strips]

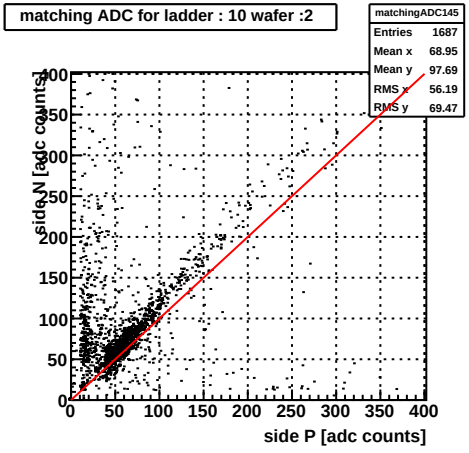

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 2
Mean x 100
Mean y 27
RMS x 77
RMS y 4
side N [adc counts]
side P [adc counts]

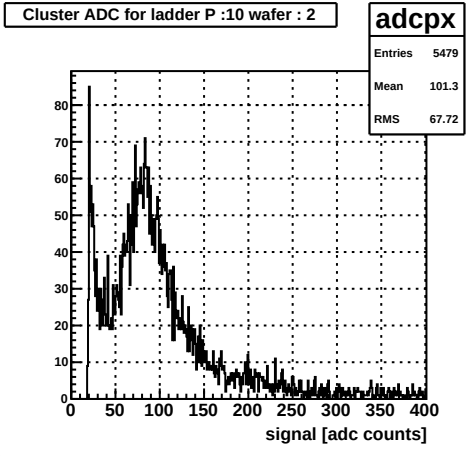

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 5294
Mean 85.52
RMS 68.79
signal [adc counts]

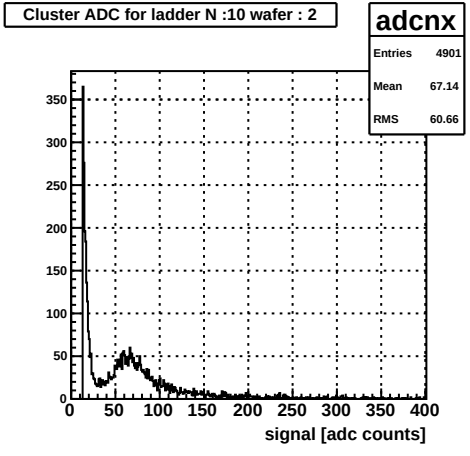

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 18
Mean 58.39
RMS 74.88
signal [adc counts]

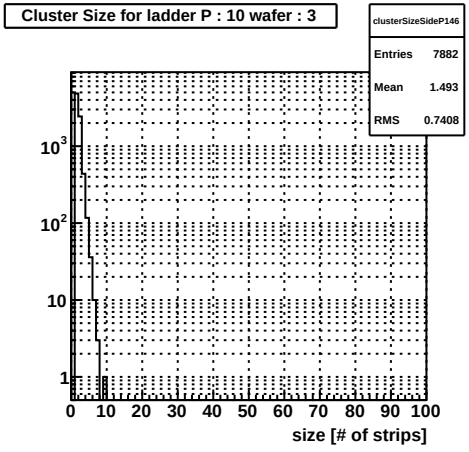

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 5479
Mean 1.541
RMS 0.7754
size [# of strips]

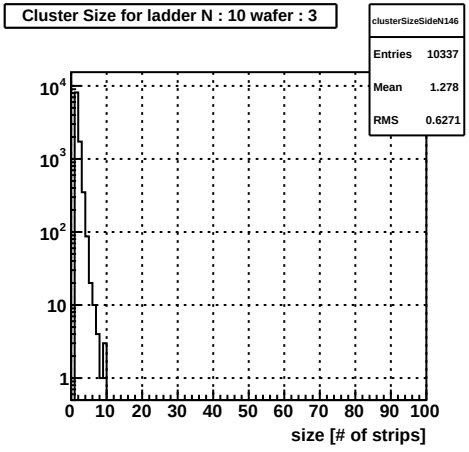

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4901
Mean 1.483
RMS 0.806
size [# of strips]

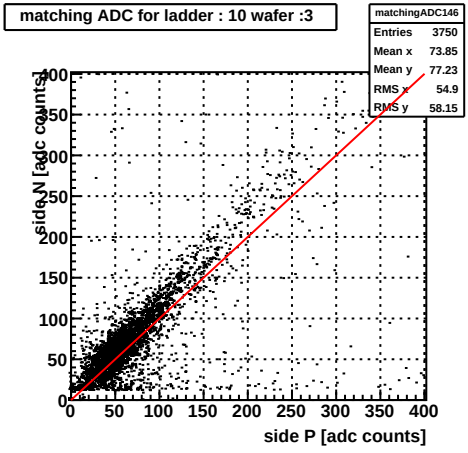

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 1687
Mean x 68.95
Mean y 97.69
RMS x 56.19
RMS y 69.47
side N [adc counts]
side P [adc counts]

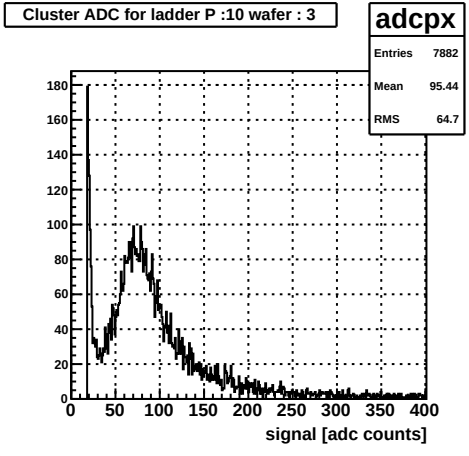

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 5479
Mean 101.3
RMS 67.72
signal [adc counts]

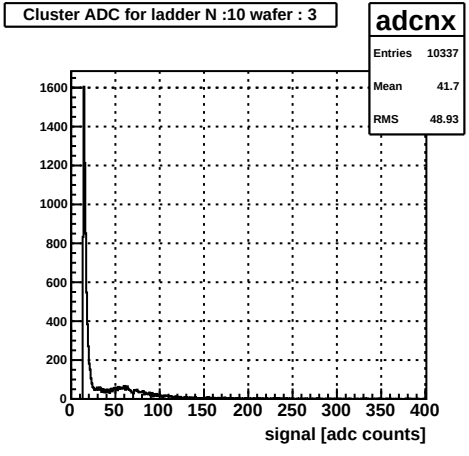

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4901
Mean 67.14
RMS 60.66
signal [adc counts]

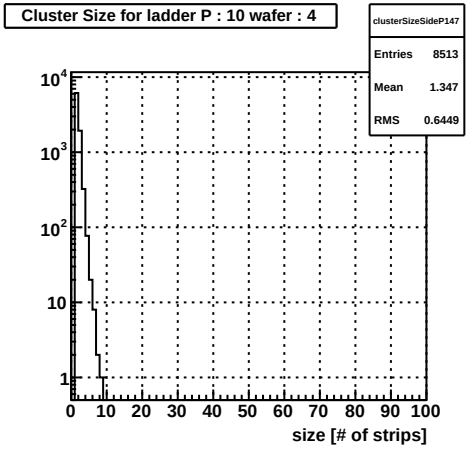

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 7882
Mean 1.493
RMS 0.7408
size [# of strips]

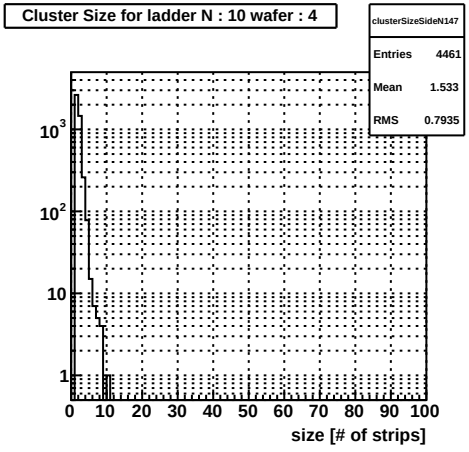

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 10337
Mean 1.278
RMS 0.6271
size [# of strips]

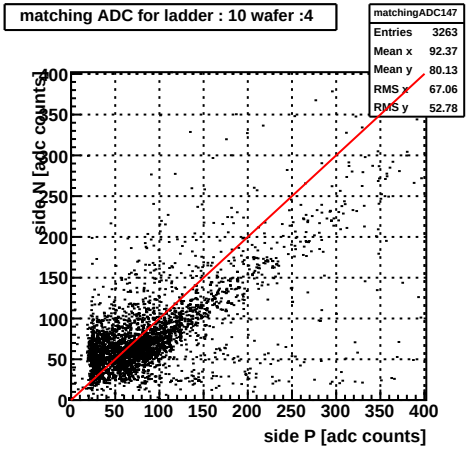

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3750
Mean x 73.85
Mean y 77.23
RMS x 54.9
RMS y 58.15
side N [adc counts]
side P [adc counts]

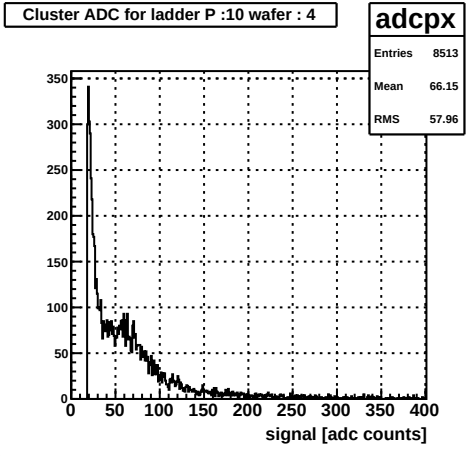

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 7882
Mean 95.44
RMS 64.7
signal [adc counts]

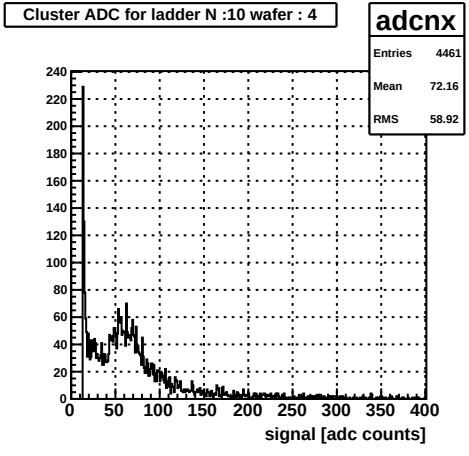

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 10337
Mean 41.7
RMS 48.93
signal [adc counts]

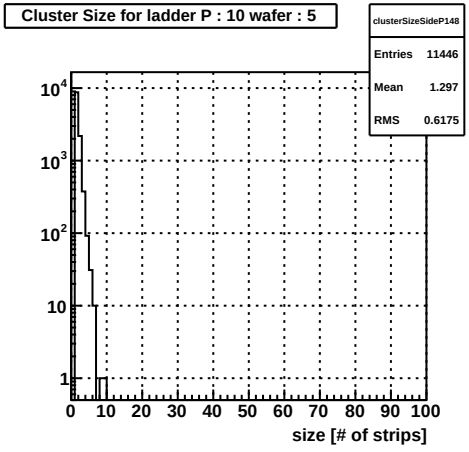

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 8513
Mean 1.347
RMS 0.6449
size [# of strips]

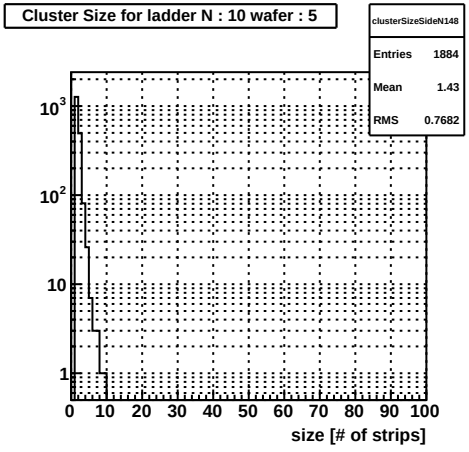

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 4461
Mean 1.533
RMS 0.7935
size [# of strips]

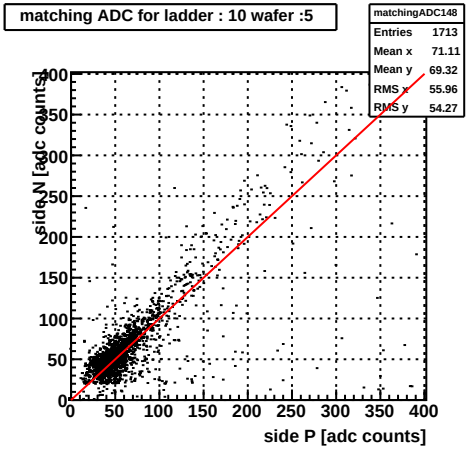

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 3263
Mean x 92.37
Mean y 80.13
RMS x 67.06
RMS y 52.78
side N [adc counts]
side P [adc counts]

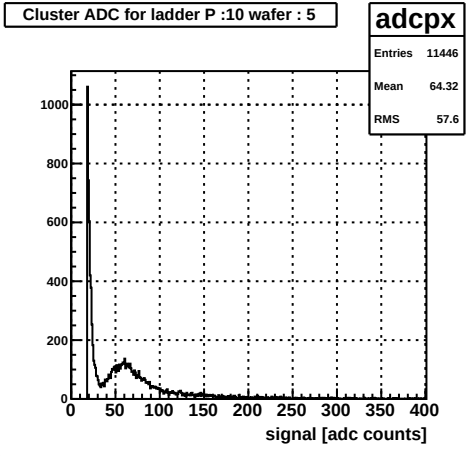

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 8513
Mean 66.15
RMS 57.96
signal [adc counts]

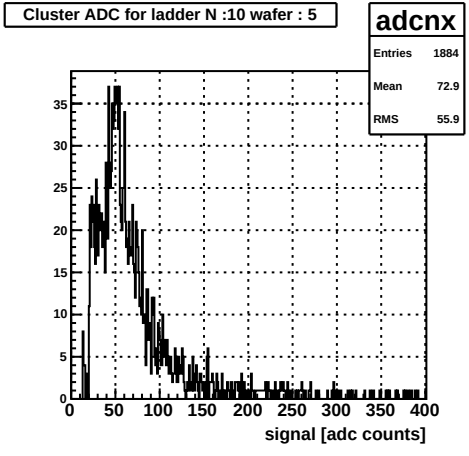

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 4461
Mean 72.16
RMS 58.92
signal [adc counts]

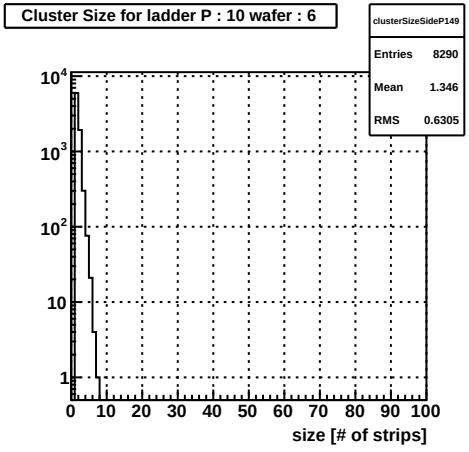

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 11446
Mean 1.297
RMS 0.6175
size [# of strips]

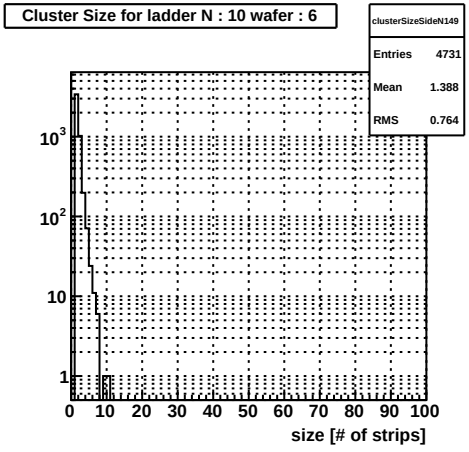

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1884
Mean 1.43
RMS 0.7682
size [# of strips]

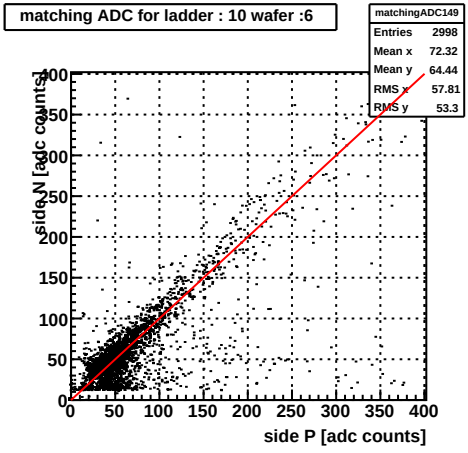

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 1713
Mean x 71.11
Mean y 69.32
RMS x 55.96
RMS y 54.27
side N [adc counts]
side P [adc counts]

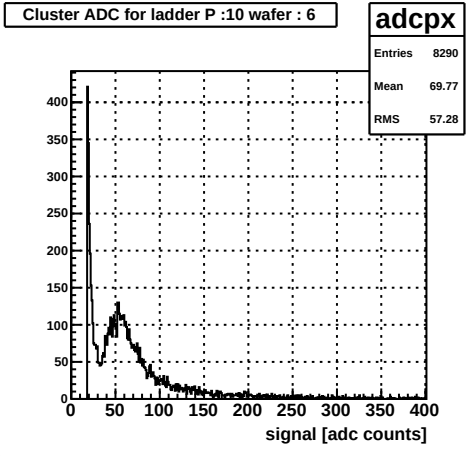

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 11446
Mean 64.32
RMS 57.6
signal [adc counts]

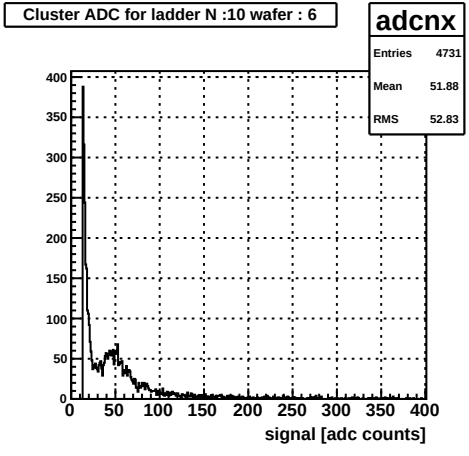

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1884
Mean 72.9
RMS 55.9
signal [adc counts]

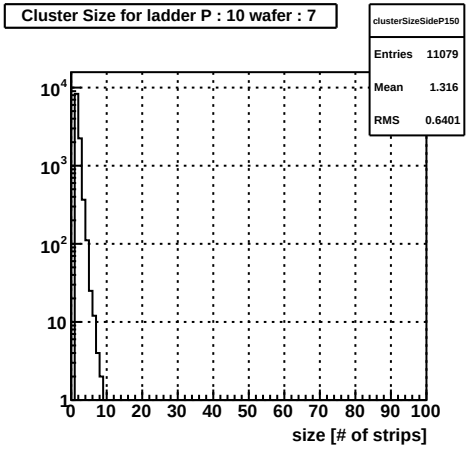

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 8290
Mean 1.346
RMS 0.6305
size [# of strips]

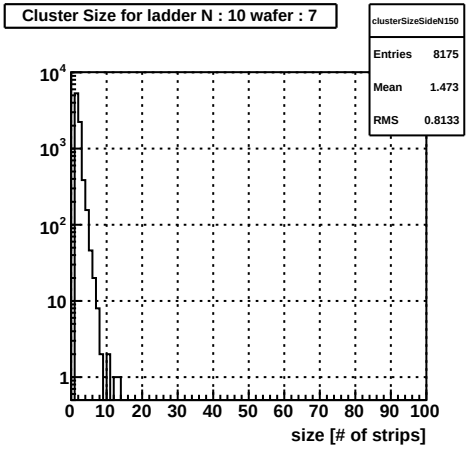

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4731
Mean 1.388
RMS 0.764
size [# of strips]

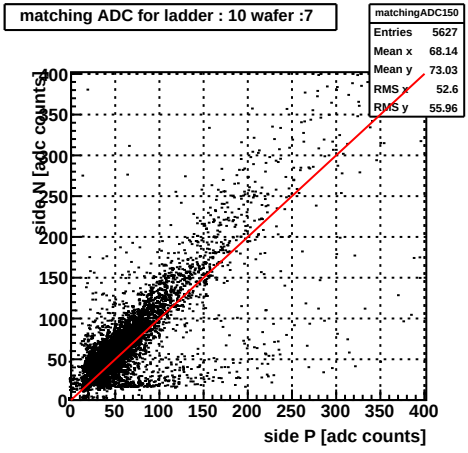

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 2998
Mean x 72.32
Mean y 64.44
RMS x 57.81
RMS y 53.3
side N [adc counts]
side P [adc counts]

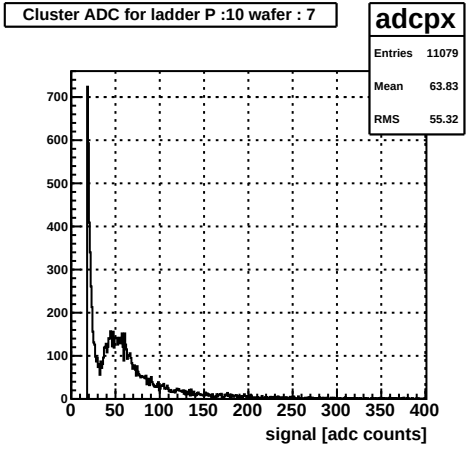

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 8290
Mean 69.77
RMS 57.28
signal [adc counts]

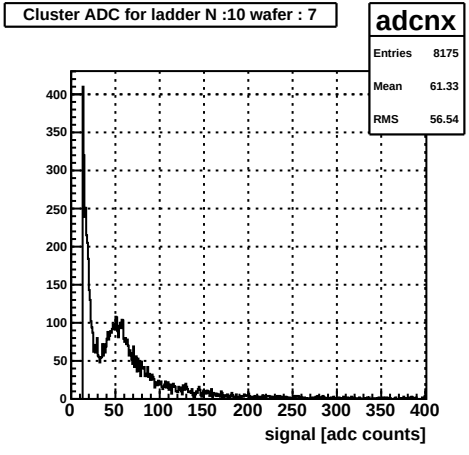

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4731
Mean 51.88
RMS 52.83
signal [adc counts]

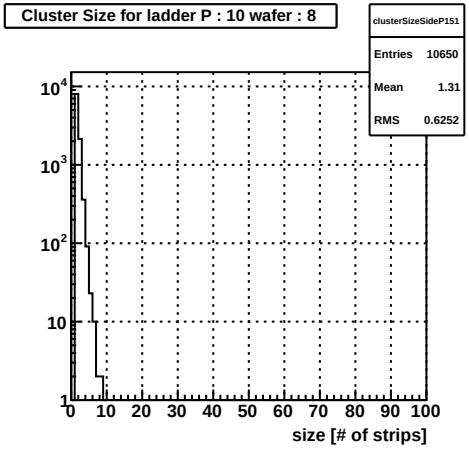

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 11079
Mean 1.316
RMS 0.6401
size [# of strips]

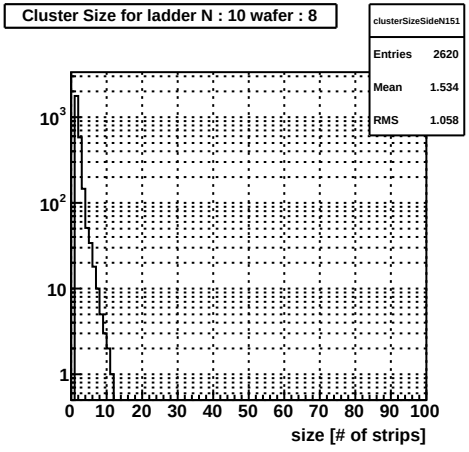

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 8175
Mean 1.473
RMS 0.8133
size [# of strips]

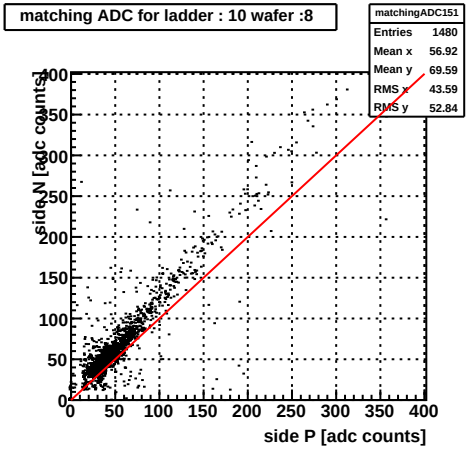

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 5627
Mean x 68.14
Mean y 73.03
RMS x 52.6
RMS y 55.96
side N [adc counts]
side P [adc counts]

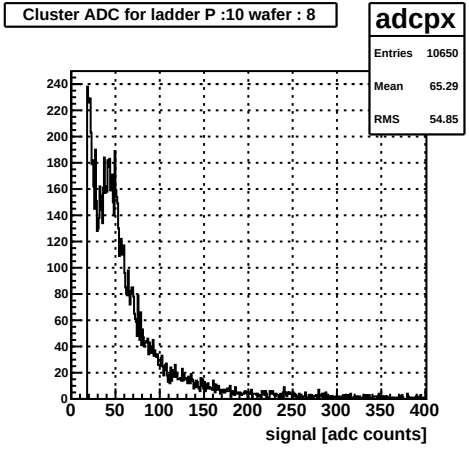

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 11079
Mean 63.83
RMS 55.32
signal [adc counts]

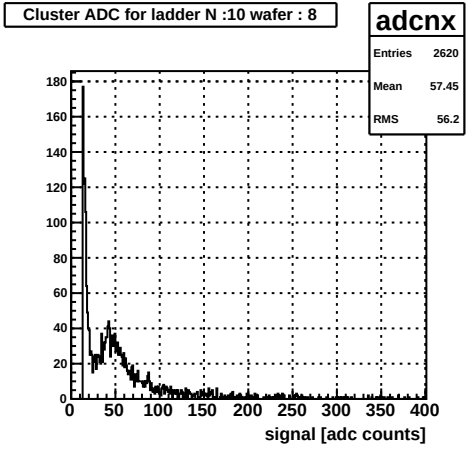

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 8175
Mean 61.33
RMS 56.54
signal [adc counts]

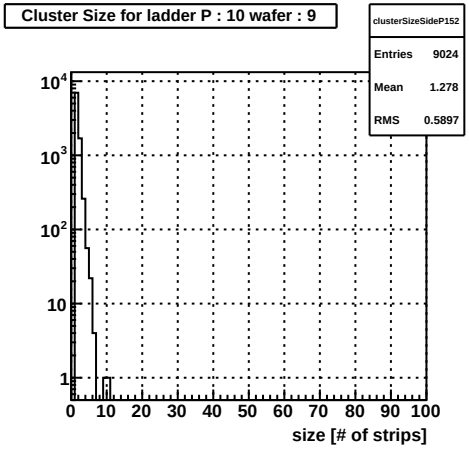

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 10650
Mean 1.31
RMS 0.6252
size [# of strips]

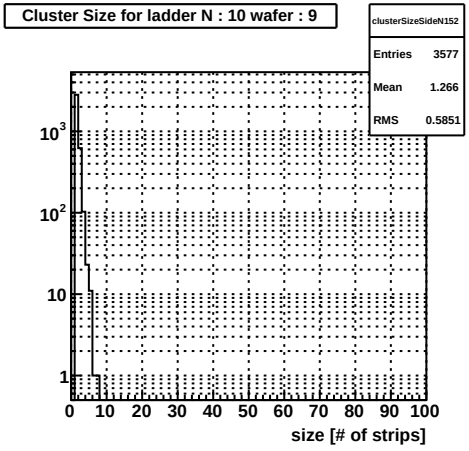

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2620
Mean 1.534
RMS 1.058
size [# of strips]

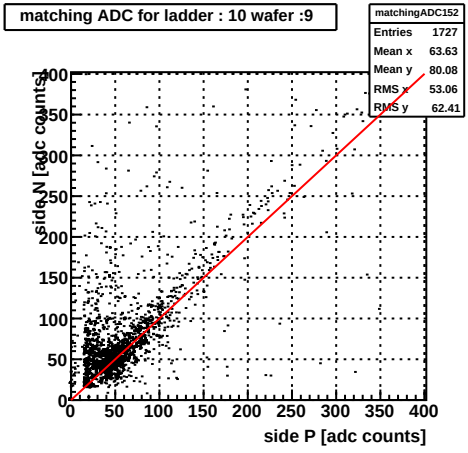

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 1480
Mean x 56.92
Mean y 69.59
RMS x 43.59
RMS y 52.84
side N [adc counts]
side P [adc counts]

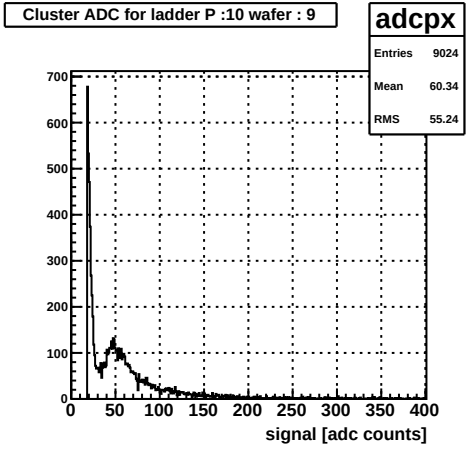

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 10650
Mean 65.29
RMS 54.85
signal [adc counts]

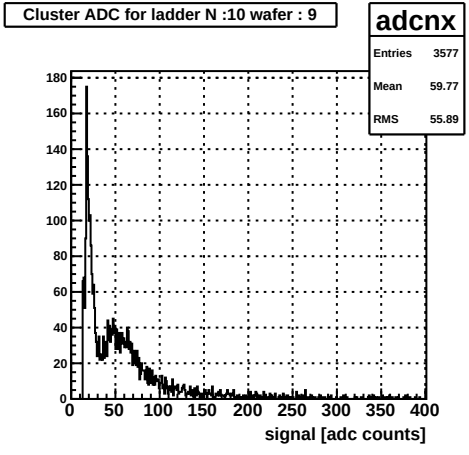

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2620
Mean 57.45
RMS 56.2
signal [adc counts]

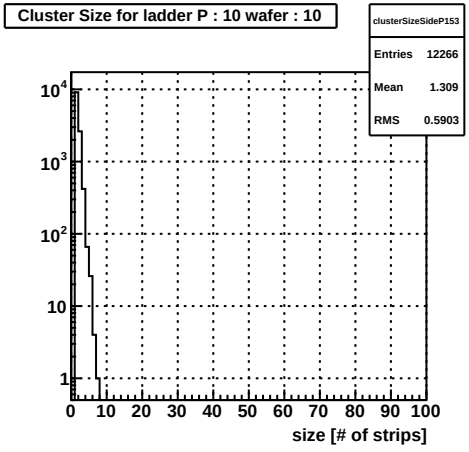

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 9024
Mean 1.278
RMS 0.5897
size [# of strips]

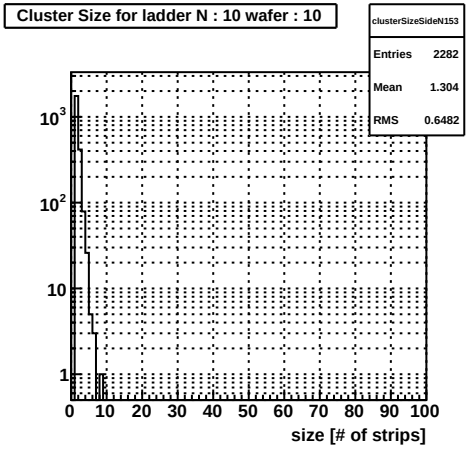

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 3577
Mean 1.266
RMS 0.5851
size [# of strips]

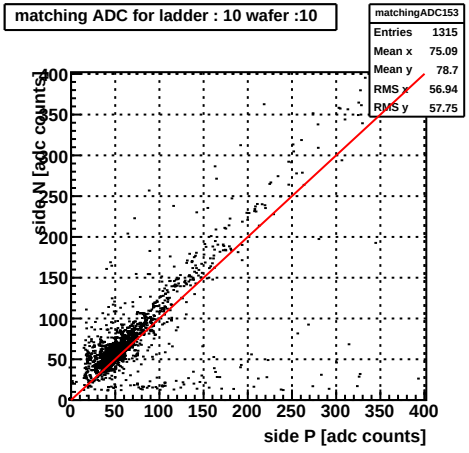

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 1727
Mean x 63.63
Mean y 80.08
RMS x 53.06
RMS y 62.41
side N [adc counts]
side P [adc counts]

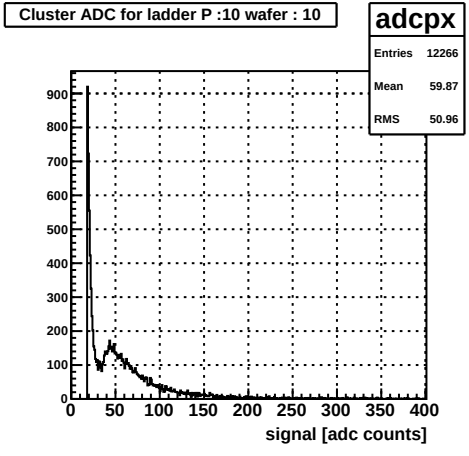

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 9024
Mean 60.34
RMS 55.24
signal [adc counts]

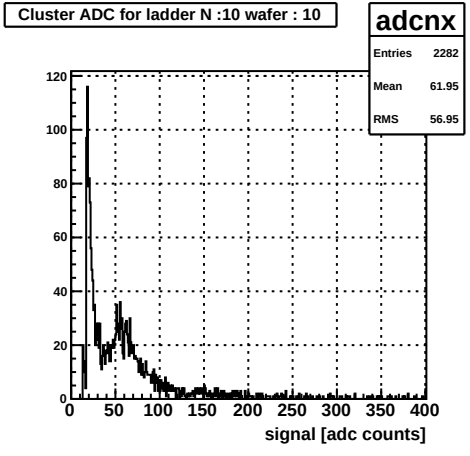

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 3577
Mean 59.77
RMS 55.89
signal [adc counts]

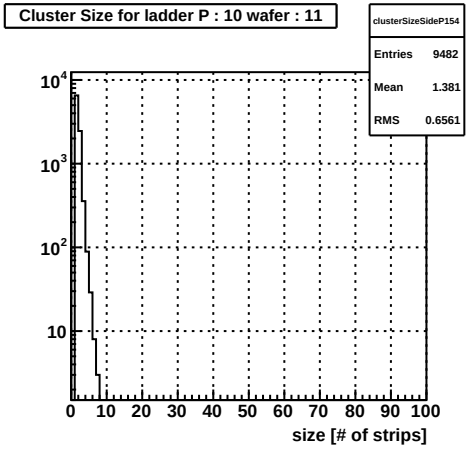

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12266
Mean 1.309
RMS 0.5903
size [# of strips]

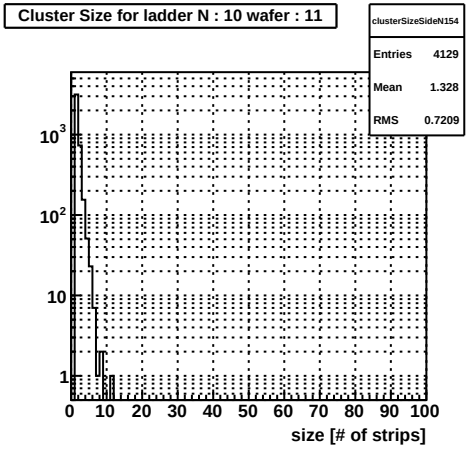

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2282
Mean 1.304
RMS 0.6482
size [# of strips]

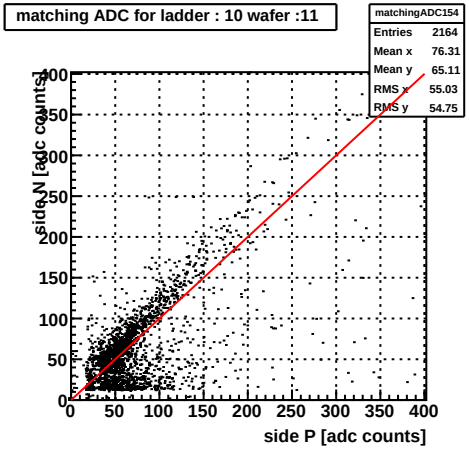

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 1315
Mean x 75.09
Mean y 78.7
RMS x 56.94
RMS y 57.75
side N [adc counts]
side P [adc counts]

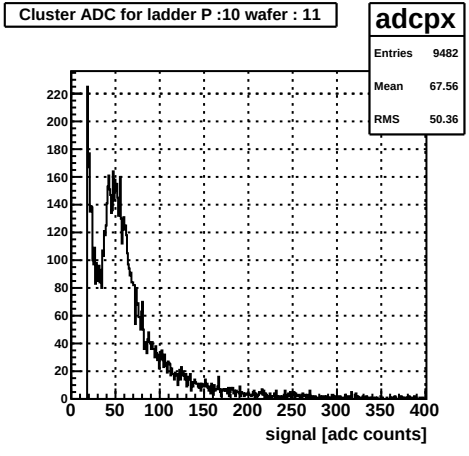

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12266
Mean 59.87
RMS 50.96
signal [adc counts]

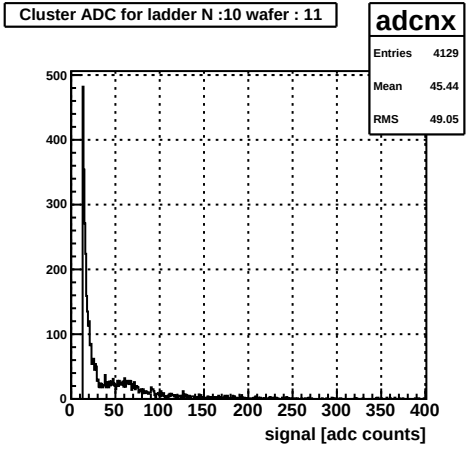

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2282
Mean 61.95
RMS 56.95
signal [adc counts]

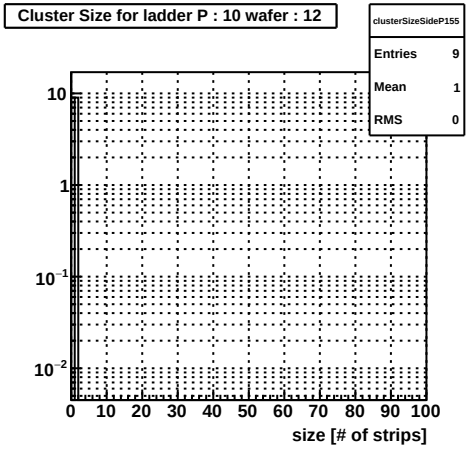

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 9482
Mean 1.381
RMS 0.6561
size [# of strips]

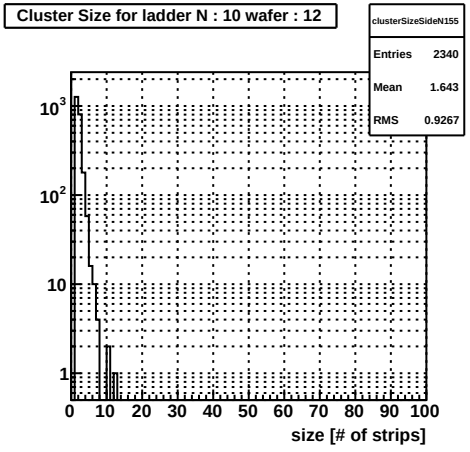

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4129
Mean 1.328
RMS 0.7209
size [# of strips]

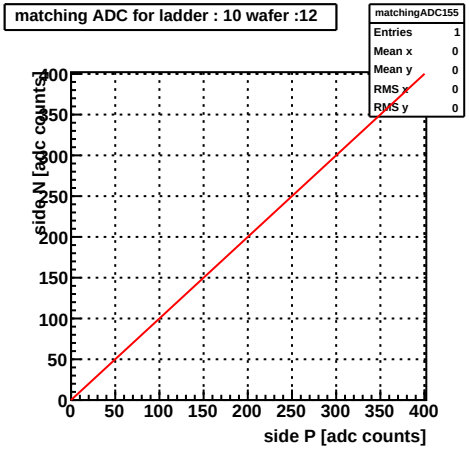

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 2164
Mean x 76.31
Mean y 65.11
RMS x 55.03
RMS y 54.75
side N [adc counts]
side P [adc counts]

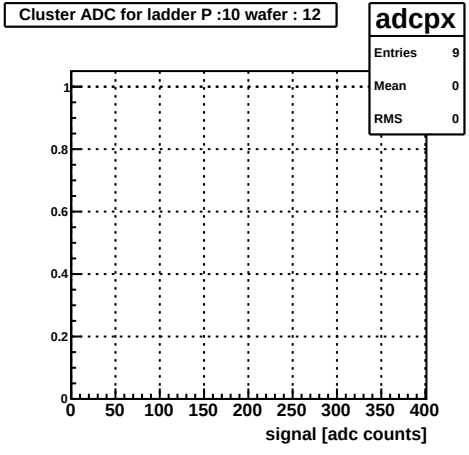

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 9482
Mean 67.56
RMS 50.36
signal [adc counts]

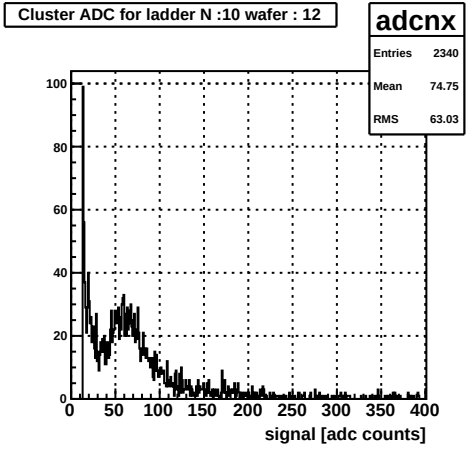

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4129
Mean 45.44
RMS 49.05
signal [adc counts]

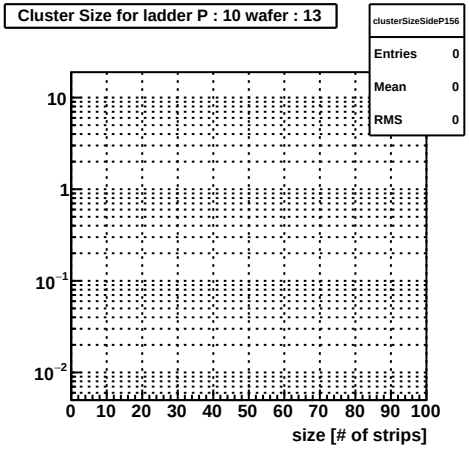

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 9
Mean 1
RMS 0
size [# of strips]

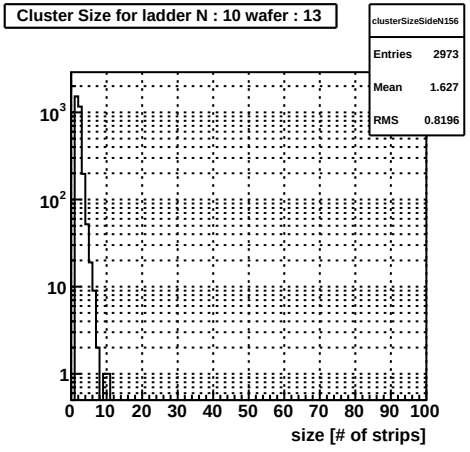

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2340
Mean 1.643
RMS 0.9267
size [# of strips]

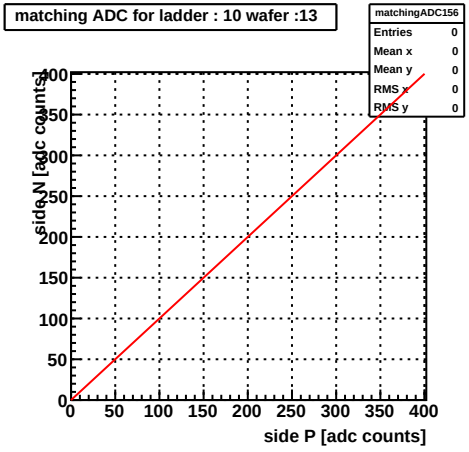

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

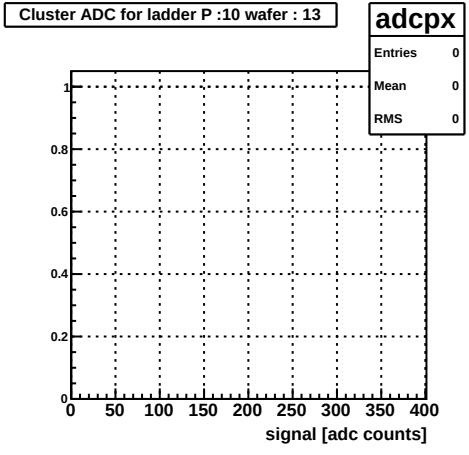

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

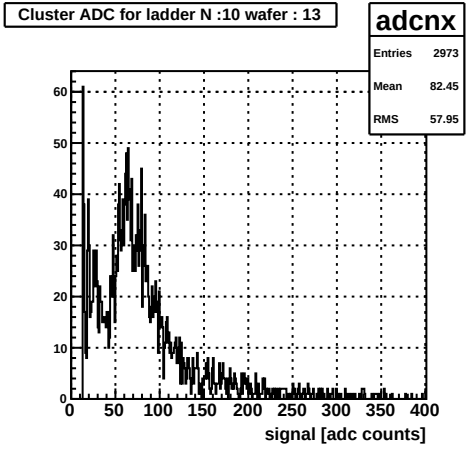

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2340
Mean 74.75
RMS 63.03
signal [adc counts]

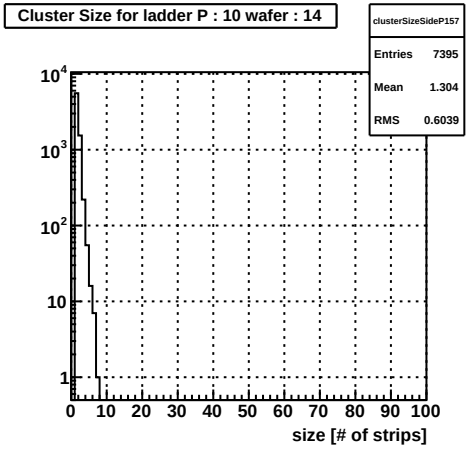

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

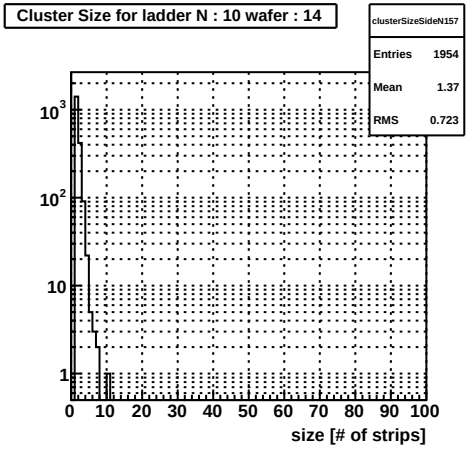

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 2973
Mean 1.627
RMS 0.8196
size [# of strips]

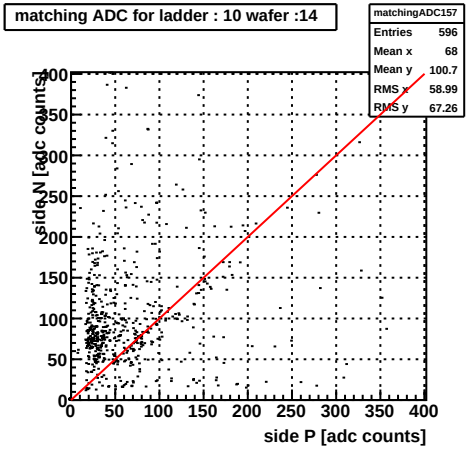

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

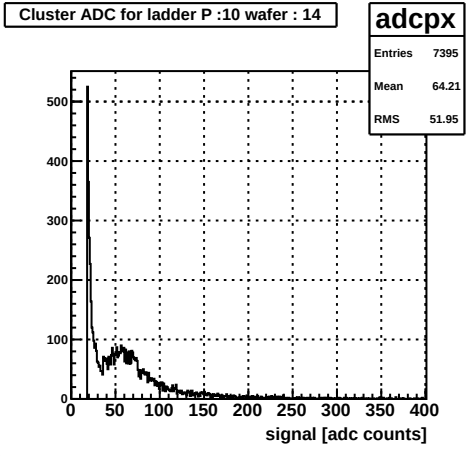

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

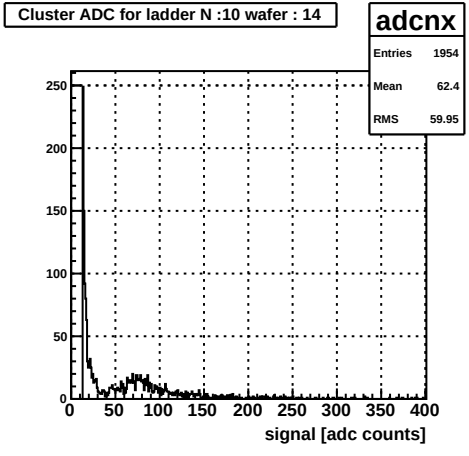

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 2973
Mean 82.45
RMS 57.95
signal [adc counts]

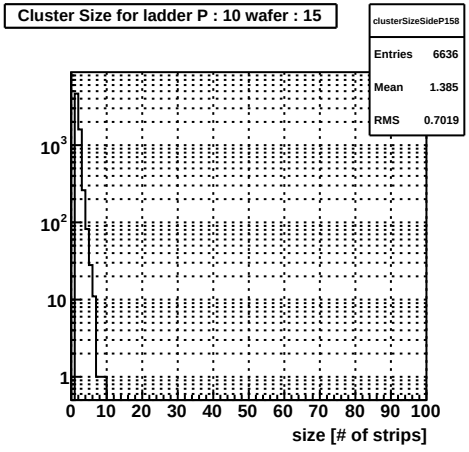

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 7395
Mean 1.304
RMS 0.6039
size [# of strips]

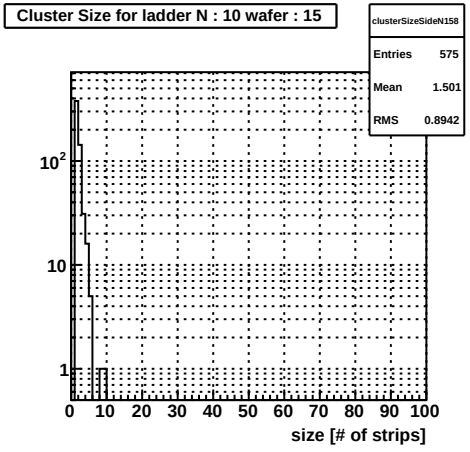

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1954
Mean 1.37
RMS 0.723
size [# of strips]

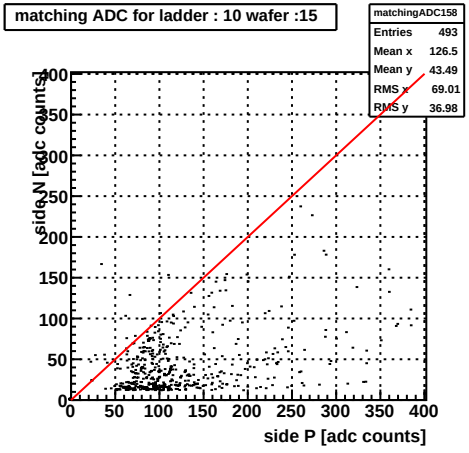

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 596
Mean x 68
Mean y 100.7
RMS x 58.99
RMS y 67.26
side N [adc counts]
side P [adc counts]

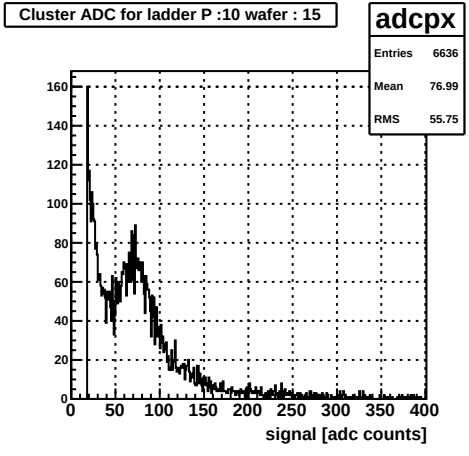

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 7395
Mean 64.21
RMS 51.95
signal [adc counts]

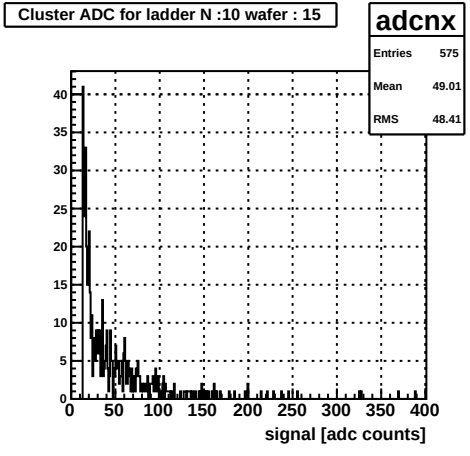

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1954
Mean 62.4
RMS 59.95
signal [adc counts]

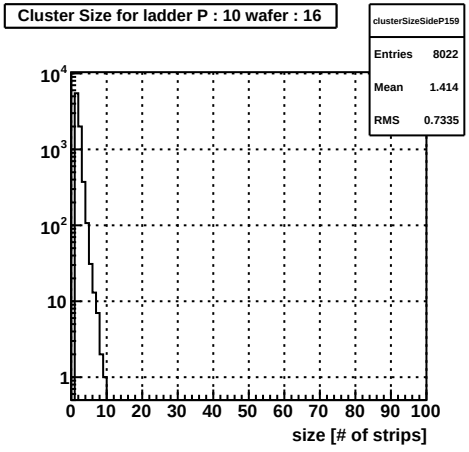

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 6636
Mean 1.385
RMS 0.7019
size [# of strips]

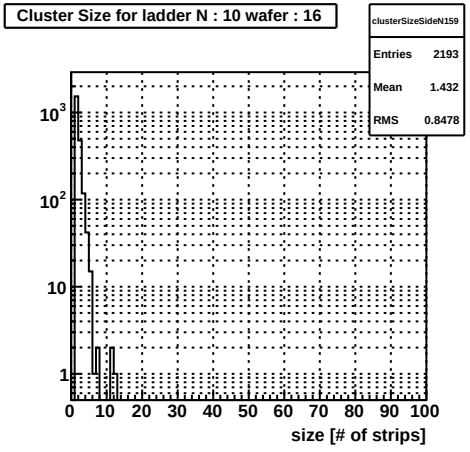

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 575
Mean 1.501
RMS 0.8942
size [# of strips]

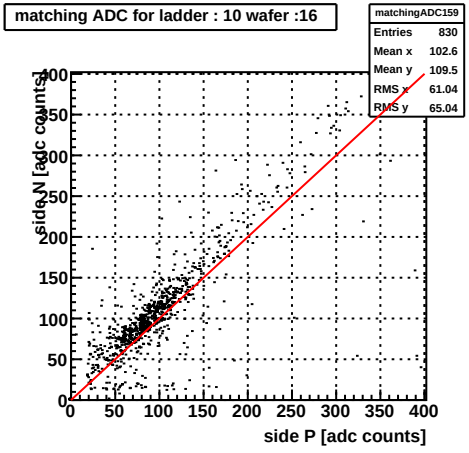

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 493
Mean x 126.5
Mean y 43.49
RMS x 69.01
RMS y 36.98
side N [adc counts]
side P [adc counts]

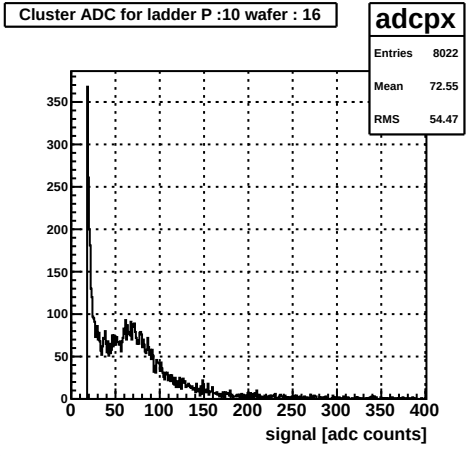

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 6636
Mean 76.99
RMS 55.75
signal [adc counts]

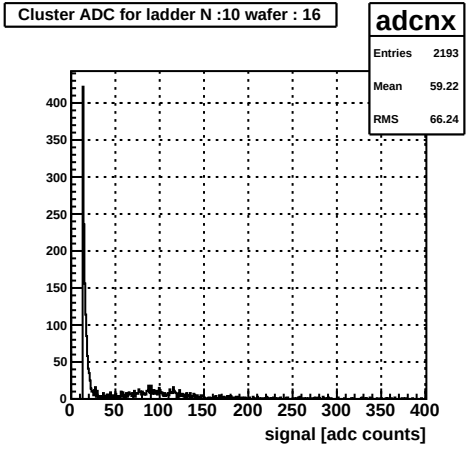

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 575
Mean 49.01
RMS 48.41
signal [adc counts]

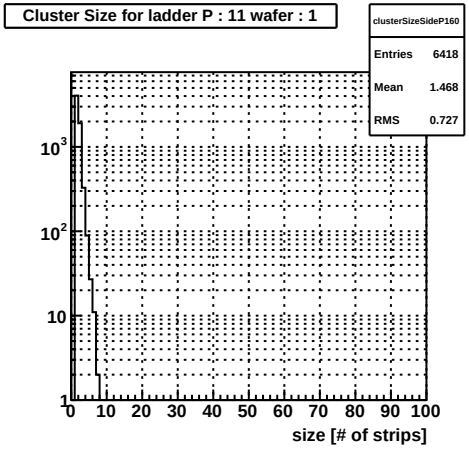

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 8022
Mean 1.414
RMS 0.7335
size [# of strips]

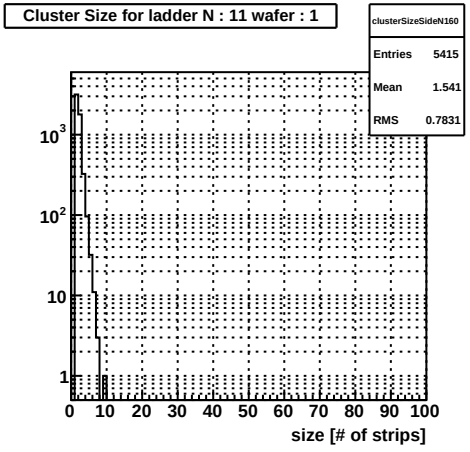

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2193
Mean 1.432
RMS 0.8478
size [# of strips]

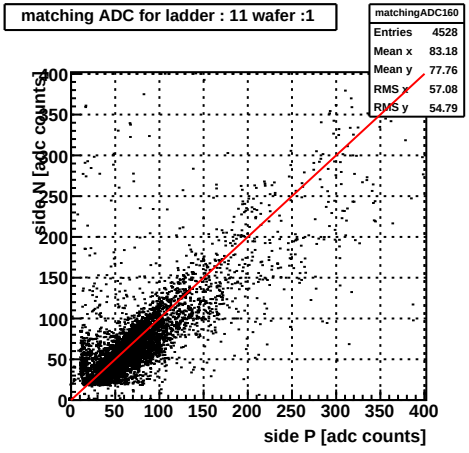

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 830
Mean x 102.6
Mean y 109.5
RMS x 61.04
RMS y 65.04
side N [adc counts]
side P [adc counts]

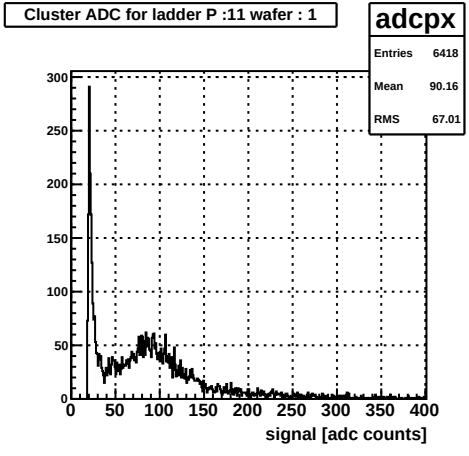

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 8022
Mean 72.55
RMS 54.47
signal [adc counts]

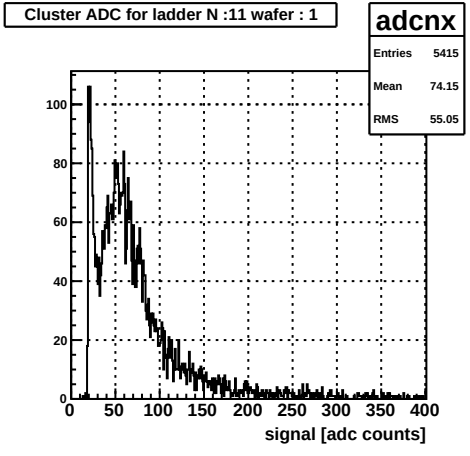

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2193
Mean 59.22
RMS 66.24
signal [adc counts]

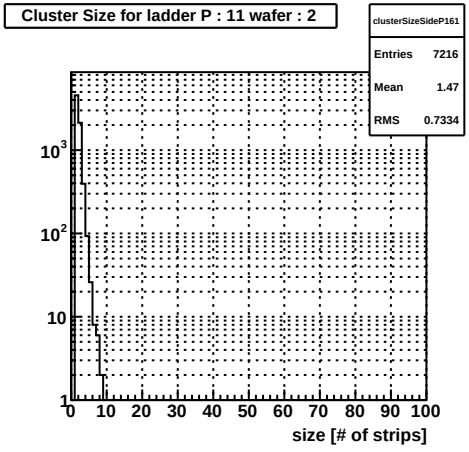

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 6418
Mean 1.468
RMS 0.727
size [# of strips]

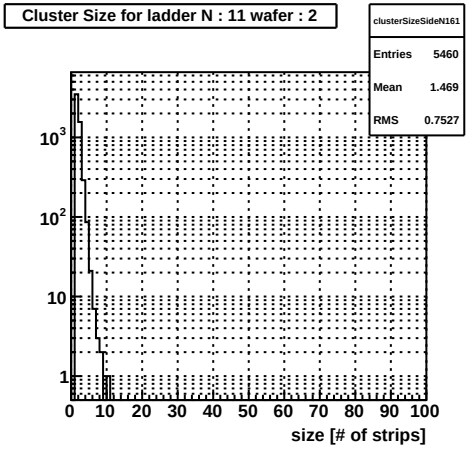

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 5415
Mean 1.541
RMS 0.7831
size [# of strips]

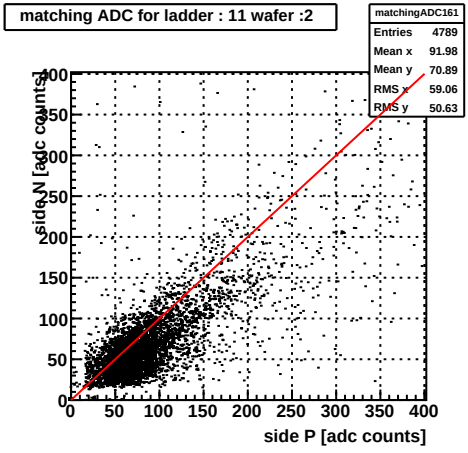

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 4528
Mean x 83.18
Mean y 77.76
RMS x 57.08
RMS y 54.79
side N [adc counts]
side P [adc counts]

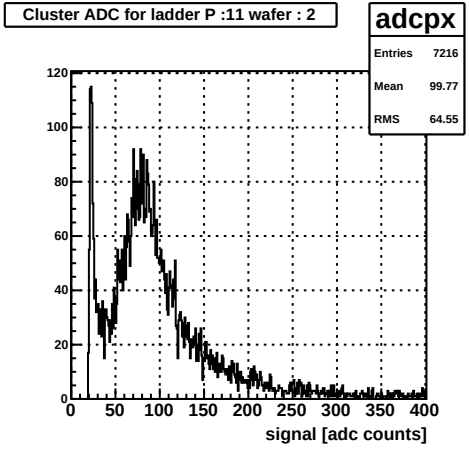

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 6418
Mean 90.16
RMS 67.01
signal [adc counts]

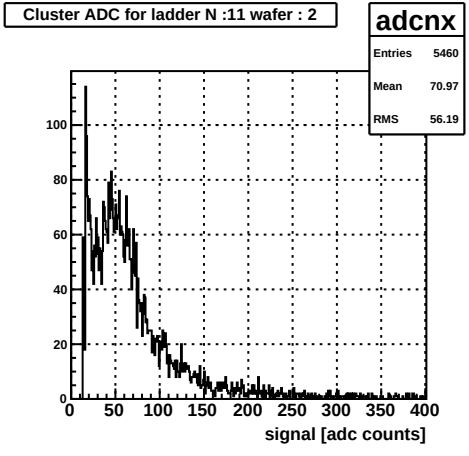

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 5415
Mean 74.15
RMS 55.05
signal [adc counts]

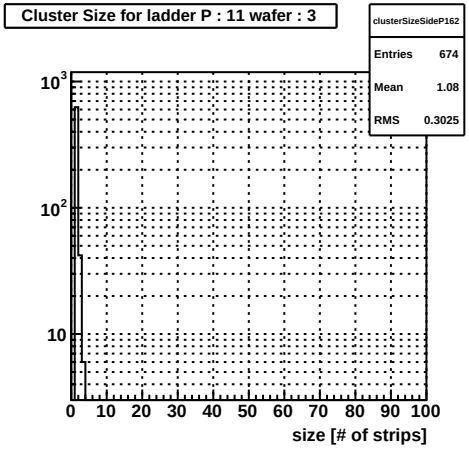

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 7216
Mean 1.47
RMS 0.7334
size [# of strips]

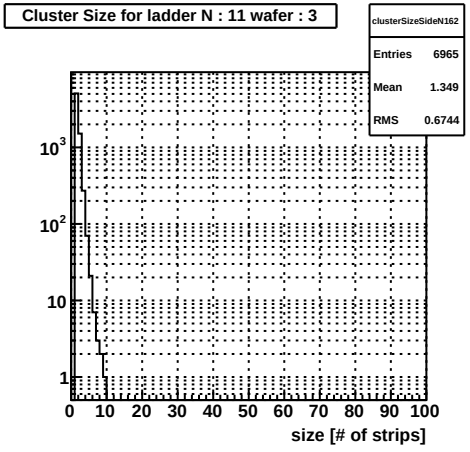

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5460
Mean 1.469
RMS 0.7527
size [# of strips]

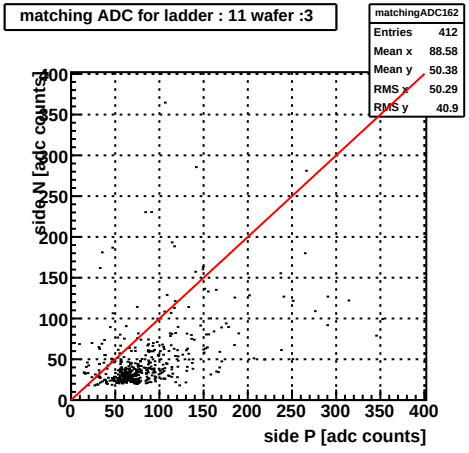

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 4789
Mean x 91.98
Mean y 70.89
RMS x 59.06
RMS y 50.63
side N [adc counts]
side P [adc counts]

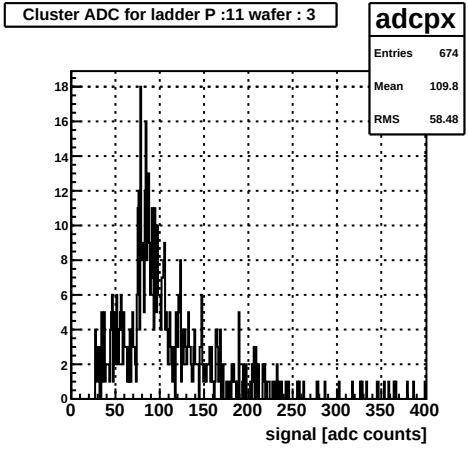

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 7216
Mean 99.77
RMS 64.55
signal [adc counts]

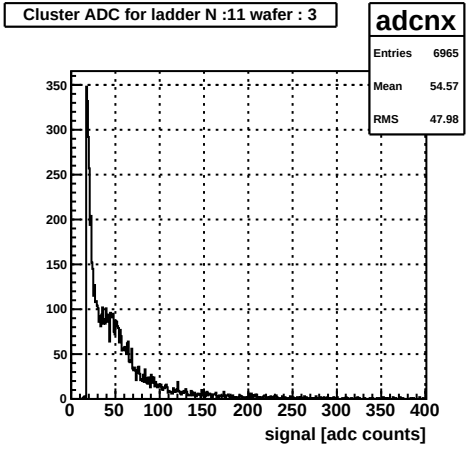

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5460
Mean 70.97
RMS 56.19
signal [adc counts]

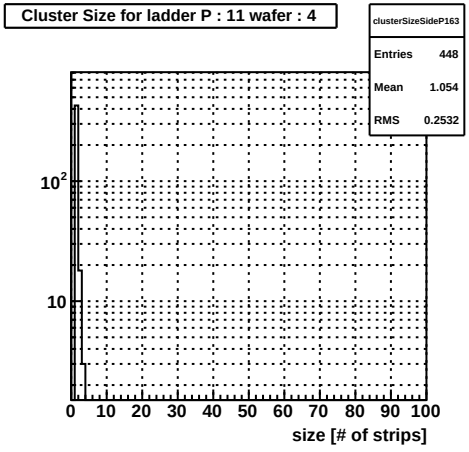

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 674
Mean 1.08
RMS 0.3025
size [# of strips]

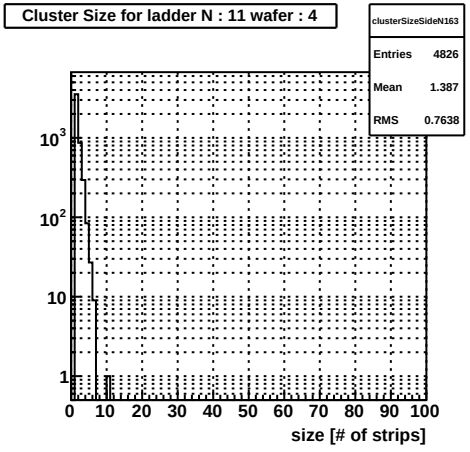

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 6965
Mean 1.349
RMS 0.6744
size [# of strips]

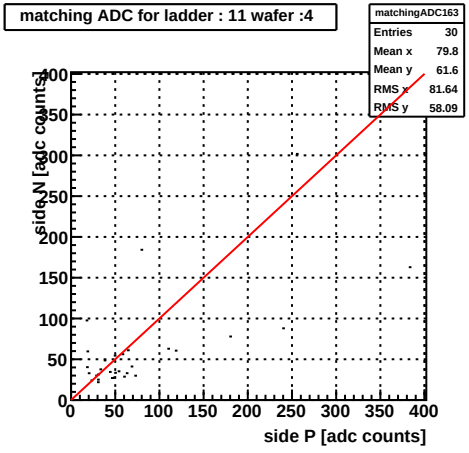

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 412
Mean x 88.58
Mean y 50.38
RMS x 50.29
RMS y 40.9
side N [adc counts]
side P [adc counts]

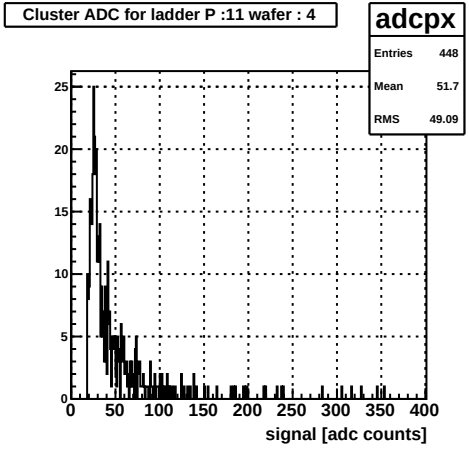

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 674
Mean 109.8
RMS 58.48
signal [adc counts]

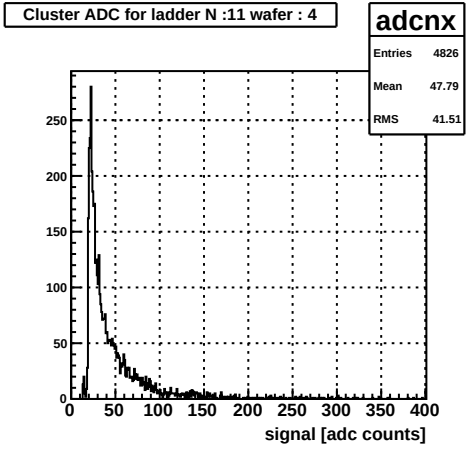

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 6965
Mean 54.57
RMS 47.98
signal [adc counts]

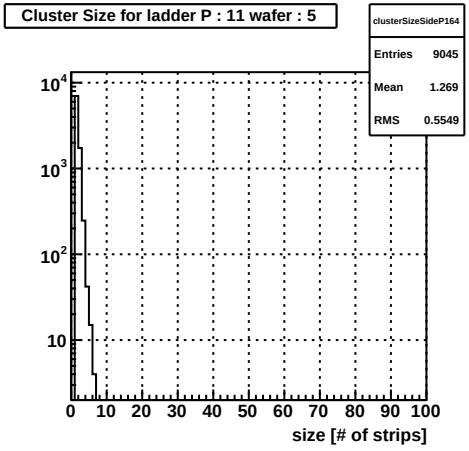

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 448
Mean 1.054
RMS 0.2532
size [# of strips]

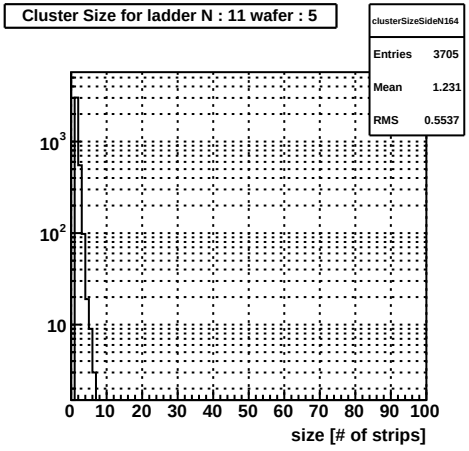

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4826
Mean 1.387
RMS 0.7638
size [# of strips]

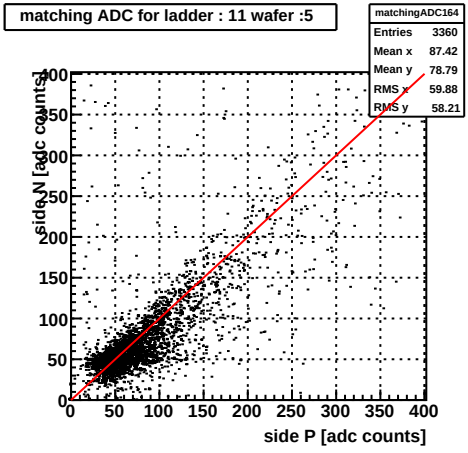

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 30
Mean x 79.8
Mean y 61.6
RMS x 81.64
RMS y 58.09
side N [adc counts]
side P [adc counts]

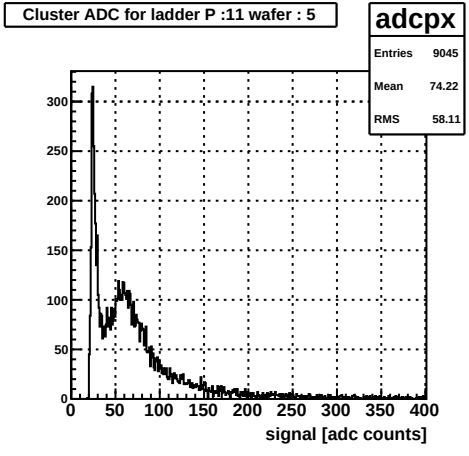

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 448
Mean 51.7
RMS 49.09
signal [adc counts]

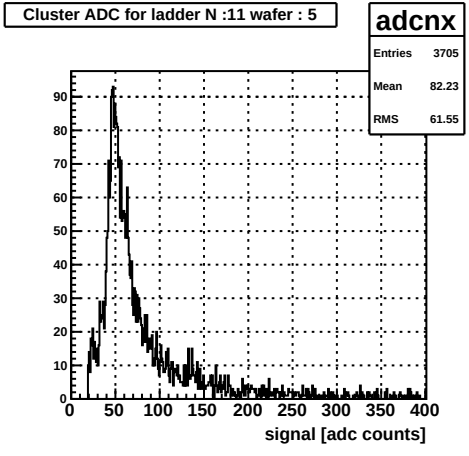

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4826
Mean 47.79
RMS 41.51
signal [adc counts]

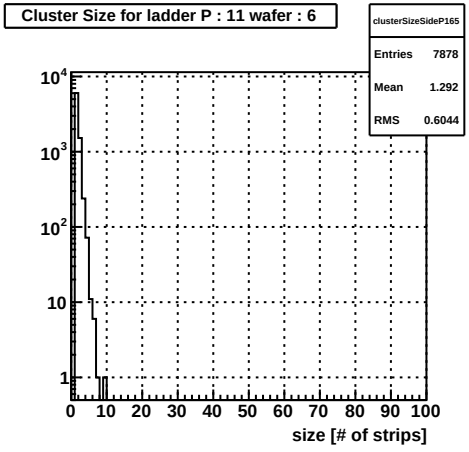

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 9045
Mean 1.269
RMS 0.5549
size [# of strips]

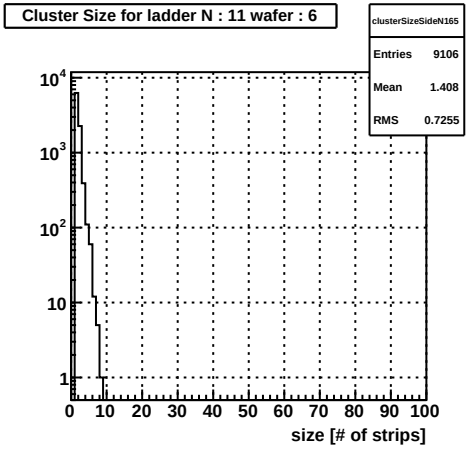

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 3705
Mean 1.231
RMS 0.5537
size [# of strips]

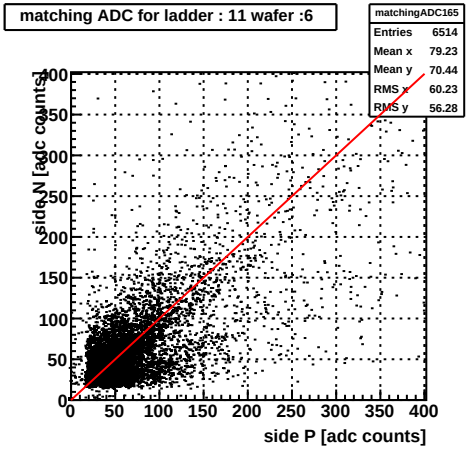

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 3360
Mean x 87.42
Mean y 78.79
RMS x 59.88
RMS y 58.21
side N [adc counts]
side P [adc counts]

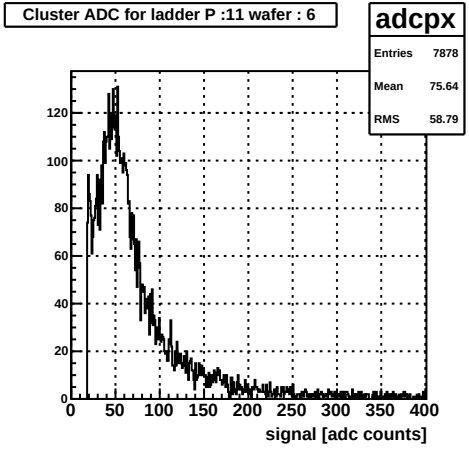

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 9045
Mean 74.22
RMS 58.11
signal [adc counts]

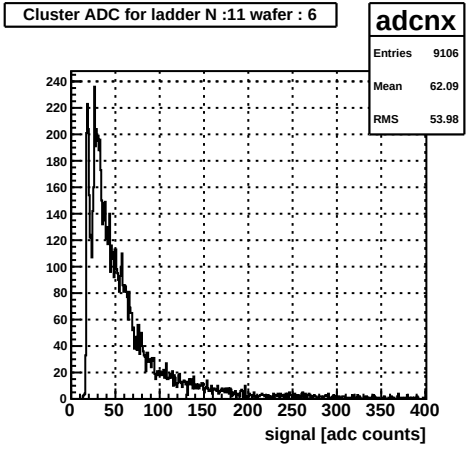

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 3705
Mean 82.23
RMS 61.55
signal [adc counts]

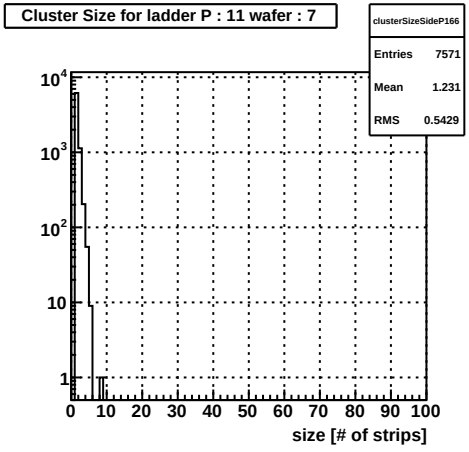

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 7878
Mean 1.292
RMS 0.6044
size [# of strips]

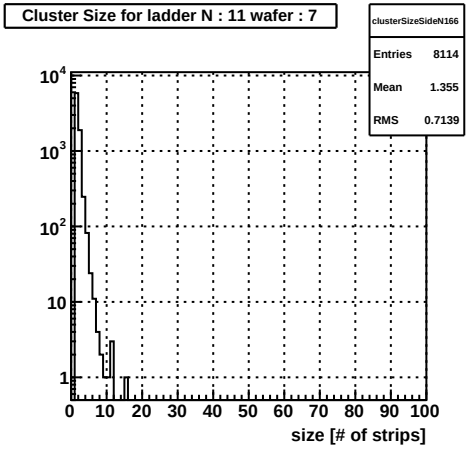

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 9106
Mean 1.408
RMS 0.7255
size [# of strips]

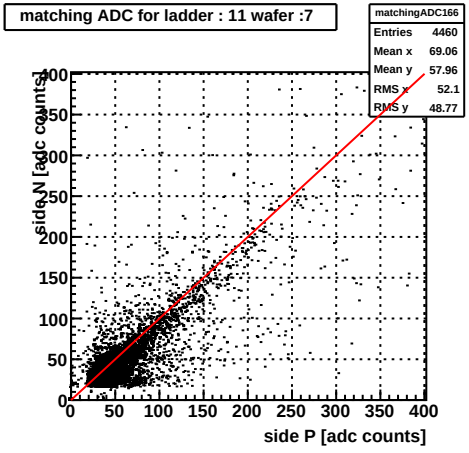

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 6514
Mean x 79.23
Mean y 70.44
RMS x 60.23
RMS y 56.28
side N [adc counts]
side P [adc counts]

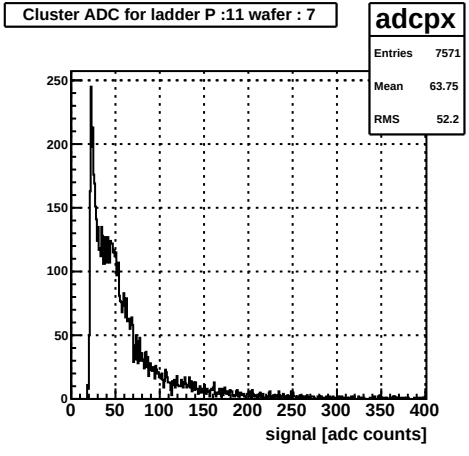

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 7878
Mean 75.64
RMS 58.79
signal [adc counts]

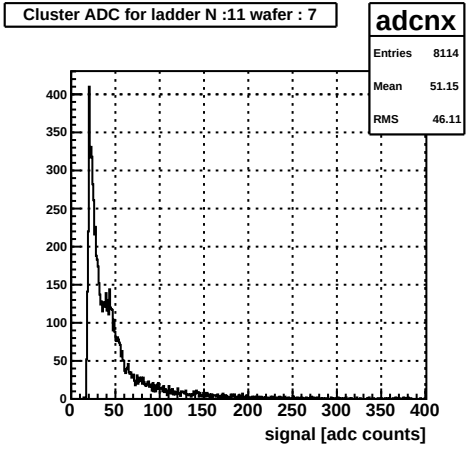

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 9106
Mean 62.09
RMS 53.98
signal [adc counts]

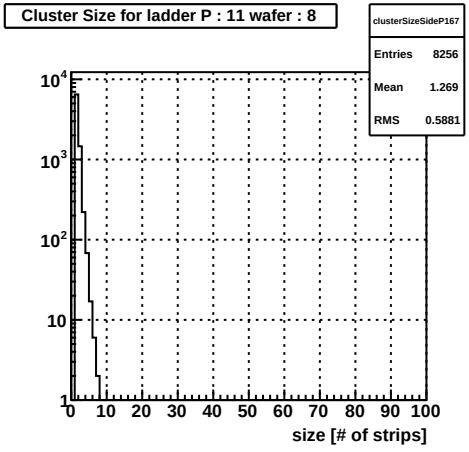

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 7571
Mean 1.231
RMS 0.5429
size [# of strips]

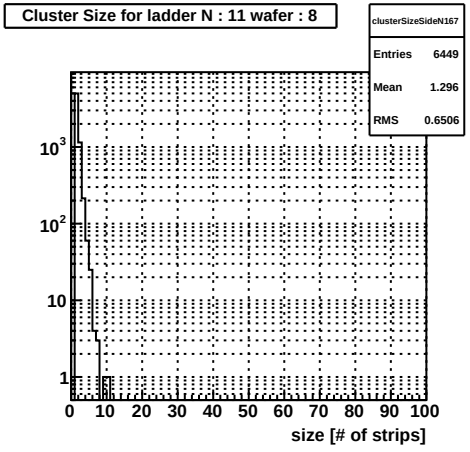

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 8114
Mean 1.355
RMS 0.7139
size [# of strips]

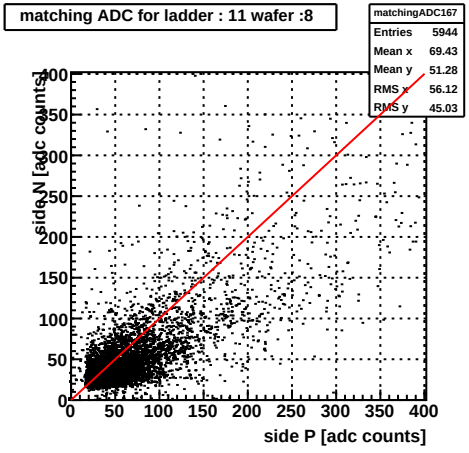

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 4460
Mean x 69.06
Mean y 57.96
RMS x 52.1
RMS y 48.77
side N [adc counts]
side P [adc counts]

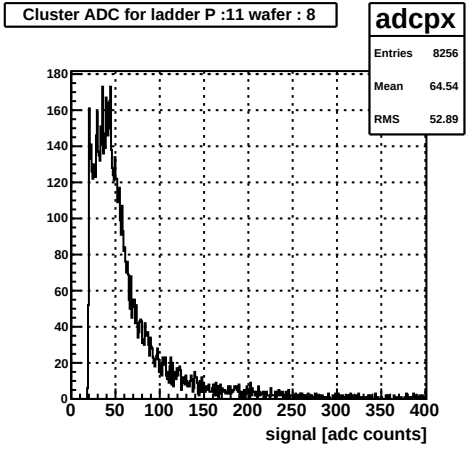

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 7571
Mean 63.75
RMS 52.2
signal [adc counts]

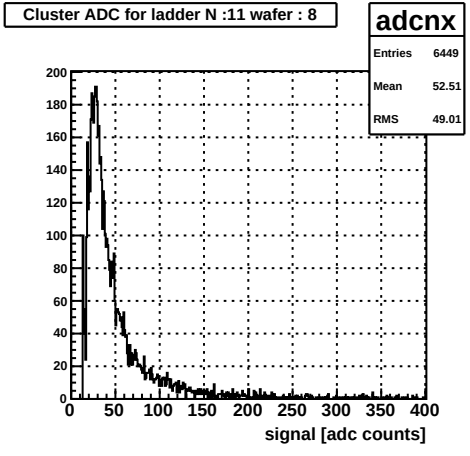

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 8114
Mean 51.15
RMS 46.11
signal [adc counts]

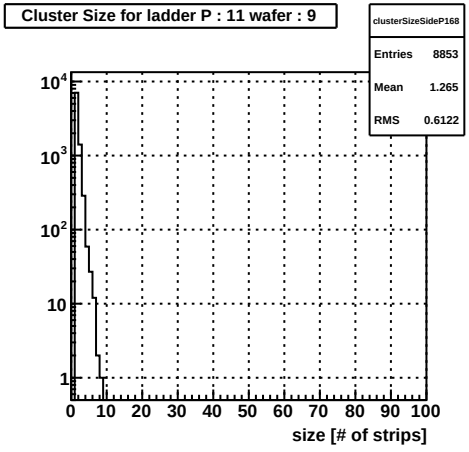

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8256
Mean 1.269
RMS 0.5881
size [# of strips]

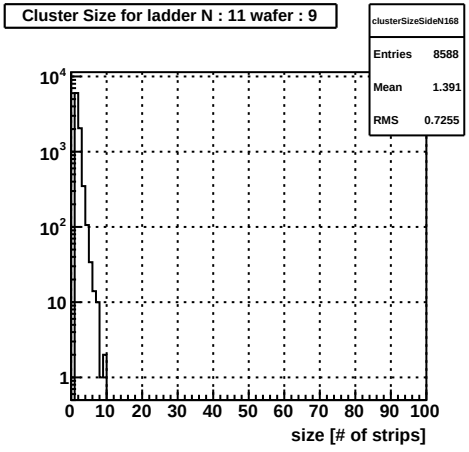

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 6449
Mean 1.296
RMS 0.6506
size [# of strips]

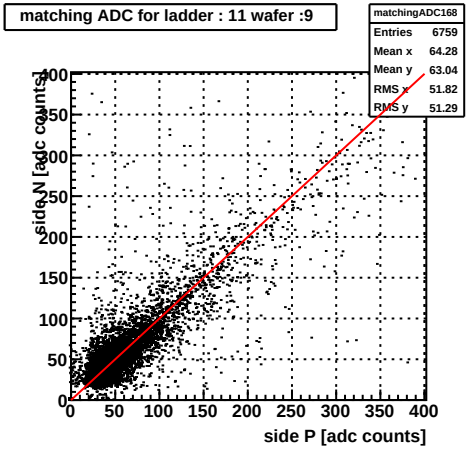

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 5944
Mean x 69.43
Mean y 51.28
RMS x 56.12
RMS y 45.03
side N [adc counts]
side P [adc counts]

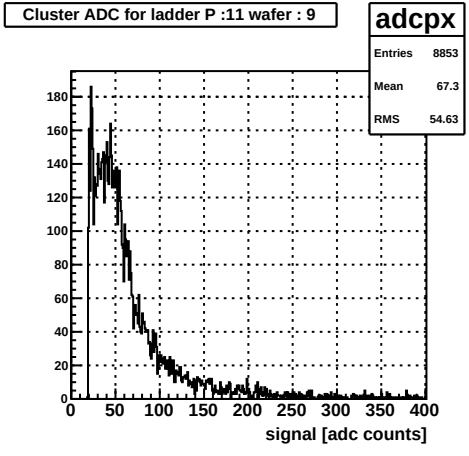

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8256
Mean 64.54
RMS 52.89
signal [adc counts]

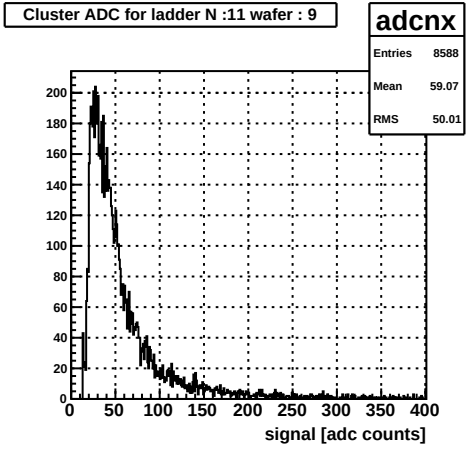

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 6449
Mean 52.51
RMS 49.01
signal [adc counts]

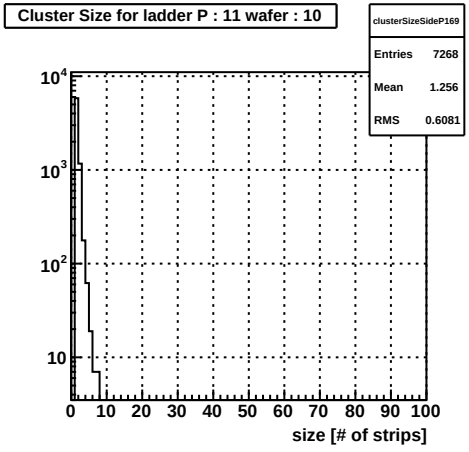

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 8853
Mean 1.265
RMS 0.6122
size [# of strips]

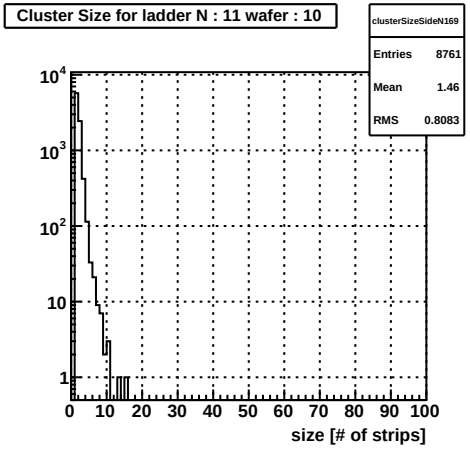

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 8588
Mean 1.391
RMS 0.7255
size [# of strips]

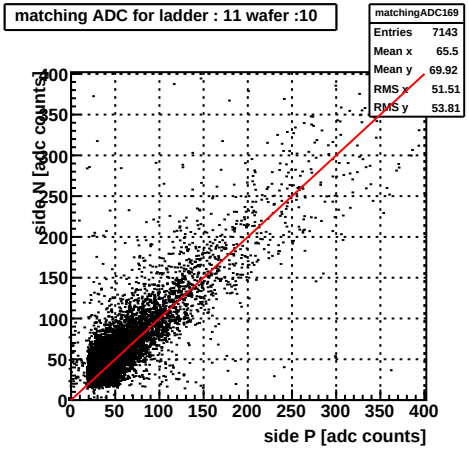

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 6759
Mean x 64.28
Mean y 63.04
RMS x 51.82
RMS y 51.29
side N [adc counts]
side P [adc counts]

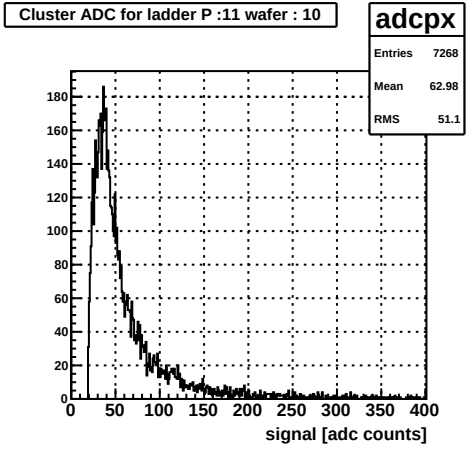

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 8853
Mean 67.3
RMS 54.63
signal [adc counts]

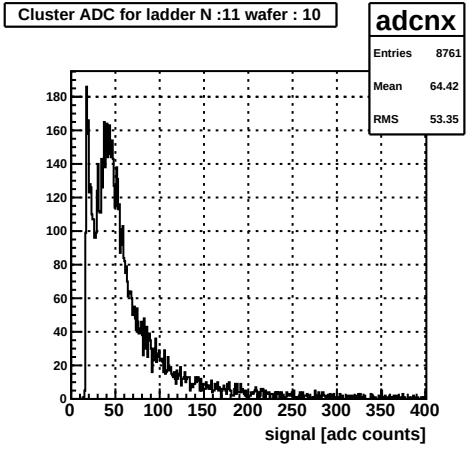

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 8588
Mean 59.07
RMS 50.01
signal [adc counts]

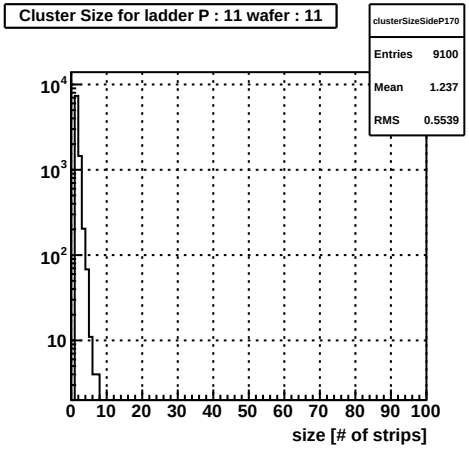

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 7268
Mean 1.256
RMS 0.6081
size [# of strips]

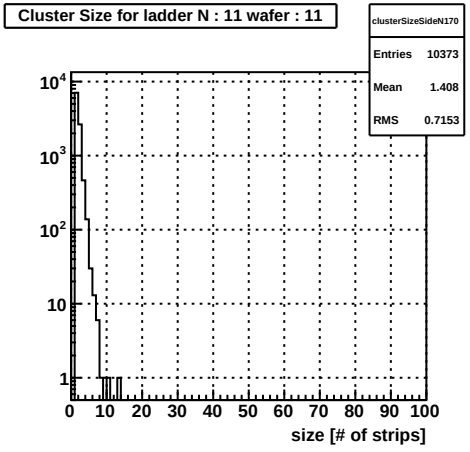

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 8761
Mean 1.46
RMS 0.8083
size [# of strips]

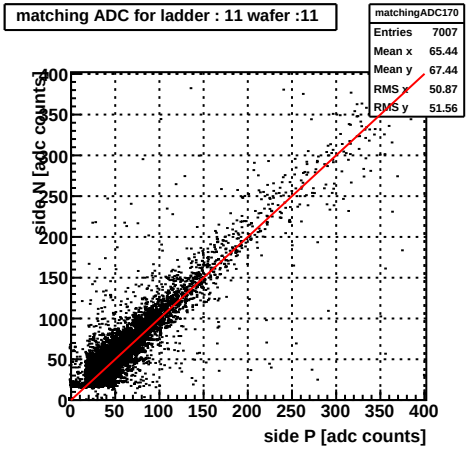

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 7143
Mean x 65.5
Mean y 69.92
RMS x 51.51
RMS y 53.81
side N [adc counts]
side P [adc counts]

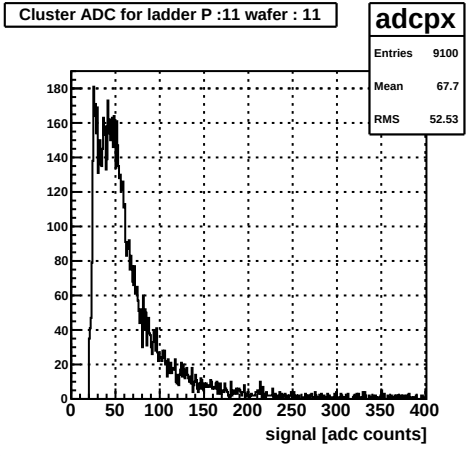

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 7268
Mean 62.98
RMS 51.1
signal [adc counts]

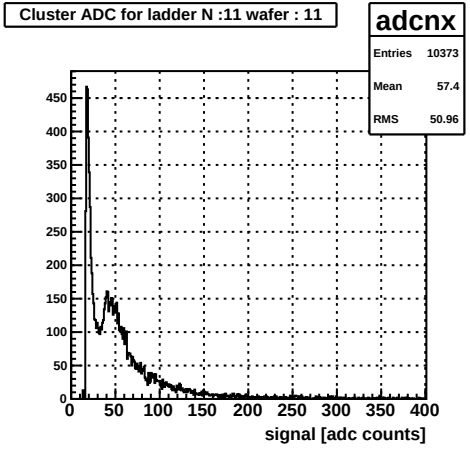

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 8761
Mean 64.42
RMS 53.35
signal [adc counts]

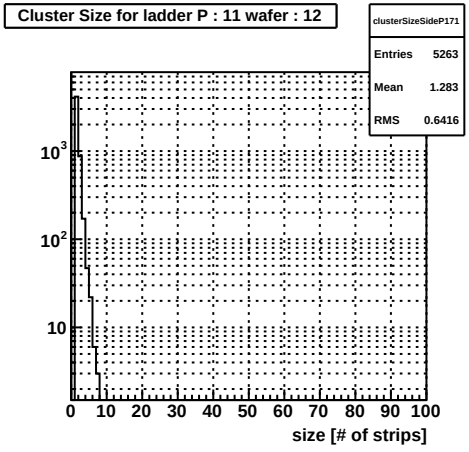

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 9100
Mean 1.237
RMS 0.5539
size [# of strips]

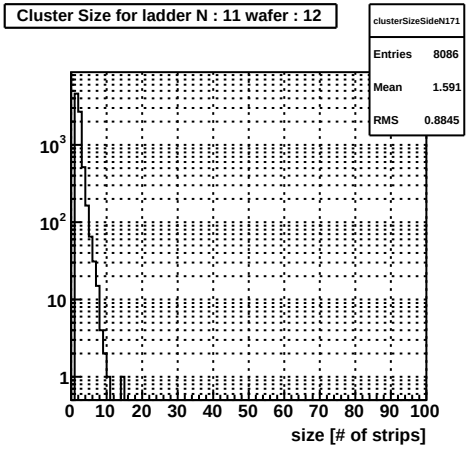

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 10373
Mean 1.408
RMS 0.7153
size [# of strips]

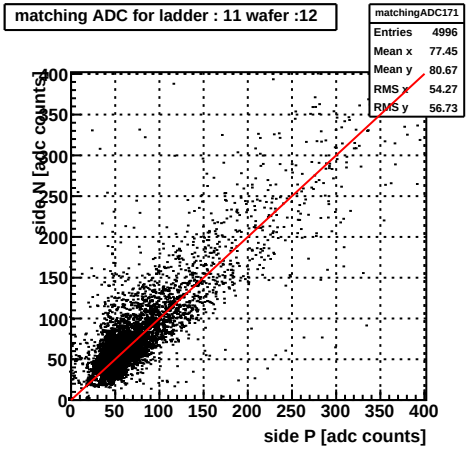

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 7007
Mean x 65.44
Mean y 67.44
RMS x 50.87
RMS y 51.56
side N [adc counts]
side P [adc counts]

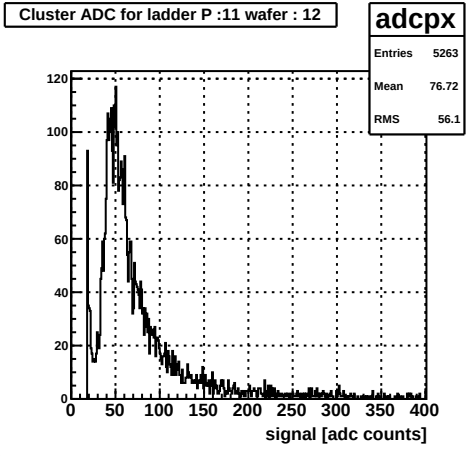

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 9100
Mean 67.7
RMS 52.53
signal [adc counts]

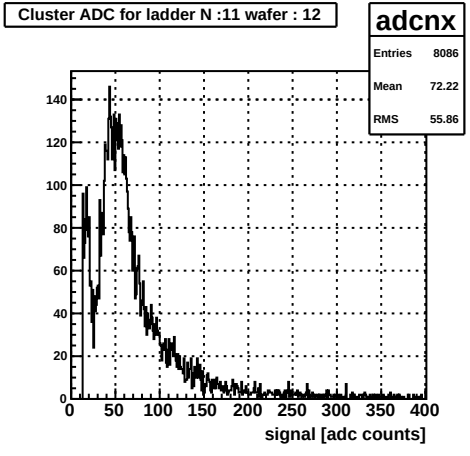

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 10373
Mean 57.4
RMS 50.96
signal [adc counts]

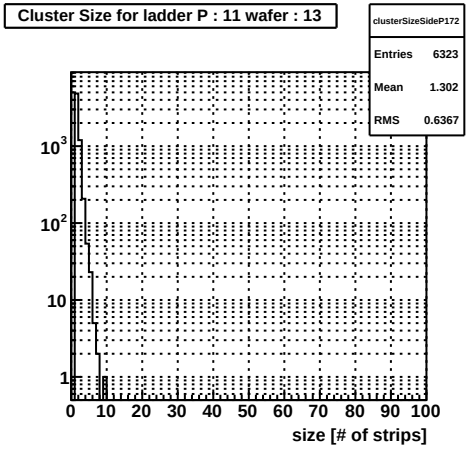

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 5263
Mean 1.283
RMS 0.6416
size [# of strips]

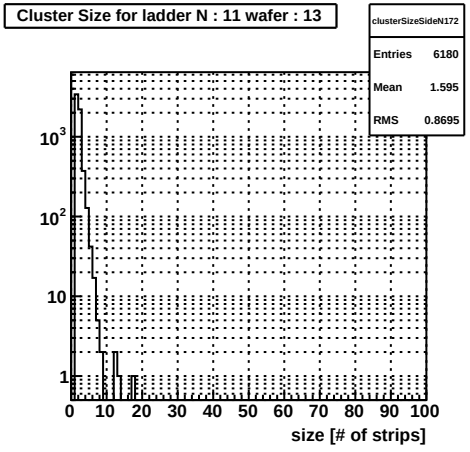

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 8086
Mean 1.591
RMS 0.8845
size [# of strips]

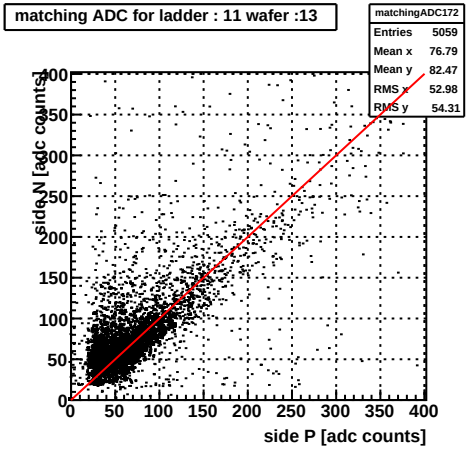

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 4996
Mean x 77.45
Mean y 80.67
RMS x 54.27
RMS y 56.73
side N [adc counts]
side P [adc counts]

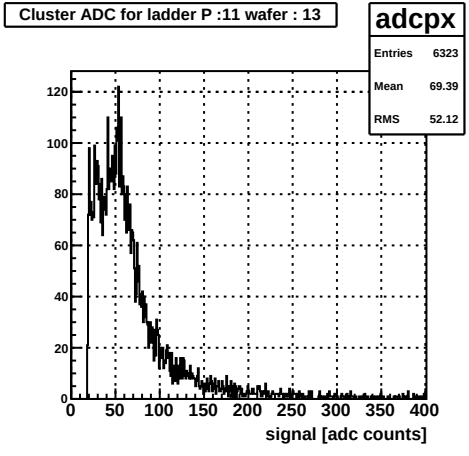

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 5263
Mean 76.72
RMS 56.1
signal [adc counts]

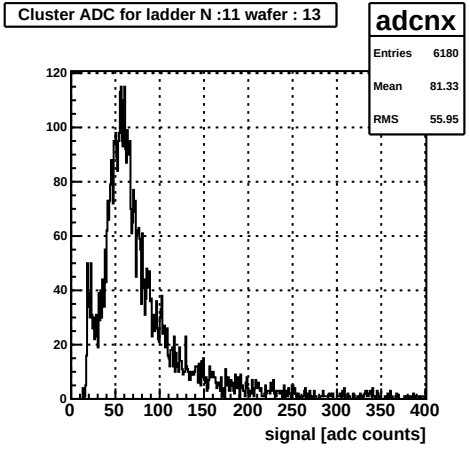

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 8086
Mean 72.22
RMS 55.86
signal [adc counts]

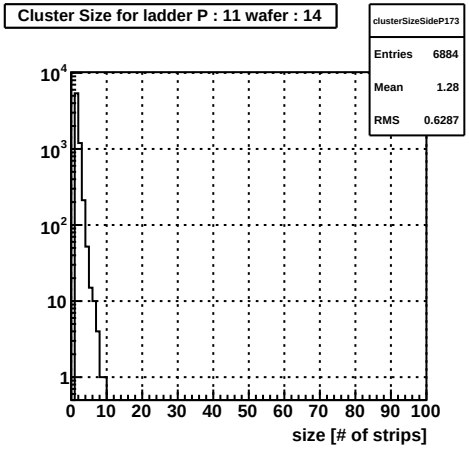

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 6323
Mean 1.302
RMS 0.6367
size [# of strips]

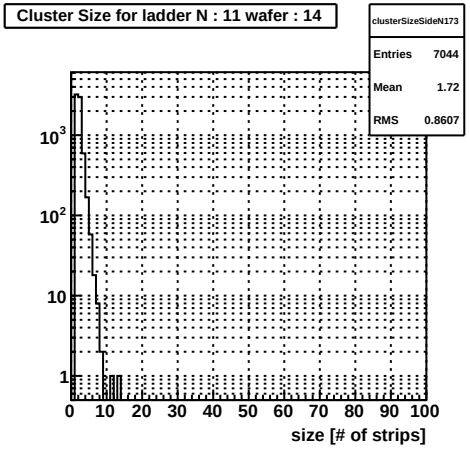

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 6180
Mean 1.595
RMS 0.8695
size [# of strips]

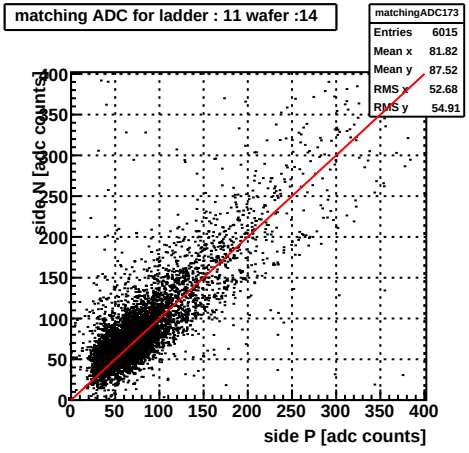

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 5059
Mean x 76.79
Mean y 82.47
RMS x 52.98
RMS y 54.31
side N [adc counts]
side P [adc counts]

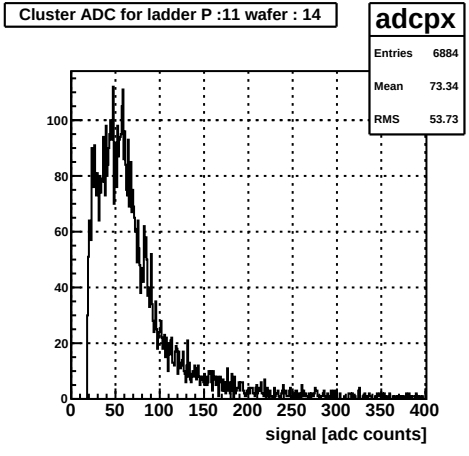

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 6323
Mean 69.39
RMS 52.12
signal [adc counts]

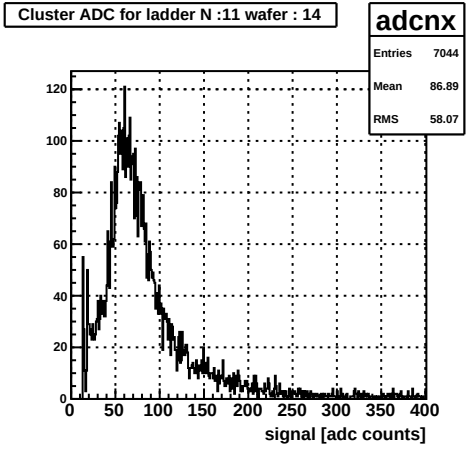

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 6180
Mean 81.33
RMS 55.95
signal [adc counts]

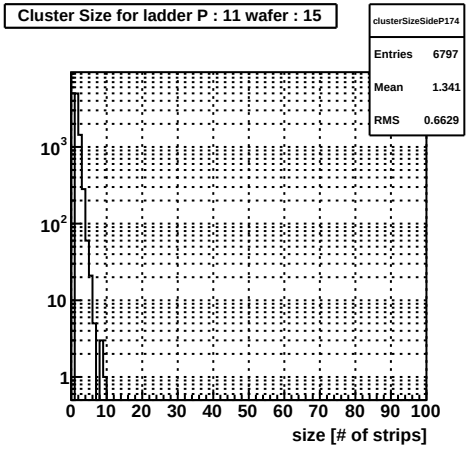

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 6884
Mean 1.28
RMS 0.6287
size [# of strips]

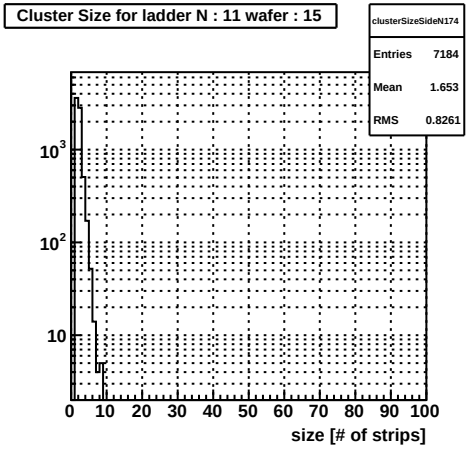

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 7044
Mean 1.72
RMS 0.8607
size [# of strips]

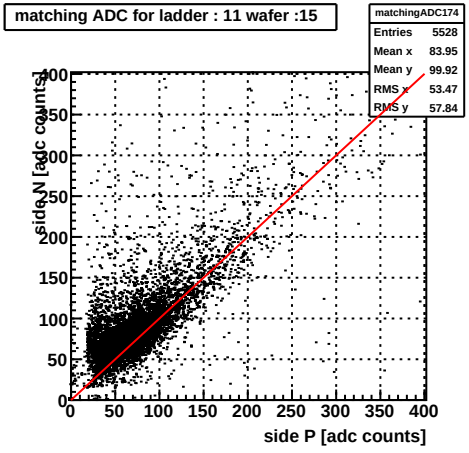

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 6015
Mean x 81.82
Mean y 87.52
RMS x 52.68
RMS y 54.91
side N [adc counts]
side P [adc counts]

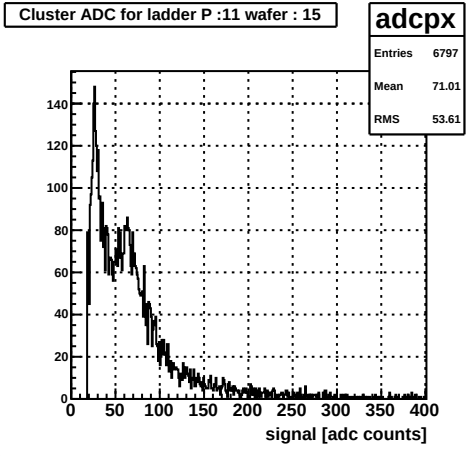

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 6884
Mean 73.34
RMS 53.73
signal [adc counts]

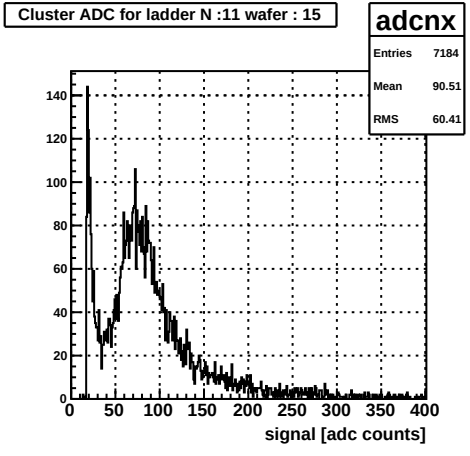

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 7044
Mean 86.89
RMS 58.07
signal [adc counts]

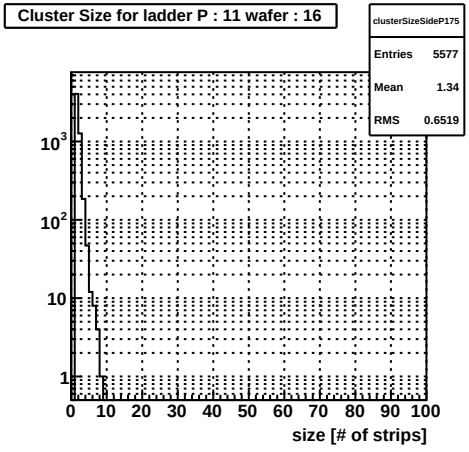

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 6797
Mean 1.341
RMS 0.6629
size [# of strips]

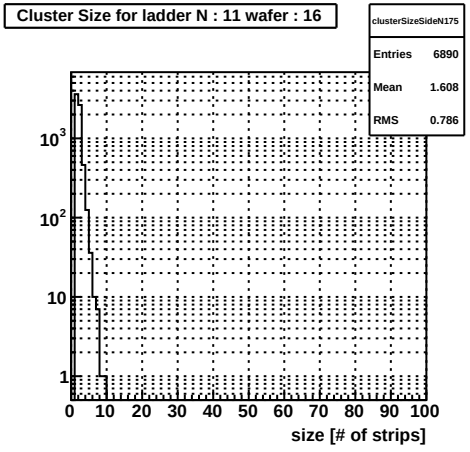

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 7184
Mean 1.653
RMS 0.8261
size [# of strips]

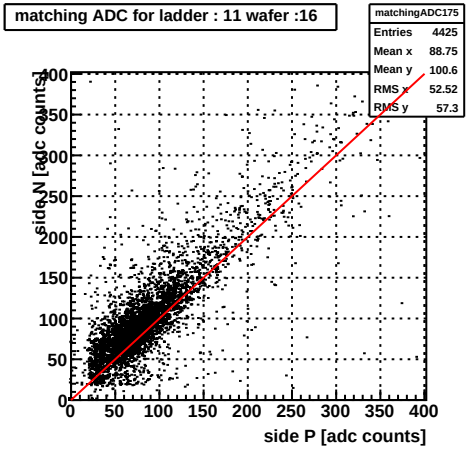

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 5528
Mean x 83.95
Mean y 99.92
RMS x 53.47
RMS y 57.84
side N [adc counts]
side P [adc counts]

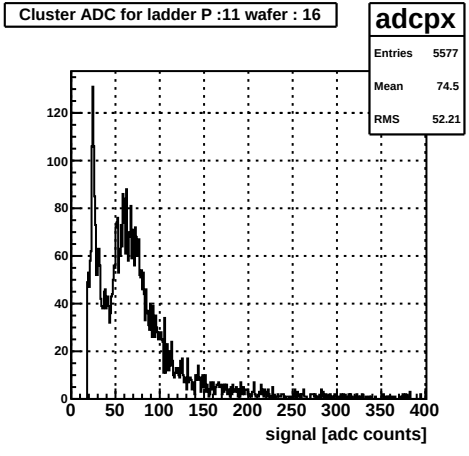

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 6797
Mean 71.01
RMS 53.61
signal [adc counts]

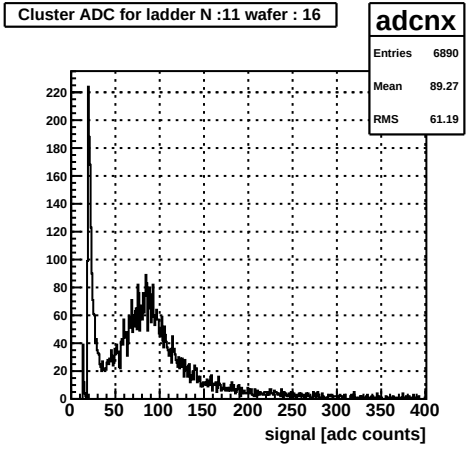

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 7184
Mean 90.51
RMS 60.41
signal [adc counts]

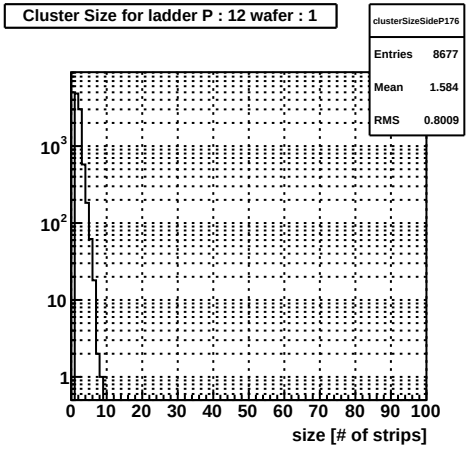

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 5577
Mean 1.34
RMS 0.6519
size [# of strips]

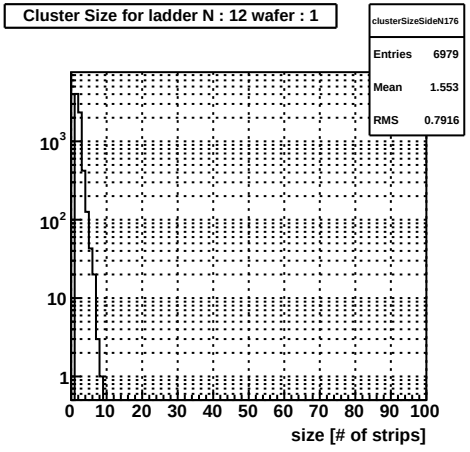

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 6890
Mean 1.608
RMS 0.786
size [# of strips]

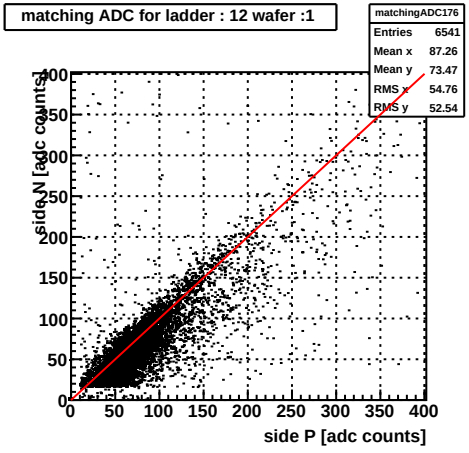

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 4425
Mean x 88.75
Mean y 100.6
RMS x 52.52
RMS y 57.3
side N [adc counts]
side P [adc counts]

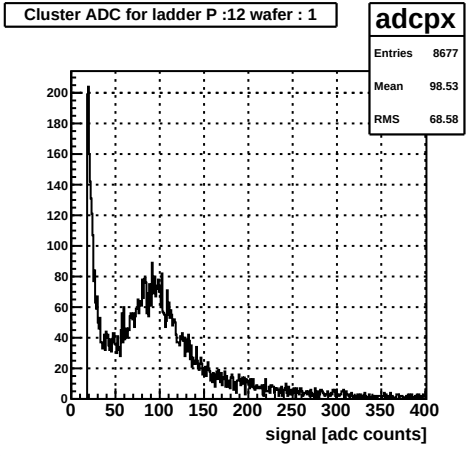

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 5577
Mean 74.5
RMS 52.21
signal [adc counts]

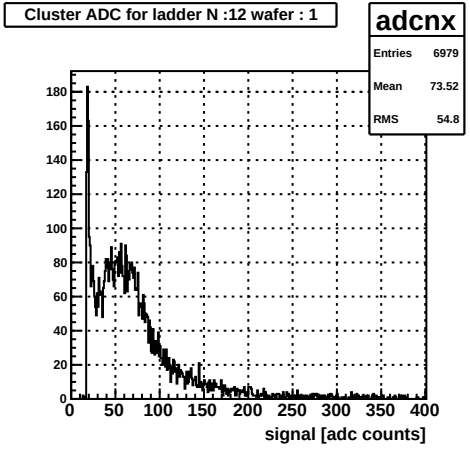

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 6890
Mean 89.27
RMS 61.19
signal [adc counts]

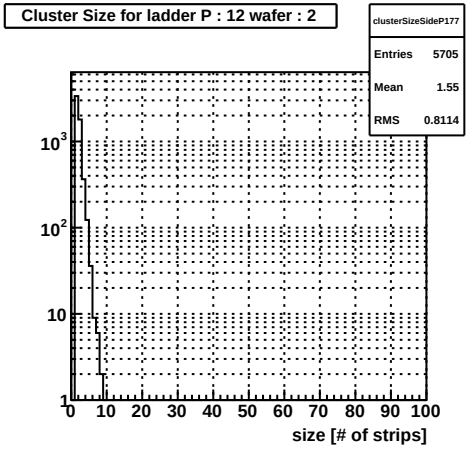

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 8677
Mean 1.584
RMS 0.8009
size [# of strips]

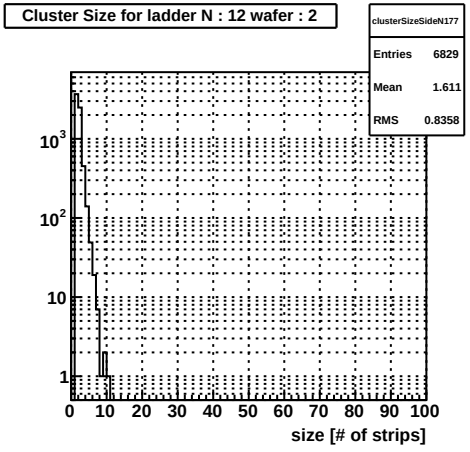

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 6979
Mean 1.553
RMS 0.7916
size [# of strips]

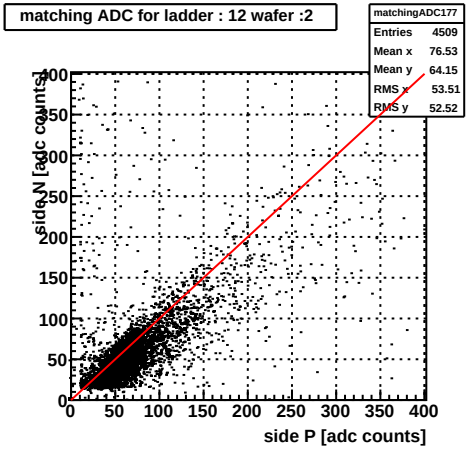

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 6541
Mean x 87.26
Mean y 73.47
RMS x 54.76
RMS y 52.54
side N [adc counts]
side P [adc counts]

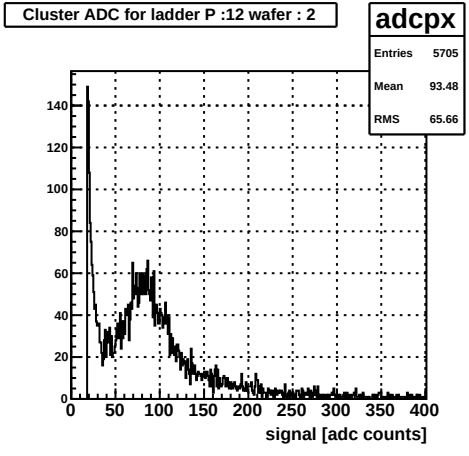

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 8677
Mean 98.53
RMS 68.58
signal [adc counts]

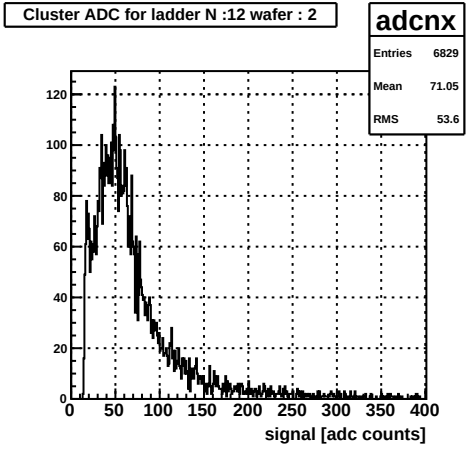

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 6979
Mean 73.52
RMS 54.8
signal [adc counts]

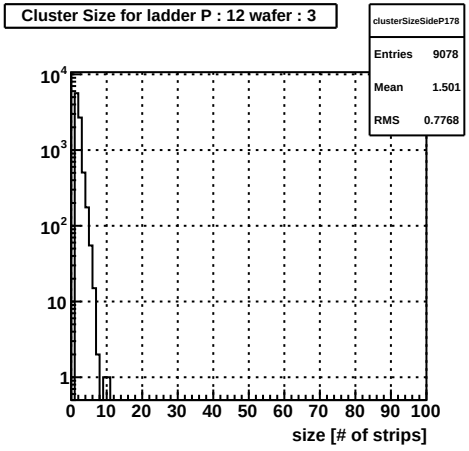

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 5705
Mean 1.55
RMS 0.8114
size [# of strips]

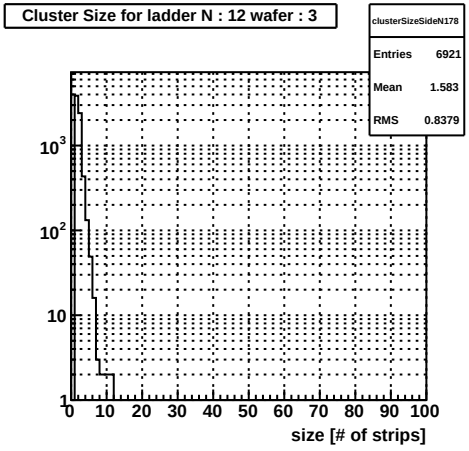

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 6829
Mean 1.611
RMS 0.8358
size [# of strips]

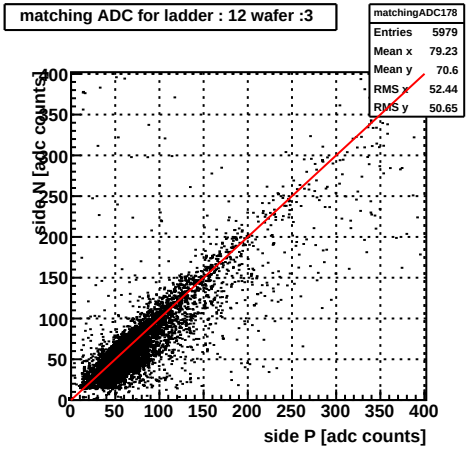

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 4509
Mean x 76.53
Mean y 64.15
RMS x 53.51
RMS y 52.52
side N [adc counts]
side P [adc counts]

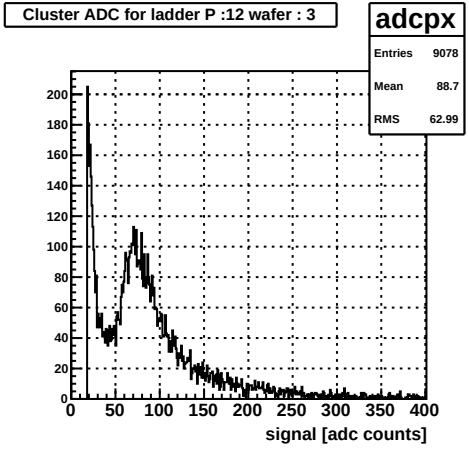

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 5705
Mean 93.48
RMS 65.66
signal [adc counts]

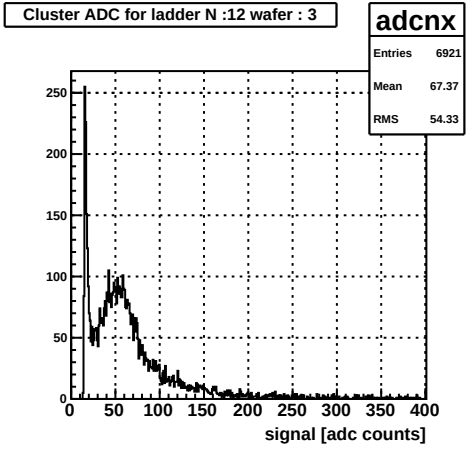

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 6829
Mean 71.05
RMS 53.6
signal [adc counts]

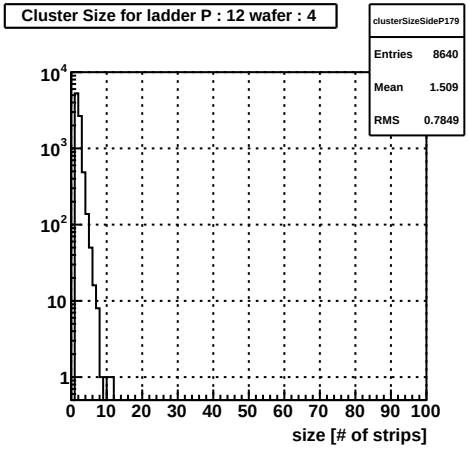

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 9078
Mean 1.501
RMS 0.7768
size [# of strips]

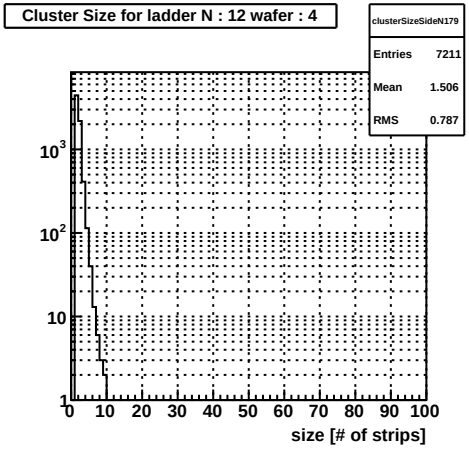

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 6921
Mean 1.583
RMS 0.8379
size [# of strips]

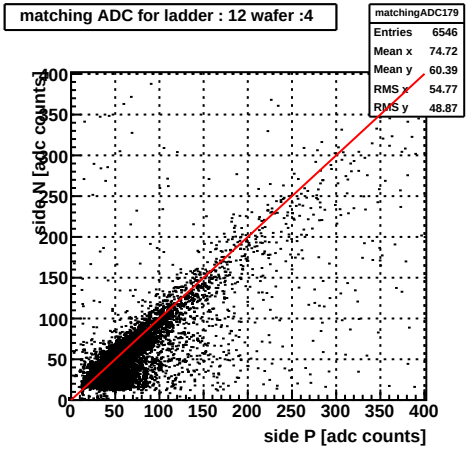

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 5979
Mean x 79.23
Mean y 70.6
RMS x 52.44
RMS y 50.65
side N [adc counts]
side P [adc counts]

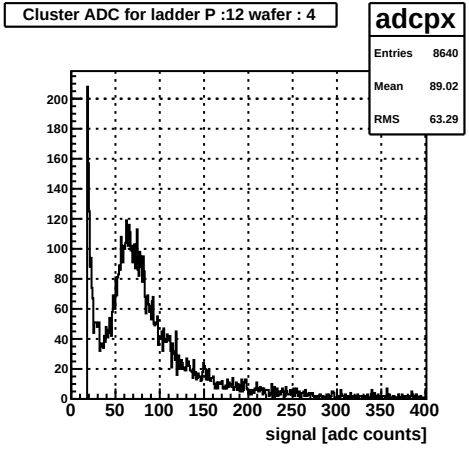

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 9078
Mean 88.7
RMS 62.99
signal [adc counts]

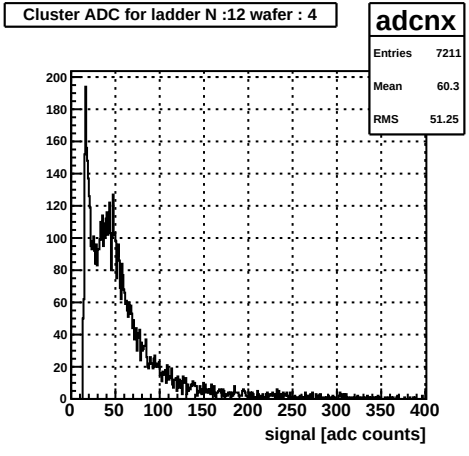

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 6921
Mean 67.37
RMS 54.33
signal [adc counts]

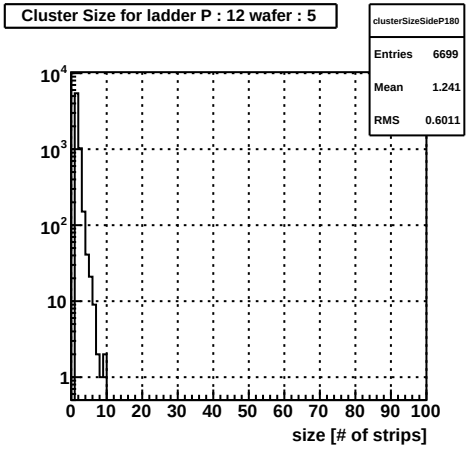

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 8640
Mean 1.509
RMS 0.7849
size [# of strips]

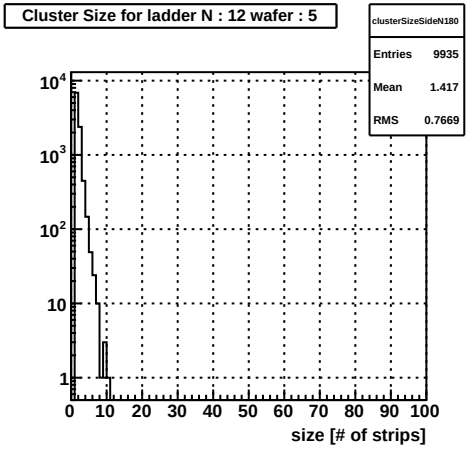

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 7211
Mean 1.506
RMS 0.787
size [# of strips]

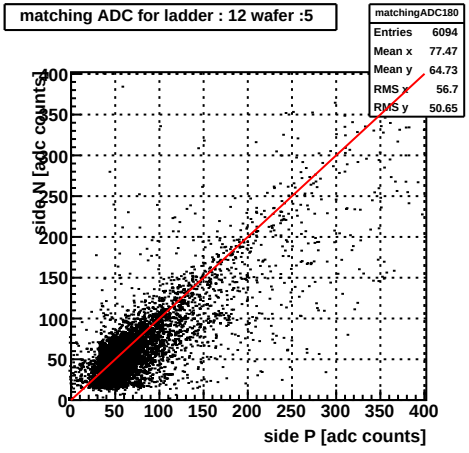

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 6546
Mean x 74.72
Mean y 60.39
RMS x 54.77
RMS y 48.87
side N [adc counts]
side P [adc counts]

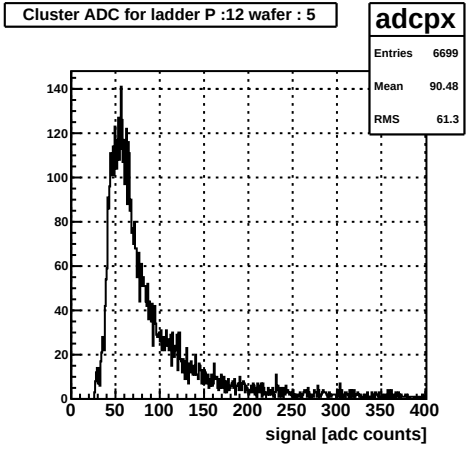

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 8640
Mean 89.02
RMS 63.29
signal [adc counts]

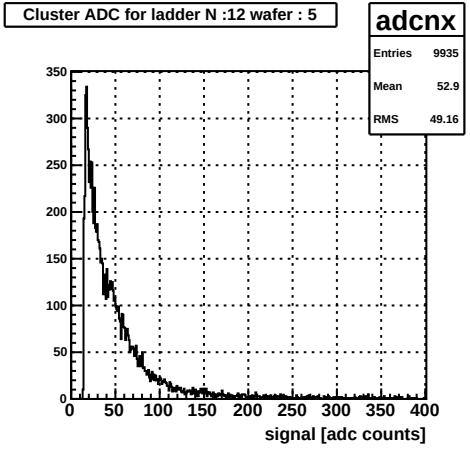

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 7211
Mean 60.3
RMS 51.25
signal [adc counts]

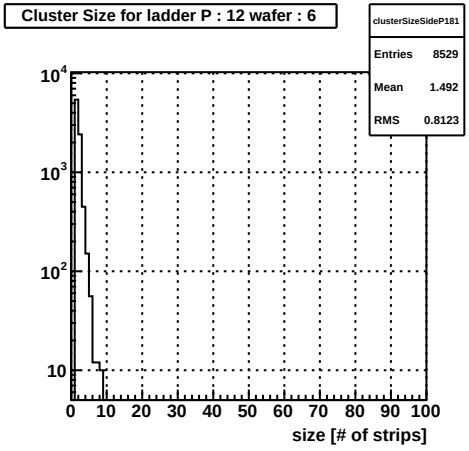

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 6699
Mean 1.241
RMS 0.6011
size [# of strips]

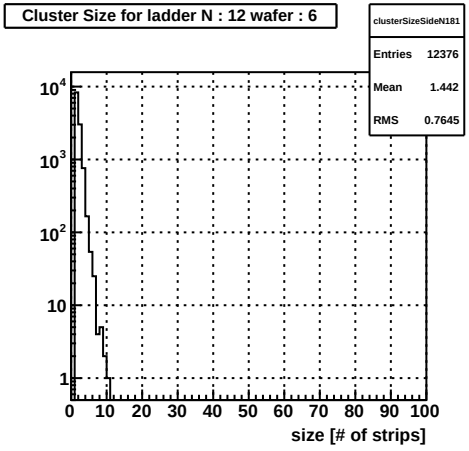

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 9935
Mean 1.417
RMS 0.7669
size [# of strips]

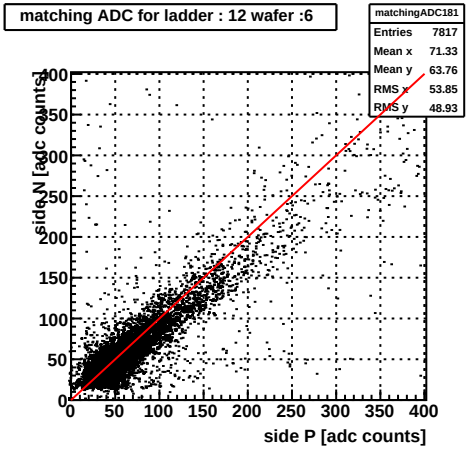

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 6094
Mean x 77.47
Mean y 64.73
RMS x 56.7
RMS y 50.65
side N [adc counts]
side P [adc counts]

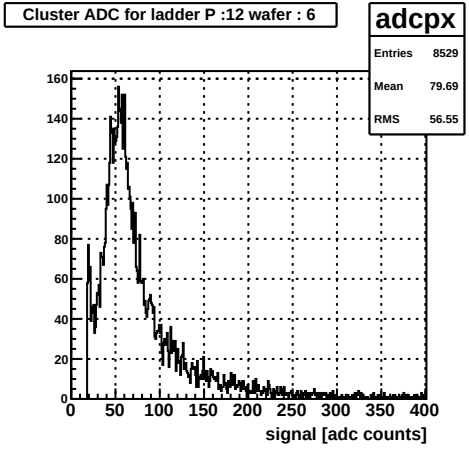

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 6699
Mean 90.48
RMS 61.3
signal [adc counts]

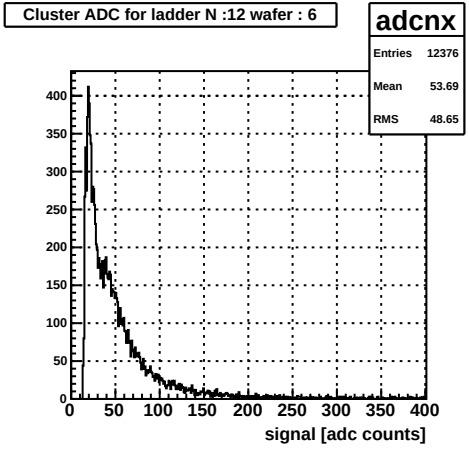

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 9935
Mean 52.9
RMS 49.16
signal [adc counts]

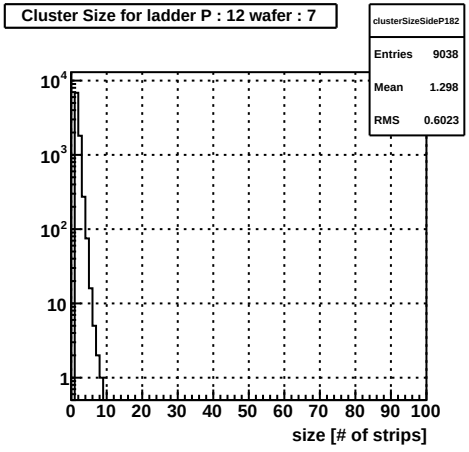

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 8529
Mean 1.492
RMS 0.8123
size [# of strips]

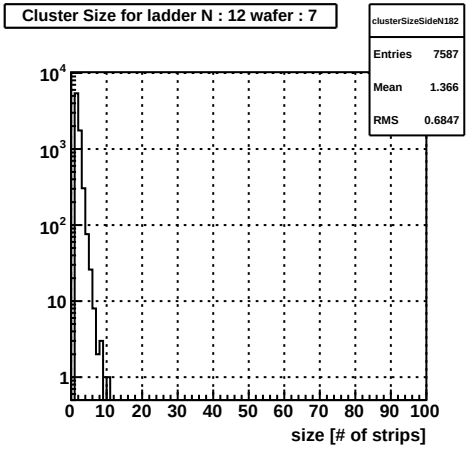

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 12376
Mean 1.442
RMS 0.7645
size [# of strips]

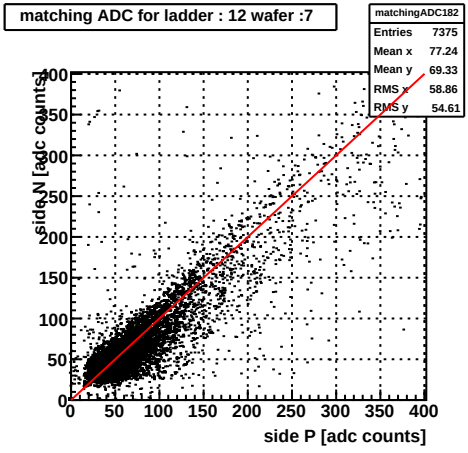

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 7817
Mean x 71.33
Mean y 63.76
RMS x 53.85
RMS y 48.93
side N [adc counts]
side P [adc counts]

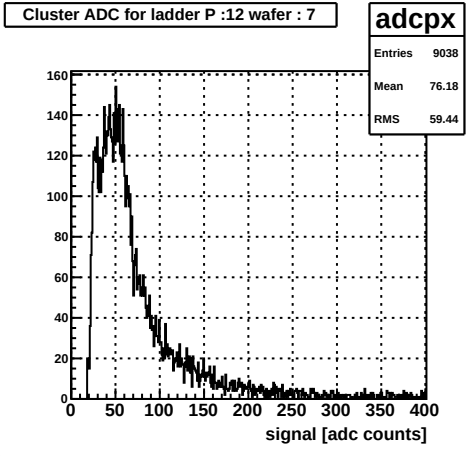

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 8529
Mean 79.69
RMS 56.55
signal [adc counts]

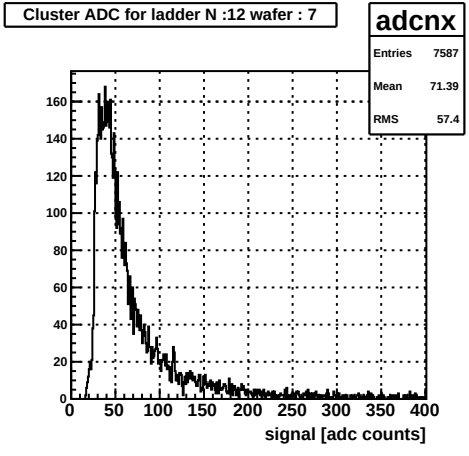

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 12376
Mean 53.69
RMS 48.65
signal [adc counts]

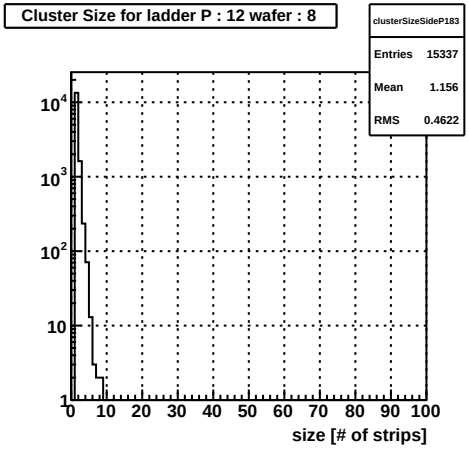

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 9038
Mean 1.298
RMS 0.6023
size [# of strips]

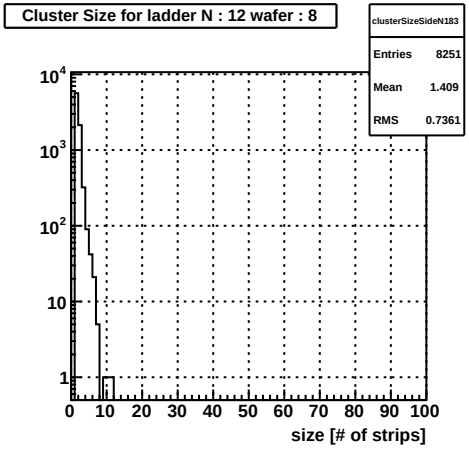

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 7587
Mean 1.366
RMS 0.6847
size [# of strips]

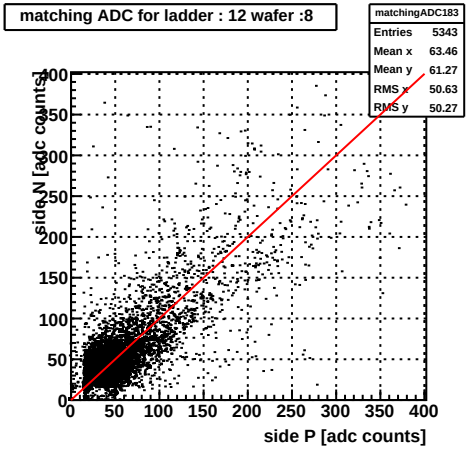

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 7375
Mean x 77.24
Mean y 69.33
RMS x 58.86
RMS y 54.61
side N [adc counts]
side P [adc counts]

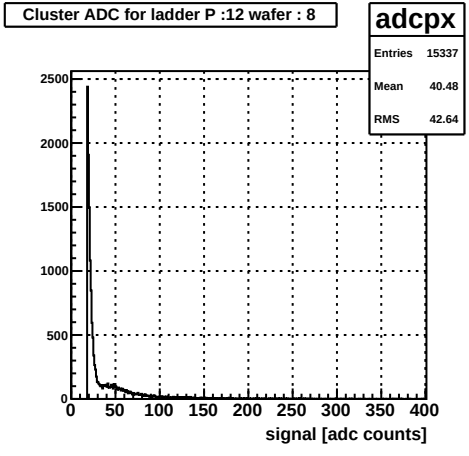

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 9038
Mean 76.18
RMS 59.44
signal [adc counts]

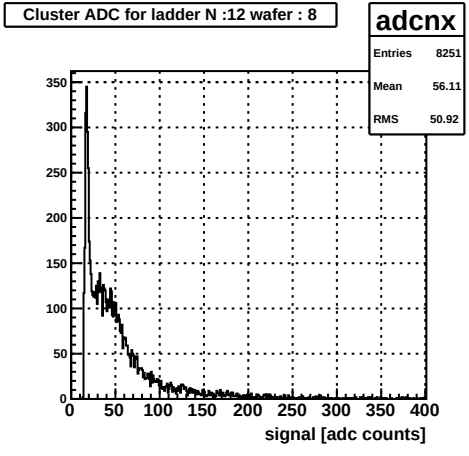

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 7587
Mean 71.39
RMS 57.4
signal [adc counts]

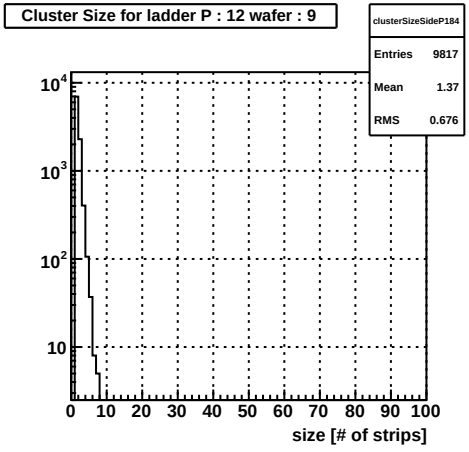

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 15337
Mean 1.156
RMS 0.4622
size [# of strips]

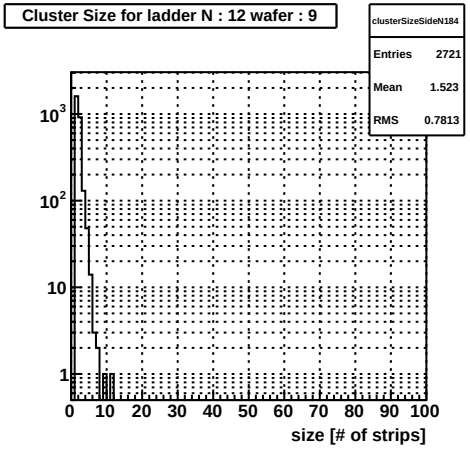

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8251
Mean 1.409
RMS 0.7361
size [# of strips]

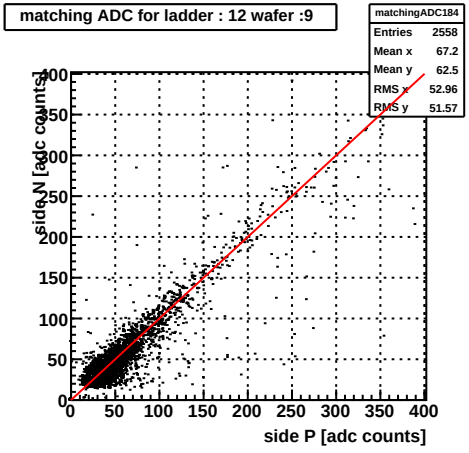

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 5343
Mean x 63.46
Mean y 61.27
RMS x 50.63
RMS y 50.27
side N [adc counts]
side P [adc counts]

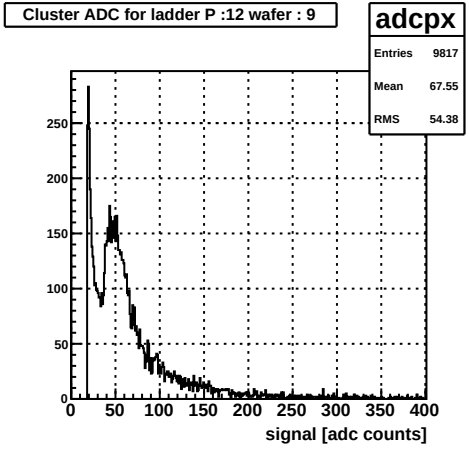

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 15337
Mean 40.48
RMS 42.64
signal [adc counts]

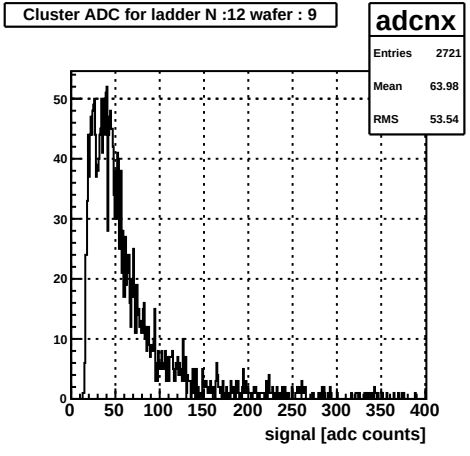

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8251
Mean 56.11
RMS 50.92
signal [adc counts]

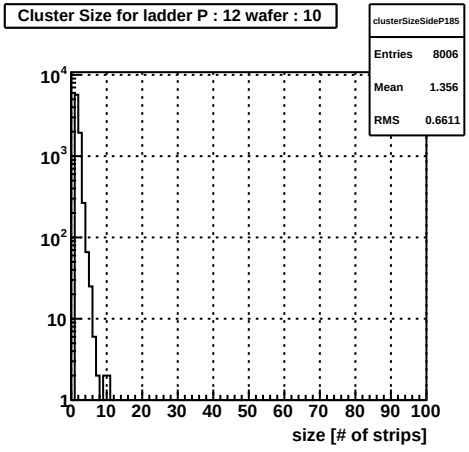

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 9817
Mean 1.37
RMS 0.676
size [# of strips]

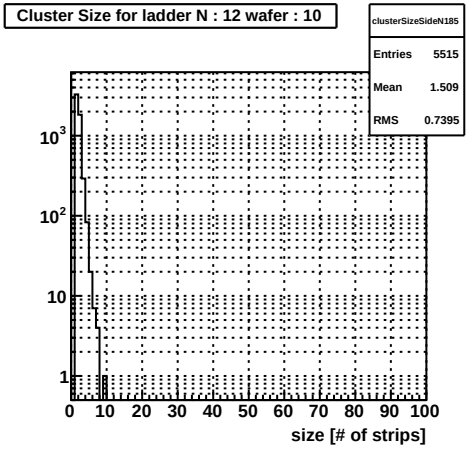

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2721
Mean 1.523
RMS 0.7813
size [# of strips]

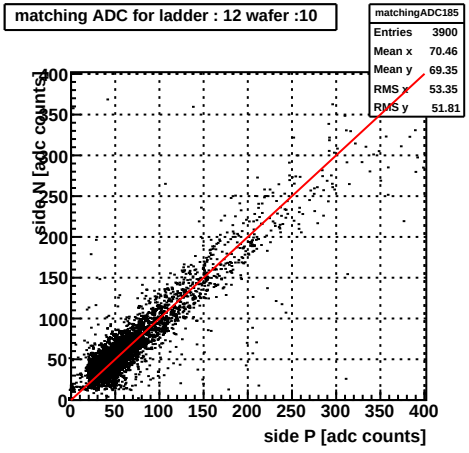

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 2558
Mean x 67.2
Mean y 62.5
RMS x 52.96
RMS y 51.57
side N [adc counts]
side P [adc counts]

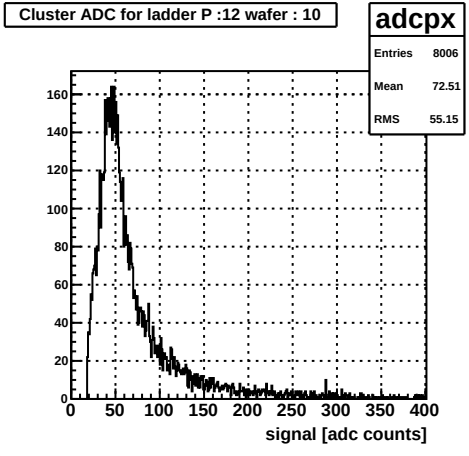

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 9817
Mean 67.55
RMS 54.38
signal [adc counts]

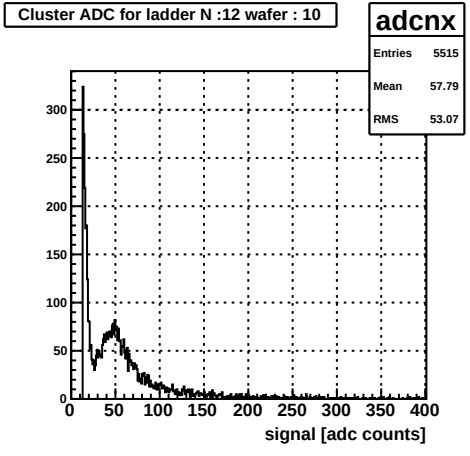

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2721
Mean 63.98
RMS 53.54
signal [adc counts]

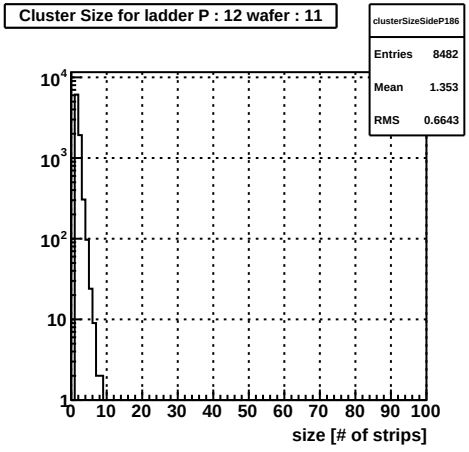

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 8006
Mean 1.356
RMS 0.6611
size [# of strips]

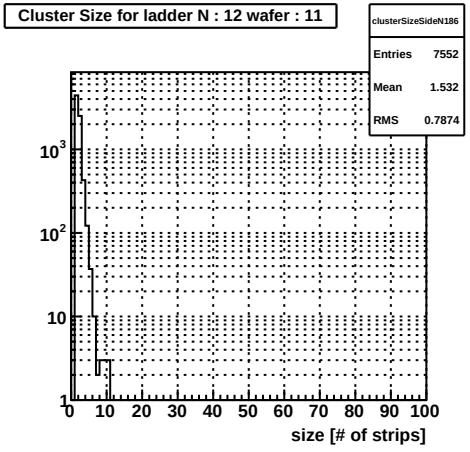

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 5515
Mean 1.509
RMS 0.7395
size [# of strips]

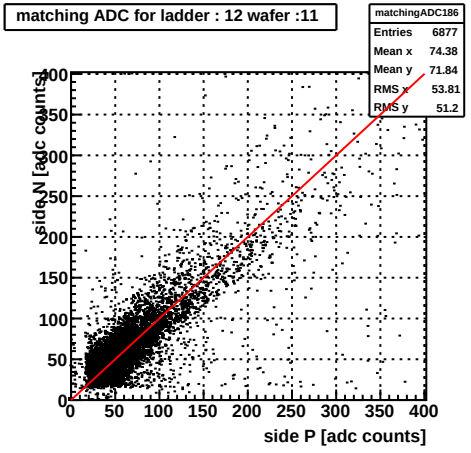

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 3900
Mean x 70.46
Mean y 69.35
RMS x 53.35
RMS y 51.81
side N [adc counts]
side P [adc counts]

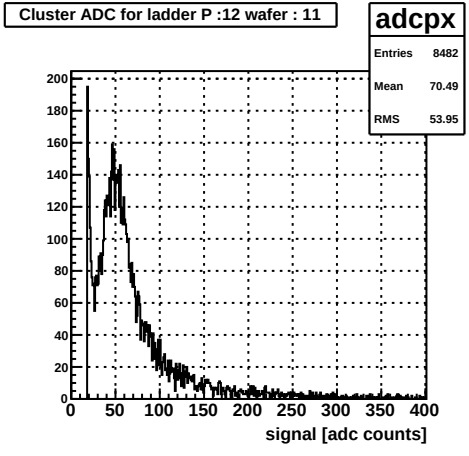

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 8006
Mean 72.51
RMS 55.15
signal [adc counts]

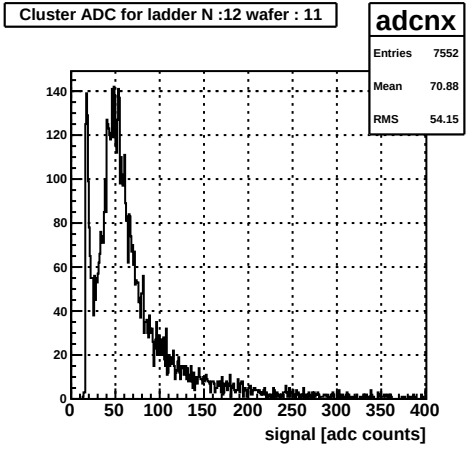

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 5515
Mean 57.79
RMS 53.07
signal [adc counts]

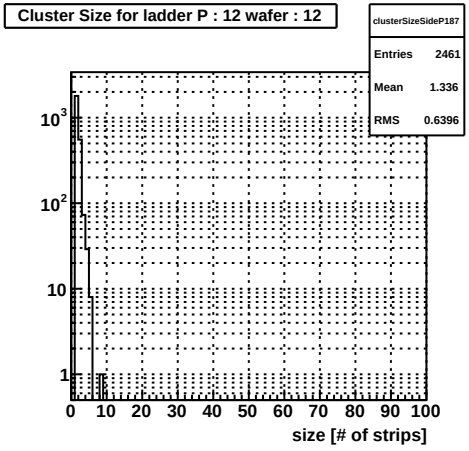

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 8482
Mean 1.353
RMS 0.6643
size [# of strips]

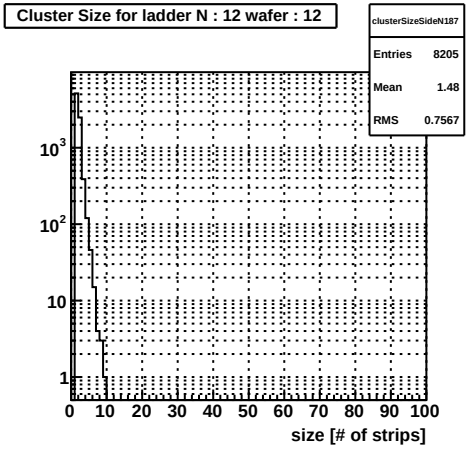

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 7552
Mean 1.532
RMS 0.7874
size [# of strips]

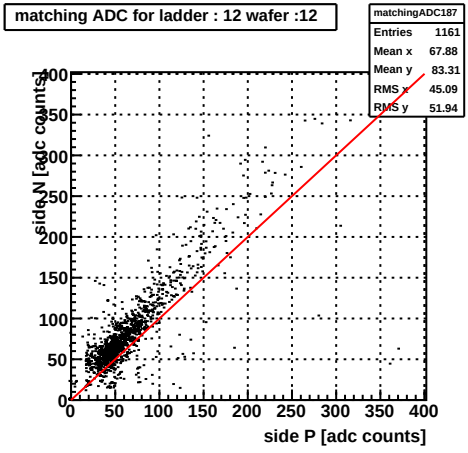

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 6877
Mean x 74.38
Mean y 71.84
RMS x 53.81
RMS y 51.2
side N [adc counts]
side P [adc counts]

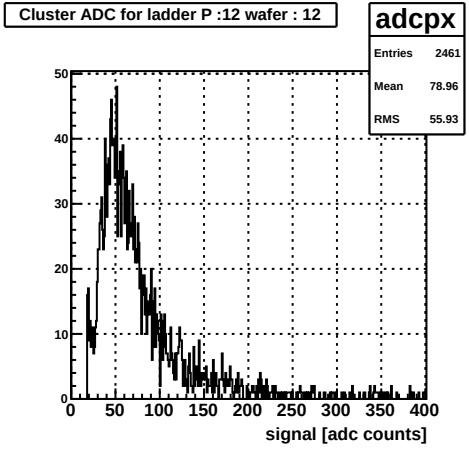

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 8482
Mean 70.49
RMS 53.95
signal [adc counts]

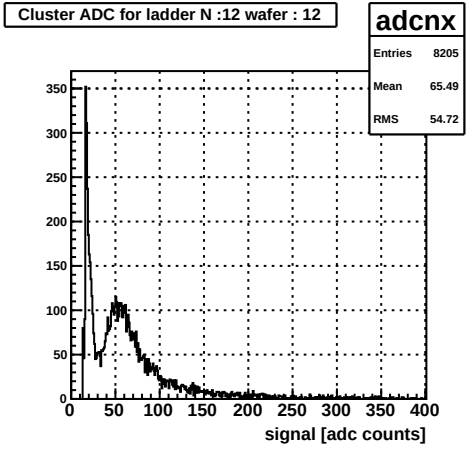

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 7552
Mean 70.88
RMS 54.15
signal [adc counts]

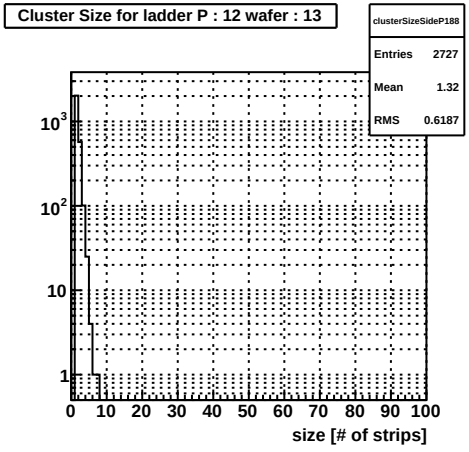

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 2461
Mean 1.336
RMS 0.6396
size [# of strips]

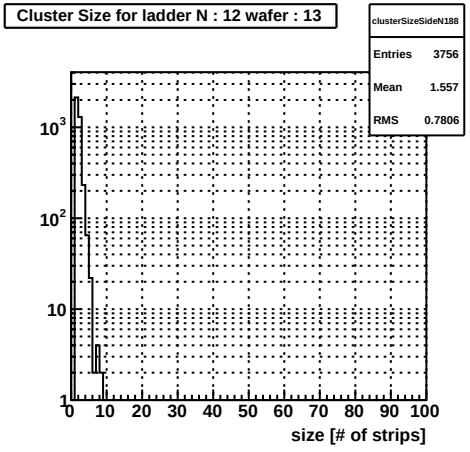

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 8205
Mean 1.48
RMS 0.7567
size [# of strips]

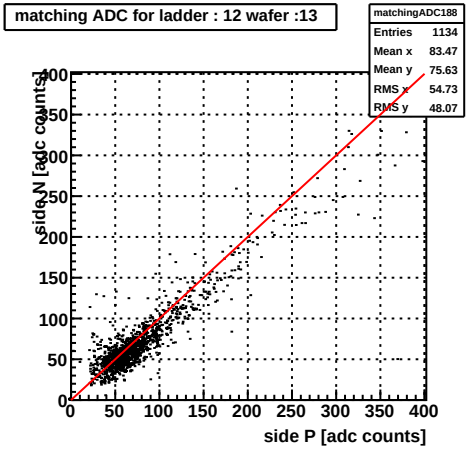

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1161
Mean x 67.88
Mean y 83.31
RMS x 45.09
RMS y 51.94
side N [adc counts]
side P [adc counts]

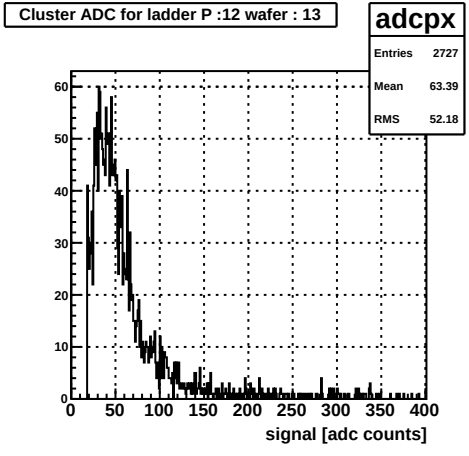

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 2461
Mean 78.96
RMS 55.93
signal [adc counts]

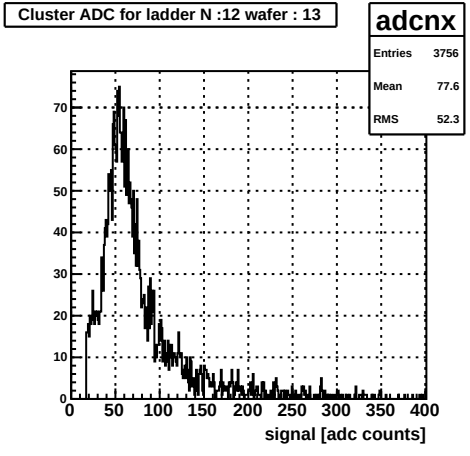

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 8205
Mean 65.49
RMS 54.72
signal [adc counts]

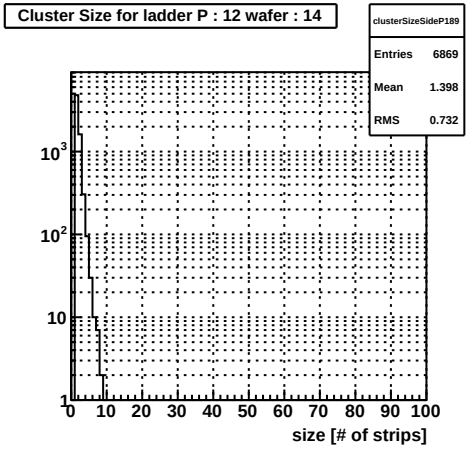

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 2727
Mean 1.32
RMS 0.6187
size [# of strips]

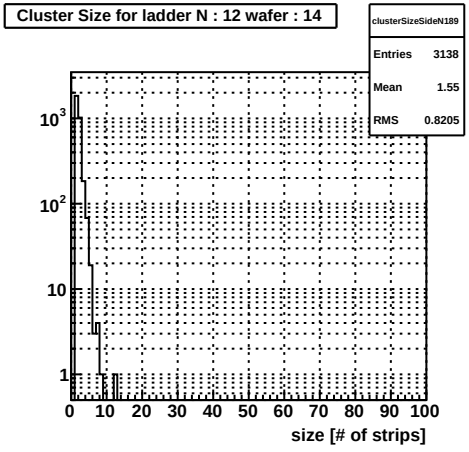

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 3756
Mean 1.557
RMS 0.7806
size [# of strips]

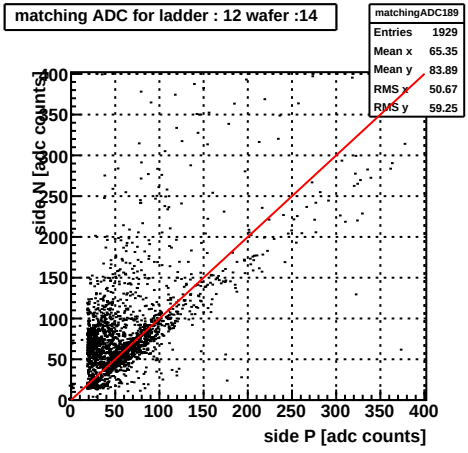

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1134
Mean x 83.47
Mean y 75.63
RMS x 54.73
RMS y 48.07
side N [adc counts]
side P [adc counts]

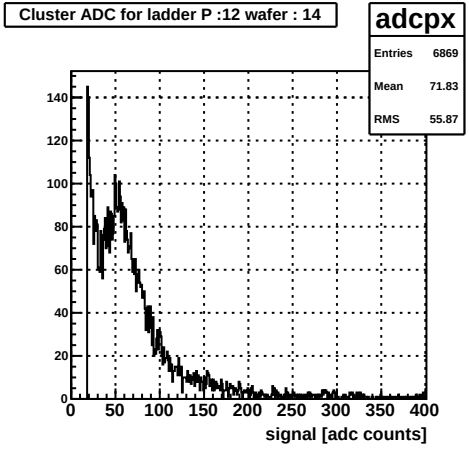

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 2727
Mean 63.39
RMS 52.18
signal [adc counts]

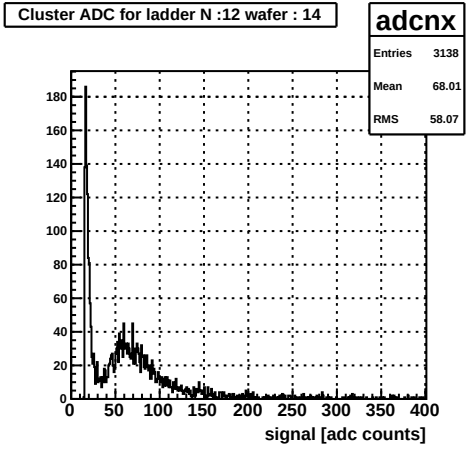

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 3756
Mean 77.6
RMS 52.3
signal [adc counts]

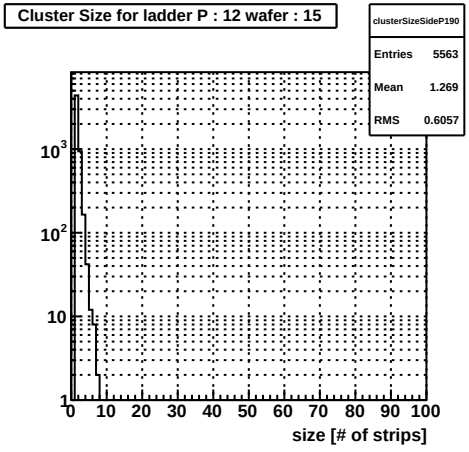

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 6869
Mean 1.398
RMS 0.732
size [# of strips]

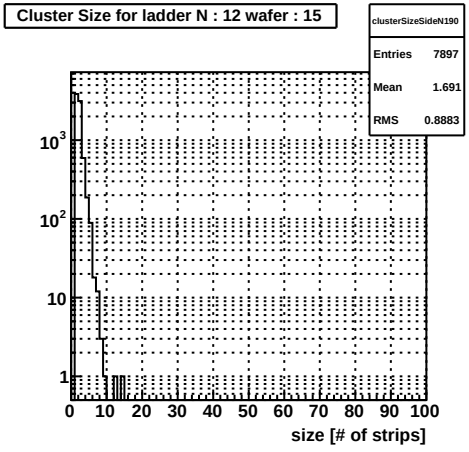

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3138
Mean 1.55
RMS 0.8205
size [# of strips]

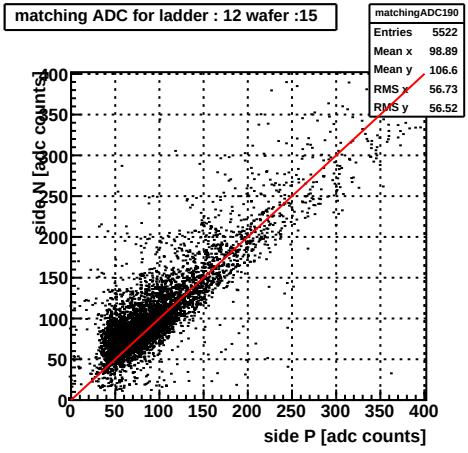

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 1929
Mean x 65.35
Mean y 83.89
RMS x 50.67
RMS y 59.25
side N [adc counts]
side P [adc counts]

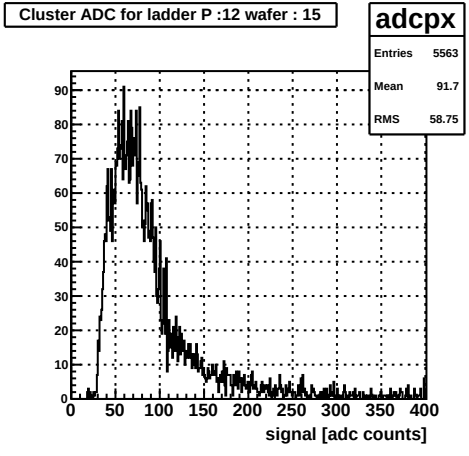

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 6869
Mean 71.83
RMS 55.87
signal [adc counts]

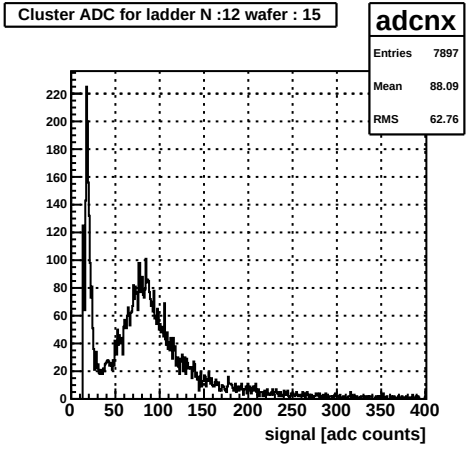

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3138
Mean 68.01
RMS 58.07
signal [adc counts]

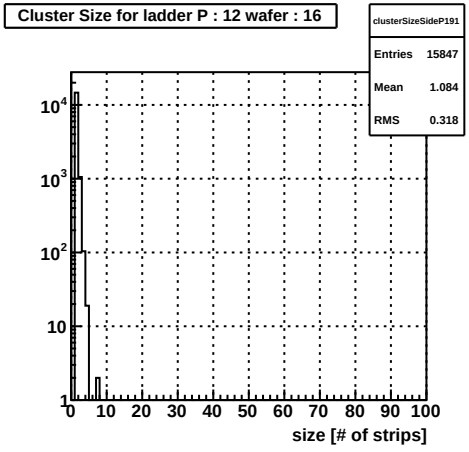

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 5563
Mean 1.269
RMS 0.6057
size [# of strips]

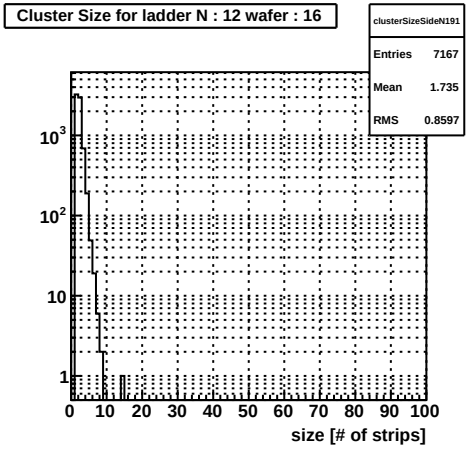

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 7897
Mean 1.691
RMS 0.8883
size [# of strips]

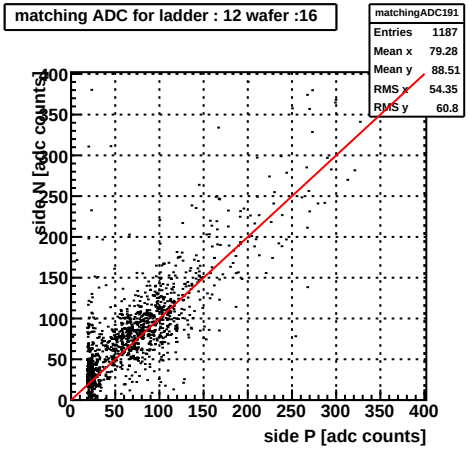

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 5522
Mean x 98.89
Mean y 106.6
RMS x 56.73
RMS y 56.52
side N [adc counts]
side P [adc counts]

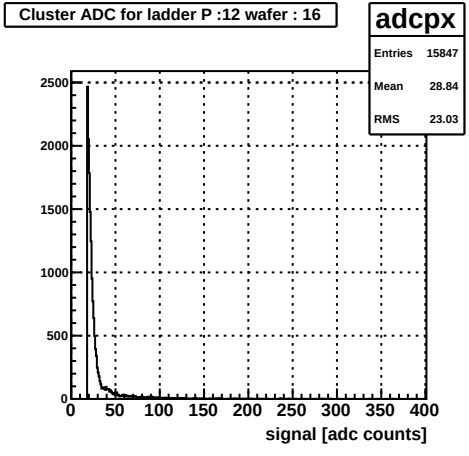

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 5563
Mean 91.7
RMS 58.75
signal [adc counts]

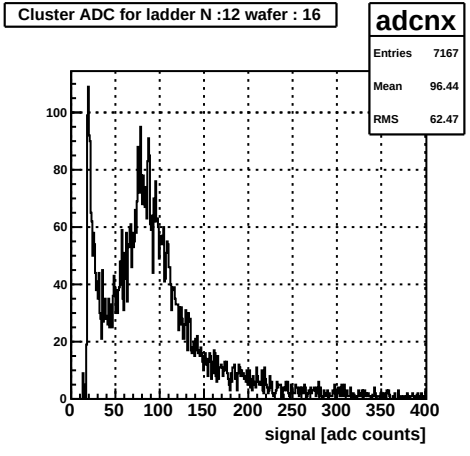

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 7897
Mean 88.09
RMS 62.76
signal [adc counts]

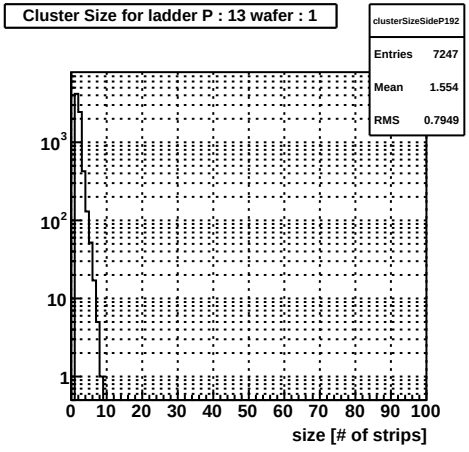

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 15847
Mean 1.084
RMS 0.318
size [# of strips]

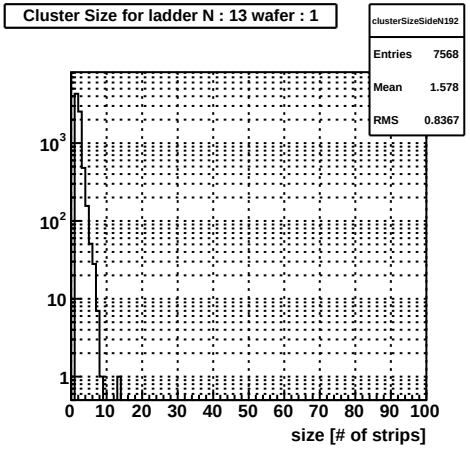

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 7167
Mean 1.735
RMS 0.8597
size [# of strips]

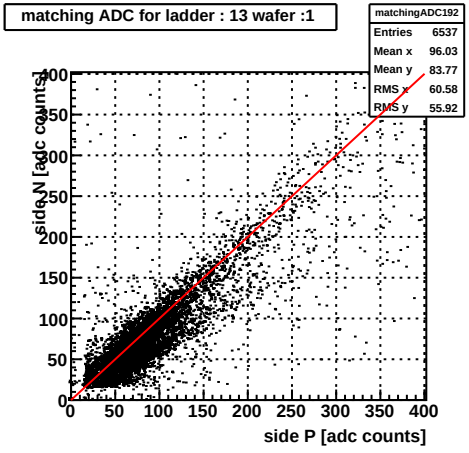

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1187
Mean x 79.28
Mean y 88.51
RMS x 54.35
RMS y 60.8
side N [adc counts]
side P [adc counts]

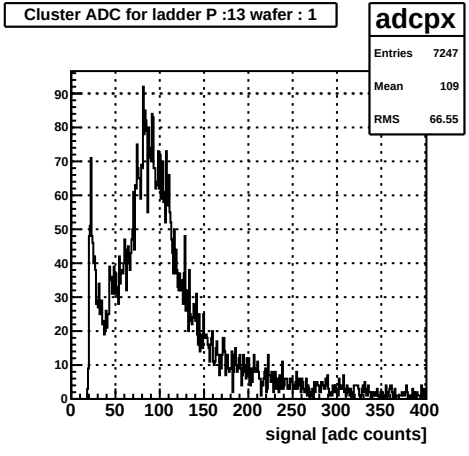

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 15847
Mean 28.84
RMS 23.03
signal [adc counts]

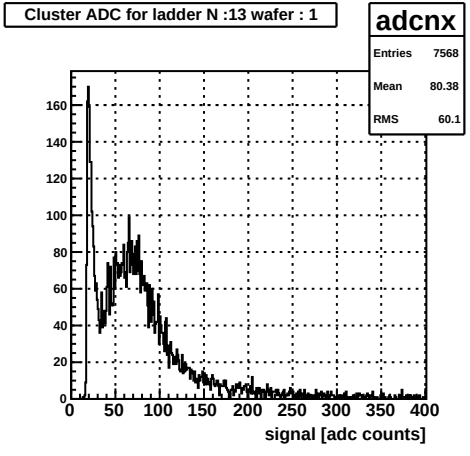

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 7167
Mean 96.44
RMS 62.47
signal [adc counts]

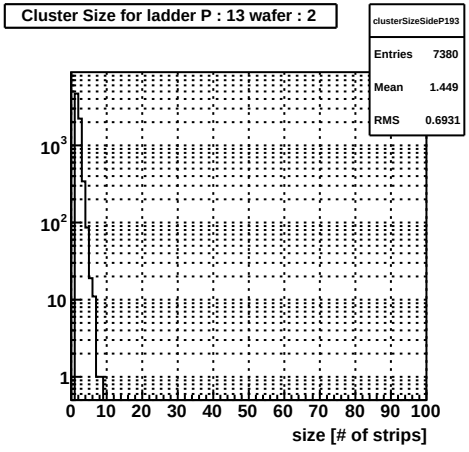

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 7247
Mean 1.554
RMS 0.7949
size [# of strips]

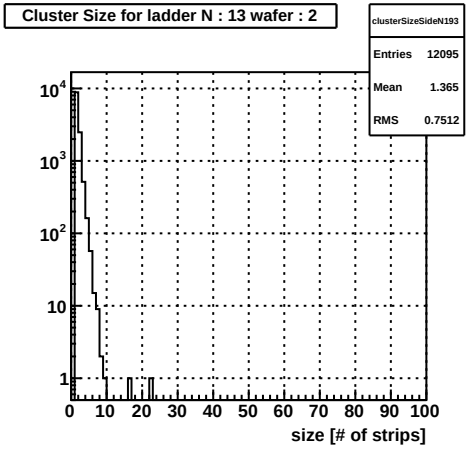

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 7568
Mean 1.578
RMS 0.8367
size [# of strips]

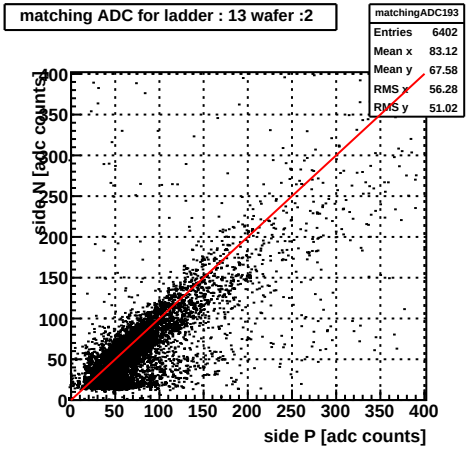

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 6537
Mean x 96.03
Mean y 83.77
RMS x 60.58
RMS y 55.92
side N [adc counts]
side P [adc counts]

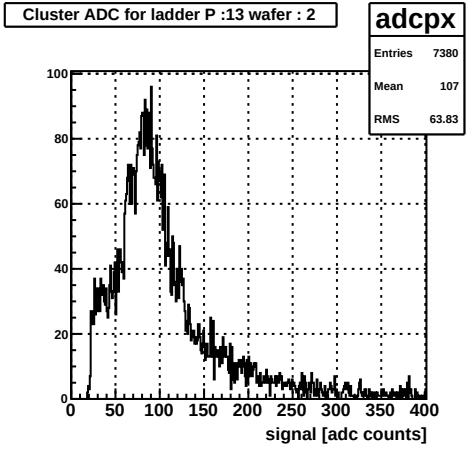

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 7247
Mean 109
RMS 66.55
signal [adc counts]

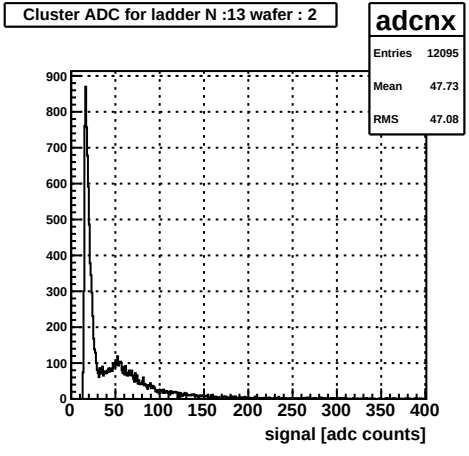

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 7568
Mean 80.38
RMS 60.1
signal [adc counts]

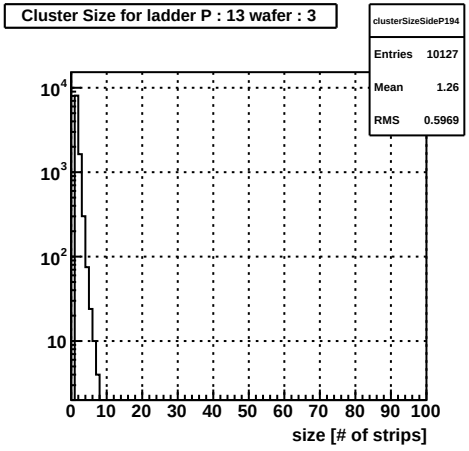

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 7380
Mean 1.449
RMS 0.6931
size [# of strips]

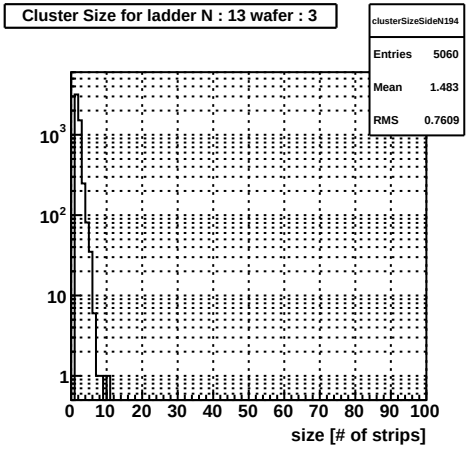

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 12095
Mean 1.365
RMS 0.7512
size [# of strips]

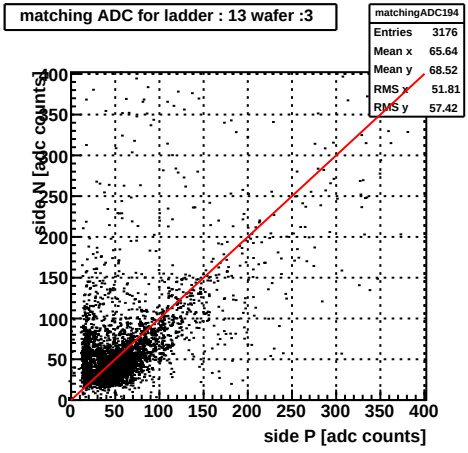

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 6402
Mean x 83.12
Mean y 67.58
RMS x 56.28
RMS y 51.02
side N [adc counts]
side P [adc counts]

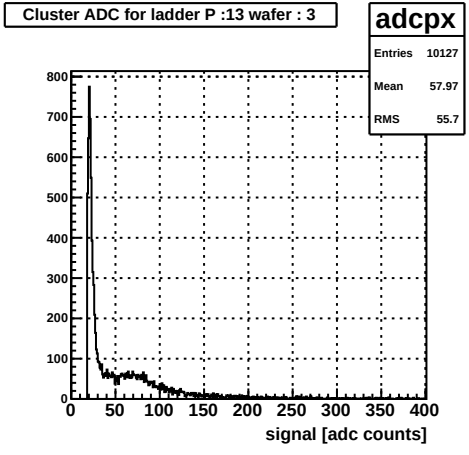

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 7380
Mean 107
RMS 63.83
signal [adc counts]

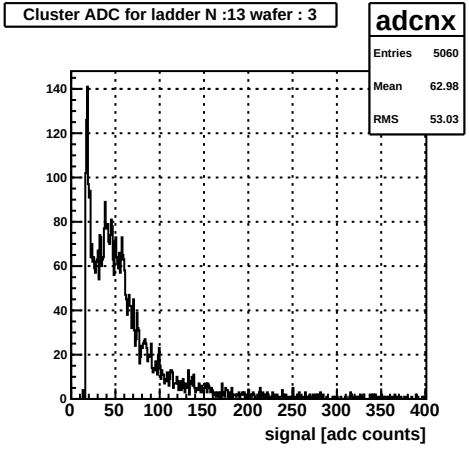

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 12095
Mean 47.73
RMS 47.08
signal [adc counts]

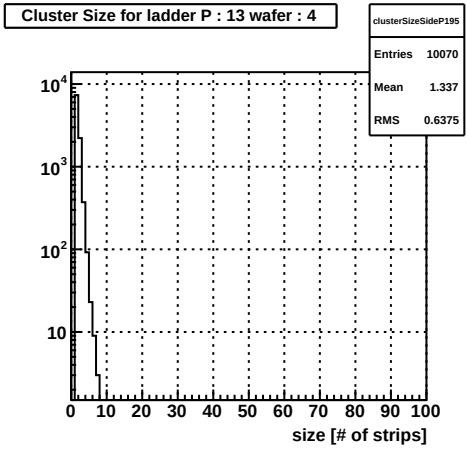

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 10127
Mean 1.26
RMS 0.5969
size [# of strips]

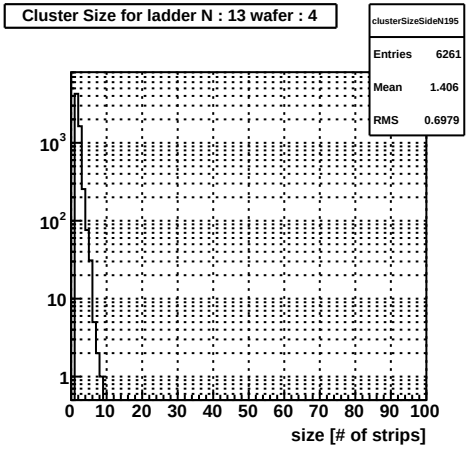

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 5060
Mean 1.483
RMS 0.7609
size [# of strips]

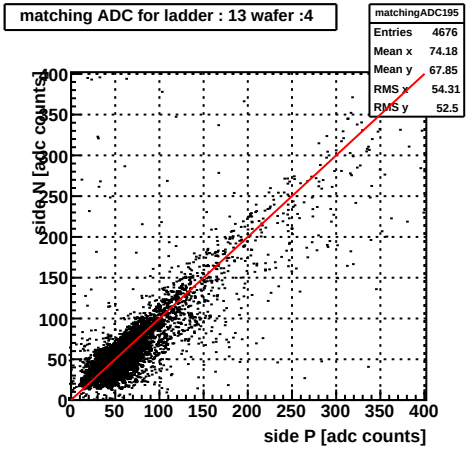

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 3176
Mean x 65.64
Mean y 68.52
RMS x 51.81
RMS y 57.42
side N [adc counts]
side P [adc counts]

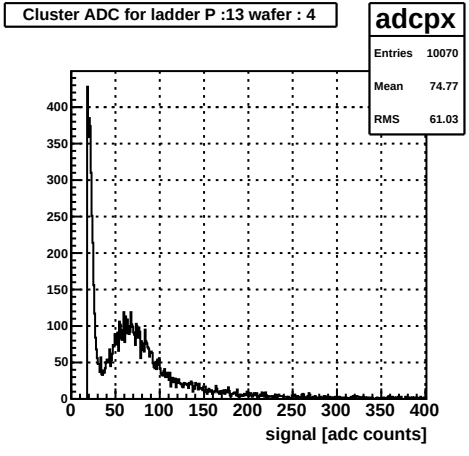

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 10127
Mean 57.97
RMS 55.7
signal [adc counts]

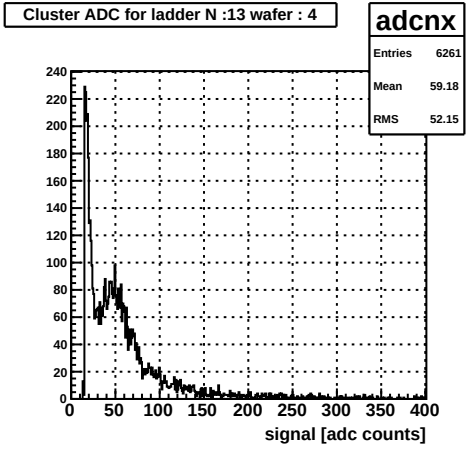

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 5060
Mean 62.98
RMS 53.03
signal [adc counts]

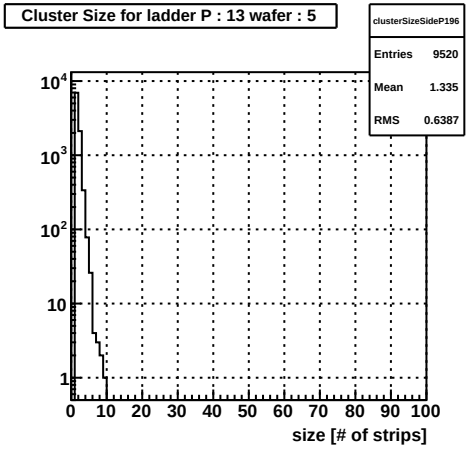

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 10070
Mean 1.337
RMS 0.6375
size [# of strips]

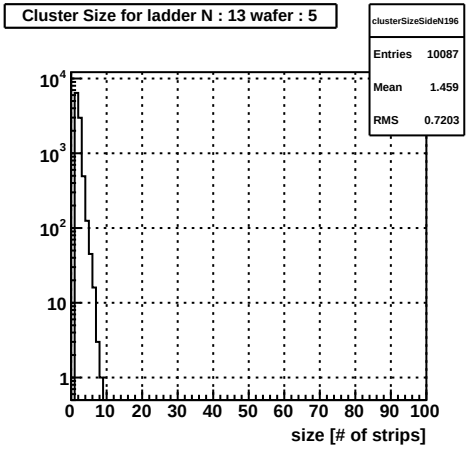

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 6261
Mean 1.406
RMS 0.6979
size [# of strips]

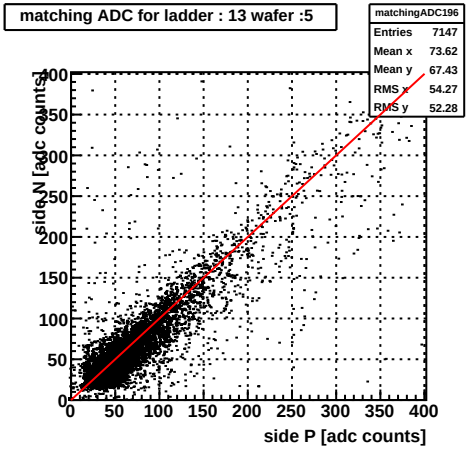

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 4676
Mean x 74.18
Mean y 67.85
RMS x 54.31
RMS y 52.5
side N [adc counts]
side P [adc counts]

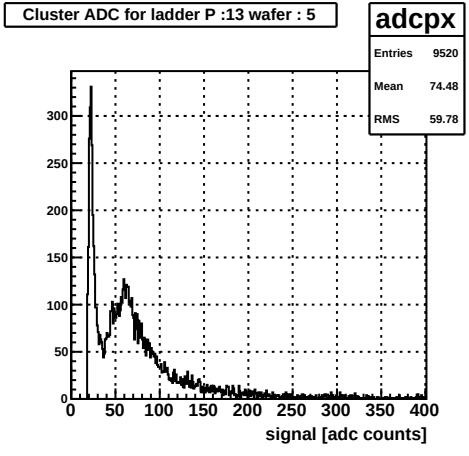

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 10070
Mean 74.77
RMS 61.03
signal [adc counts]

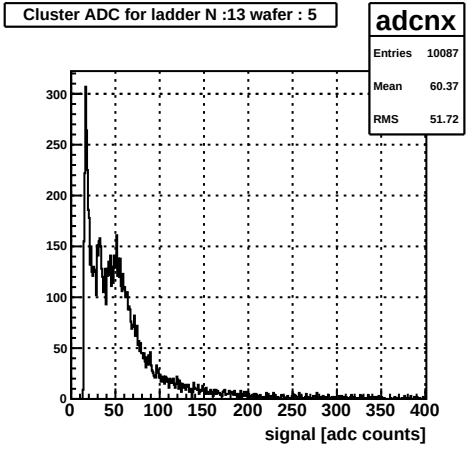

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 6261
Mean 59.18
RMS 52.15
signal [adc counts]

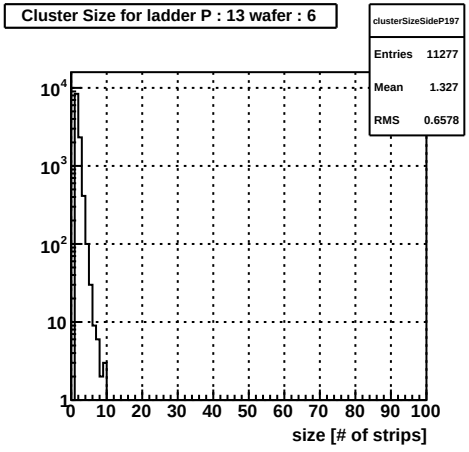

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 9520
Mean 1.335
RMS 0.6387
size [# of strips]

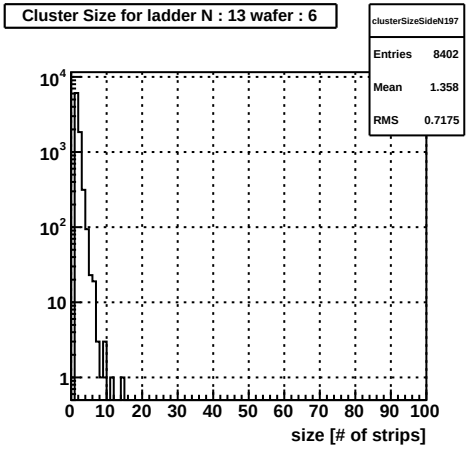

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 10087
Mean 1.459
RMS 0.7203
size [# of strips]

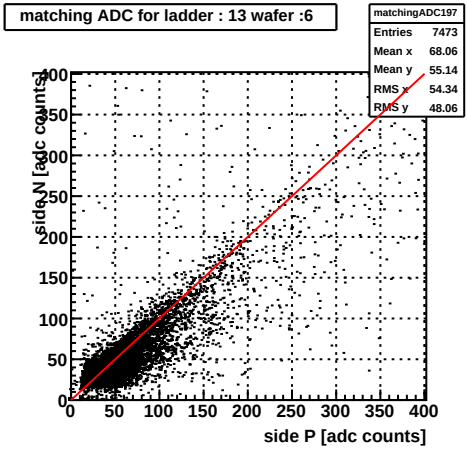

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 7147
Mean x 73.62
Mean y 67.43
RMS x 54.27
RMS y 52.28
side N [adc counts]
side P [adc counts]

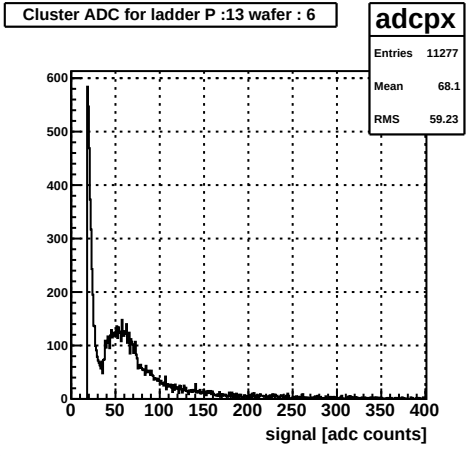

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 9520
Mean 74.48
RMS 59.78
signal [adc counts]

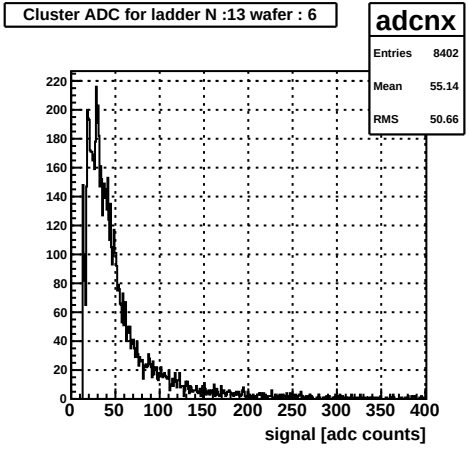

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 10087
Mean 60.37
RMS 51.72
signal [adc counts]

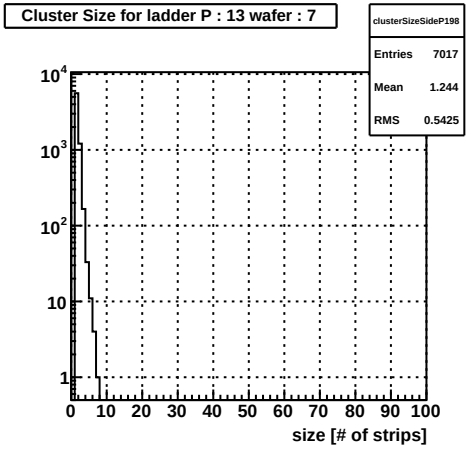

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 11277
Mean 1.327
RMS 0.6578
size [# of strips]

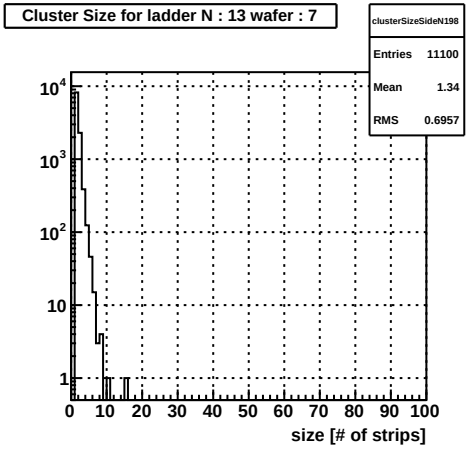

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 8402
Mean 1.358
RMS 0.7175
size [# of strips]

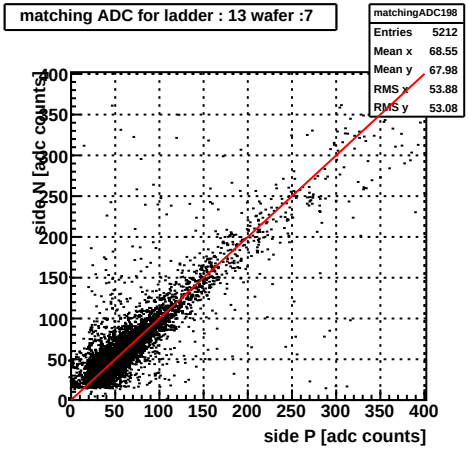

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 7473
Mean x 68.06
Mean y 55.14
RMS x 54.34
RMS y 48.06
side N [adc counts]
side P [adc counts]

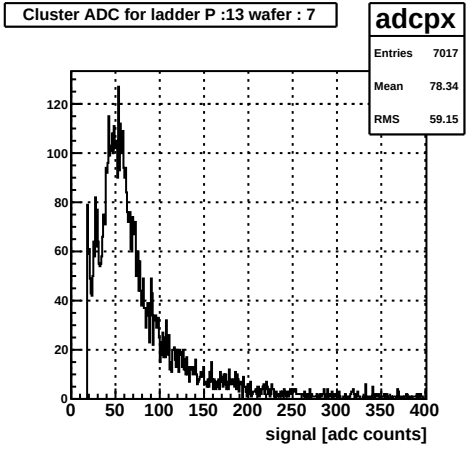

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 11277
Mean 68.1
RMS 59.23
signal [adc counts]

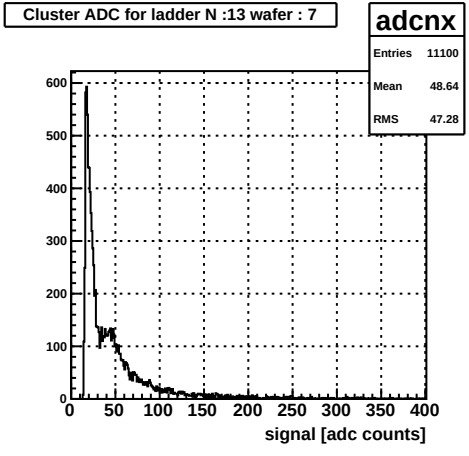

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 8402
Mean 55.14
RMS 50.66
signal [adc counts]

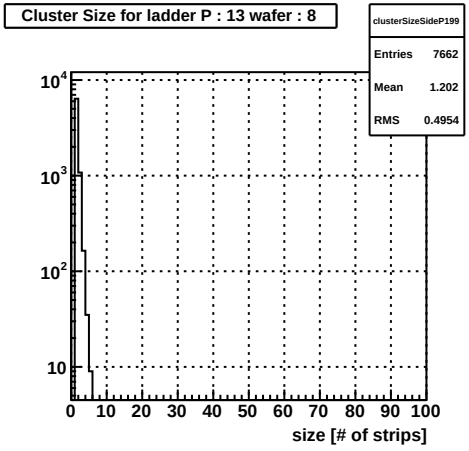

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 7017
Mean 1.244
RMS 0.5425
size [# of strips]

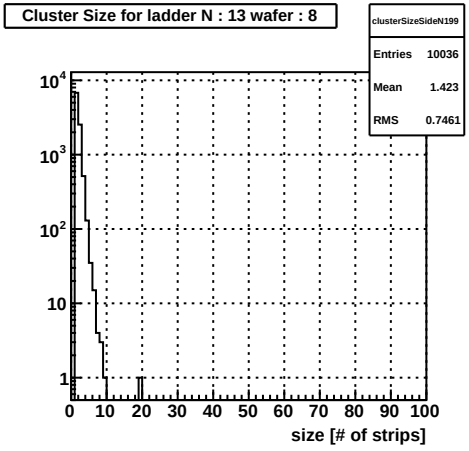

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 11100
Mean 1.34
RMS 0.6957
size [# of strips]

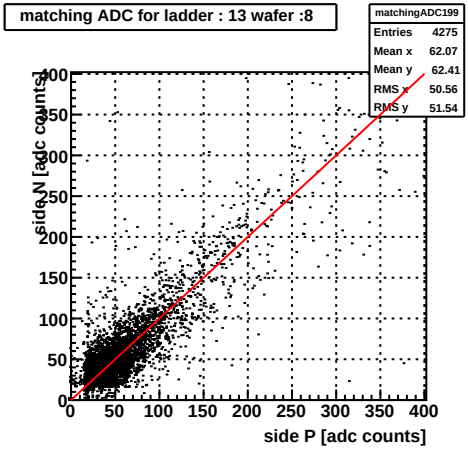

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 5212
Mean x 68.55
Mean y 67.98
RMS x 53.88
RMS y 53.08
side N [adc counts]
side P [adc counts]

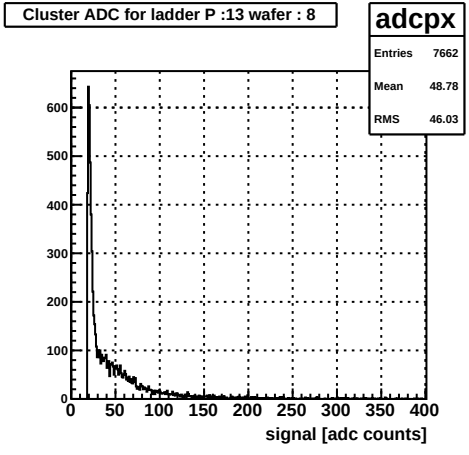

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 7017
Mean 78.34
RMS 59.15
signal [adc counts]

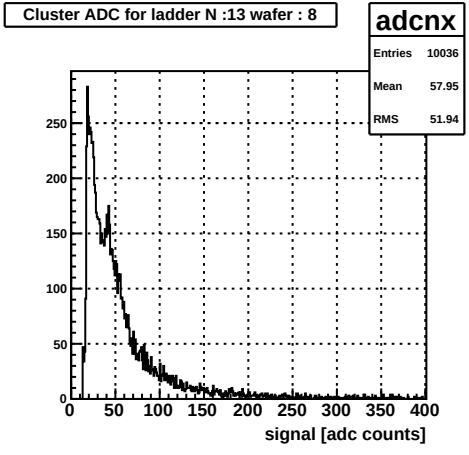

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 11100
Mean 48.64
RMS 47.28
signal [adc counts]

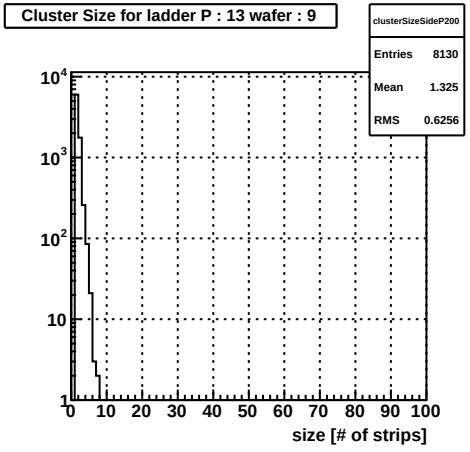

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 7662
Mean 1.202
RMS 0.4954
size [# of strips]

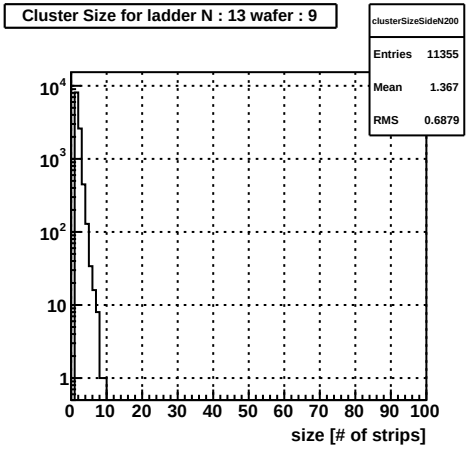

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 10036
Mean 1.423
RMS 0.7461
size [# of strips]

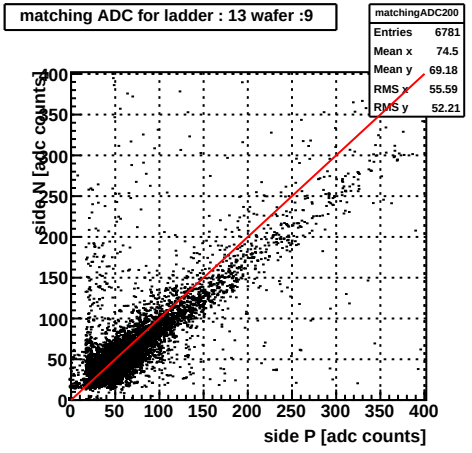

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 4275
Mean x 62.07
Mean y 62.41
RMS x 50.56
RMS y 51.54
side N [adc counts]
side P [adc counts]

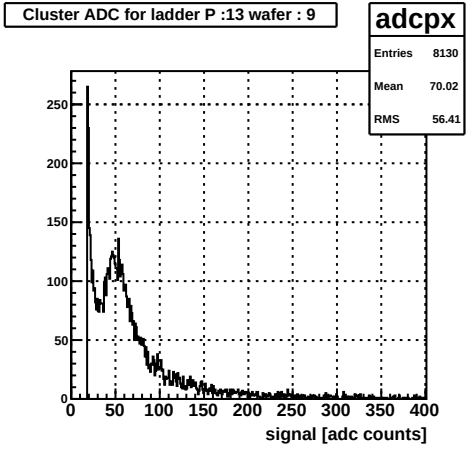

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 7662
Mean 48.78
RMS 46.03
signal [adc counts]

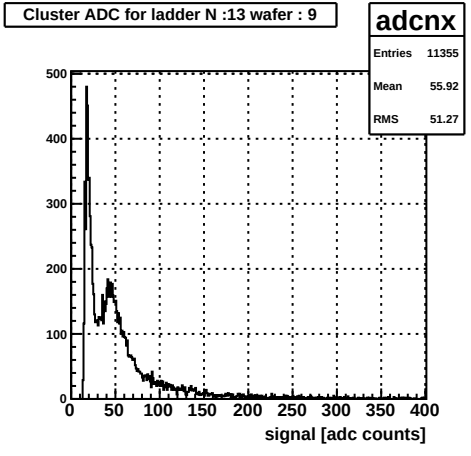

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 10036
Mean 57.95
RMS 51.94
signal [adc counts]

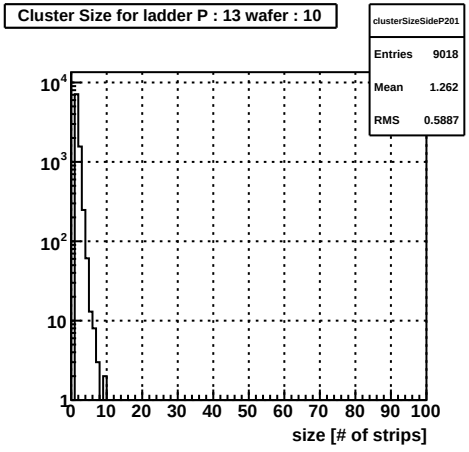

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 8130
Mean 1.325
RMS 0.6256
size [# of strips]

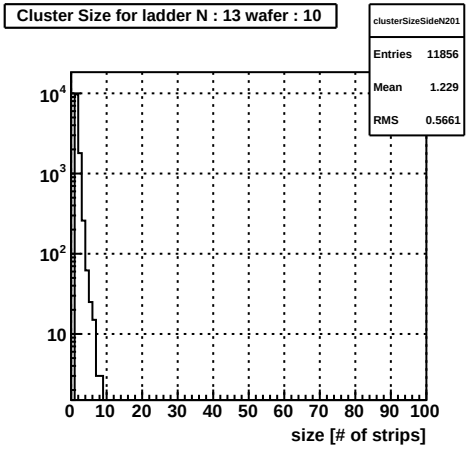

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 11355
Mean 1.367
RMS 0.6879
size [# of strips]

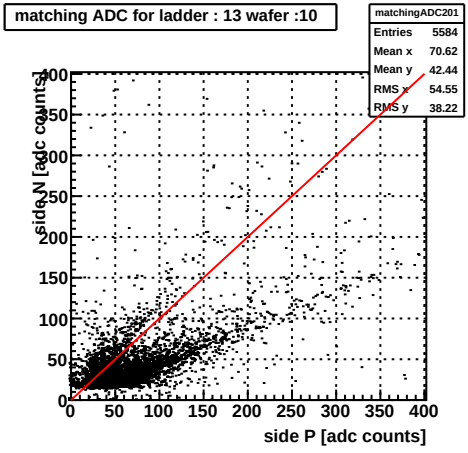

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 6781
Mean x 74.5
Mean y 69.18
RMS x 55.59
RMS y 52.21
side N [adc counts]
side P [adc counts]

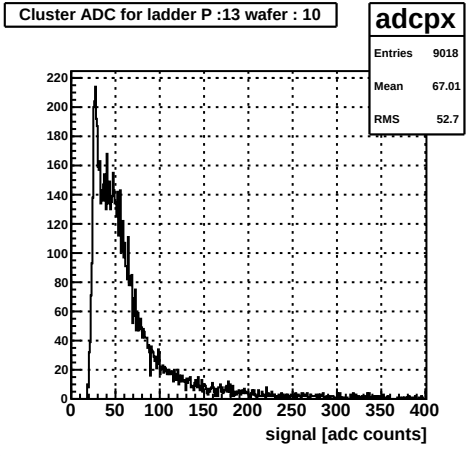

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 8130
Mean 70.02
RMS 56.41
signal [adc counts]

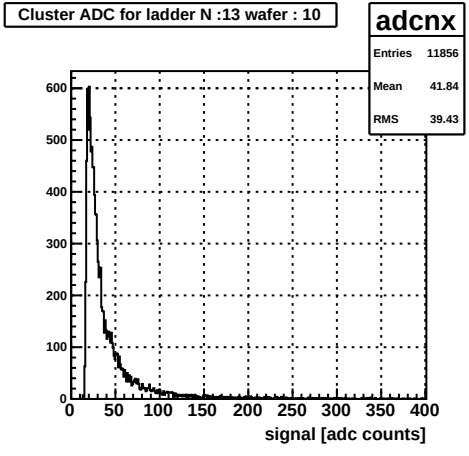

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 11355
Mean 55.92
RMS 51.27
signal [adc counts]

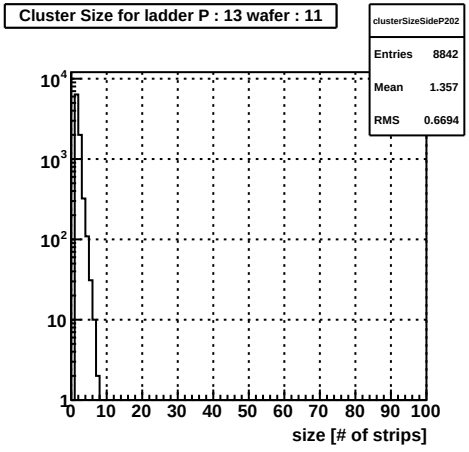

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 9018
Mean 1.262
RMS 0.5887
size [# of strips]

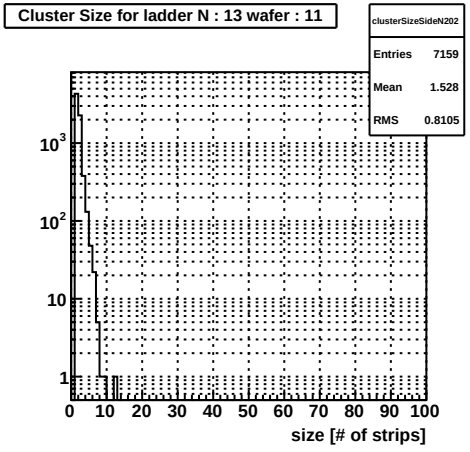

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 11856
Mean 1.229
RMS 0.5661
size [# of strips]

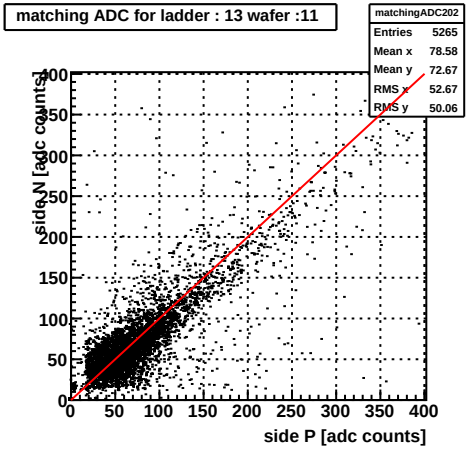

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 5584
Mean x 70.62
Mean y 42.44
RMS x 54.55
RMS y 38.22
side N [adc counts]
side P [adc counts]

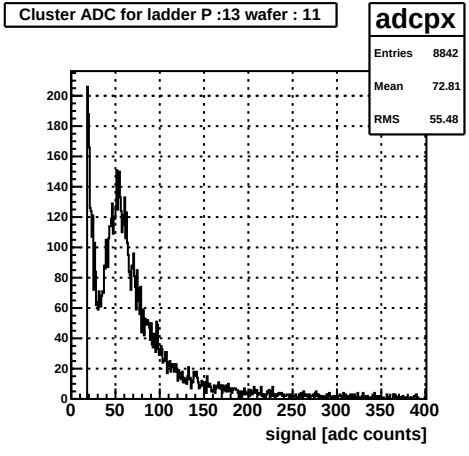

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 9018
Mean 67.01
RMS 52.7
signal [adc counts]

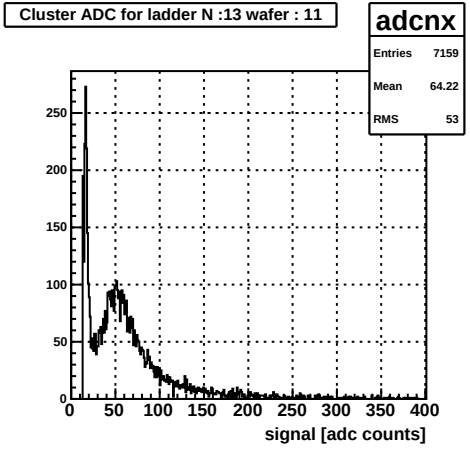

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 11856
Mean 41.84
RMS 39.43
signal [adc counts]

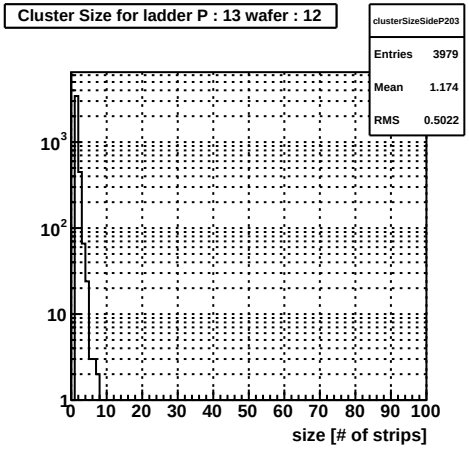

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 8842
Mean 1.357
RMS 0.6694
size [# of strips]

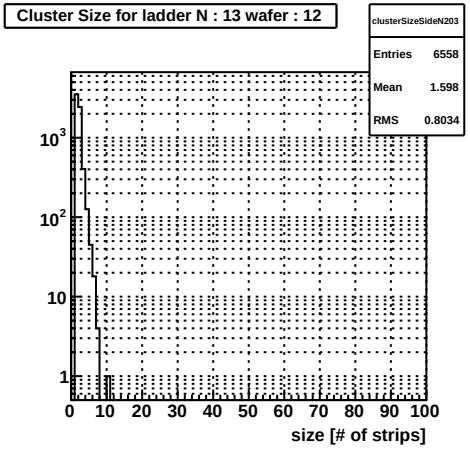

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 7159
Mean 1.528
RMS 0.8105
size [# of strips]

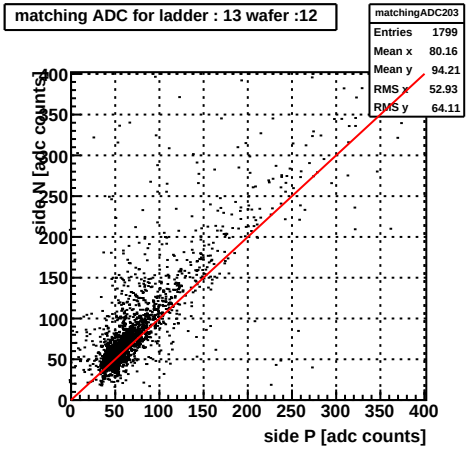

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 5265
Mean x 78.58
Mean y 72.67
RMS x 52.67
RMS y 50.06
side N [adc counts]
side P [adc counts]

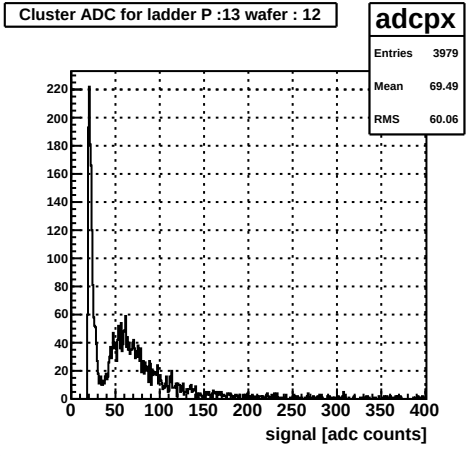

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 8842
Mean 72.81
RMS 55.48
signal [adc counts]

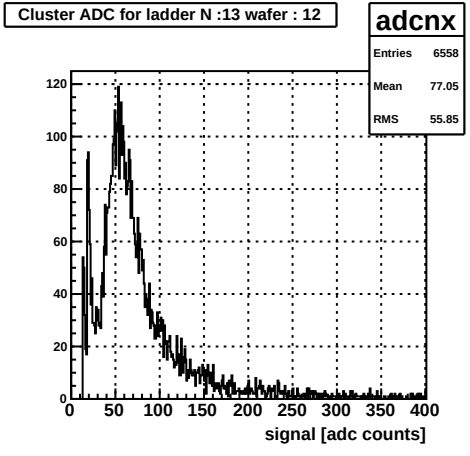

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 7159
Mean 64.22
RMS 53
signal [adc counts]

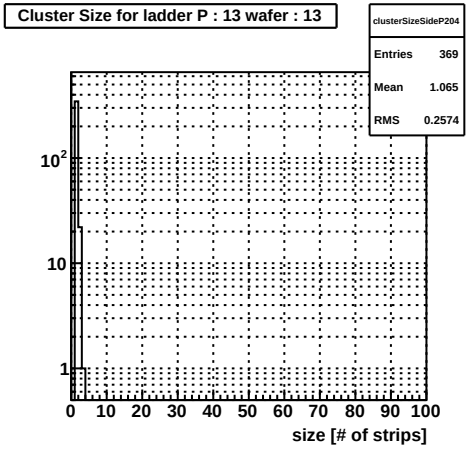

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 3979
Mean 1.174
RMS 0.5022
size [# of strips]

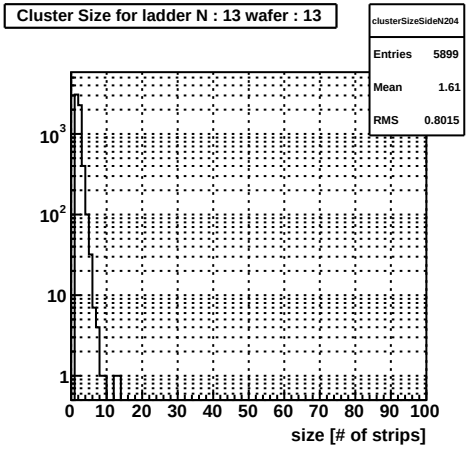

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 6558
Mean 1.598
RMS 0.8034
size [# of strips]

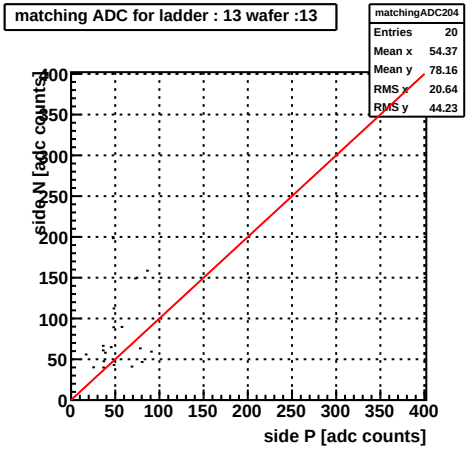

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1799
Mean x 80.16
Mean y 94.21
RMS x 52.93
RMS y 64.11
side N [adc counts]
side P [adc counts]

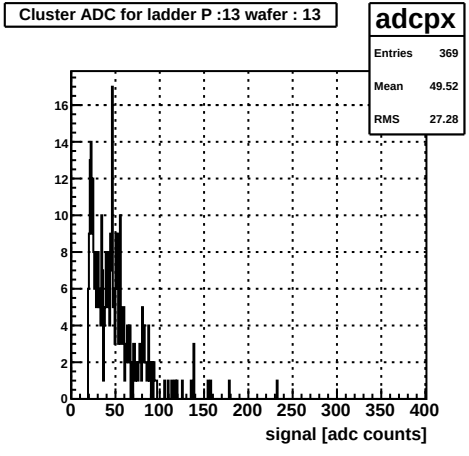

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 3979
Mean 69.49
RMS 60.06
signal [adc counts]

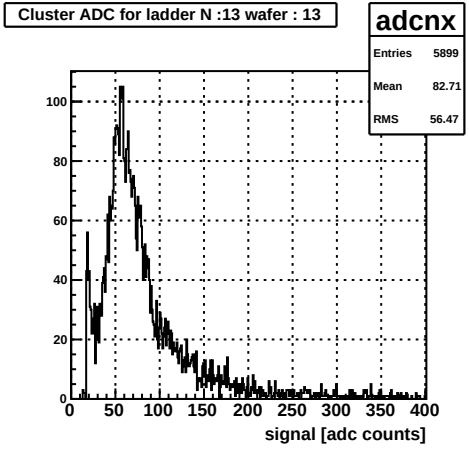

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 6558
Mean 77.05
RMS 55.85
signal [adc counts]

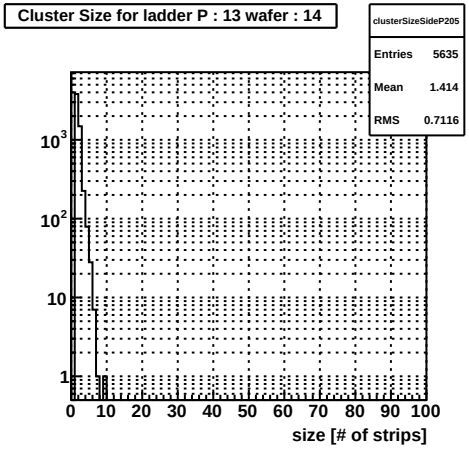

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 369
Mean 1.065
RMS 0.2574
size [# of strips]

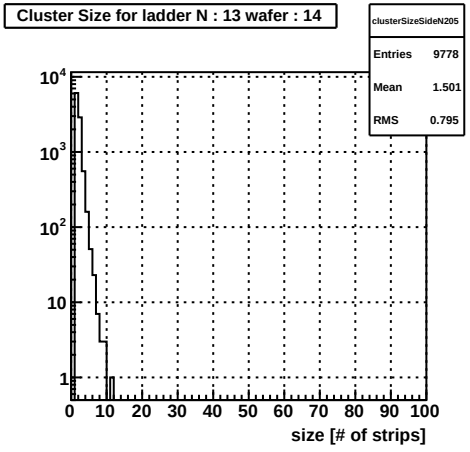

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 5899
Mean 1.61
RMS 0.8015
size [# of strips]

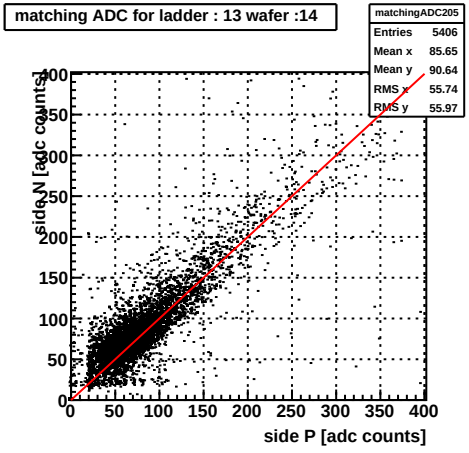

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 20
Mean x 54.37
Mean y 78.16
RMS x 20.64
RMS y 44.23
side N [adc counts]
side P [adc counts]

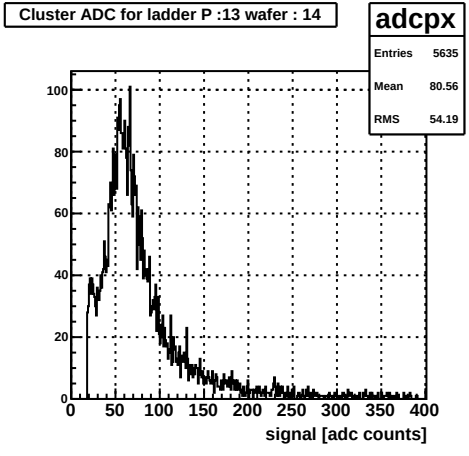

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 369
Mean 49.52
RMS 27.28
signal [adc counts]

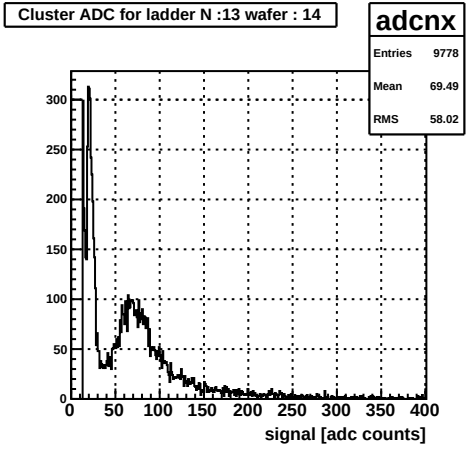

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 5899
Mean 82.71
RMS 56.47
signal [adc counts]

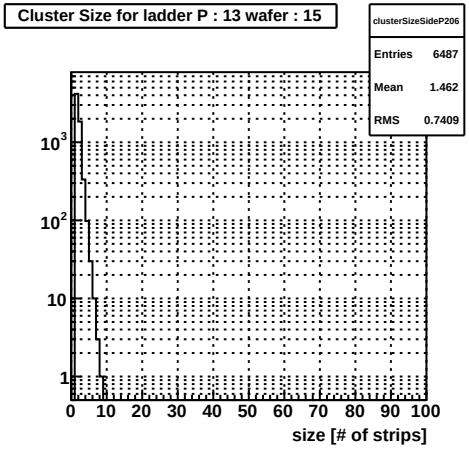

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 5635
Mean 1.414
RMS 0.7116
size [# of strips]

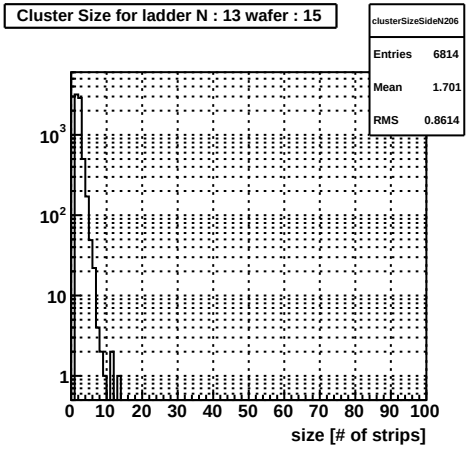

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 9778
Mean 1.501
RMS 0.795
size [# of strips]

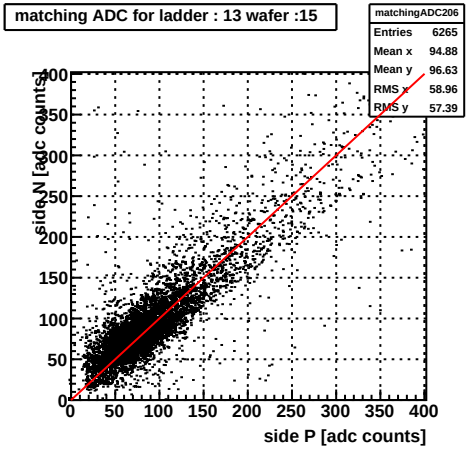

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 5406
Mean x 85.65
Mean y 90.64
RMS x 55.74
RMS y 55.97
side N [adc counts]
side P [adc counts]

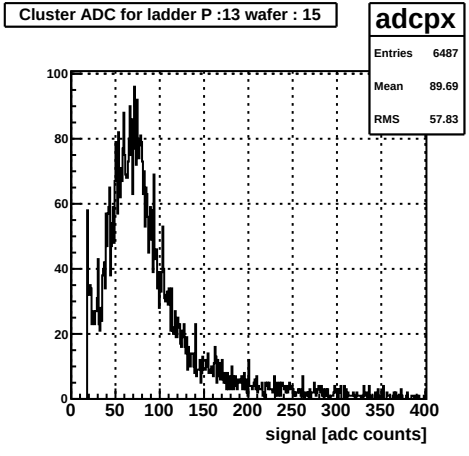

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 5635
Mean 80.56
RMS 54.19
signal [adc counts]

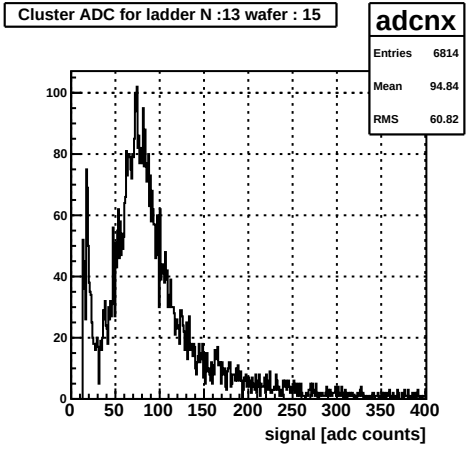

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 9778
Mean 69.49
RMS 58.02
signal [adc counts]

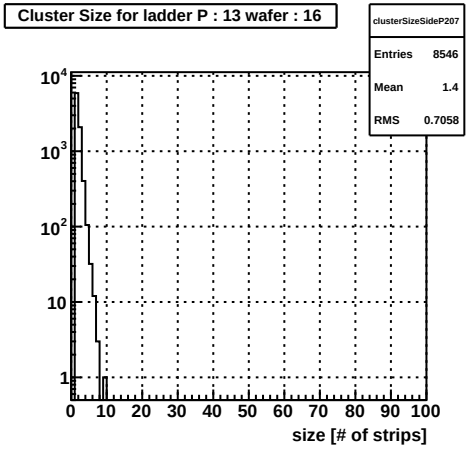

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 6487
Mean 1.462
RMS 0.7409
size [# of strips]

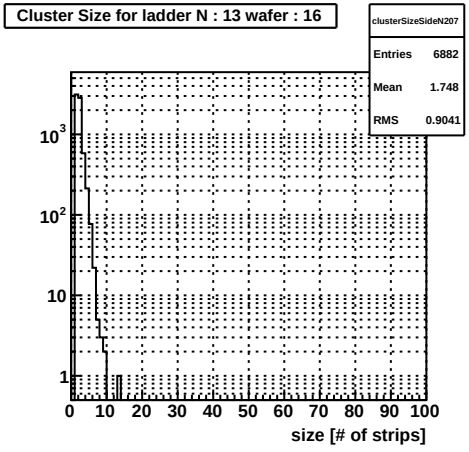

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 6814
Mean 1.701
RMS 0.8614
size [# of strips]

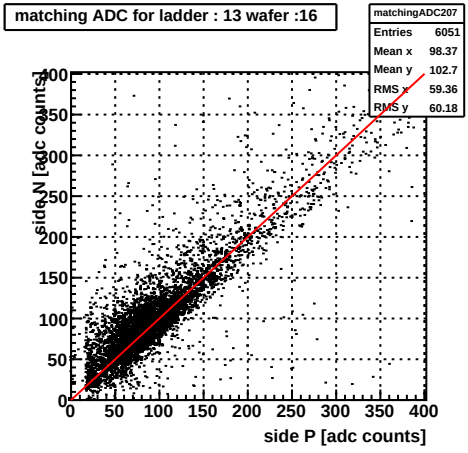

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 6265
Mean x 94.88
Mean y 96.63
RMS x 58.96
RMS y 57.39
side N [adc counts]
side P [adc counts]

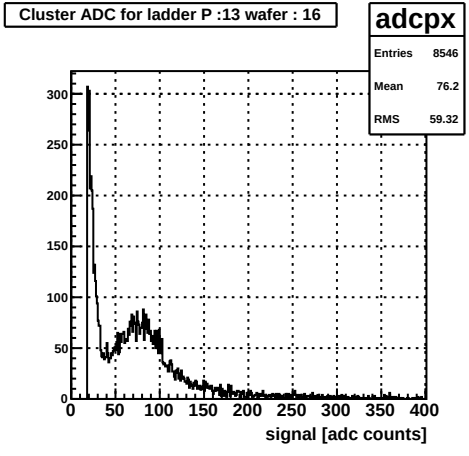

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 6487
Mean 89.69
RMS 57.83
signal [adc counts]

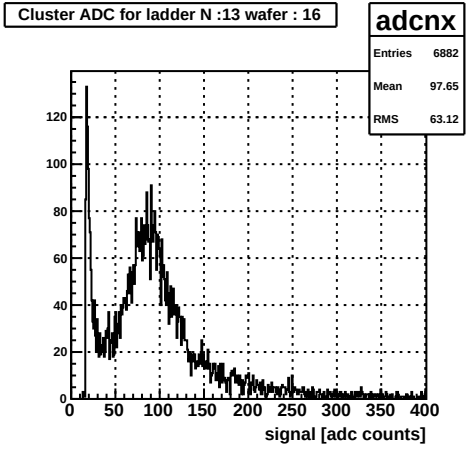

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 6814
Mean 94.84
RMS 60.82
signal [adc counts]

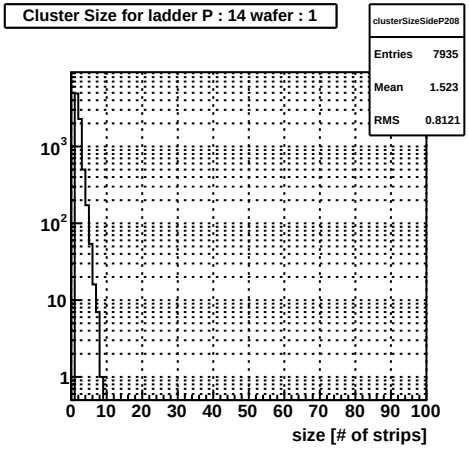

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8546
Mean 1.4
RMS 0.7058
size [# of strips]

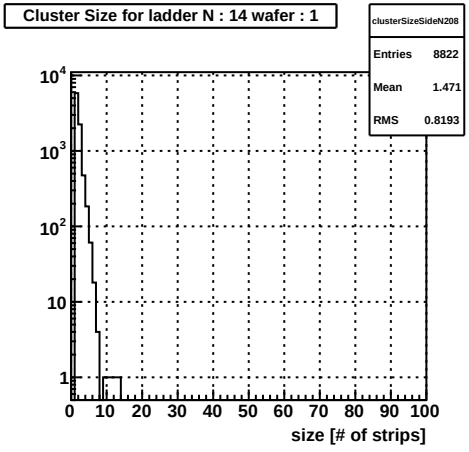

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 6882
Mean 1.748
RMS 0.9041
size [# of strips]

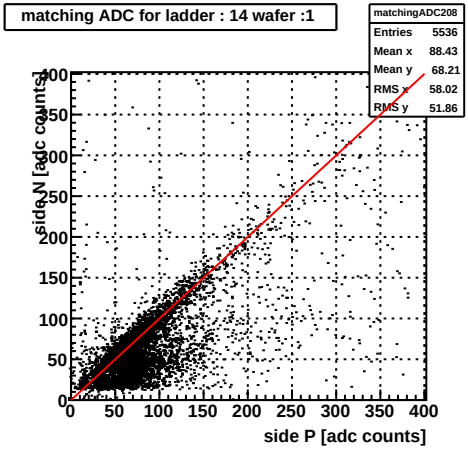

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 6051
Mean x 98.37
Mean y 102.7
RMS x 59.36
RMS y 60.18
side N [adc counts]
side P [adc counts]

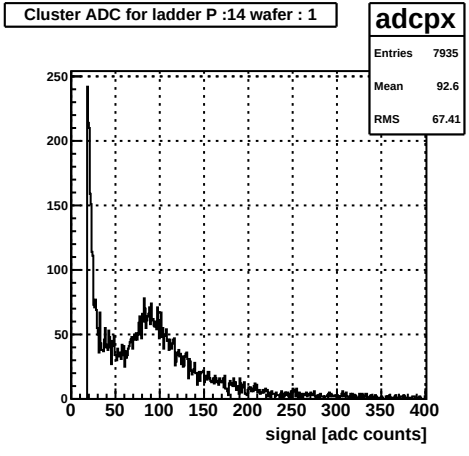

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8546
Mean 76.2
RMS 59.32
signal [adc counts]

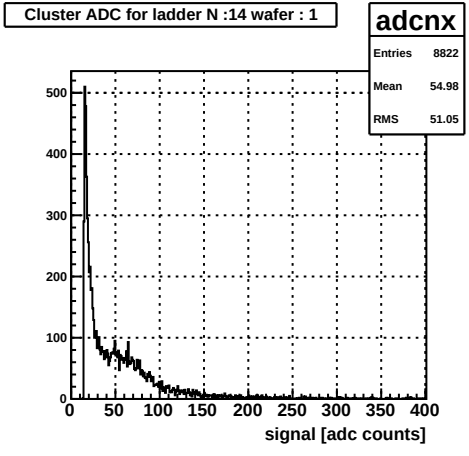

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 6882
Mean 97.65
RMS 63.12
signal [adc counts]

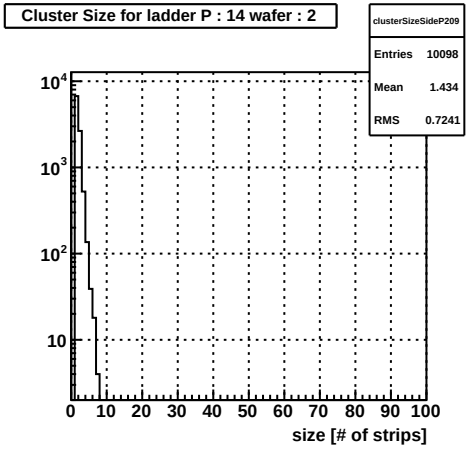

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 7935
Mean 1.523
RMS 0.8121
size [# of strips]

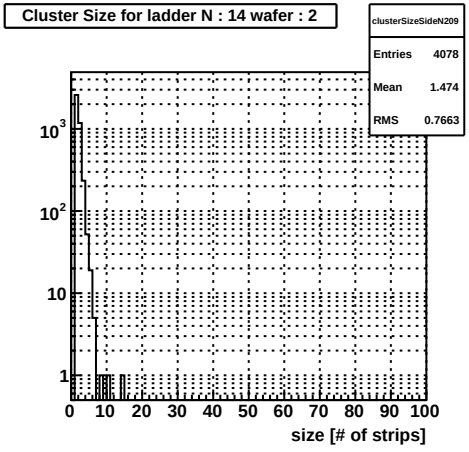

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8822
Mean 1.471
RMS 0.8193
size [# of strips]

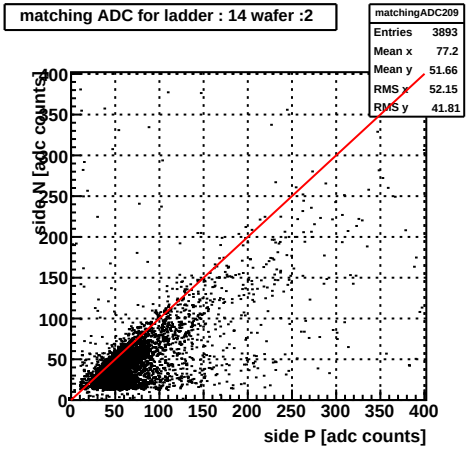

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 5536
Mean x 88.43
Mean y 68.21
RMS x 58.02
RMS y 51.86
side N [adc counts]
side P [adc counts]

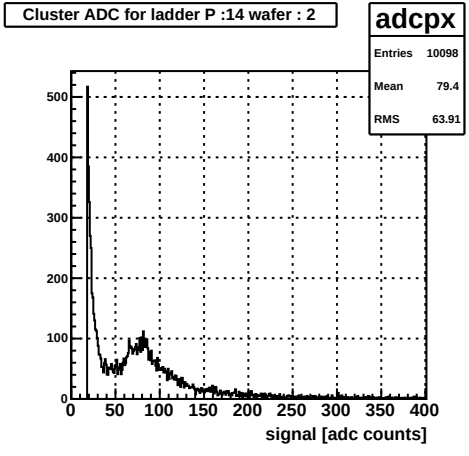

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 7935
Mean 92.6
RMS 67.41
signal [adc counts]

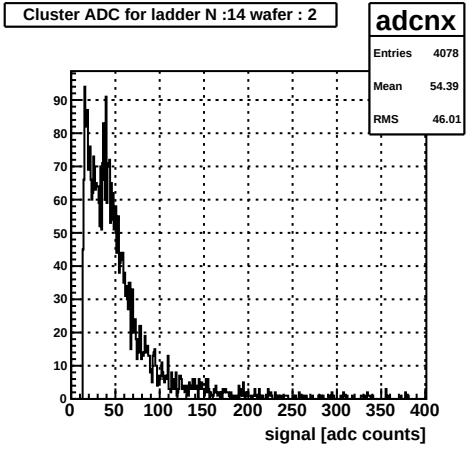

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8822
Mean 54.98
RMS 51.05
signal [adc counts]

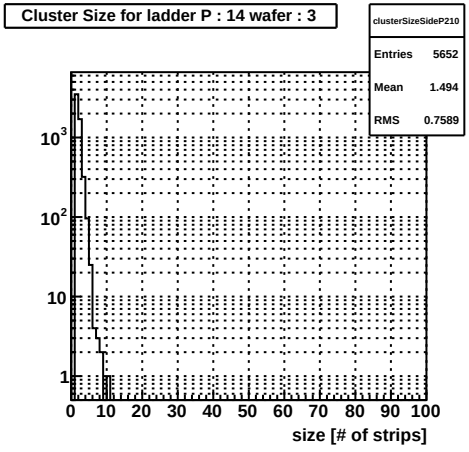

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 10098
Mean 1.434
RMS 0.7241
size [# of strips]

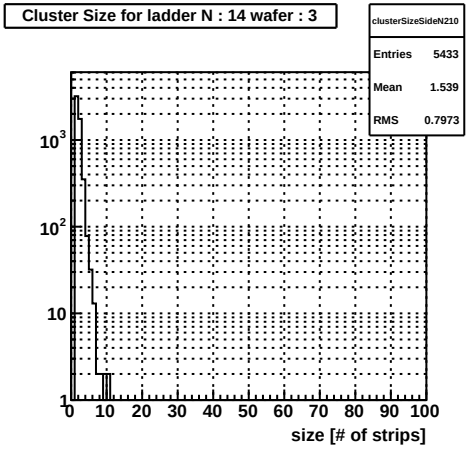

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 4078
Mean 1.474
RMS 0.7663
size [# of strips]

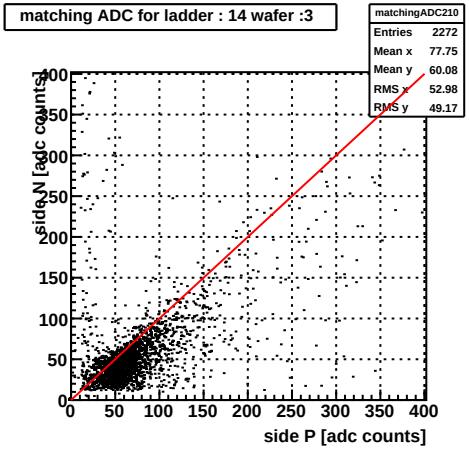

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 3893
Mean x 77.2
Mean y 51.66
RMS x 52.15
RMS y 41.81
side N [adc counts]
side P [adc counts]

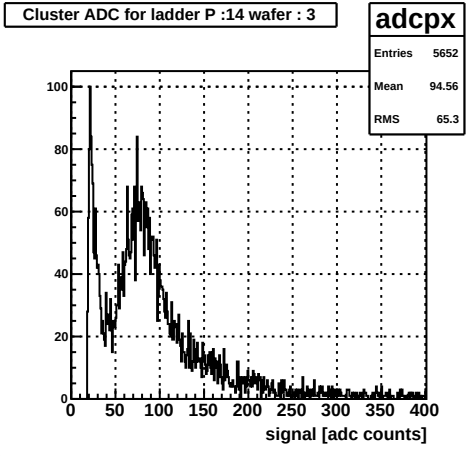

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 10098
Mean 79.4
RMS 63.91
signal [adc counts]

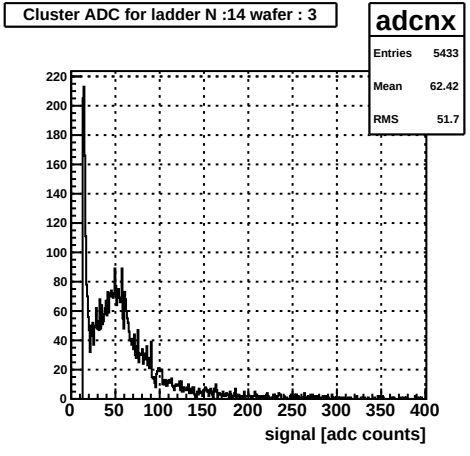

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 4078
Mean 54.39
RMS 46.01
signal [adc counts]

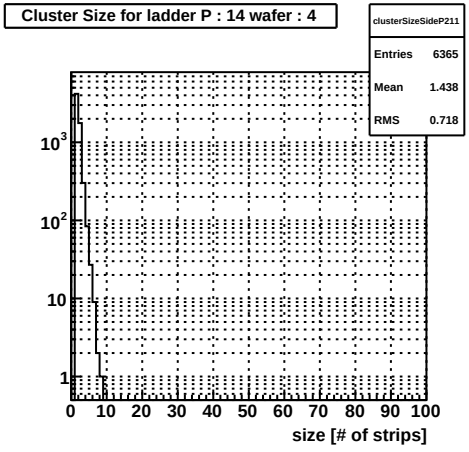

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 5652
Mean 1.494
RMS 0.7589
size [# of strips]

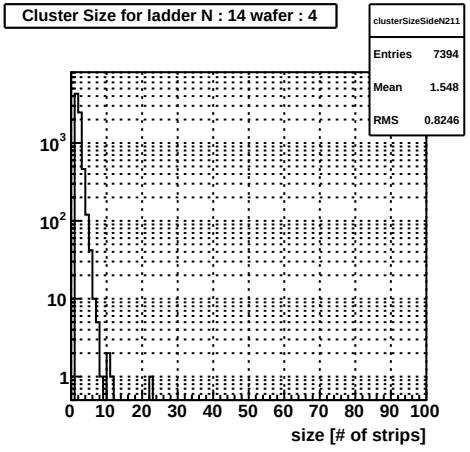

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 5433
Mean 1.539
RMS 0.7973
size [# of strips]

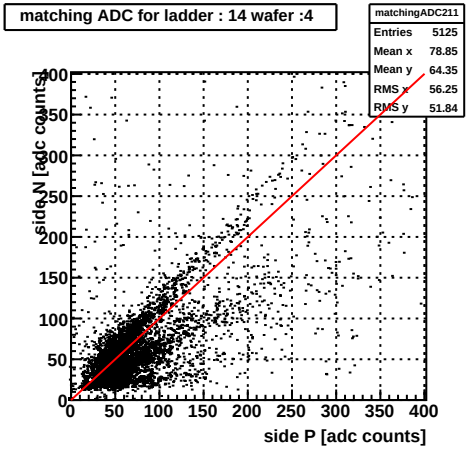

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 2272
Mean x 77.75
Mean y 60.08
RMS x 52.98
RMS y 49.17
side N [adc counts]
side P [adc counts]

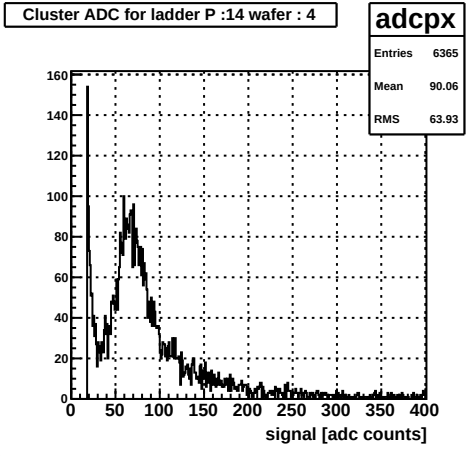

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 5652
Mean 94.56
RMS 65.3
signal [adc counts]

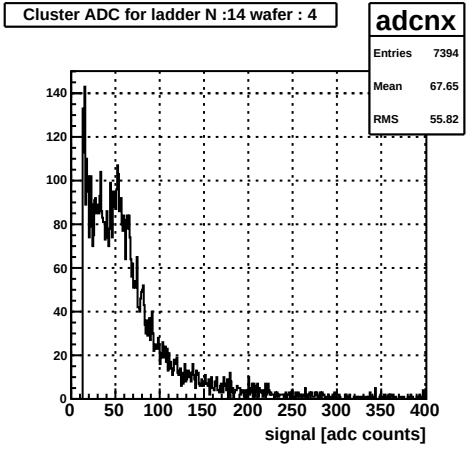

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 5433
Mean 62.42
RMS 51.7
signal [adc counts]

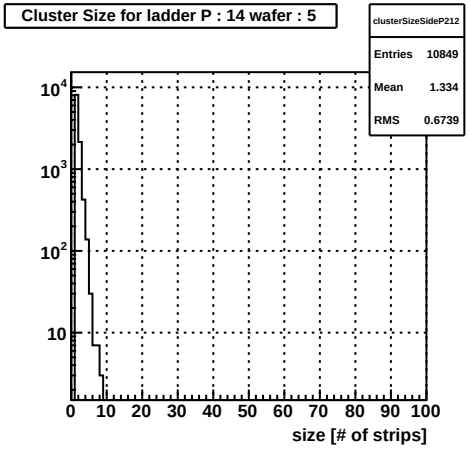

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 6365
Mean 1.438
RMS 0.718
size [# of strips]

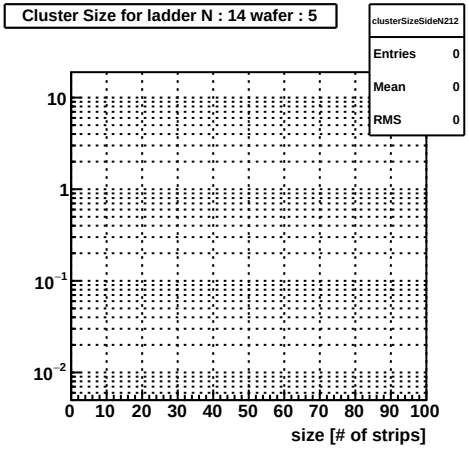

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7394
Mean 1.548
RMS 0.8246
size [# of strips]

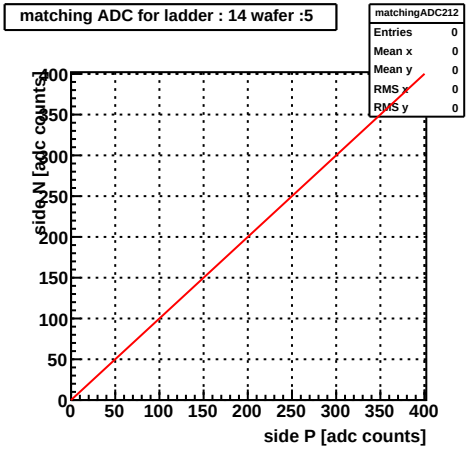

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 5125
Mean x 78.85
Mean y 64.35
RMS x 56.25
RMS y 51.84
side N [adc counts]
side P [adc counts]

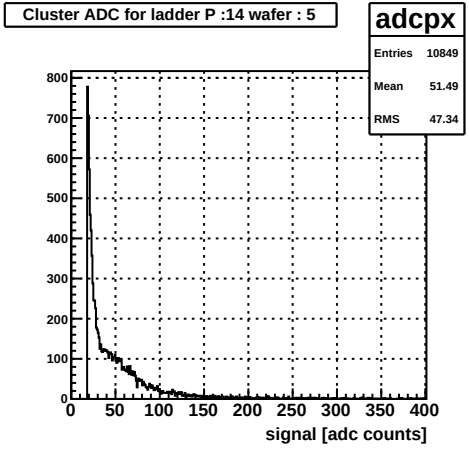

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 6365
Mean 90.06
RMS 63.93
signal [adc counts]

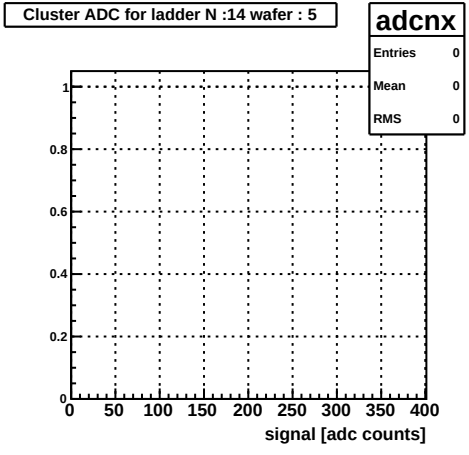

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7394
Mean 67.65
RMS 55.82
signal [adc counts]

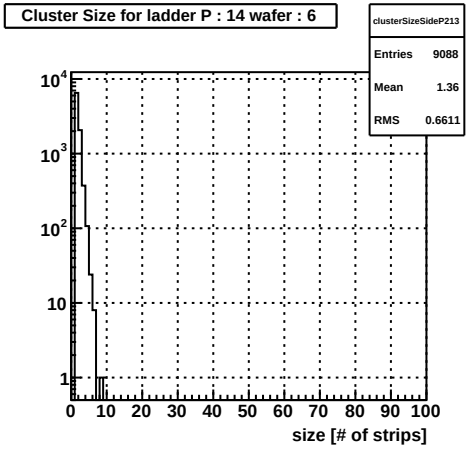

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 10849
Mean 1.334
RMS 0.6739
size [# of strips]

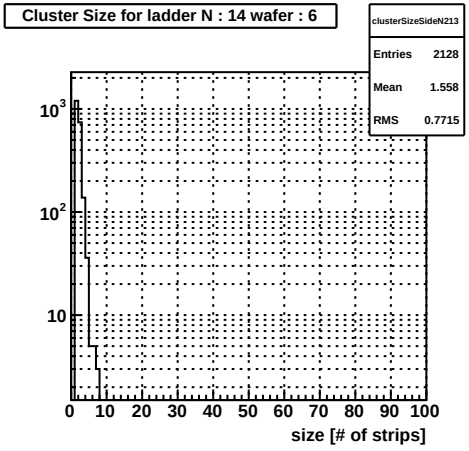

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

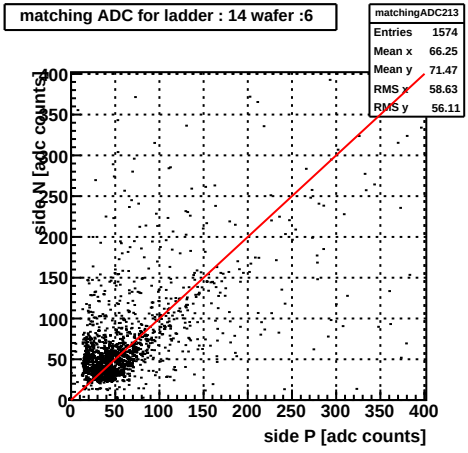

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

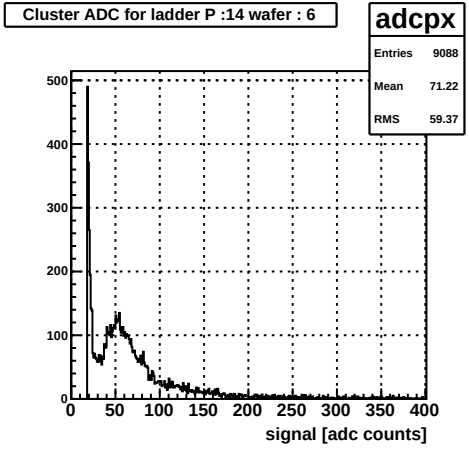

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 10849
Mean 51.49
RMS 47.34
signal [adc counts]

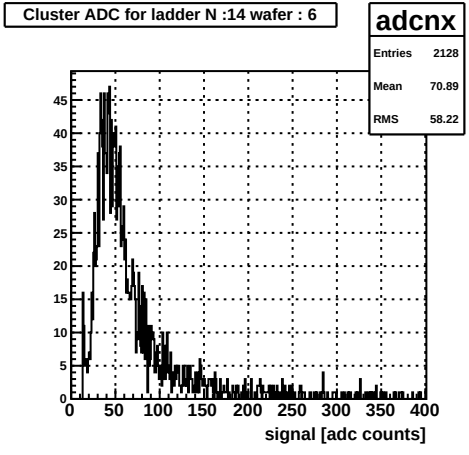

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

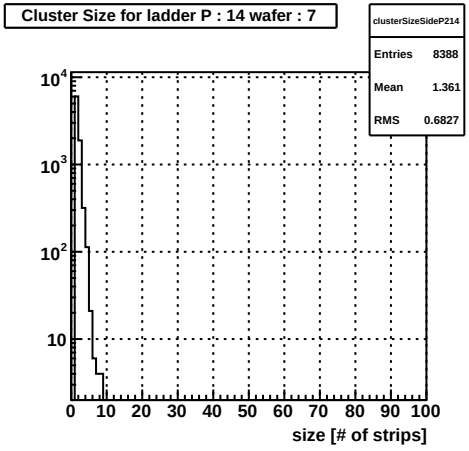

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 9088
Mean 1.36
RMS 0.6611
size [# of strips]

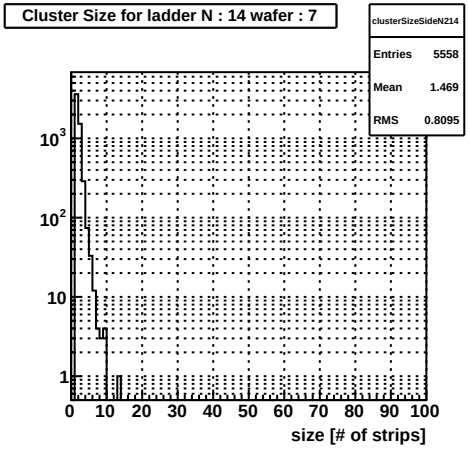

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2128
Mean 1.558
RMS 0.7715
size [# of strips]

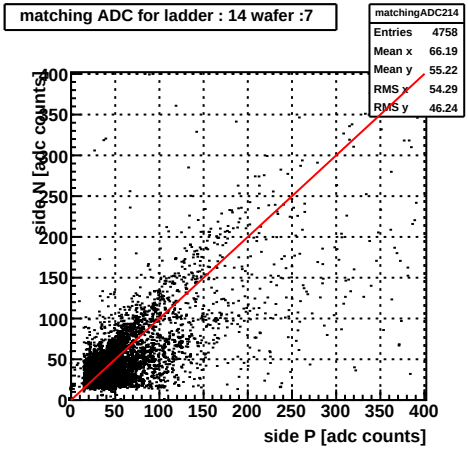

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1574
Mean x 66.25
Mean y 71.47
RMS x 58.63
RMS y 56.11
side N [adc counts]
side P [adc counts]

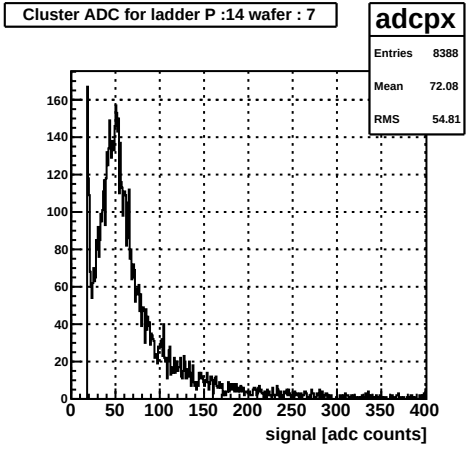

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 9088
Mean 71.22
RMS 59.37
signal [adc counts]

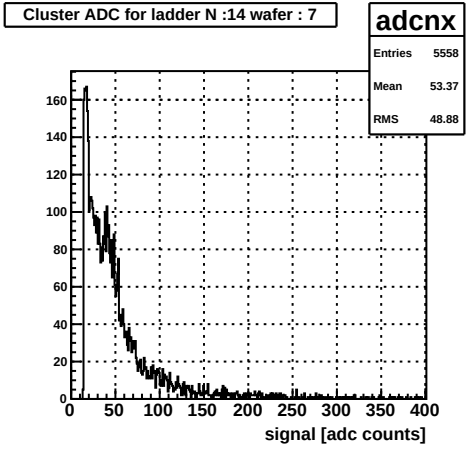

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2128
Mean 70.89
RMS 58.22
signal [adc counts]

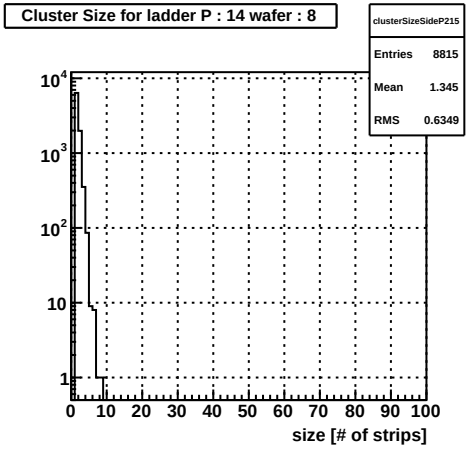

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 8388
Mean 1.361
RMS 0.6827
size [# of strips]

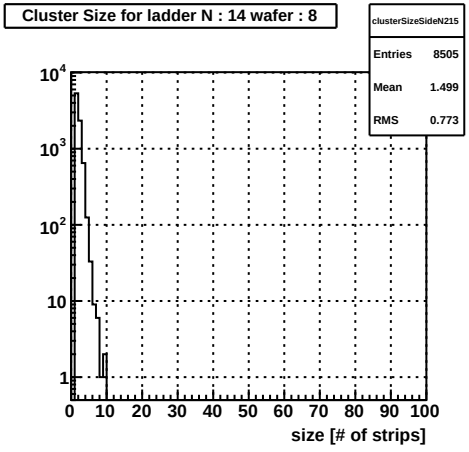

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5558
Mean 1.469
RMS 0.8095
size [# of strips]

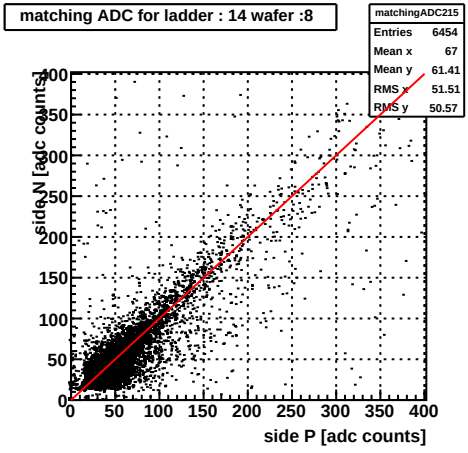

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 4758
Mean x 66.19
Mean y 55.22
RMS x 54.29
RMS y 46.24
side N [adc counts]
side P [adc counts]

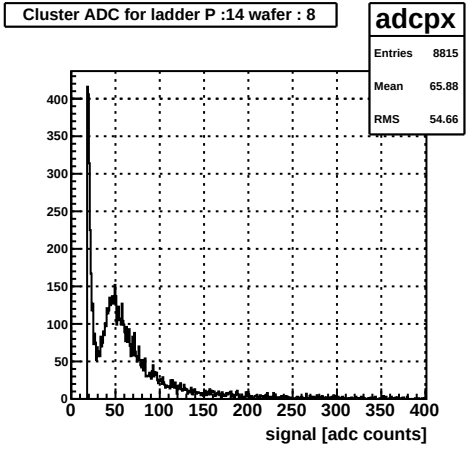

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 8388
Mean 72.08
RMS 54.81
signal [adc counts]

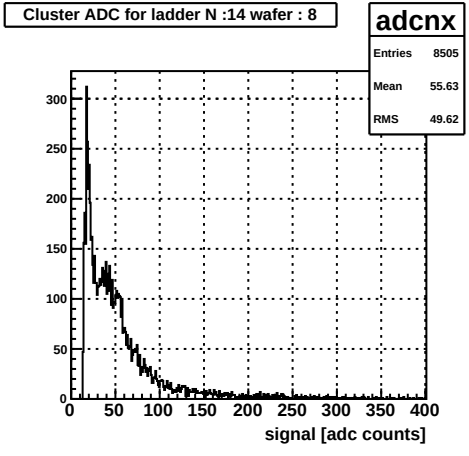

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5558
Mean 53.37
RMS 48.88
signal [adc counts]

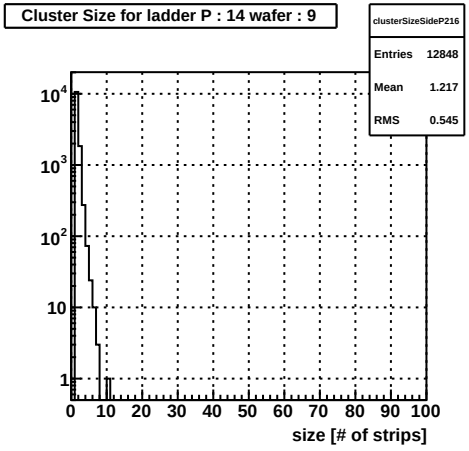

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 8815
Mean 1.345
RMS 0.6349
size [# of strips]

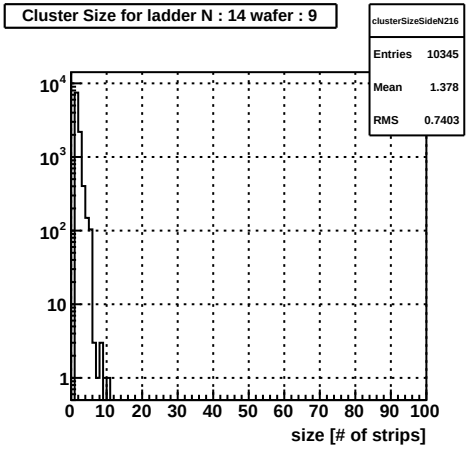

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 8505
Mean 1.499
RMS 0.773
size [# of strips]

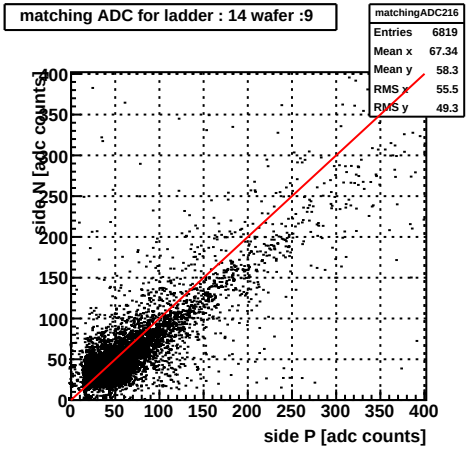

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 6454
Mean x 67
Mean y 61.41
RMS x 51.51
RMS y 50.57
side N [adc counts]
side P [adc counts]

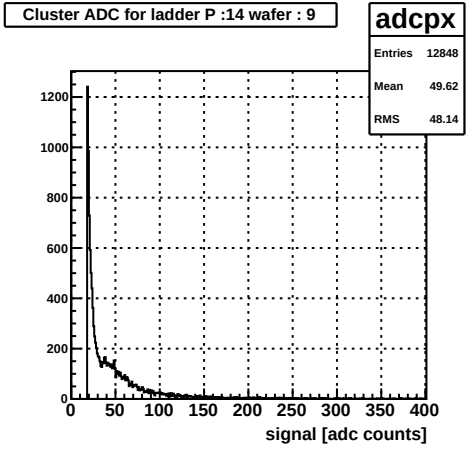

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 8815
Mean 65.88
RMS 54.66
signal [adc counts]

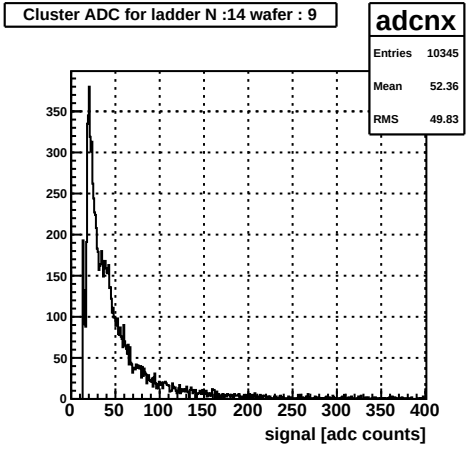

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 8505
Mean 55.63
RMS 49.62
signal [adc counts]

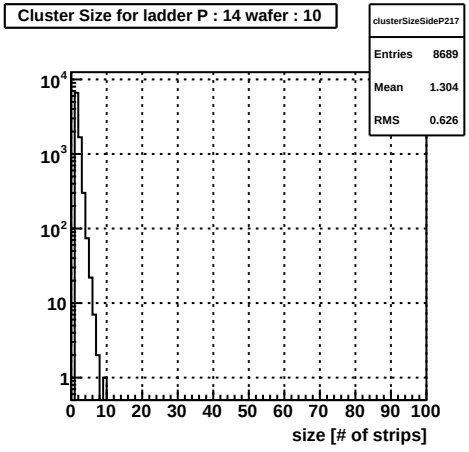

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12848
Mean 1.217
RMS 0.545
size [# of strips]

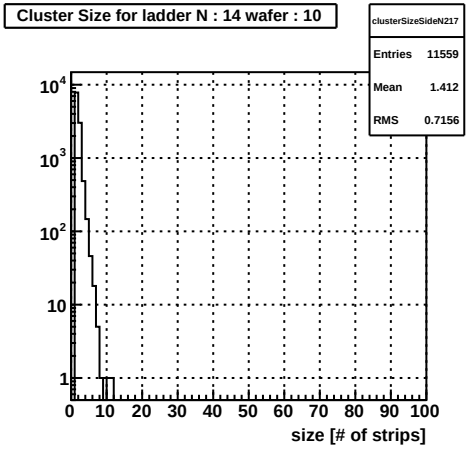

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 10345
Mean 1.378
RMS 0.7403
size [# of strips]

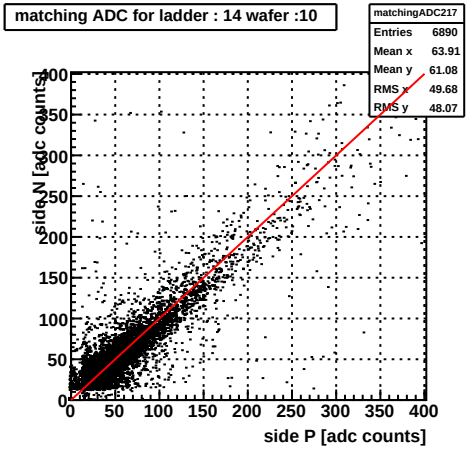

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 6819
Mean x 67.34
Mean y 58.3
RMS x 55.5
RMS y 49.3
side N [adc counts]
side P [adc counts]

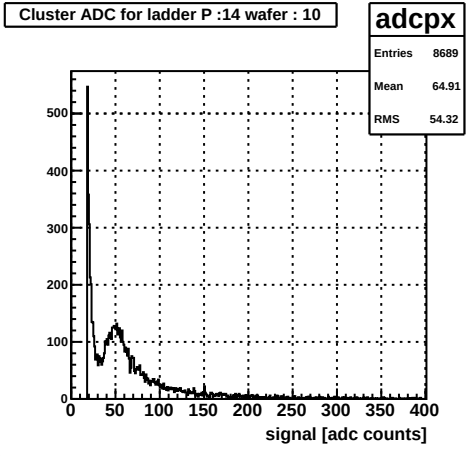

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12848
Mean 49.62
RMS 48.14
signal [adc counts]

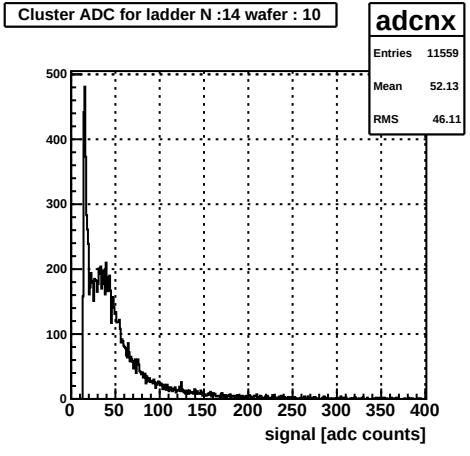

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 10345
Mean 52.36
RMS 49.83
signal [adc counts]

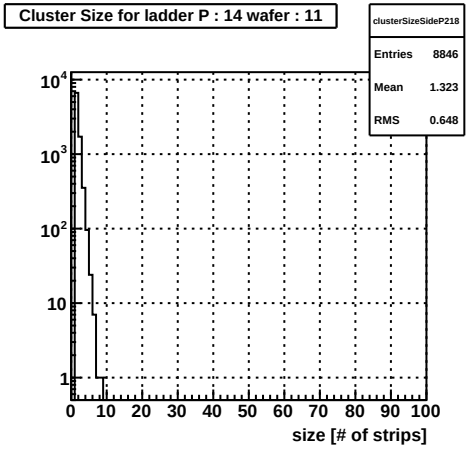

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 8689
Mean 1.304
RMS 0.626
size [# of strips]

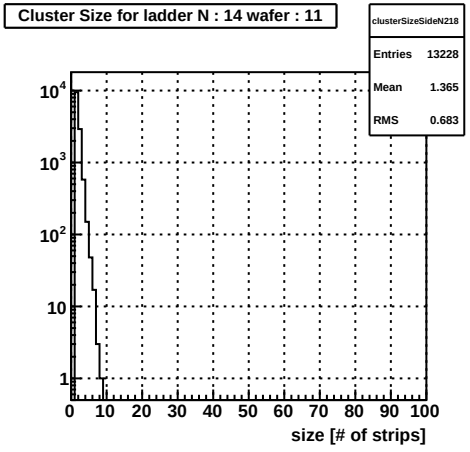

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 11559
Mean 1.412
RMS 0.7156
size [# of strips]

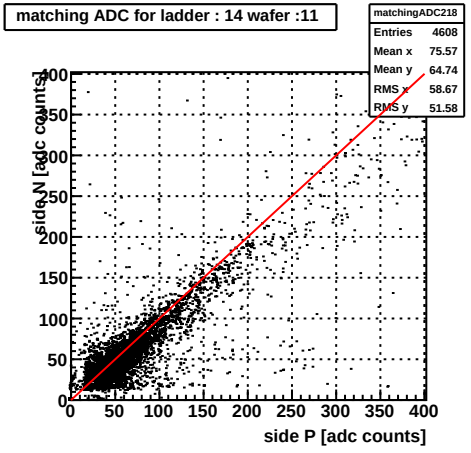

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 6890
Mean x 63.91
Mean y 61.08
RMS x 49.68
RMS y 48.07
side N [adc counts]
side P [adc counts]

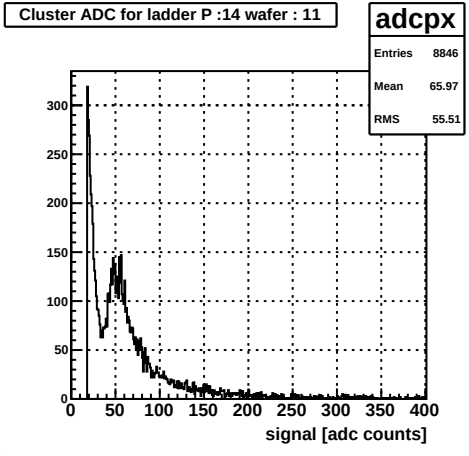

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 8689
Mean 64.91
RMS 54.32
signal [adc counts]

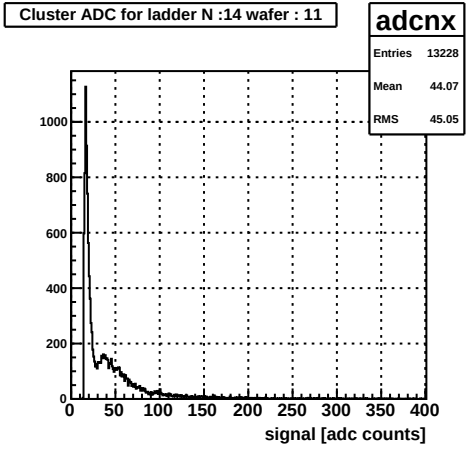

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 11559
Mean 52.13
RMS 46.11
signal [adc counts]

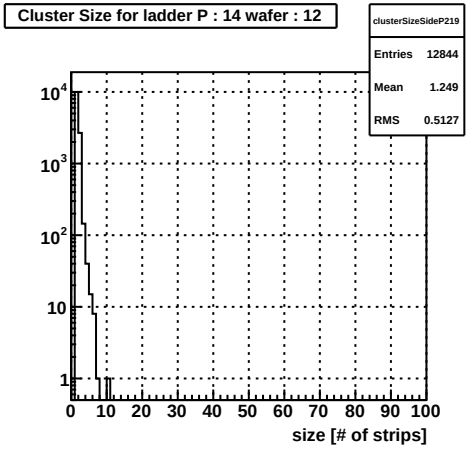

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 8846
Mean 1.323
RMS 0.648
size [# of strips]

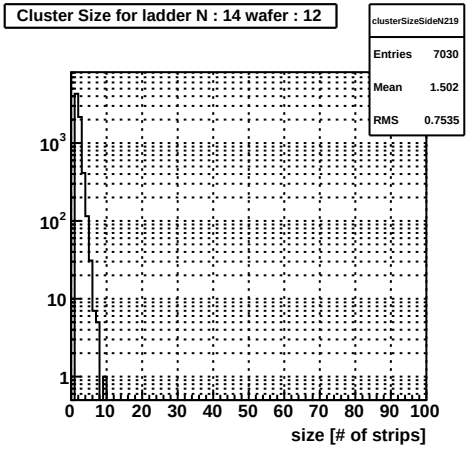

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 13228
Mean 1.365
RMS 0.683
size [# of strips]

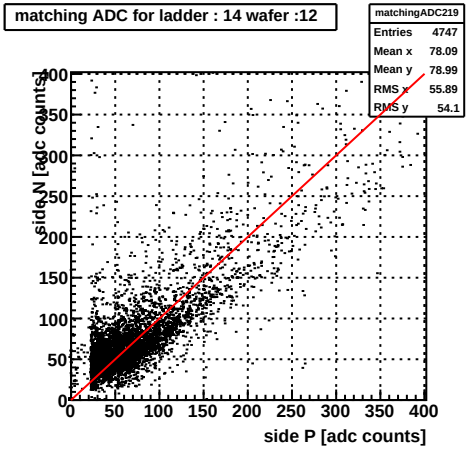

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 4608
Mean x 75.57
Mean y 64.74
RMS x 58.67
RMS y 51.58
side N [adc counts]
side P [adc counts]

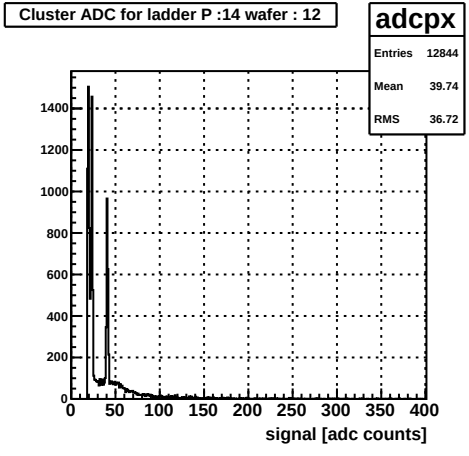

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 8846
Mean 65.97
RMS 55.51
signal [adc counts]

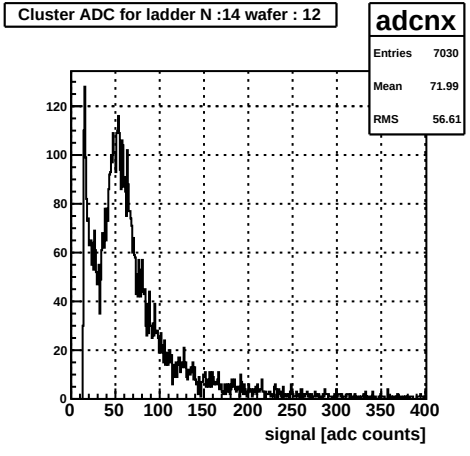

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 13228
Mean 44.07
RMS 45.05
signal [adc counts]

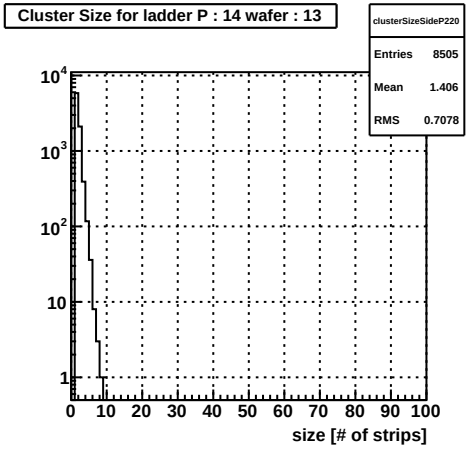

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 12844
Mean 1.249
RMS 0.5127
size [# of strips]

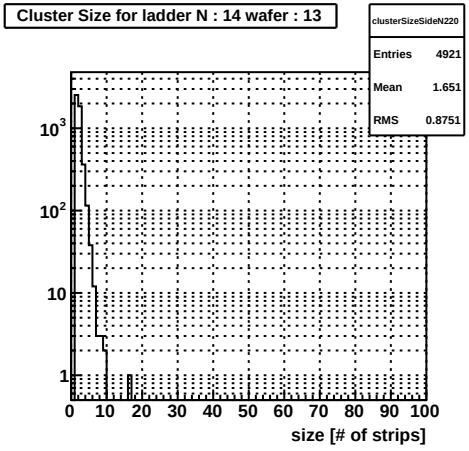

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 7030
Mean 1.502
RMS 0.7535
size [# of strips]

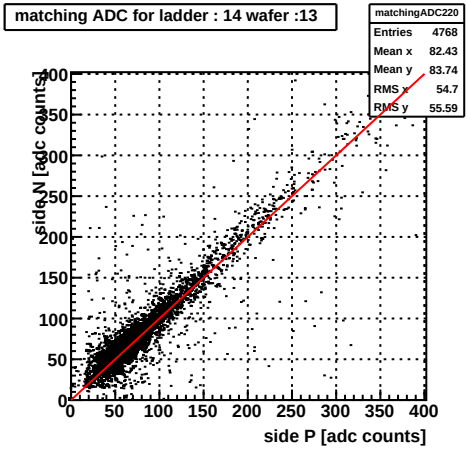

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 4747
Mean x 78.09
Mean y 78.99
RMS x 55.89
RMS y 54.1
side N [adc counts]
side P [adc counts]

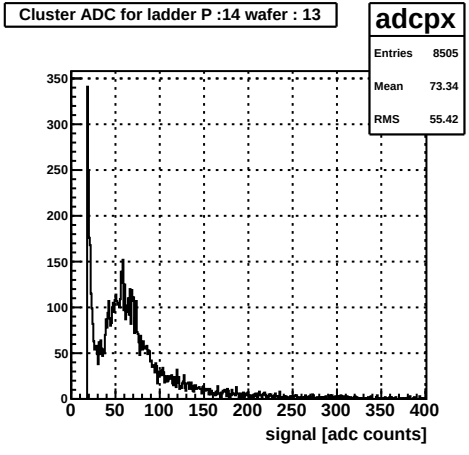

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 12844
Mean 39.74
RMS 36.72
signal [adc counts]

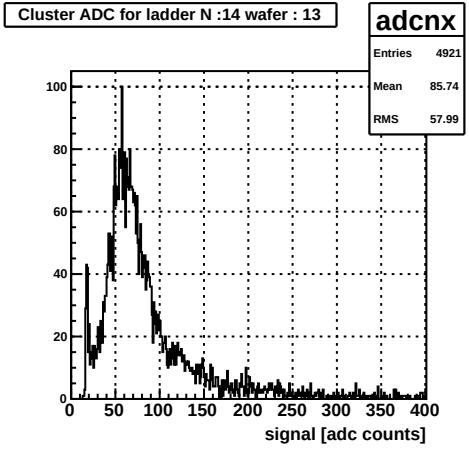

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 7030
Mean 71.99
RMS 56.61
signal [adc counts]

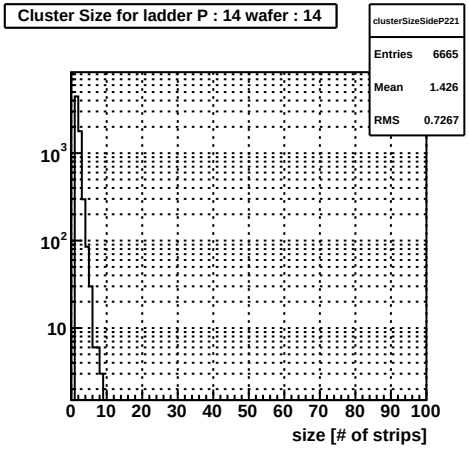

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 8505
Mean 1.406
RMS 0.7078
size [# of strips]

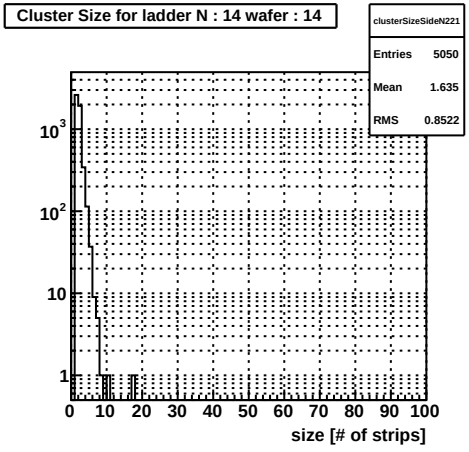

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 4921
Mean 1.651
RMS 0.8751
size [# of strips]

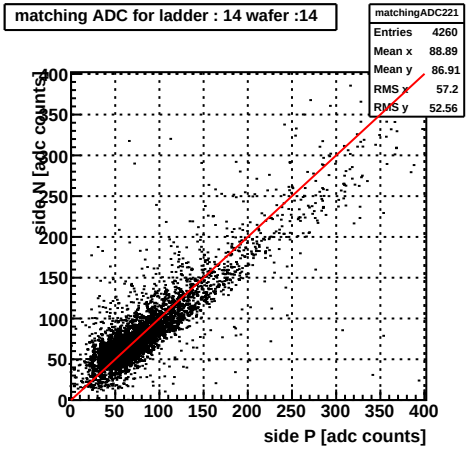

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 4768
Mean x 82.43
Mean y 83.74
RMS x 54.7
RMS y 55.59
side N [adc counts]
side P [adc counts]

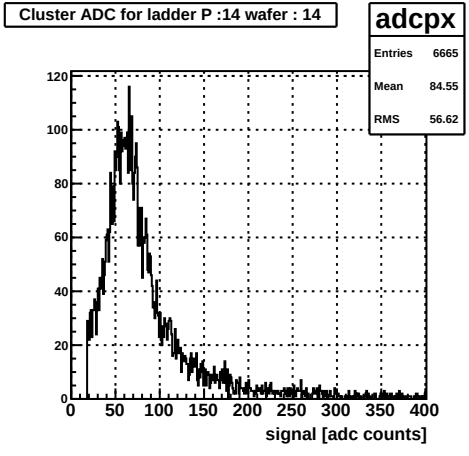

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 8505
Mean 73.34
RMS 55.42
signal [adc counts]

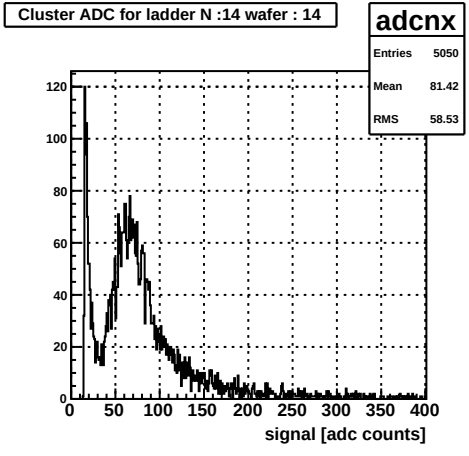

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 4921
Mean 85.74
RMS 57.99
signal [adc counts]

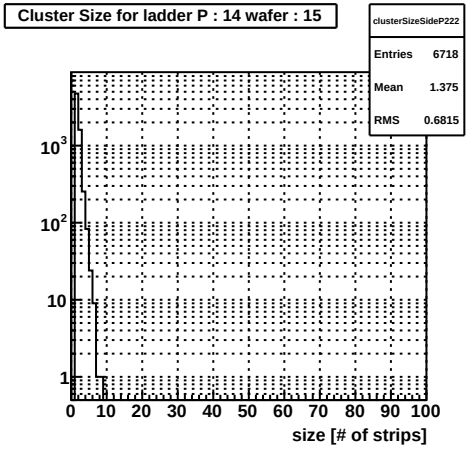

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 6665
Mean 1.426
RMS 0.7267
size [# of strips]

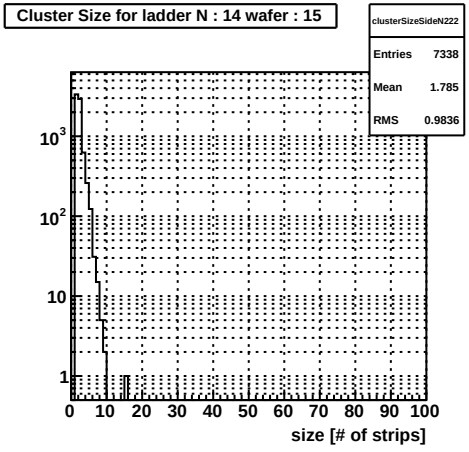

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 5050
Mean 1.635
RMS 0.8522
size [# of strips]

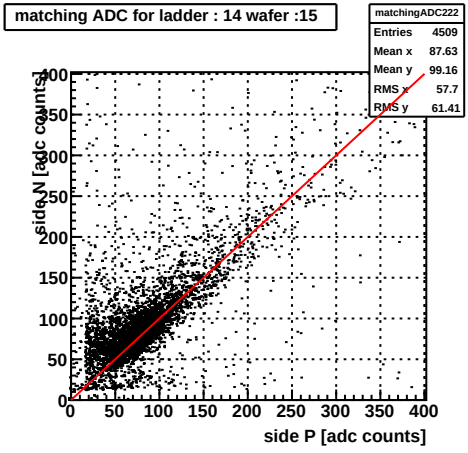

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 4260
Mean x 88.89
Mean y 86.91
RMS x 57.2
RMS y 52.56
side N [adc counts]
side P [adc counts]

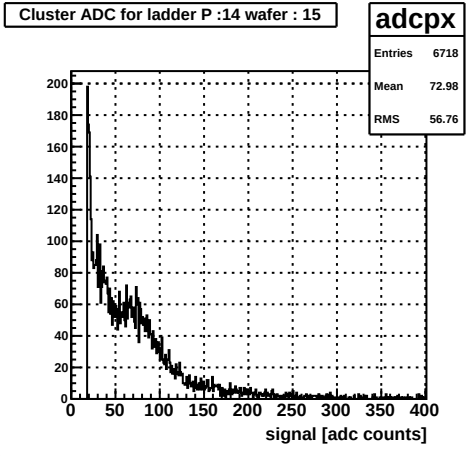

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 6665
Mean 84.55
RMS 56.62
signal [adc counts]

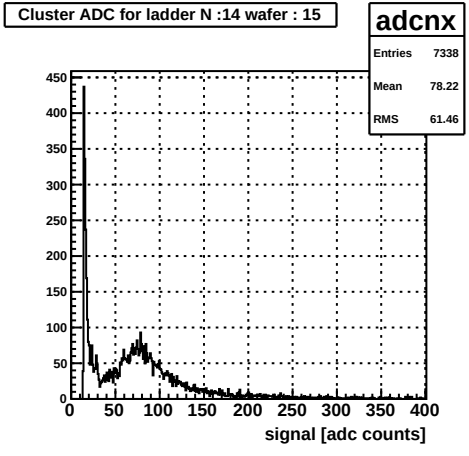

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 5050
Mean 81.42
RMS 58.53
signal [adc counts]

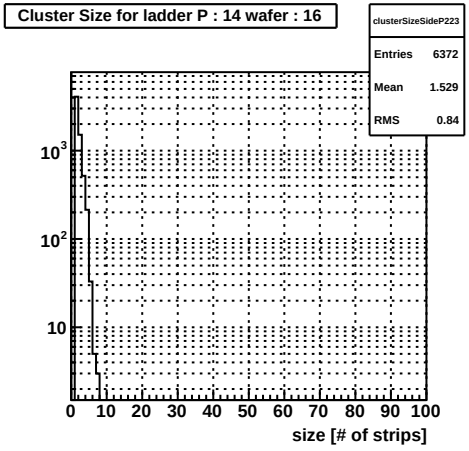

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 6718
Mean 1.375
RMS 0.6815
size [# of strips]

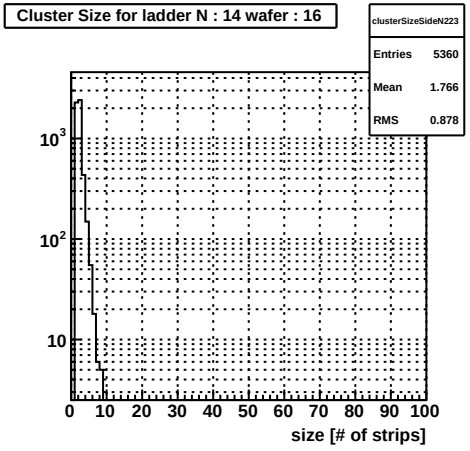

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 7338
Mean 1.785
RMS 0.9836
size [# of strips]

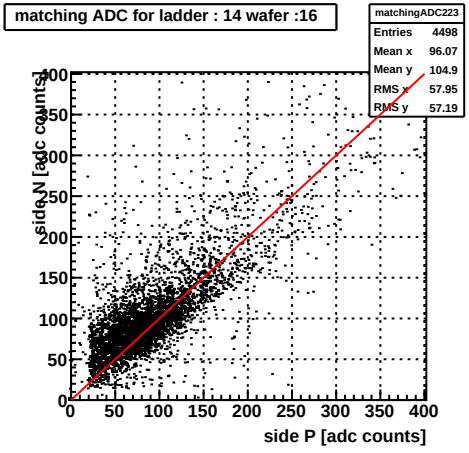

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 4509
Mean x 87.63
Mean y 99.16
RMS x 57.7
RMS y 61.41
side N [adc counts]
side P [adc counts]

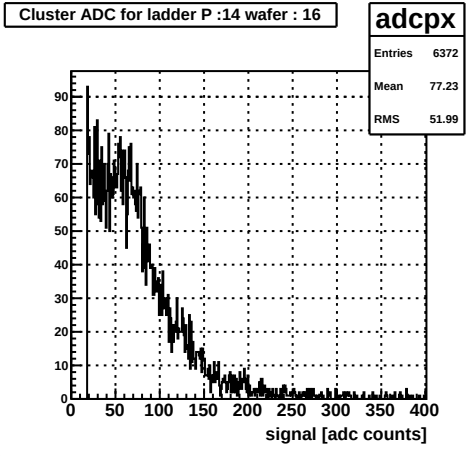

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 6718
Mean 72.98
RMS 56.76
signal [adc counts]

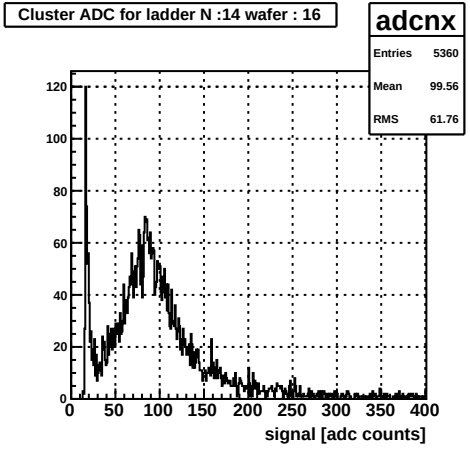

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 7338
Mean 78.22
RMS 61.46
signal [adc counts]

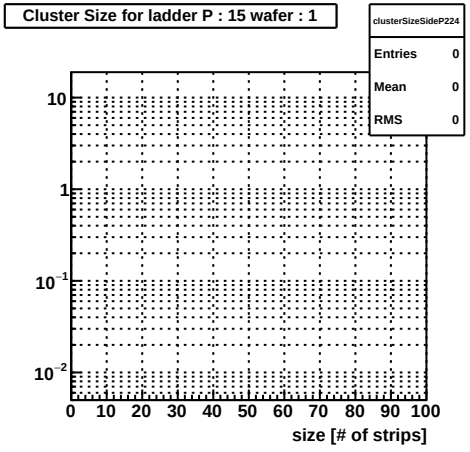

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 6372
Mean 1.529
RMS 0.84
size [# of strips]

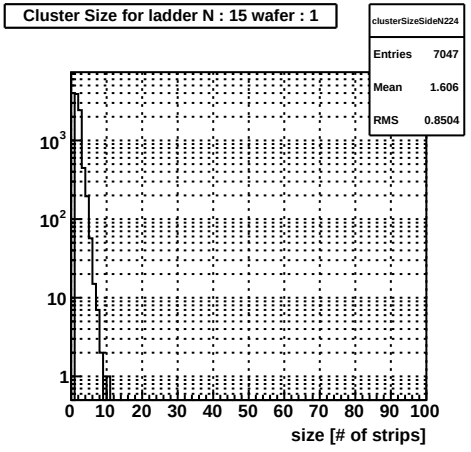

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 5360
Mean 1.766
RMS 0.878
size [# of strips]

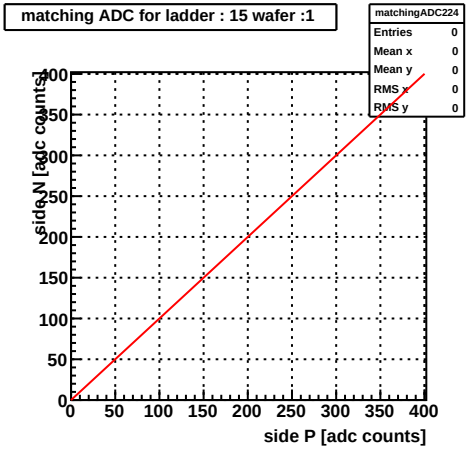

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 4498
Mean x 96.07
Mean y 104.9
RMS x 57.95
RMS y 57.19
side N [adc counts]
side P [adc counts]

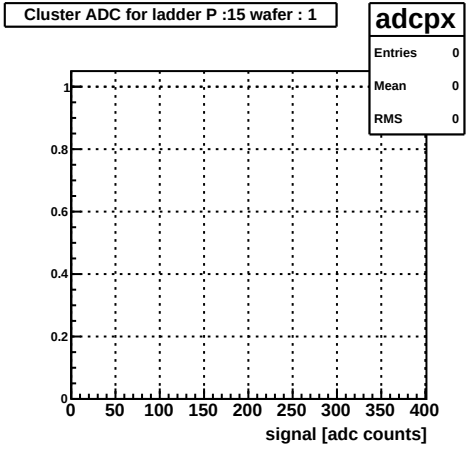

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 6372
Mean 77.23
RMS 51.99
signal [adc counts]

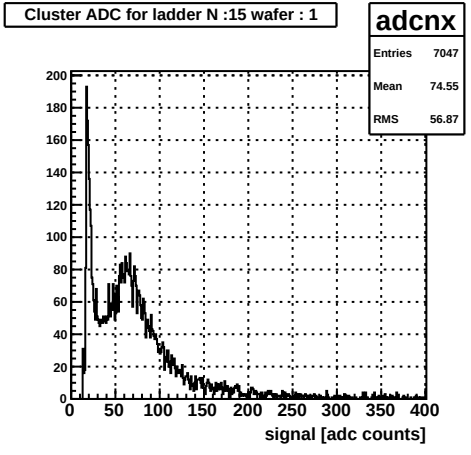

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 5360
Mean 99.56
RMS 61.76
signal [adc counts]

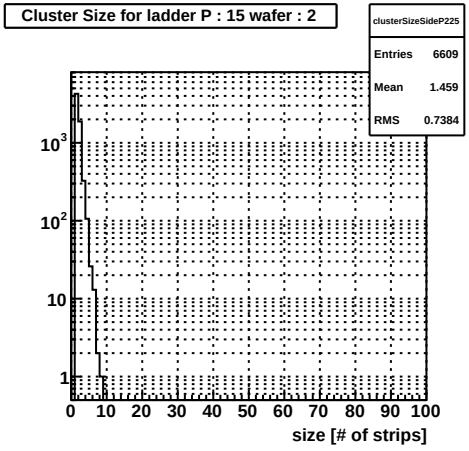

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

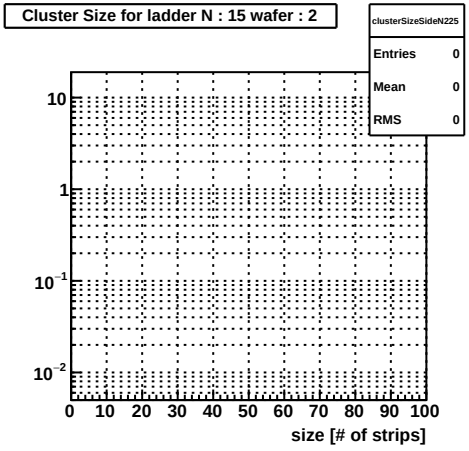

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 7047
Mean 1.606
RMS 0.8504
size [# of strips]

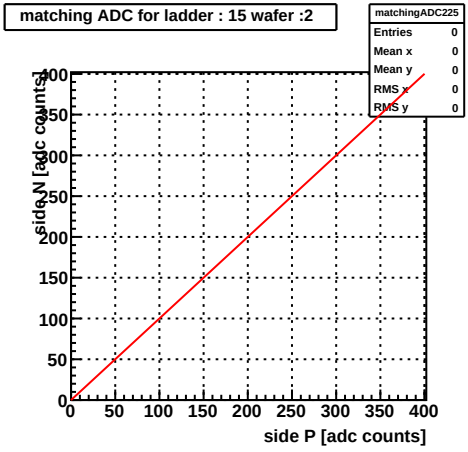

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

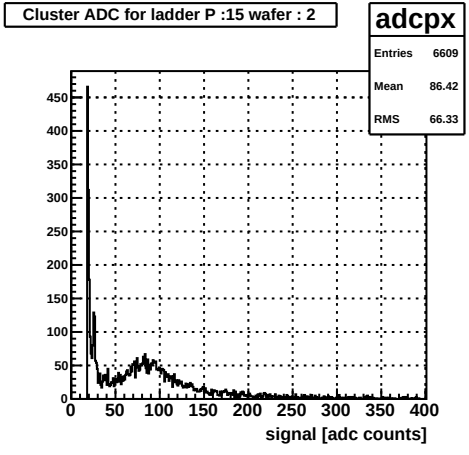

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

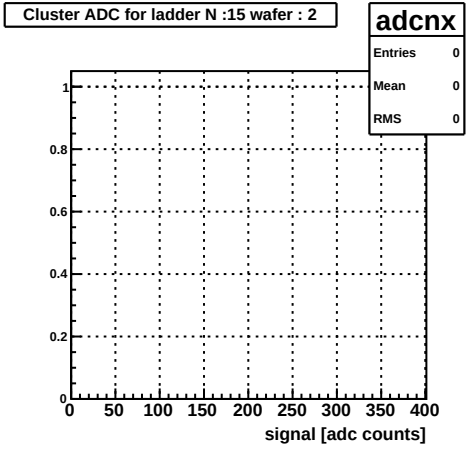

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 7047
Mean 74.55
RMS 56.87
signal [adc counts]

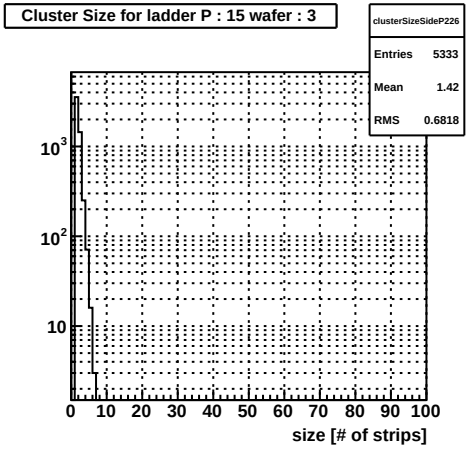

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 6609
Mean 1.459
RMS 0.7384
size [# of strips]

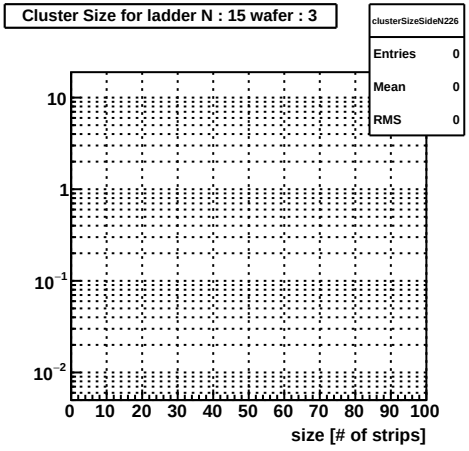

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

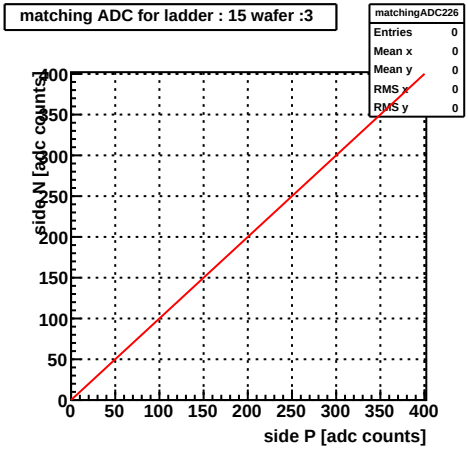

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

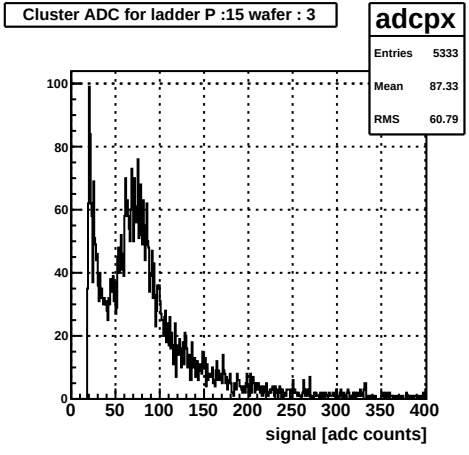

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 6609
Mean 86.42
RMS 66.33
signal [adc counts]

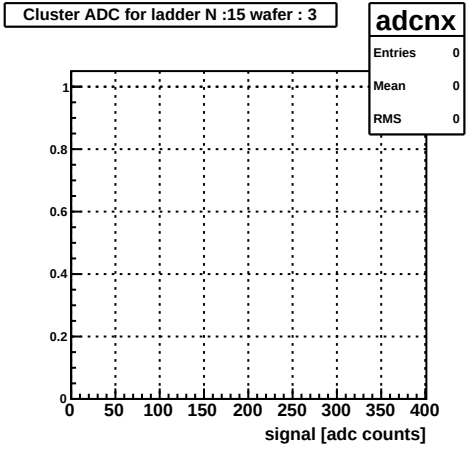

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

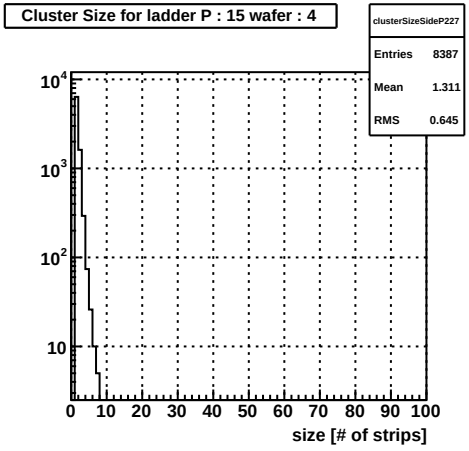

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 5333
Mean 1.42
RMS 0.6818
size [# of strips]

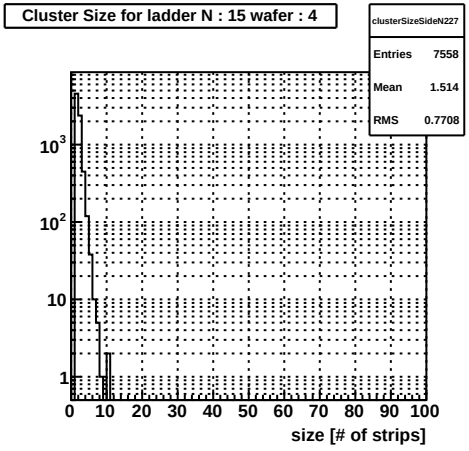

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

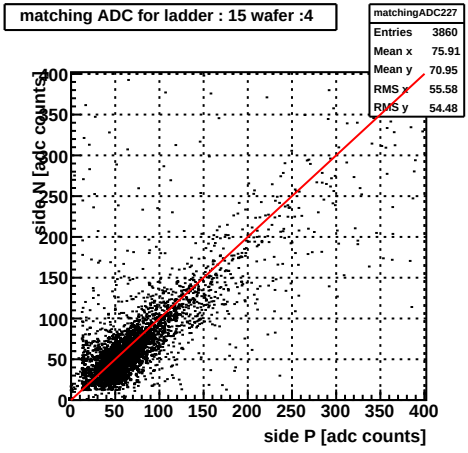

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

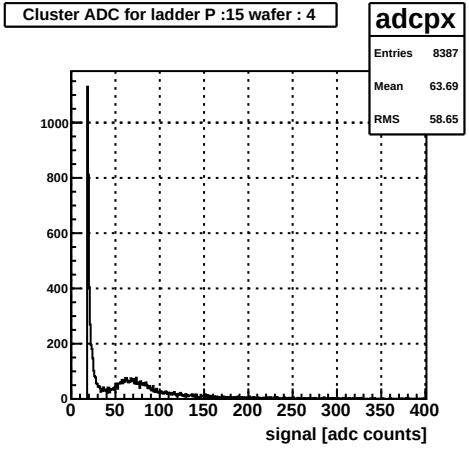

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 5333
Mean 87.33
RMS 60.79
signal [adc counts]

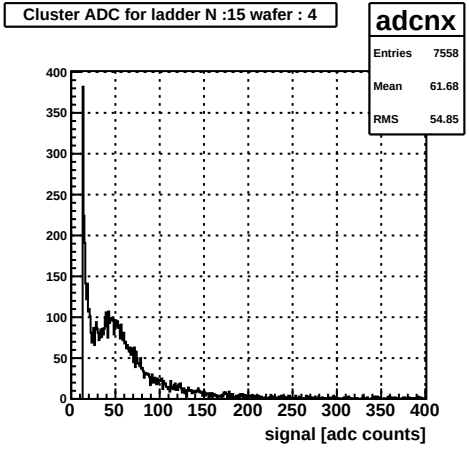

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

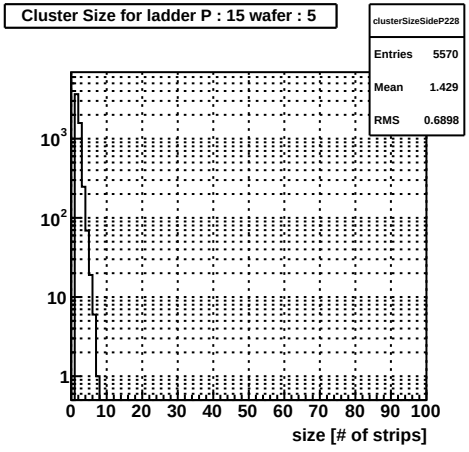

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 8387
Mean 1.311
RMS 0.645
size [# of strips]

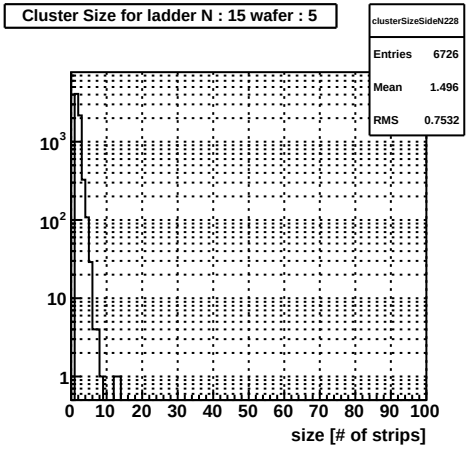

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 7558
Mean 1.514
RMS 0.7708
size [# of strips]

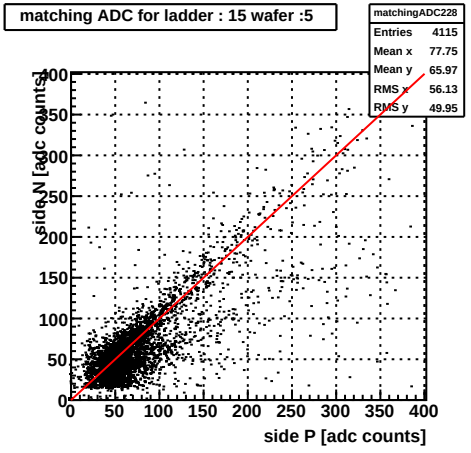

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 3860
Mean x 75.91
Mean y 70.95
RMS x 55.58
RMS y 54.48
side N [adc counts]
side P [adc counts]

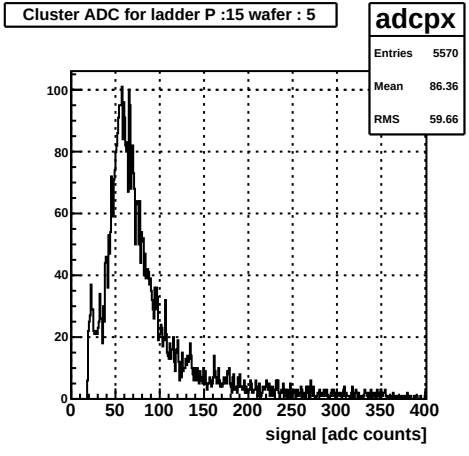

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 8387
Mean 63.69
RMS 58.65
signal [adc counts]

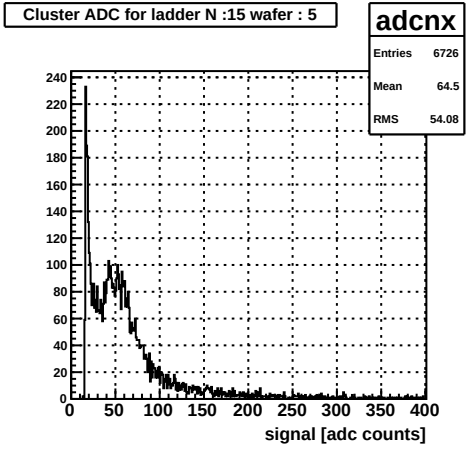

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 7558
Mean 61.68
RMS 54.85
signal [adc counts]

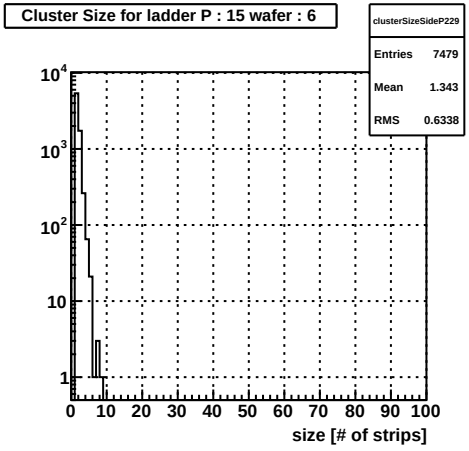

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 5570
Mean 1.429
RMS 0.6898
size [# of strips]

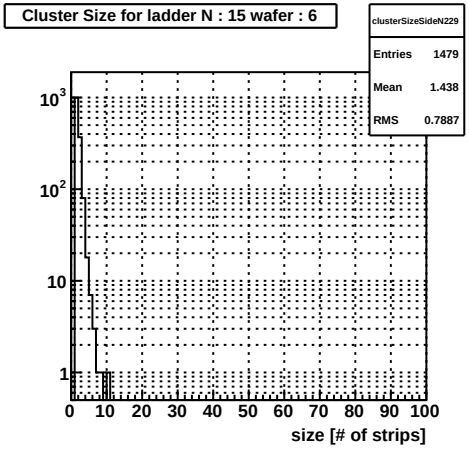

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6726
Mean 1.496
RMS 0.7532
size [# of strips]

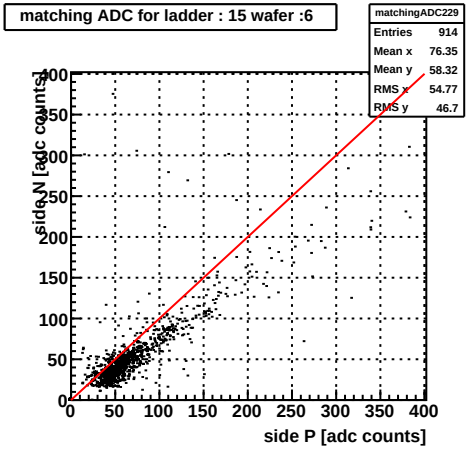

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 4115
Mean x 77.75
Mean y 65.97
RMS x 56.13
RMS y 49.95
side N [adc counts]
side P [adc counts]

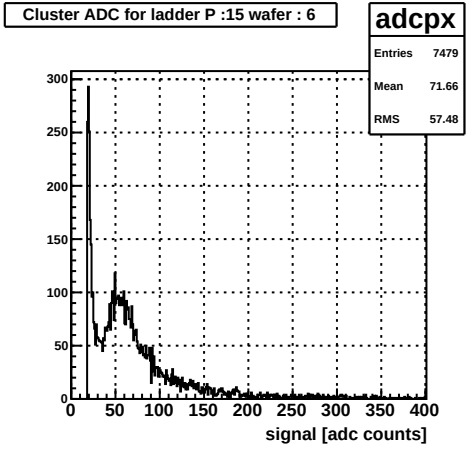

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 5570
Mean 86.36
RMS 59.66
signal [adc counts]

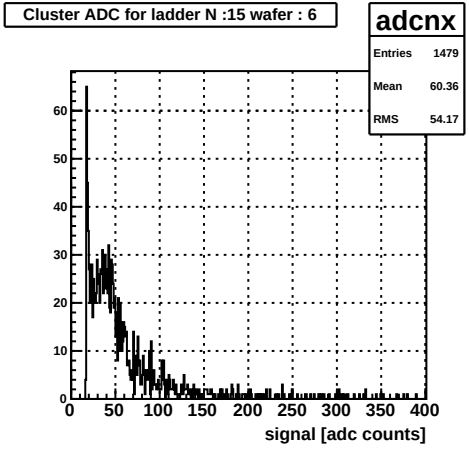

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6726
Mean 64.5
RMS 54.08
signal [adc counts]

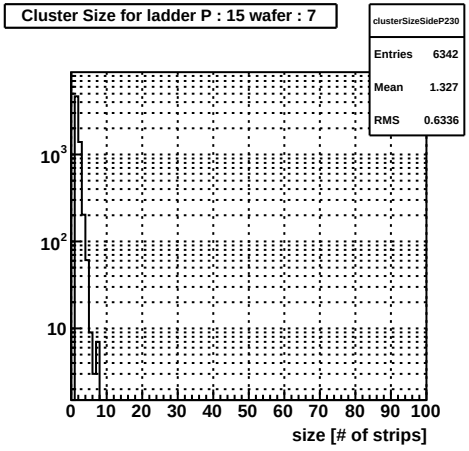

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 7479
Mean 1.343
RMS 0.6338
size [# of strips]

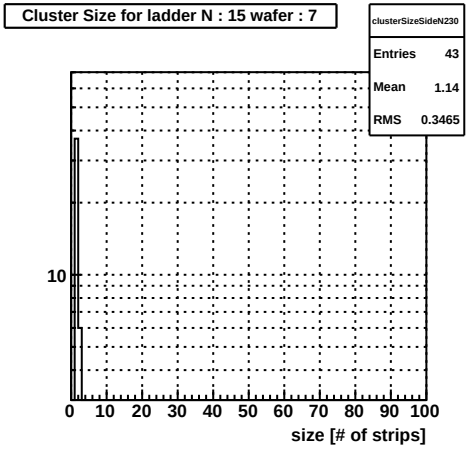

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1479
Mean 1.438
RMS 0.7887
size [# of strips]

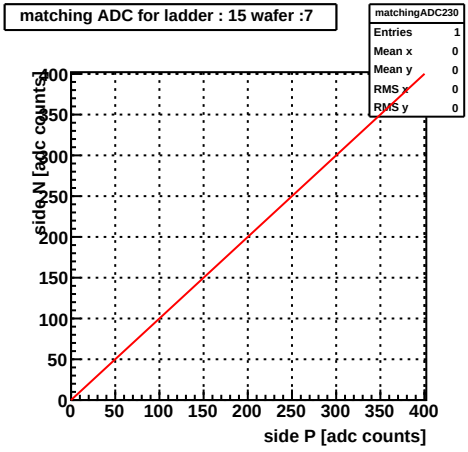

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 914
Mean x 76.35
Mean y 58.32
RMS x 54.77
RMS y 46.7
side N [adc counts]
side P [adc counts]

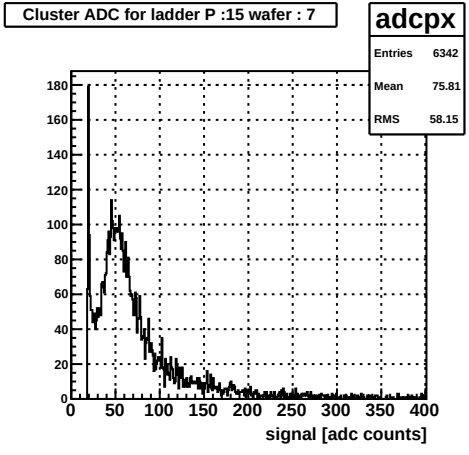

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 7479
Mean 71.66
RMS 57.48
signal [adc counts]

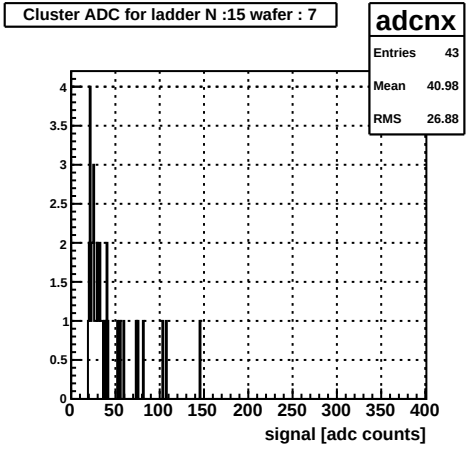

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1479
Mean 60.36
RMS 54.17
signal [adc counts]

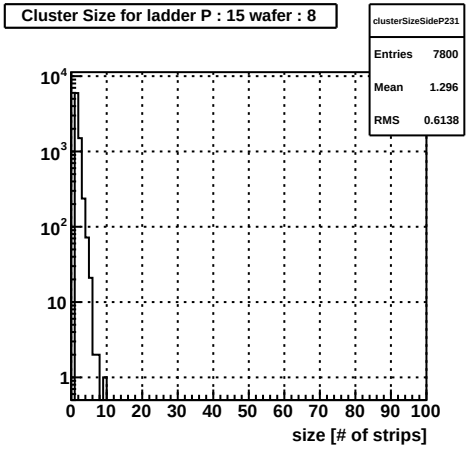

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 6342
Mean 1.327
RMS 0.6336
size [# of strips]

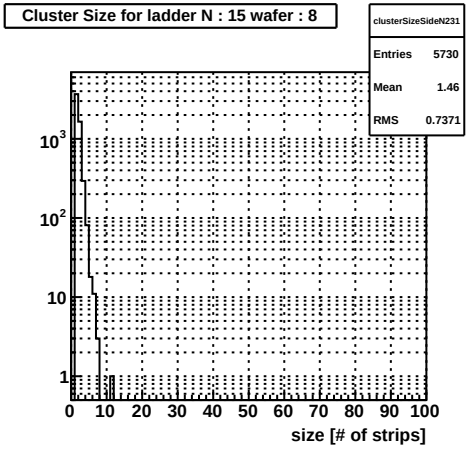

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 43
Mean 1.14
RMS 0.3465
size [# of strips]

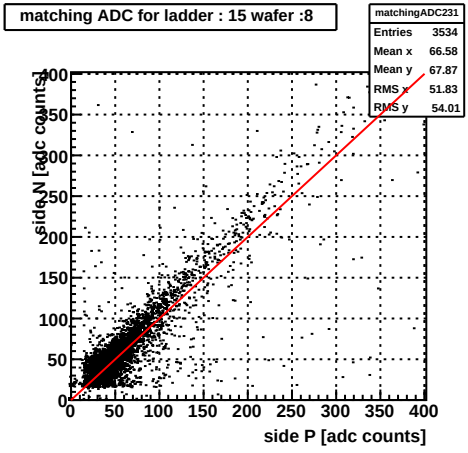

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

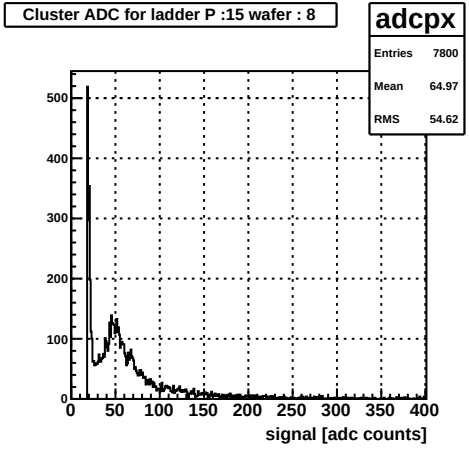

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 6342
Mean 75.81
RMS 58.15
signal [adc counts]

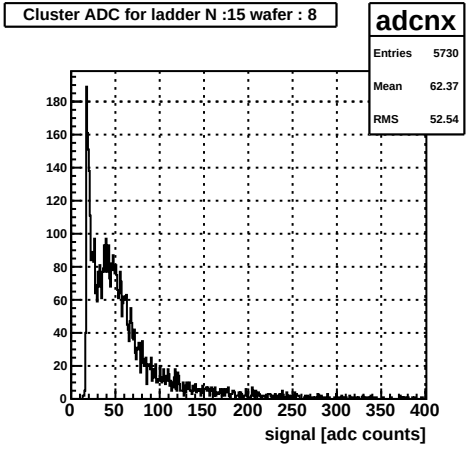

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 43
Mean 40.98
RMS 26.88
signal [adc counts]

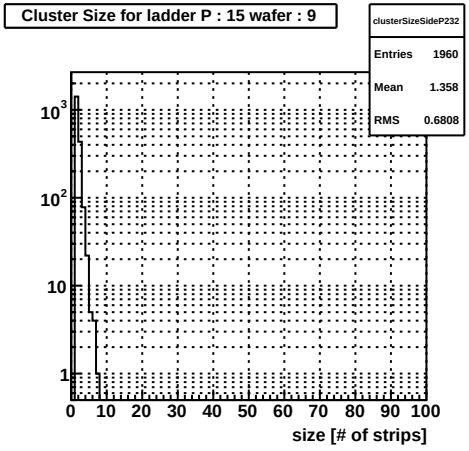

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 7800
Mean 1.296
RMS 0.6138
size [# of strips]

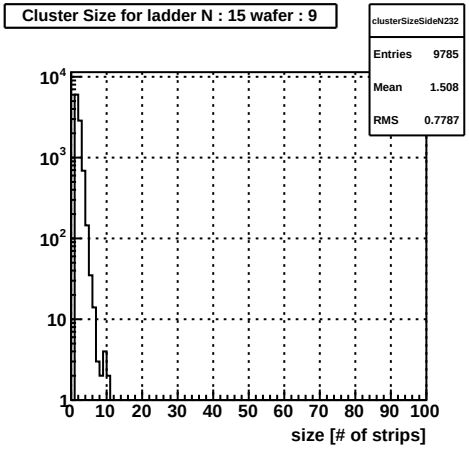

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 5730
Mean 1.46
RMS 0.7371
size [# of strips]

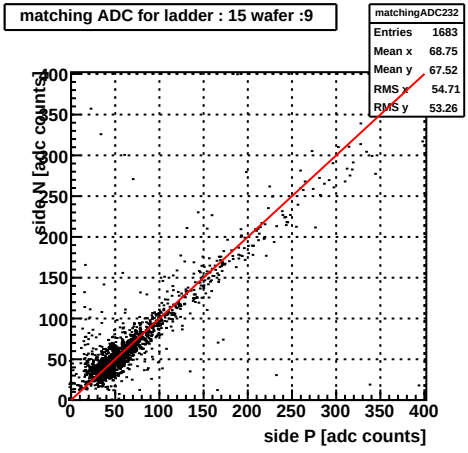

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 3534
Mean x 66.58
Mean y 67.87
RMS x 51.83
RMS y 54.01
side N [adc counts]
side P [adc counts]

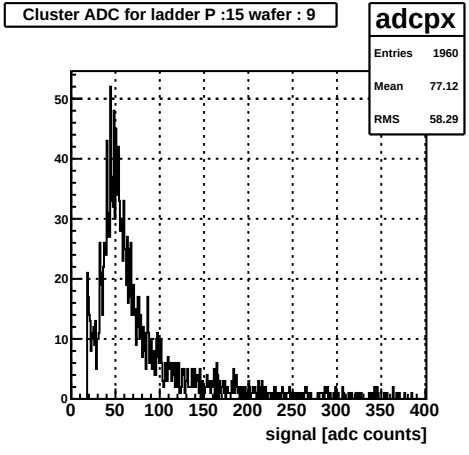

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 7800
Mean 64.97
RMS 54.62
signal [adc counts]

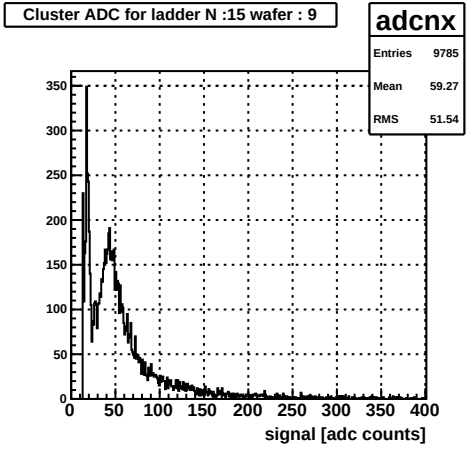

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 5730
Mean 62.37
RMS 52.54
signal [adc counts]

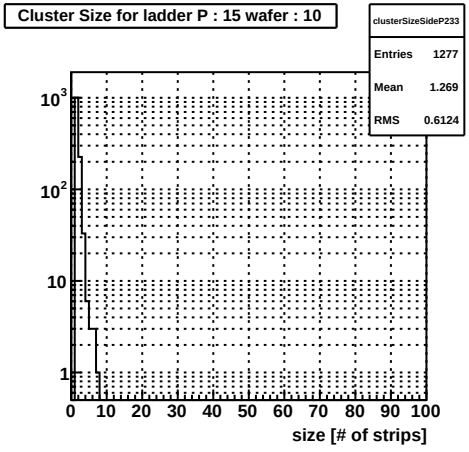

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 1960
Mean 1.358
RMS 0.6808
size [# of strips]

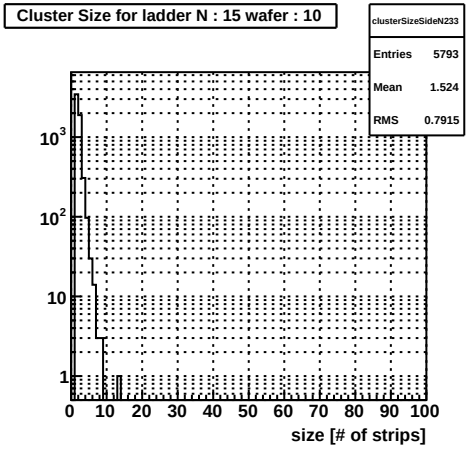

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 9785
Mean 1.508
RMS 0.7787
size [# of strips]

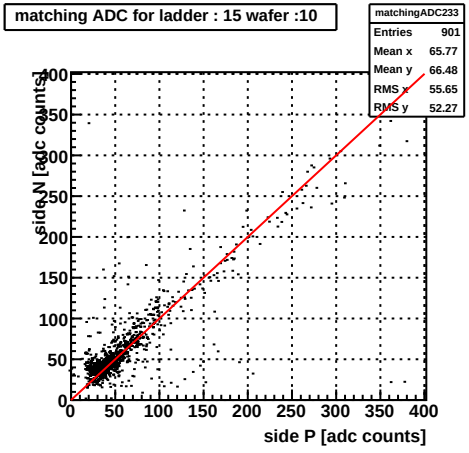

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1683
Mean x 68.75
Mean y 67.52
RMS x 54.71
RMS y 53.26
side N [adc counts]
side P [adc counts]

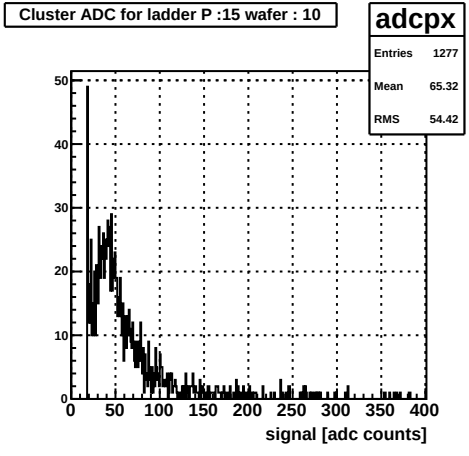

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 1960
Mean 77.12
RMS 58.29
signal [adc counts]

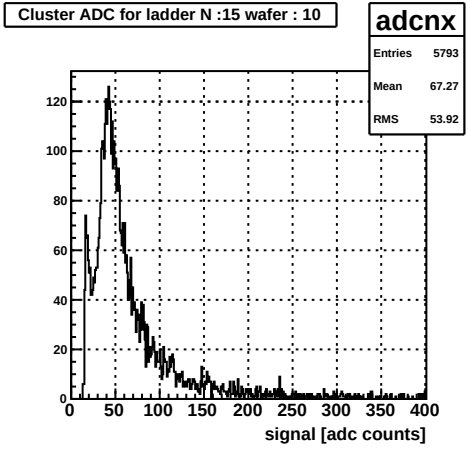

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 9785
Mean 59.27
RMS 51.54
signal [adc counts]

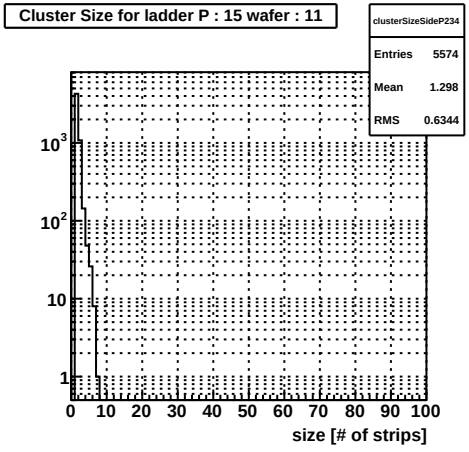

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 1277
Mean 1.269
RMS 0.6124
size [# of strips]

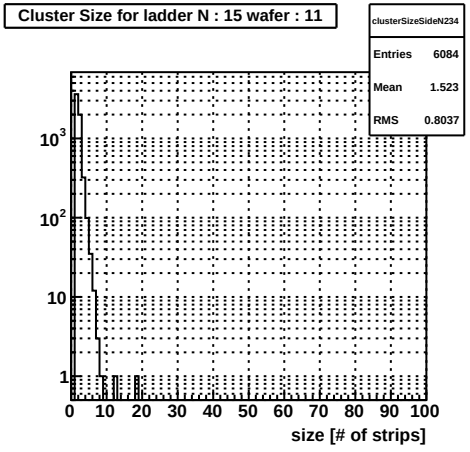

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 5793
Mean 1.524
RMS 0.7915
size [# of strips]

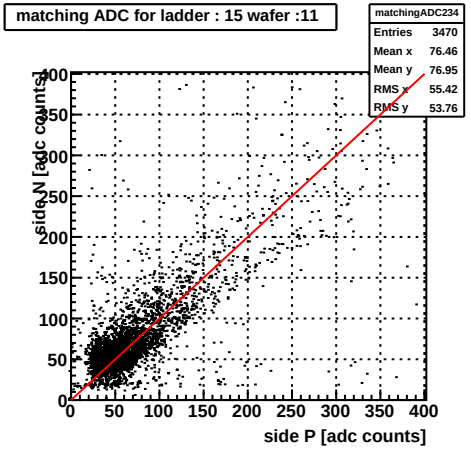

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 901
Mean x 65.77
Mean y 66.48
RMS x 55.65
RMS y 52.27
side N [adc counts]
side P [adc counts]

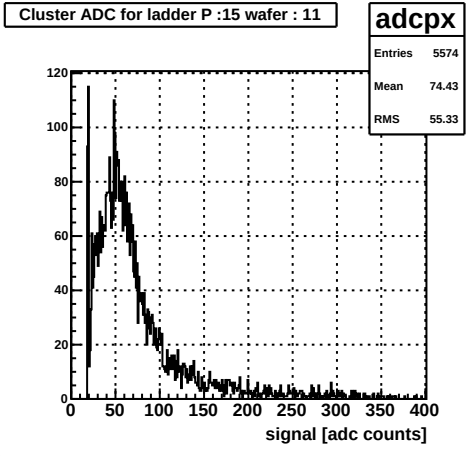

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 1277
Mean 65.32
RMS 54.42
signal [adc counts]

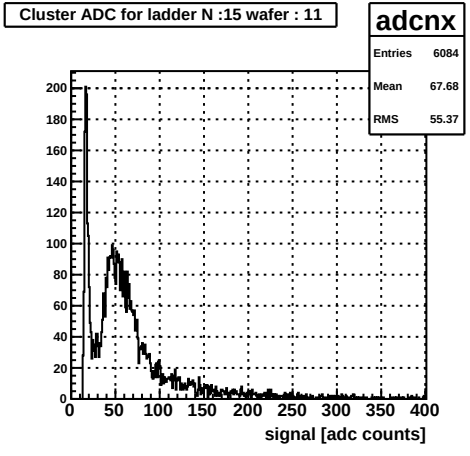

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 5793
Mean 67.27
RMS 53.92
signal [adc counts]

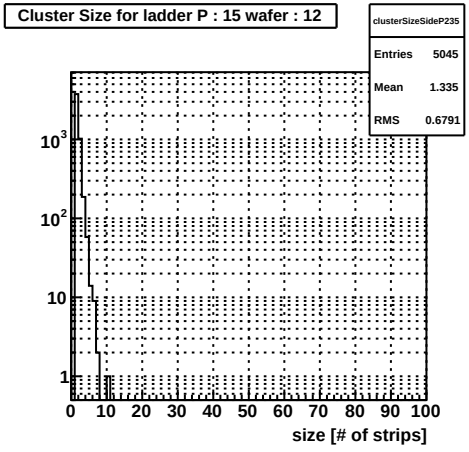

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 5574
Mean 1.298
RMS 0.6344
size [# of strips]

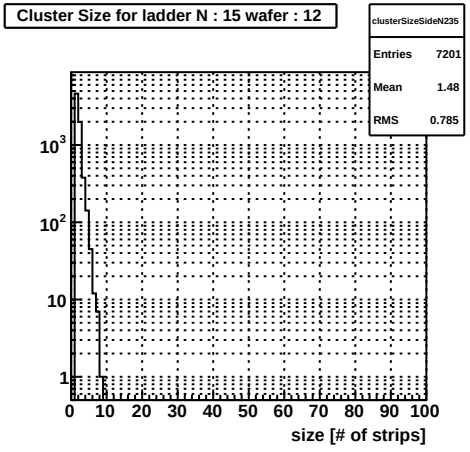

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 6084
Mean 1.523
RMS 0.8037
size [# of strips]

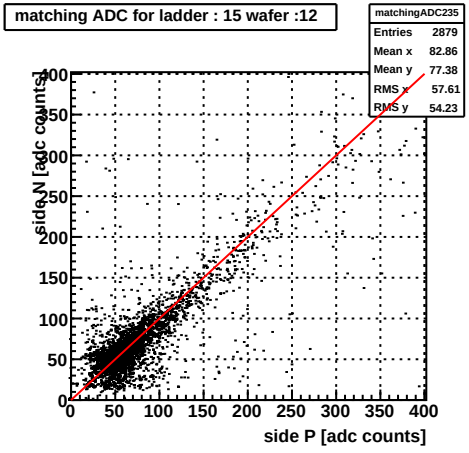

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 3470
Mean x 76.46
Mean y 76.95
RMS x 55.42
RMS y 53.76
side N [adc counts]
side P [adc counts]

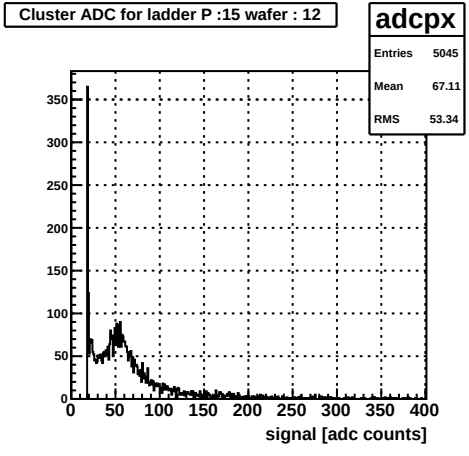

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 5574
Mean 74.43
RMS 55.33
signal [adc counts]

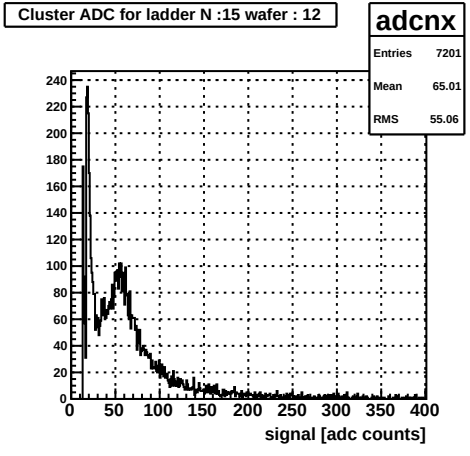

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 6084
Mean 67.68
RMS 55.37
signal [adc counts]

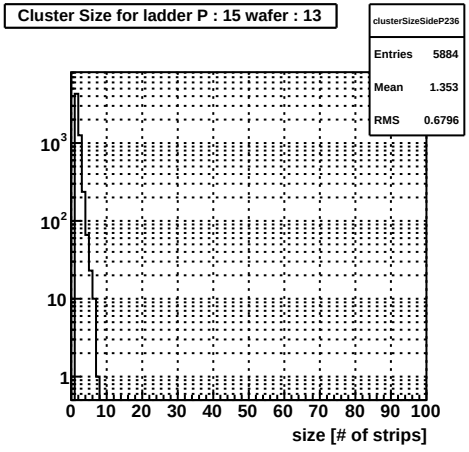

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 5045
Mean 1.335
RMS 0.6791
size [# of strips]

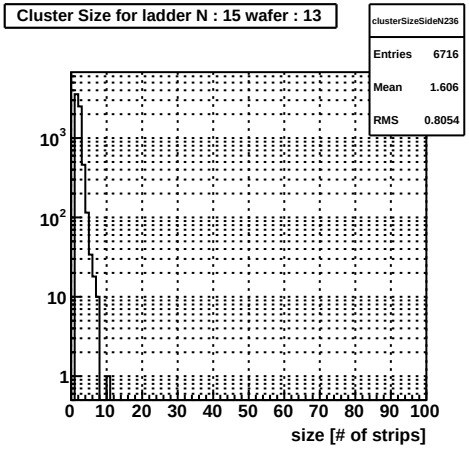

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 7201
Mean 1.48
RMS 0.785
size [# of strips]

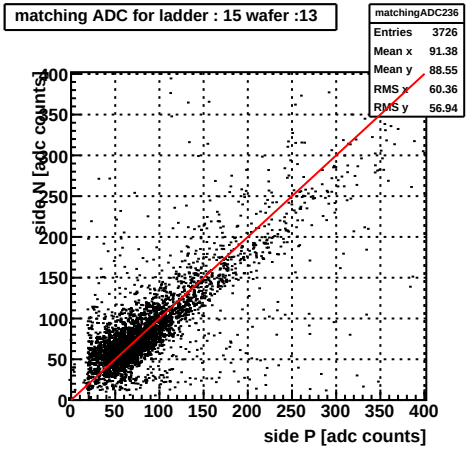

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 2879
Mean x 82.86
Mean y 77.38
RMS x 57.61
RMS y 54.23
side N [adc counts]
side P [adc counts]

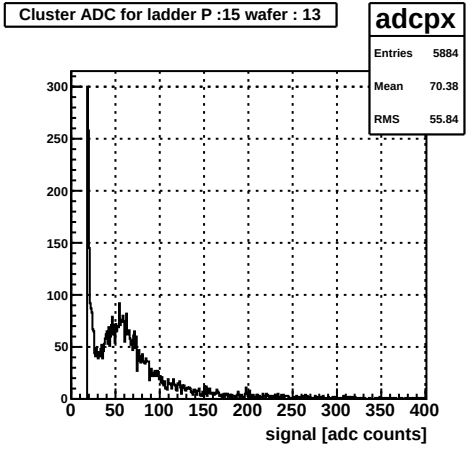

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 5045
Mean 67.11
RMS 53.34
signal [adc counts]

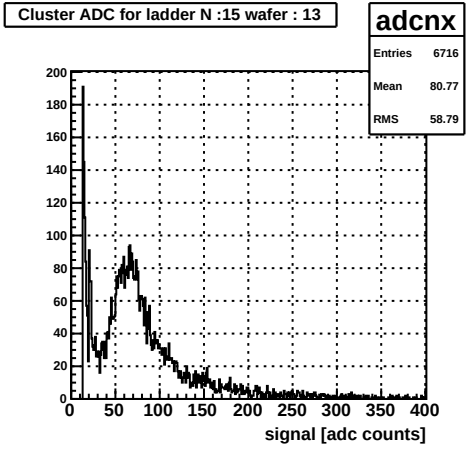

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 7201
Mean 65.01
RMS 55.06
signal [adc counts]

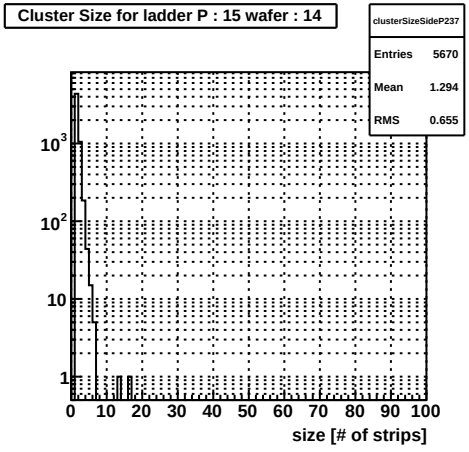

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5884
Mean 1.353
RMS 0.6796
size [# of strips]

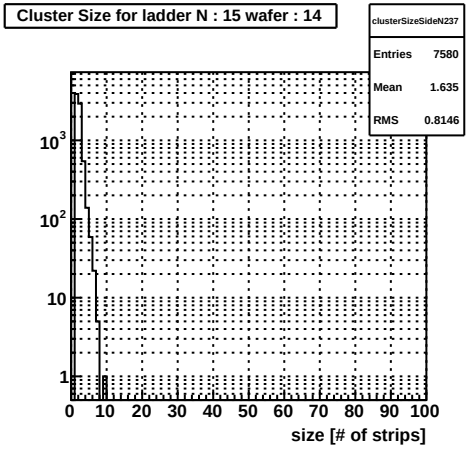

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 6716
Mean 1.606
RMS 0.8054
size [# of strips]

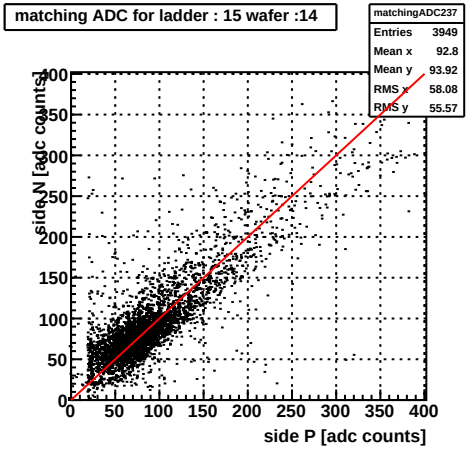

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 3726
Mean x 91.38
Mean y 88.55
RMS x 60.36
RMS y 56.94
side N [adc counts]
side P [adc counts]

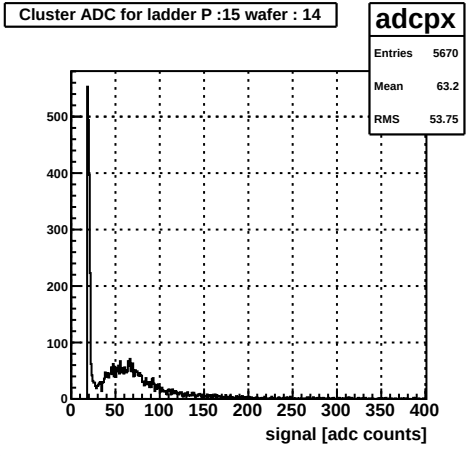

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5884
Mean 70.38
RMS 55.84
signal [adc counts]

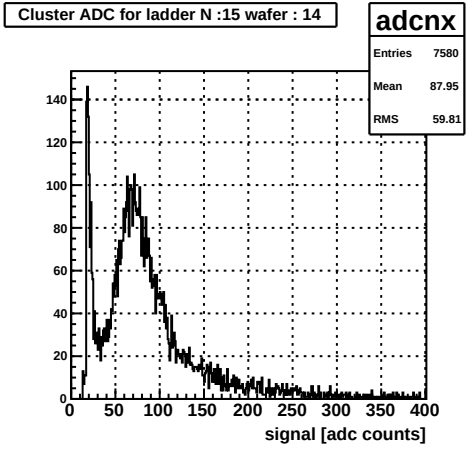

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 6716
Mean 80.77
RMS 58.79
signal [adc counts]

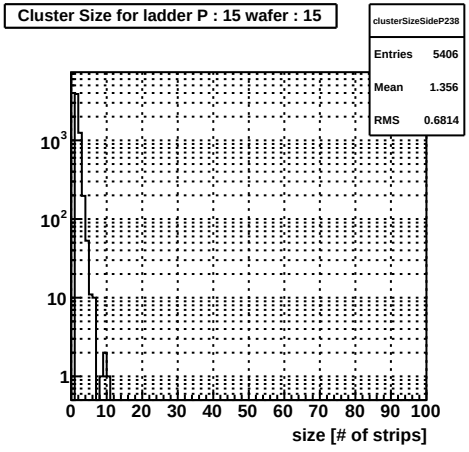

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 5670
Mean 1.294
RMS 0.655
size [# of strips]

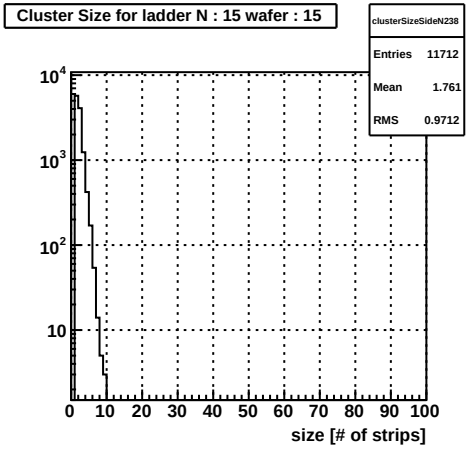

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 7580
Mean 1.635
RMS 0.8146
size [# of strips]

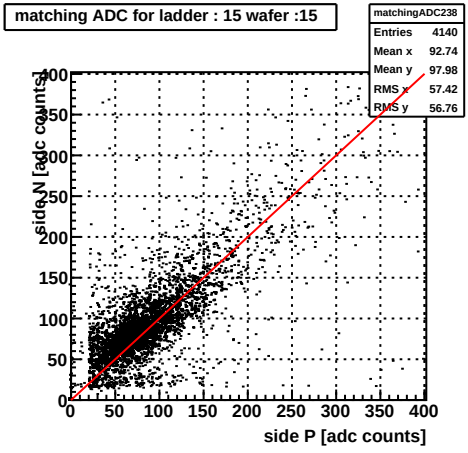

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 3949
Mean x 92.8
Mean y 93.92
RMS x 58.08
RMS y 55.57
side N [adc counts]
side P [adc counts]

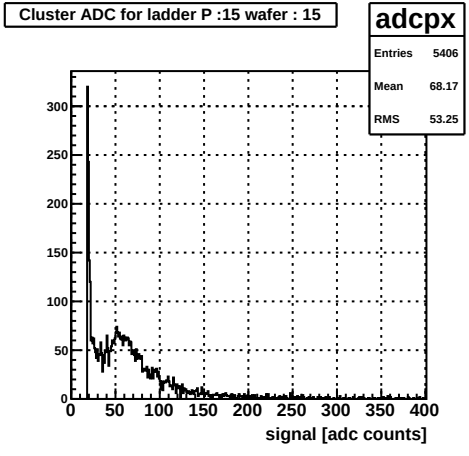

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 5670
Mean 63.2
RMS 53.75
signal [adc counts]

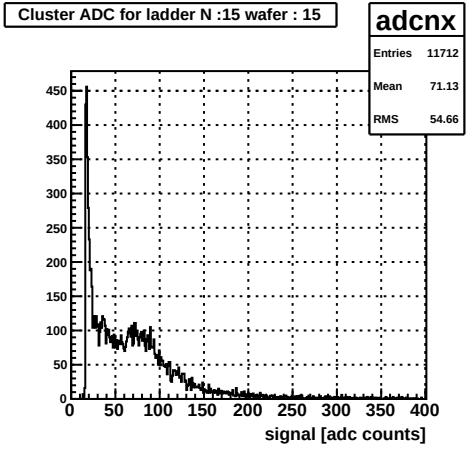

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 7580
Mean 87.95
RMS 59.81
signal [adc counts]

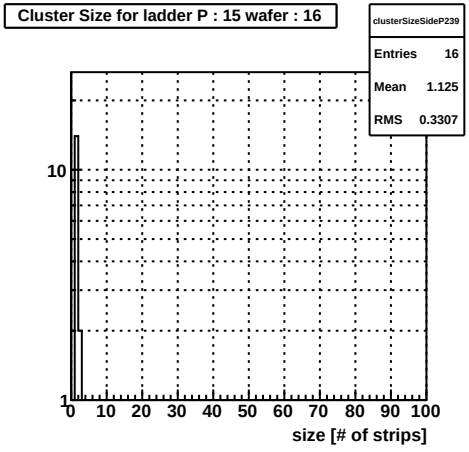

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 5406
Mean 1.356
RMS 0.6814
size [# of strips]

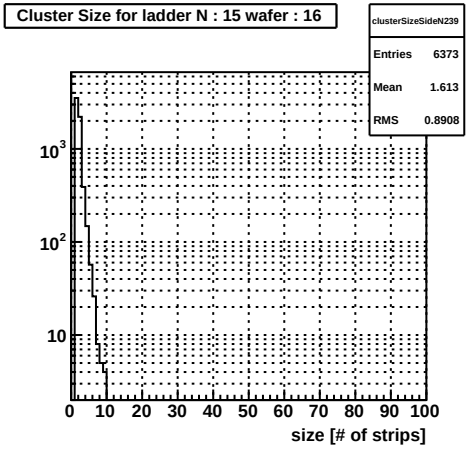

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 11712
Mean 1.761
RMS 0.9712
size [# of strips]

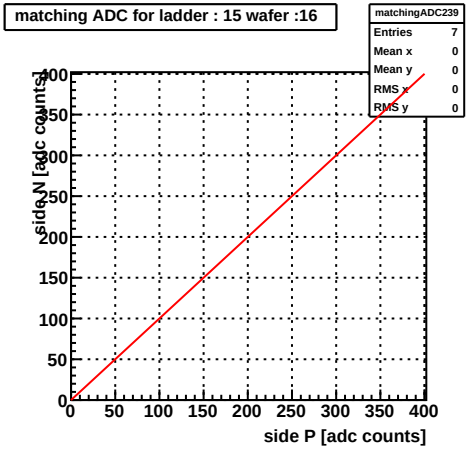

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 4140
Mean x 92.74
Mean y 97.98
RMS x 57.42
RMS y 56.76
side N [adc counts]
side P [adc counts]

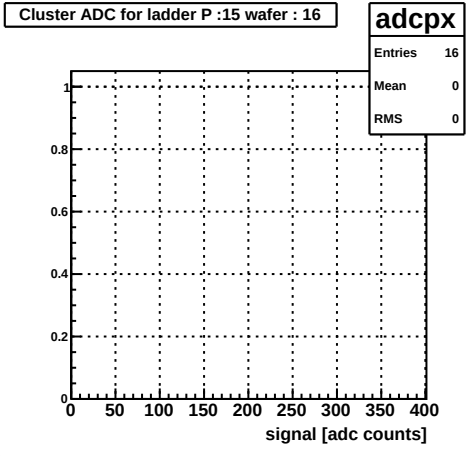

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 5406
Mean 68.17
RMS 53.25
signal [adc counts]

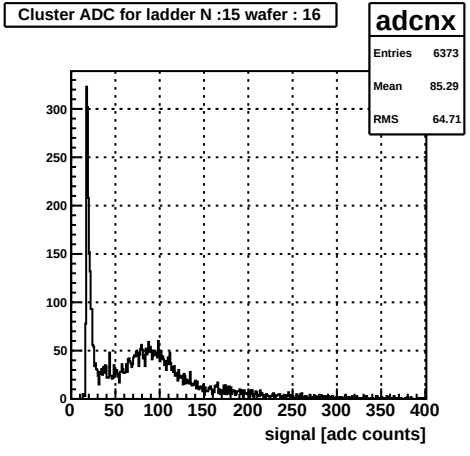

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 11712
Mean 71.13
RMS 54.66
signal [adc counts]

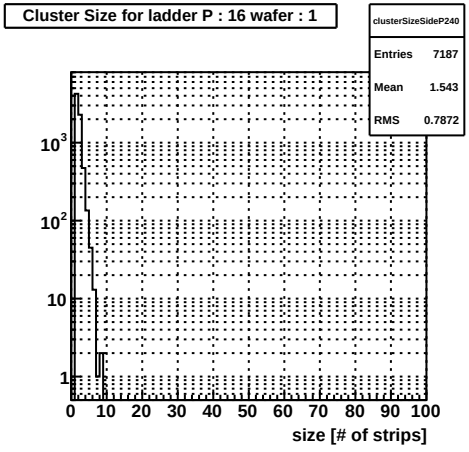

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 16
Mean 1.125
RMS 0.3307
size [# of strips]

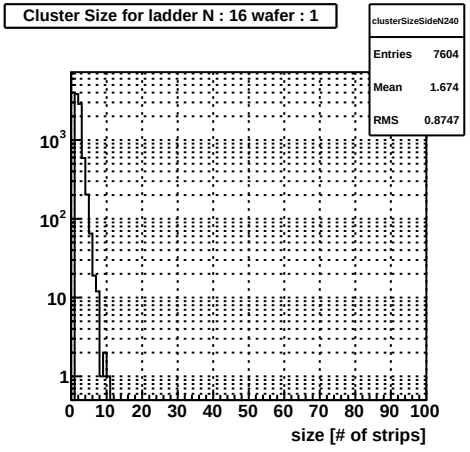

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 6373
Mean 1.613
RMS 0.8908
size [# of strips]

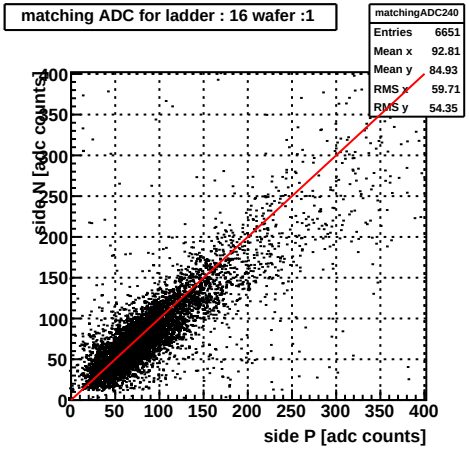

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

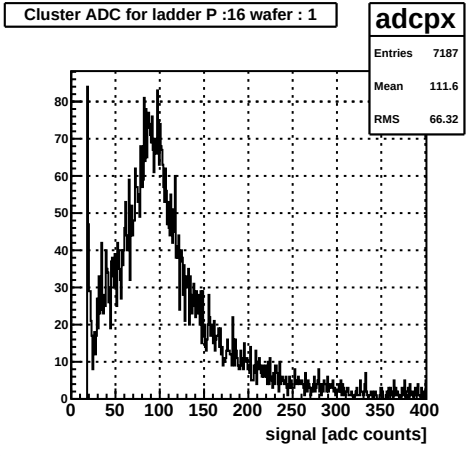

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

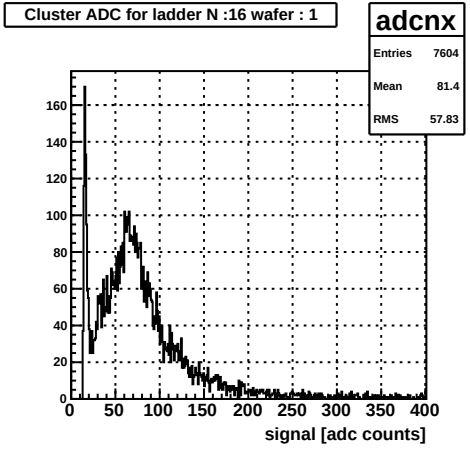

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 6373
Mean 85.29
RMS 64.71
signal [adc counts]

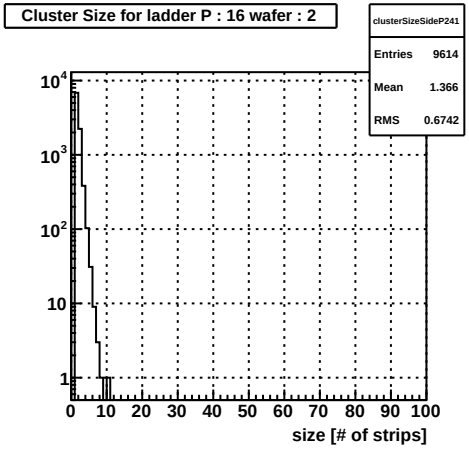

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 7187
Mean 1.543
RMS 0.7872
size [# of strips]

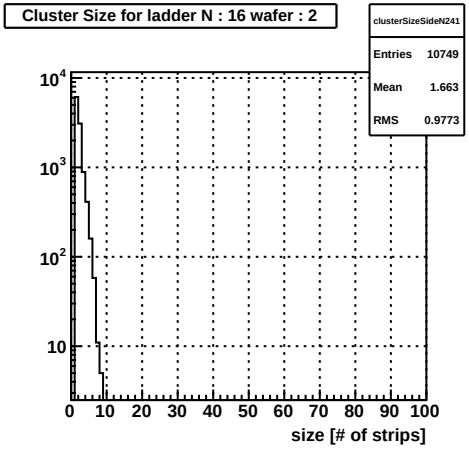

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 7604
Mean 1.674
RMS 0.8747
size [# of strips]

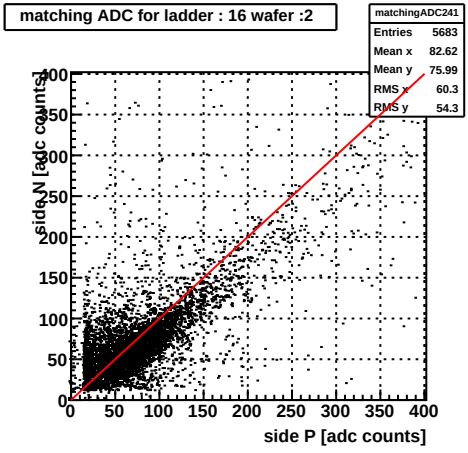

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 6651
Mean x 92.81
Mean y 84.93
RMS x 59.71
RMS y 54.35
side N [adc counts]
side P [adc counts]

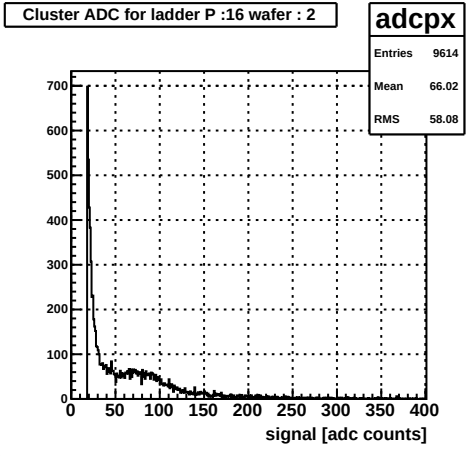

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 7187
Mean 111.6
RMS 66.32
signal [adc counts]

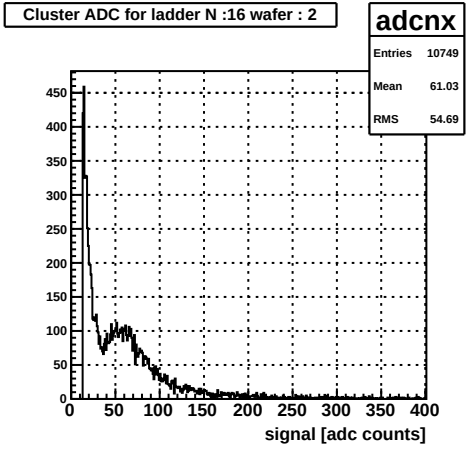

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 7604
Mean 81.4
RMS 57.83
signal [adc counts]

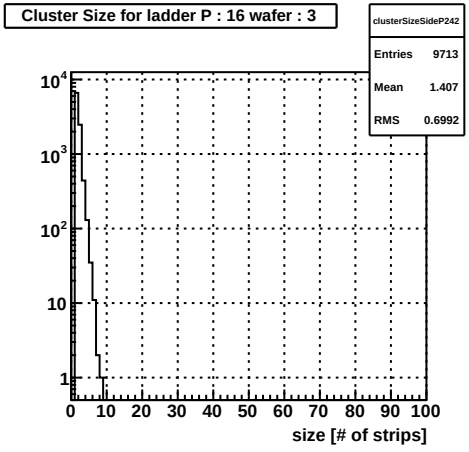

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 9614
Mean 1.366
RMS 0.6742
size [# of strips]

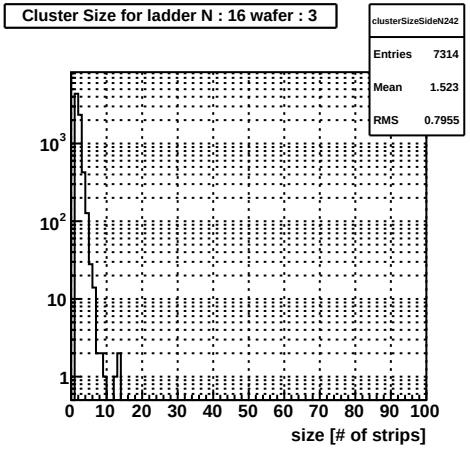

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 10749
Mean 1.663
RMS 0.9773
size [# of strips]

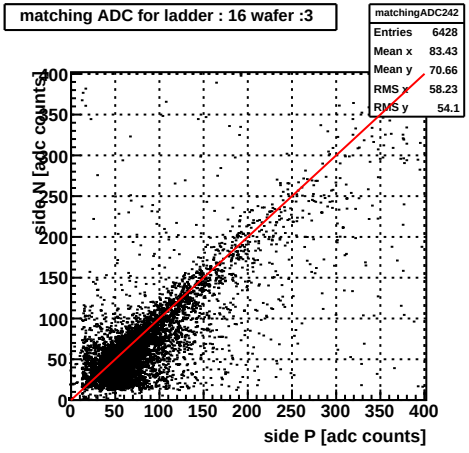

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 5683
Mean x 82.62
Mean y 75.99
RMS x 60.3
RMS y 54.3
side N [adc counts]
side P [adc counts]

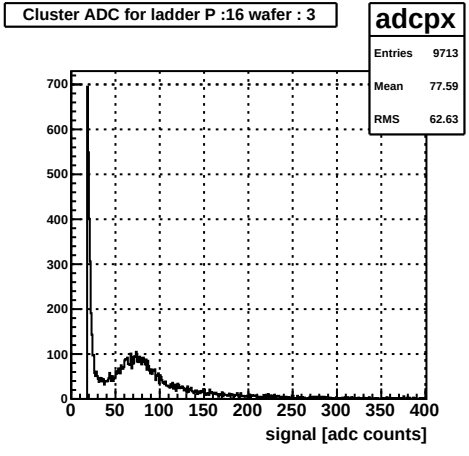

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 9614
Mean 66.02
RMS 58.08
signal [adc counts]

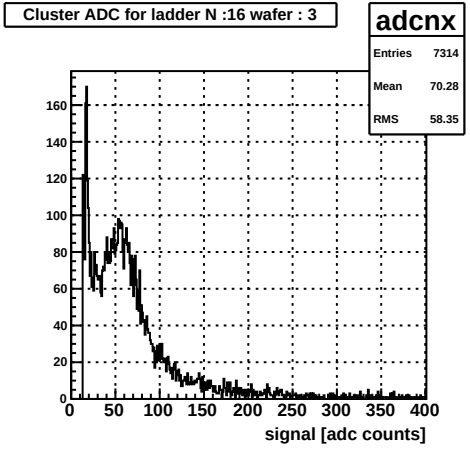

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 10749
Mean 61.03
RMS 54.69
signal [adc counts]

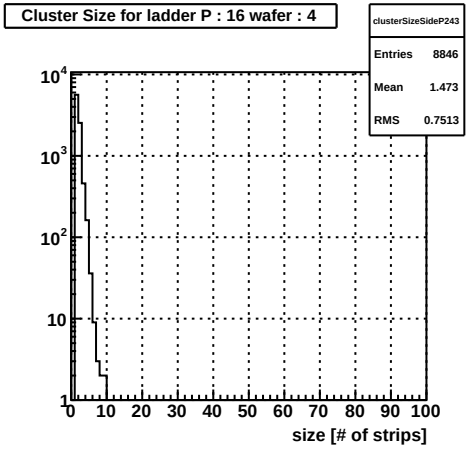

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 9713
Mean 1.407
RMS 0.6992
size [# of strips]

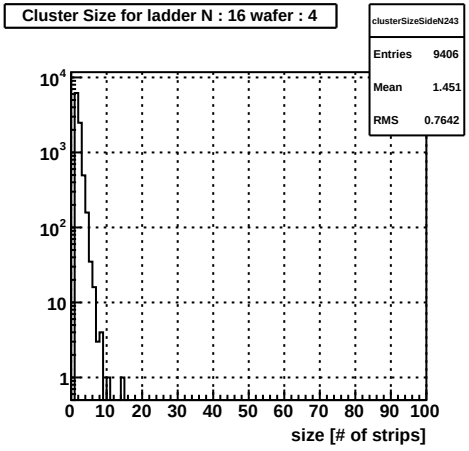

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 7314
Mean 1.523
RMS 0.7955
size [# of strips]

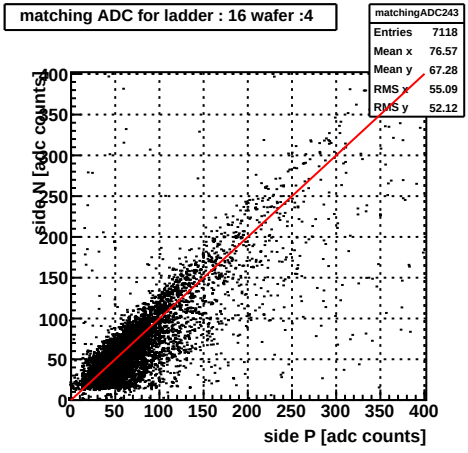

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 6428
Mean x 83.43
Mean y 70.66
RMS x 58.23
RMS y 54.1
side N [adc counts]
side P [adc counts]

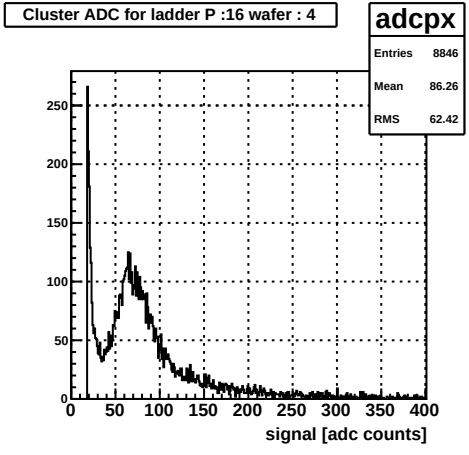

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 9713
Mean 77.59
RMS 62.63
signal [adc counts]

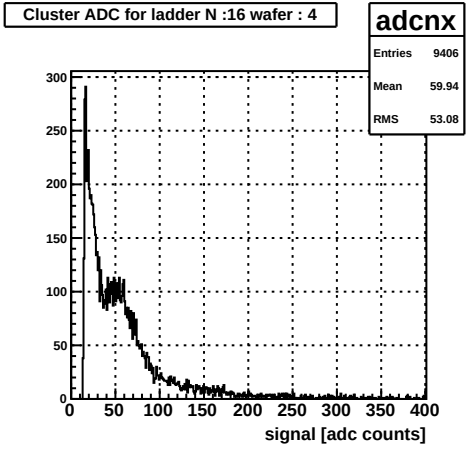

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 7314
Mean 70.28
RMS 58.35
signal [adc counts]

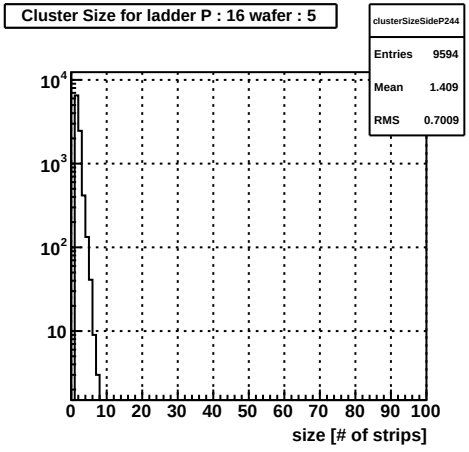

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 8846
Mean 1.473
RMS 0.7513
size [# of strips]

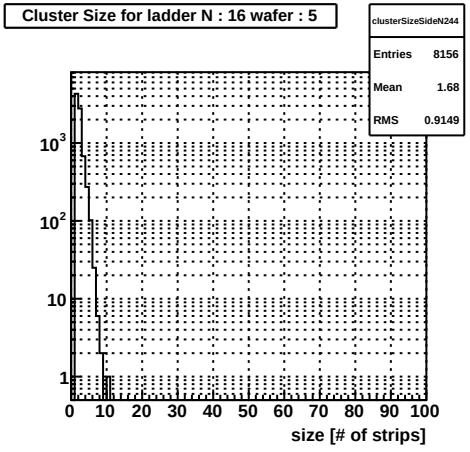

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 9406
Mean 1.451
RMS 0.7642
size [# of strips]

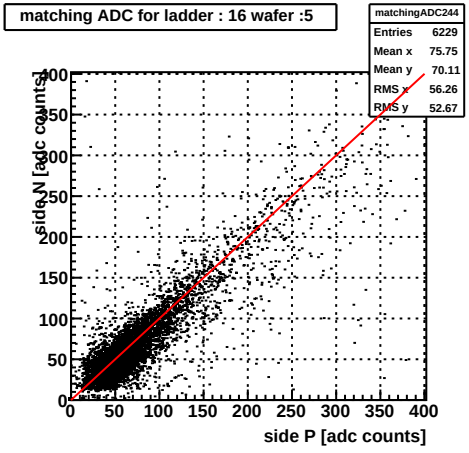

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 7118
Mean x 76.57
Mean y 67.28
RMS x 55.09
RMS y 52.12
side N [adc counts]
side P [adc counts]

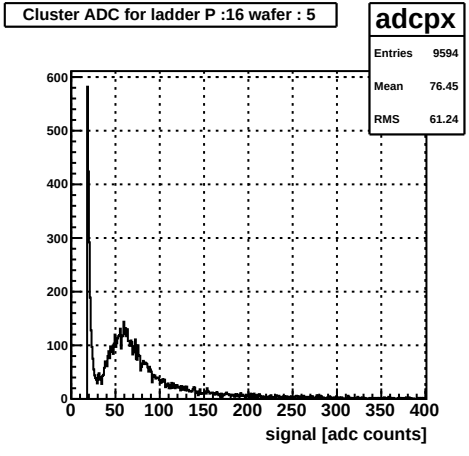

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 8846
Mean 86.26
RMS 62.42
signal [adc counts]

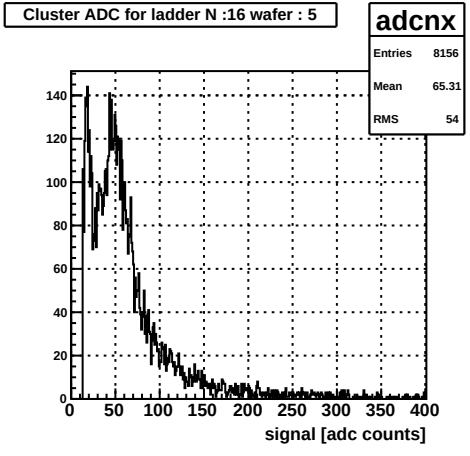

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 9406
Mean 59.94
RMS 53.08
signal [adc counts]

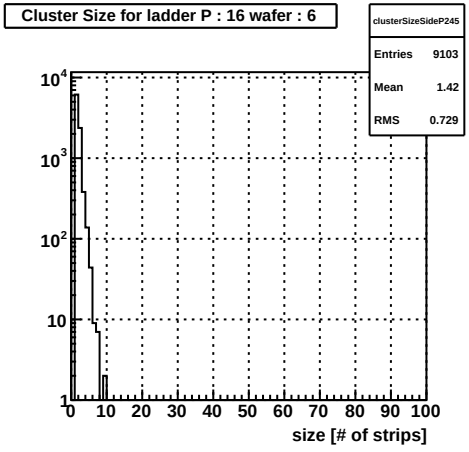

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 9594
Mean 1.409
RMS 0.7009
size [# of strips]

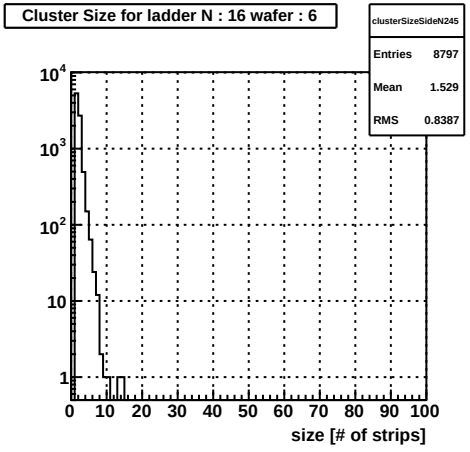

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 8156
Mean 1.68
RMS 0.9149
size [# of strips]

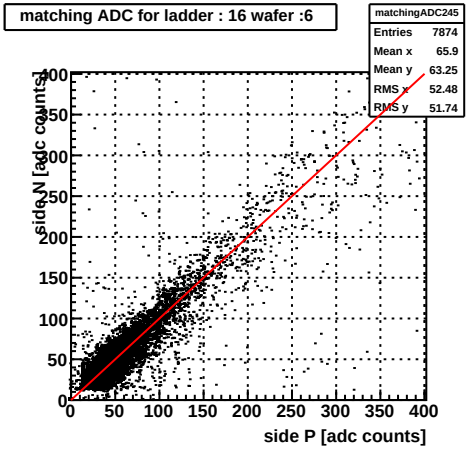

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 6229
Mean x 75.75
Mean y 70.11
RMS x 56.26
RMS y 52.67
side N [adc counts]
side P [adc counts]

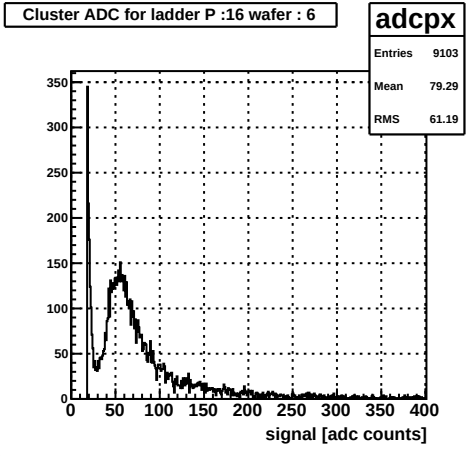

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 9594
Mean 76.45
RMS 61.24
signal [adc counts]

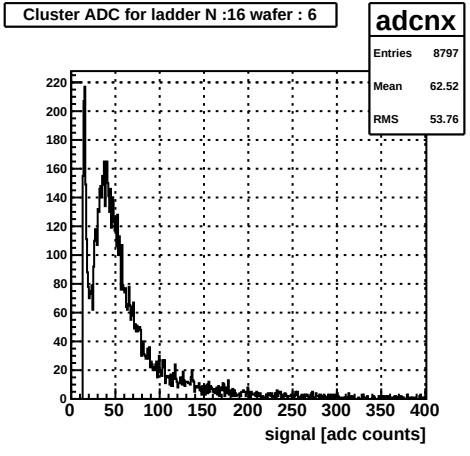

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 8156
Mean 65.31
RMS 54
signal [adc counts]

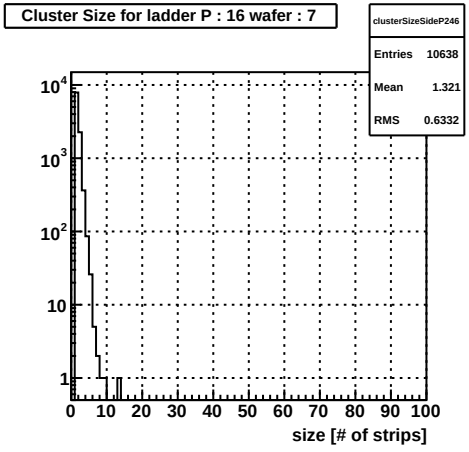

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9103
Mean 1.42
RMS 0.729
size [# of strips]

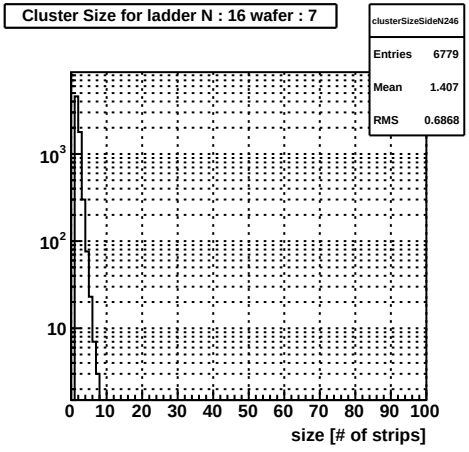

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 8797
Mean 1.529
RMS 0.8387
size [# of strips]

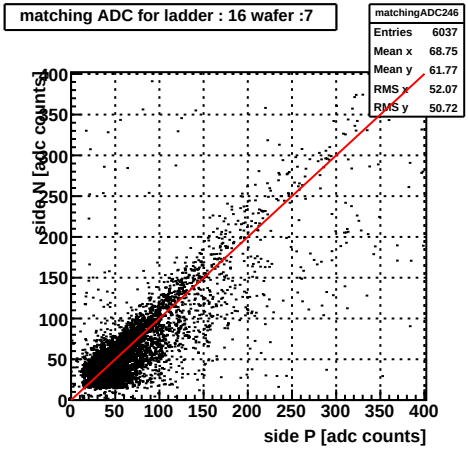

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 7874
Mean x 65.9
Mean y 63.25
RMS x 52.48
RMS y 51.74
side N [adc counts]
side P [adc counts]

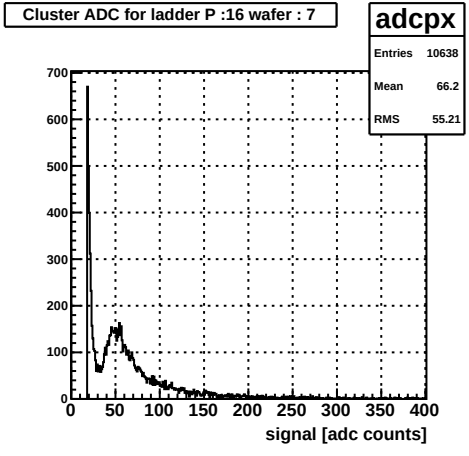

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9103
Mean 79.29
RMS 61.19
signal [adc counts]

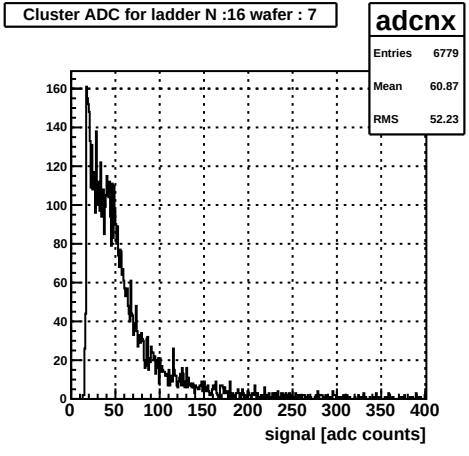

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 8797
Mean 62.52
RMS 53.76
signal [adc counts]

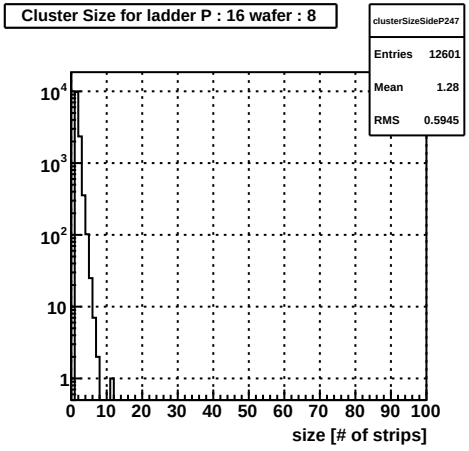

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 10638
Mean 1.321
RMS 0.6332
size [# of strips]

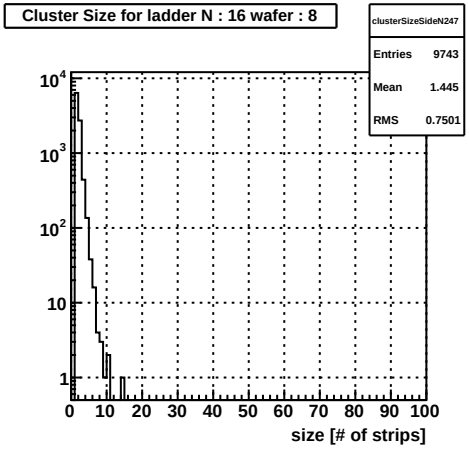

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 6779
Mean 1.407
RMS 0.6868
size [# of strips]

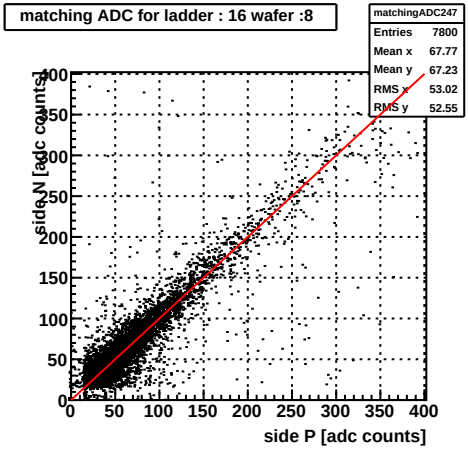

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 6037
Mean x 68.75
Mean y 61.77
RMS x 52.07
RMS y 50.72
side N [adc counts]
side P [adc counts]

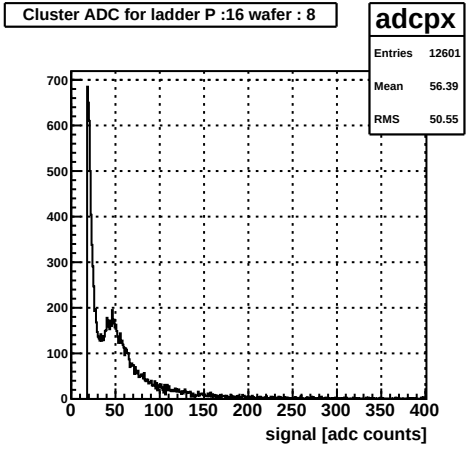

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 10638
Mean 66.2
RMS 55.21
signal [adc counts]

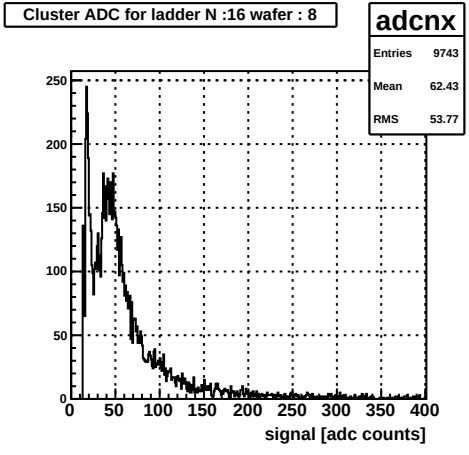

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 6779
Mean 60.87
RMS 52.23
signal [adc counts]

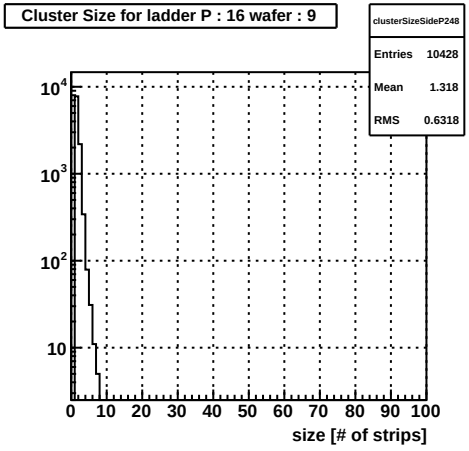

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 12601
Mean 1.28
RMS 0.5945
size [# of strips]

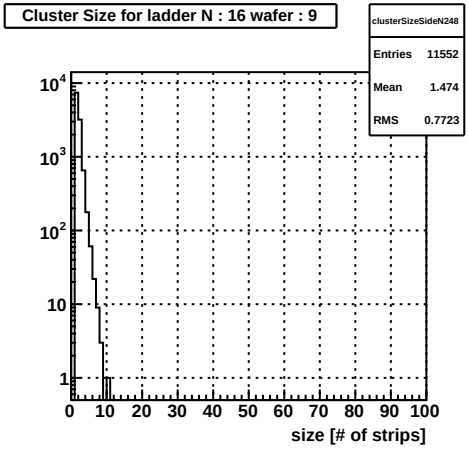

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 9743
Mean 1.445
RMS 0.7501
size [# of strips]

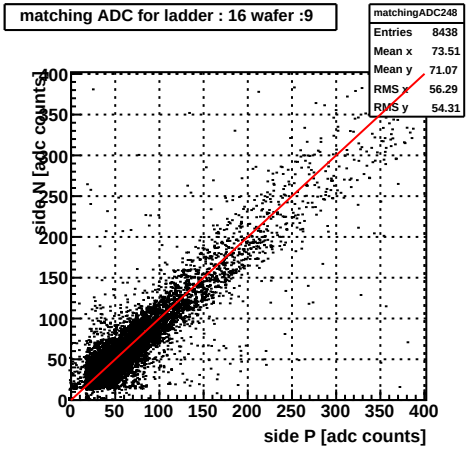

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 7800
Mean x 67.77
Mean y 67.23
RMS x 53.02
RMS y 52.55
side N [adc counts]
side P [adc counts]

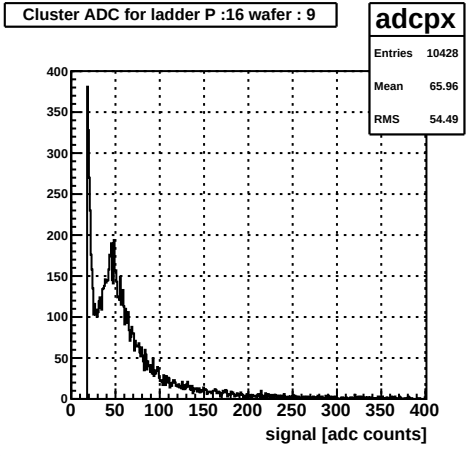

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 12601
Mean 56.39
RMS 50.55
signal [adc counts]

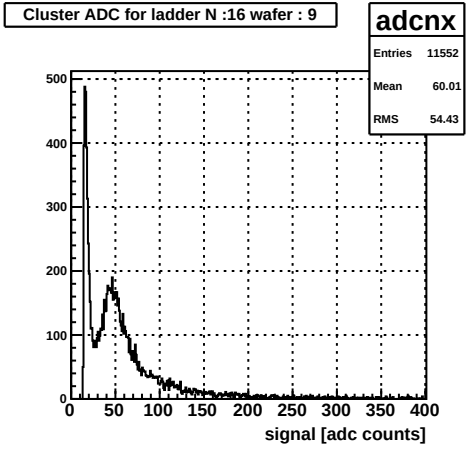

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 9743
Mean 62.43
RMS 53.77
signal [adc counts]

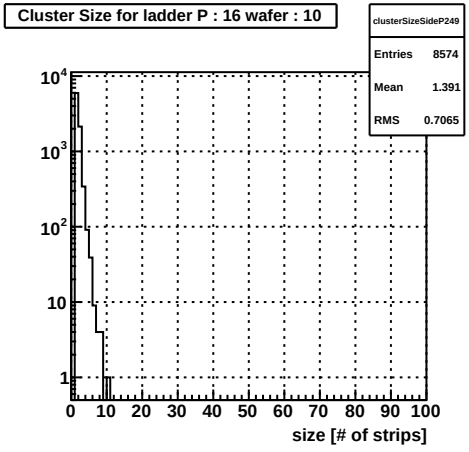

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 10428
Mean 1.318
RMS 0.6318
size [# of strips]

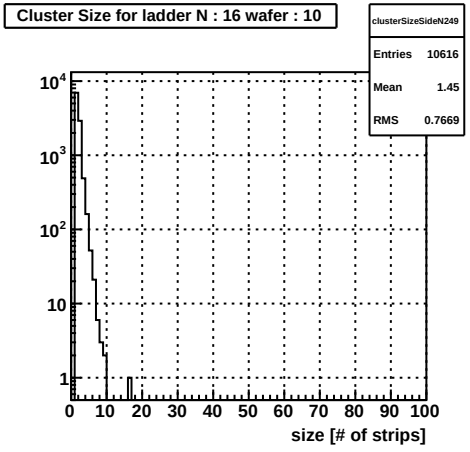

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 11552
Mean 1.474
RMS 0.7723
size [# of strips]

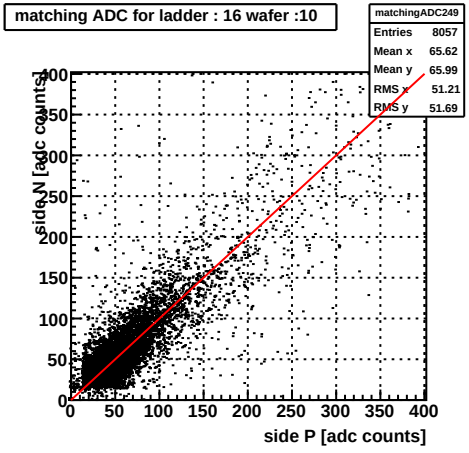

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 8438
Mean x 73.51
Mean y 71.07
RMS x 56.29
RMS y 54.31
side N [adc counts]
side P [adc counts]

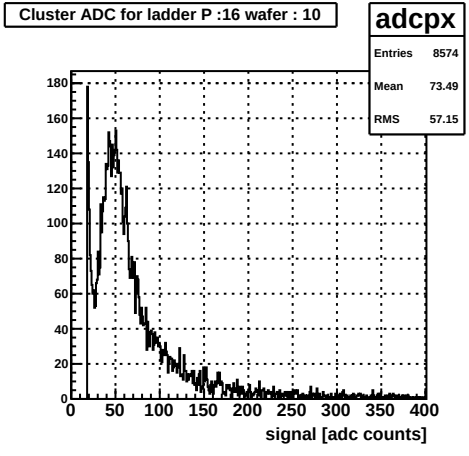

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 10428
Mean 65.96
RMS 54.49
signal [adc counts]

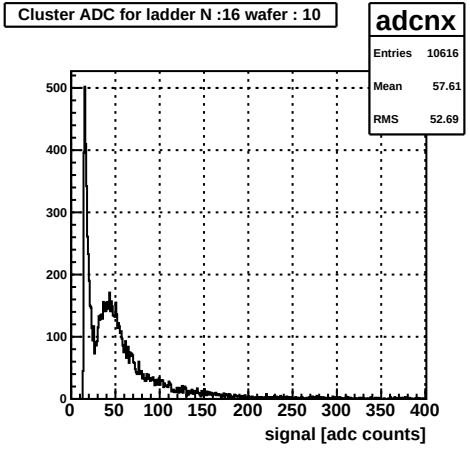

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 11552
Mean 60.01
RMS 54.43
signal [adc counts]

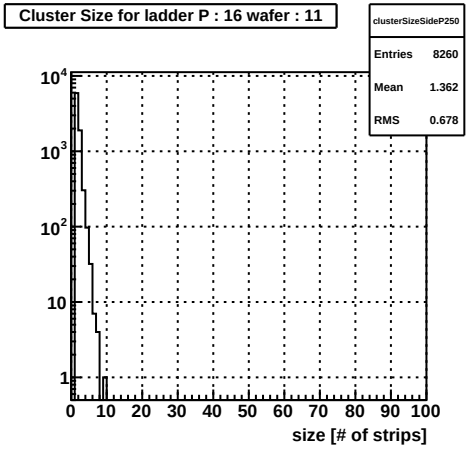

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8574
Mean 1.391
RMS 0.7065
size [# of strips]

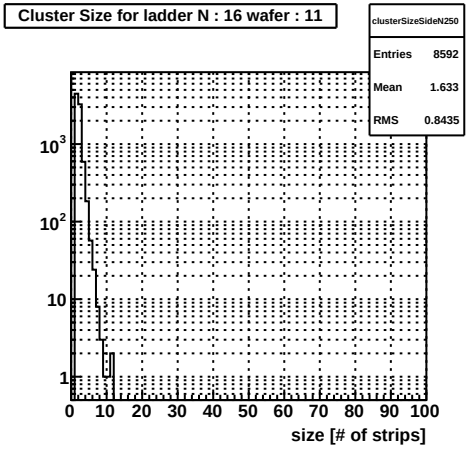

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 10616
Mean 1.45
RMS 0.7669
size [# of strips]

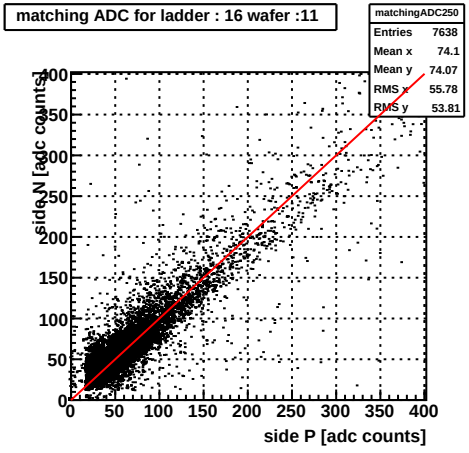

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 8057
Mean x 65.62
Mean y 65.99
RMS x 51.21
RMS y 51.69
side N [adc counts]
side P [adc counts]

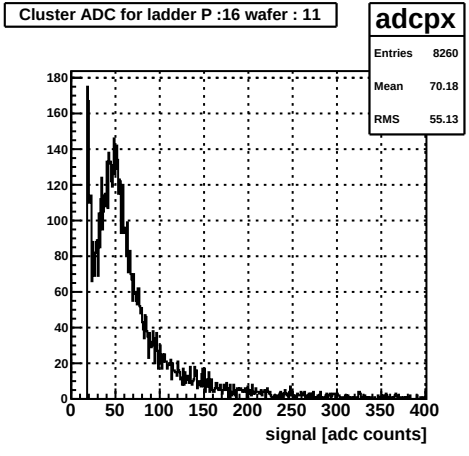

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8574
Mean 73.49
RMS 57.15
signal [adc counts]

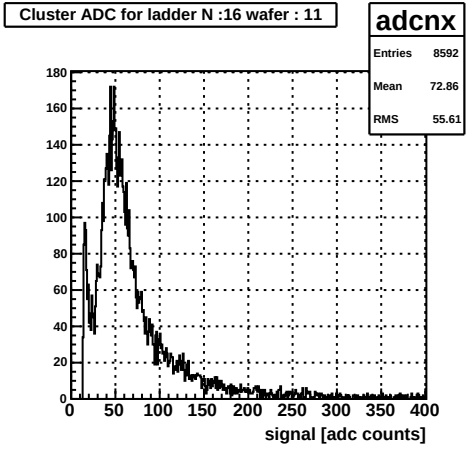

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 10616
Mean 57.61
RMS 52.69
signal [adc counts]

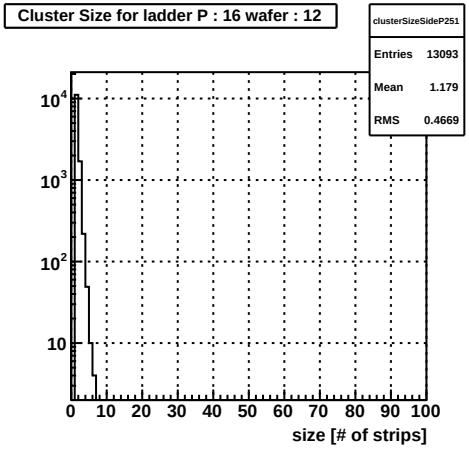

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 8260
Mean 1.362
RMS 0.678
size [# of strips]

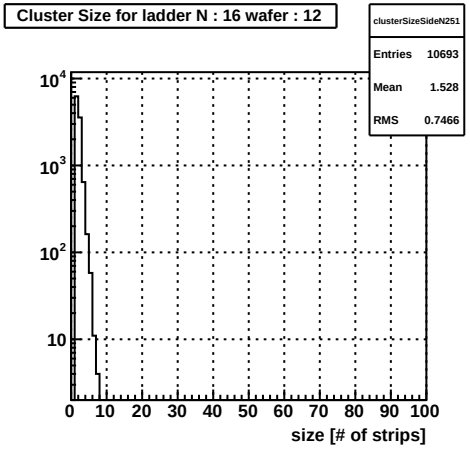

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 8592
Mean 1.633
RMS 0.8435
size [# of strips]

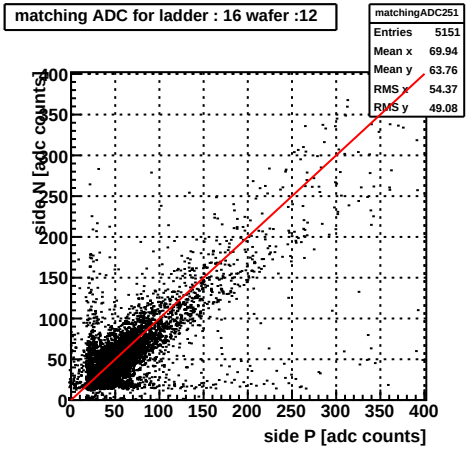

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 7638
Mean x 74.1
Mean y 74.07
RMS x 55.78
RMS y 53.81
side N [adc counts]
side P [adc counts]

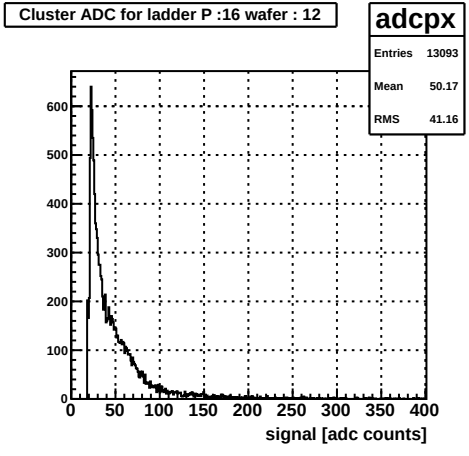

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 8260
Mean 70.18
RMS 55.13
signal [adc counts]

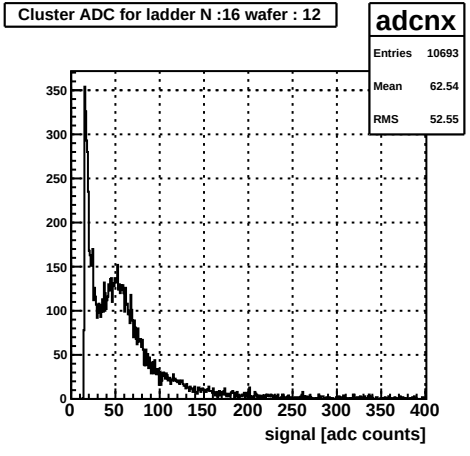

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 8592
Mean 72.86
RMS 55.61
signal [adc counts]

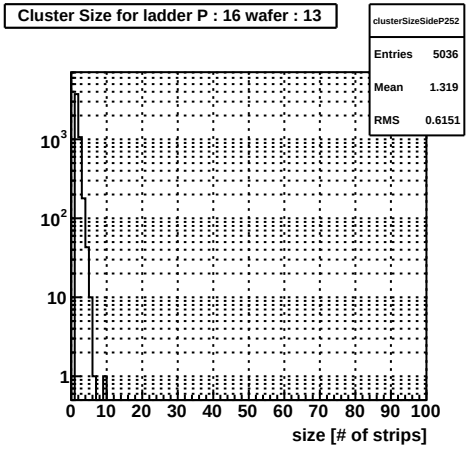

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 13093
Mean 1.179
RMS 0.4669
size [# of strips]

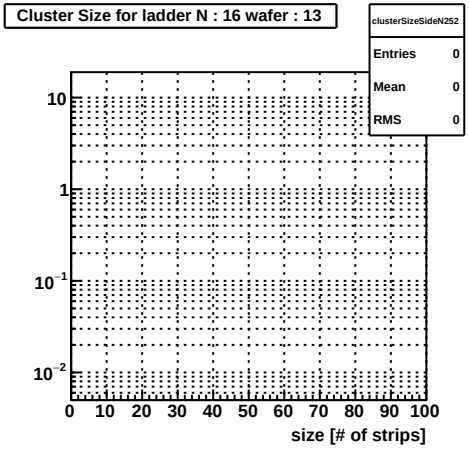

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 10693
Mean 1.528
RMS 0.7466
size [# of strips]

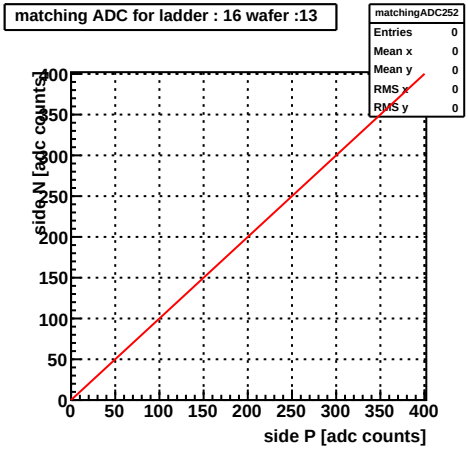

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 5151
Mean x 69.94
Mean y 63.76
RMS x 54.37
RMS y 49.08
side N [adc counts]
side P [adc counts]

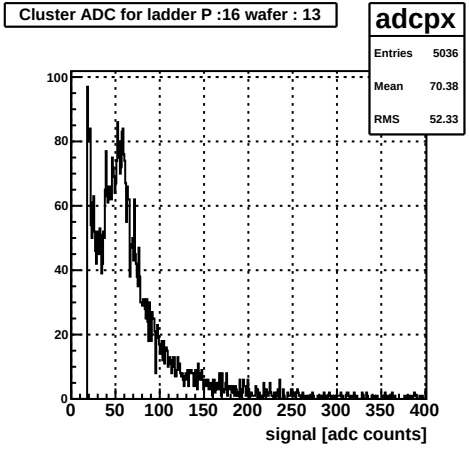

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 13093
Mean 50.17
RMS 41.16
signal [adc counts]

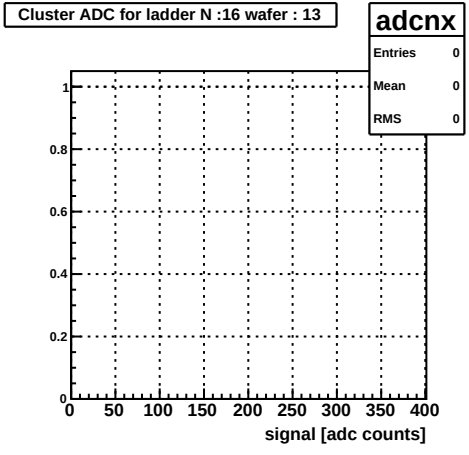

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 10693
Mean 62.54
RMS 52.55
signal [adc counts]

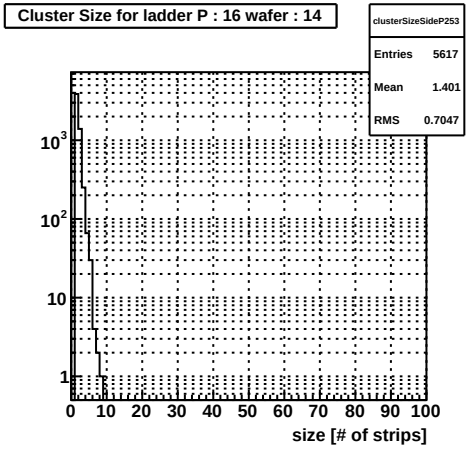

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 5036
Mean 1.319
RMS 0.6151
size [# of strips]

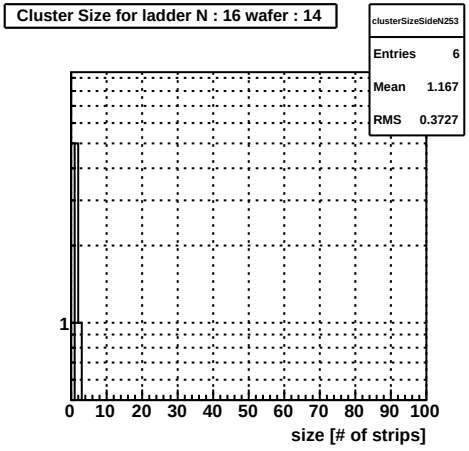

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

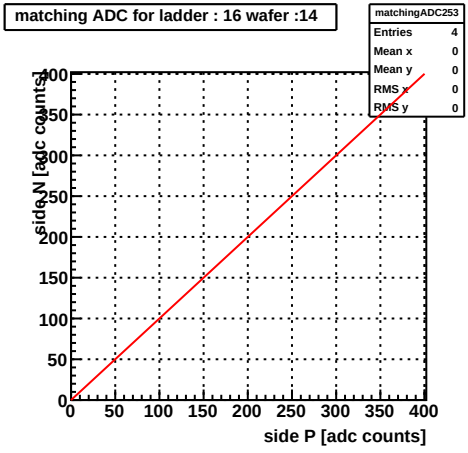

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

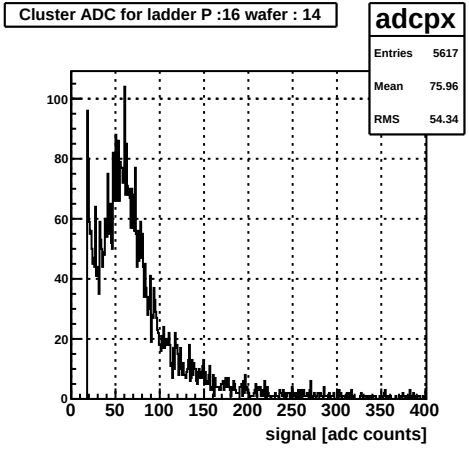

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 5036
Mean 70.38
RMS 52.33
signal [adc counts]

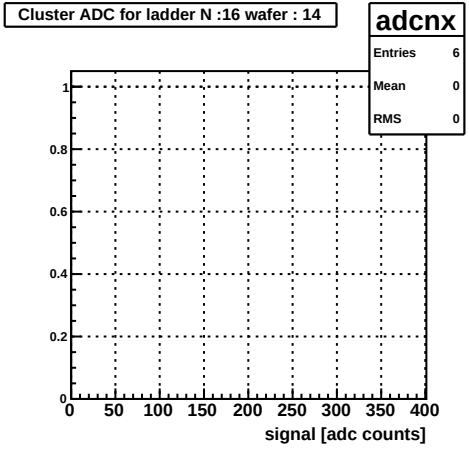

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

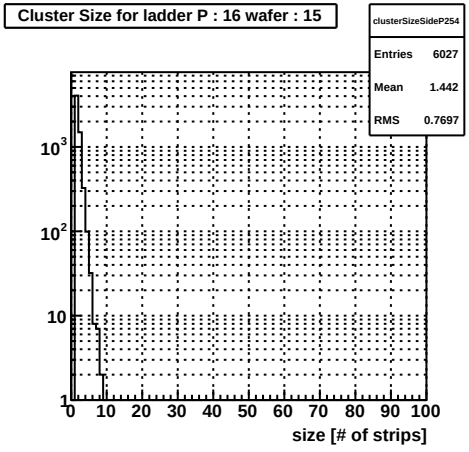

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 5617
Mean 1.401
RMS 0.7047
size [# of strips]

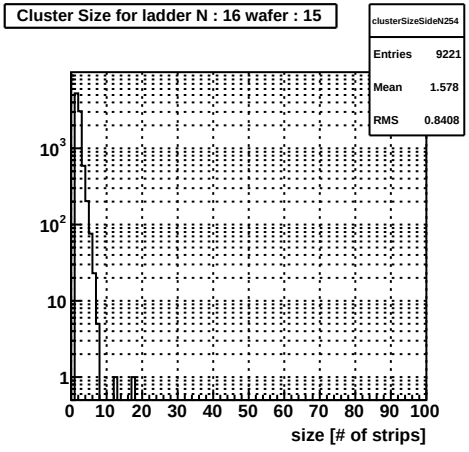

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

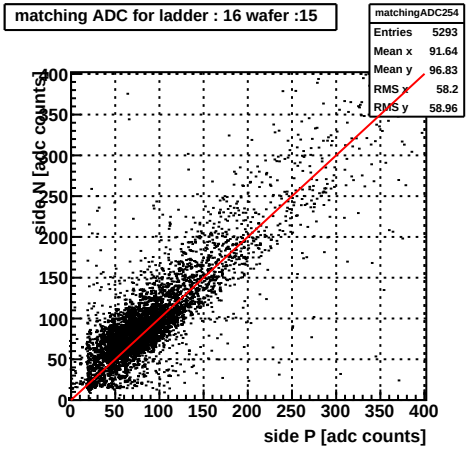

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

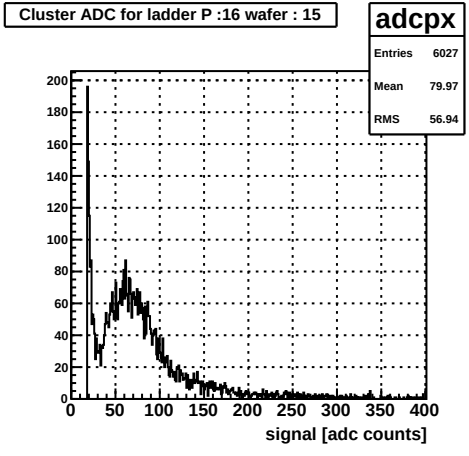

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 5617
Mean 75.96
RMS 54.34
signal [adc counts]

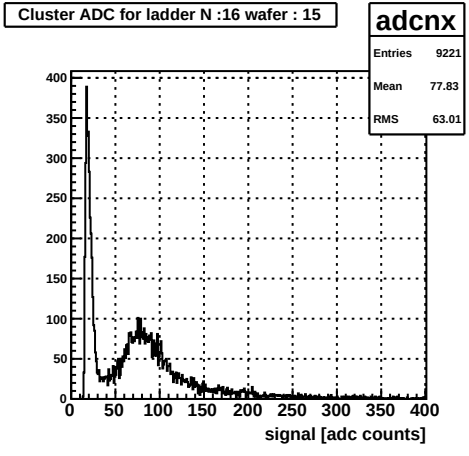

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 6
Mean 0
RMS 0
signal [adc counts]

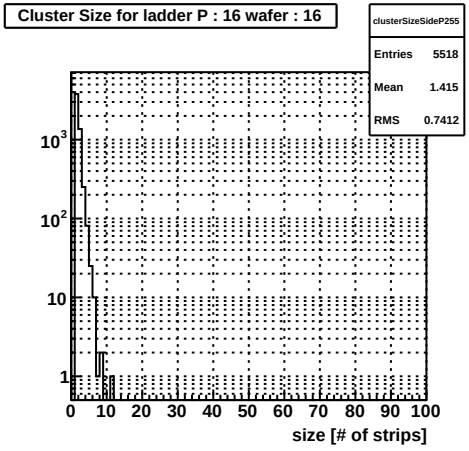

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 6027
Mean 1.442
RMS 0.7697
size [# of strips]

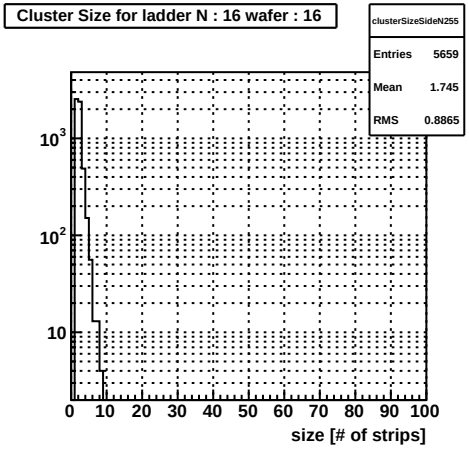

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 9221
Mean 1.578
RMS 0.8408
size [# of strips]

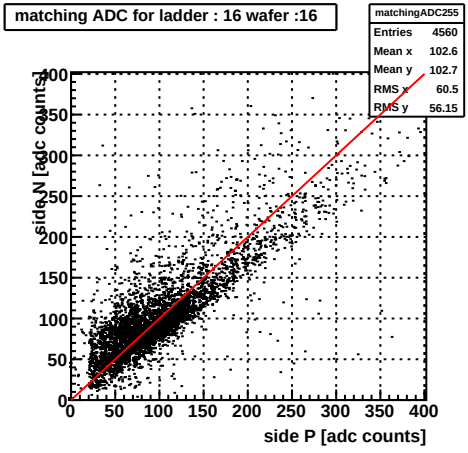

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 5293
Mean x 91.64
Mean y 96.83
RMS x 58.2
RMS y 58.96
side N [adc counts]
side P [adc counts]

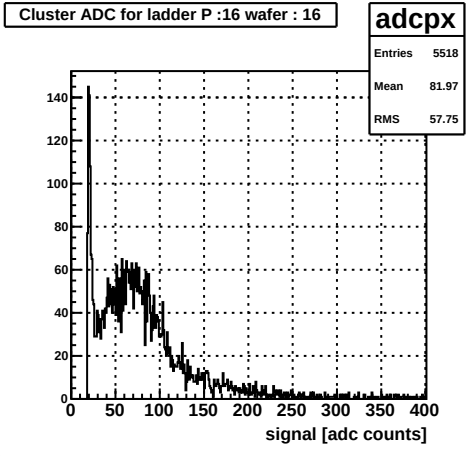

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 6027
Mean 79.97
RMS 56.94
signal [adc counts]

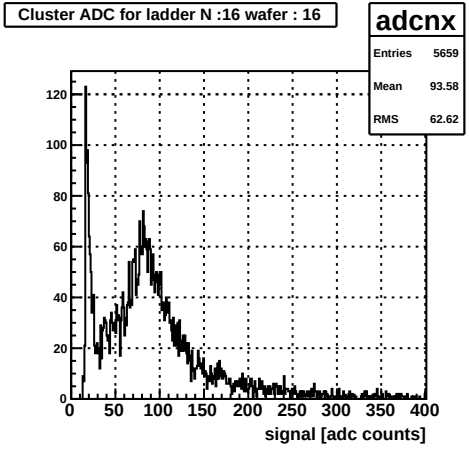

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 9221
Mean 77.83
RMS 63.01
signal [adc counts]

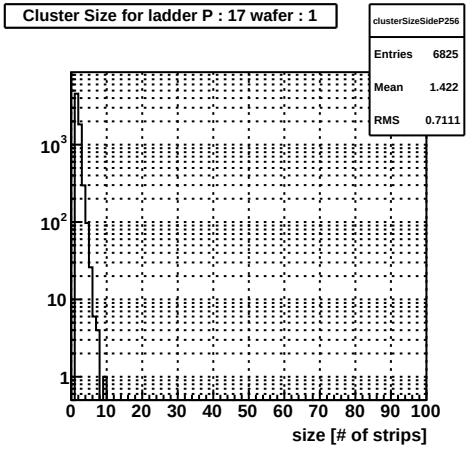

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 5518
Mean 1.415
RMS 0.7412
size [# of strips]

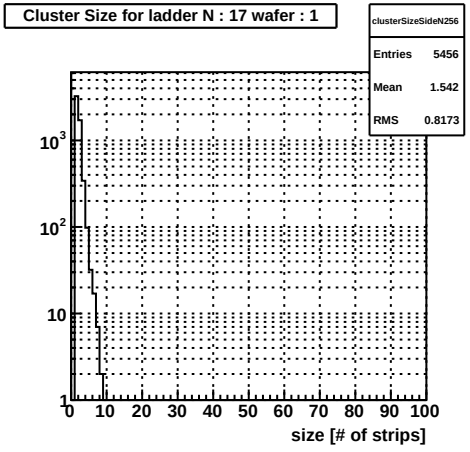

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 5659
Mean 1.745
RMS 0.8865
size [# of strips]

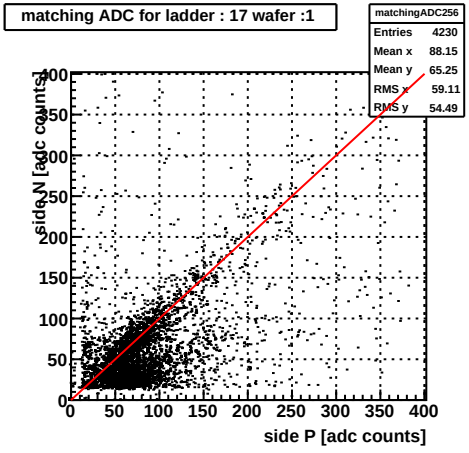

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 4560
Mean x 102.6
Mean y 102.7
RMS x 60.5
RMS y 56.15
side N [adc counts]
side P [adc counts]

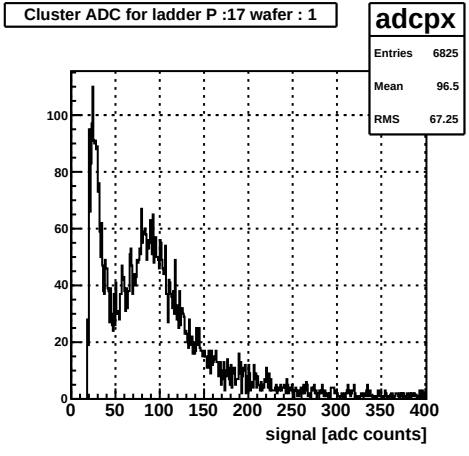

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 5518
Mean 81.97
RMS 57.75
signal [adc counts]

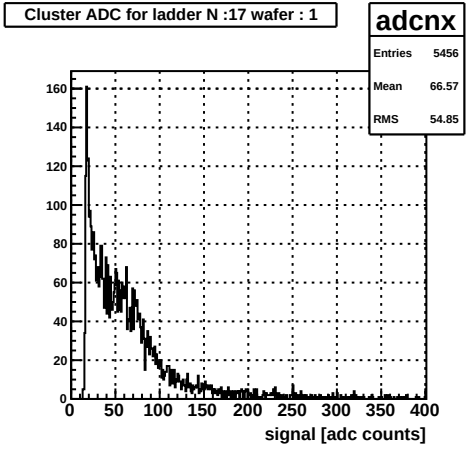

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 5659
Mean 93.58
RMS 62.62
signal [adc counts]

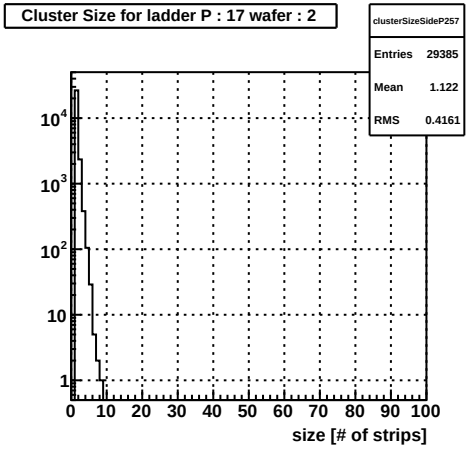

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 6825
Mean 1.422
RMS 0.7111
size [# of strips]

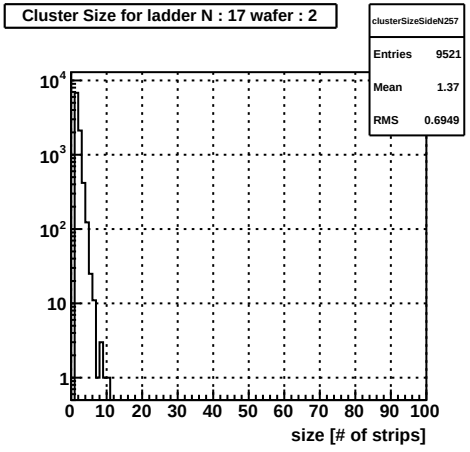

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 5456
Mean 1.542
RMS 0.8173
size [# of strips]

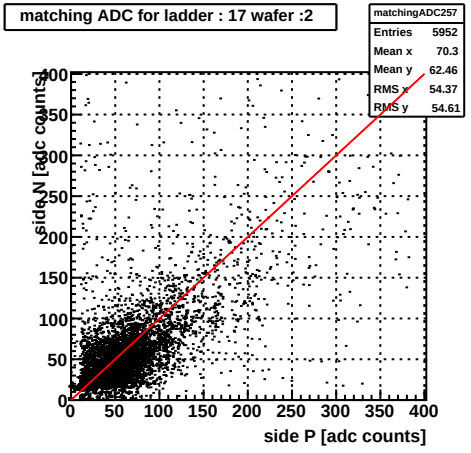

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 4230
Mean x 88.15
Mean y 65.25
RMS x 59.11
RMS y 54.49
side N [adc counts]
side P [adc counts]

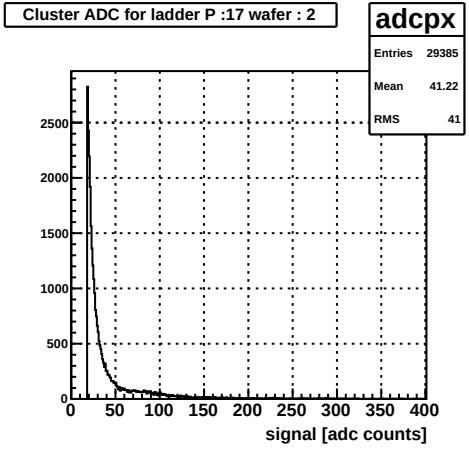

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 6825
Mean 96.5
RMS 67.25
signal [adc counts]

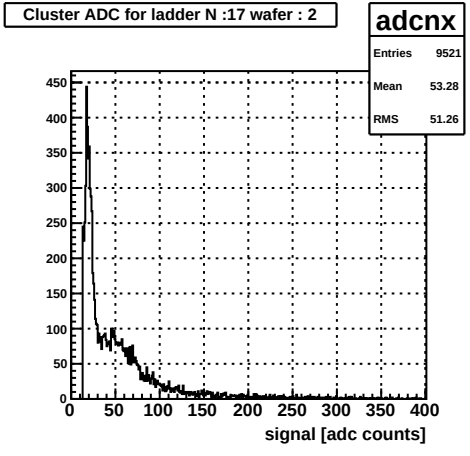

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 5456
Mean 66.57
RMS 54.85
signal [adc counts]

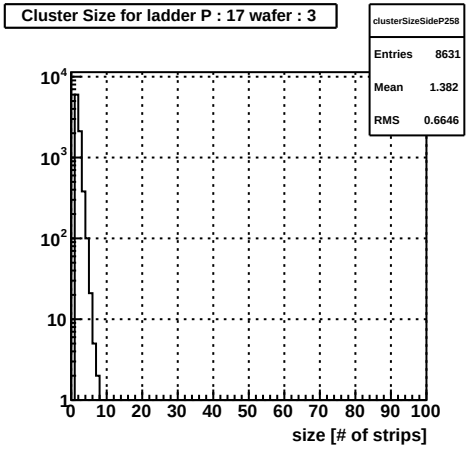

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 29385
Mean 1.122
RMS 0.4161
size [# of strips]

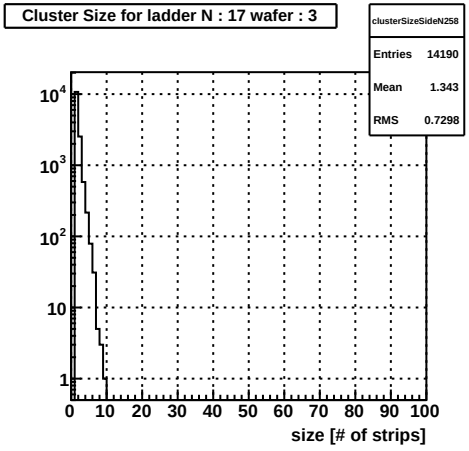

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 9521
Mean 1.37
RMS 0.6949
size [# of strips]

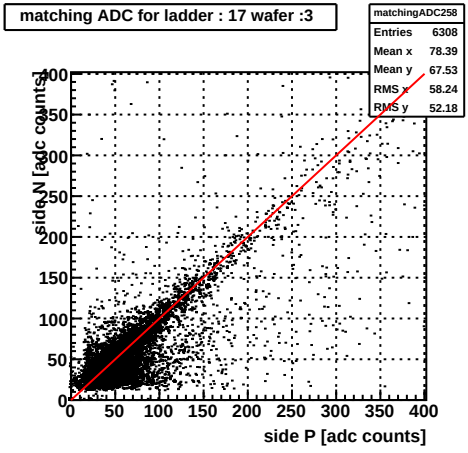

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 5952
Mean x 70.3
Mean y 62.46
RMS x 54.37
RMS y 54.61
side N [adc counts]
side P [adc counts]

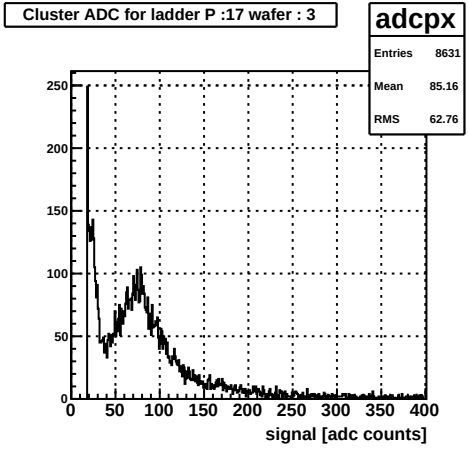

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 29385
Mean 41.22
RMS 41
signal [adc counts]

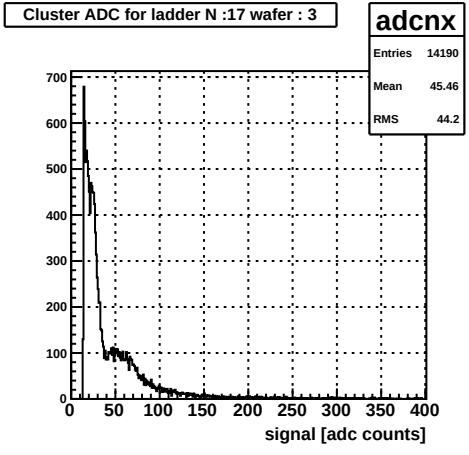

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 9521
Mean 53.28
RMS 51.26
signal [adc counts]

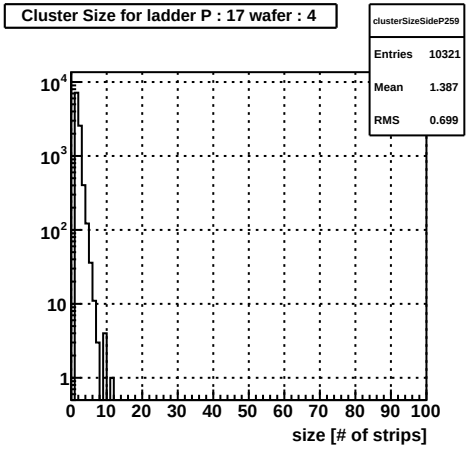

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 8631
Mean 1.382
RMS 0.6646
size [# of strips]

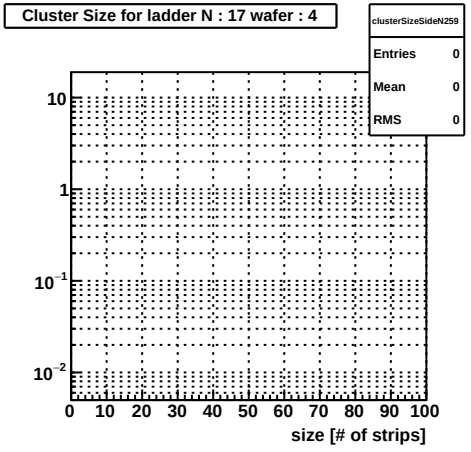

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 14190
Mean 1.343
RMS 0.7298
size [# of strips]

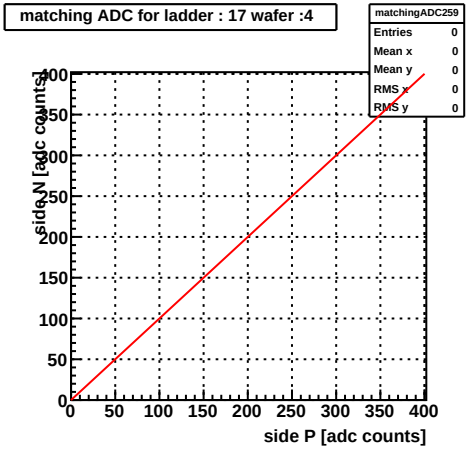

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 6308
Mean x 78.39
Mean y 67.53
RMS x 58.24
RMS y 52.18
side N [adc counts]
side P [adc counts]

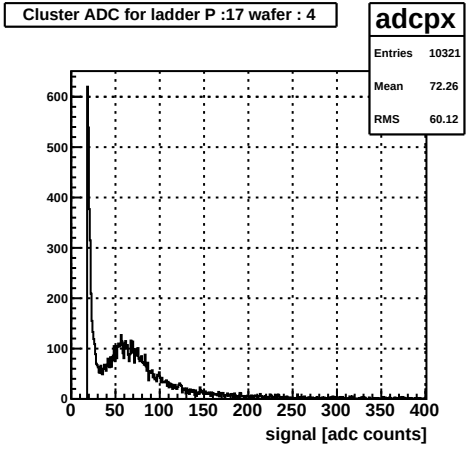

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 8631
Mean 85.16
RMS 62.76
signal [adc counts]

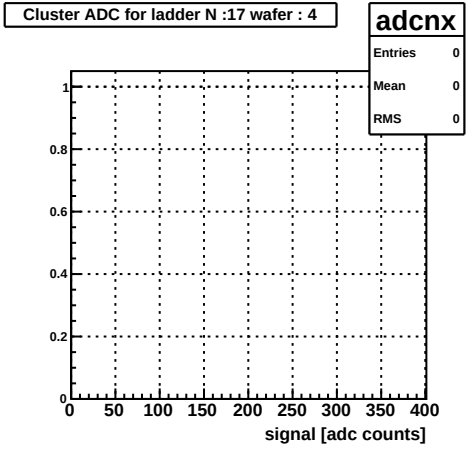

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 14190
Mean 45.46
RMS 44.2
signal [adc counts]

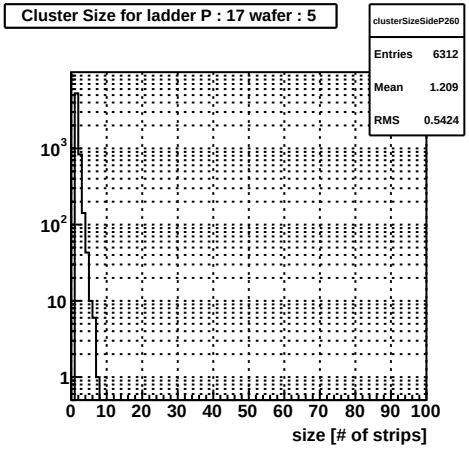

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10321
Mean 1.387
RMS 0.699
size [# of strips]

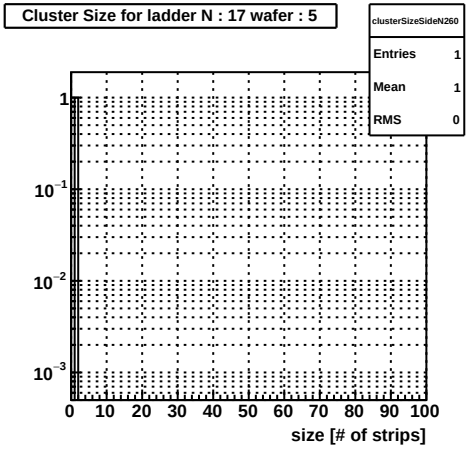

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

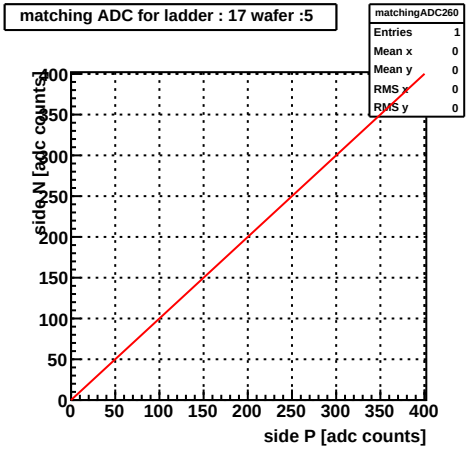

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

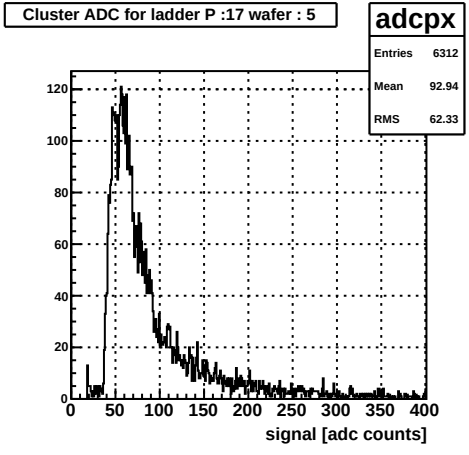

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10321
Mean 72.26
RMS 60.12
signal [adc counts]

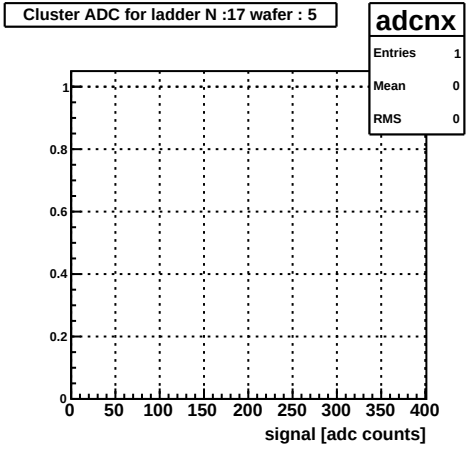

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

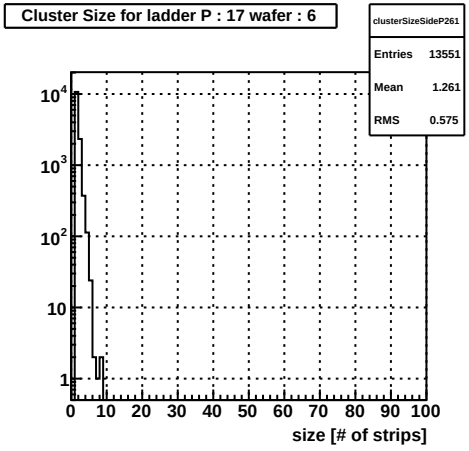

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 6312
Mean 1.209
RMS 0.5424
size [# of strips]

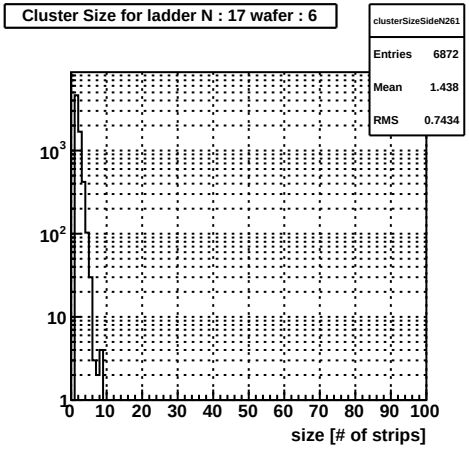

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 1
Mean 1
RMS 0
size [# of strips]

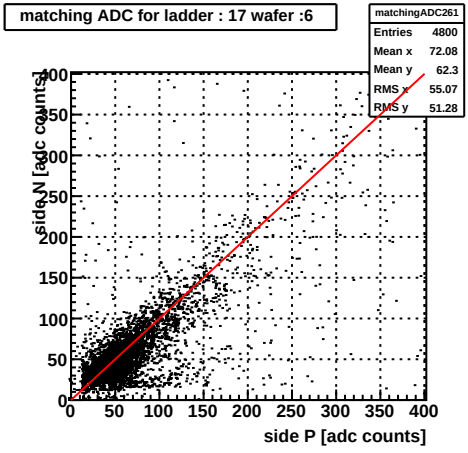

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

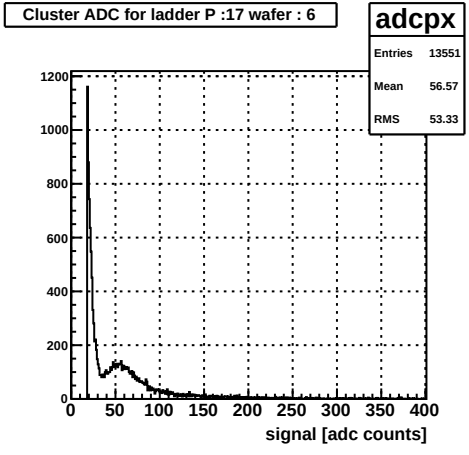

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 6312
Mean 92.94
RMS 62.33
signal [adc counts]

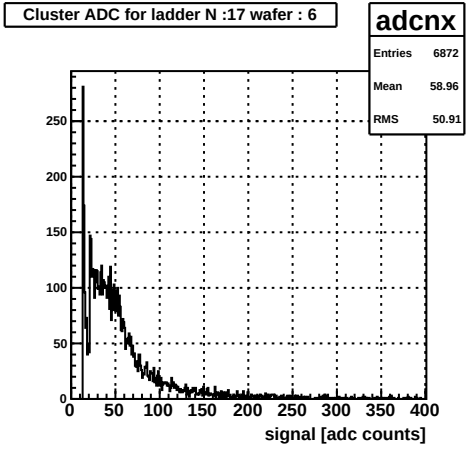

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

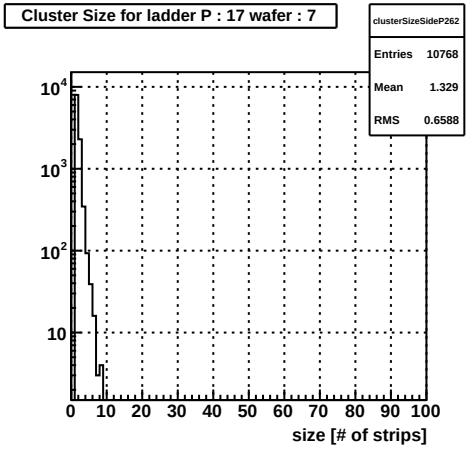

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 13551
Mean 1.261
RMS 0.575
size [# of strips]

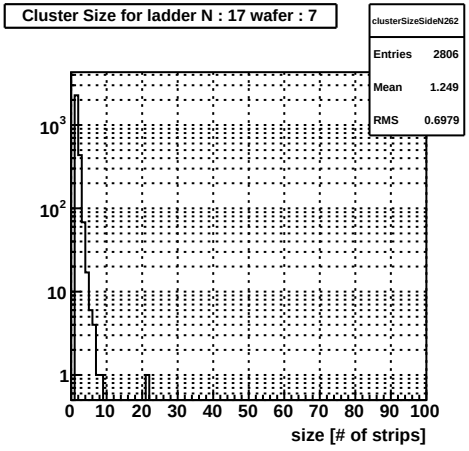

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6872
Mean 1.438
RMS 0.7434
size [# of strips]

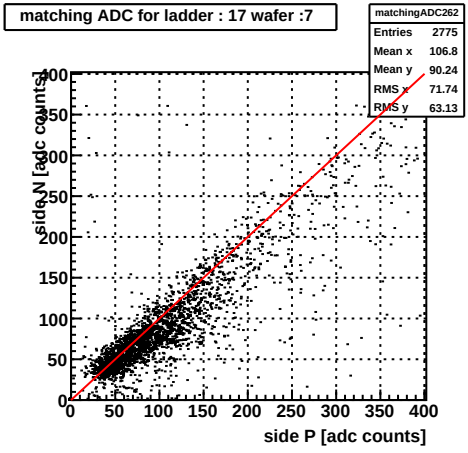

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 4800
Mean x 72.08
Mean y 62.3
RMS x 55.07
RMS y 51.28
side N [adc counts]
side P [adc counts]

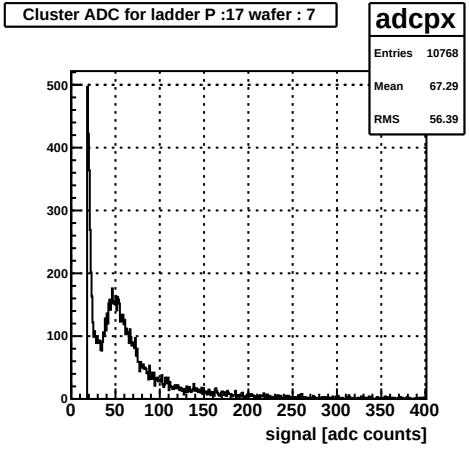

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 13551
Mean 56.57
RMS 53.33
signal [adc counts]

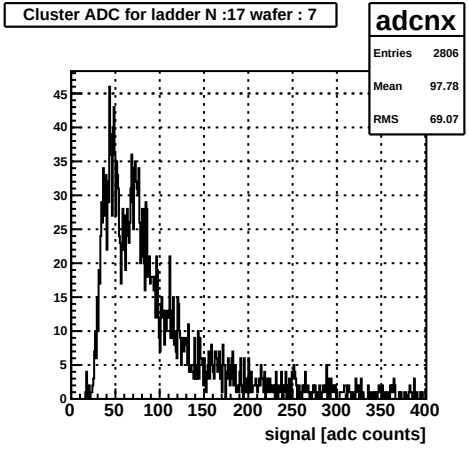

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6872
Mean 58.96
RMS 50.91
signal [adc counts]

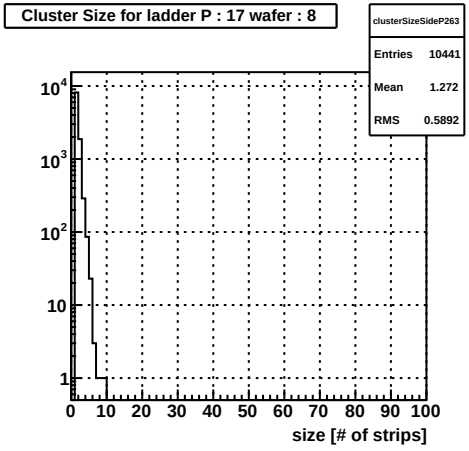

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10768
Mean 1.329
RMS 0.6588
size [# of strips]

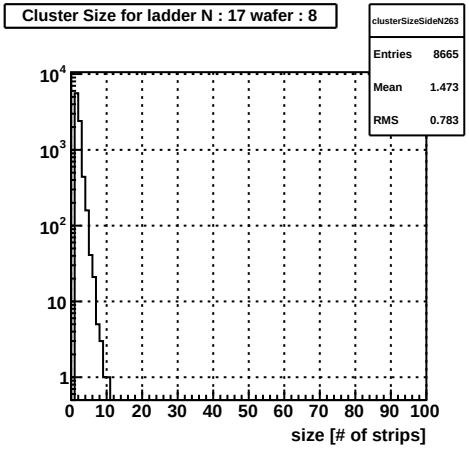

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2806
Mean 1.249
RMS 0.6979
size [# of strips]

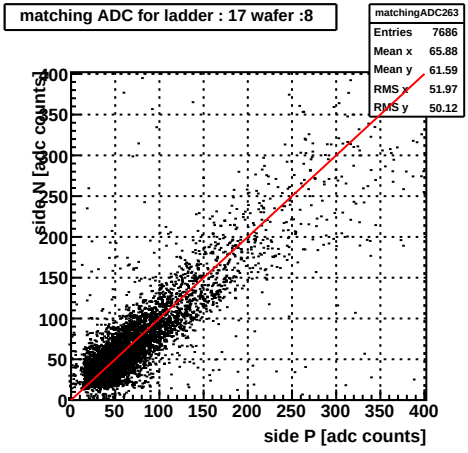

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 2775
Mean x 106.8
Mean y 90.24
RMS x 71.74
RMS y 63.13
side N [adc counts]
side P [adc counts]

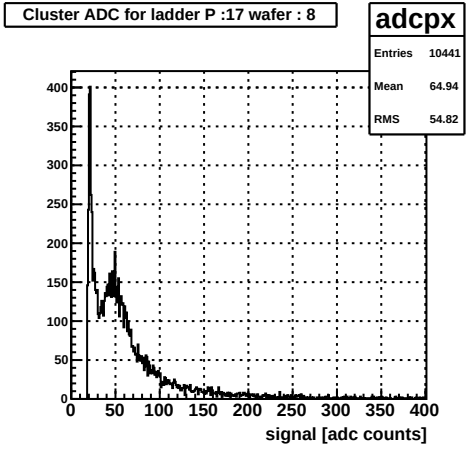

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10768
Mean 67.29
RMS 56.39
signal [adc counts]

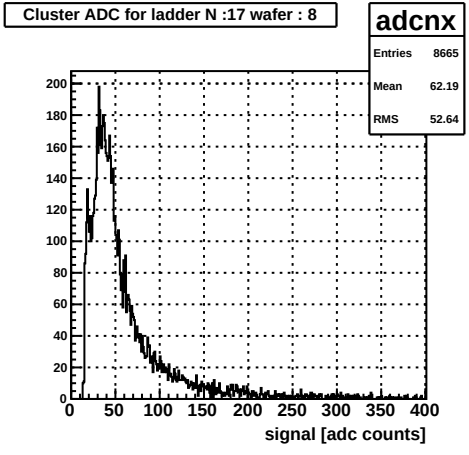

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2806
Mean 97.78
RMS 69.07
signal [adc counts]

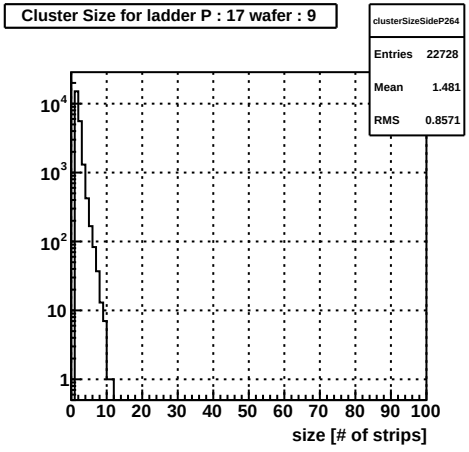

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 10441
Mean 1.272
RMS 0.5892
size [# of strips]

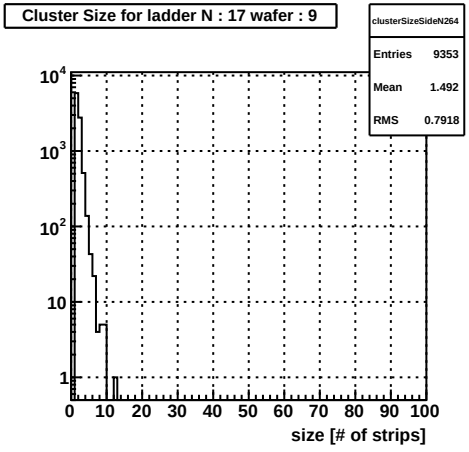

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 8665
Mean 1.473
RMS 0.783
size [# of strips]

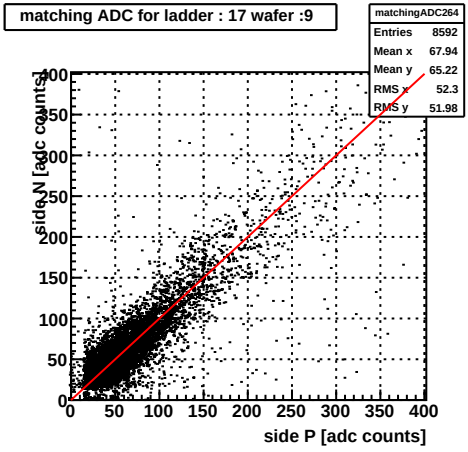

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 7686
Mean x 65.88
Mean y 61.59
RMS x 51.97
RMS y 50.12
side N [adc counts]
side P [adc counts]

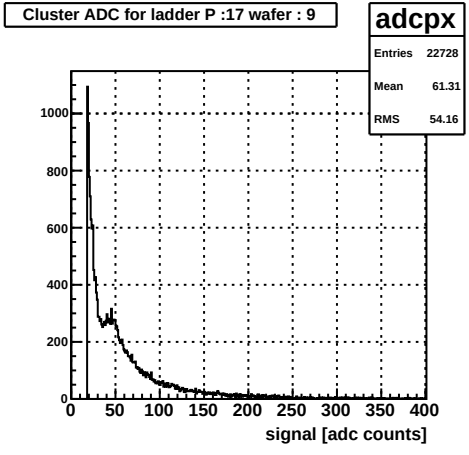

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 10441
Mean 64.94
RMS 54.82
signal [adc counts]

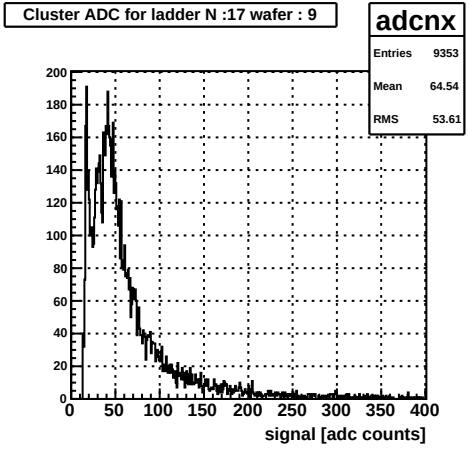

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 8665
Mean 62.19
RMS 52.64
signal [adc counts]

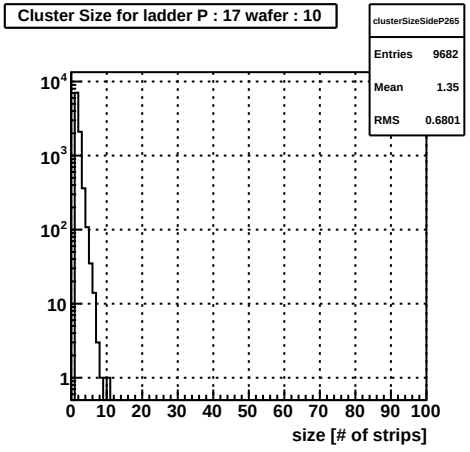

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 22728
Mean 1.481
RMS 0.8571
size [# of strips]

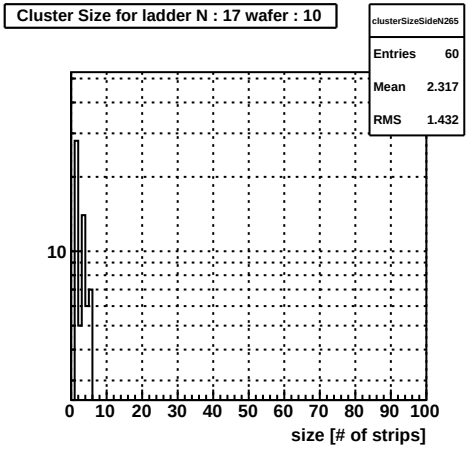

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 9353
Mean 1.492
RMS 0.7918
size [# of strips]

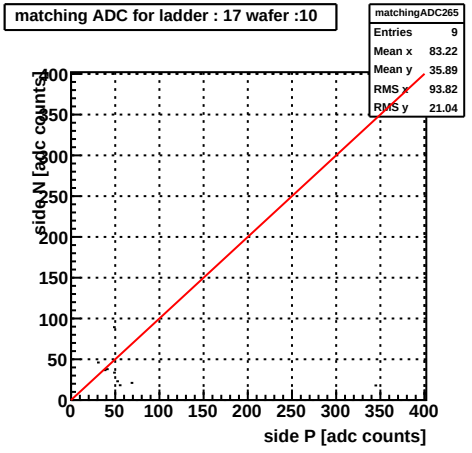

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 8592
Mean x 67.94
Mean y 65.22
RMS x 52.3
RMS y 51.98
side N [adc counts]
side P [adc counts]

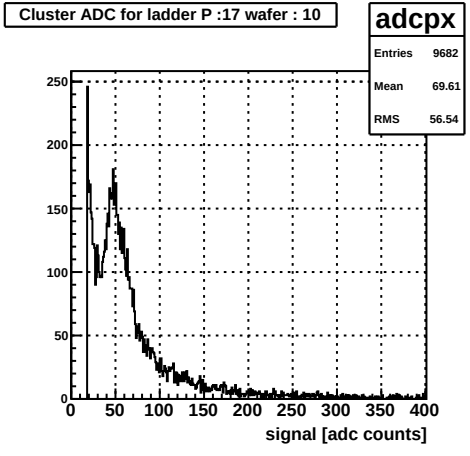

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 22728
Mean 61.31
RMS 54.16
signal [adc counts]

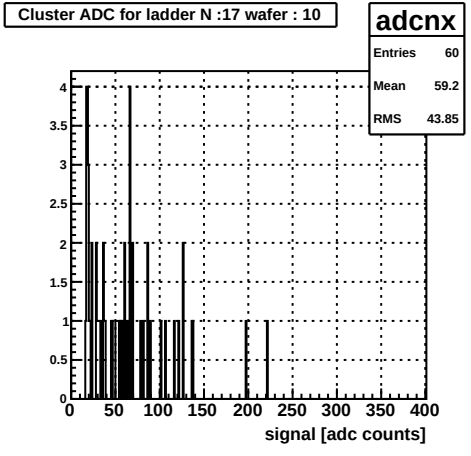

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 9353
Mean 64.54
RMS 53.61
signal [adc counts]

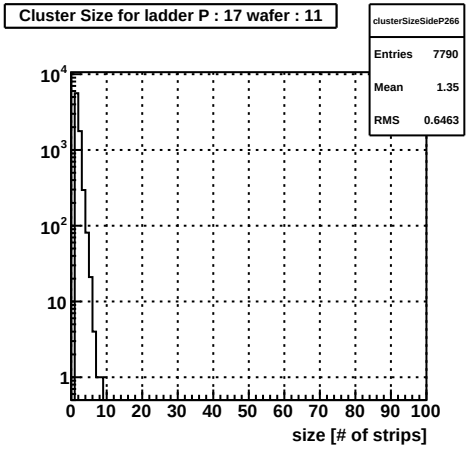

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 9682
Mean 1.35
RMS 0.6801
size [# of strips]

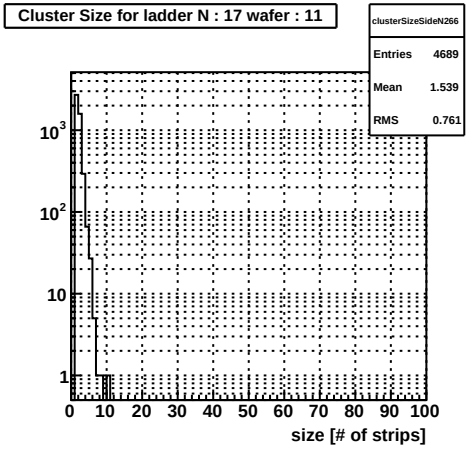

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 60
Mean 2.317
RMS 1.432
size [# of strips]

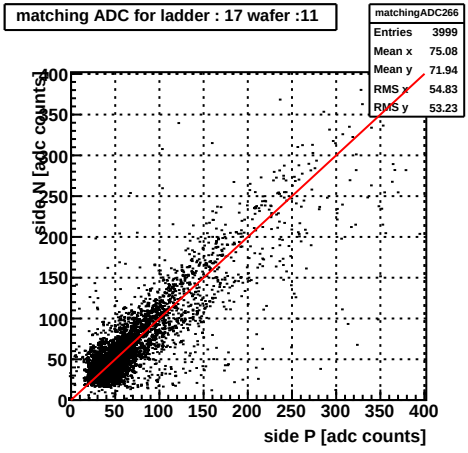

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 9
Mean x 83.22
Mean y 35.89
RMS x 93.82
RMS y 21.04
side N [adc counts]
side P [adc counts]

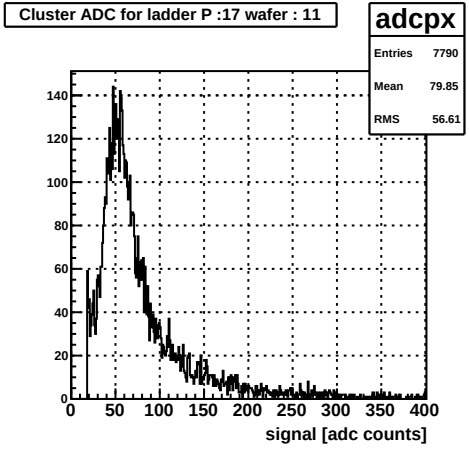

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 9682
Mean 69.61
RMS 56.54
signal [adc counts]

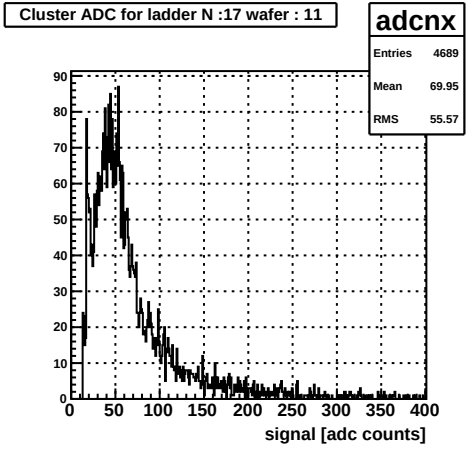

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 60
Mean 59.2
RMS 43.85
signal [adc counts]

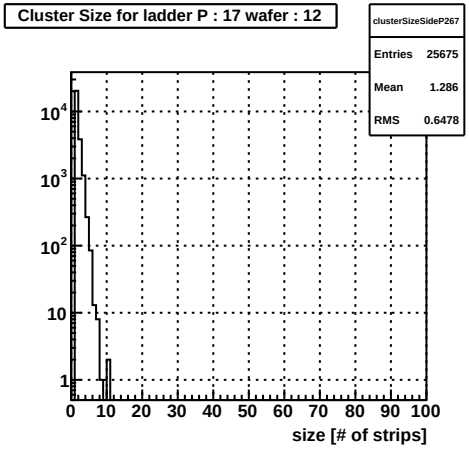

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 7790
Mean 1.35
RMS 0.6463
size [# of strips]

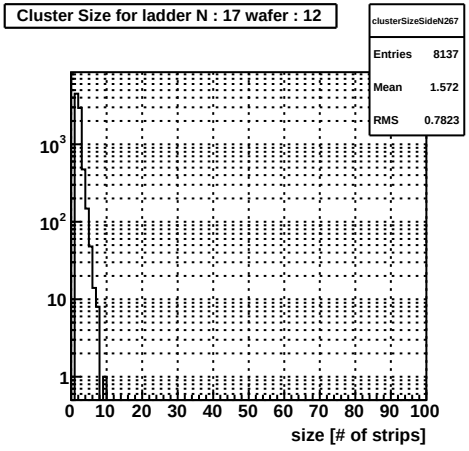

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 4689
Mean 1.539
RMS 0.761
size [# of strips]

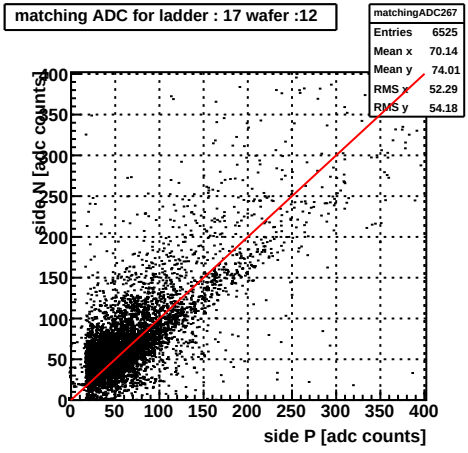

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 3999
Mean x 75.08
Mean y 71.94
RMS x 54.83
RMS y 53.23
side N [adc counts]
side P [adc counts]

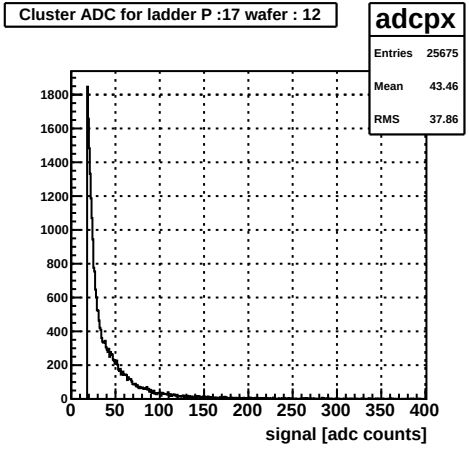

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 7790
Mean 79.85
RMS 56.61
signal [adc counts]

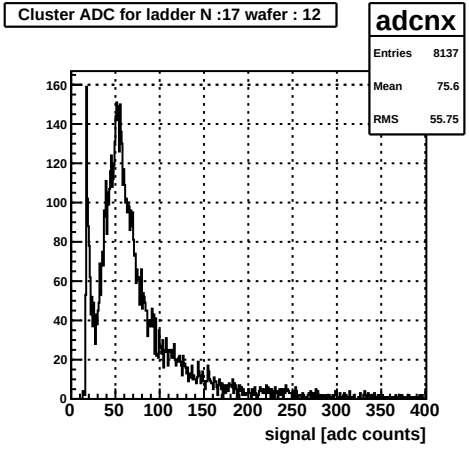

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 4689
Mean 69.95
RMS 55.57
signal [adc counts]

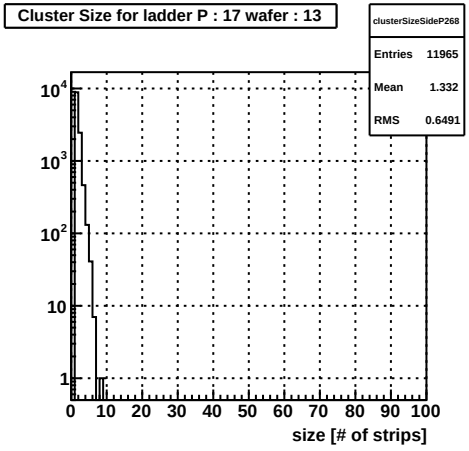

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 25675
Mean 1.286
RMS 0.6478
size [# of strips]

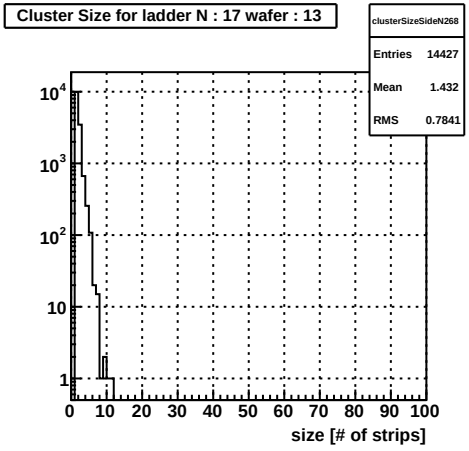

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 8137
Mean 1.572
RMS 0.7823
size [# of strips]

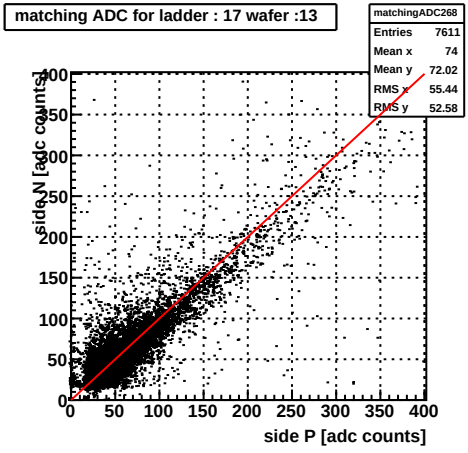

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 6525
Mean x 70.14
Mean y 74.01
RMS x 52.29
RMS y 54.18
side N [adc counts]
side P [adc counts]

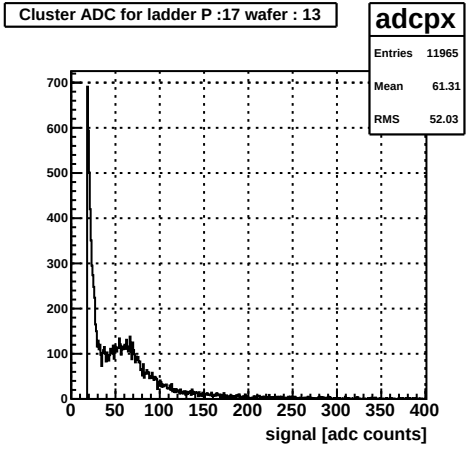

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 25675
Mean 43.46
RMS 37.86
signal [adc counts]

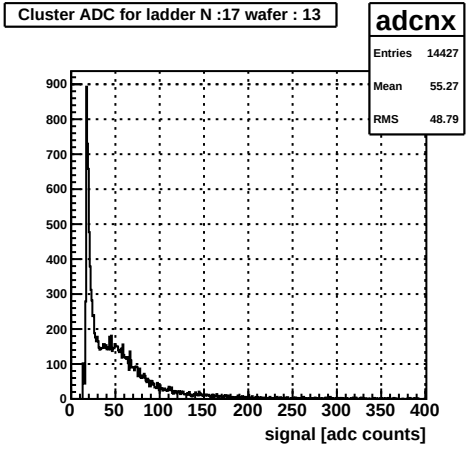

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 8137
Mean 75.6
RMS 55.75
signal [adc counts]

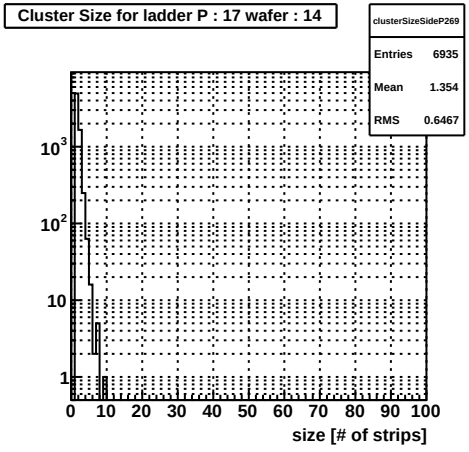

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 11965
Mean 1.332
RMS 0.6491
size [# of strips]

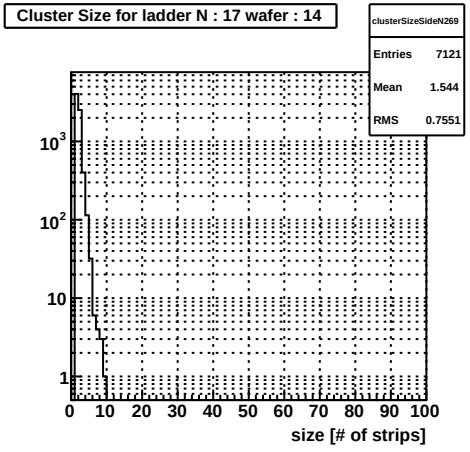

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 14427
Mean 1.432
RMS 0.7841
size [# of strips]

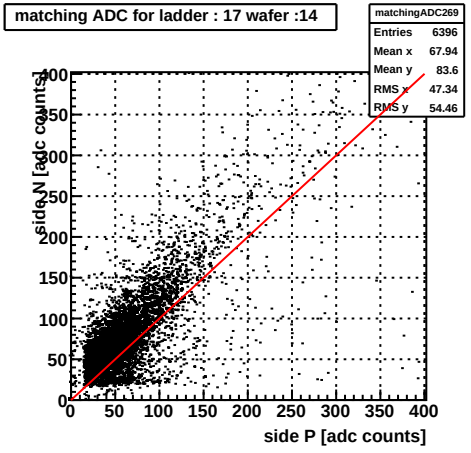

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 7611
Mean x 74
Mean y 72.02
RMS x 55.44
RMS y 52.58
side N [adc counts]
side P [adc counts]

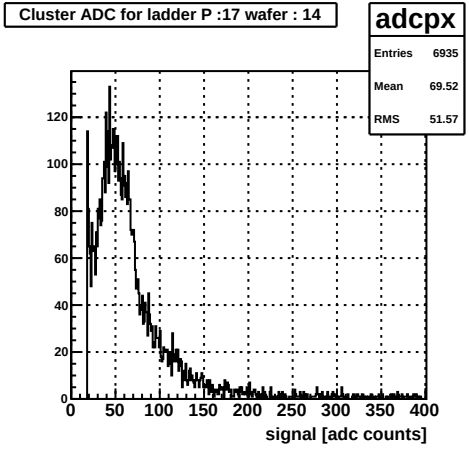

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 11965
Mean 61.31
RMS 52.03
signal [adc counts]

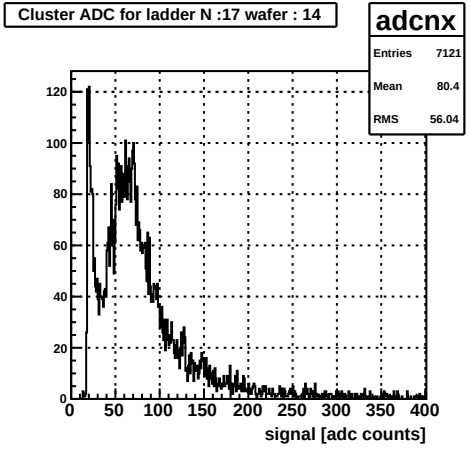

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 14427
Mean 55.27
RMS 48.79
signal [adc counts]

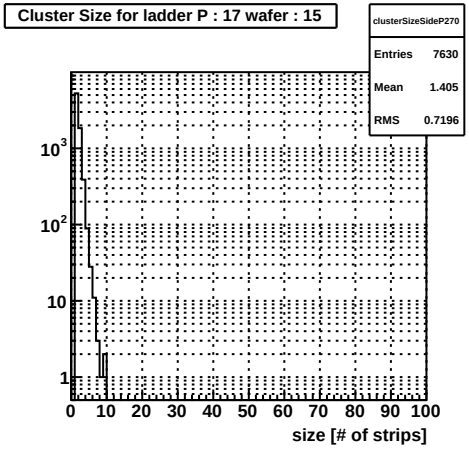

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6935
Mean 1.354
RMS 0.6467
size [# of strips]

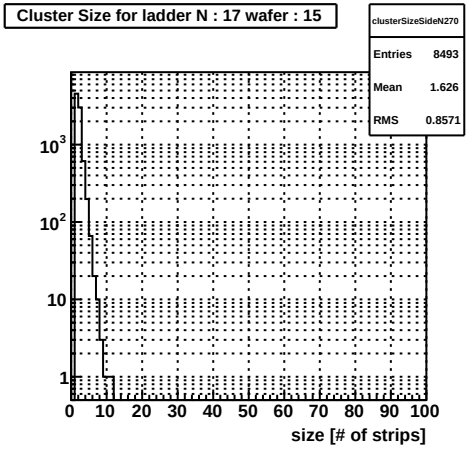

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 7121
Mean 1.544
RMS 0.7551
size [# of strips]

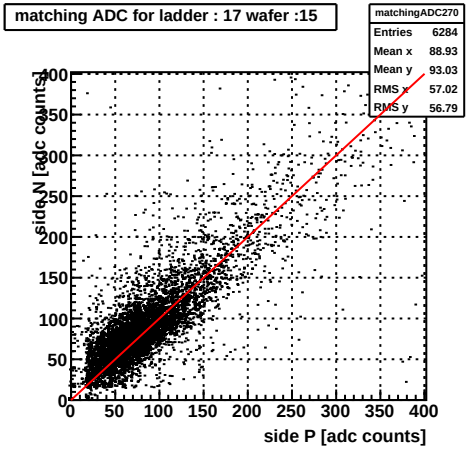

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 6396
Mean x 67.94
Mean y 83.6
RMS x 47.34
RMS y 54.46
side N [adc counts]
side P [adc counts]

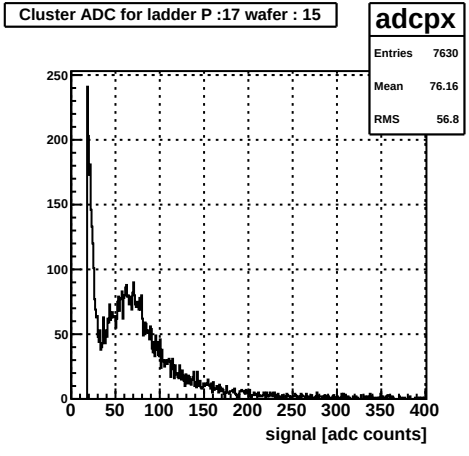

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6935
Mean 69.52
RMS 51.57
signal [adc counts]

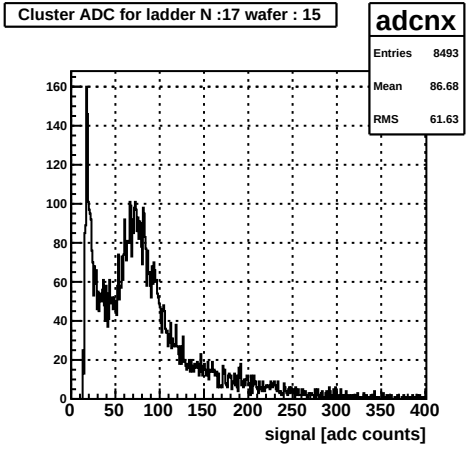

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 7121
Mean 80.4
RMS 56.04
signal [adc counts]

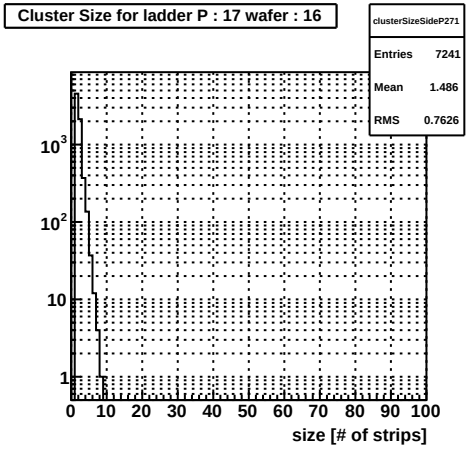

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7630
Mean 1.405
RMS 0.7196
size [# of strips]

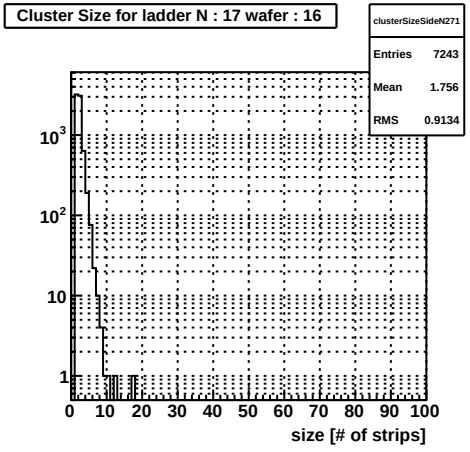

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 8493
Mean 1.626
RMS 0.8571
size [# of strips]

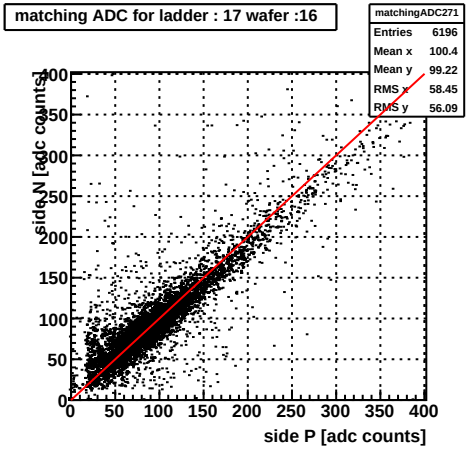

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 6284
Mean x 88.93
Mean y 93.03
RMS x 57.02
RMS y 56.79
side N [adc counts]
side P [adc counts]

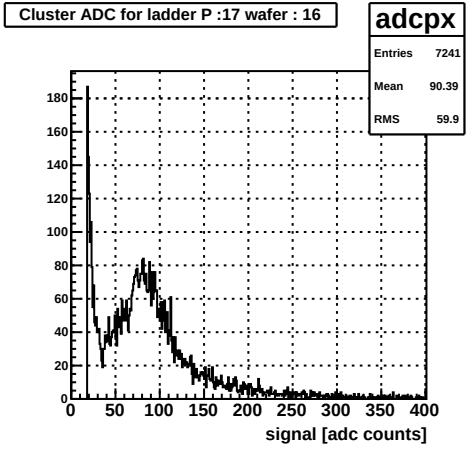

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7630
Mean 76.16
RMS 56.8
signal [adc counts]

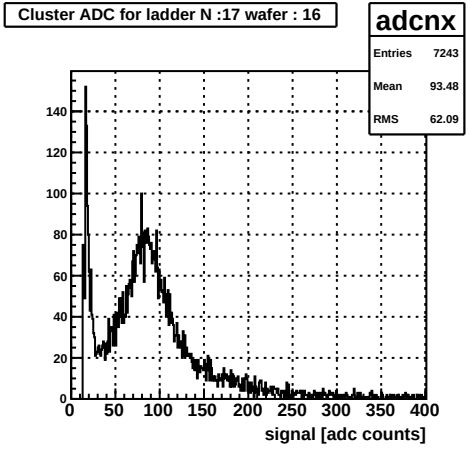

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 8493
Mean 86.68
RMS 61.63
signal [adc counts]

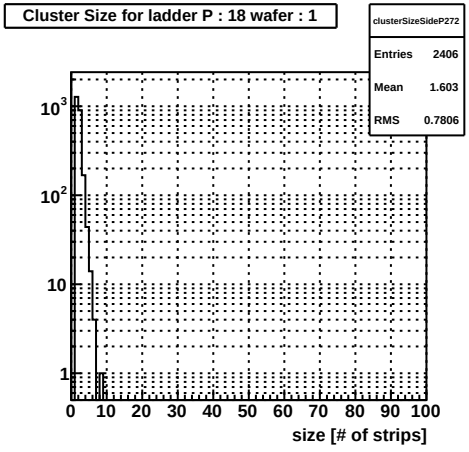

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 7241
Mean 1.486
RMS 0.7626
size [# of strips]

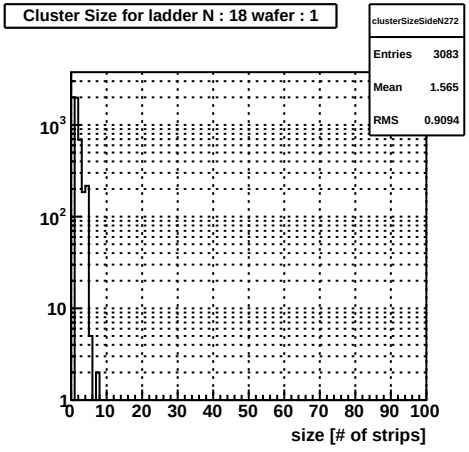

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 7243
Mean 1.756
RMS 0.9134
size [# of strips]

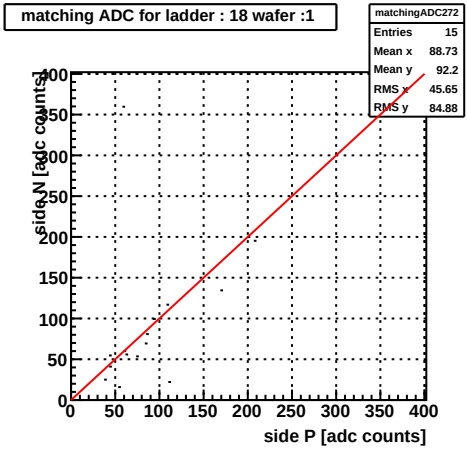

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 6196
Mean x 100.4
Mean y 99.22
RMS x 58.45
RMS y 56.09
side N [adc counts]
side P [adc counts]

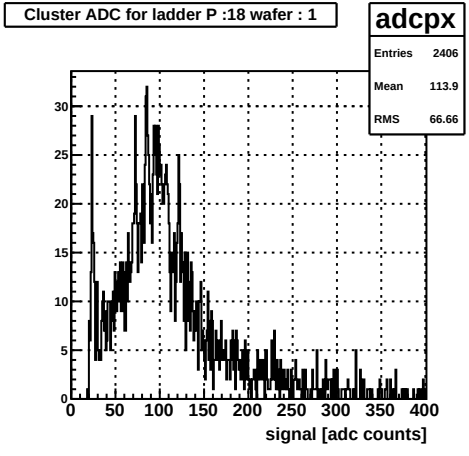

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 7241
Mean 90.39
RMS 59.9
signal [adc counts]

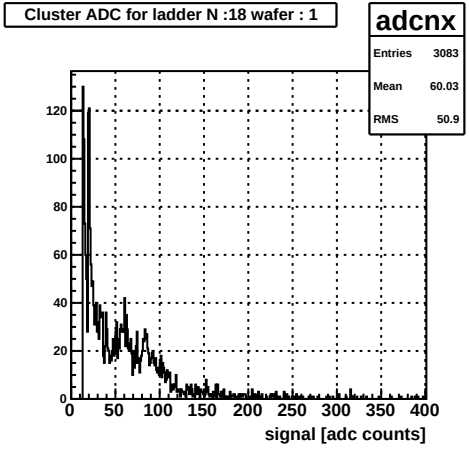

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 7243
Mean 93.48
RMS 62.09
signal [adc counts]

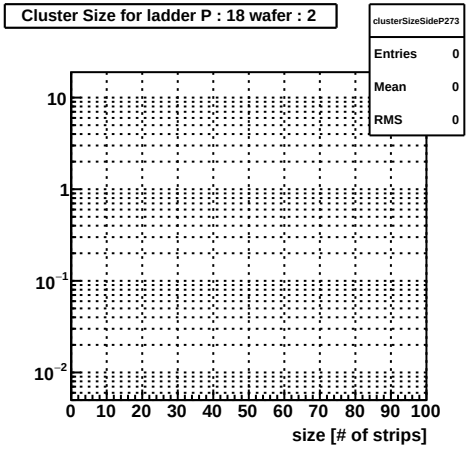

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2406
Mean 1.603
RMS 0.7806
size [# of strips]

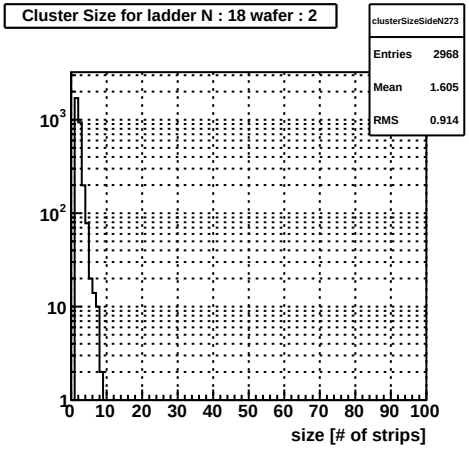

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3083
Mean 1.565
RMS 0.9094
size [# of strips]

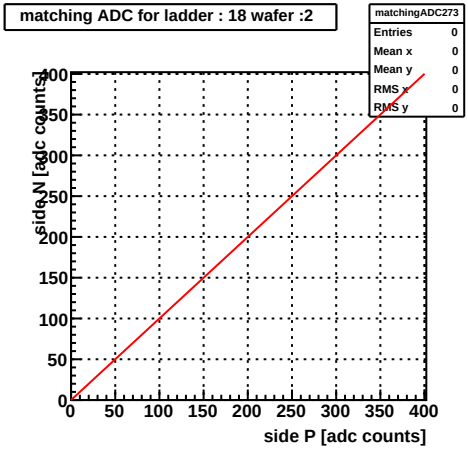

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 15
Mean x 88.73
Mean y 92.2
RMS x 45.65
RMS y 84.88
side N [adc counts]
side P [adc counts]

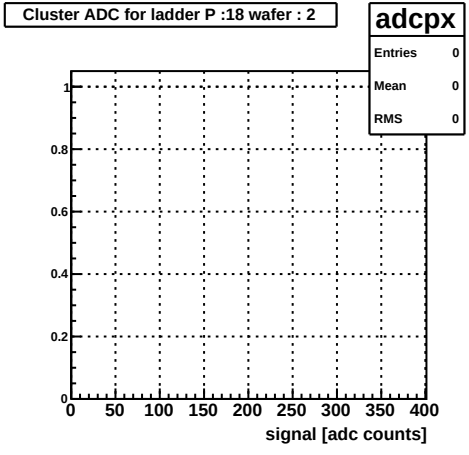

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2406
Mean 113.9
RMS 66.66
signal [adc counts]

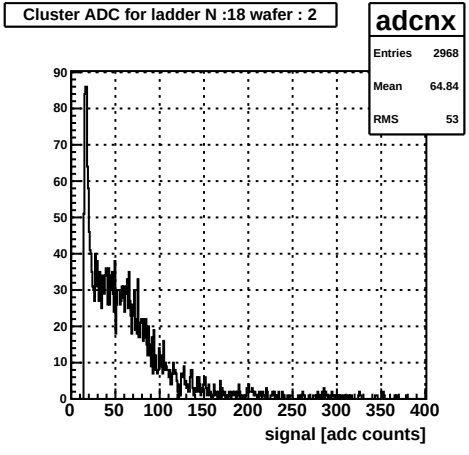

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3083
Mean 60.03
RMS 50.9
signal [adc counts]

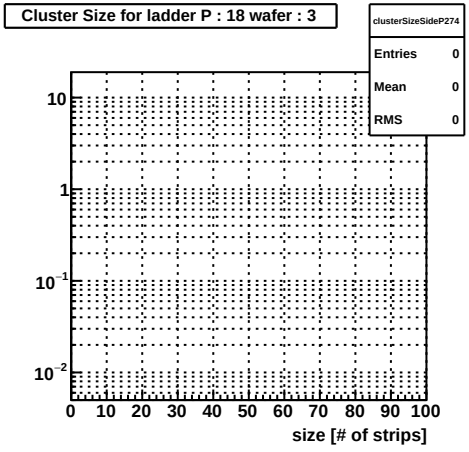

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

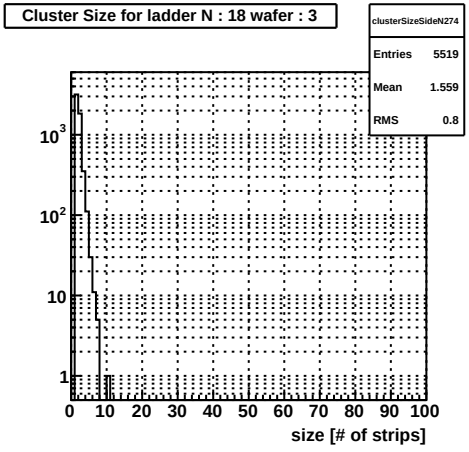

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2968
Mean 1.605
RMS 0.914
size [# of strips]

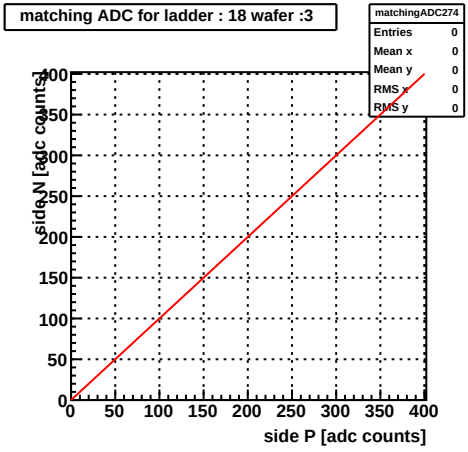

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

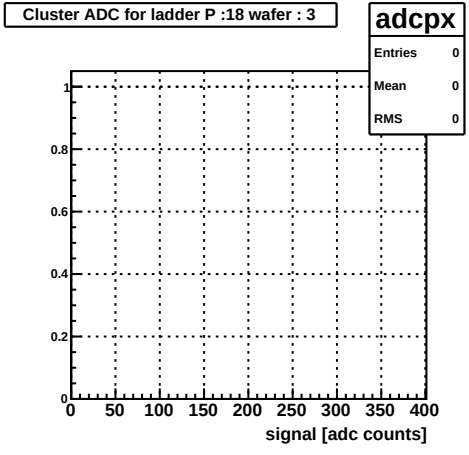

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

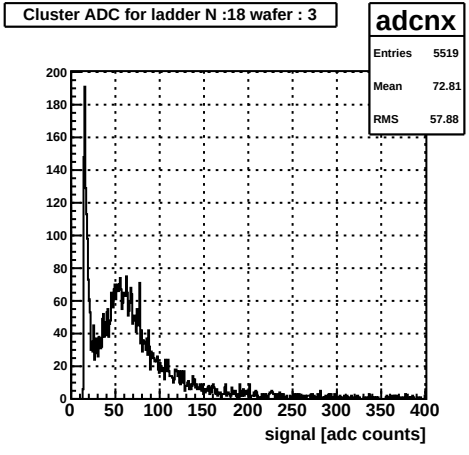

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2968
Mean 64.84
RMS 53
signal [adc counts]

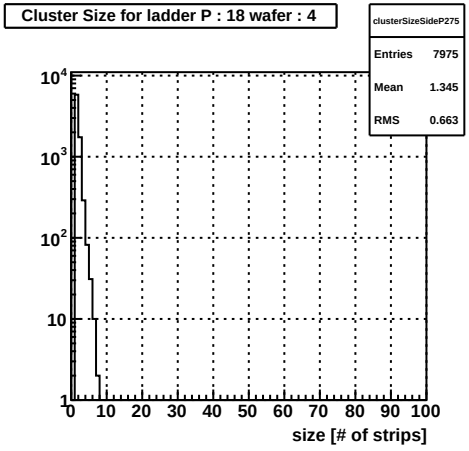

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

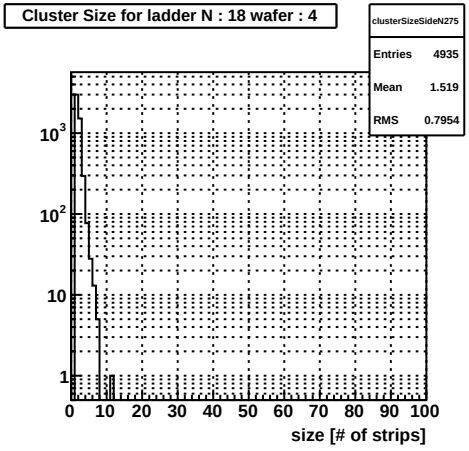

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 5519
Mean 1.559
RMS 0.8
size [# of strips]

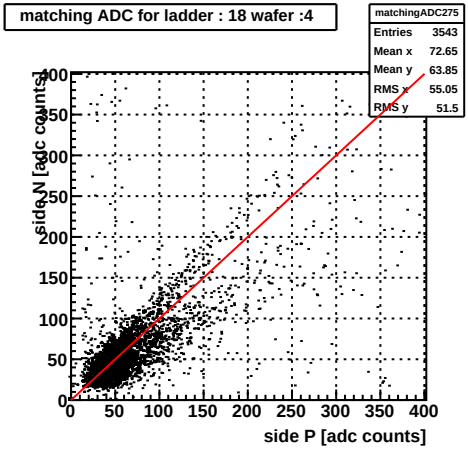

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

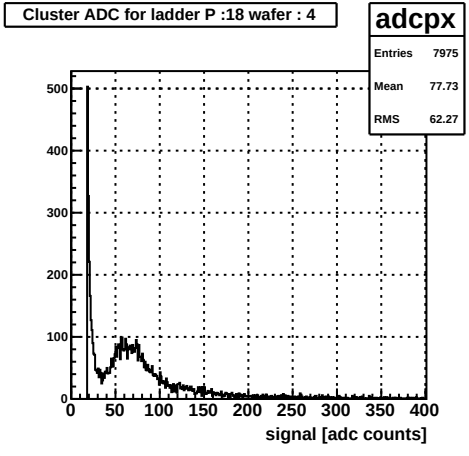

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

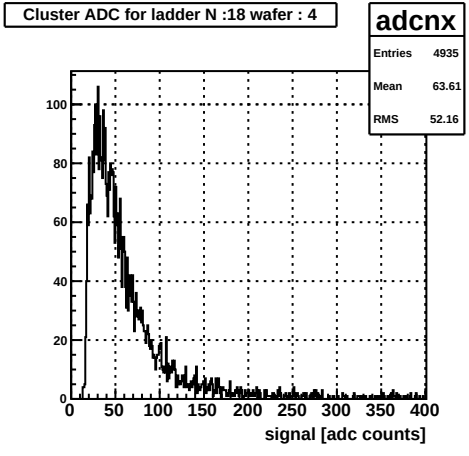

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 5519
Mean 72.81
RMS 57.88
signal [adc counts]

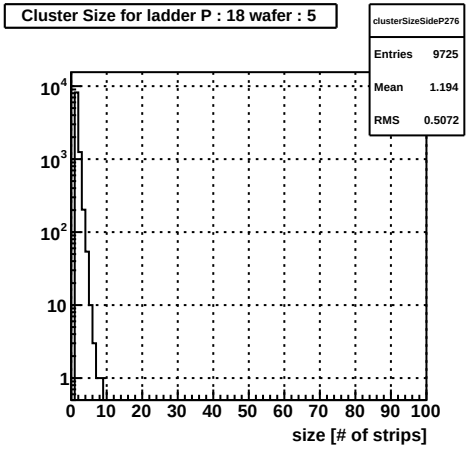

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 7975
Mean 1.345
RMS 0.663
size [# of strips]

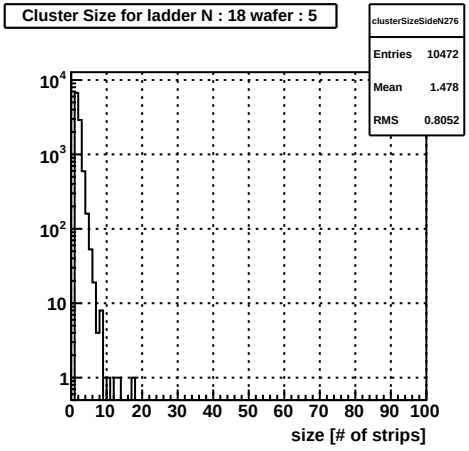

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 4935
Mean 1.519
RMS 0.7954
size [# of strips]

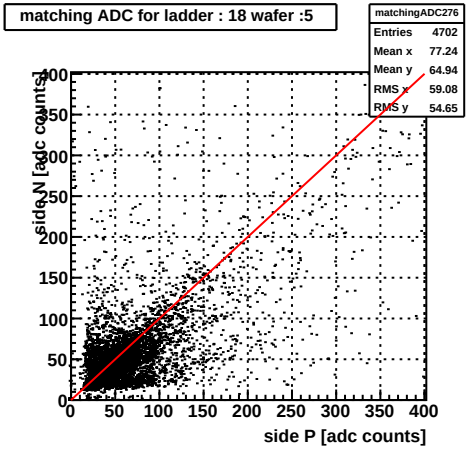

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 3543
Mean x 72.65
Mean y 63.85
RMS x 55.05
RMS y 51.5
side N [adc counts]
side P [adc counts]

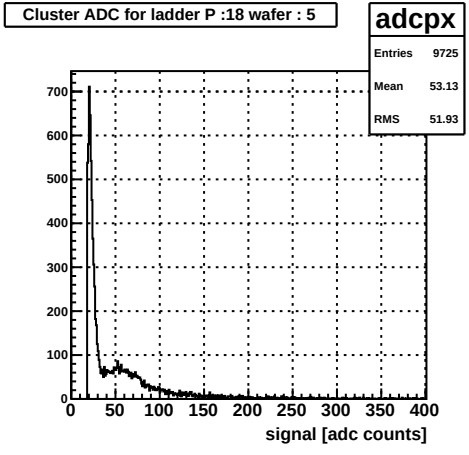

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 7975
Mean 77.73
RMS 62.27
signal [adc counts]

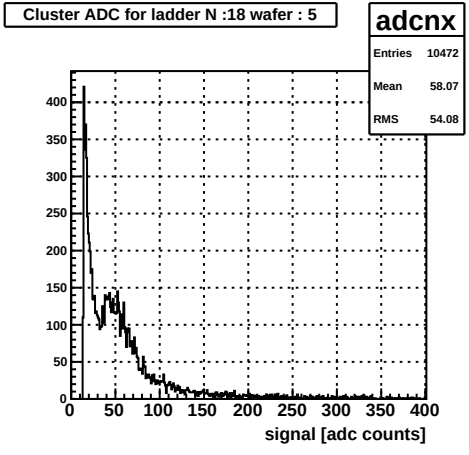

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 4935
Mean 63.61
RMS 52.16
signal [adc counts]

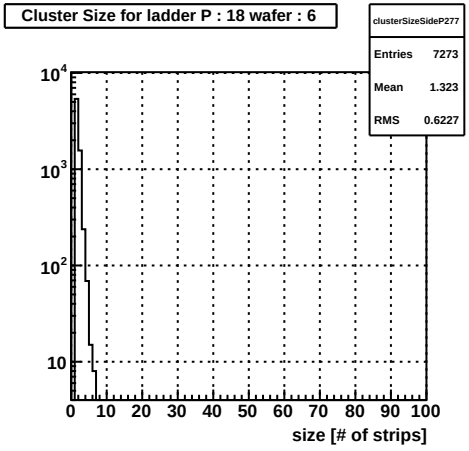

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 9725
Mean 1.194
RMS 0.5072
size [# of strips]

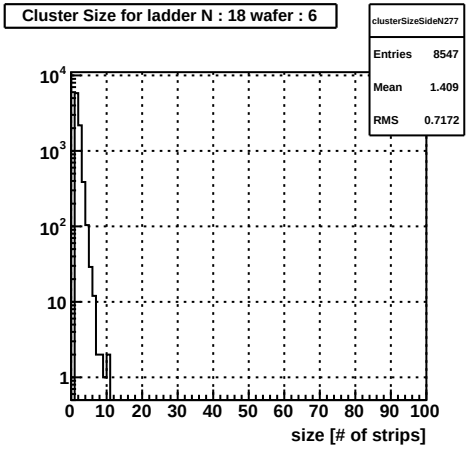

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 10472
Mean 1.478
RMS 0.8052
size [# of strips]

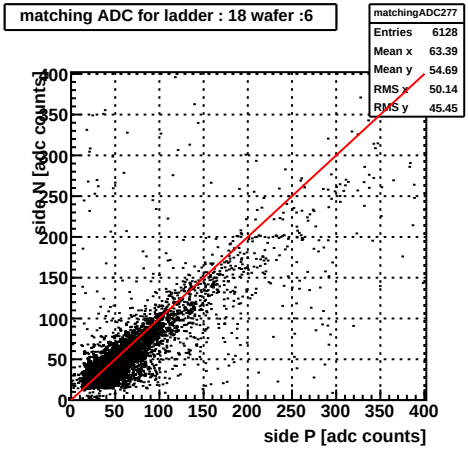

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 4702
Mean x 77.24
Mean y 64.94
RMS x 59.08
RMS y 54.65
side N [adc counts]
side P [adc counts]

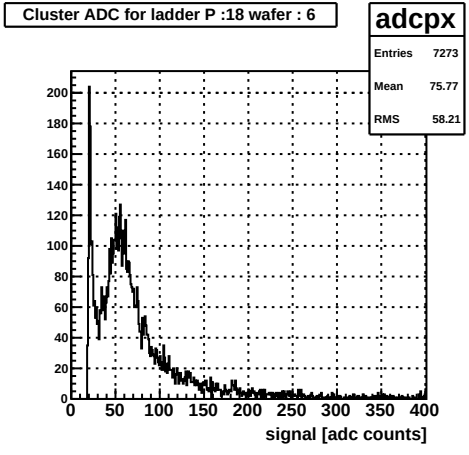

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 9725
Mean 53.13
RMS 51.93
signal [adc counts]

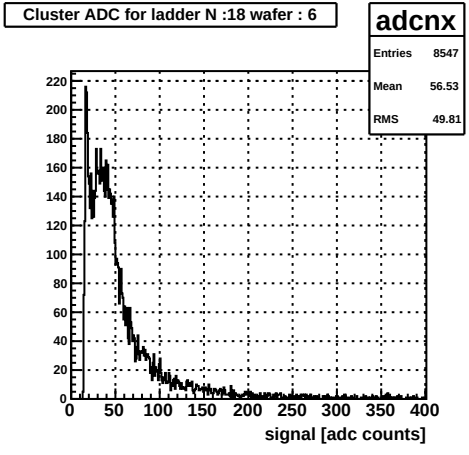

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 10472
Mean 58.07
RMS 54.08
signal [adc counts]

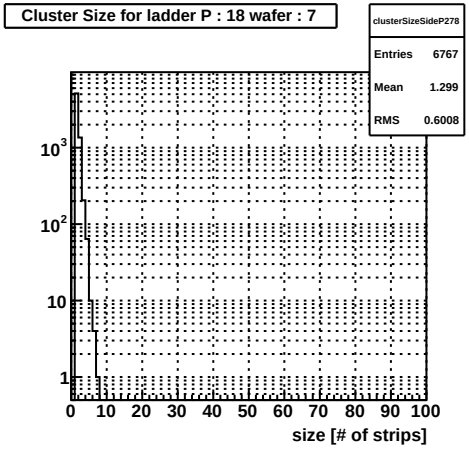

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 7273
Mean 1.323
RMS 0.6227
size [# of strips]

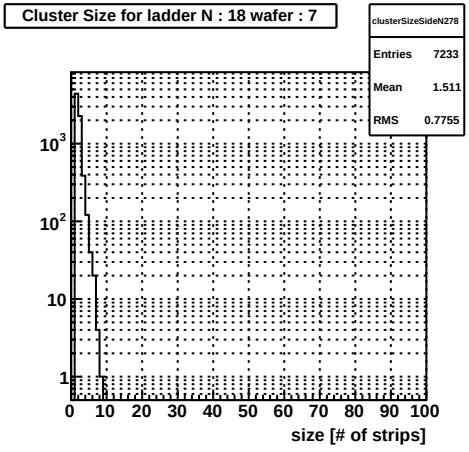

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 8547
Mean 1.409
RMS 0.7172
size [# of strips]

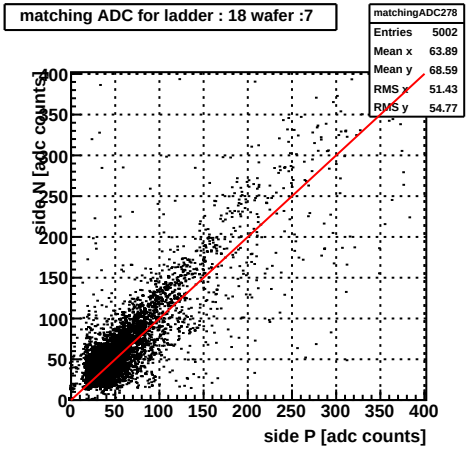

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 6128
Mean x 63.39
Mean y 54.69
RMS x 50.14
RMS y 45.45
side N [adc counts]
side P [adc counts]

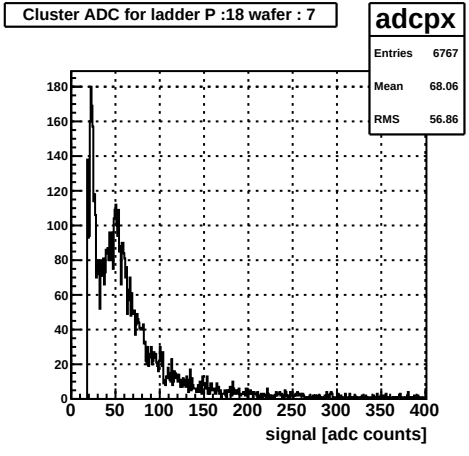

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 7273
Mean 75.77
RMS 58.21
signal [adc counts]

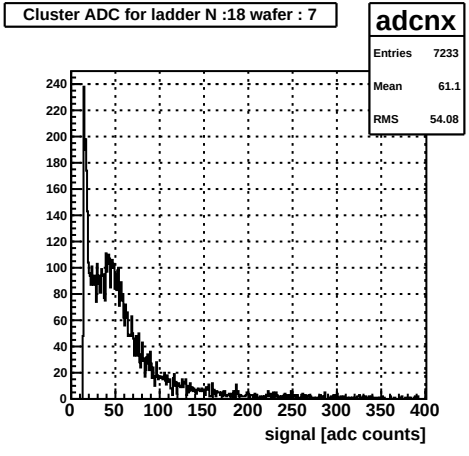

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 8547
Mean 56.53
RMS 49.81
signal [adc counts]

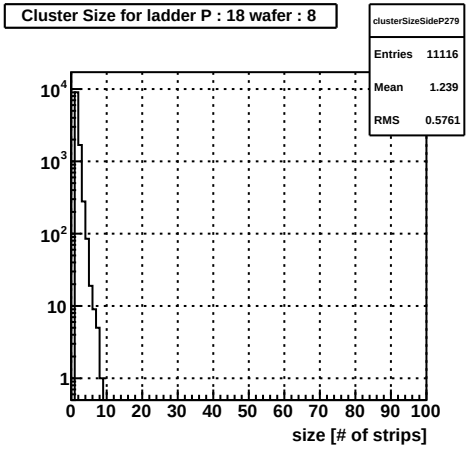

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6767
Mean 1.299
RMS 0.6008
size [# of strips]

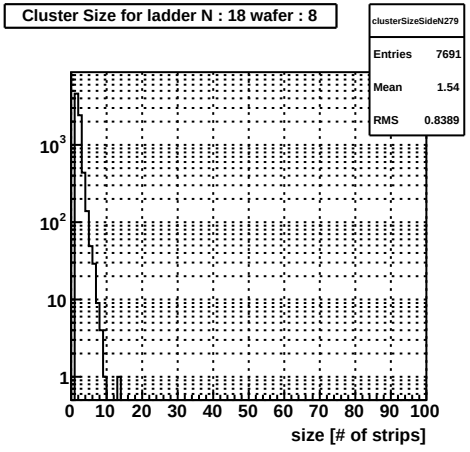

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 7233
Mean 1.511
RMS 0.7755
size [# of strips]

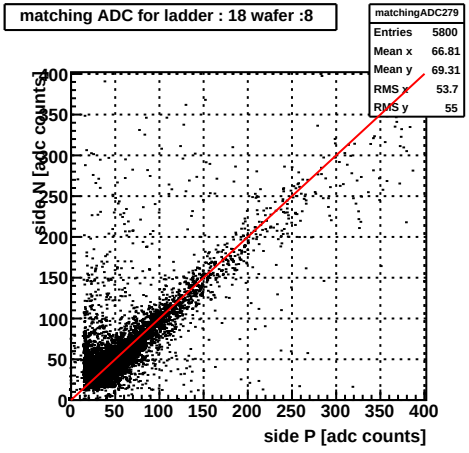

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 5002
Mean x 63.89
Mean y 68.59
RMS x 51.43
RMS y 54.77
side N [adc counts]
side P [adc counts]

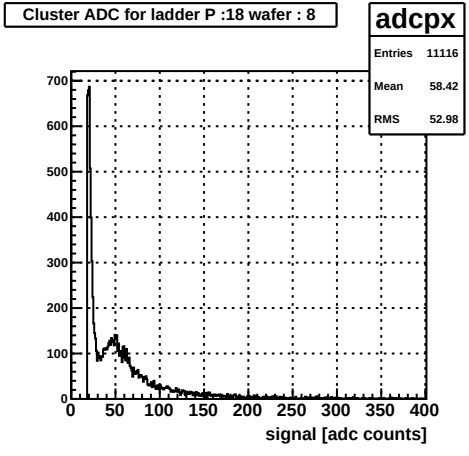

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6767
Mean 68.06
RMS 56.86
signal [adc counts]

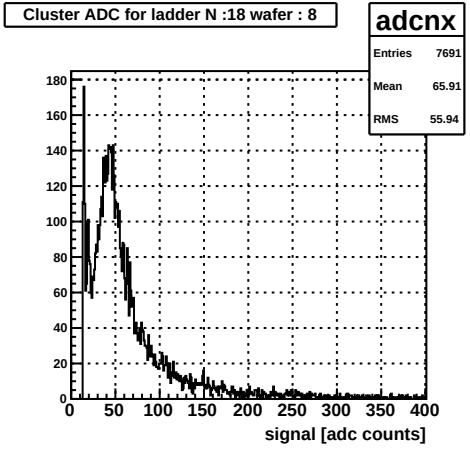

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 7233
Mean 61.1
RMS 54.08
signal [adc counts]

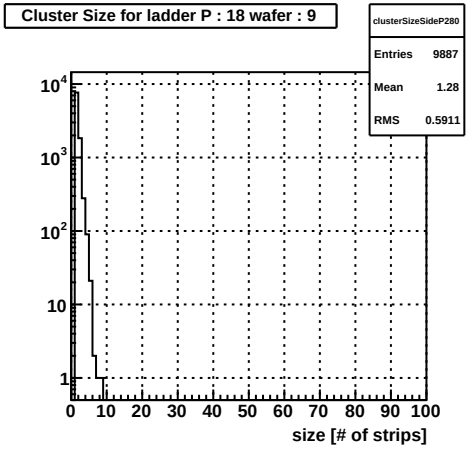

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11116
Mean 1.239
RMS 0.5761
size [# of strips]

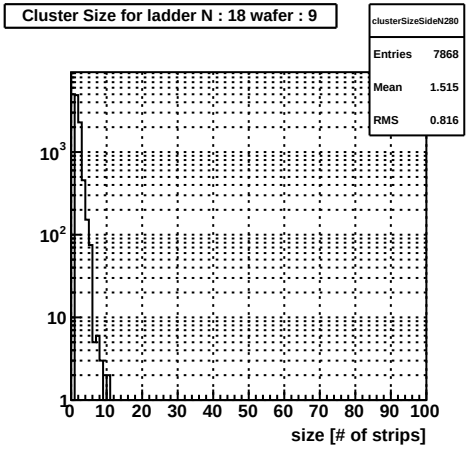

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 7691
Mean 1.54
RMS 0.8389
size [# of strips]

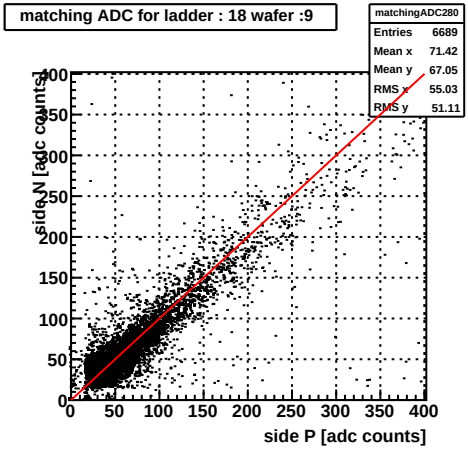

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 5800
Mean x 66.81
Mean y 69.31
RMS x 53.7
RMS y 55
side N [adc counts]
side P [adc counts]

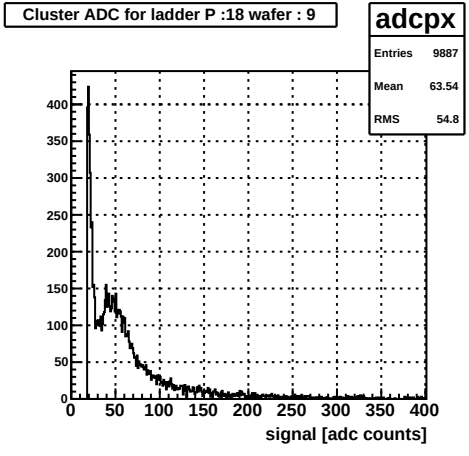

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11116
Mean 58.42
RMS 52.98
signal [adc counts]

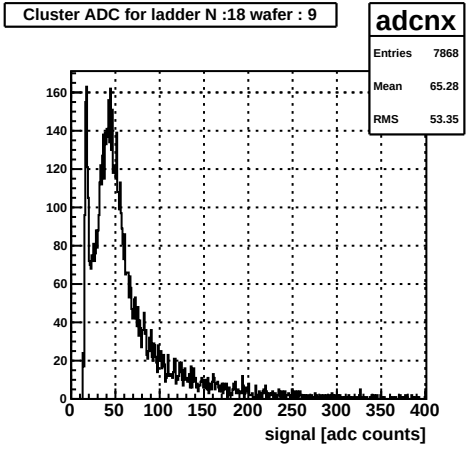

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 7691
Mean 65.91
RMS 55.94
signal [adc counts]

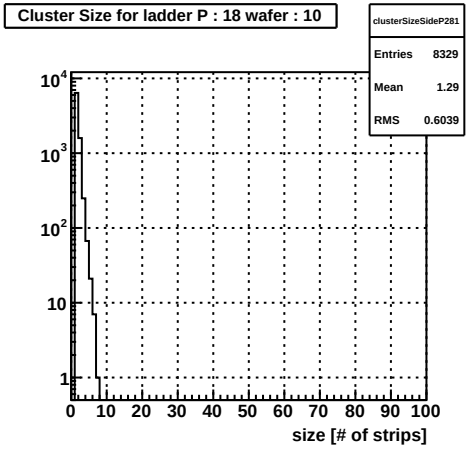

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 9887
Mean 1.28
RMS 0.5911
size [# of strips]

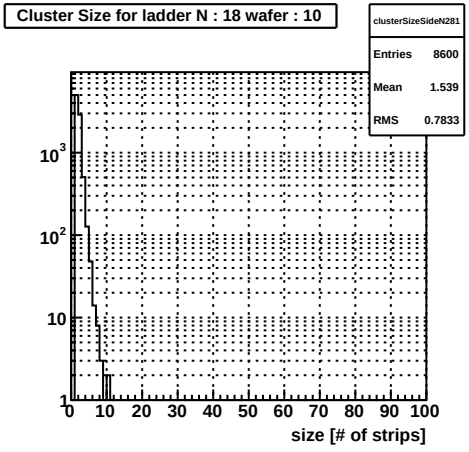

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 7868
Mean 1.515
RMS 0.816
size [# of strips]

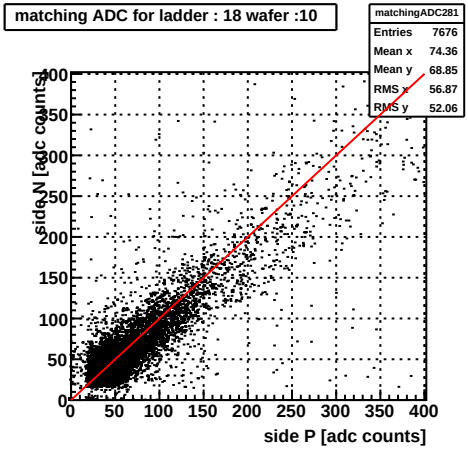

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 6689
Mean x 71.42
Mean y 67.05
RMS x 55.03
RMS y 51.11
side N [adc counts]
side P [adc counts]

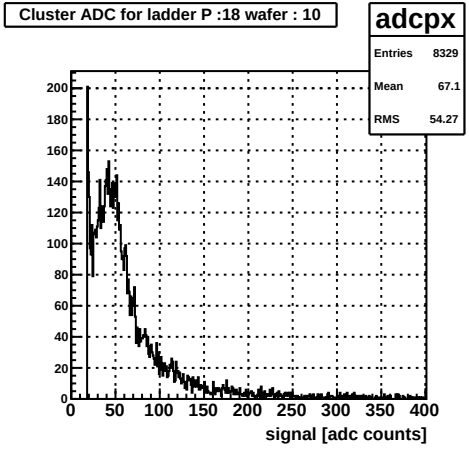

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 9887
Mean 63.54
RMS 54.8
signal [adc counts]

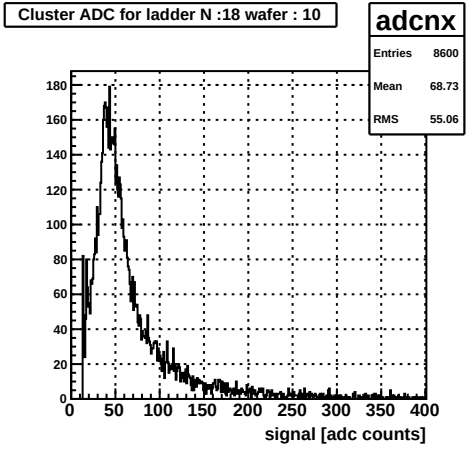

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 7868
Mean 65.28
RMS 53.35
signal [adc counts]

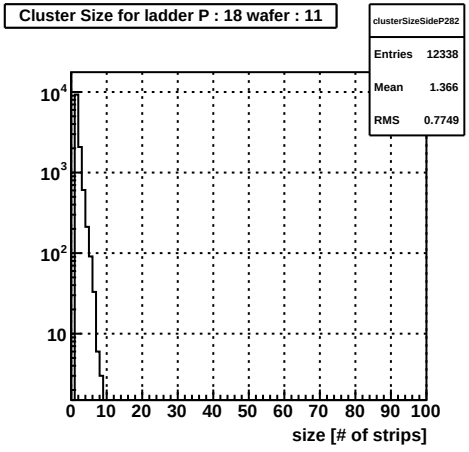

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 8329
Mean 1.29
RMS 0.6039
size [# of strips]

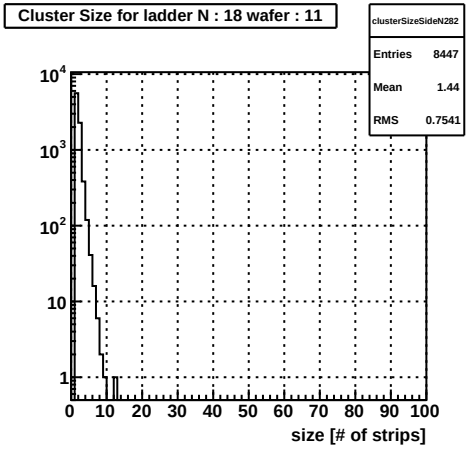

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 8600
Mean 1.539
RMS 0.7833
size [# of strips]

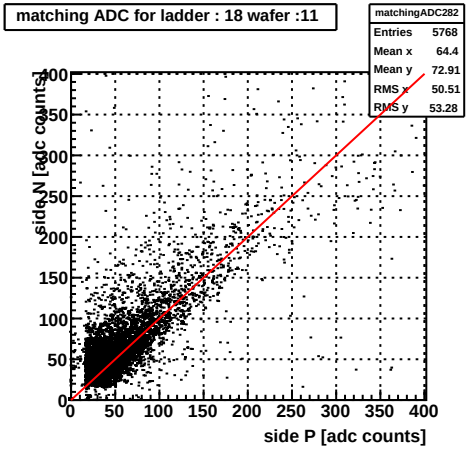

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 7676
Mean x 74.36
Mean y 68.85
RMS x 56.87
RMS y 52.06
side N [adc counts]
side P [adc counts]

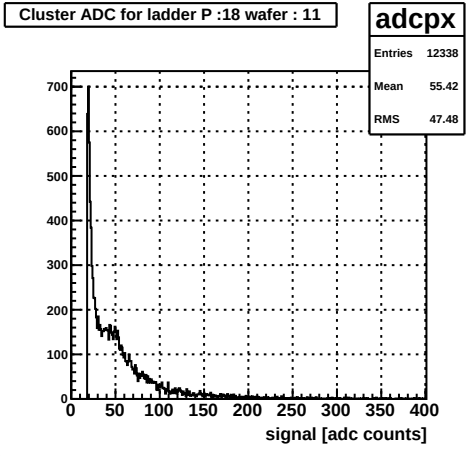

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 8329
Mean 67.1
RMS 54.27
signal [adc counts]

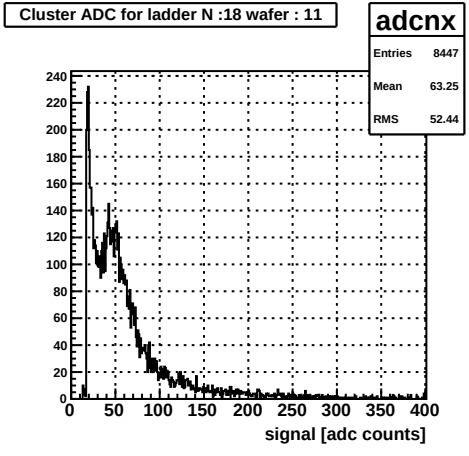

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 8600
Mean 68.73
RMS 55.06
signal [adc counts]

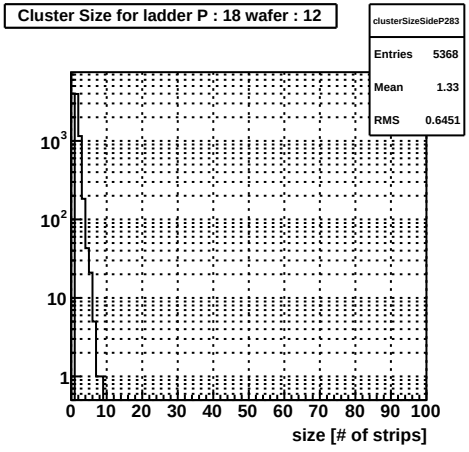

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 12338
Mean 1.366
RMS 0.7749
size [# of strips]

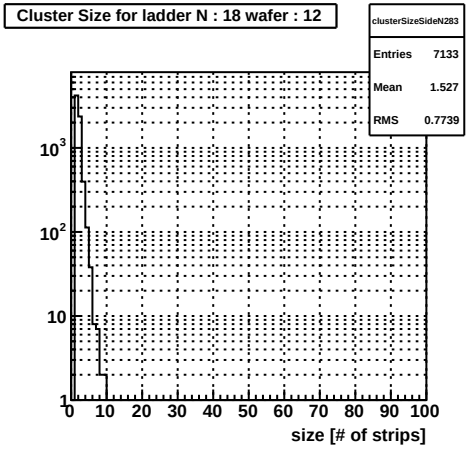

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 8447
Mean 1.44
RMS 0.7541
size [# of strips]

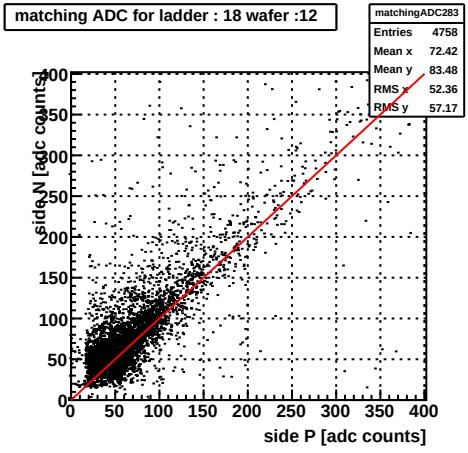

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 5768
Mean x 64.4
Mean y 72.91
RMS x 50.51
RMS y 53.28
side N [adc counts]
side P [adc counts]

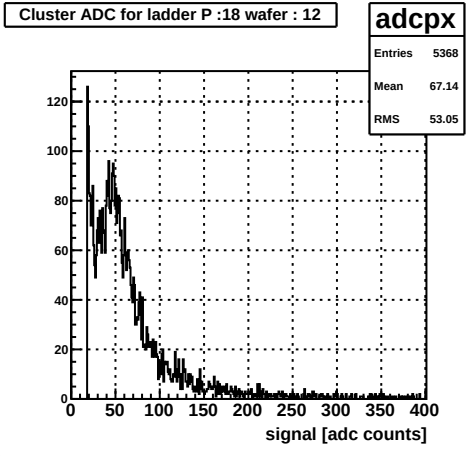

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 12338
Mean 55.42
RMS 47.48
signal [adc counts]

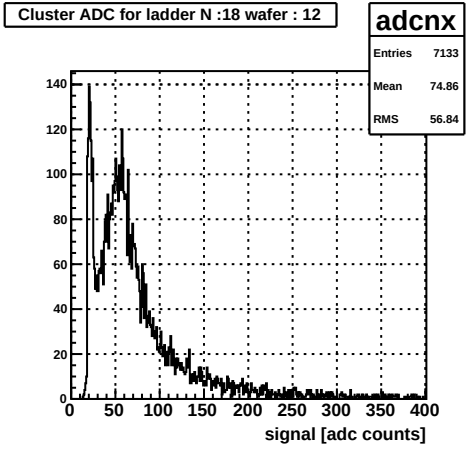

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 8447
Mean 63.25
RMS 52.44
signal [adc counts]

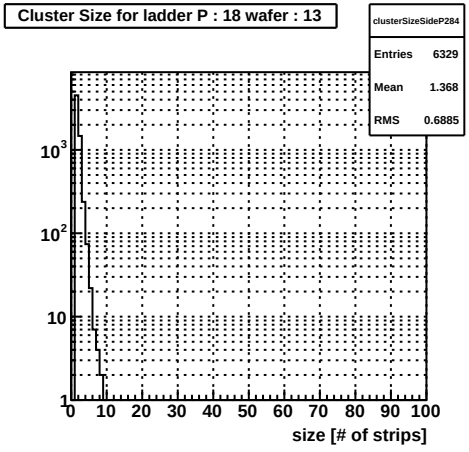

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 5368
Mean 1.33
RMS 0.6451
size [# of strips]

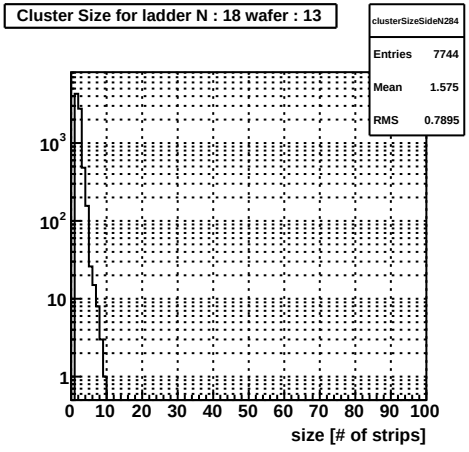

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 7133
Mean 1.527
RMS 0.7739
size [# of strips]

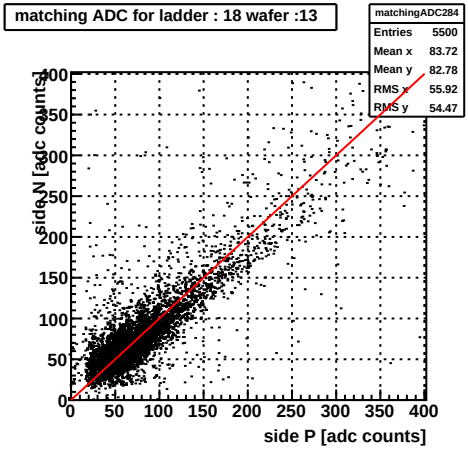

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 4758
Mean x 72.42
Mean y 83.48
RMS x 52.36
RMS y 57.17
side N [adc counts]
side P [adc counts]

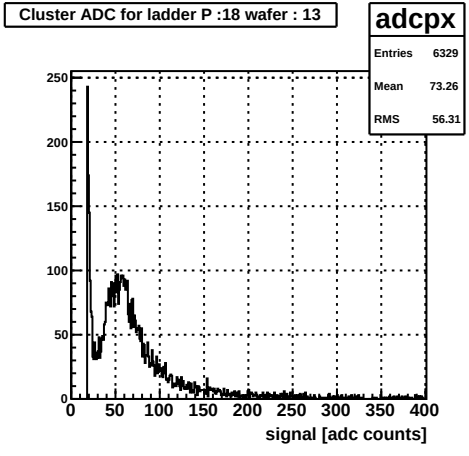

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 5368
Mean 67.14
RMS 53.05
signal [adc counts]

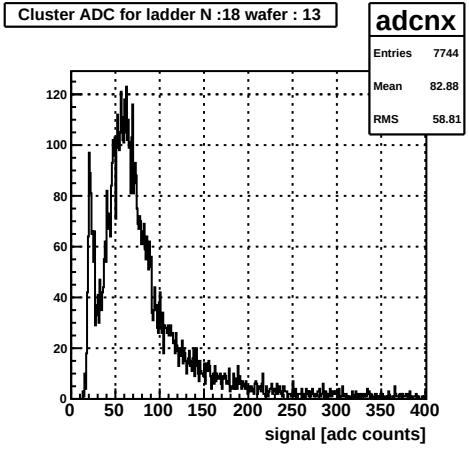

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 7133
Mean 74.86
RMS 56.84
signal [adc counts]

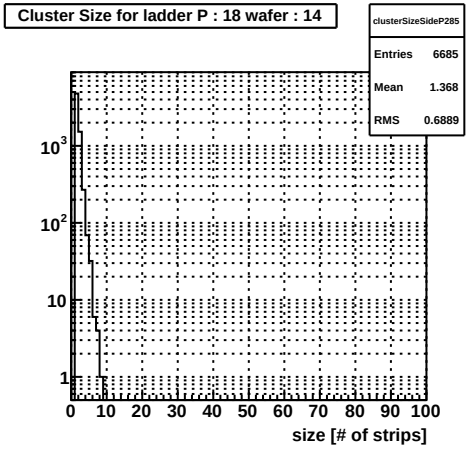

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 6329
Mean 1.368
RMS 0.6885
size [# of strips]

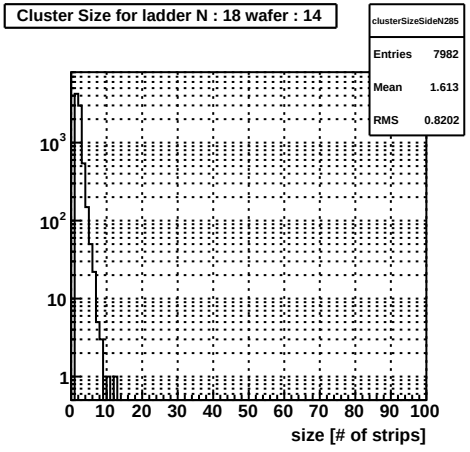

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 7744
Mean 1.575
RMS 0.7895
size [# of strips]

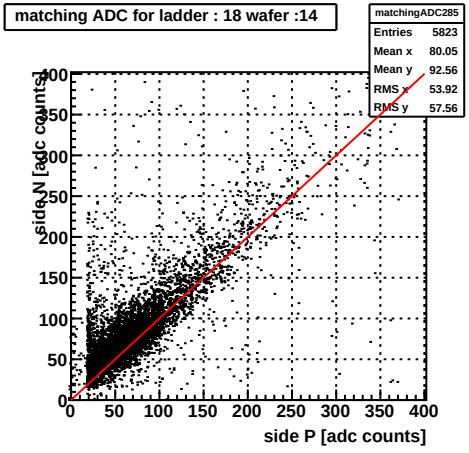

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 5500
Mean x 83.72
Mean y 82.78
RMS x 55.92
RMS y 54.47
side N [adc counts]
side P [adc counts]

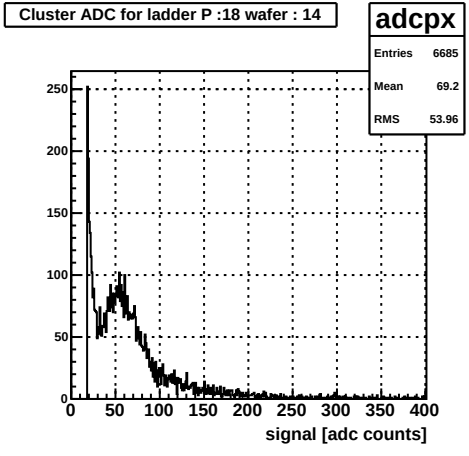

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 6329
Mean 73.26
RMS 56.31
signal [adc counts]

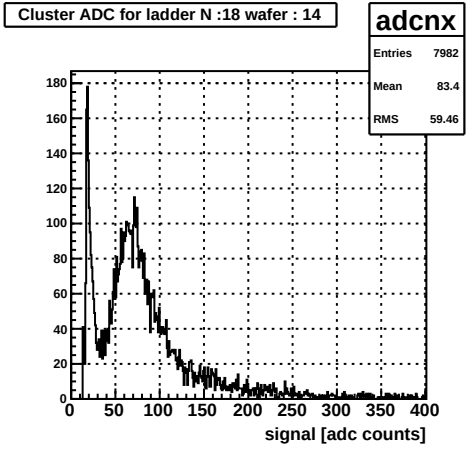

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 7744
Mean 82.88
RMS 58.81
signal [adc counts]

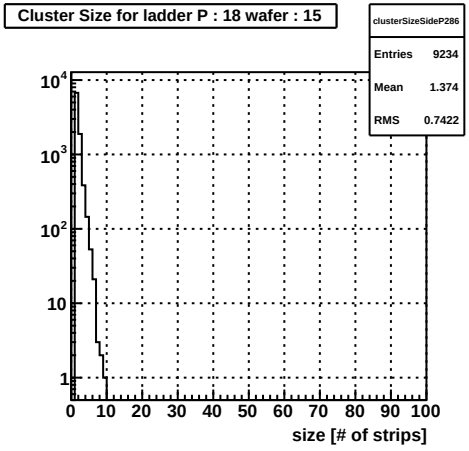

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 6685
Mean 1.368
RMS 0.6889
size [# of strips]

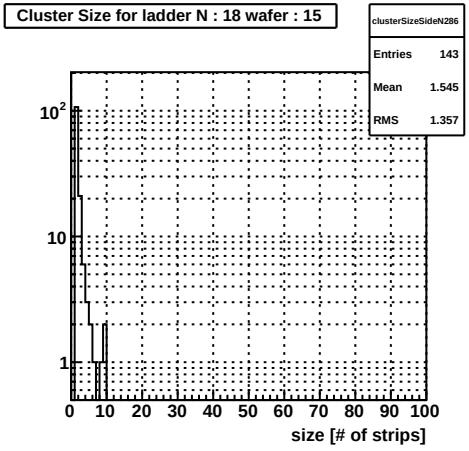

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 7982
Mean 1.613
RMS 0.8202
size [# of strips]

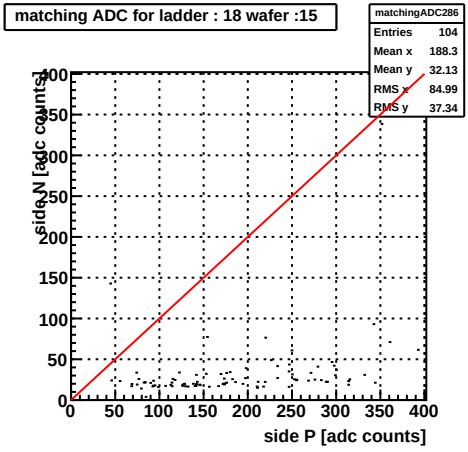

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 5823
Mean x 80.05
Mean y 92.56
RMS x 53.92
RMS y 57.56
side N [adc counts]
side P [adc counts]

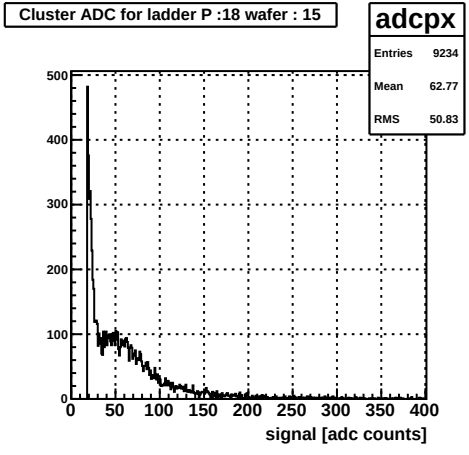

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 6685
Mean 69.2
RMS 53.96
signal [adc counts]

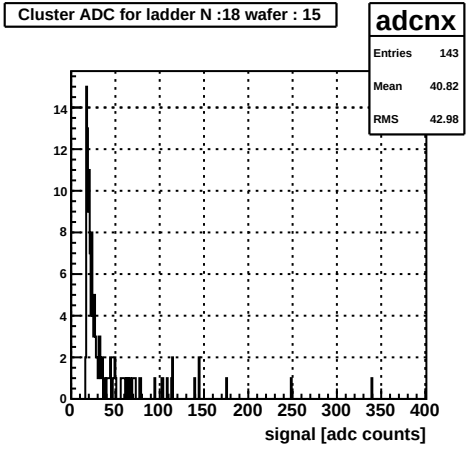

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 7982
Mean 83.4
RMS 59.46
signal [adc counts]

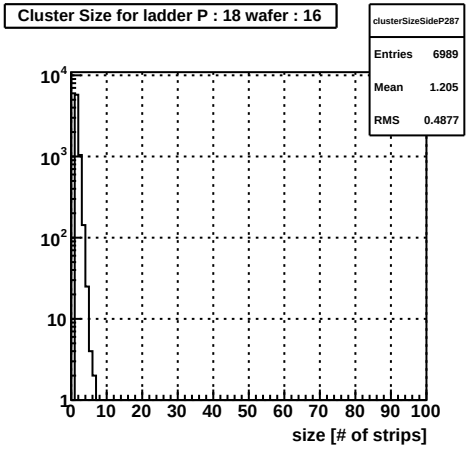

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 9234
Mean 1.374
RMS 0.7422
size [# of strips]

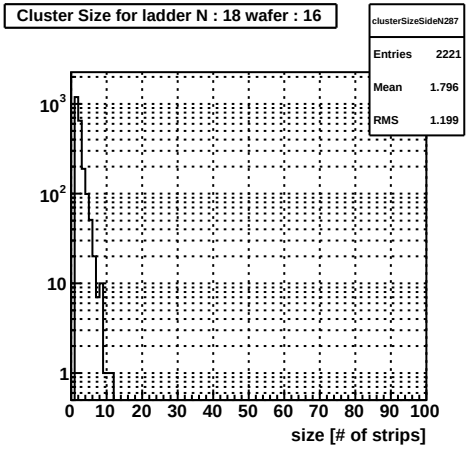

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 143
Mean 1.545
RMS 1.357
size [# of strips]

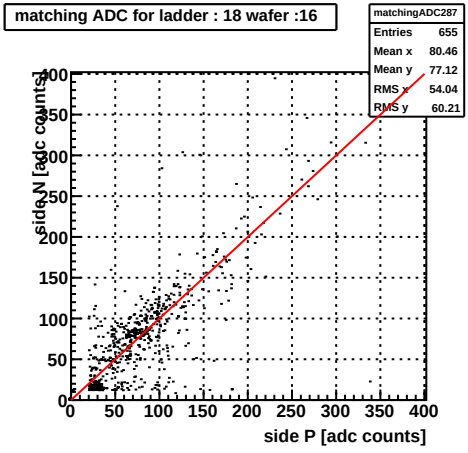

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 104
Mean x 188.3
Mean y 32.13
RMS x 84.99
RMS y 37.34
side N [adc counts]
side P [adc counts]

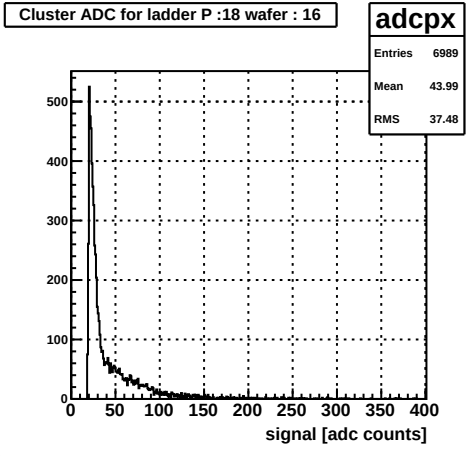

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 9234
Mean 62.77
RMS 50.83
signal [adc counts]

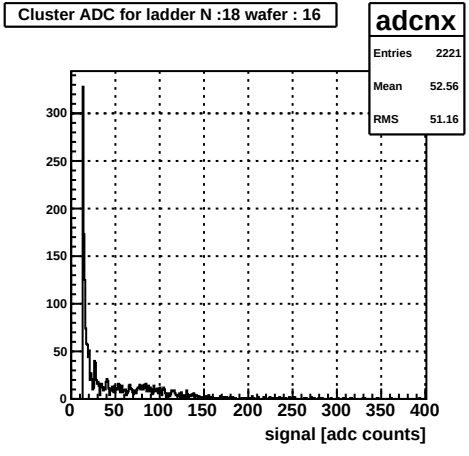

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 143
Mean 40.82
RMS 42.98
signal [adc counts]

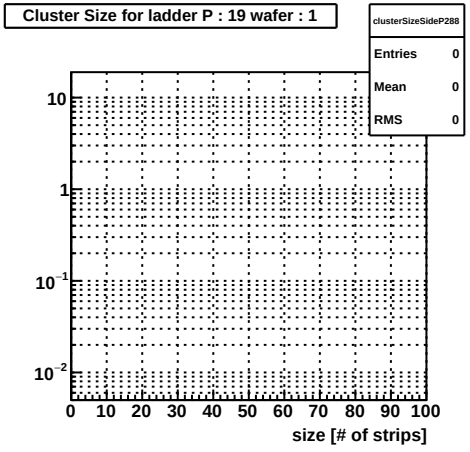

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6989
Mean 1.205
RMS 0.4877
size [# of strips]

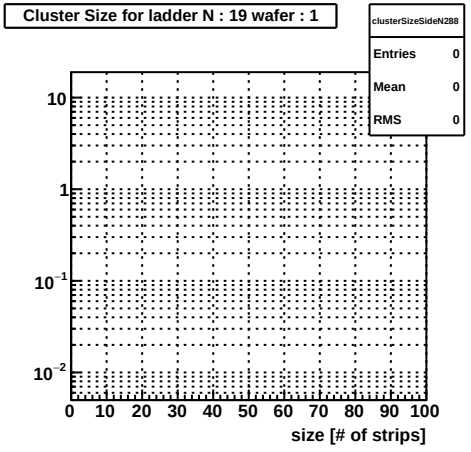

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2221
Mean 1.796
RMS 1.199
size [# of strips]

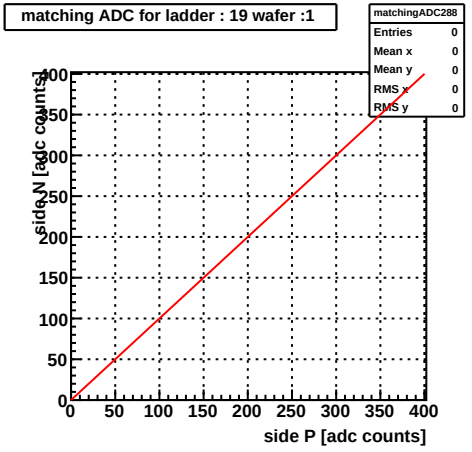

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 655
Mean x 80.46
Mean y 77.12
RMS x 54.04
RMS y 60.21
side N [adc counts]
side P [adc counts]

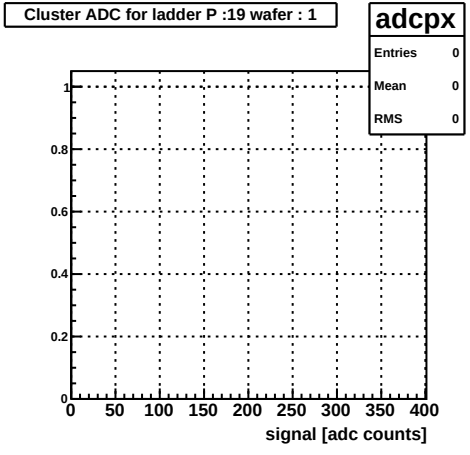

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6989
Mean 43.99
RMS 37.48
signal [adc counts]

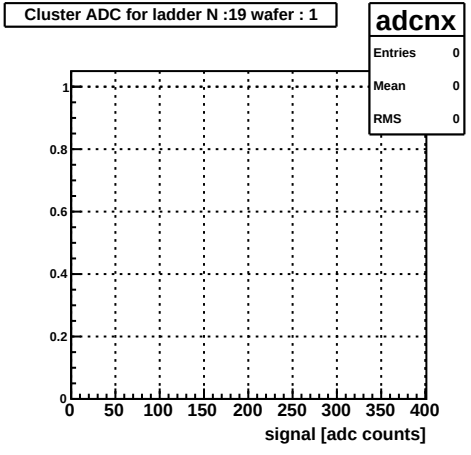

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2221
Mean 52.56
RMS 51.16
signal [adc counts]

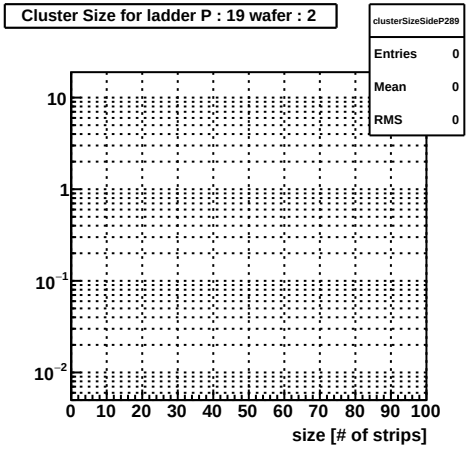

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

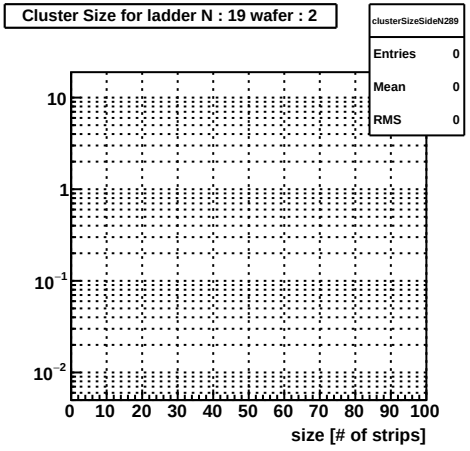

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

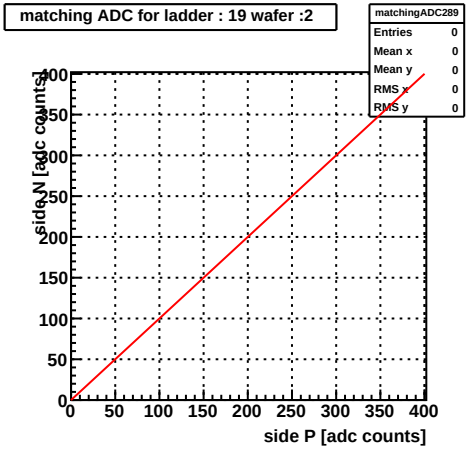

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

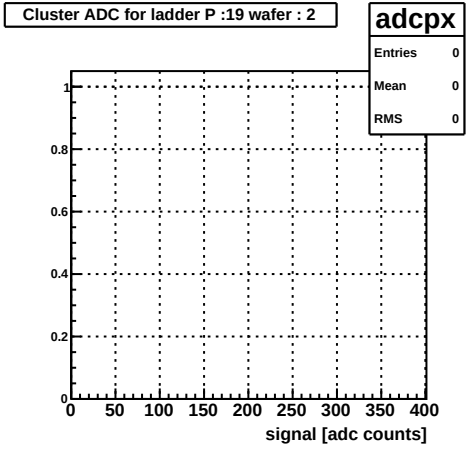

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

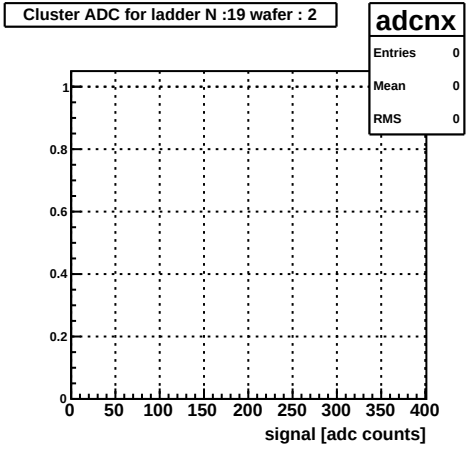

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

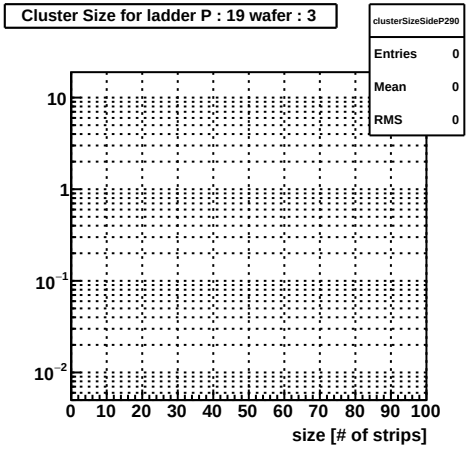

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

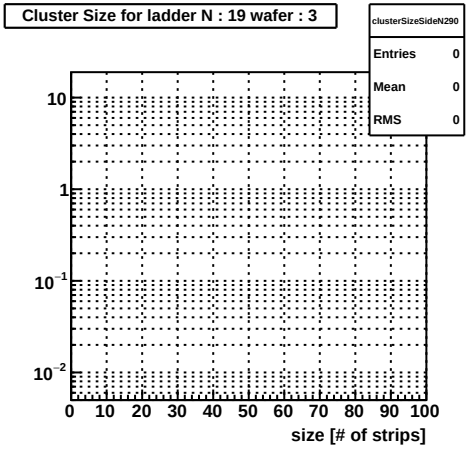

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

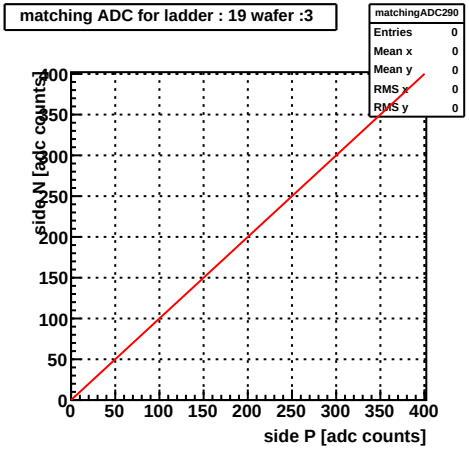

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

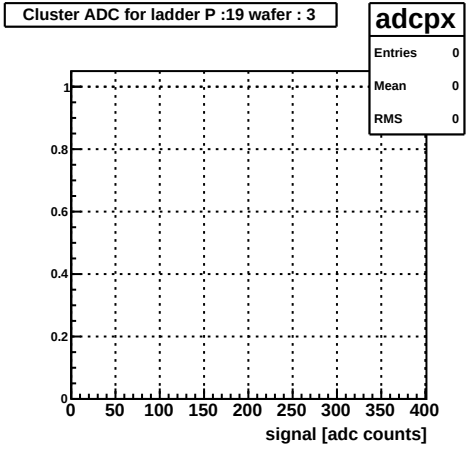

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

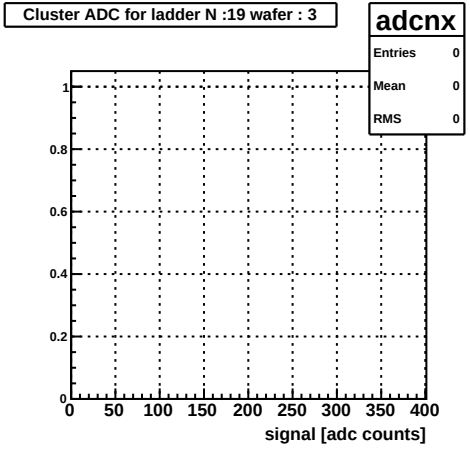

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

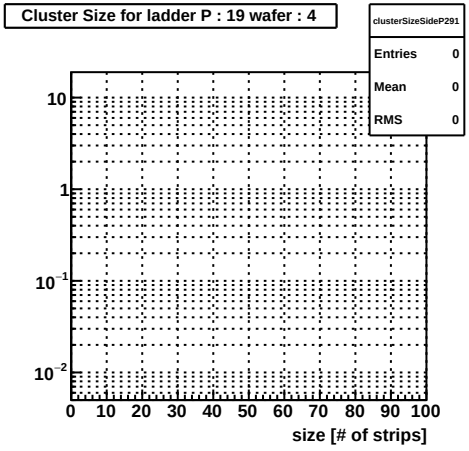

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

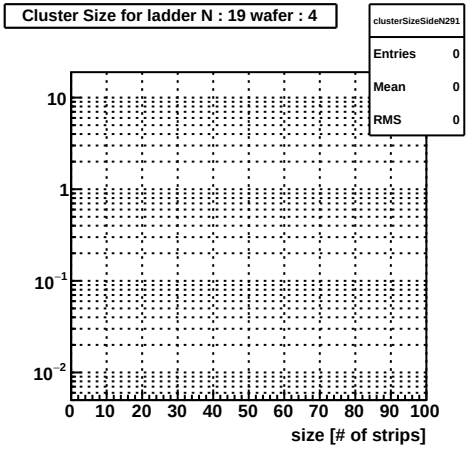

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

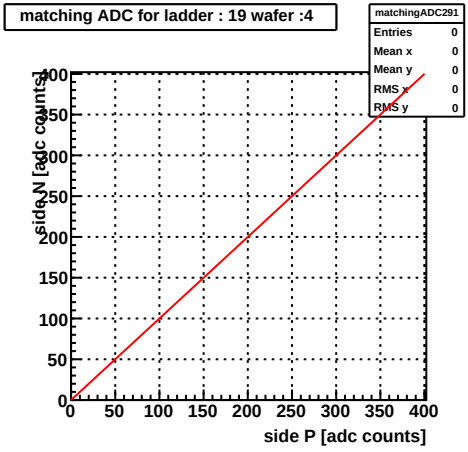

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

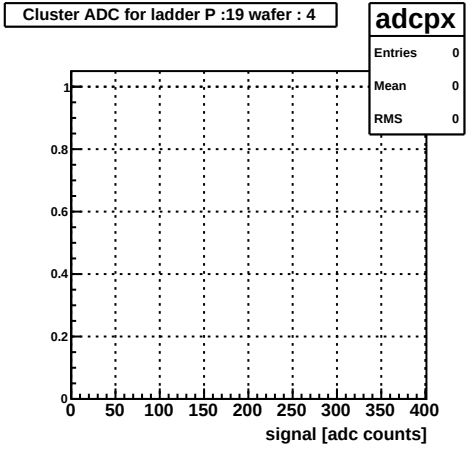

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

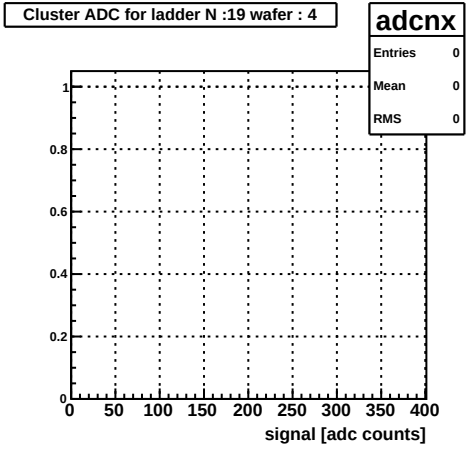

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

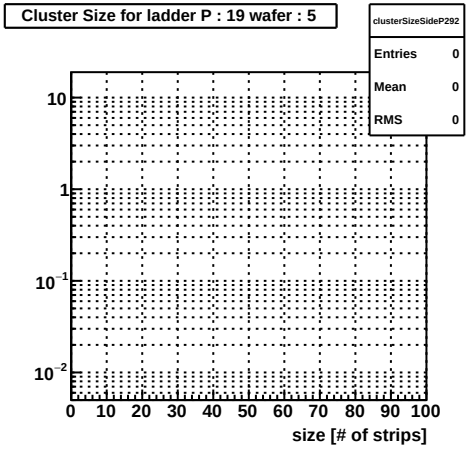

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

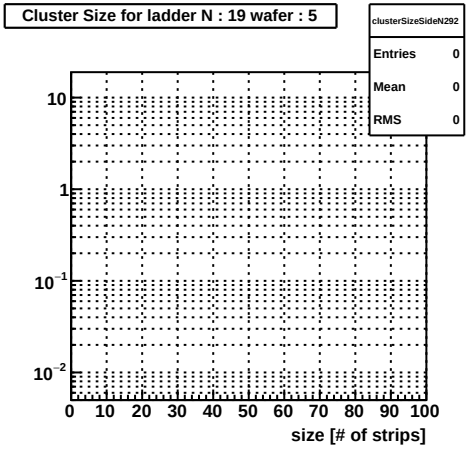

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

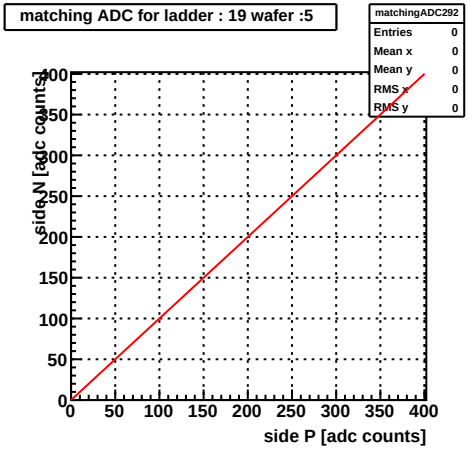

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

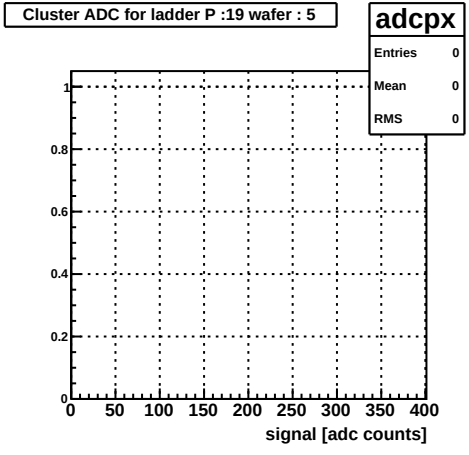

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

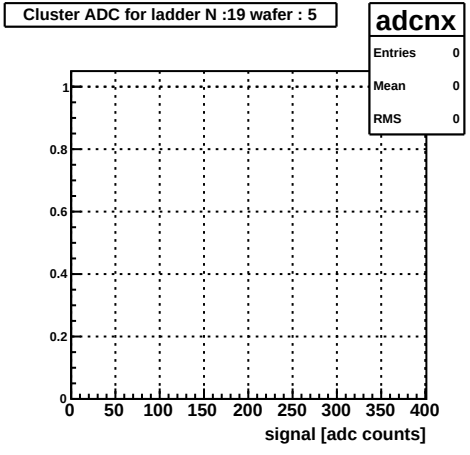

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

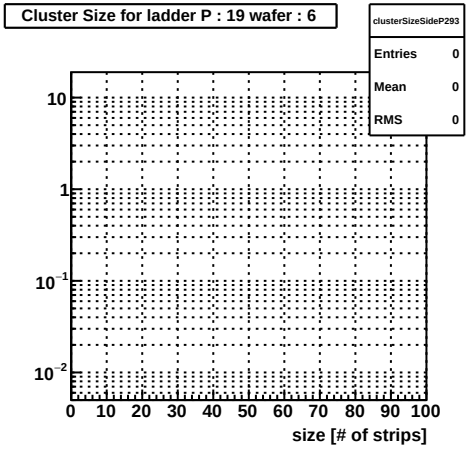

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

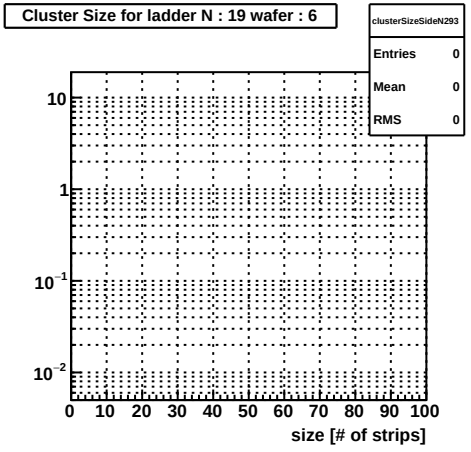

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

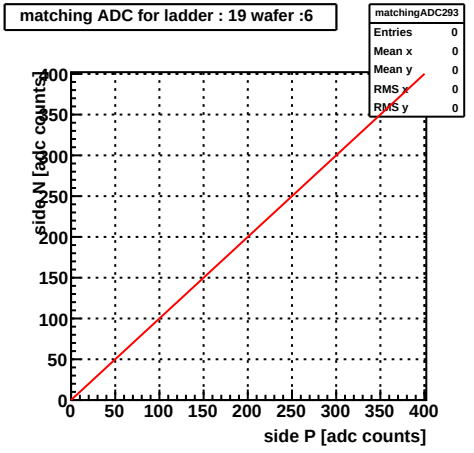

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

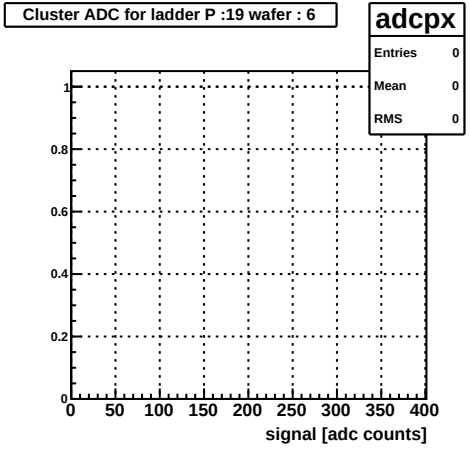

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

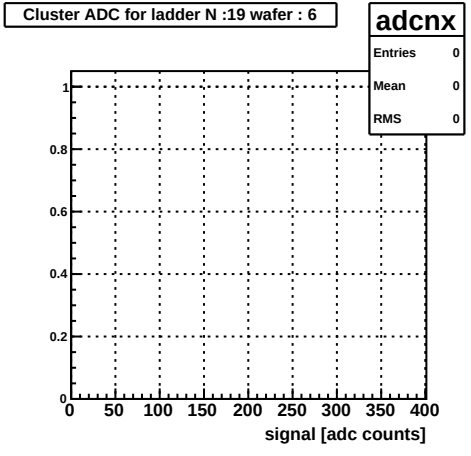

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

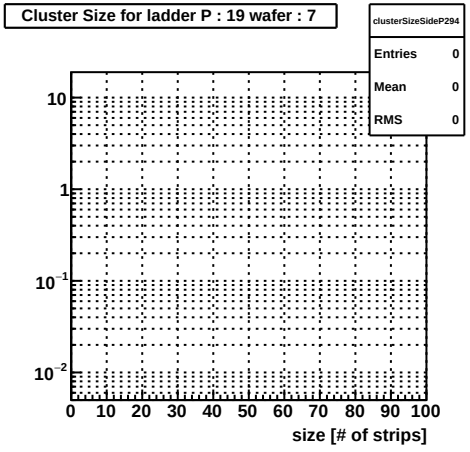

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

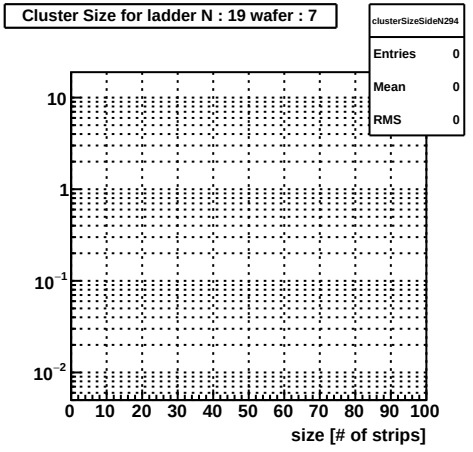

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

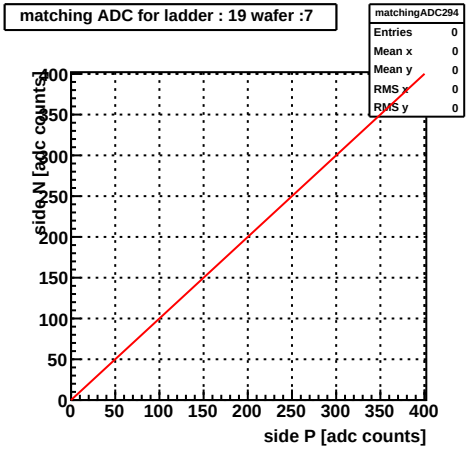

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

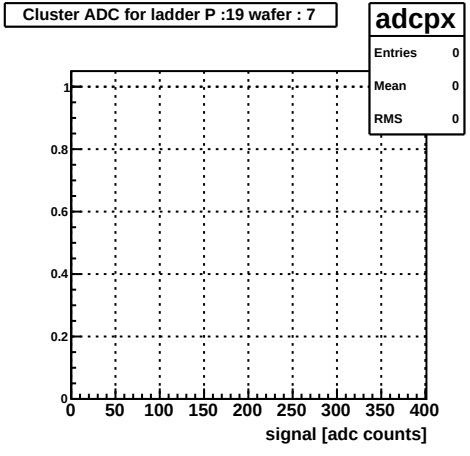

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

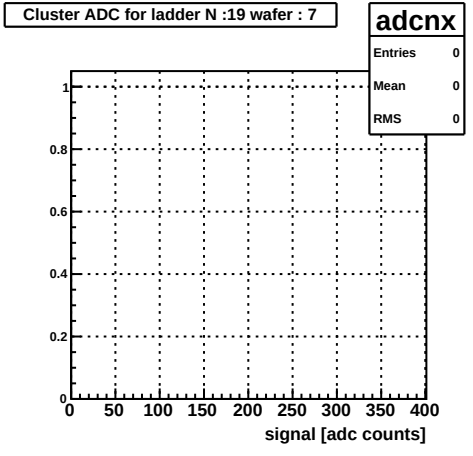

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

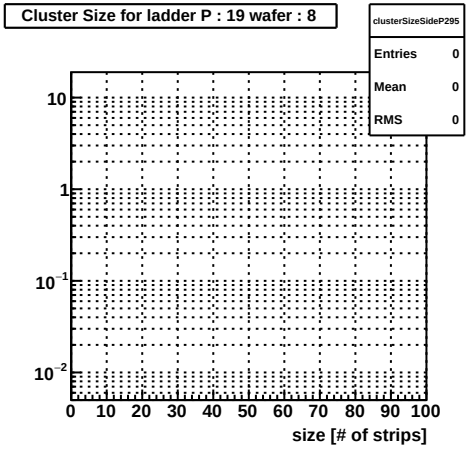

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

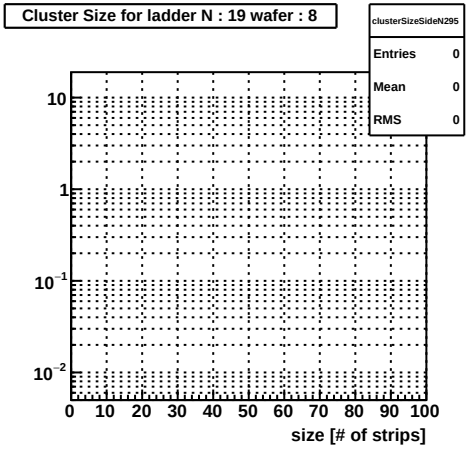

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

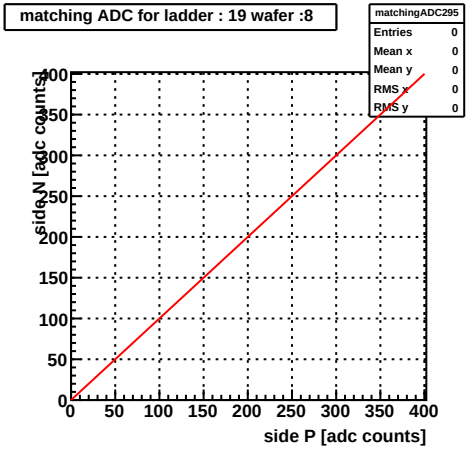

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

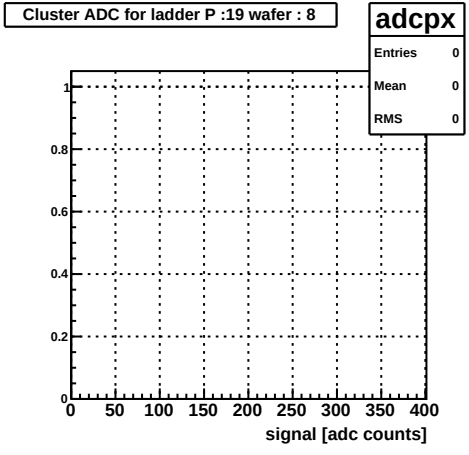

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

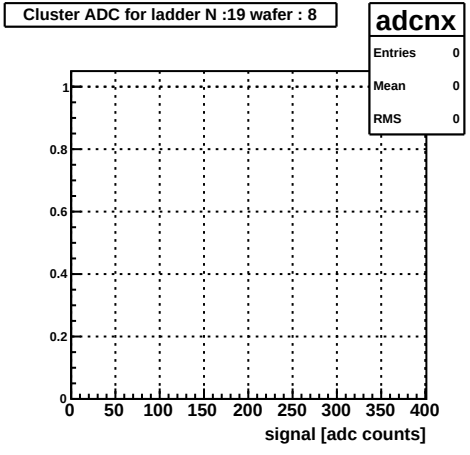

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

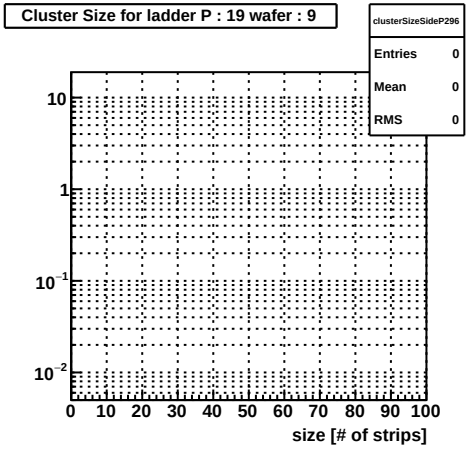

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

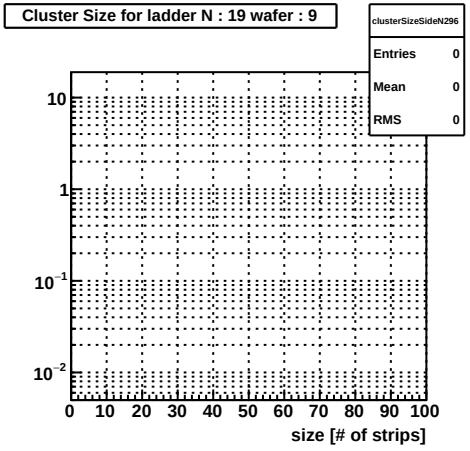

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

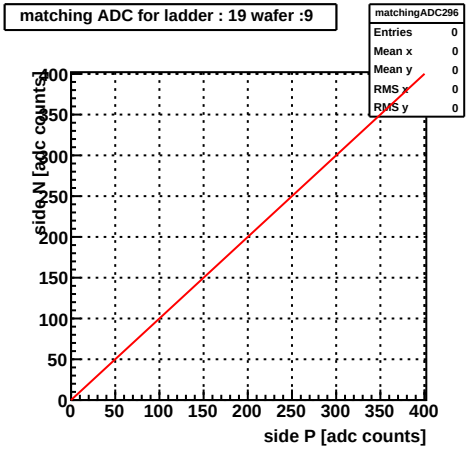

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

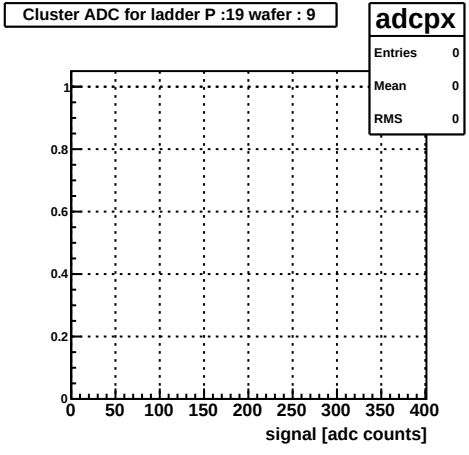

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

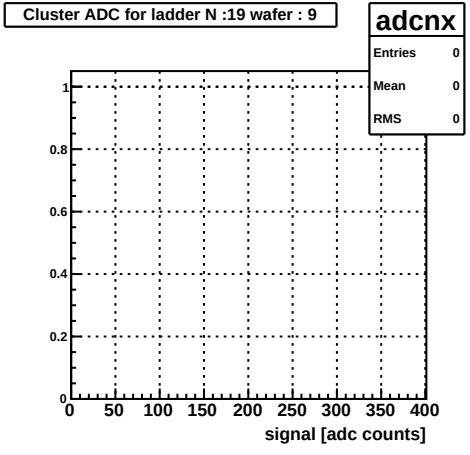

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

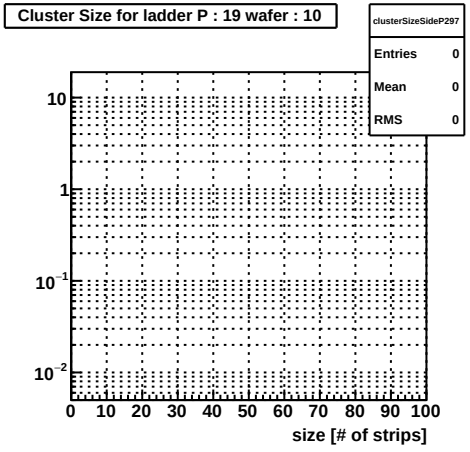

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

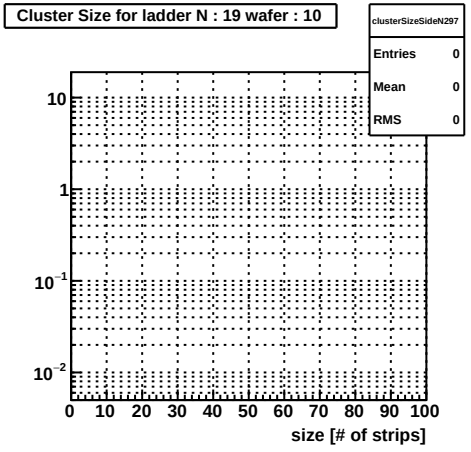

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

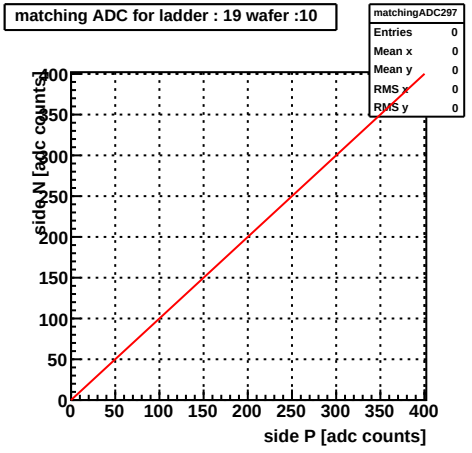

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

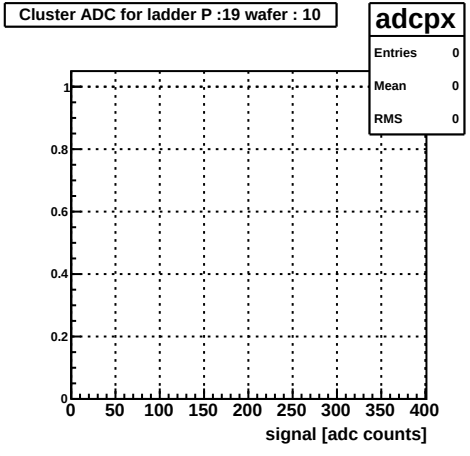

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

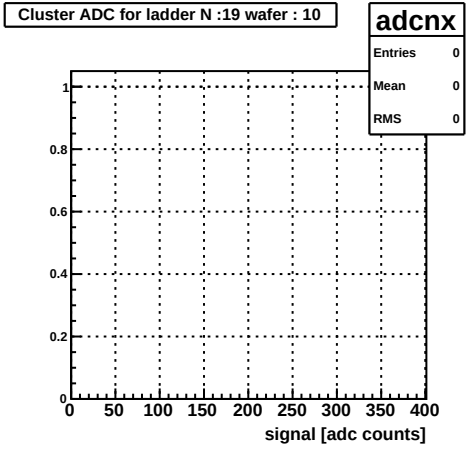

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

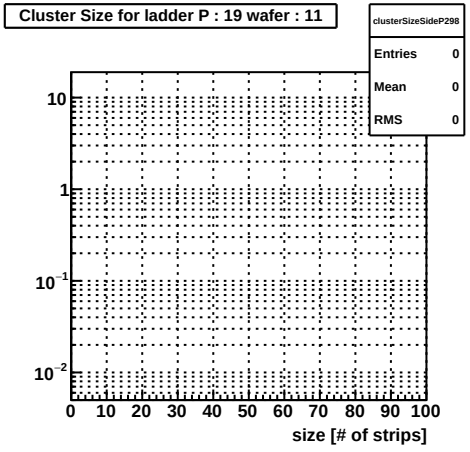

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

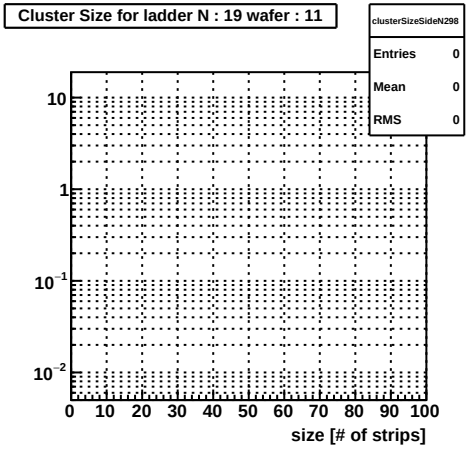

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

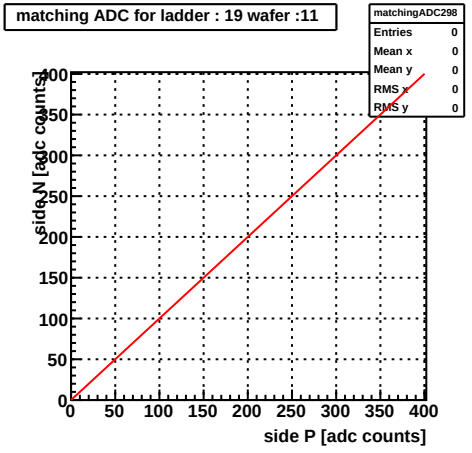

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

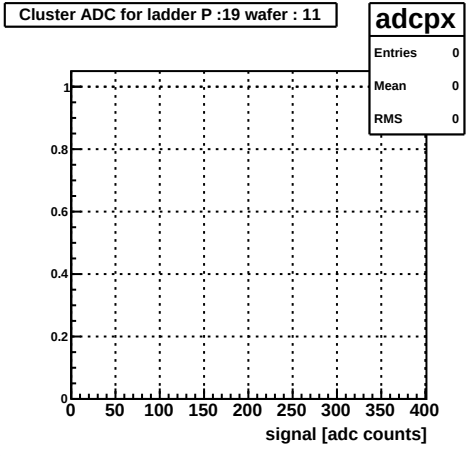

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

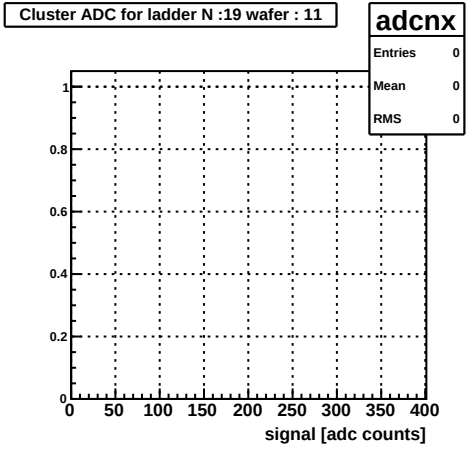

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

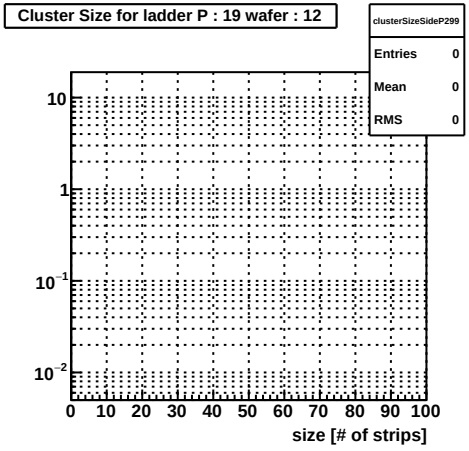

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

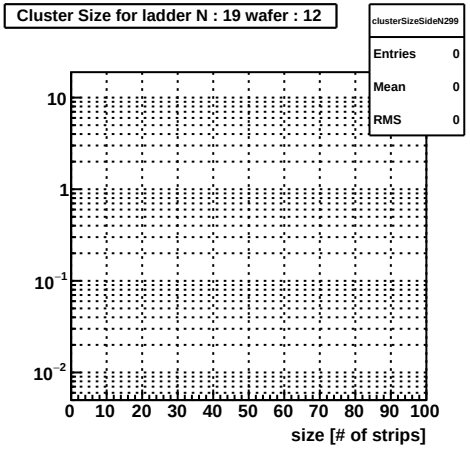

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

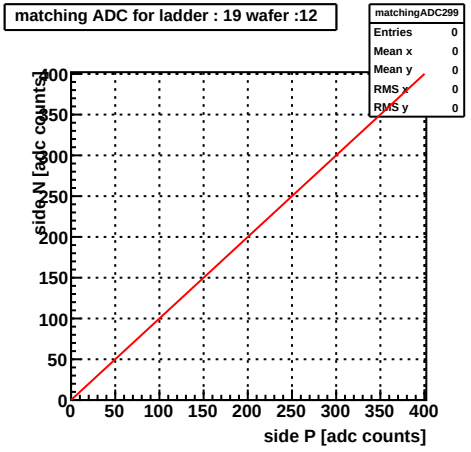

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

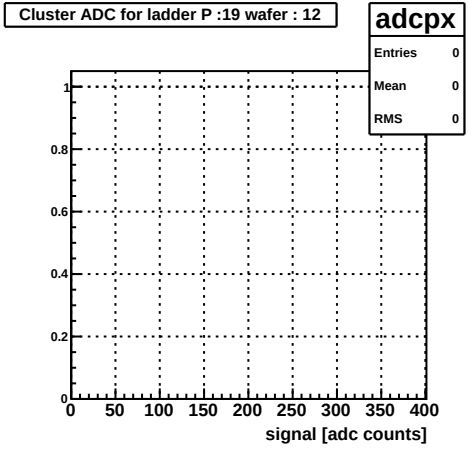

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

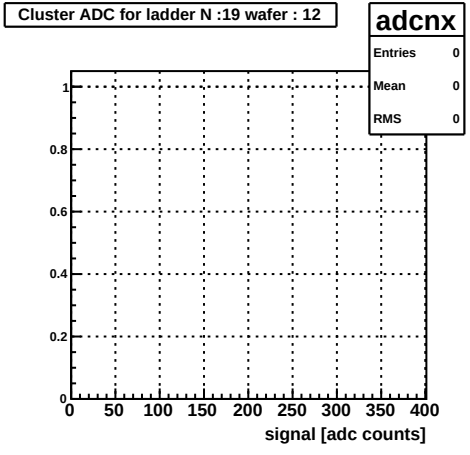

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

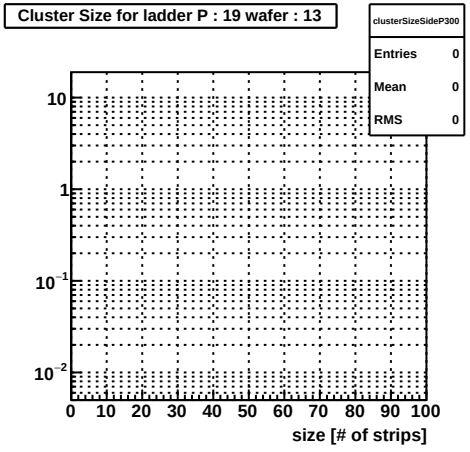

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

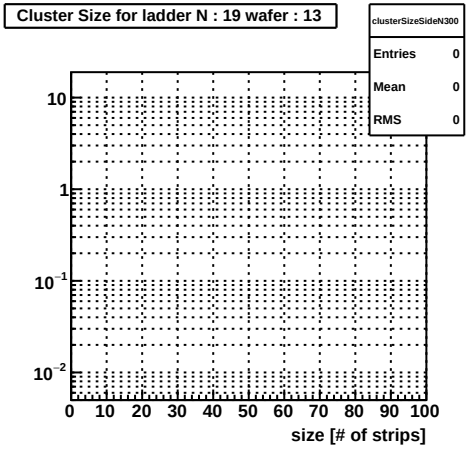

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

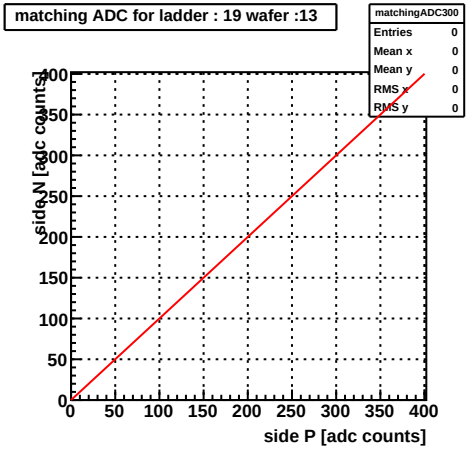

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

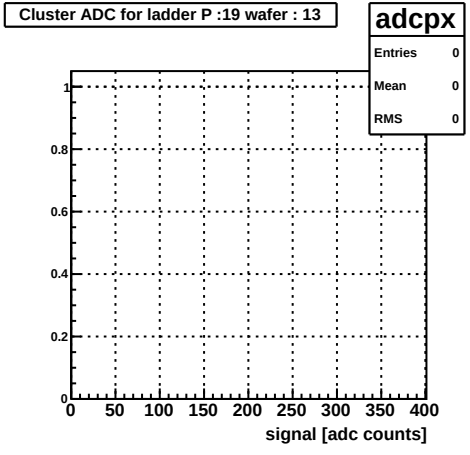

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

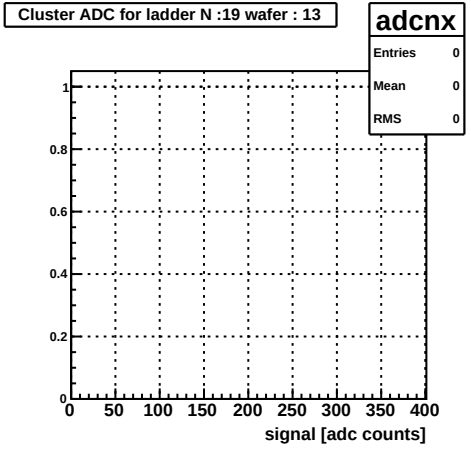

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

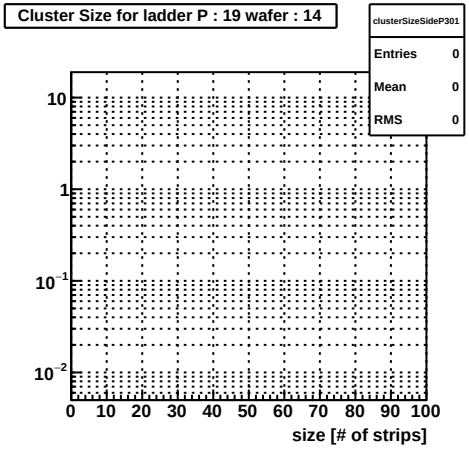

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

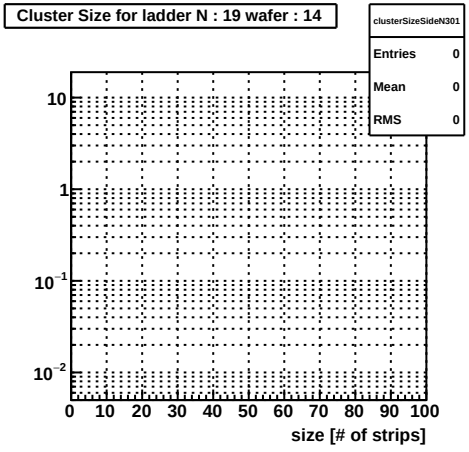

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

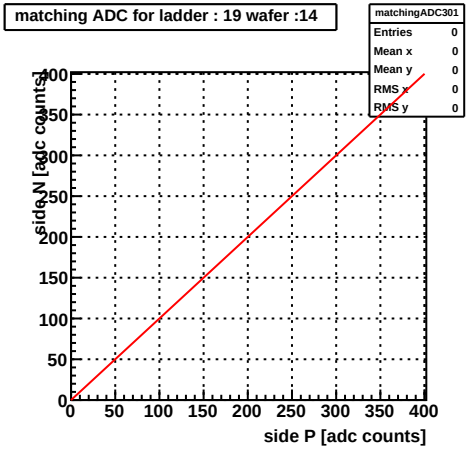

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

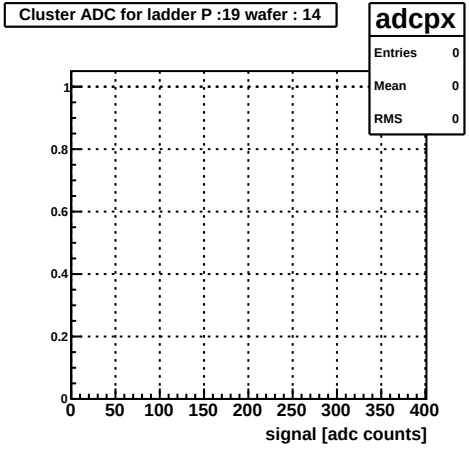

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

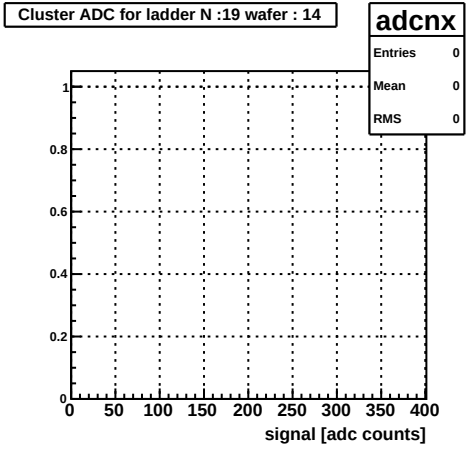

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

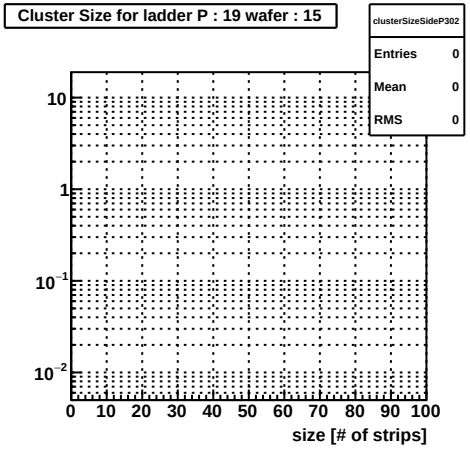

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

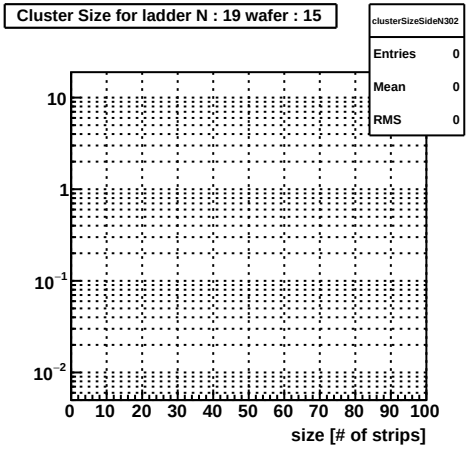

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

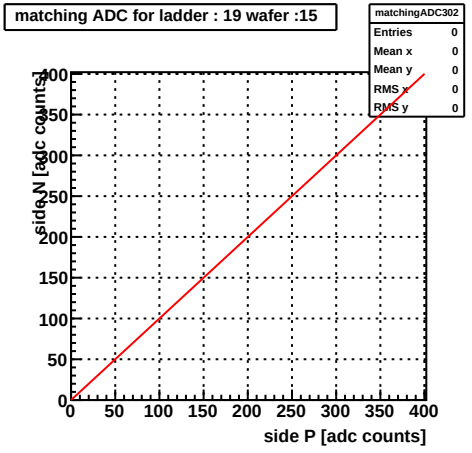

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

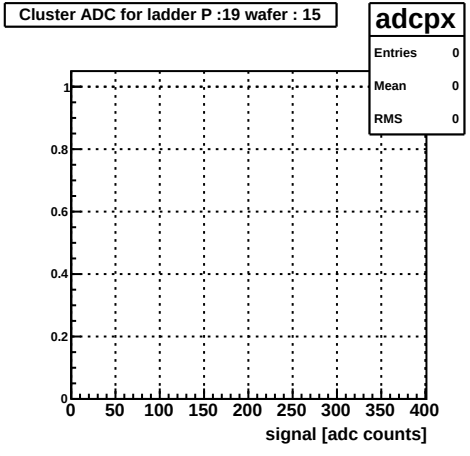

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

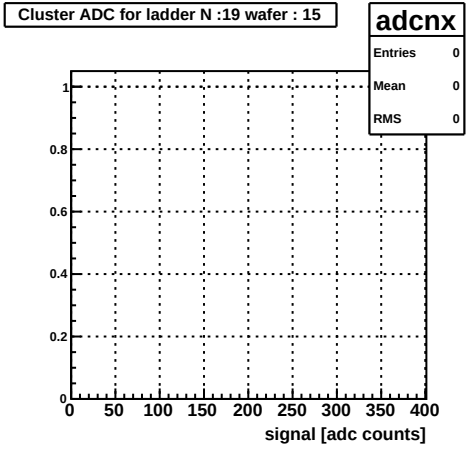

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

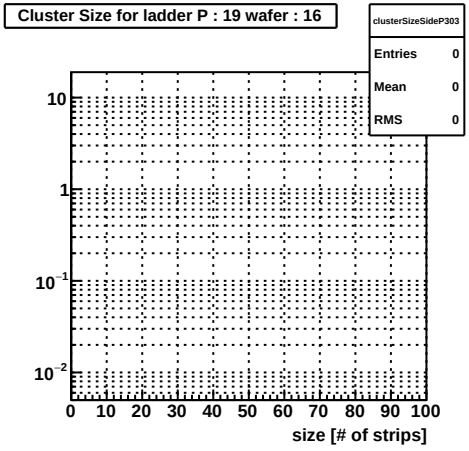

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

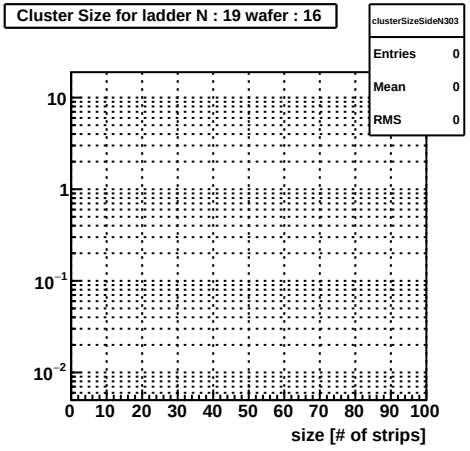

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

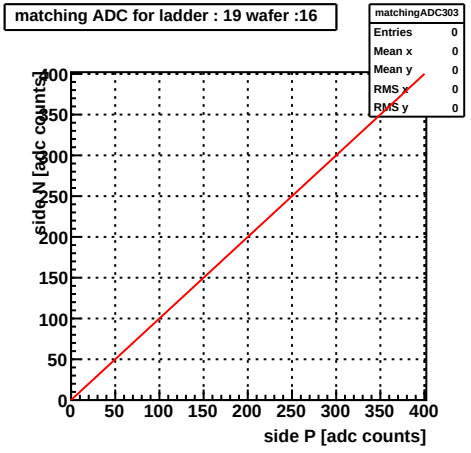

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

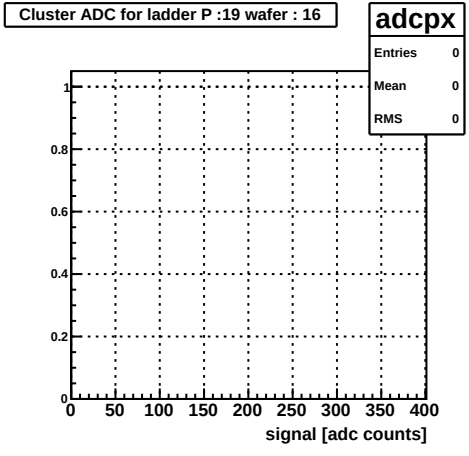

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

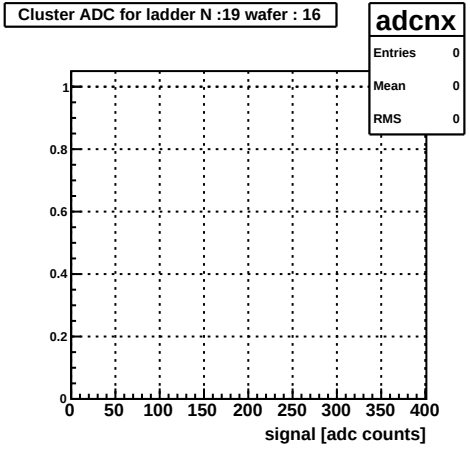

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

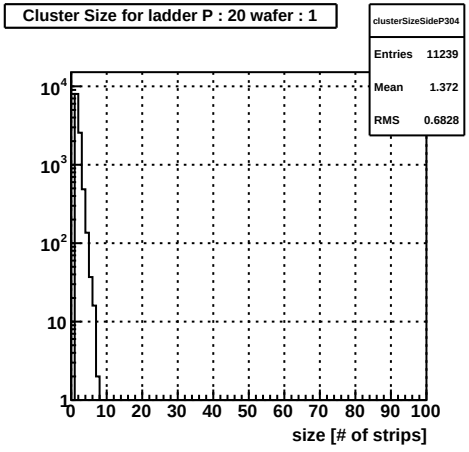

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

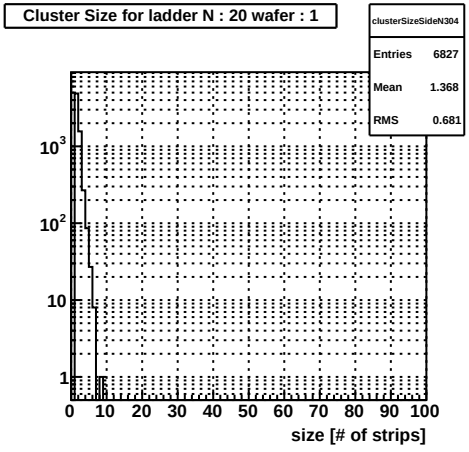

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

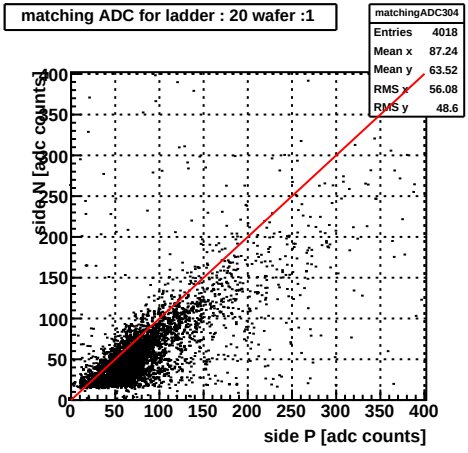

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

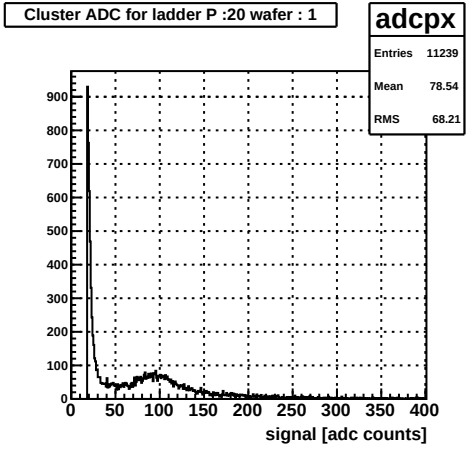

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

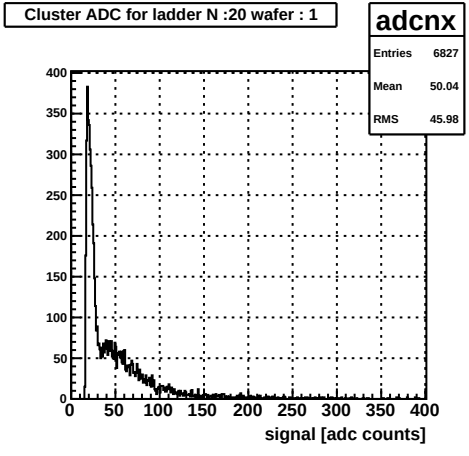

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

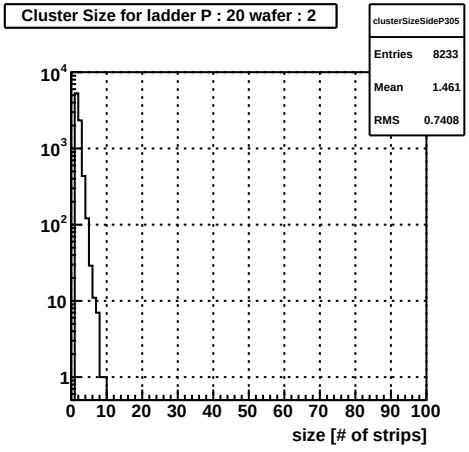

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 11239
Mean 1.372
RMS 0.6828
size [# of strips]

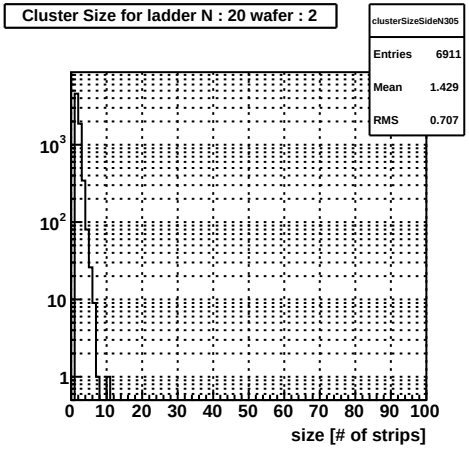

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 6827
Mean 1.368
RMS 0.681
size [# of strips]

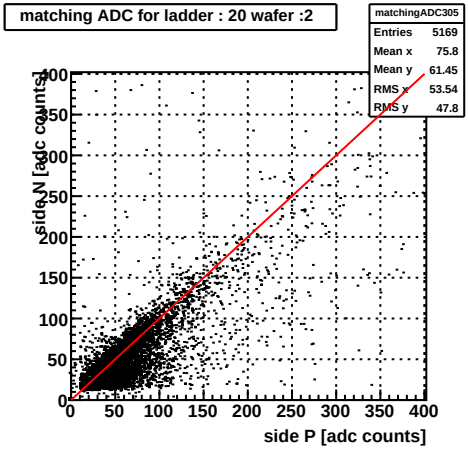

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4018
Mean x 87.24
Mean y 63.52
RMS x 56.08
RMS y 48.6
side N [adc counts]
side P [adc counts]

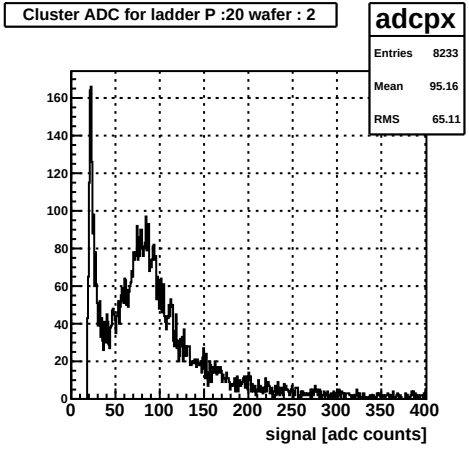

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 11239
Mean 78.54
RMS 68.21
signal [adc counts]

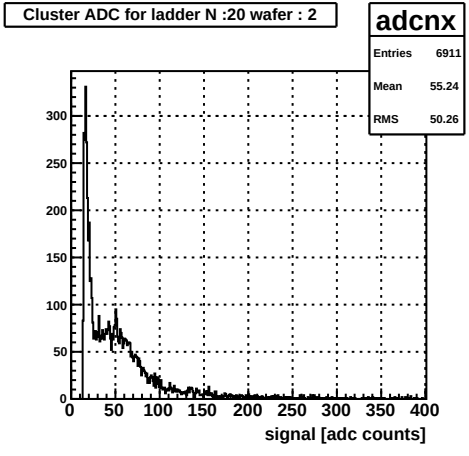

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 6827
Mean 50.04
RMS 45.98
signal [adc counts]

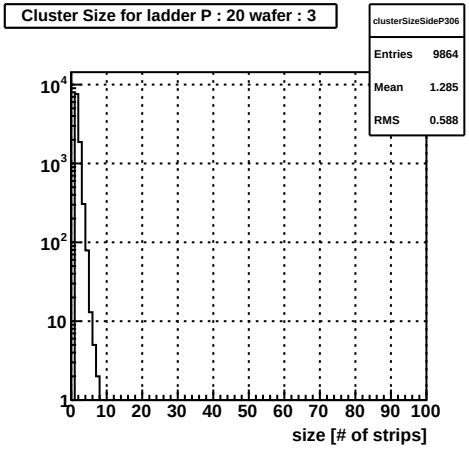

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 8233
Mean 1.461
RMS 0.7408
size [# of strips]

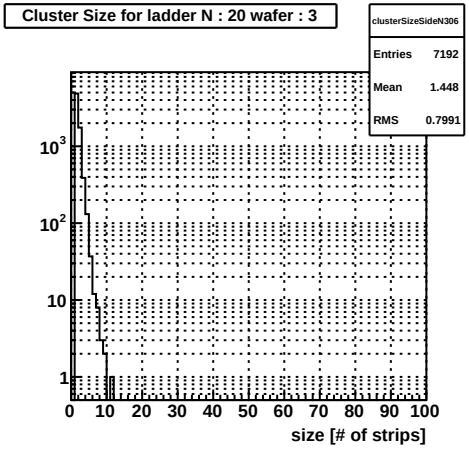

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 6911
Mean 1.429
RMS 0.707
size [# of strips]

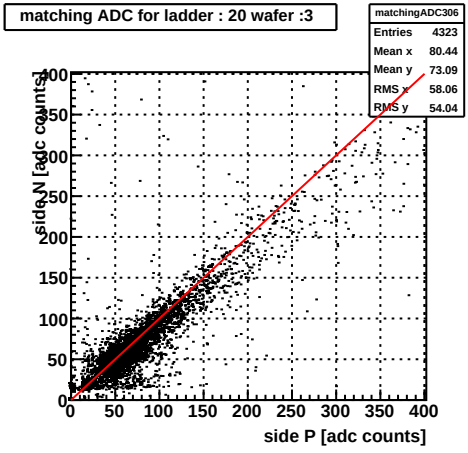

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 5169
Mean x 75.8
Mean y 61.45
RMS x 53.54
RMS y 47.8
side N [adc counts]
side P [adc counts]

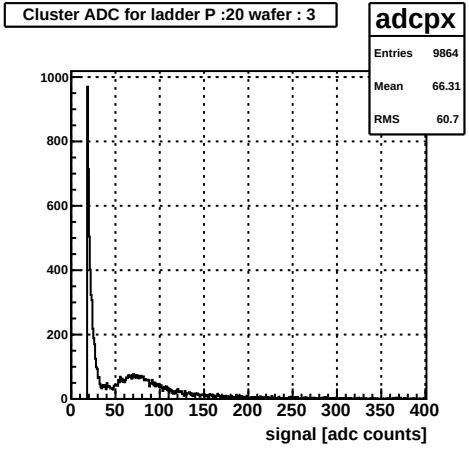

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 8233
Mean 95.16
RMS 65.11
signal [adc counts]

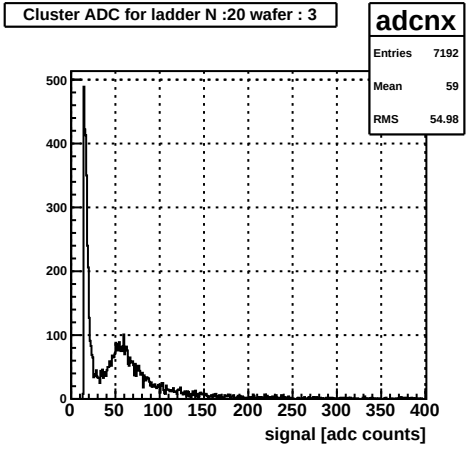

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 6911
Mean 55.24
RMS 50.26
signal [adc counts]

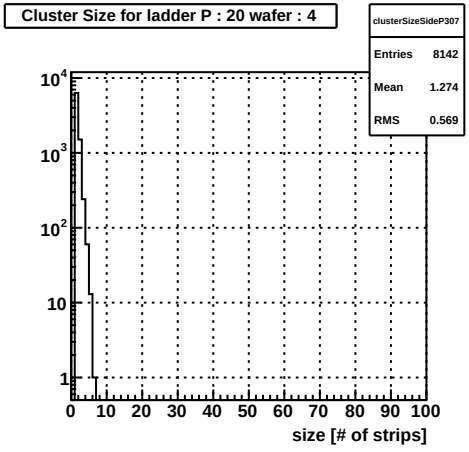

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 9864
Mean 1.285
RMS 0.588
size [# of strips]

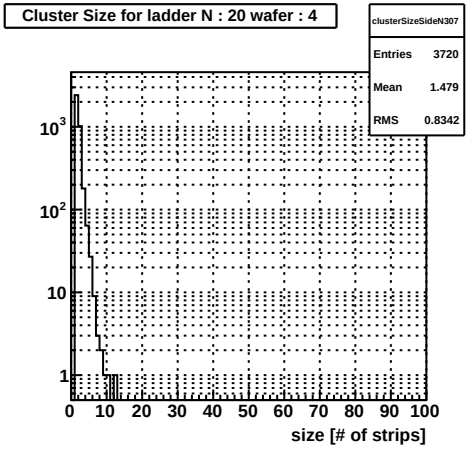

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 7192
Mean 1.448
RMS 0.7991
size [# of strips]

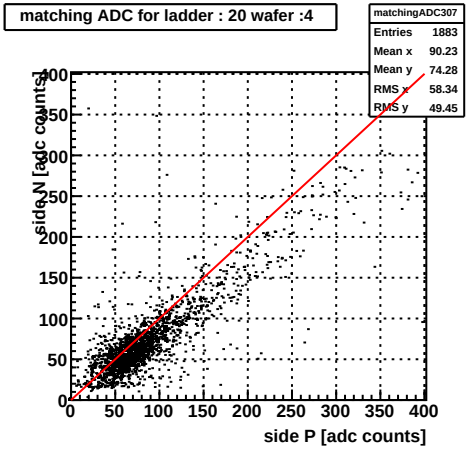

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 4323
Mean x 80.44
Mean y 73.09
RMS x 58.06
RMS y 54.04
side N [adc counts]
side P [adc counts]

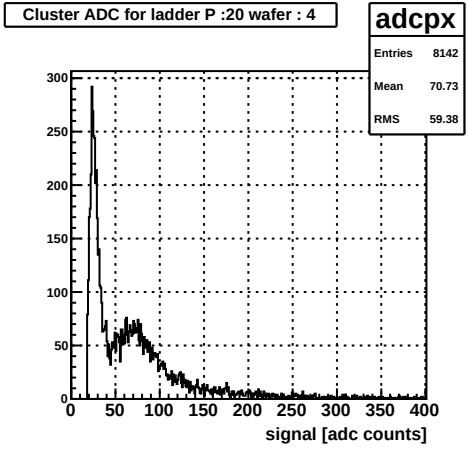

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 9864
Mean 66.31
RMS 60.7
signal [adc counts]

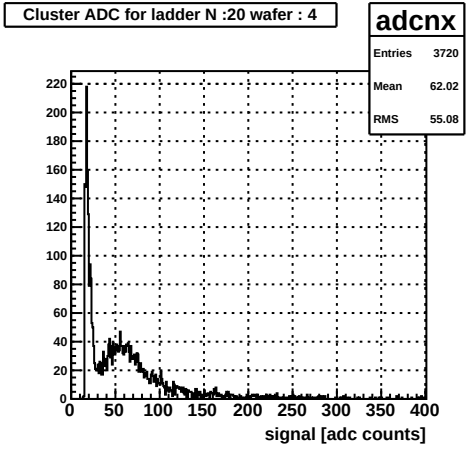

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 7192
Mean 59
RMS 54.98
signal [adc counts]

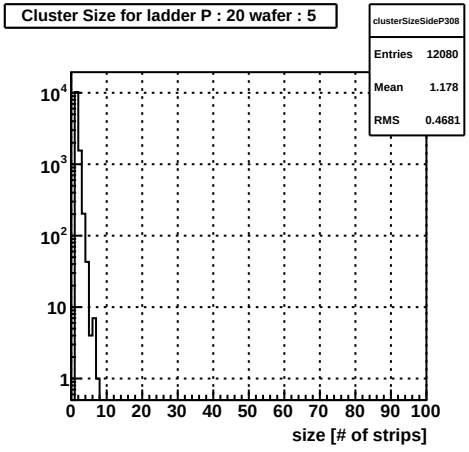

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 8142
Mean 1.274
RMS 0.569
size [# of strips]

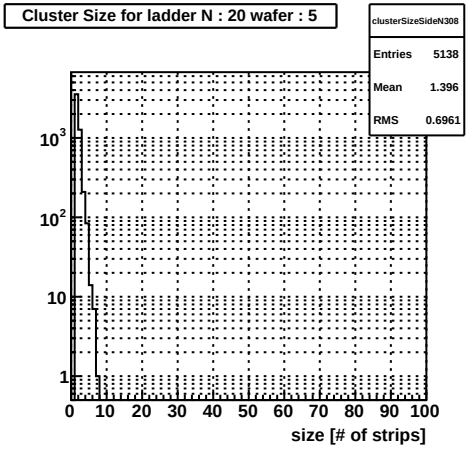

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3720
Mean 1.479
RMS 0.8342
size [# of strips]

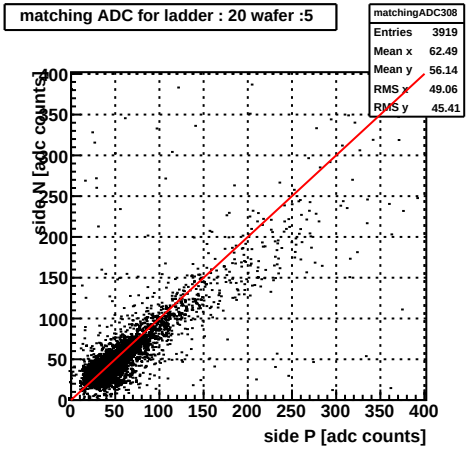

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 1883
Mean x 90.23
Mean y 74.28
RMS x 58.34
RMS y 49.45
side N [adc counts]
side P [adc counts]

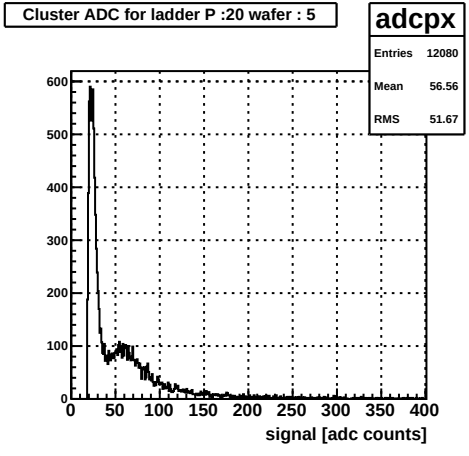

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 8142
Mean 70.73
RMS 59.38
signal [adc counts]

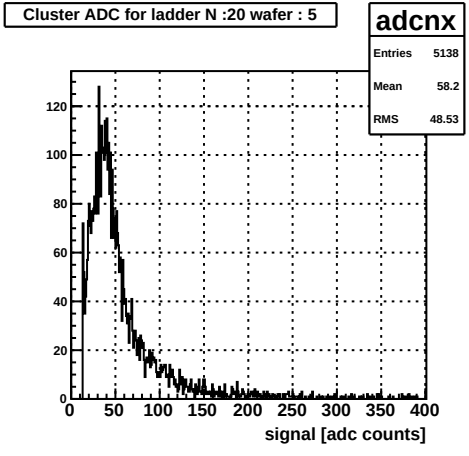

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3720
Mean 62.02
RMS 55.08
signal [adc counts]

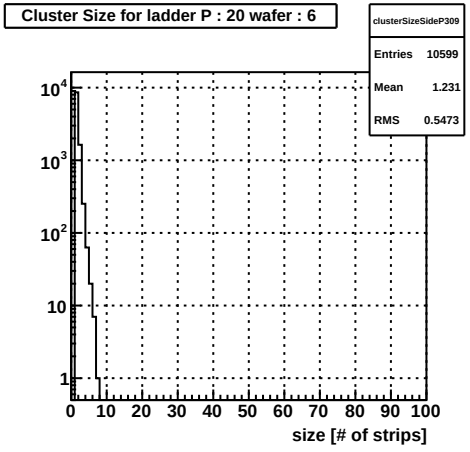

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 12080
Mean 1.178
RMS 0.4681
size [# of strips]

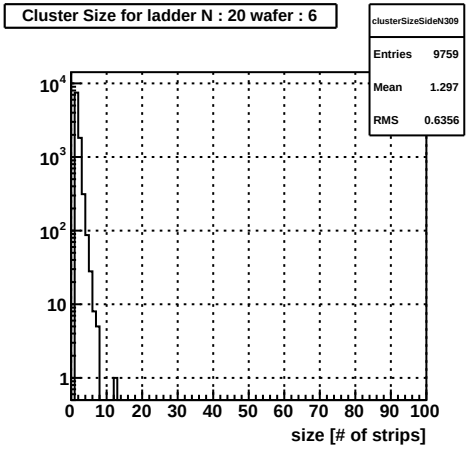

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 5138
Mean 1.396
RMS 0.6961
size [# of strips]

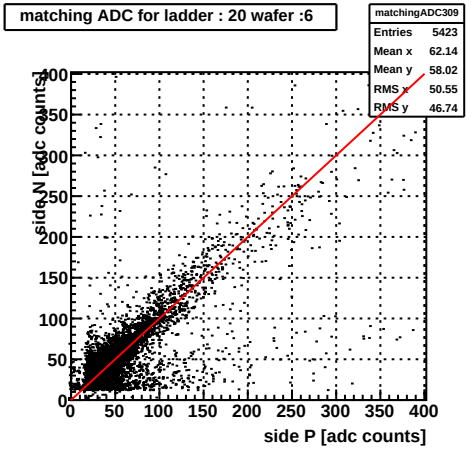

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 3919
Mean x 62.49
Mean y 56.14
RMS x 49.06
RMS y 45.41
side N [adc counts]
side P [adc counts]

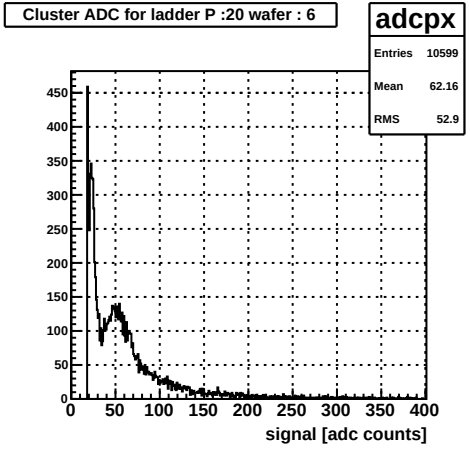

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 12080
Mean 56.56
RMS 51.67
signal [adc counts]

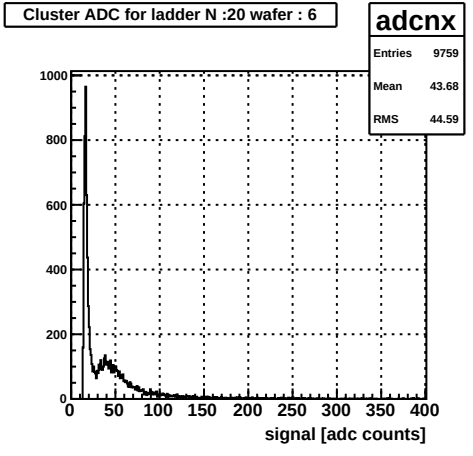

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 5138
Mean 58.2
RMS 48.53
signal [adc counts]

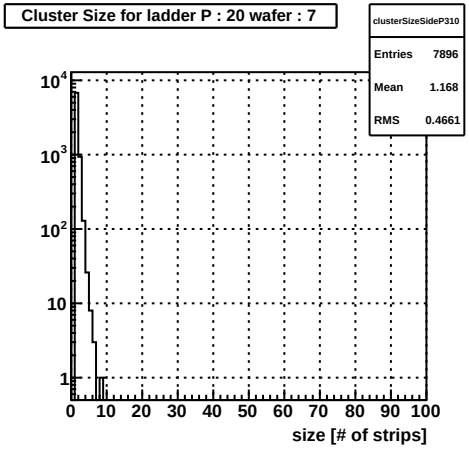

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 10599
Mean 1.231
RMS 0.5473
size [# of strips]

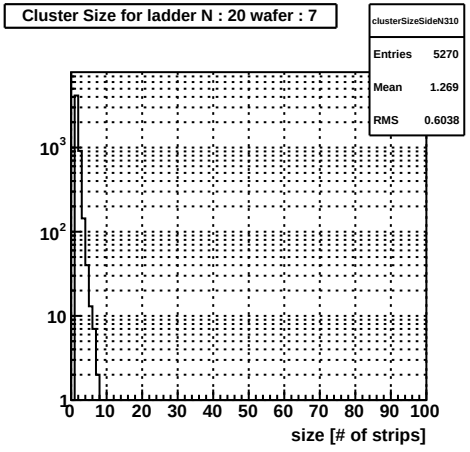

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 9759
Mean 1.297
RMS 0.6356
size [# of strips]

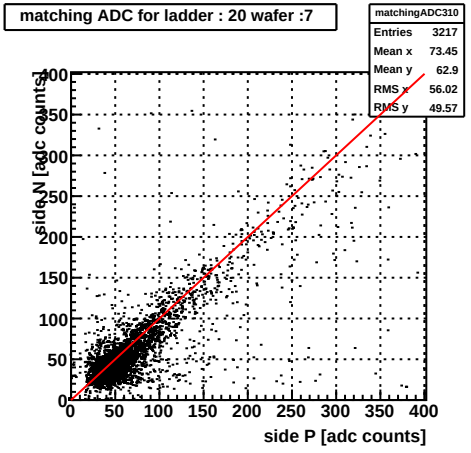

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 5423
Mean x 62.14
Mean y 58.02
RMS x 50.55
RMS y 46.74
side N [adc counts]
side P [adc counts]

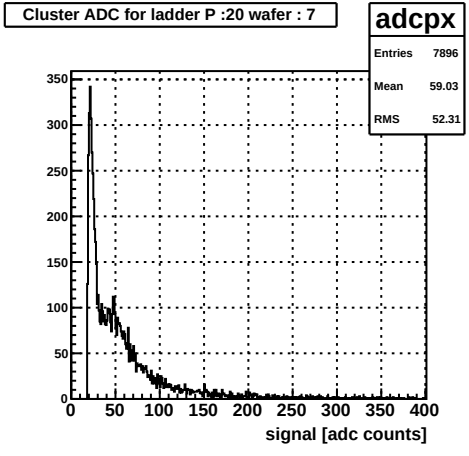

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 10599
Mean 62.16
RMS 52.9
signal [adc counts]

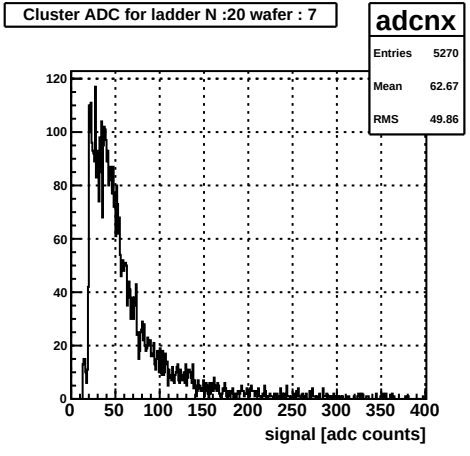

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 9759
Mean 43.68
RMS 44.59
signal [adc counts]

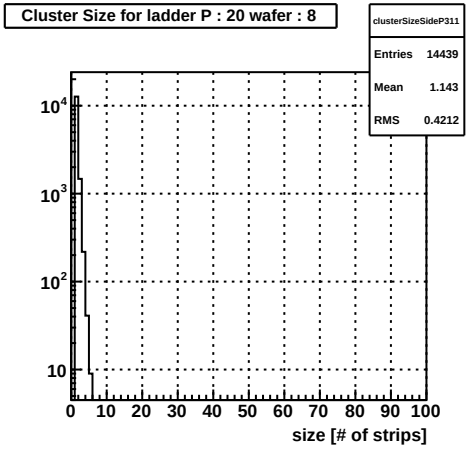

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 7896
Mean 1.168
RMS 0.4661
size [# of strips]

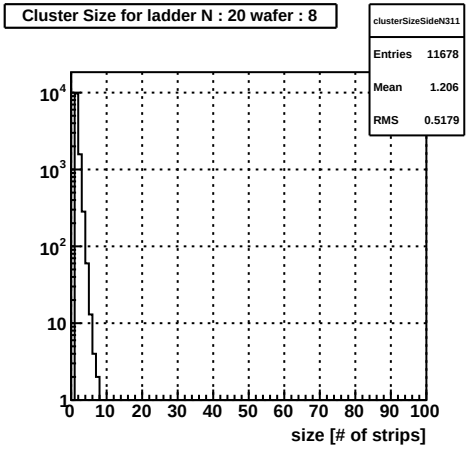

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 5270
Mean 1.269
RMS 0.6038
size [# of strips]

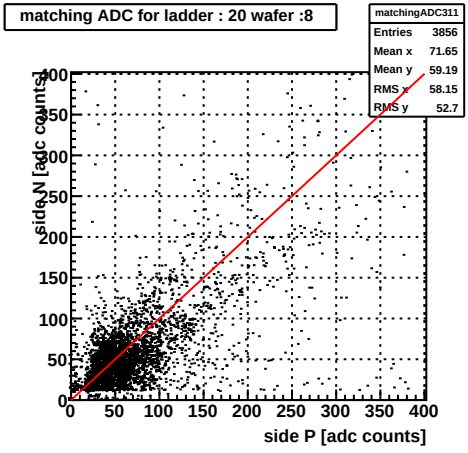

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 3217
Mean x 73.45
Mean y 62.9
RMS x 56.02
RMS y 49.57
side N [adc counts]
side P [adc counts]

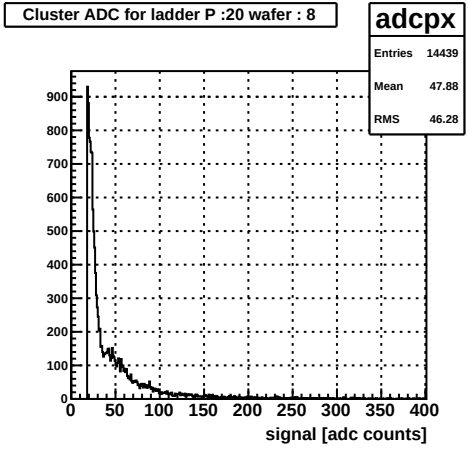

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 7896
Mean 59.03
RMS 52.31
signal [adc counts]

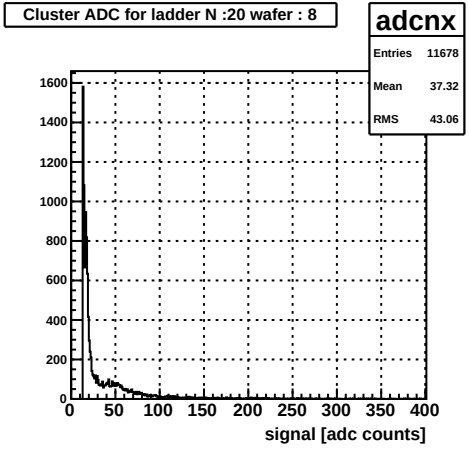

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 5270
Mean 62.67
RMS 49.86
signal [adc counts]

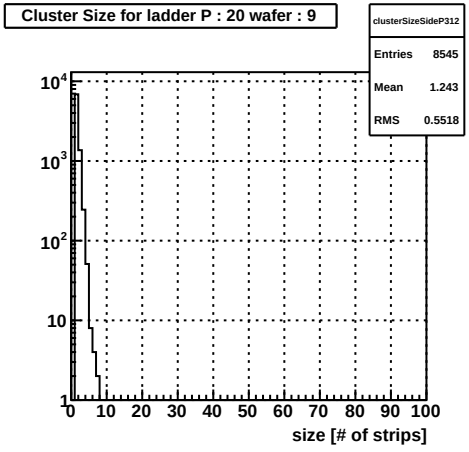

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 14439
Mean 1.143
RMS 0.4212
size [# of strips]

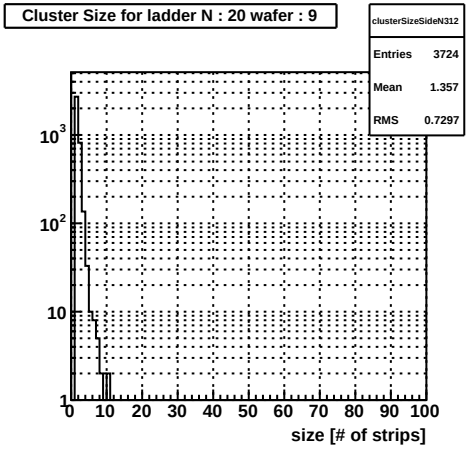

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 11678
Mean 1.206
RMS 0.5179
size [# of strips]

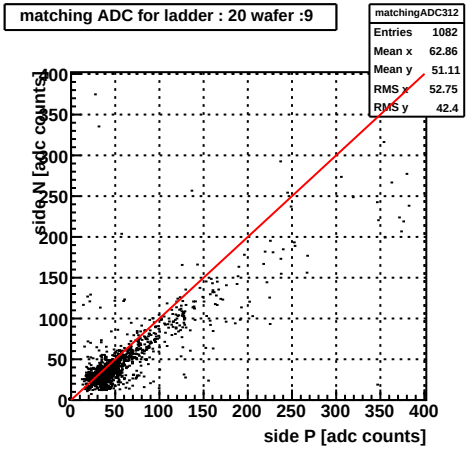

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 3856
Mean x 71.65
Mean y 59.19
RMS x 58.15
RMS y 52.7
side N [adc counts]
side P [adc counts]

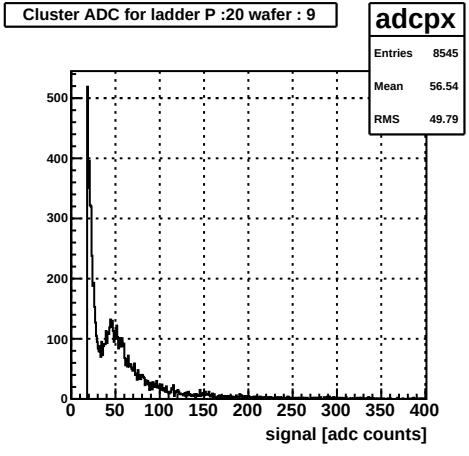

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 14439
Mean 47.88
RMS 46.28
signal [adc counts]

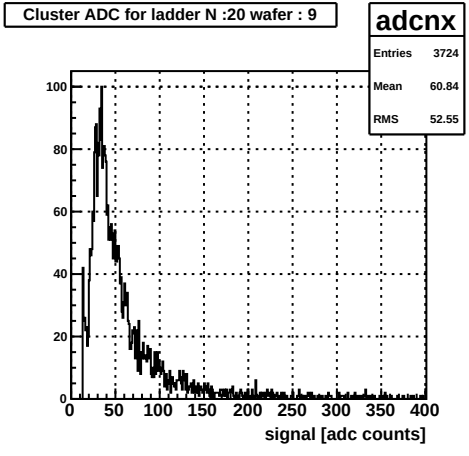

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 11678
Mean 37.32
RMS 43.06
signal [adc counts]

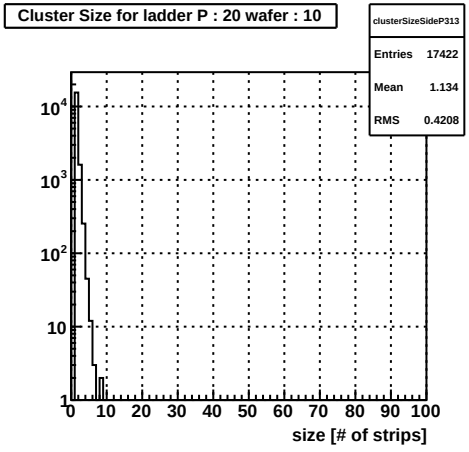

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 8545
Mean 1.243
RMS 0.5518
size [# of strips]

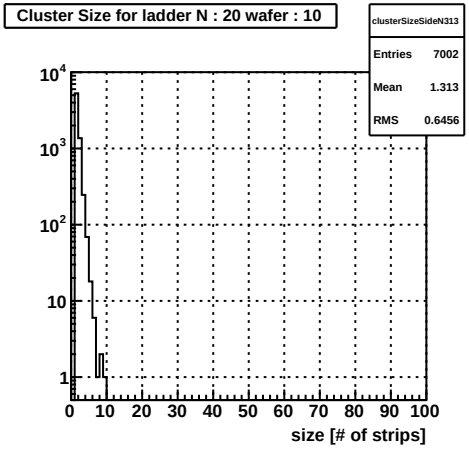

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3724
Mean 1.357
RMS 0.7297
size [# of strips]

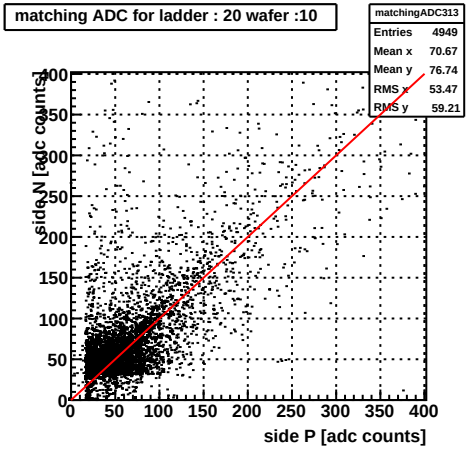

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1082
Mean x 62.86
Mean y 51.11
RMS x 52.75
RMS y 42.4
side N [adc counts]
side P [adc counts]

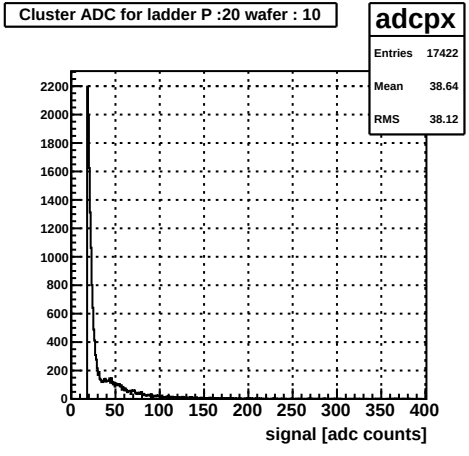

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 8545
Mean 56.54
RMS 49.79
signal [adc counts]

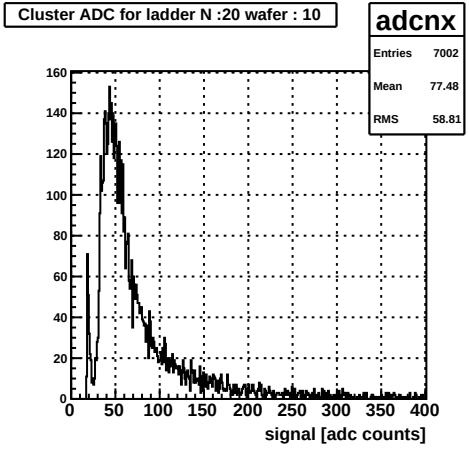

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3724
Mean 60.84
RMS 52.55
signal [adc counts]

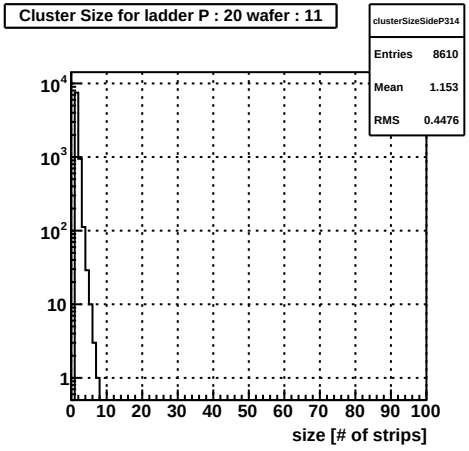

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 17422
Mean 1.134
RMS 0.4208
size [# of strips]

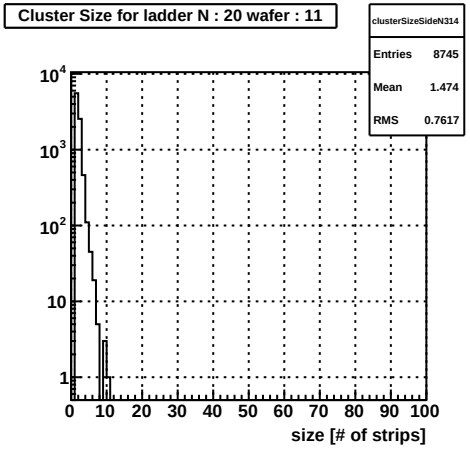

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7002
Mean 1.313
RMS 0.6456
size [# of strips]

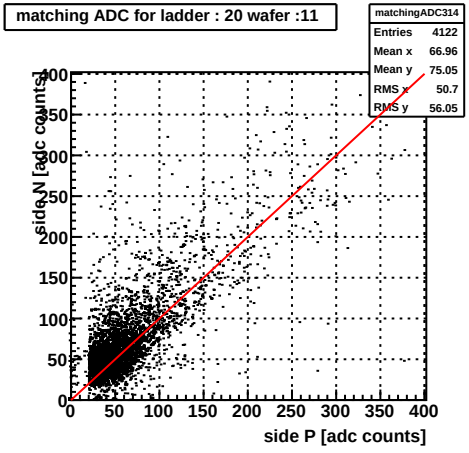

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 4949
Mean x 70.67
Mean y 76.74
RMS x 53.47
RMS y 59.21
side N [adc counts]
side P [adc counts]

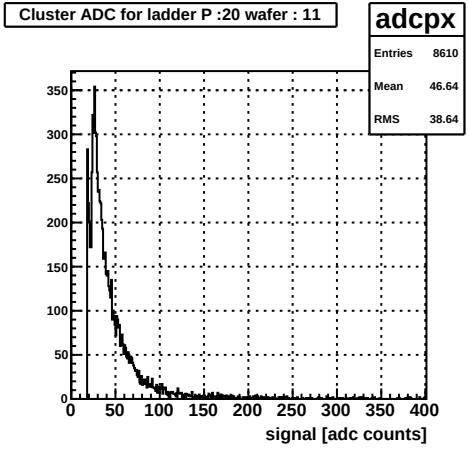

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 17422
Mean 38.64
RMS 38.12
signal [adc counts]

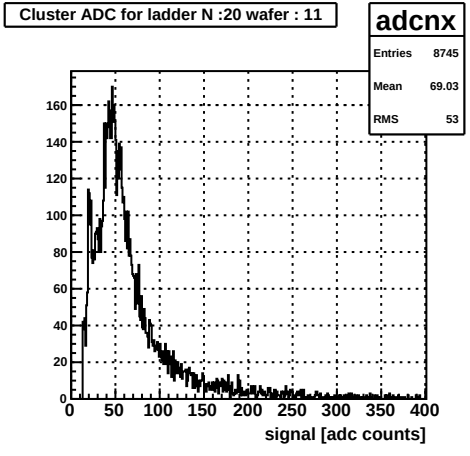

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7002
Mean 77.48
RMS 58.81
signal [adc counts]

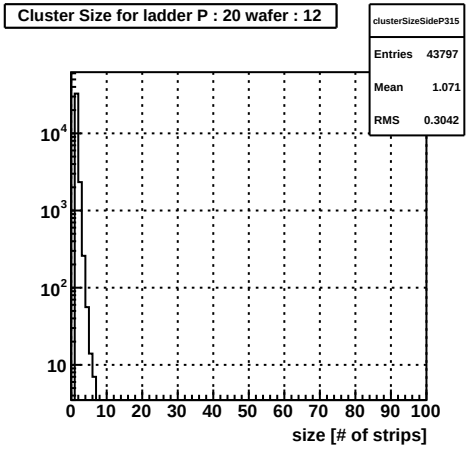

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 8610
Mean 1.153
RMS 0.4476
size [# of strips]

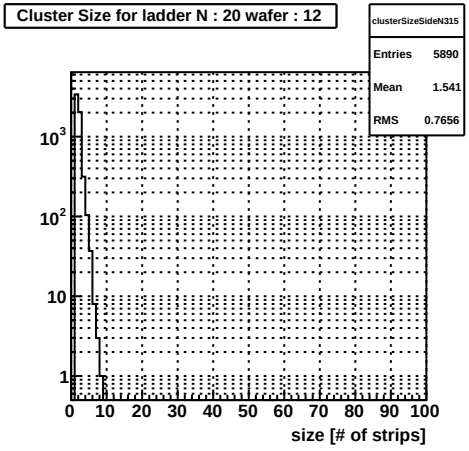

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 8745
Mean 1.474
RMS 0.7617
size [# of strips]

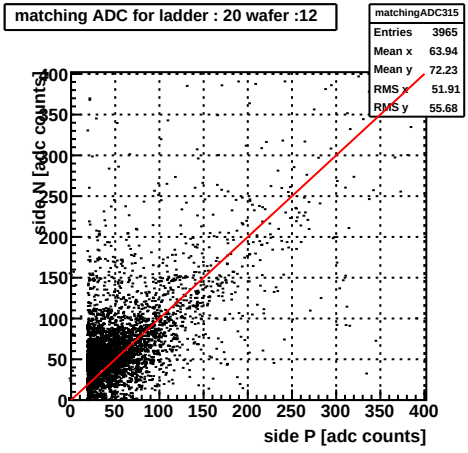

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 4122
Mean x 66.96
Mean y 75.05
RMS x 50.7
RMS y 56.05
side N [adc counts]
side P [adc counts]

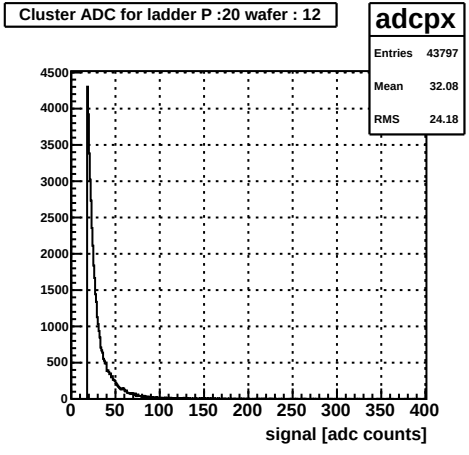

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 8610
Mean 46.64
RMS 38.64
signal [adc counts]

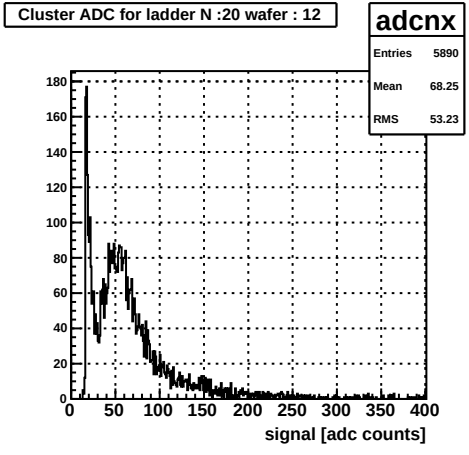

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 8745
Mean 69.03
RMS 53
signal [adc counts]

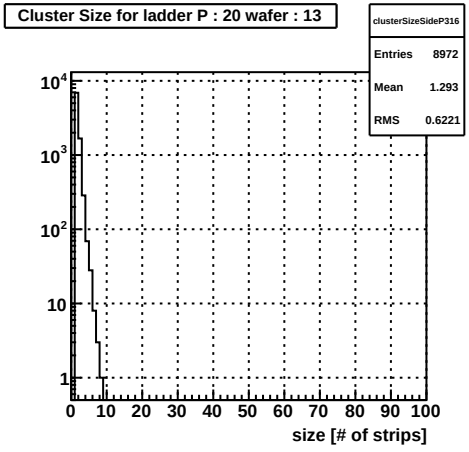

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 43797
Mean 1.071
RMS 0.3042
size [# of strips]

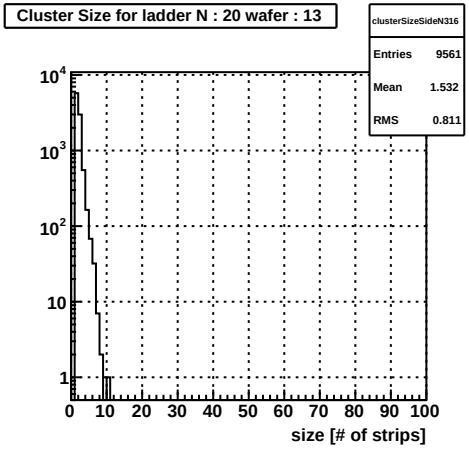

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 5890
Mean 1.541
RMS 0.7656
size [# of strips]

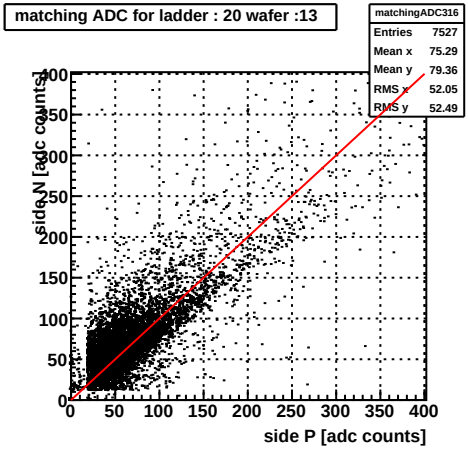

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 3965
Mean x 63.94
Mean y 72.23
RMS x 51.91
RMS y 55.68
side N [adc counts]
side P [adc counts]

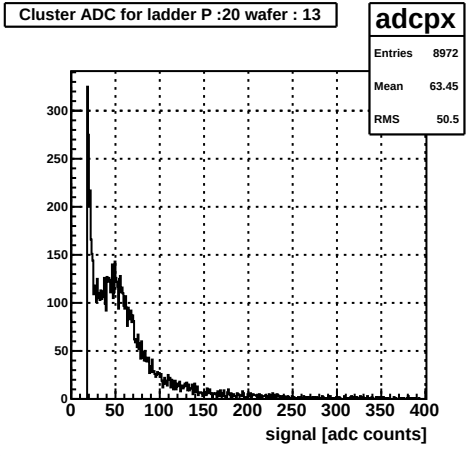

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 43797
Mean 32.08
RMS 24.18
signal [adc counts]

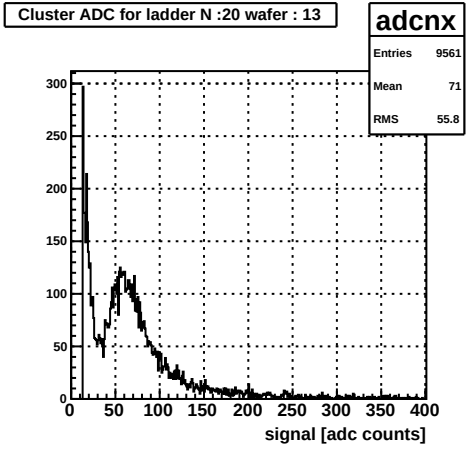

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 5890
Mean 68.25
RMS 53.23
signal [adc counts]

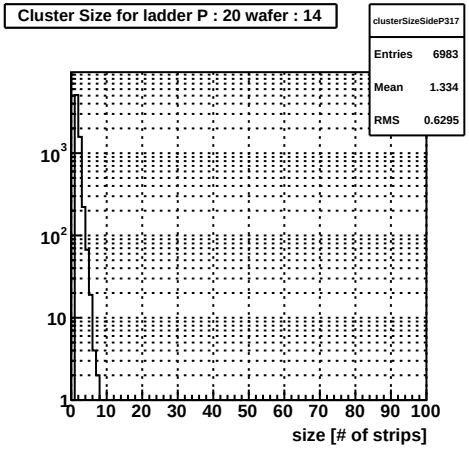

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 8972
Mean 1.293
RMS 0.6221
size [# of strips]

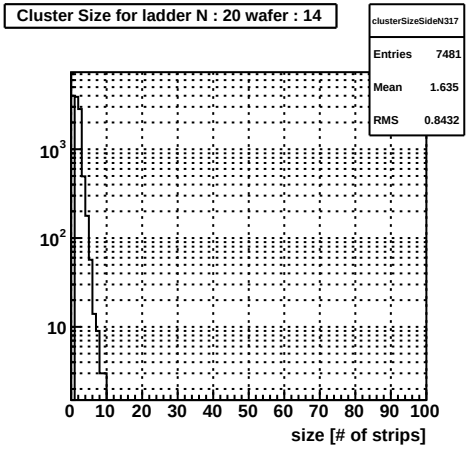

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 9561
Mean 1.532
RMS 0.811
size [# of strips]

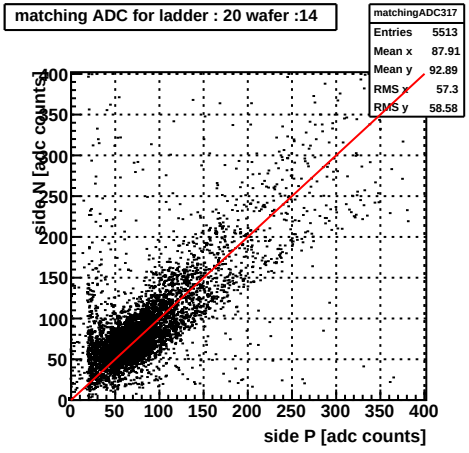

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 7527
Mean x 75.29
Mean y 79.36
RMS x 52.05
RMS y 52.49
side N [adc counts]
side P [adc counts]

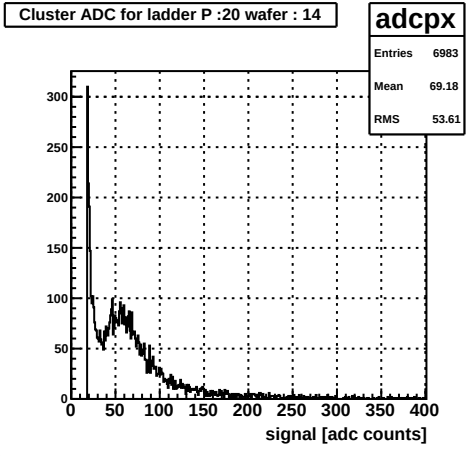

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 8972
Mean 63.45
RMS 50.5
signal [adc counts]

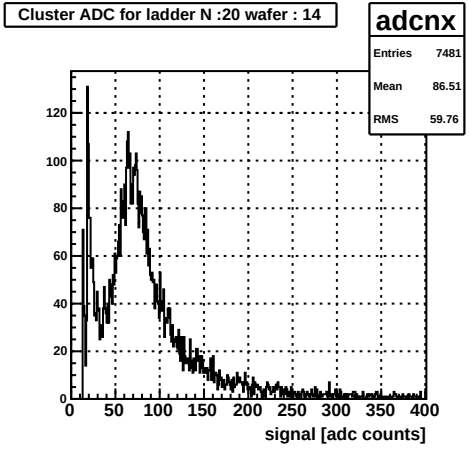

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 9561
Mean 71
RMS 55.8
signal [adc counts]

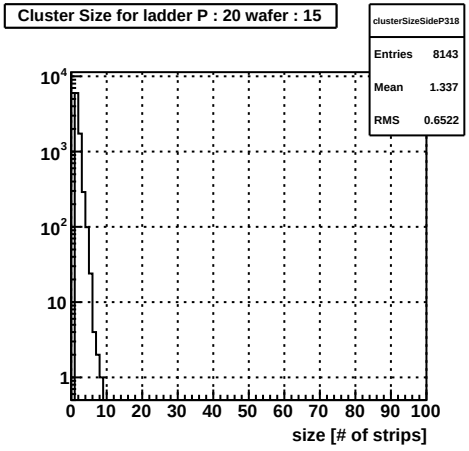

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 6983
Mean 1.334
RMS 0.6295
size [# of strips]

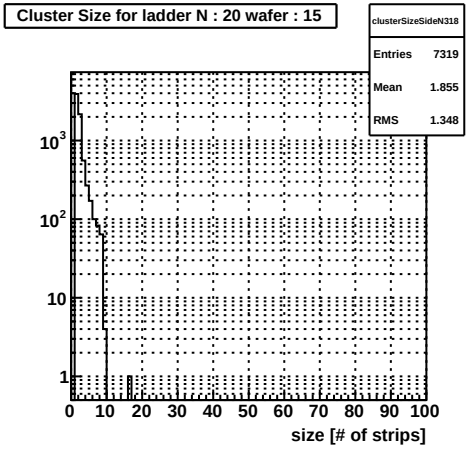

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 7481
Mean 1.635
RMS 0.8432
size [# of strips]

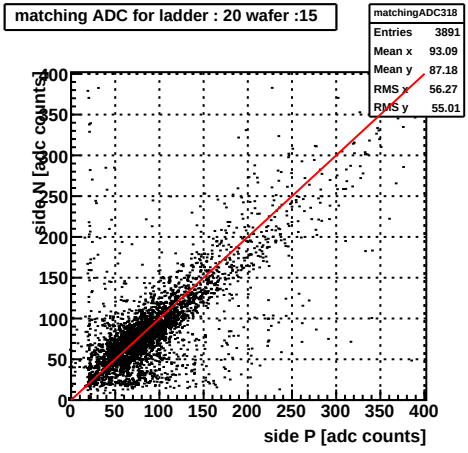

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 5513
Mean x 87.91
Mean y 92.89
RMS x 57.3
RMS y 58.58
side N [adc counts]
side P [adc counts]

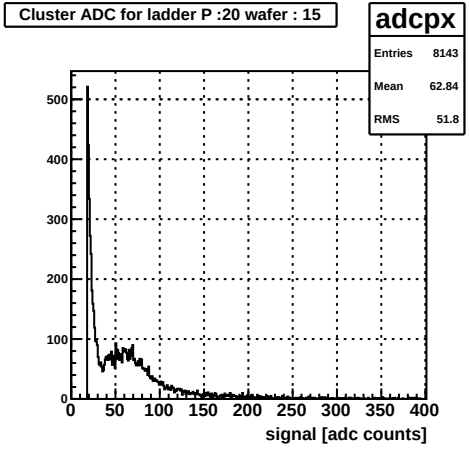

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 6983
Mean 69.18
RMS 53.61
signal [adc counts]

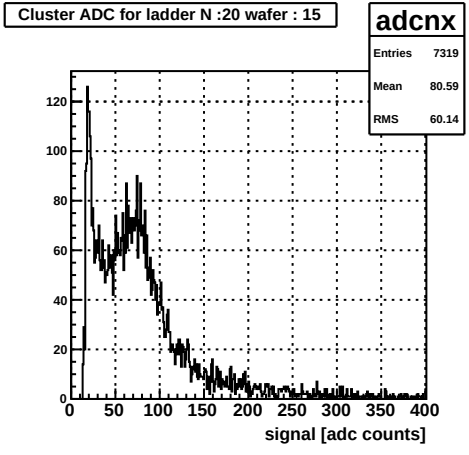

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 7481
Mean 86.51
RMS 59.76
signal [adc counts]

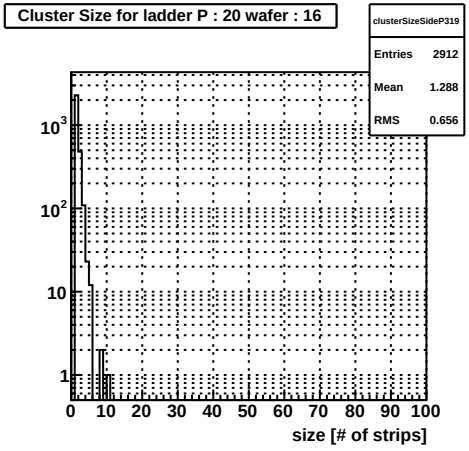

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 8143
Mean 1.337
RMS 0.6522
size [# of strips]

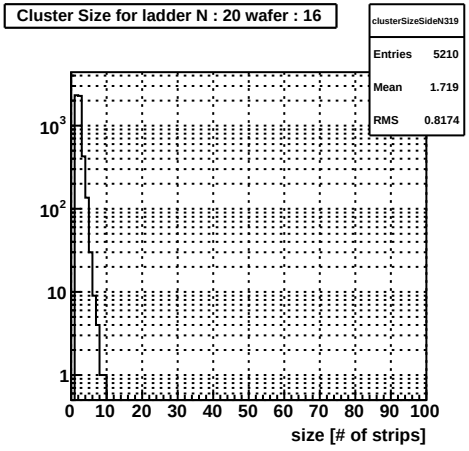

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 7319
Mean 1.855
RMS 1.348
size [# of strips]

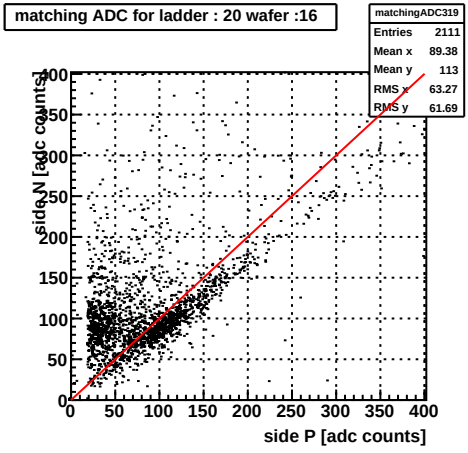

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 3891
Mean x 93.09
Mean y 87.18
RMS x 56.27
RMS y 55.01
side N [adc counts]
side P [adc counts]

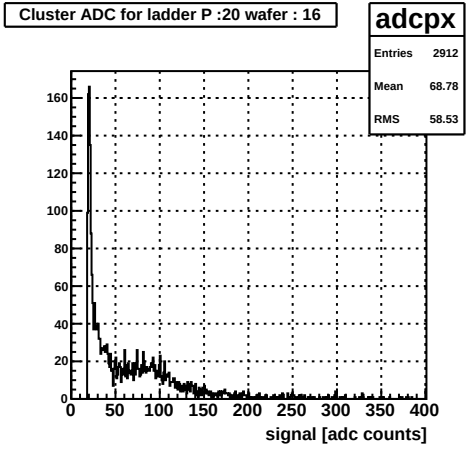

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 8143
Mean 62.84
RMS 51.8
signal [adc counts]

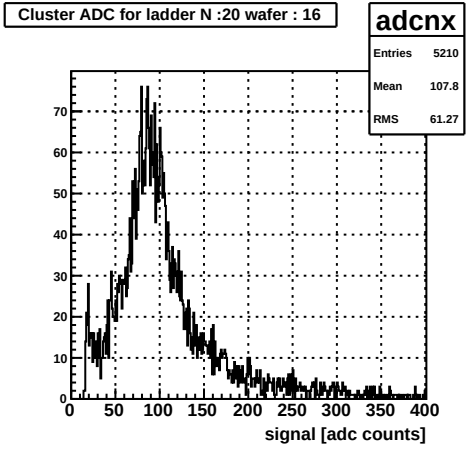

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 7319
Mean 80.59
RMS 60.14
signal [adc counts]

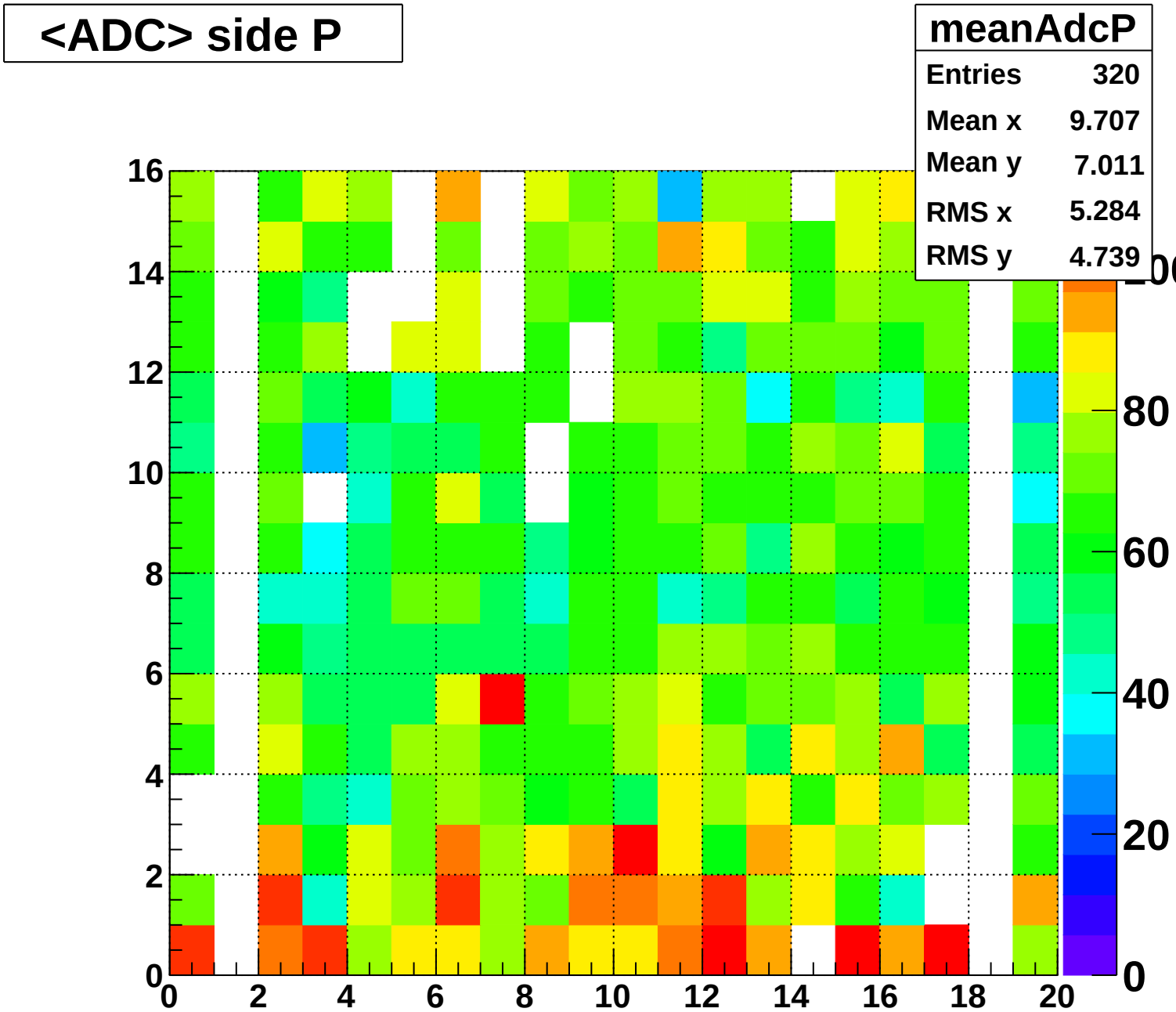

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2912
Mean 1.288
RMS 0.656
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 5210
Mean 1.719
RMS 0.8174
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2111
Mean x 89.38
Mean y 113
RMS x 63.27
RMS y 61.69
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2912
Mean 68.78
RMS 58.53
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 5210
Mean 107.8
RMS 61.27
signal [adc counts]



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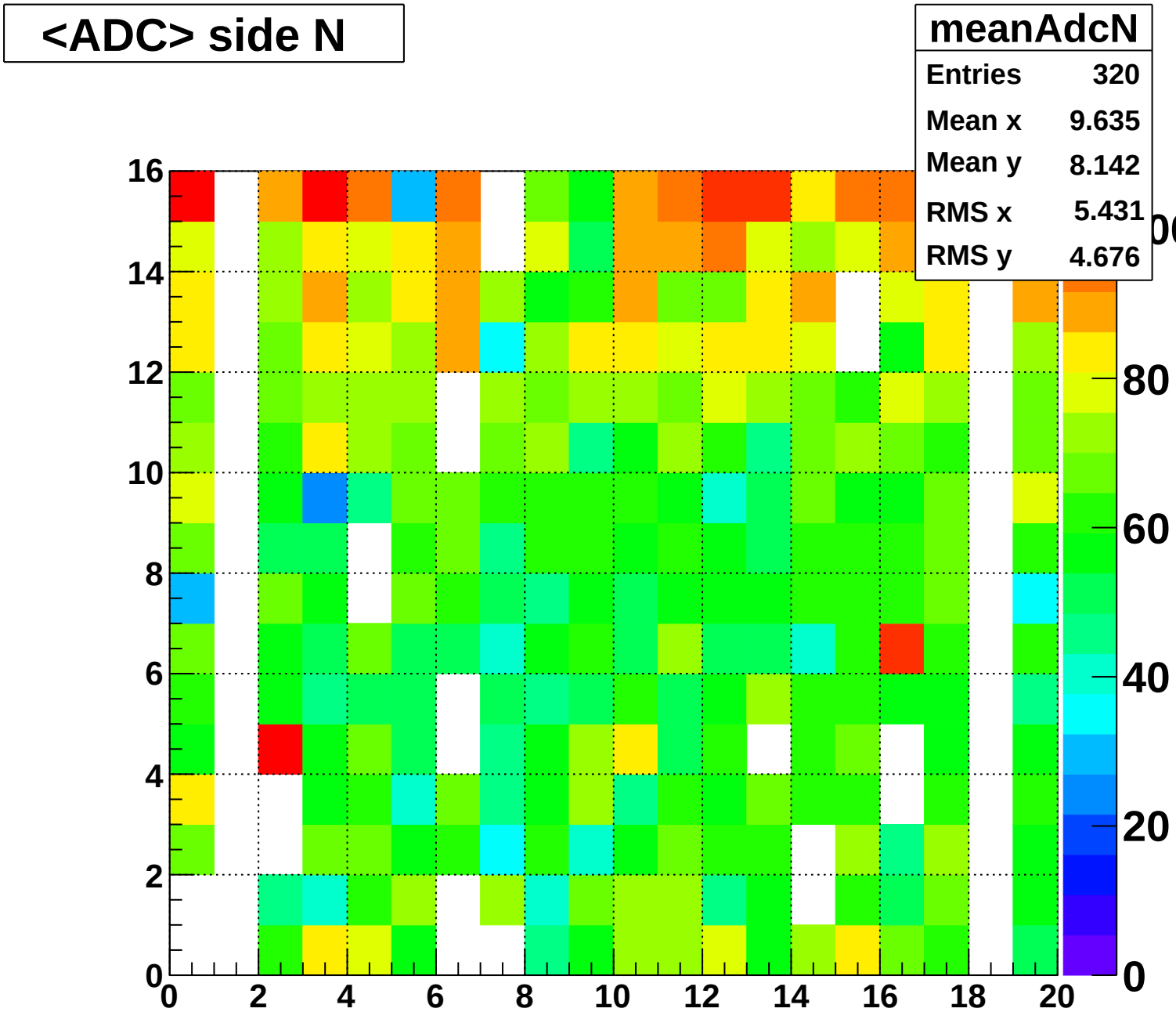

2016-06-18 00:41:26