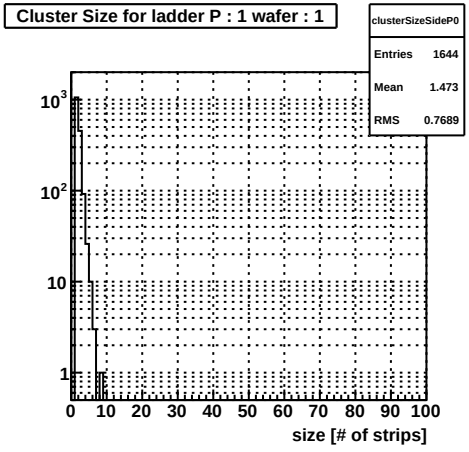
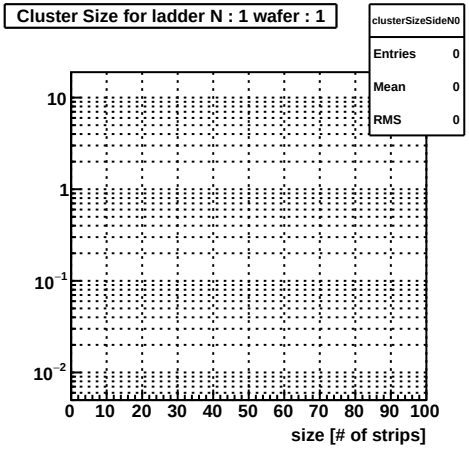
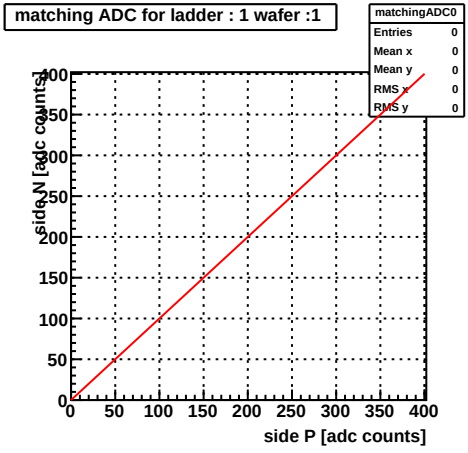
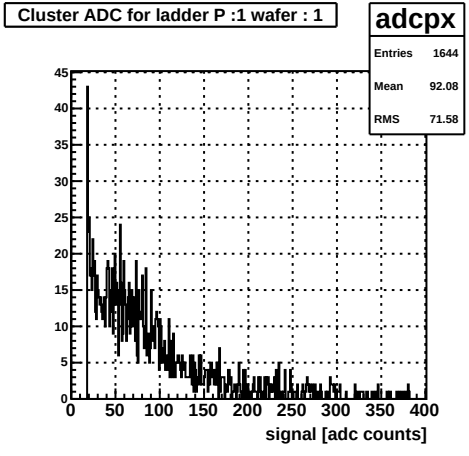
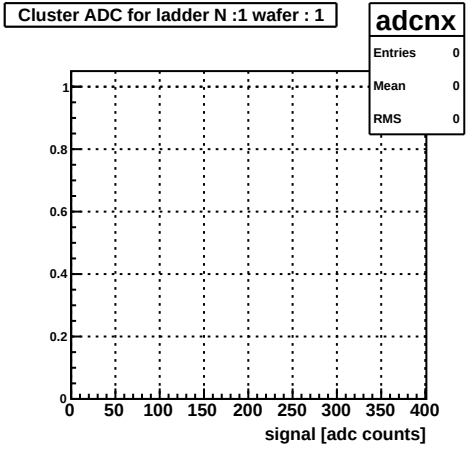
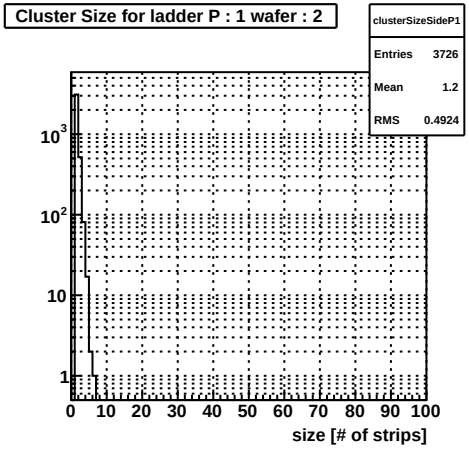

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1644
Mean 1.473
RMS 0.7689
size [# of strips]

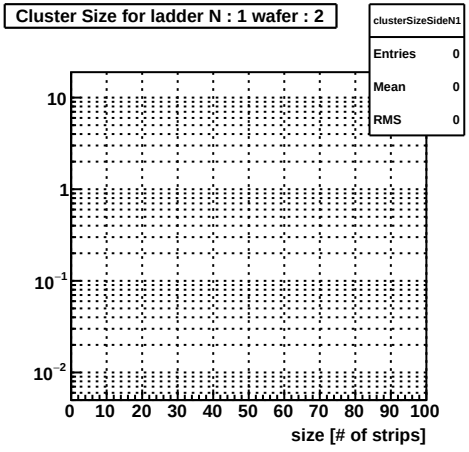

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

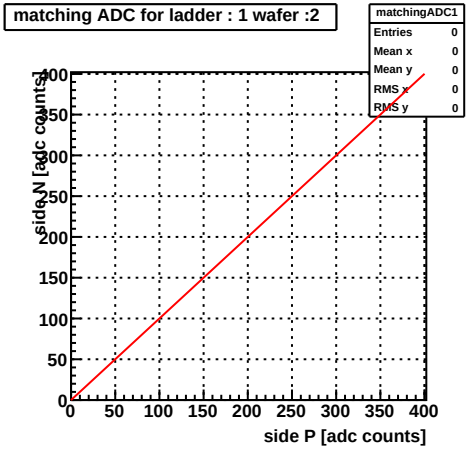

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

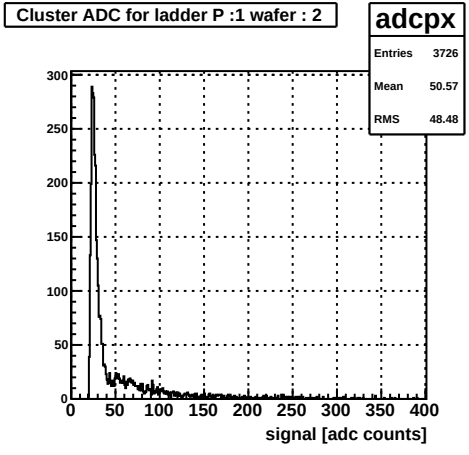

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1644
Mean 92.08
RMS 71.58
signal [adc counts]

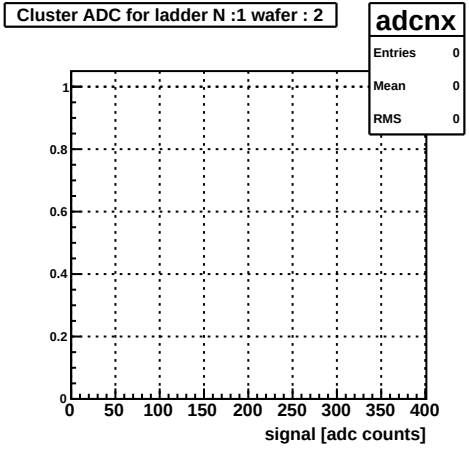

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

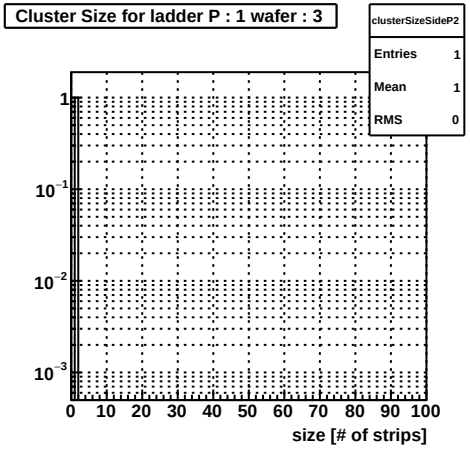

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3726
Mean 1.2
RMS 0.4924
size [# of strips]

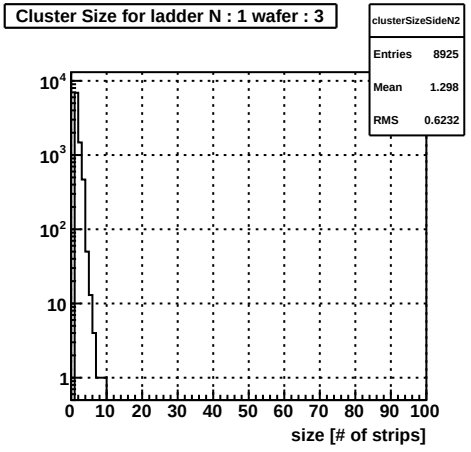

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

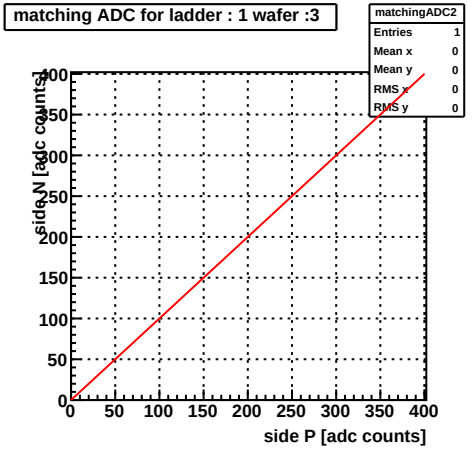

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

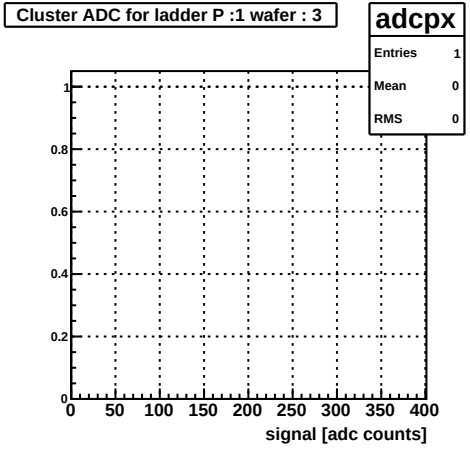

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3726
Mean 50.57
RMS 48.48
signal [adc counts]

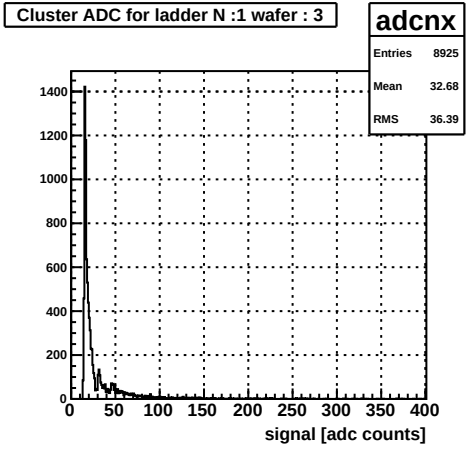

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

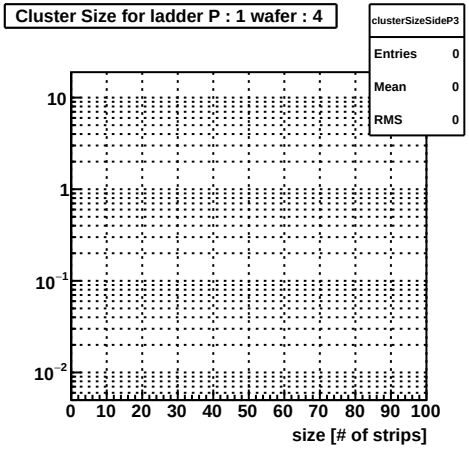

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

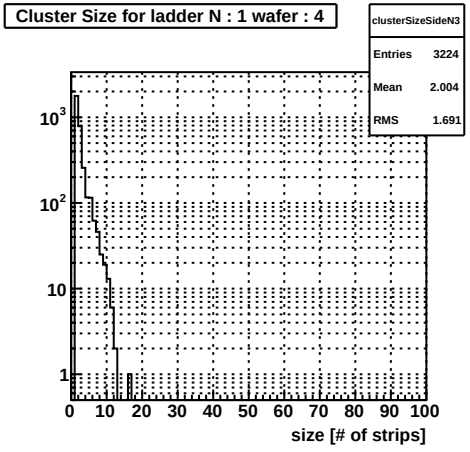

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8925
Mean 1.298
RMS 0.6232
size [# of strips]

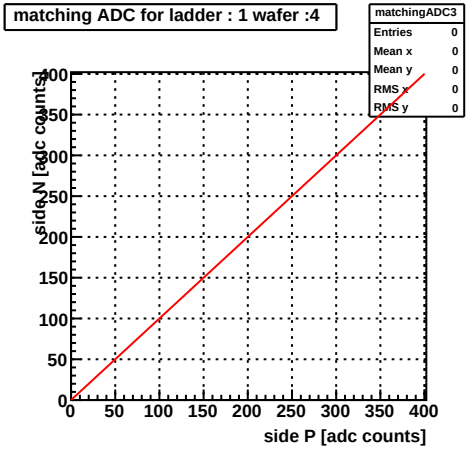

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

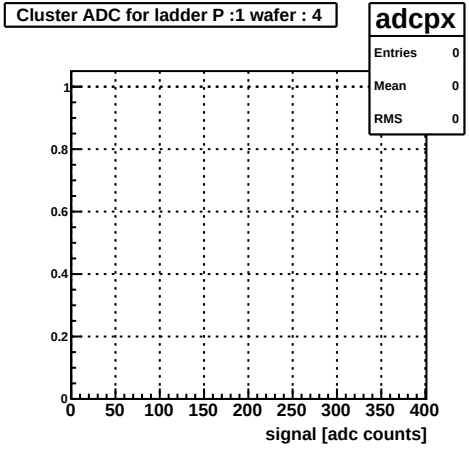

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

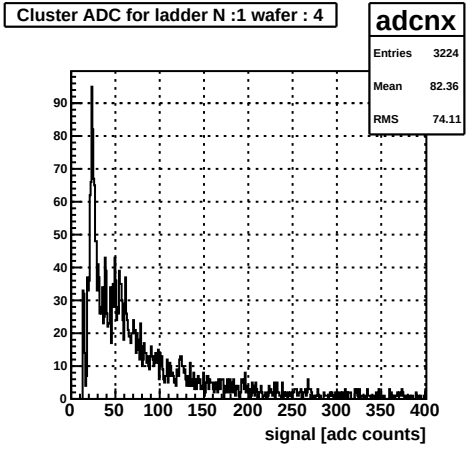

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8925
Mean 32.68
RMS 36.39
signal [adc counts]

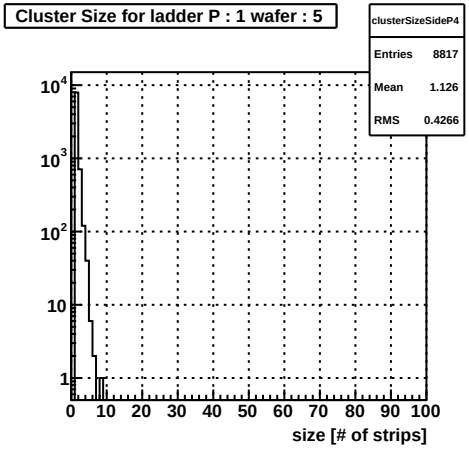

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

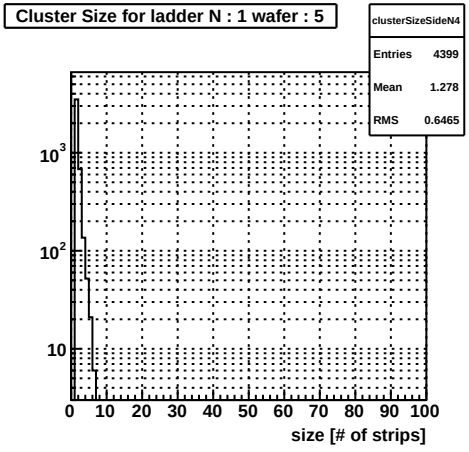

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3224
Mean 2.004
RMS 1.691
size [# of strips]

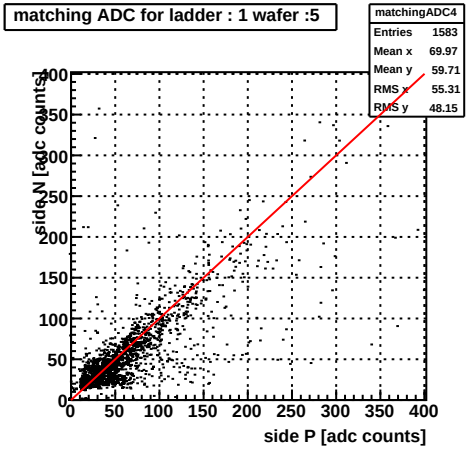

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

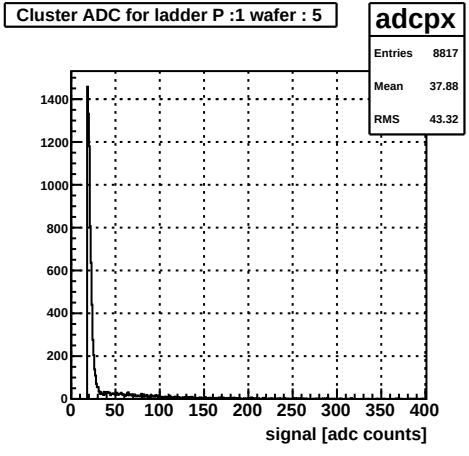

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

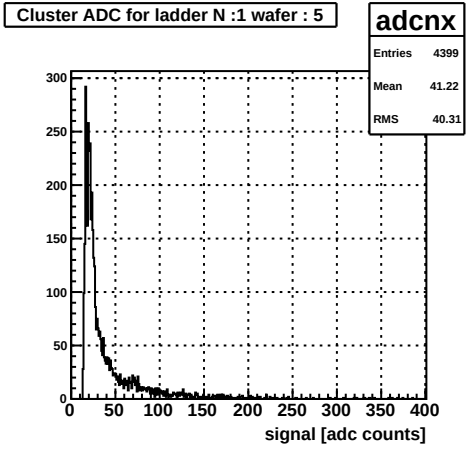

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3224
Mean 82.36
RMS 74.11
signal [adc counts]

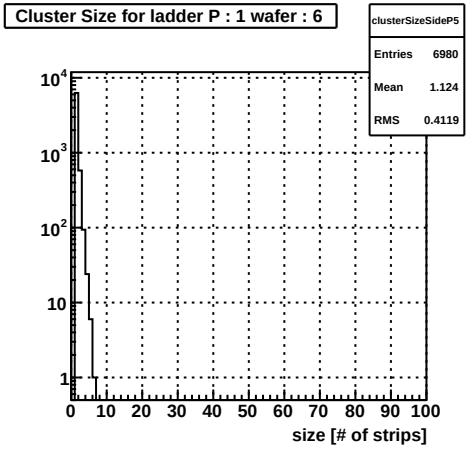

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 8817
Mean 1.126
RMS 0.4266
size [# of strips]

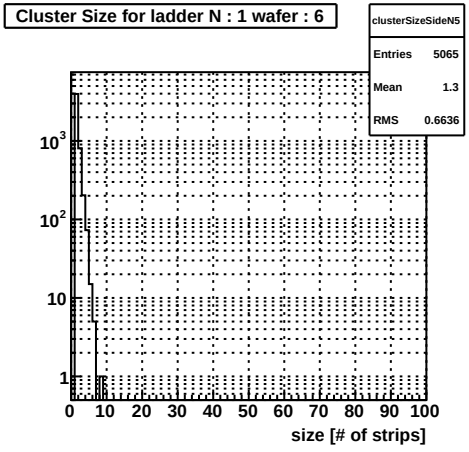

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4399
Mean 1.278
RMS 0.6465
size [# of strips]

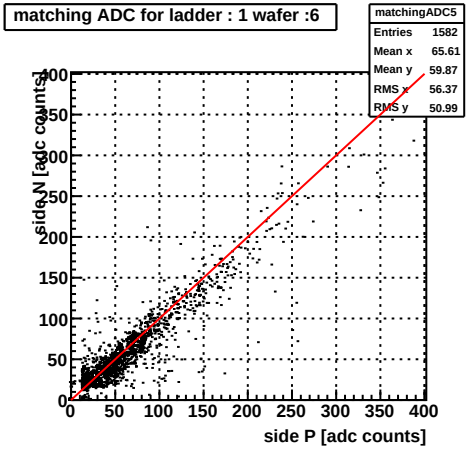

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1583
Mean x 69.97
Mean y 59.71
RMS x 55.31
RMS y 48.15
side N [adc counts]
side P [adc counts]

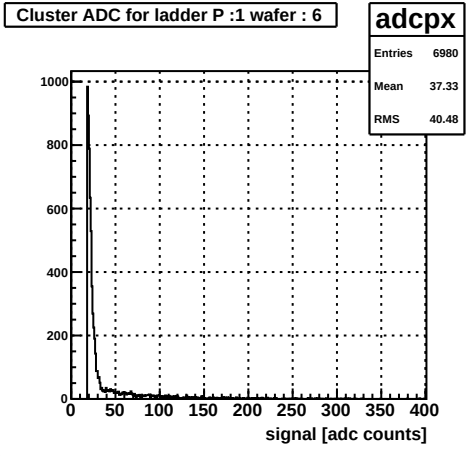

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 8817
Mean 37.88
RMS 43.32
signal [adc counts]

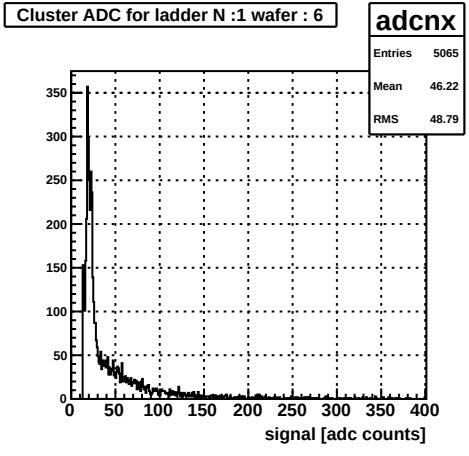

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4399
Mean 41.22
RMS 40.31
signal [adc counts]

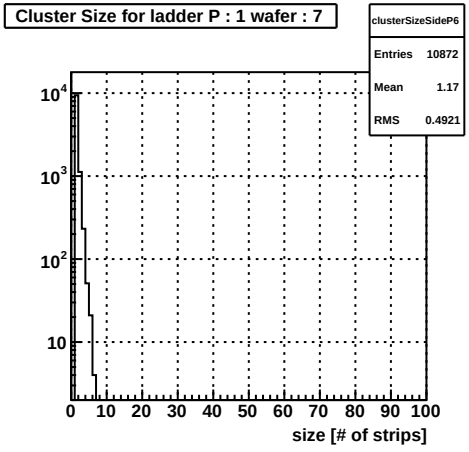

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6980
Mean 1.124
RMS 0.4119
size [# of strips]

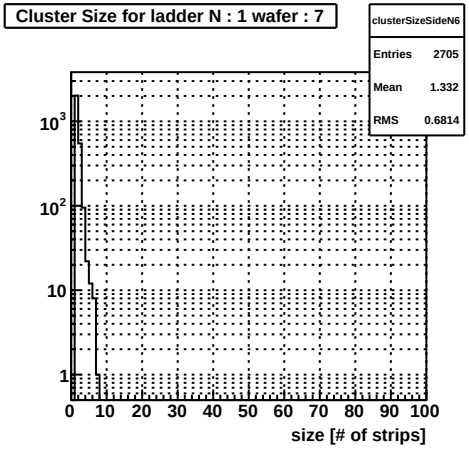

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 5065
Mean 1.3
RMS 0.6636
size [# of strips]

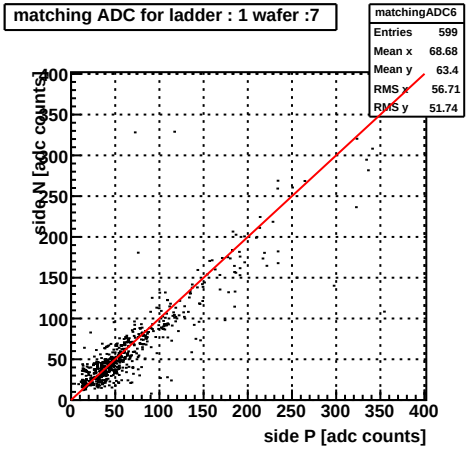

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1582
Mean x 65.61
Mean y 59.87
RMS x 56.37
RMS y 50.99
side N [adc counts]
side P [adc counts]

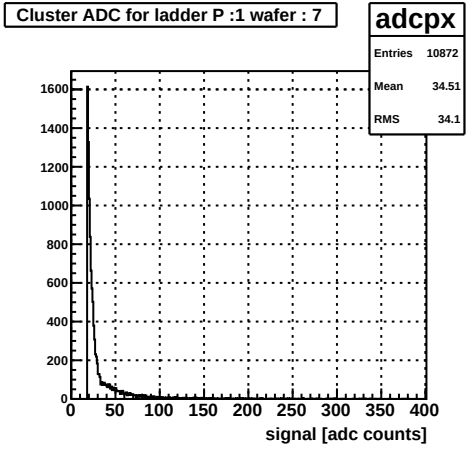

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6980
Mean 37.33
RMS 40.48
signal [adc counts]

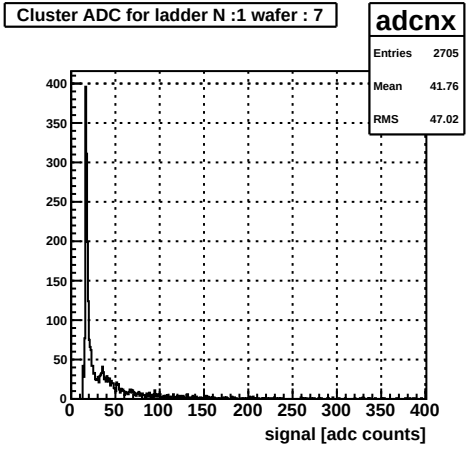

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 5065
Mean 46.22
RMS 48.79
signal [adc counts]

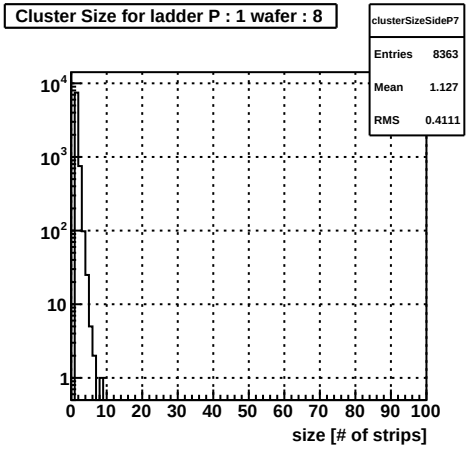

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10872
Mean 1.17
RMS 0.4921
size [# of strips]

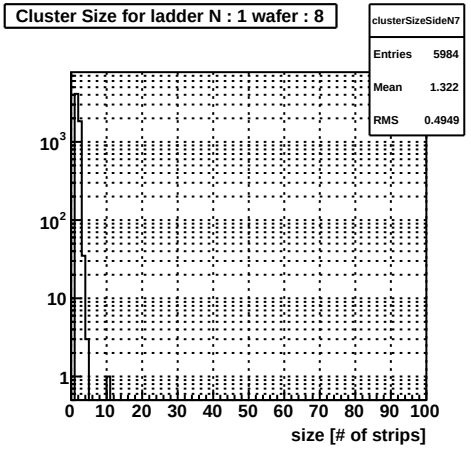

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2705
Mean 1.332
RMS 0.6814
size [# of strips]

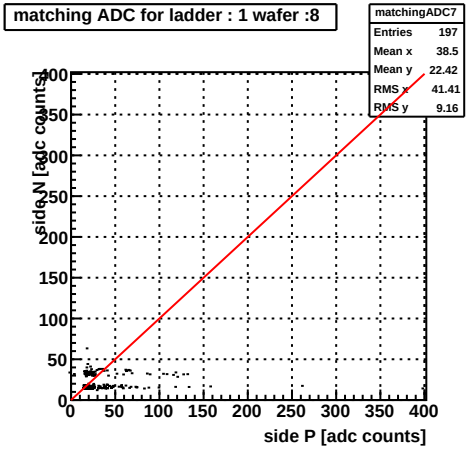

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 599
Mean x 68.68
Mean y 63.4
RMS x 56.71
RMS y 51.74
side N [adc counts]
side P [adc counts]

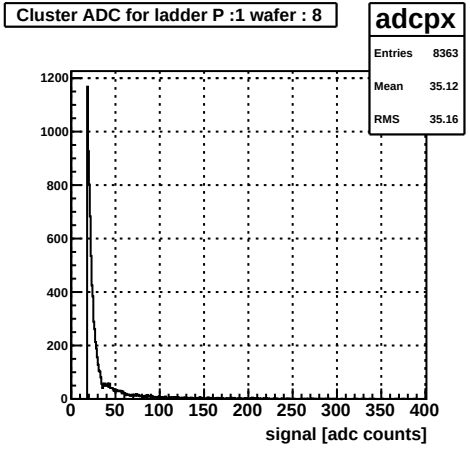

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10872
Mean 34.51
RMS 34.1
signal [adc counts]

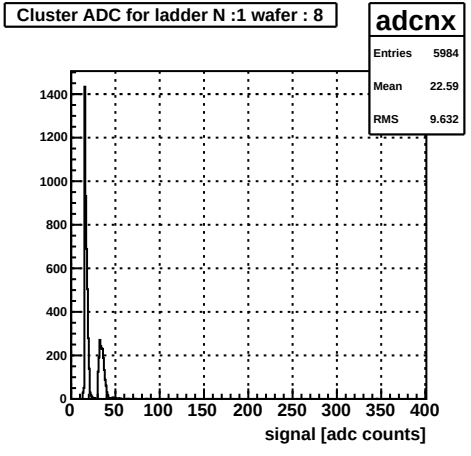

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2705
Mean 41.76
RMS 47.02
signal [adc counts]

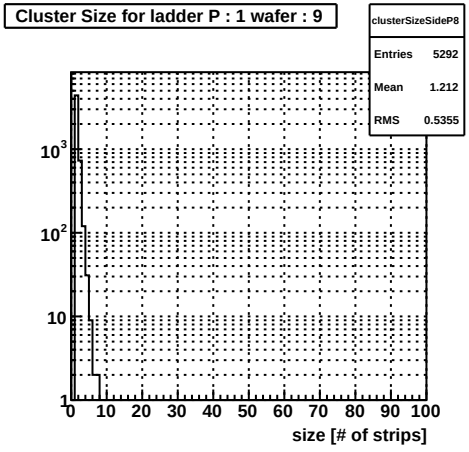

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 8363
Mean 1.127
RMS 0.4111
size [# of strips]

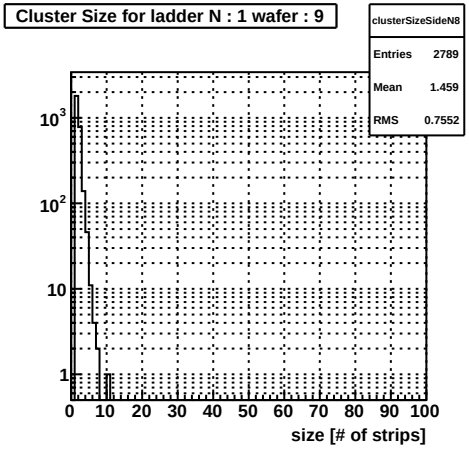

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 5984
Mean 1.322
RMS 0.4949
size [# of strips]

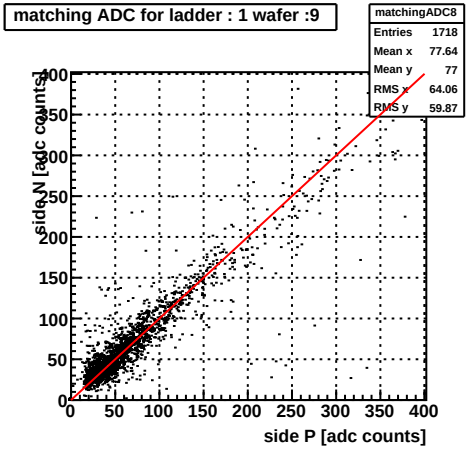

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 197
Mean x 38.5
Mean y 22.42
RMS x 41.41
RMS y 9.16
side N [adc counts]
side P [adc counts]

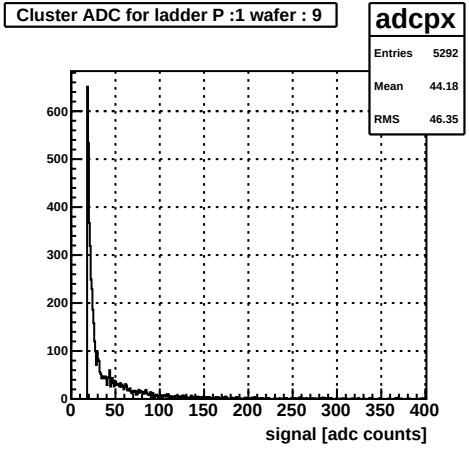

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 8363
Mean 35.12
RMS 35.16
signal [adc counts]

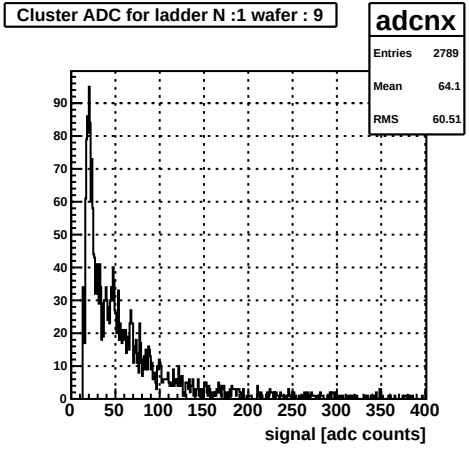

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 5984
Mean 22.59
RMS 9.632
signal [adc counts]

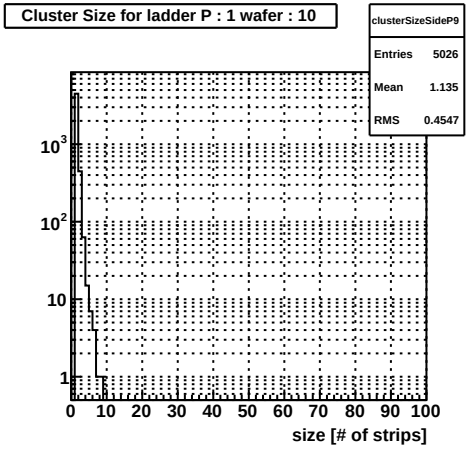

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5292
Mean 1.212
RMS 0.5355
size [# of strips]

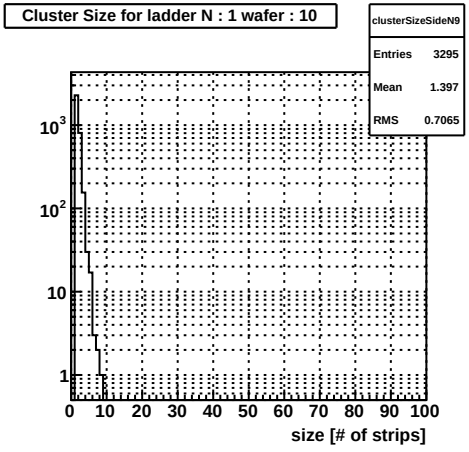

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2789
Mean 1.459
RMS 0.7552
size [# of strips]

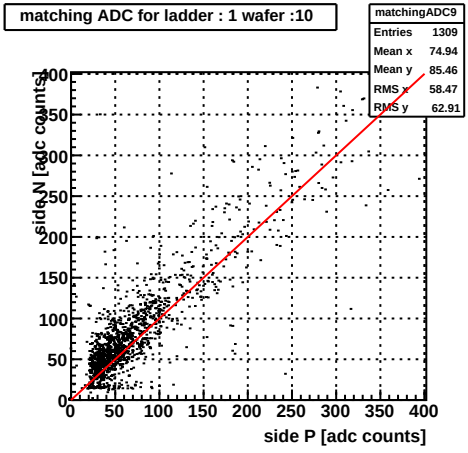

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1718
Mean x 77.64
Mean y 77
RMS x 64.06
RMS y 59.87
side N [adc counts]
side P [adc counts]

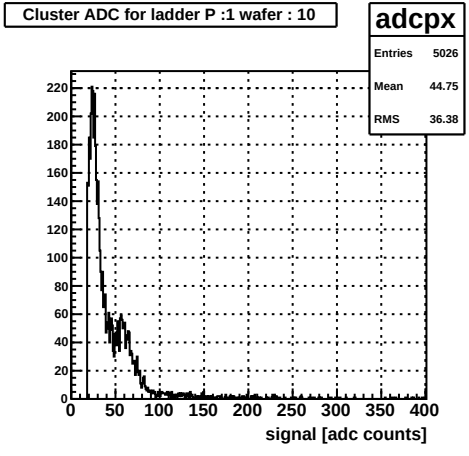

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5292
Mean 44.18
RMS 46.35
signal [adc counts]

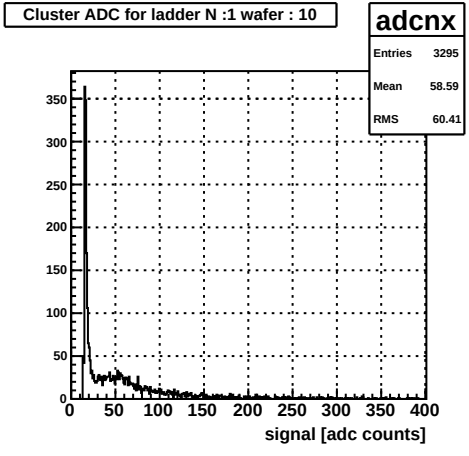

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2789
Mean 64.1
RMS 60.51
signal [adc counts]

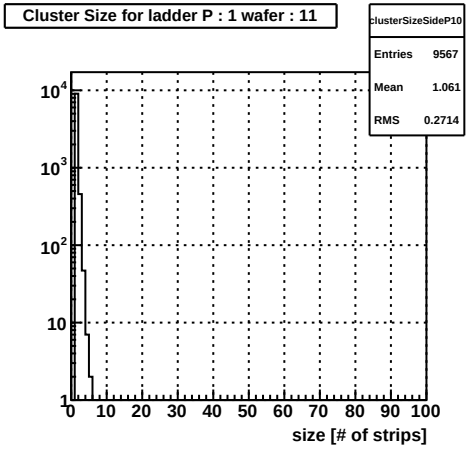

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 5026
Mean 1.135
RMS 0.4547
size [# of strips]

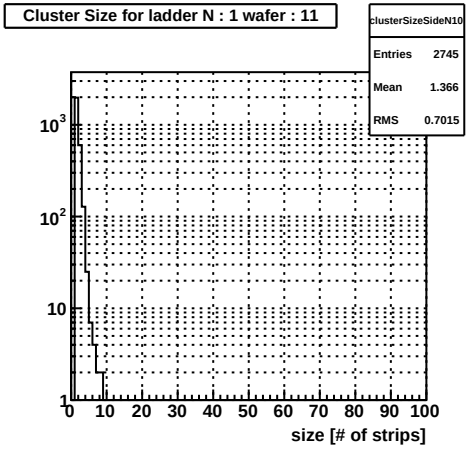

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3295
Mean 1.397
RMS 0.7065
size [# of strips]

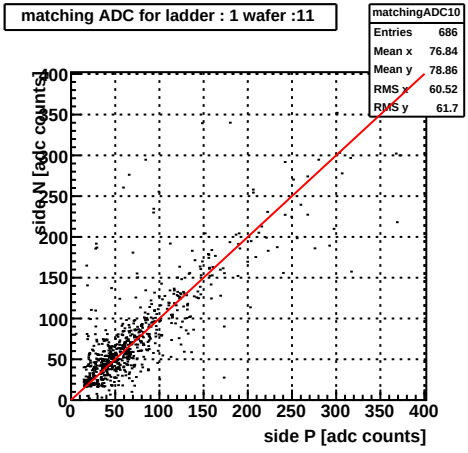

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1309
Mean x 74.94
Mean y 85.46
RMS x 58.47
RMS y 62.91
side N [adc counts]
side P [adc counts]

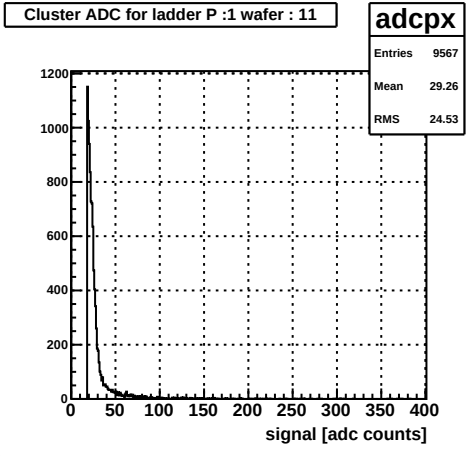

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 5026
Mean 44.75
RMS 36.38
signal [adc counts]

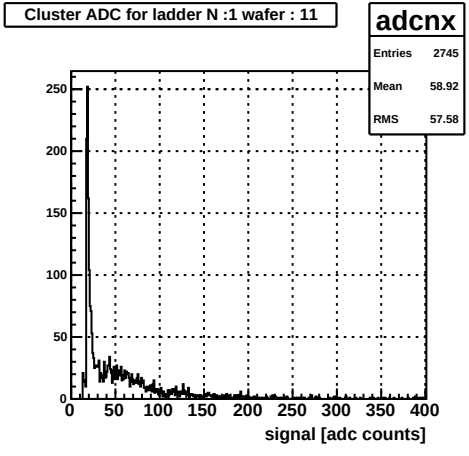

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3295
Mean 58.59
RMS 60.41
signal [adc counts]

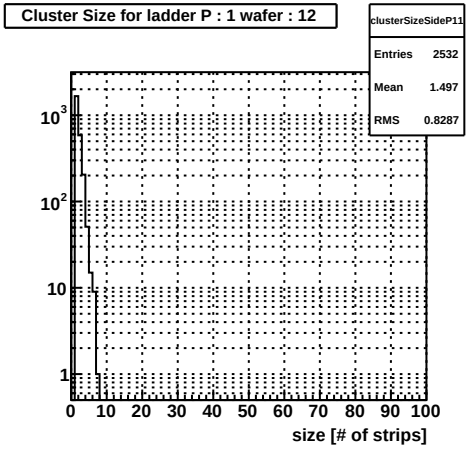

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9567
Mean 1.061
RMS 0.2714
size [# of strips]

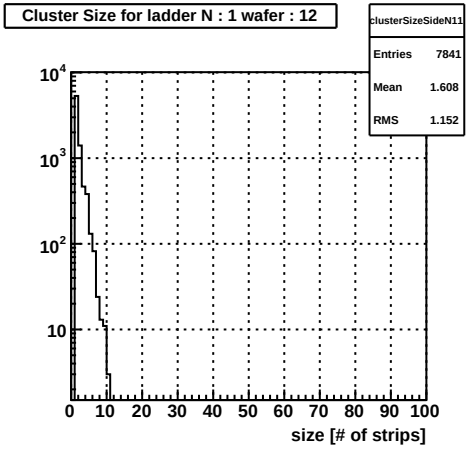

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2745
Mean 1.366
RMS 0.7015
size [# of strips]

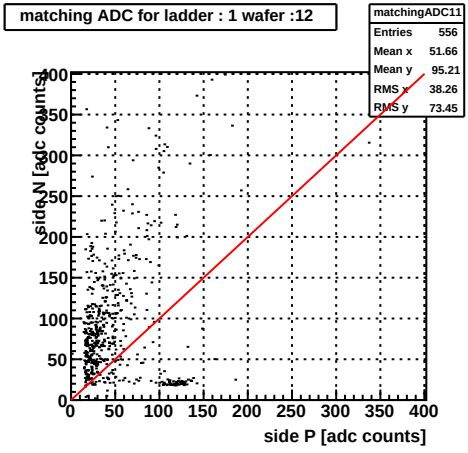

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 686
Mean x 76.84
Mean y 78.86
RMS x 60.52
RMS y 61.7
side N [adc counts]
side P [adc counts]

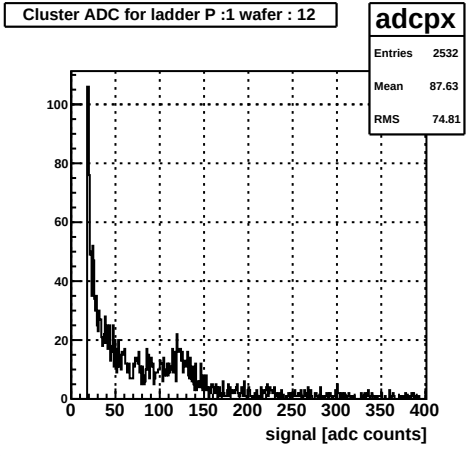

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9567
Mean 29.26
RMS 24.53
signal [adc counts]

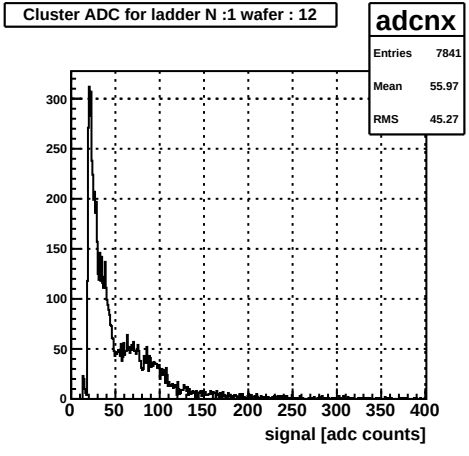

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2745
Mean 58.92
RMS 57.58
signal [adc counts]

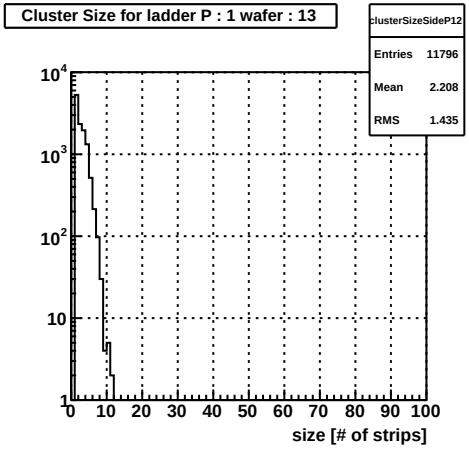

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2532
Mean 1.497
RMS 0.8287
size [# of strips]

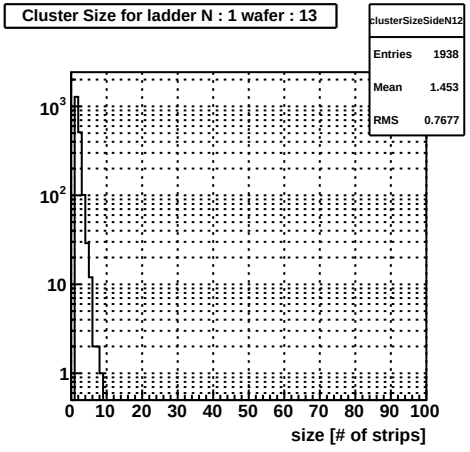

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7841
Mean 1.608
RMS 1.152
size [# of strips]

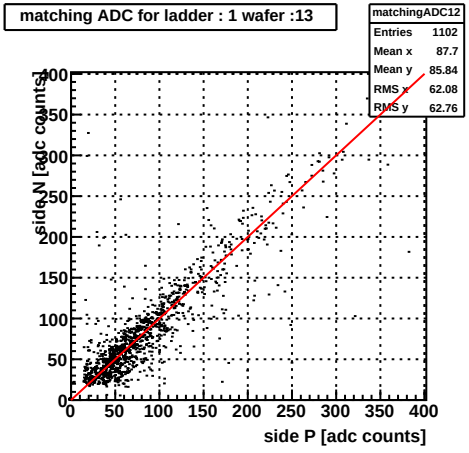

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 556
Mean x 51.66
Mean y 95.21
RMS x 38.26
RMS y 73.45
side N [adc counts]
side P [adc counts]

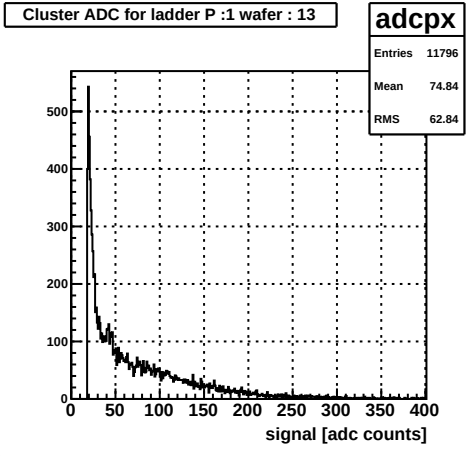

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2532
Mean 87.63
RMS 74.81
signal [adc counts]

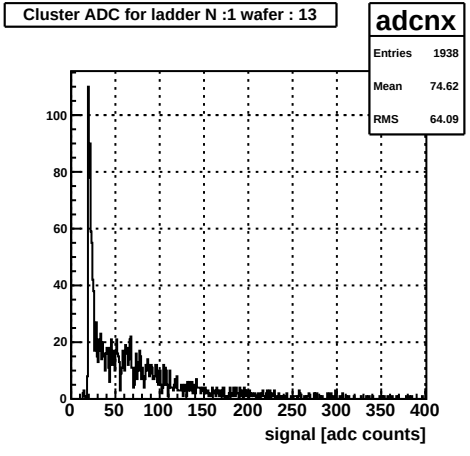

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7841
Mean 55.97
RMS 45.27
signal [adc counts]

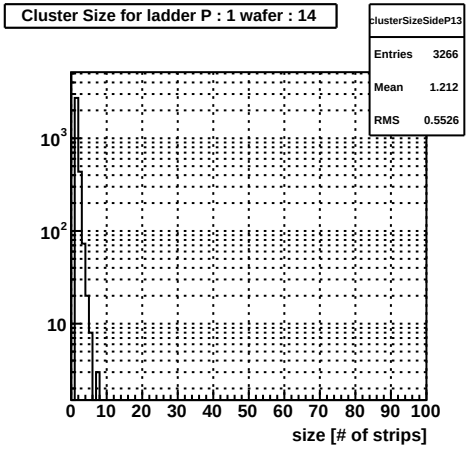

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11796
Mean 2.208
RMS 1.435
size [# of strips]

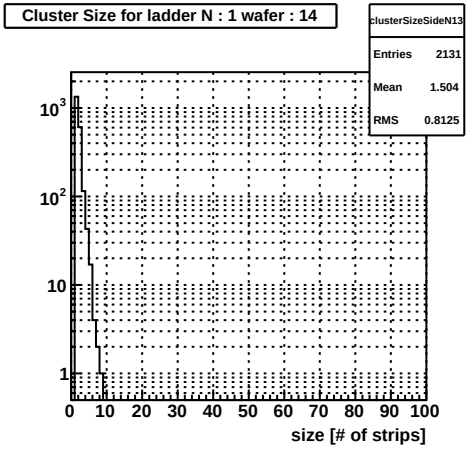

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1938
Mean 1.453
RMS 0.7677
size [# of strips]

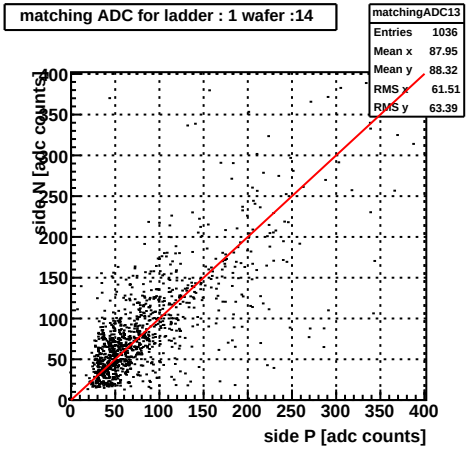

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1102
Mean x 87.7
Mean y 85.84
RMS x 62.08
RMS y 62.76
side N [adc counts]
side P [adc counts]

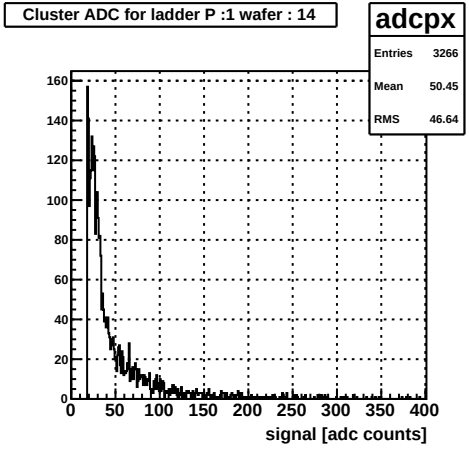

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11796
Mean 74.84
RMS 62.84
signal [adc counts]

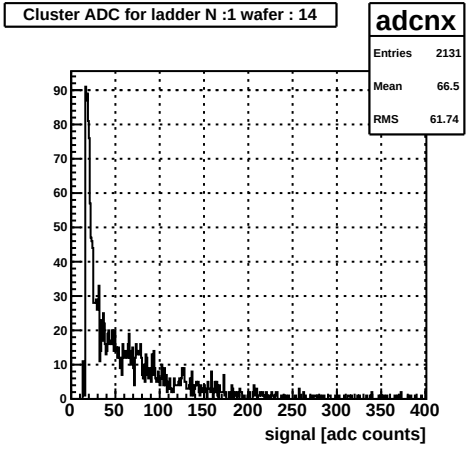

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1938
Mean 74.62
RMS 64.09
signal [adc counts]

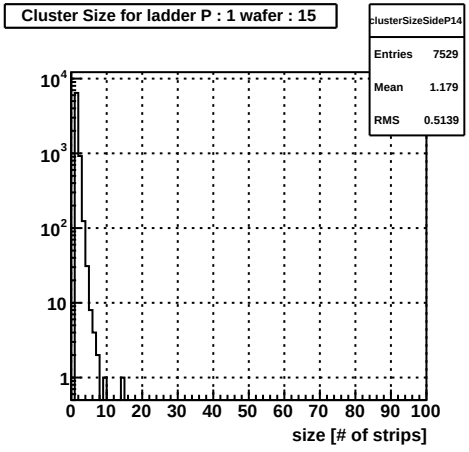

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3266
Mean 1.212
RMS 0.5526
size [# of strips]

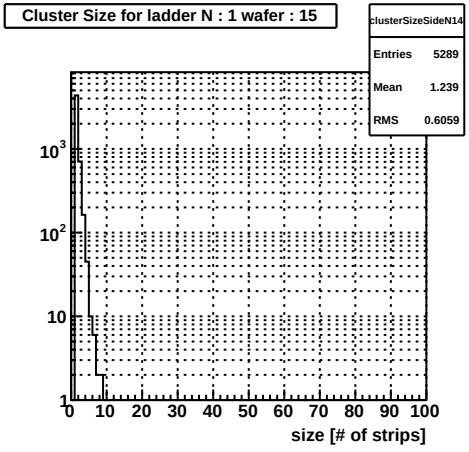

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2131
Mean 1.504
RMS 0.8125
size [# of strips]

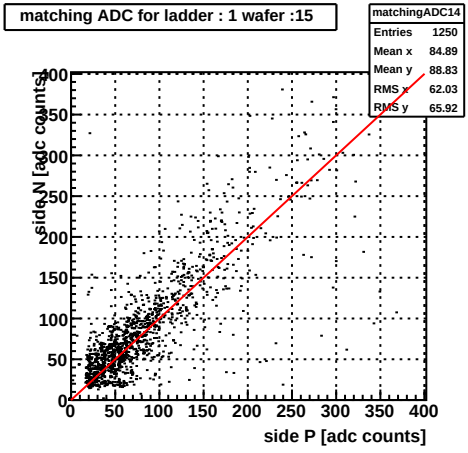

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1036
Mean x 87.95
Mean y 88.32
RMS x 61.51
RMS y 63.39
side N [adc counts]
side P [adc counts]

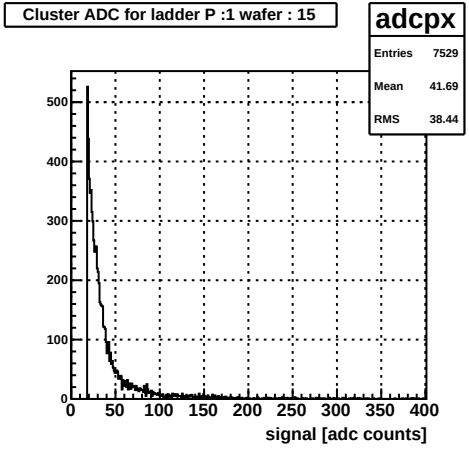

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3266
Mean 50.45
RMS 46.64
signal [adc counts]

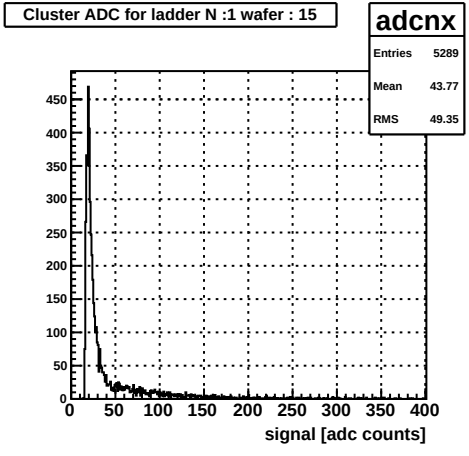

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2131
Mean 66.5
RMS 61.74
signal [adc counts]

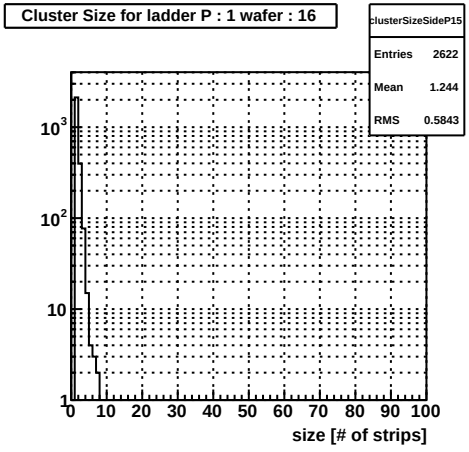

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7529
Mean 1.179
RMS 0.5139
size [# of strips]

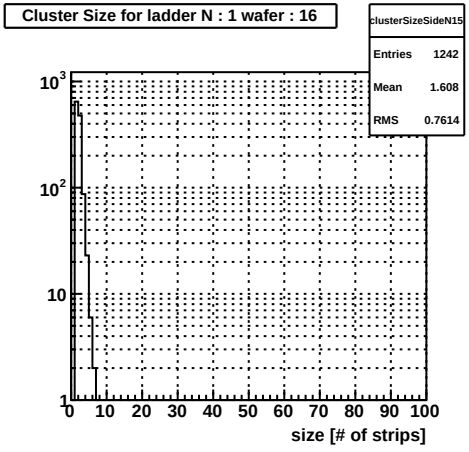

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5289
Mean 1.239
RMS 0.6059
size [# of strips]

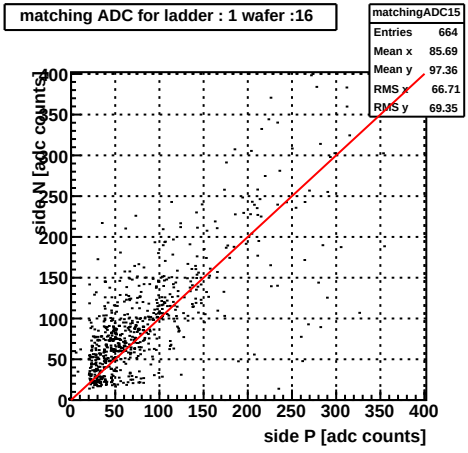

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1250
Mean x 84.89
Mean y 88.83
RMS x 62.03
RMS y 65.92
side N [adc counts]
side P [adc counts]

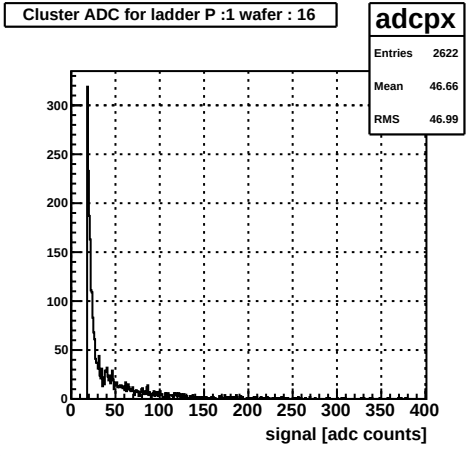

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7529
Mean 41.69
RMS 38.44
signal [adc counts]

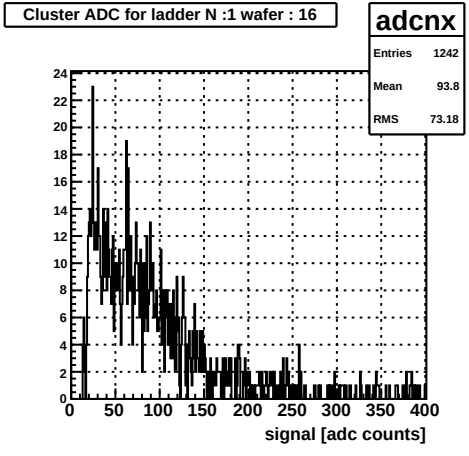

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5289
Mean 43.77
RMS 49.35
signal [adc counts]

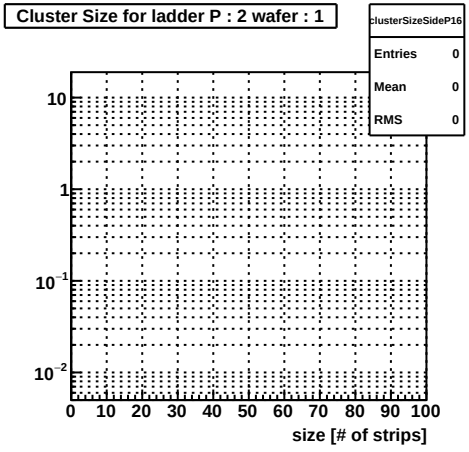

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2622
Mean 1.244
RMS 0.5843
size [# of strips]

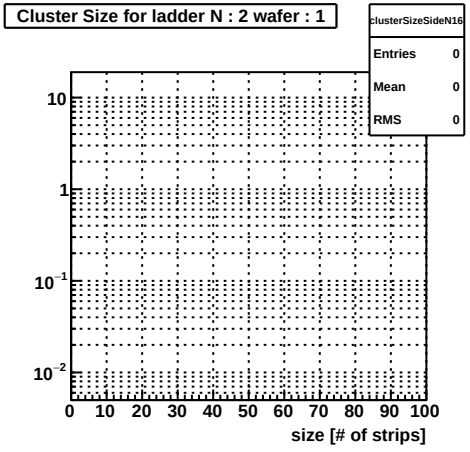

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1242
Mean 1.608
RMS 0.7614
size [# of strips]

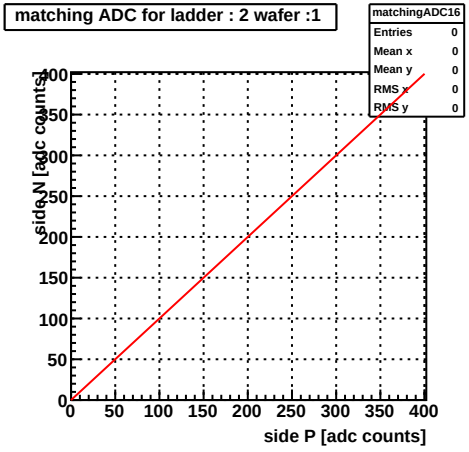

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 664
Mean x 85.69
Mean y 97.36
RMS x 66.71
RMS y 69.35
side N [adc counts]
side P [adc counts]

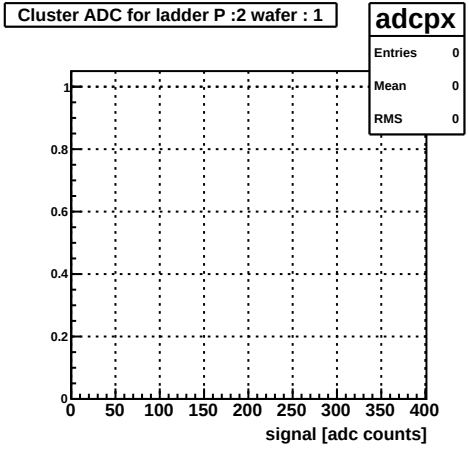

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2622
Mean 46.66
RMS 46.99
signal [adc counts]

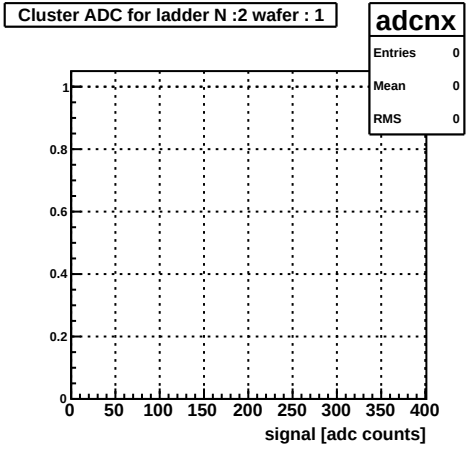

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1242
Mean 93.8
RMS 73.18
signal [adc counts]

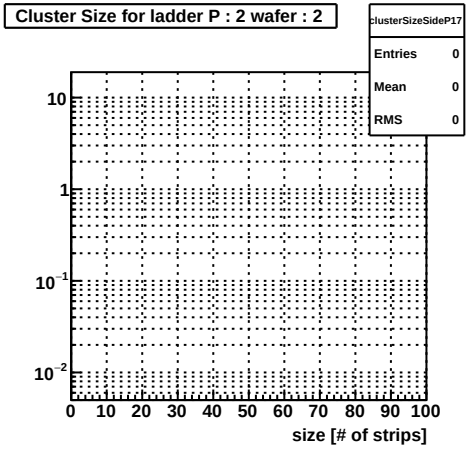

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

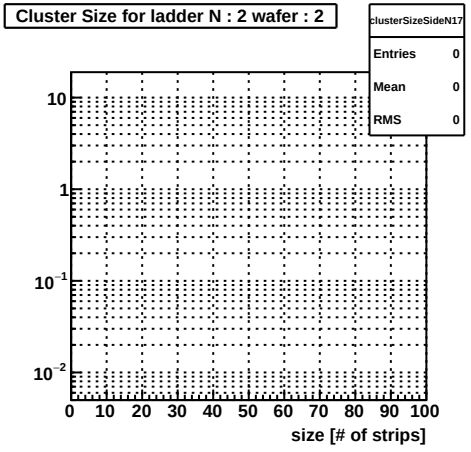

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

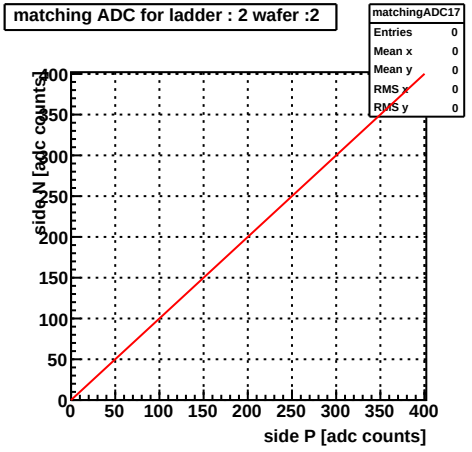

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

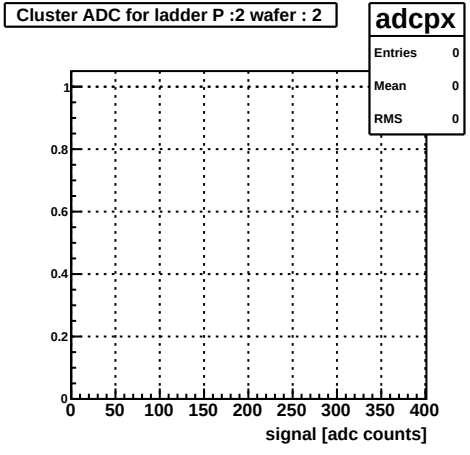

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

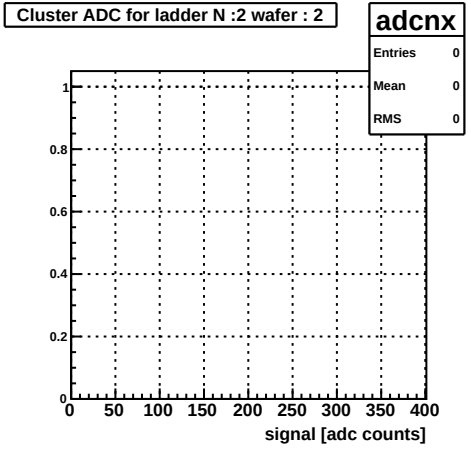

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

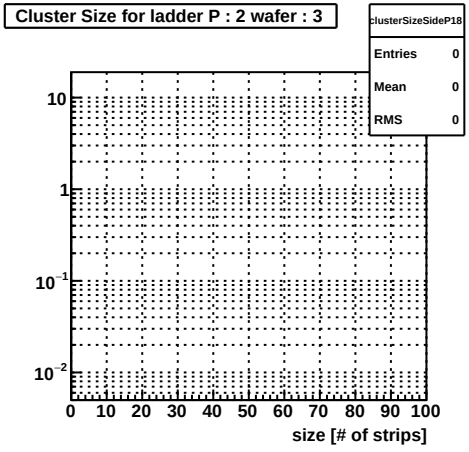

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

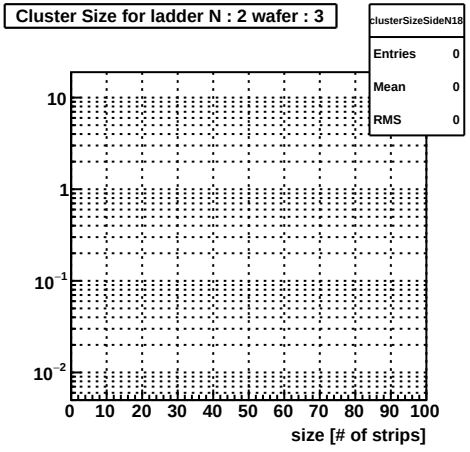

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

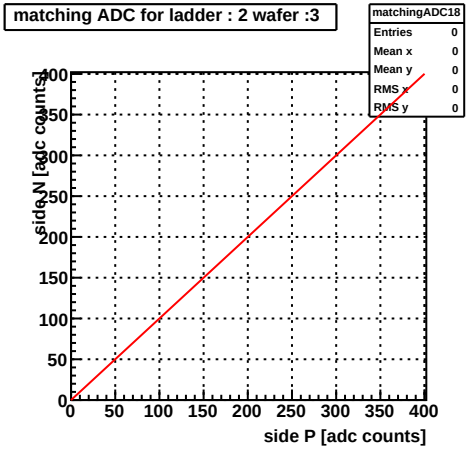

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

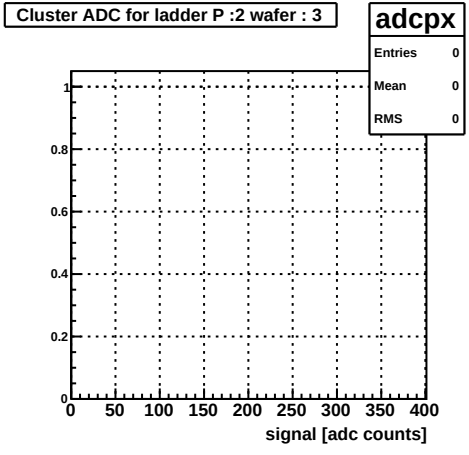

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

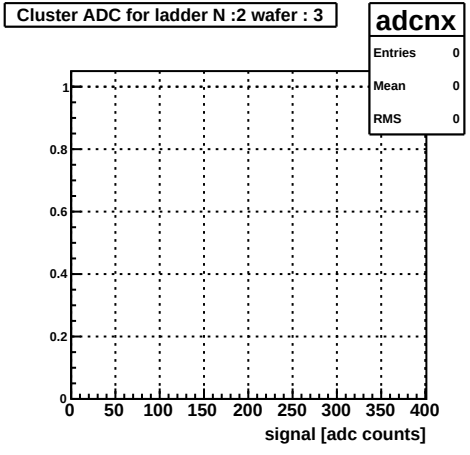

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

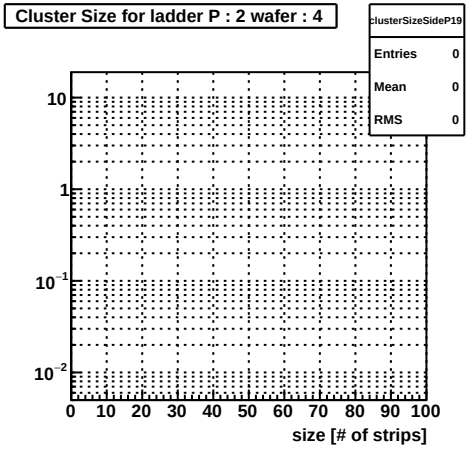

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

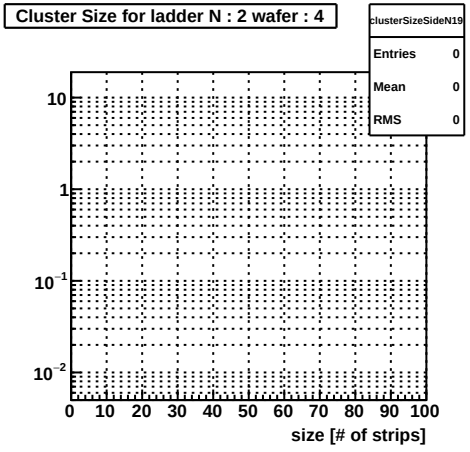

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

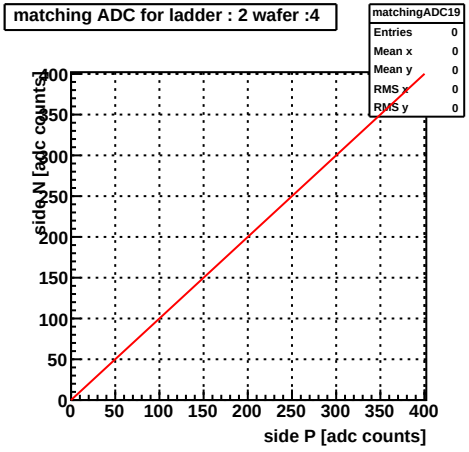

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

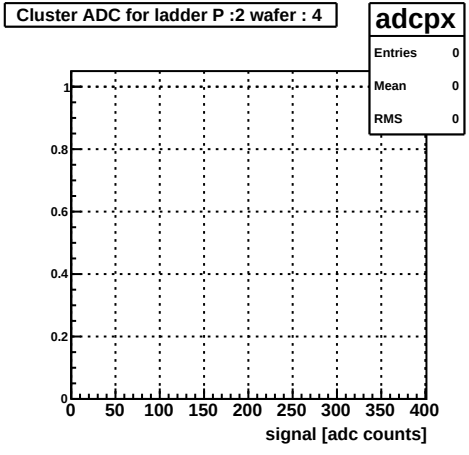

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

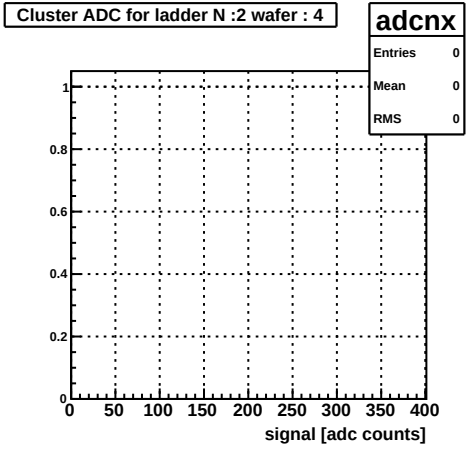

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

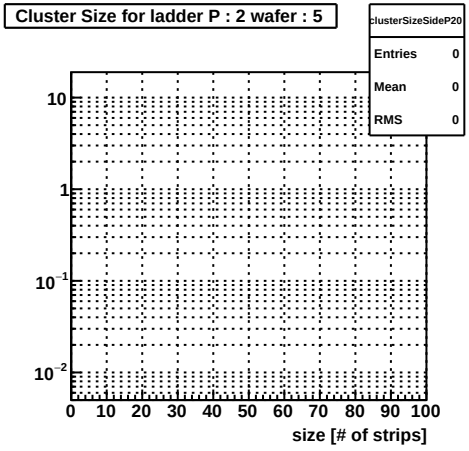

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

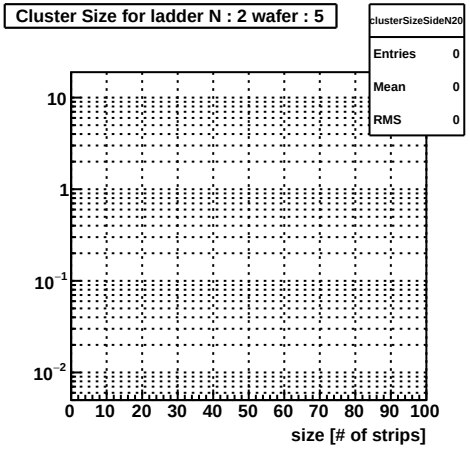

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

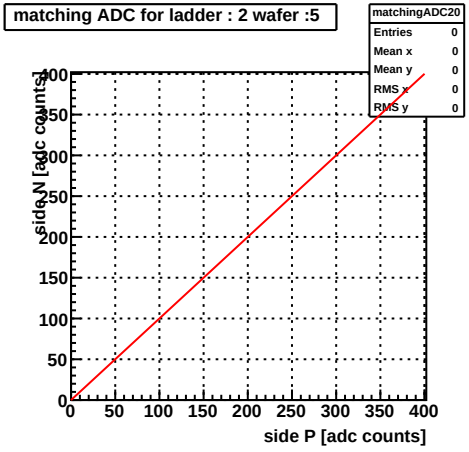

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

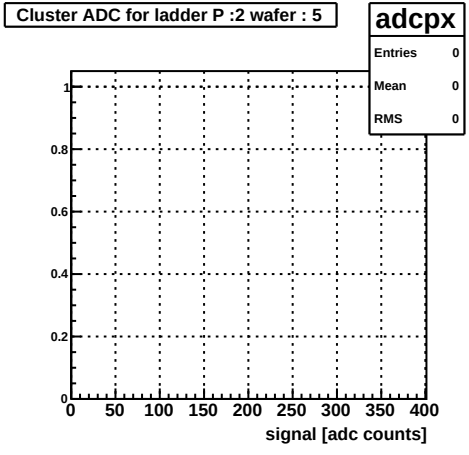

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

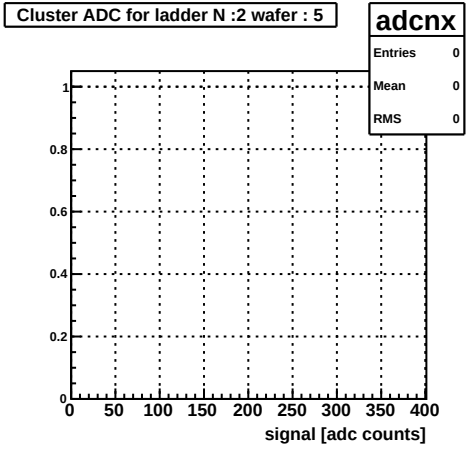

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

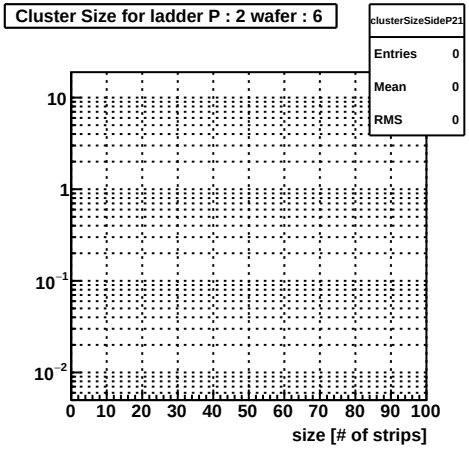

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

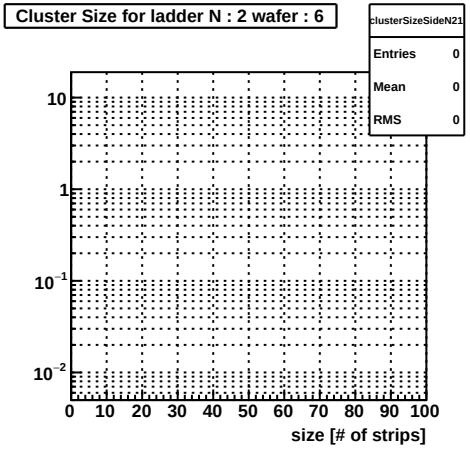

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

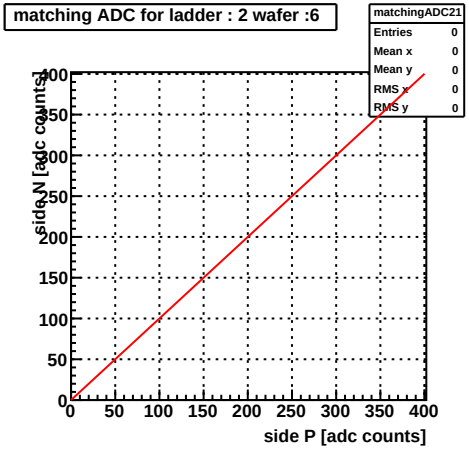

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

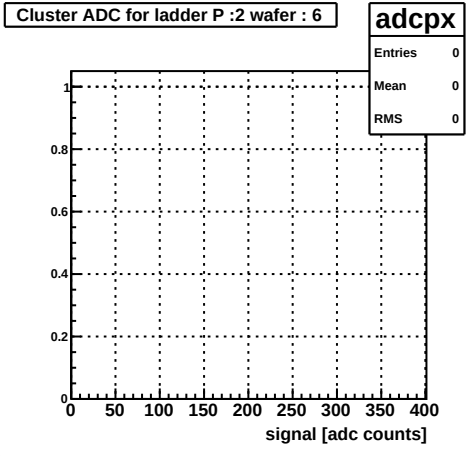

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

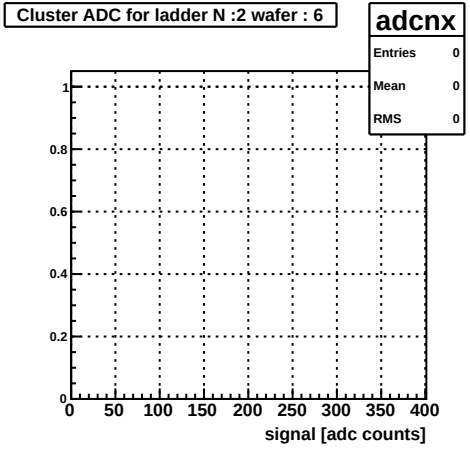

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

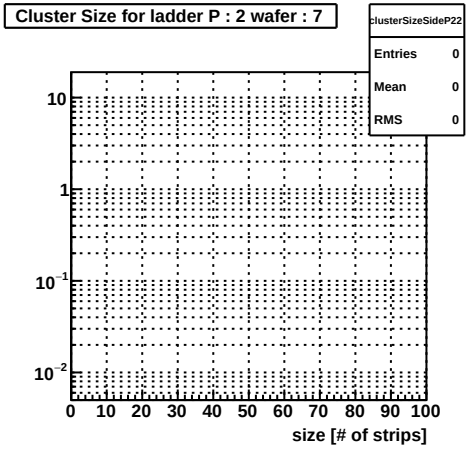

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

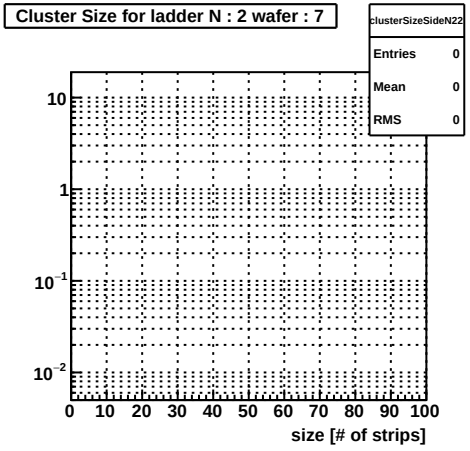

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

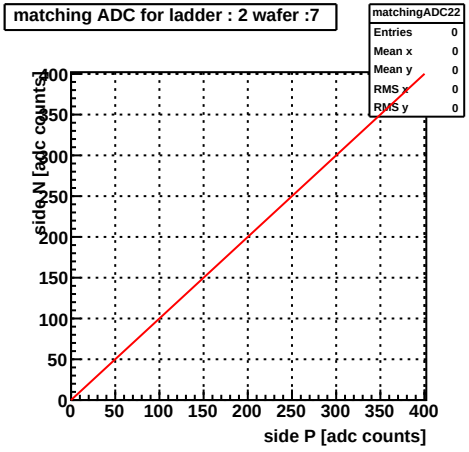

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

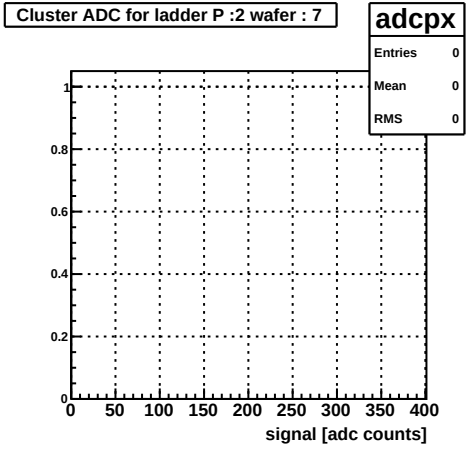

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

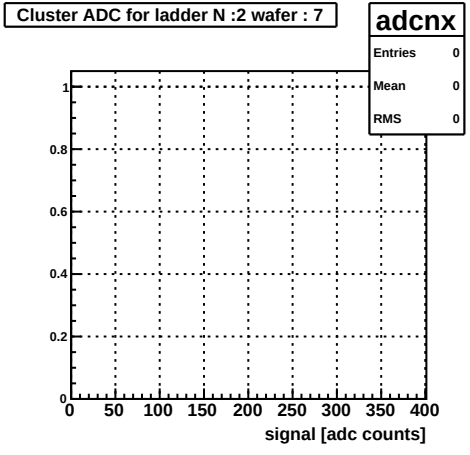

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

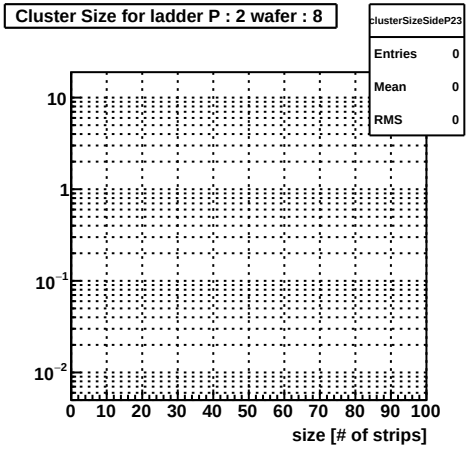

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

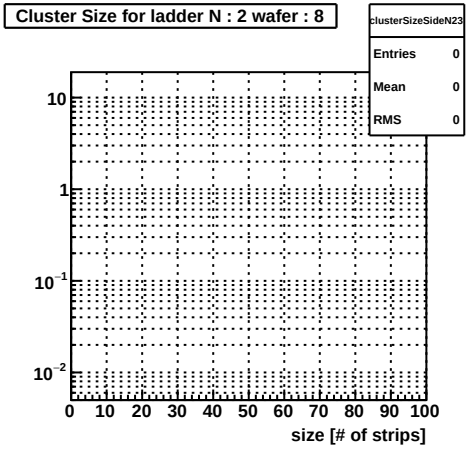

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

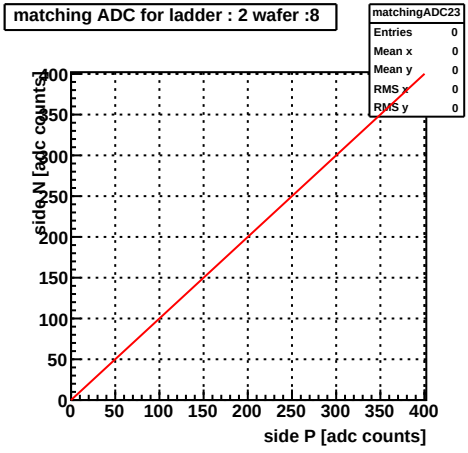

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

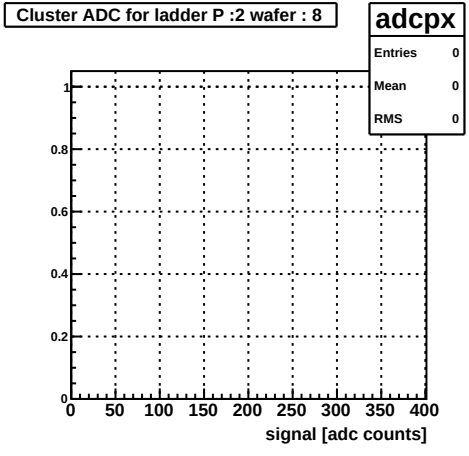

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

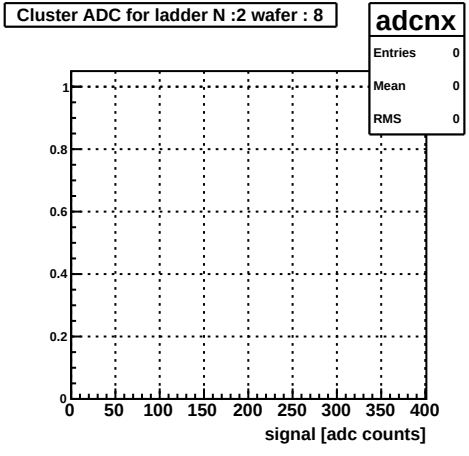

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

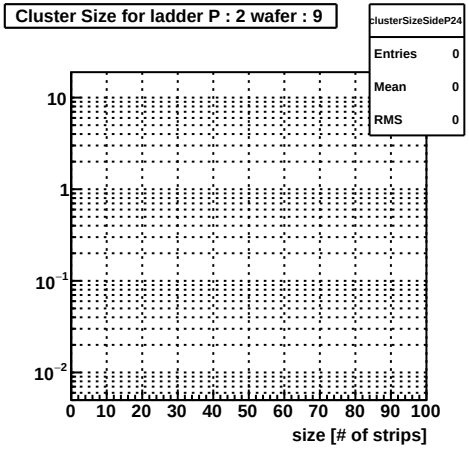

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

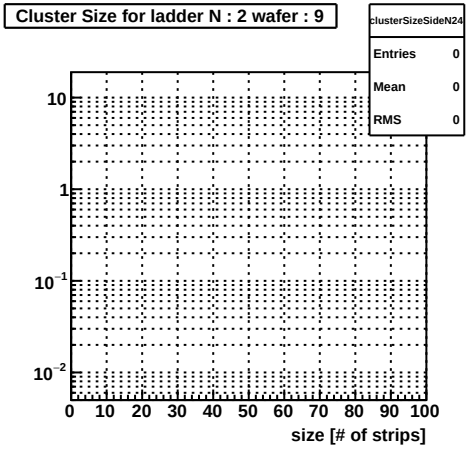

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

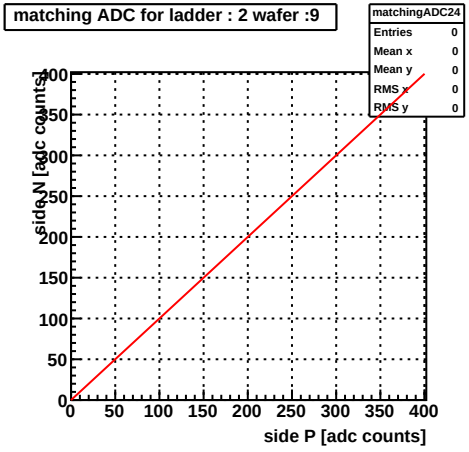

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

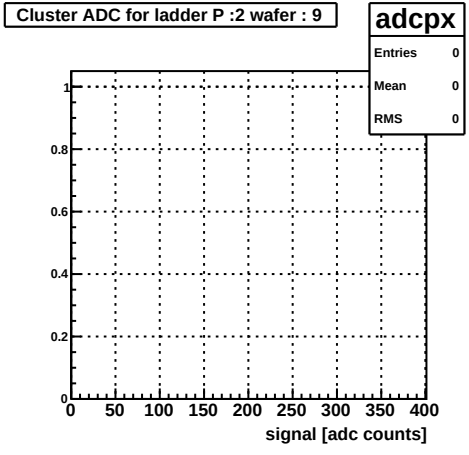

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

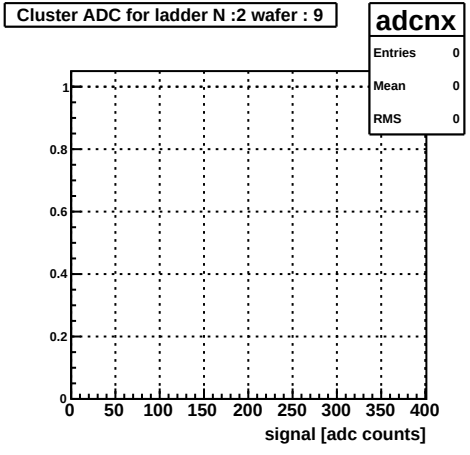

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

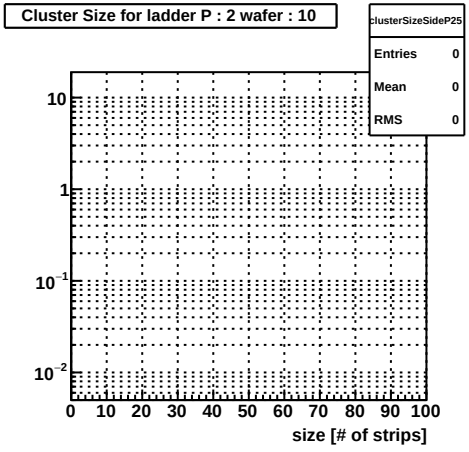

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

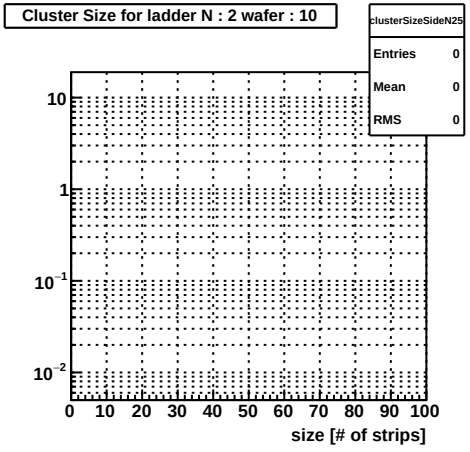

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

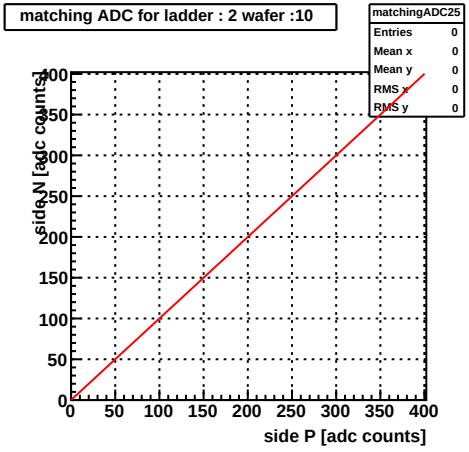

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

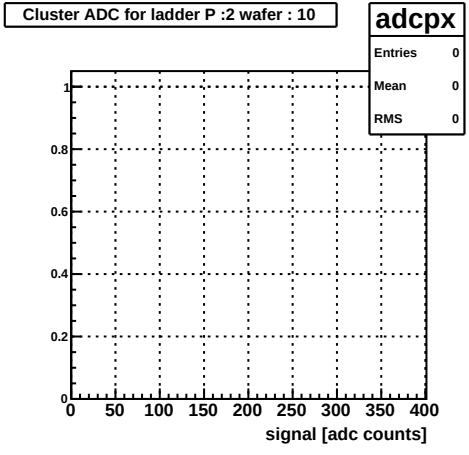

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

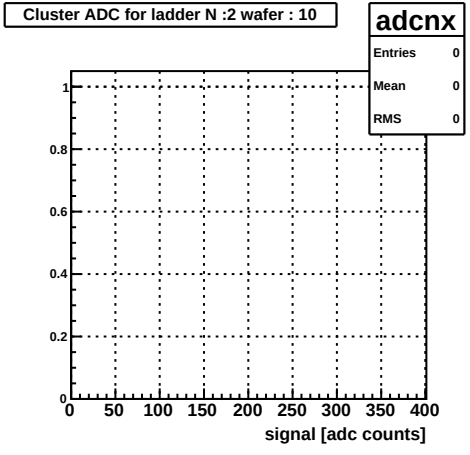

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

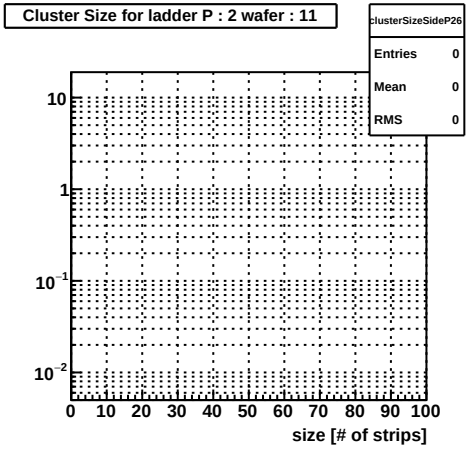

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

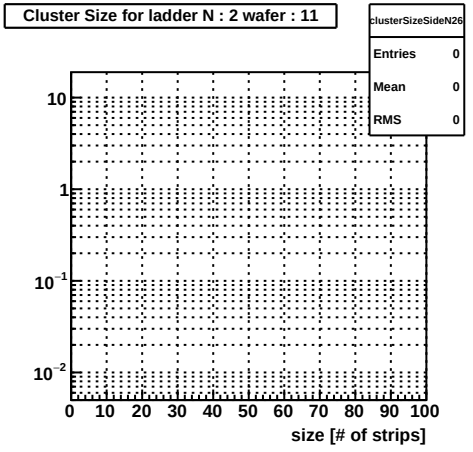

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

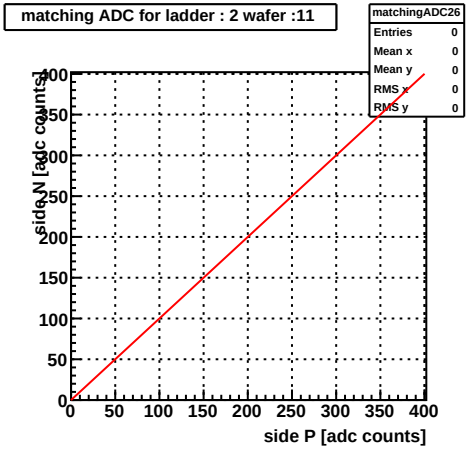

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

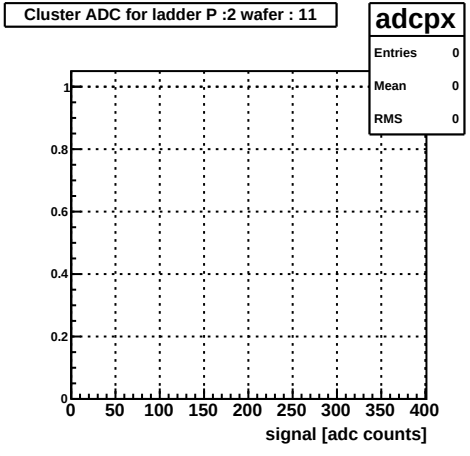

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

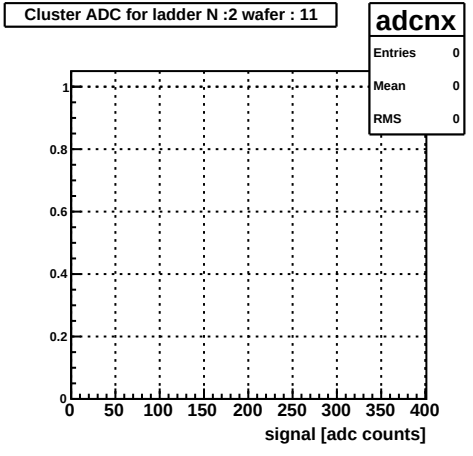

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

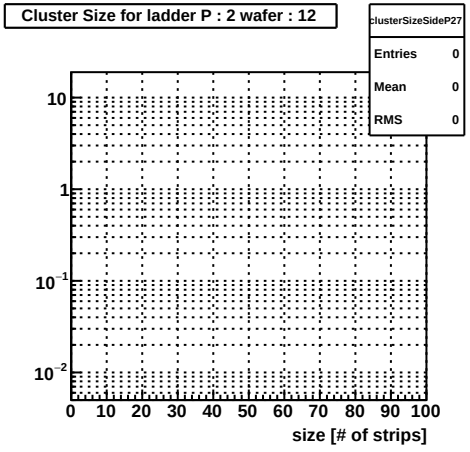

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

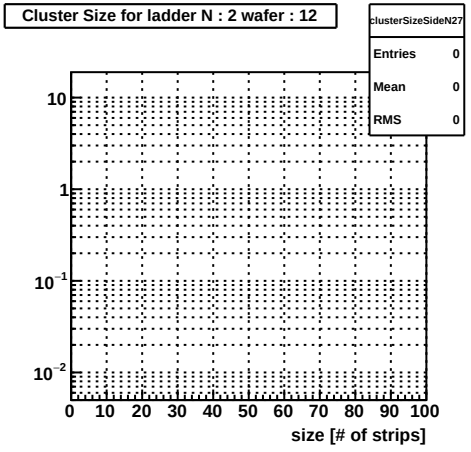

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

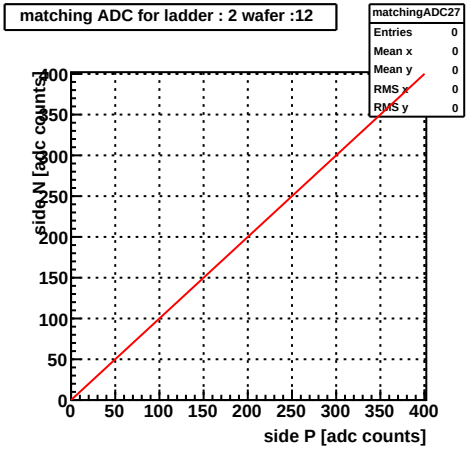

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

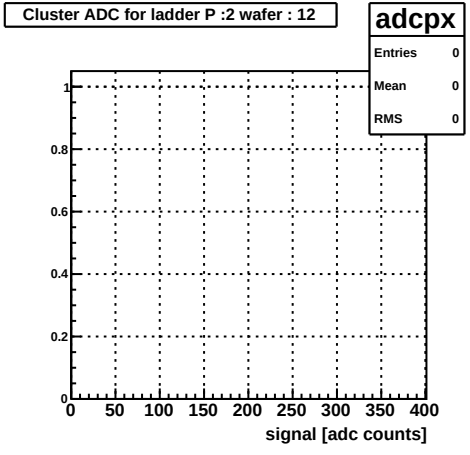

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

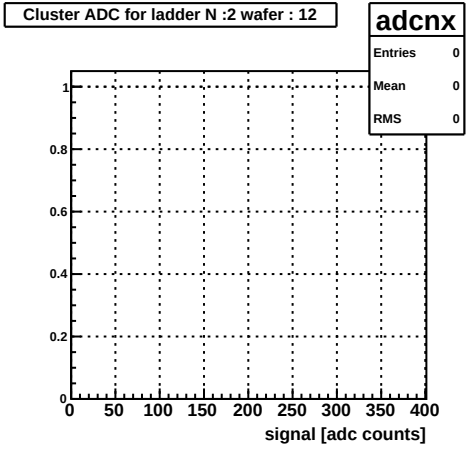

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

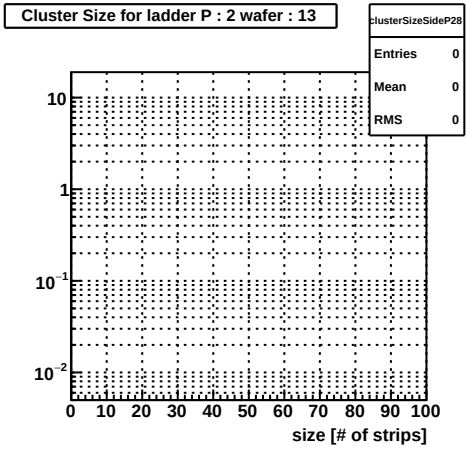

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

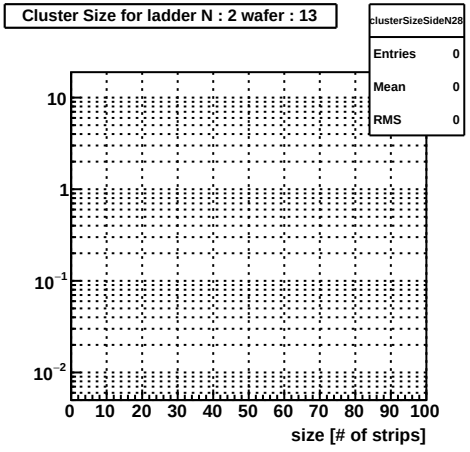

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

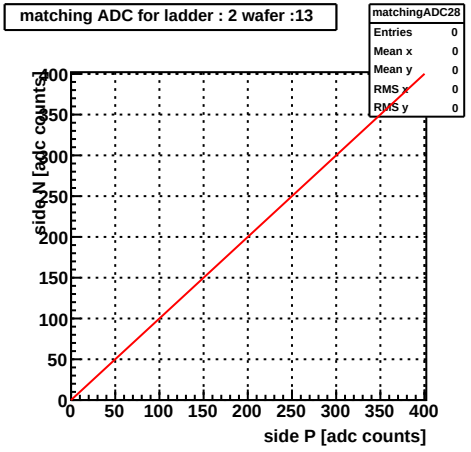

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

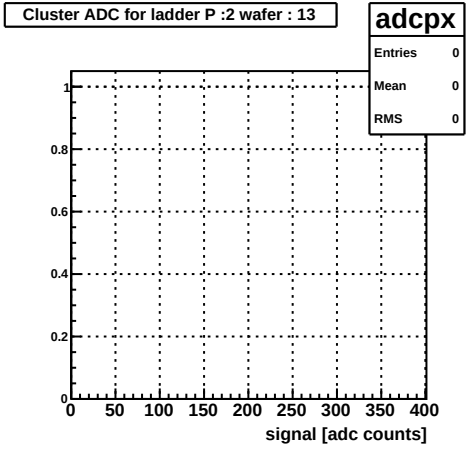

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

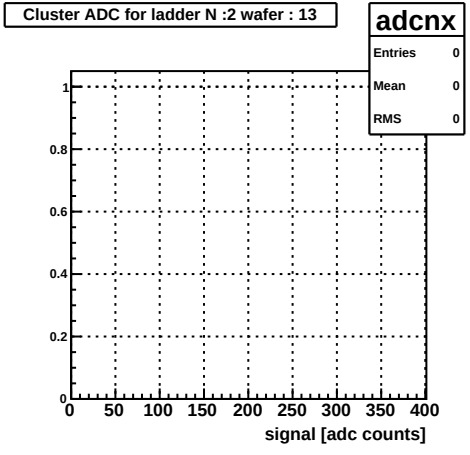

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

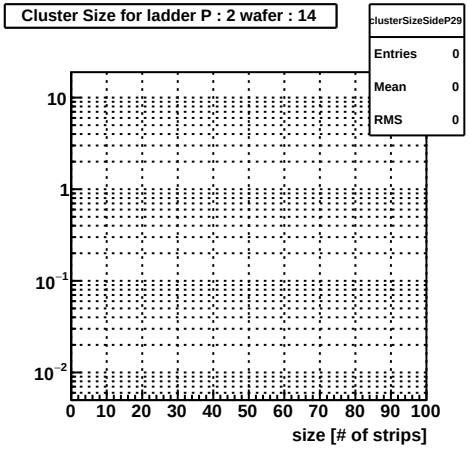

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

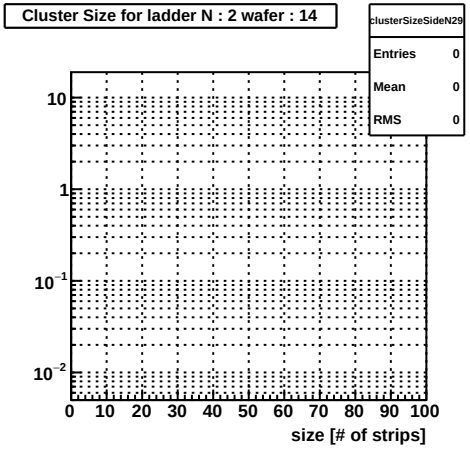

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

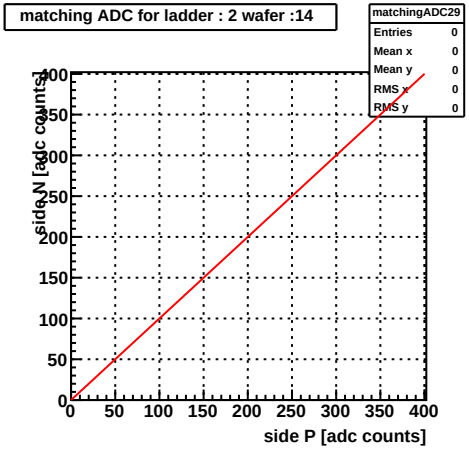

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

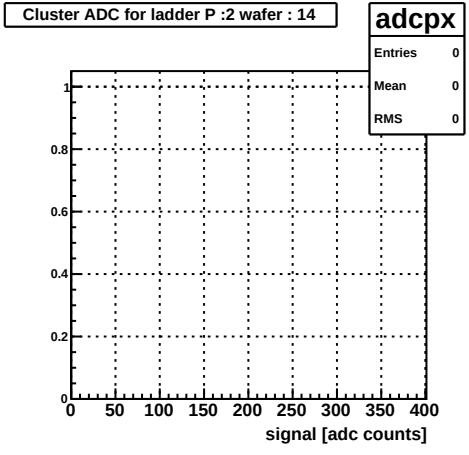

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

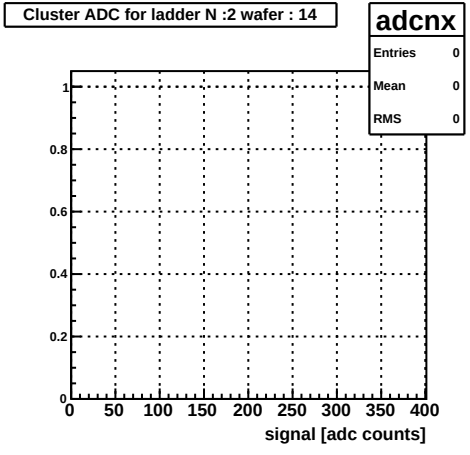

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

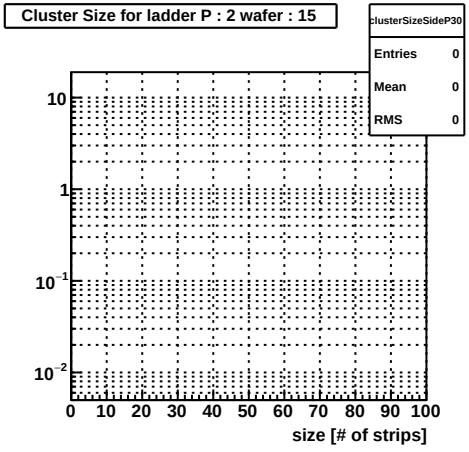

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

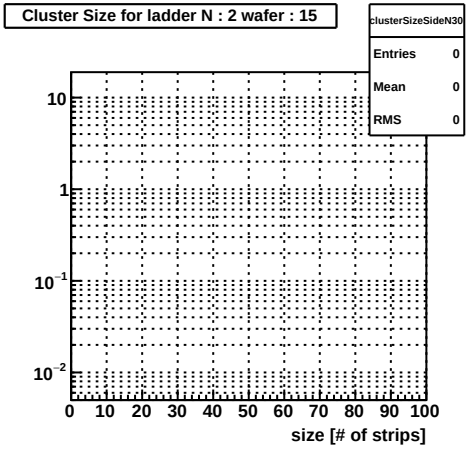

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

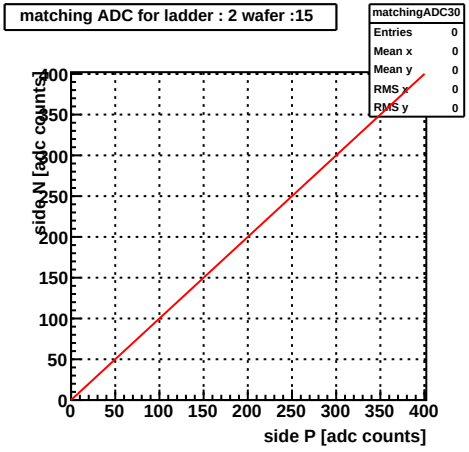

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

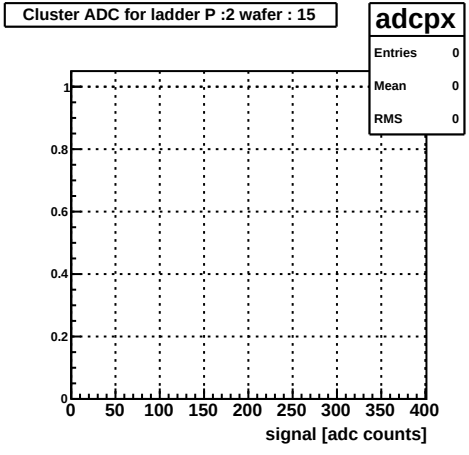

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

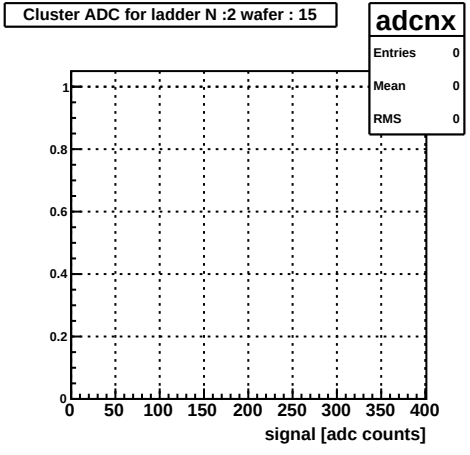

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

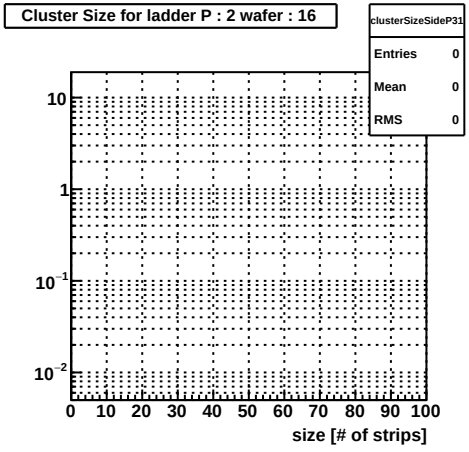

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

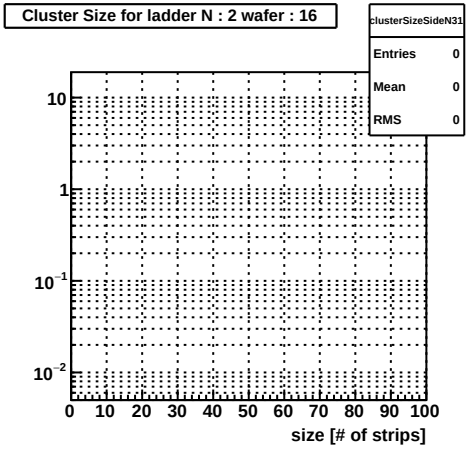

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

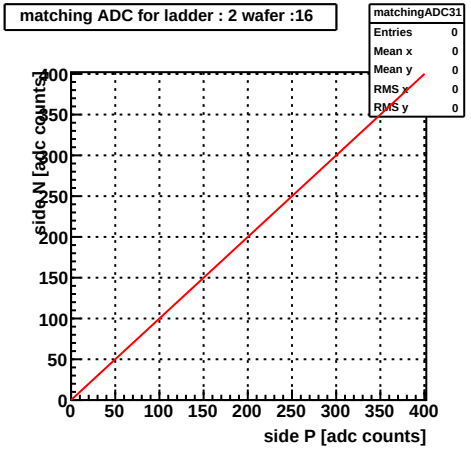

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

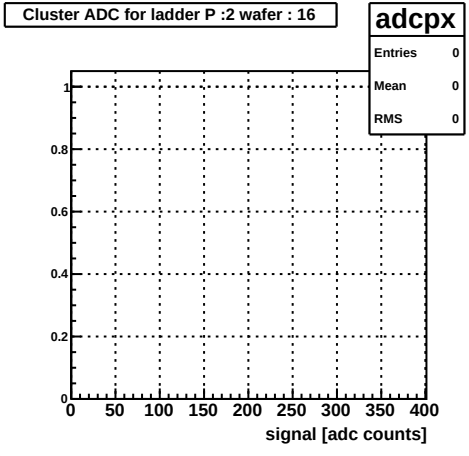

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

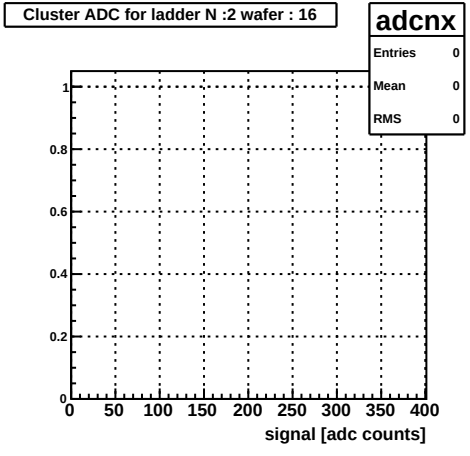

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

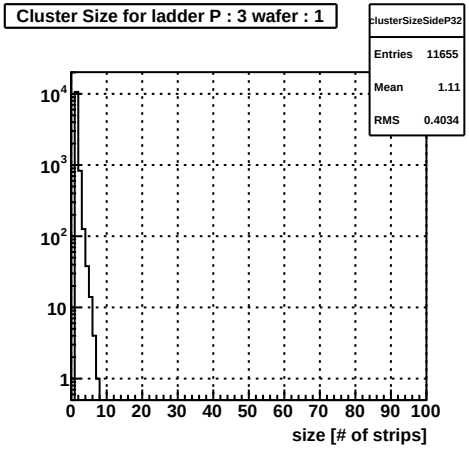

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

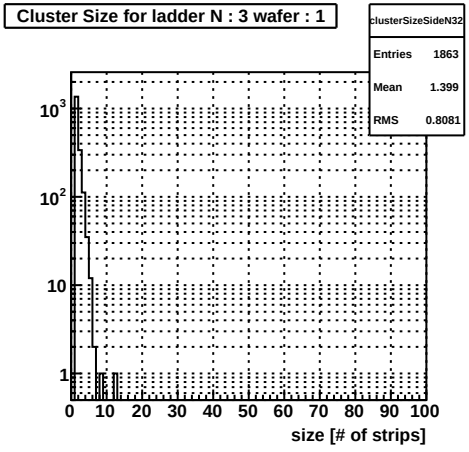

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

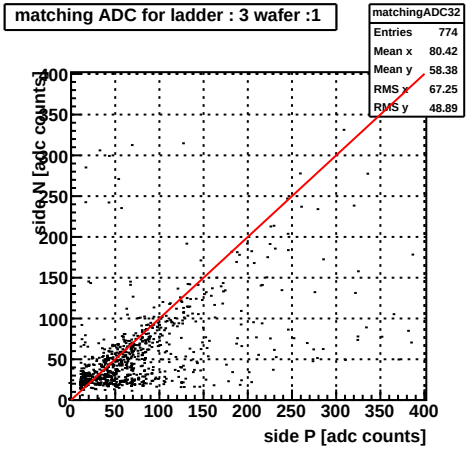

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

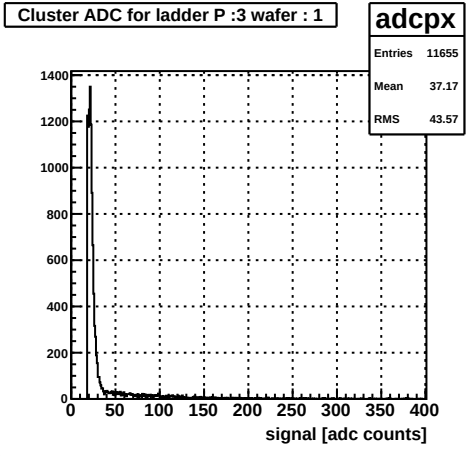

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

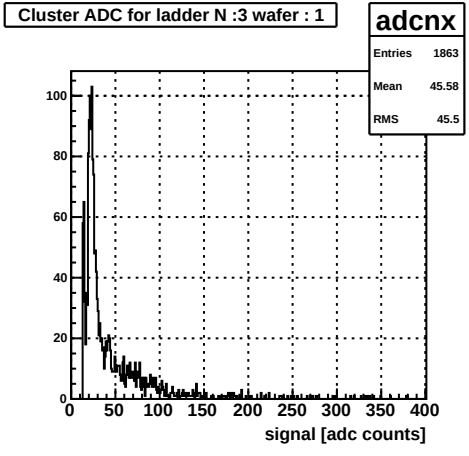

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

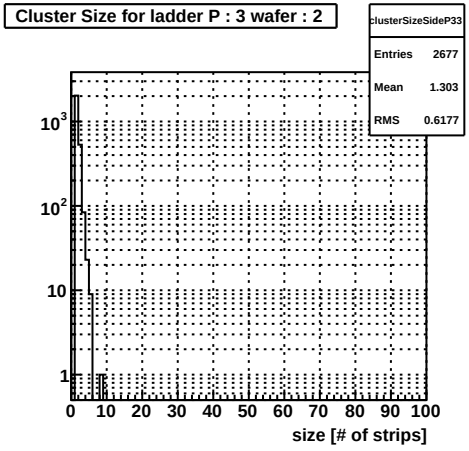

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 11655
Mean 1.11
RMS 0.4034
size [# of strips]

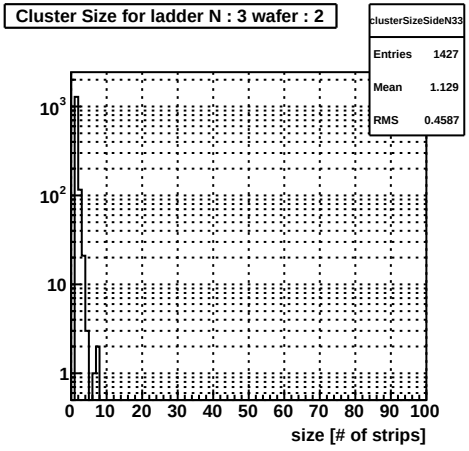

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1863
Mean 1.399
RMS 0.8081
size [# of strips]

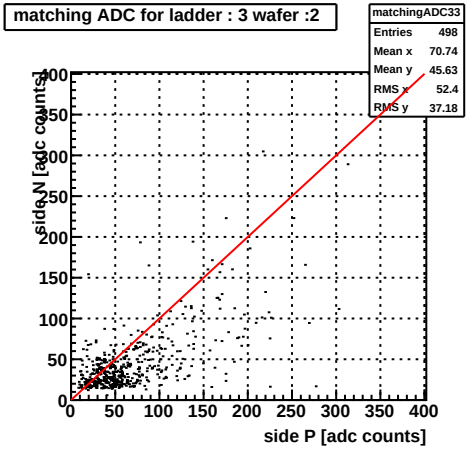

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 774
Mean x 80.42
Mean y 58.38
RMS x 67.25
RMS y 48.89
side N [adc counts]
side P [adc counts]

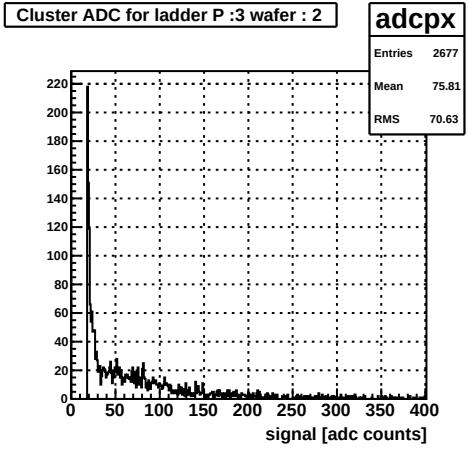

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 11655
Mean 37.17
RMS 43.57
signal [adc counts]

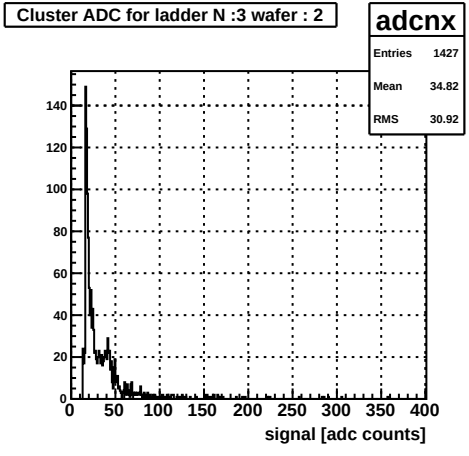

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1863
Mean 45.58
RMS 45.5
signal [adc counts]

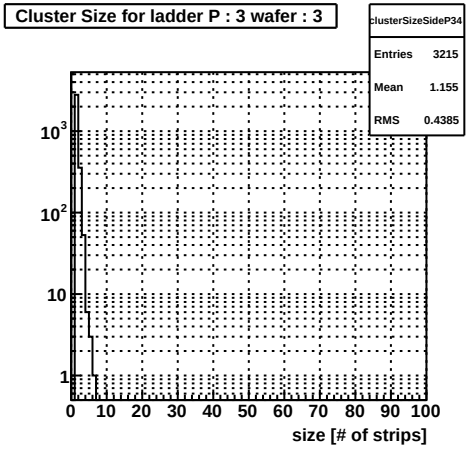

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2677
Mean 1.303
RMS 0.6177
size [# of strips]

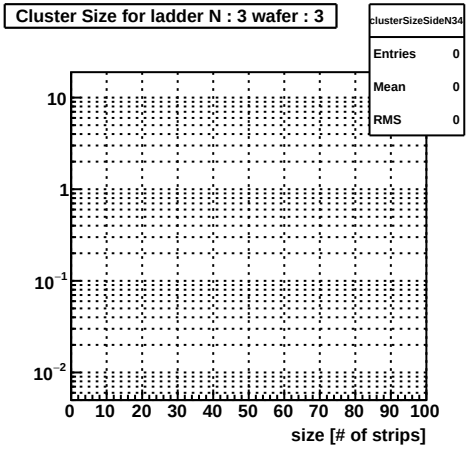

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1427
Mean 1.129
RMS 0.4587
size [# of strips]

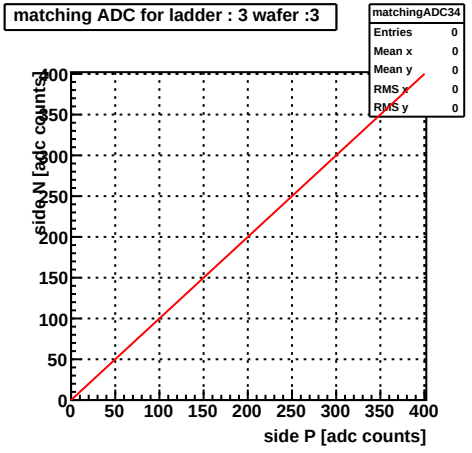

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 498
Mean x 70.74
Mean y 45.63
RMS x 52.4
RMS y 37.18
side N [adc counts]
side P [adc counts]

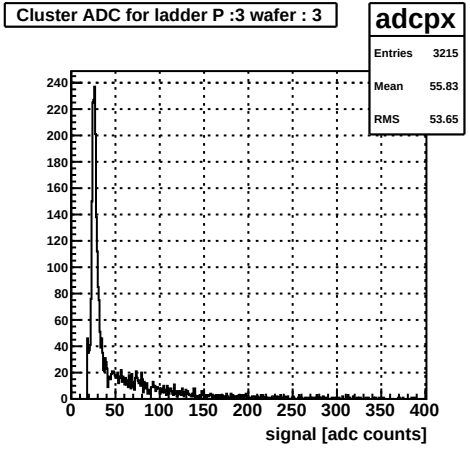

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2677
Mean 75.81
RMS 70.63
signal [adc counts]

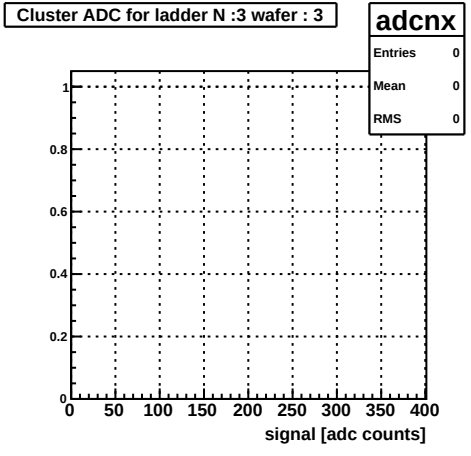

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1427
Mean 34.82
RMS 30.92
signal [adc counts]

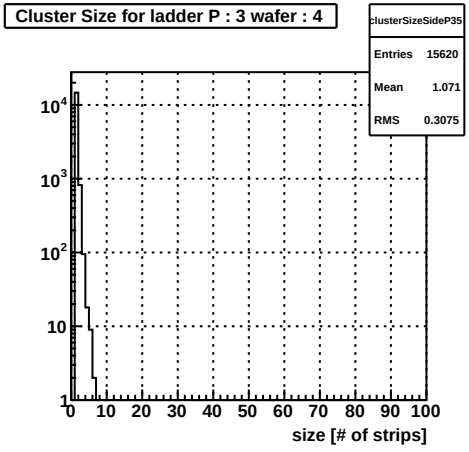

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3215
Mean 1.155
RMS 0.4385
size [# of strips]

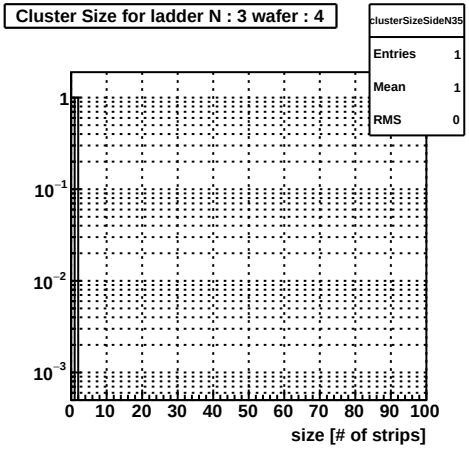

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

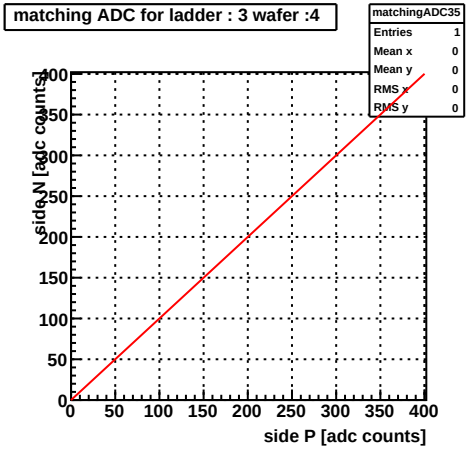

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

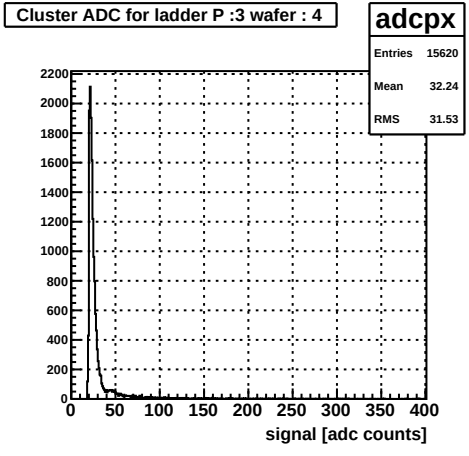

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3215
Mean 55.83
RMS 53.65
signal [adc counts]

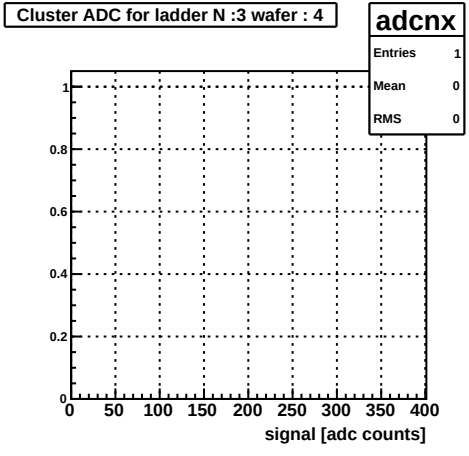

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

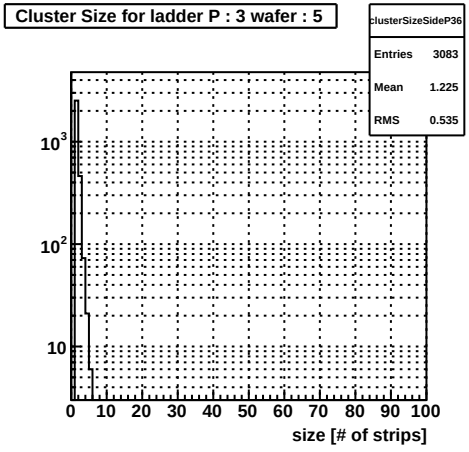

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15620
Mean 1.071
RMS 0.3075
size [# of strips]

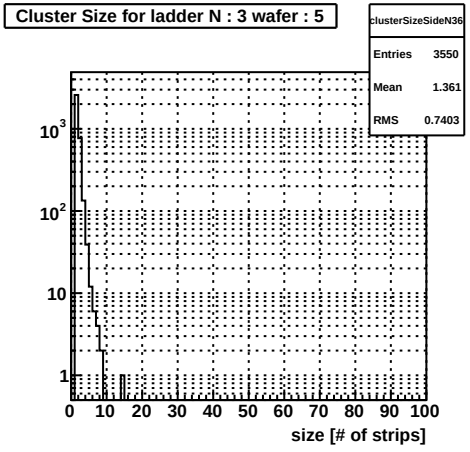

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

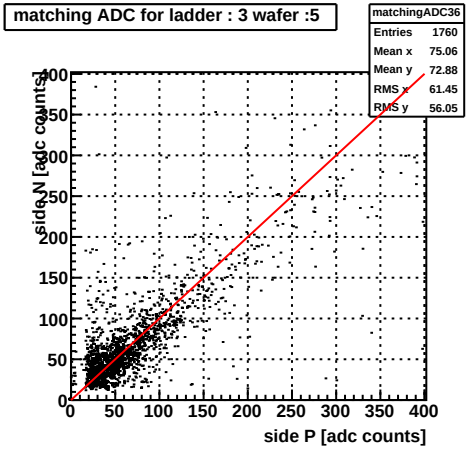

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

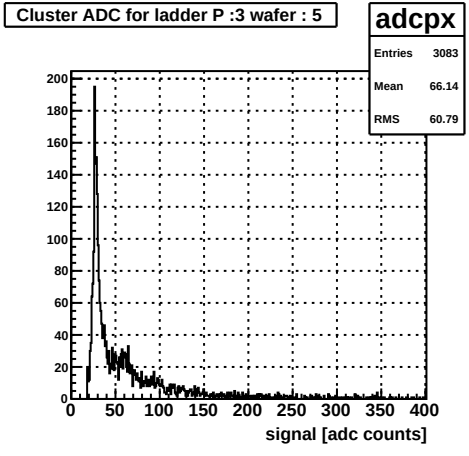

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15620
Mean 32.24
RMS 31.53
signal [adc counts]

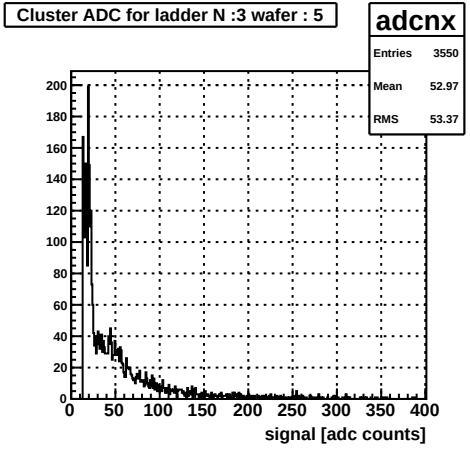

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

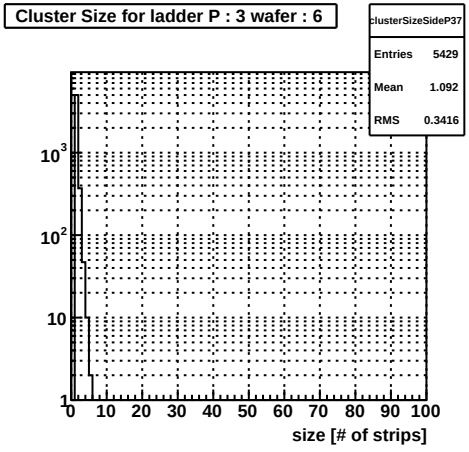

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3083
Mean 1.225
RMS 0.535
size [# of strips]

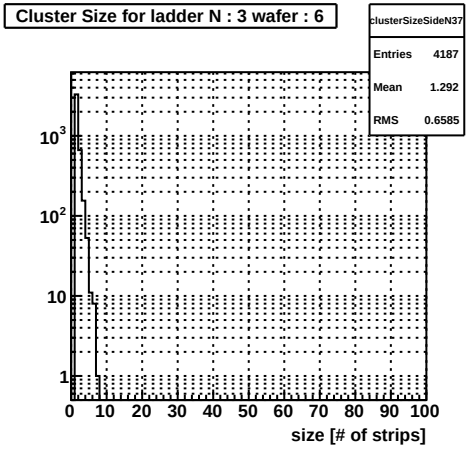

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3550
Mean 1.361
RMS 0.7403
size [# of strips]

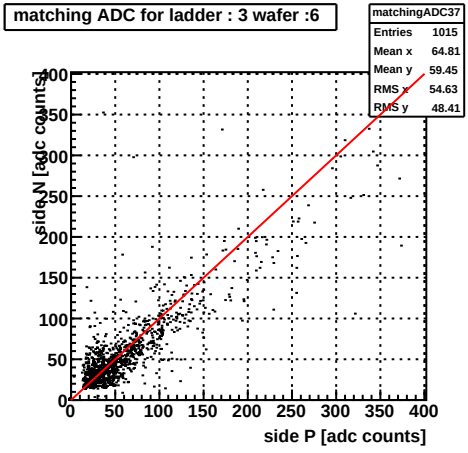

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1760
Mean x 75.06
Mean y 72.88
RMS x 61.45
RMS y 56.05
side N [adc counts]
side P [adc counts]

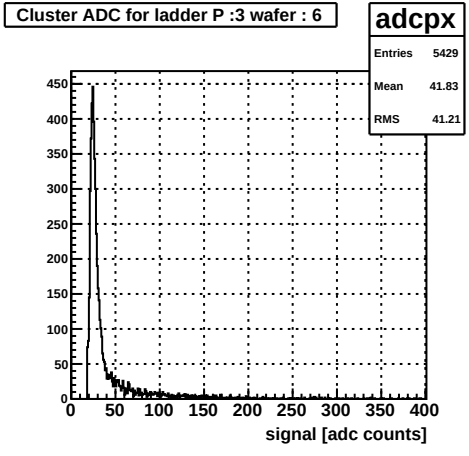

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3083
Mean 66.14
RMS 60.79
signal [adc counts]

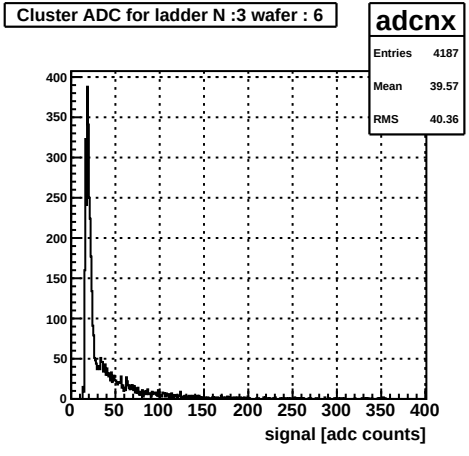

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3550
Mean 52.97
RMS 53.37
signal [adc counts]

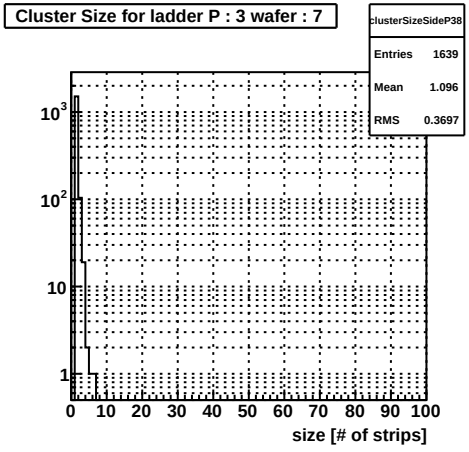

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5429
Mean 1.092
RMS 0.3416
size [# of strips]

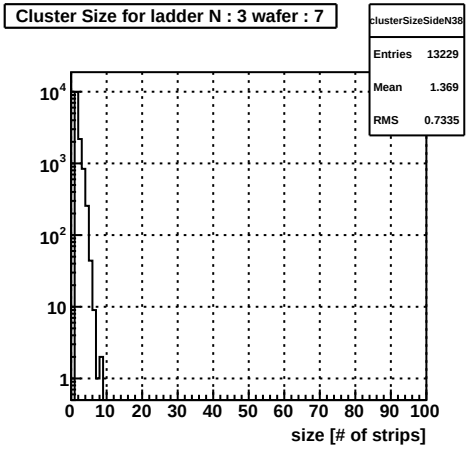

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4187
Mean 1.292
RMS 0.6585
size [# of strips]

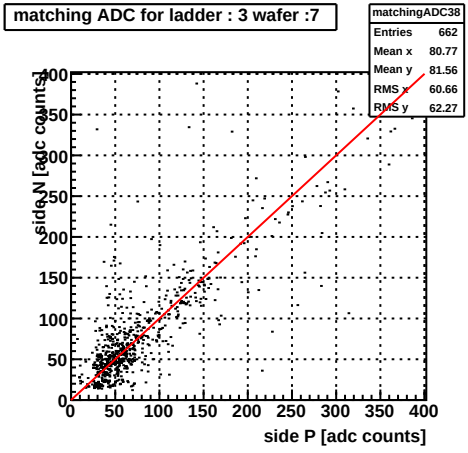

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1015
Mean x 64.81
Mean y 59.45
RMS x 54.63
RMS y 48.41
side N [adc counts]
side P [adc counts]

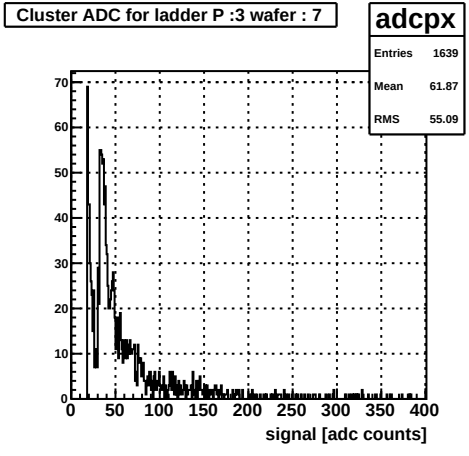

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5429
Mean 41.83
RMS 41.21
signal [adc counts]

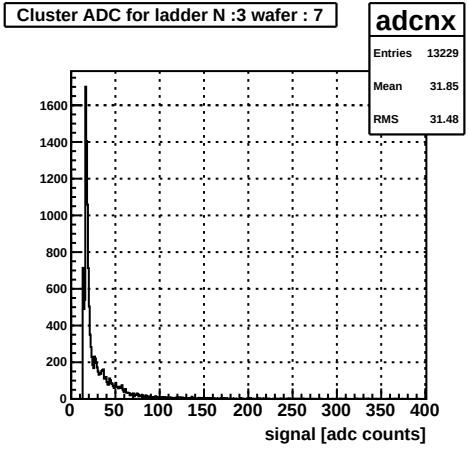

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4187
Mean 39.57
RMS 40.36
signal [adc counts]

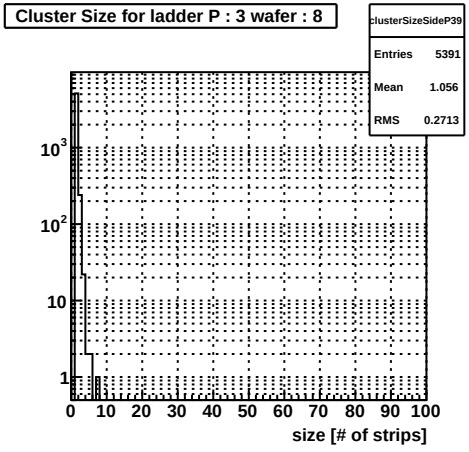

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1639
Mean 1.096
RMS 0.3697
size [# of strips]

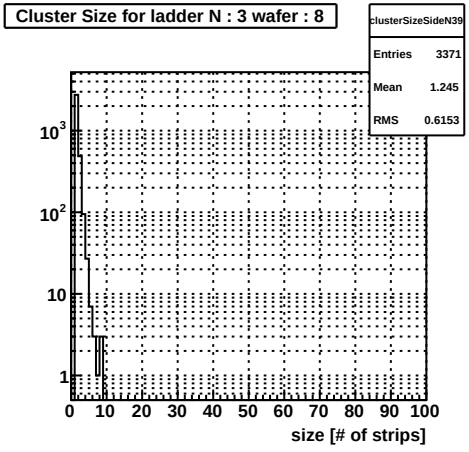

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13229
Mean 1.369
RMS 0.7335
size [# of strips]

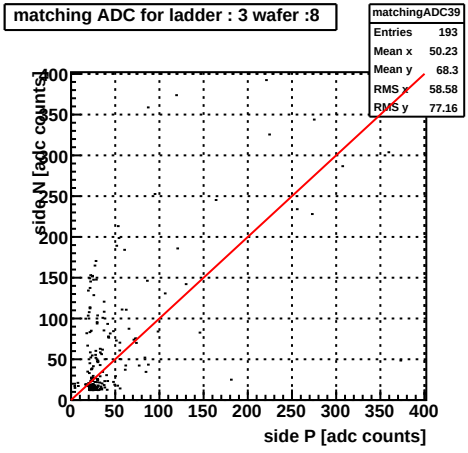

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 662
Mean x 80.77
Mean y 81.56
RMS x 60.66
RMS y 62.27
side N [adc counts]
side P [adc counts]

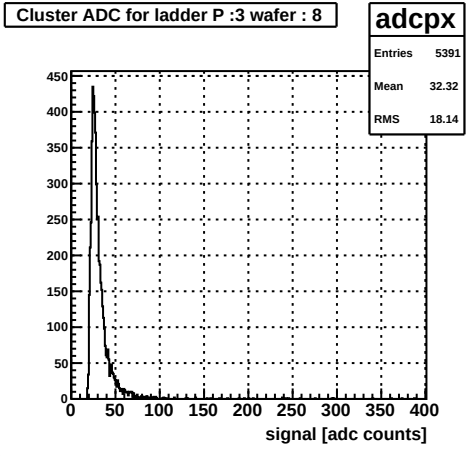

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1639
Mean 61.87
RMS 55.09
signal [adc counts]

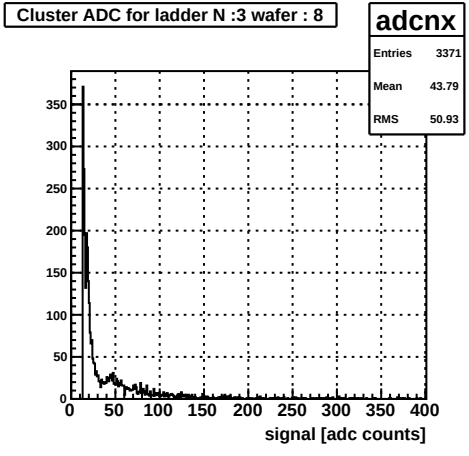

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13229
Mean 31.85
RMS 31.48
signal [adc counts]

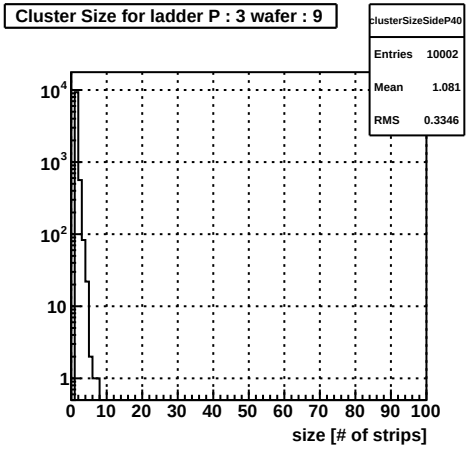

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5391
Mean 1.056
RMS 0.2713
size [# of strips]

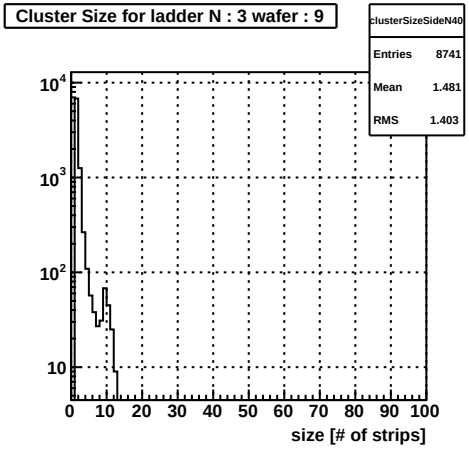

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3371
Mean 1.245
RMS 0.6153
size [# of strips]

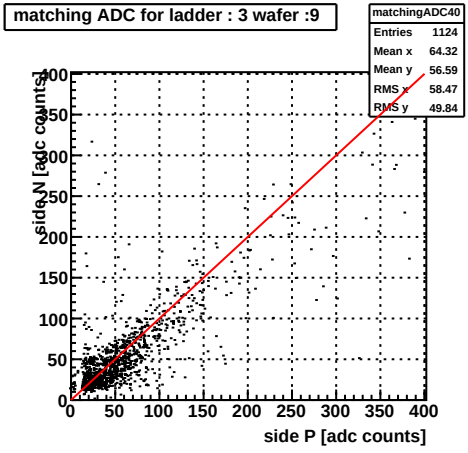

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 193
Mean x 50.23
Mean y 68.3
RMS x 58.58
RMS y 77.16
side N [adc counts]
side P [adc counts]

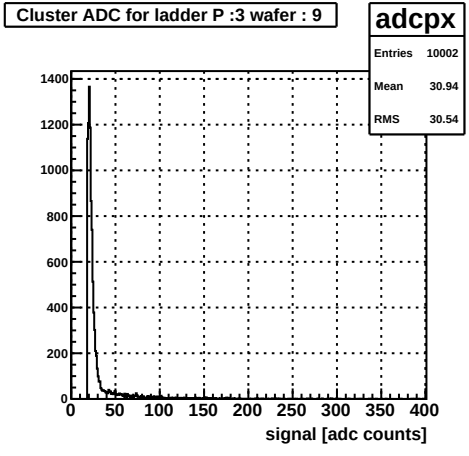

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5391
Mean 32.32
RMS 18.14
signal [adc counts]

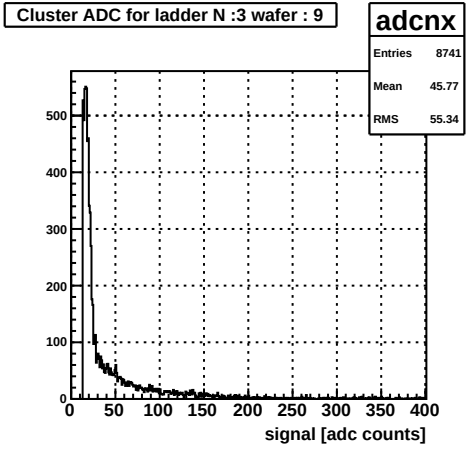

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3371
Mean 43.79
RMS 50.93
signal [adc counts]

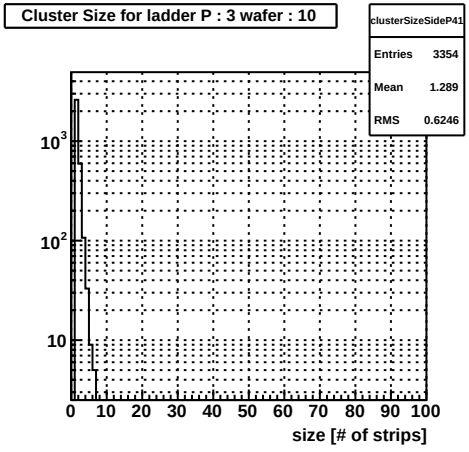

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 10002
Mean 1.081
RMS 0.3346
size [# of strips]

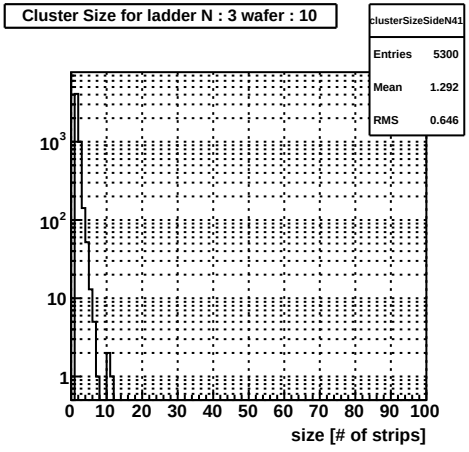

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8741
Mean 1.481
RMS 1.403
size [# of strips]

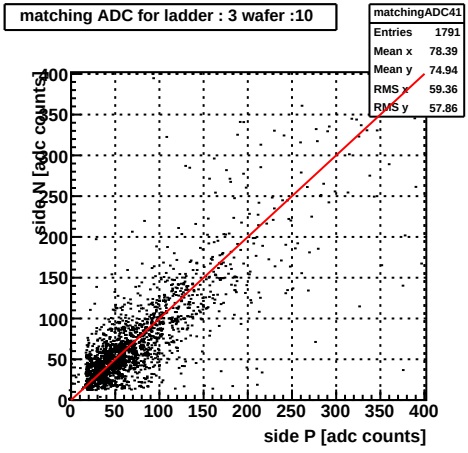

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1124
Mean x 64.32
Mean y 56.59
RMS x 58.47
RMS y 49.84
side N [adc counts]
side P [adc counts]

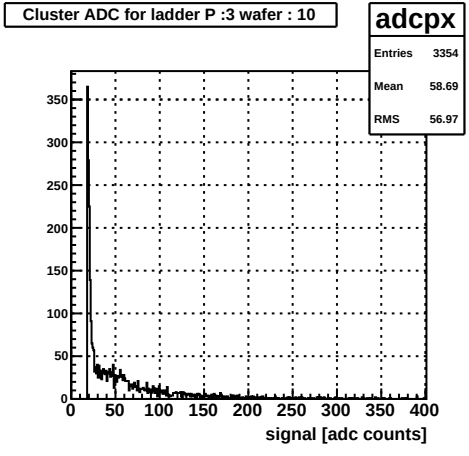

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 10002
Mean 30.94
RMS 30.54
signal [adc counts]

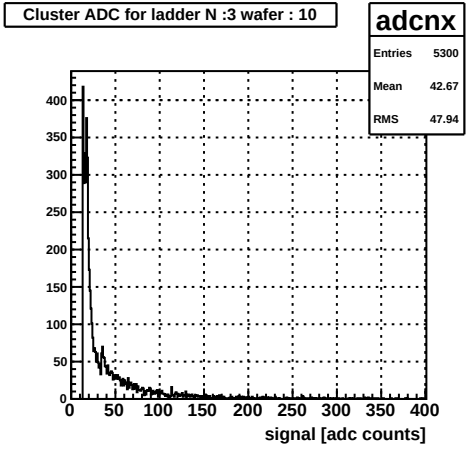

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8741
Mean 45.77
RMS 55.34
signal [adc counts]

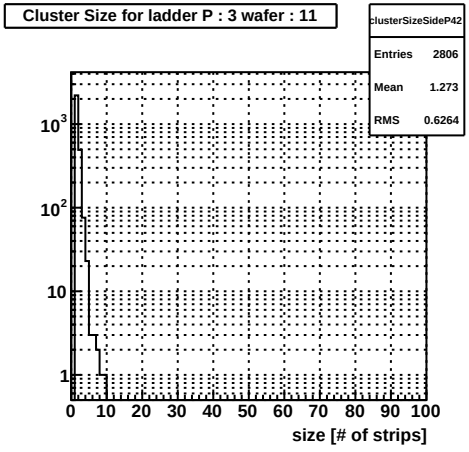

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3354
Mean 1.289
RMS 0.6246
size [# of strips]

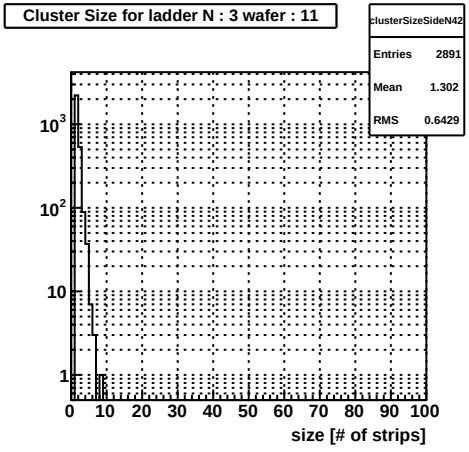

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5300
Mean 1.292
RMS 0.646
size [# of strips]

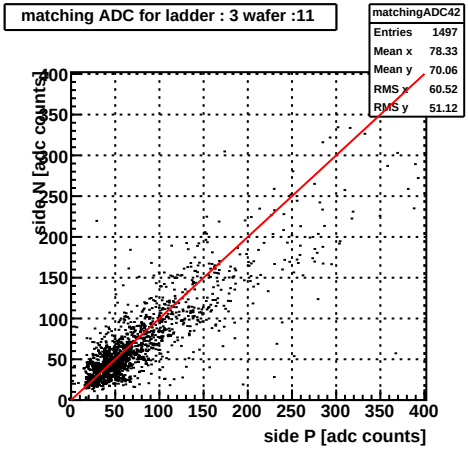

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1791
Mean x 78.39
Mean y 74.94
RMS x 59.36
RMS y 57.86
side N [adc counts]
side P [adc counts]

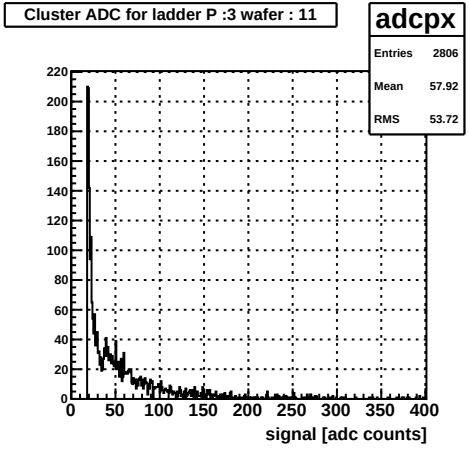

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3354
Mean 58.69
RMS 56.97
signal [adc counts]

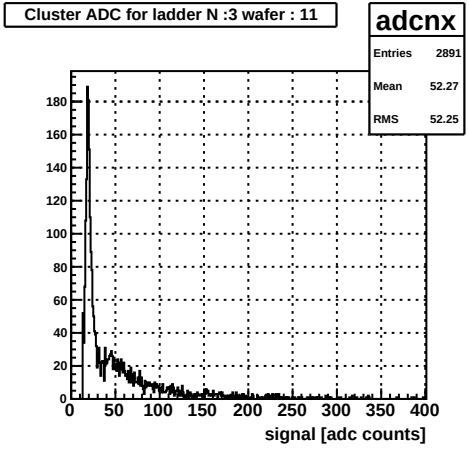

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5300
Mean 42.67
RMS 47.94
signal [adc counts]

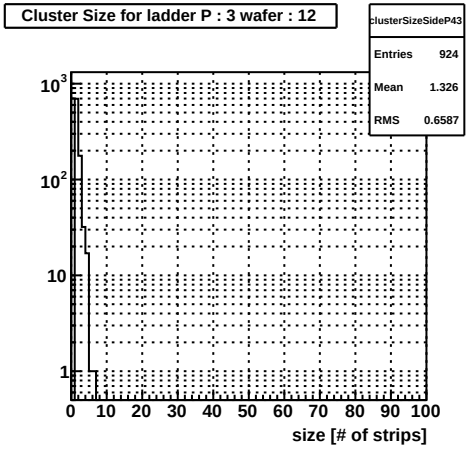

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2806
Mean 1.273
RMS 0.6264
size [# of strips]

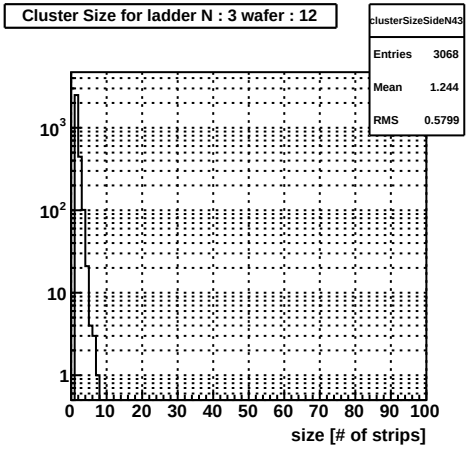

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2891
Mean 1.302
RMS 0.6429
size [# of strips]

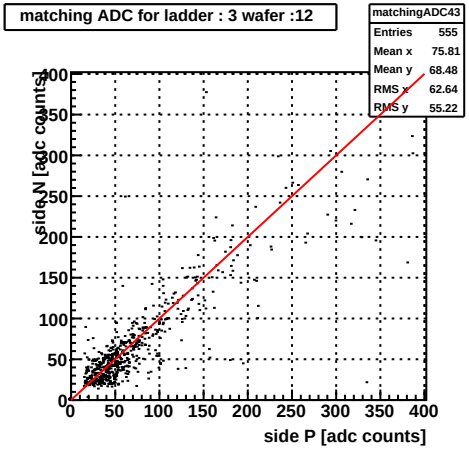

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1497
Mean x 78.33
Mean y 70.06
RMS x 60.52
RMS y 51.12
side N [adc counts]
side P [adc counts]

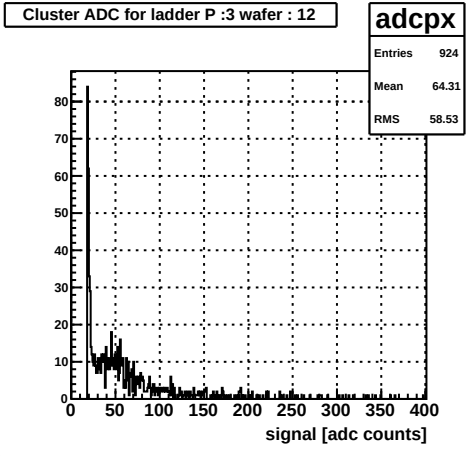

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2806
Mean 57.92
RMS 53.72
signal [adc counts]

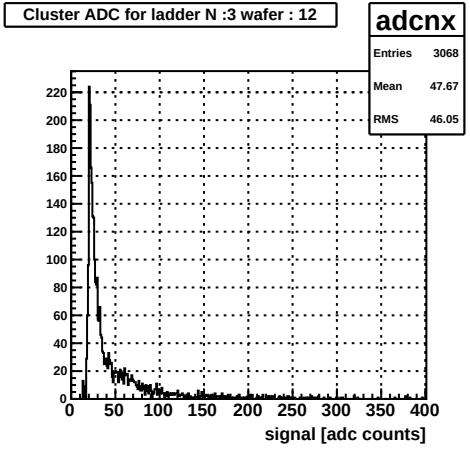

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2891
Mean 52.27
RMS 52.25
signal [adc counts]

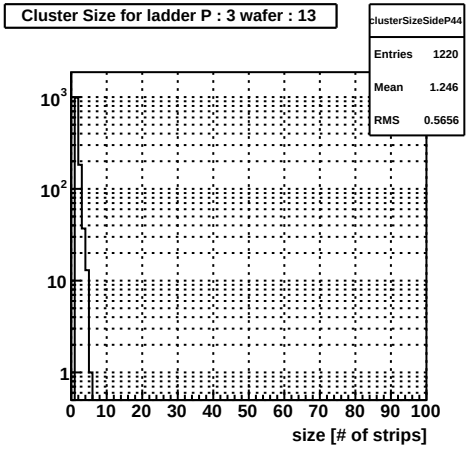

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 924
Mean 1.326
RMS 0.6587
size [# of strips]

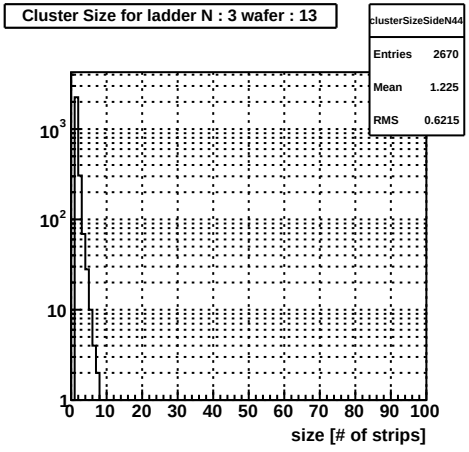

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3068
Mean 1.244
RMS 0.5799
size [# of strips]

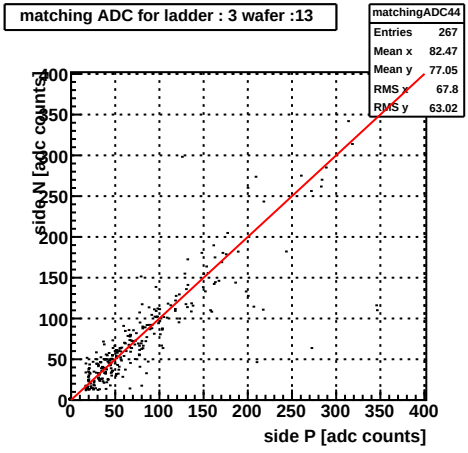

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 555
Mean x 75.81
Mean y 68.48
RMS x 62.64
RMS y 55.22
side N [adc counts]
side P [adc counts]

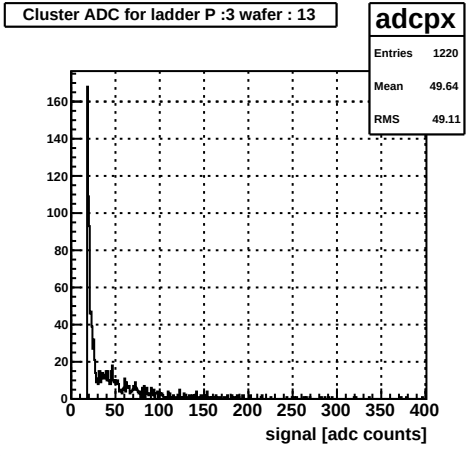

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 924
Mean 64.31
RMS 58.53
signal [adc counts]

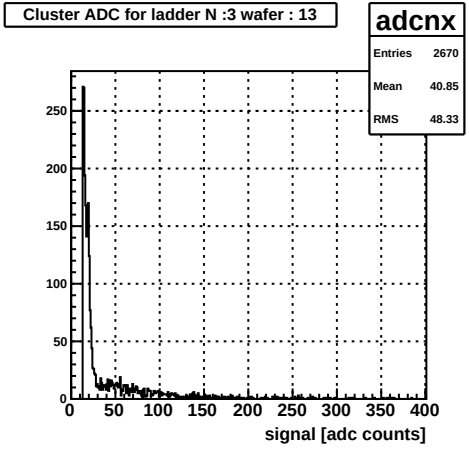

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3068
Mean 47.67
RMS 46.05
signal [adc counts]

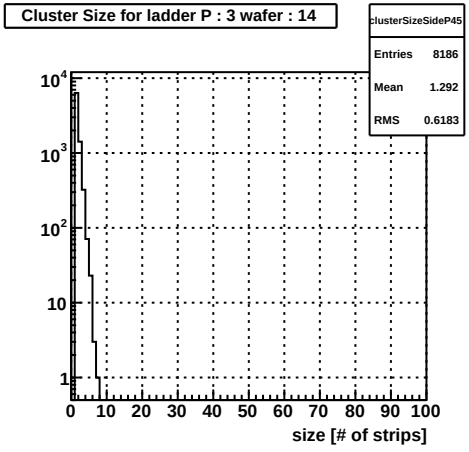

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1220
Mean 1.246
RMS 0.5656
size [# of strips]

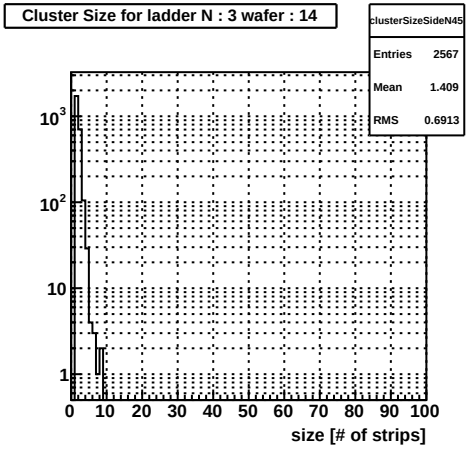

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2670
Mean 1.225
RMS 0.6215
size [# of strips]

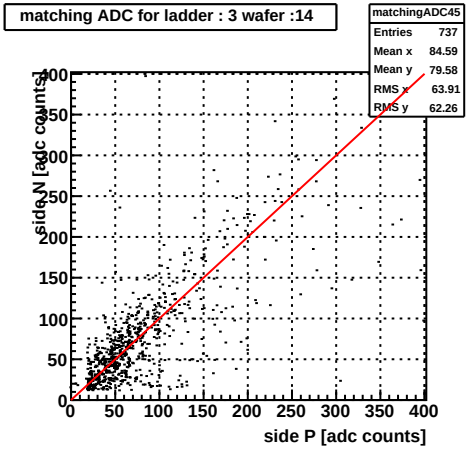

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 267
Mean x 82.47
Mean y 77.05
RMS x 67.8
RMS y 63.02
side N [adc counts]
side P [adc counts]

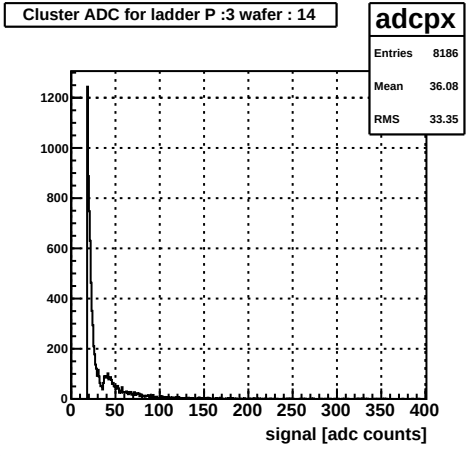

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1220
Mean 49.64
RMS 49.11
signal [adc counts]

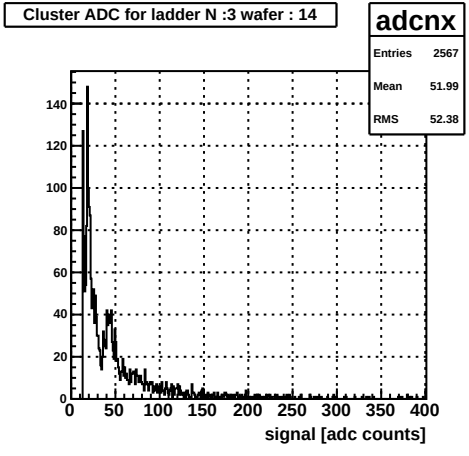

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2670
Mean 40.85
RMS 48.33
signal [adc counts]

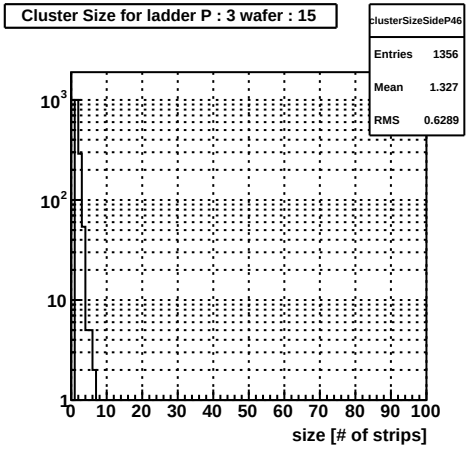

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8186
Mean 1.292
RMS 0.6183
size [# of strips]

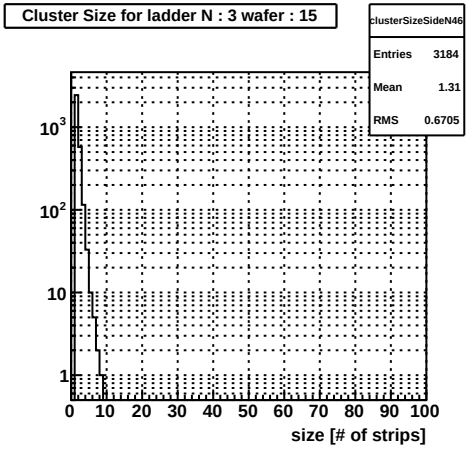

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2567
Mean 1.409
RMS 0.6913
size [# of strips]

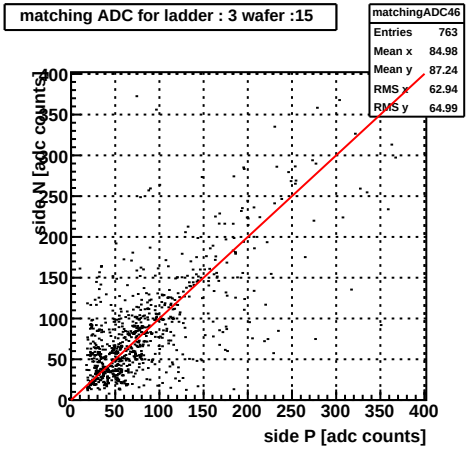

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 737
Mean x 84.59
Mean y 79.58
RMS x 63.91
RMS y 62.26
side N [adc counts]
side P [adc counts]

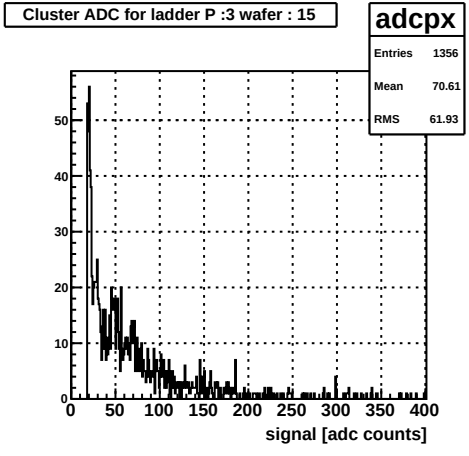

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8186
Mean 36.08
RMS 33.35
signal [adc counts]

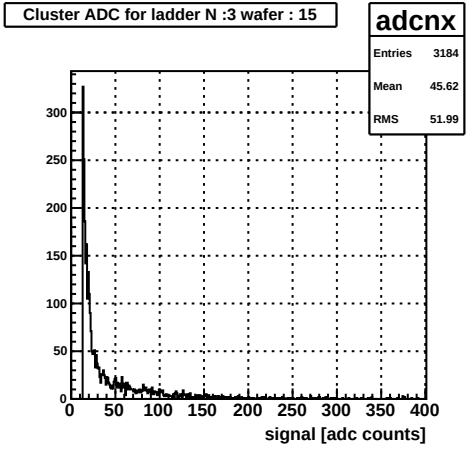

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2567
Mean 51.99
RMS 52.38
signal [adc counts]

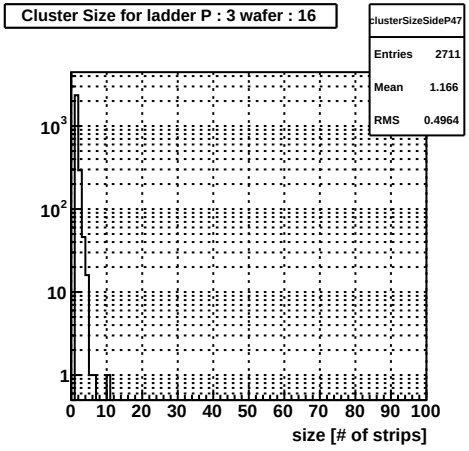

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1356
Mean 1.327
RMS 0.6289
size [# of strips]

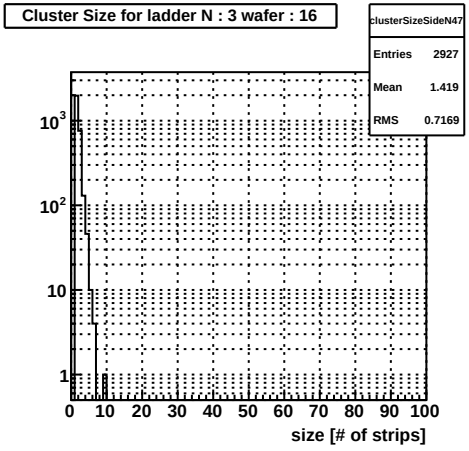

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3184
Mean 1.31
RMS 0.6705
size [# of strips]

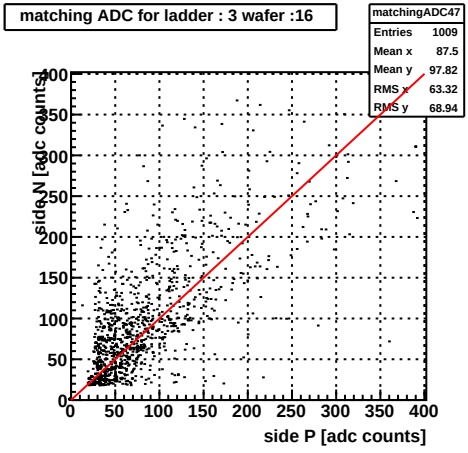

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 763
Mean x 84.98
Mean y 87.24
RMS x 62.94
RMS y 64.99
side N [adc counts]
side P [adc counts]

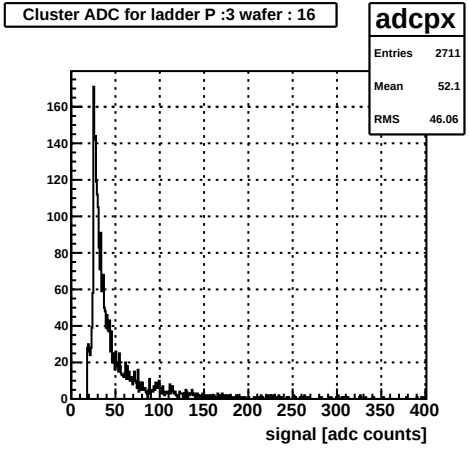

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1356
Mean 70.61
RMS 61.93
signal [adc counts]

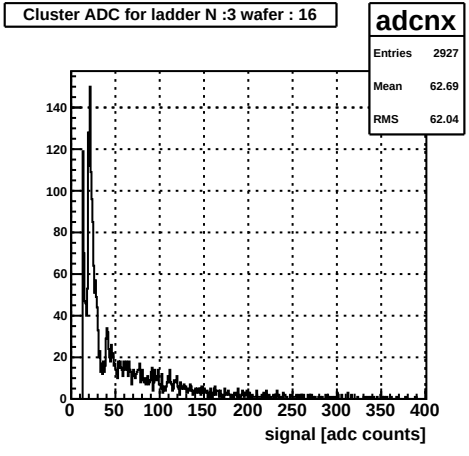

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3184
Mean 45.62
RMS 51.99
signal [adc counts]

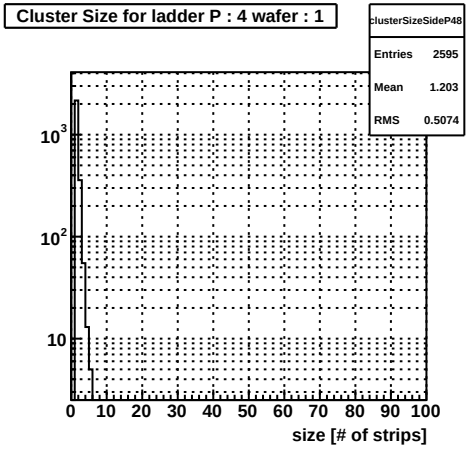

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2711
Mean 1.166
RMS 0.4964
size [# of strips]

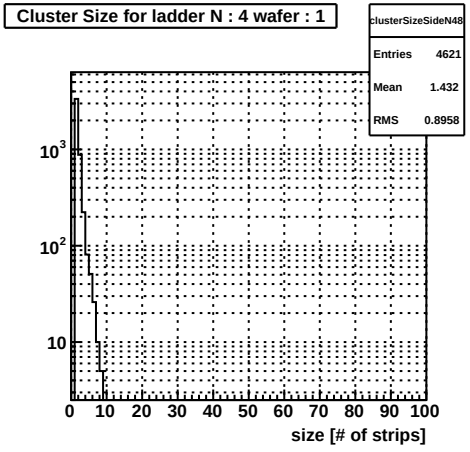

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2927
Mean 1.419
RMS 0.7169
size [# of strips]

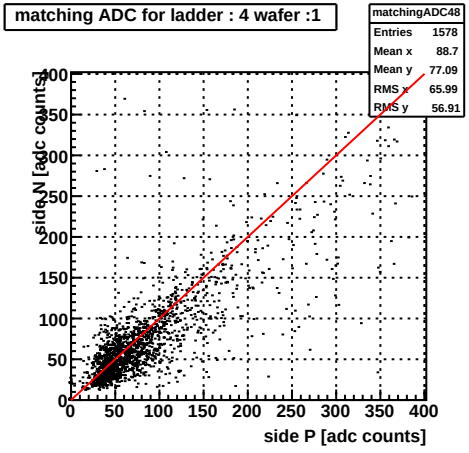

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 1009
Mean x 87.5
Mean y 97.82
RMS x 63.32
RMS y 68.94
side N [adc counts]
side P [adc counts]

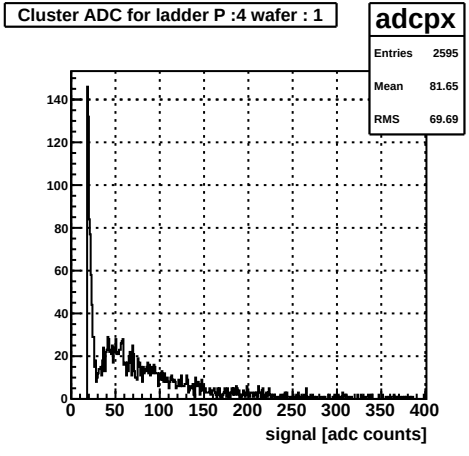

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2711
Mean 52.1
RMS 46.06
signal [adc counts]

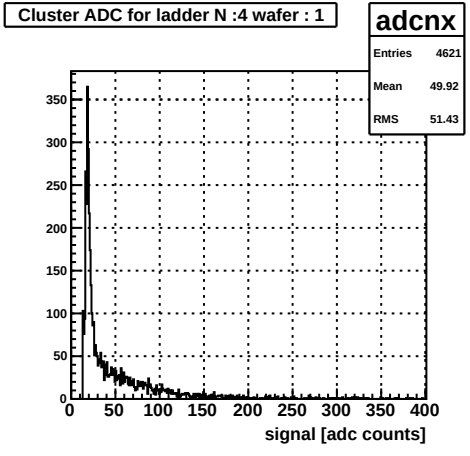

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2927
Mean 62.69
RMS 62.04
signal [adc counts]

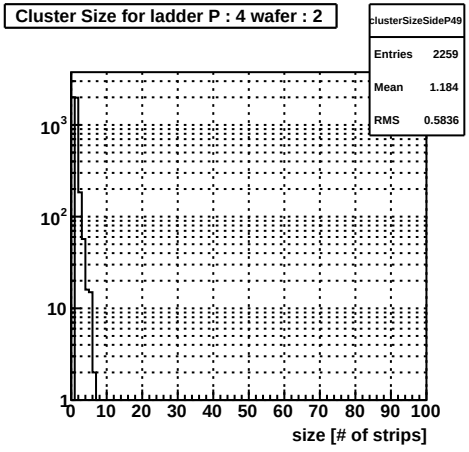

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2595
Mean 1.203
RMS 0.5074
size [# of strips]

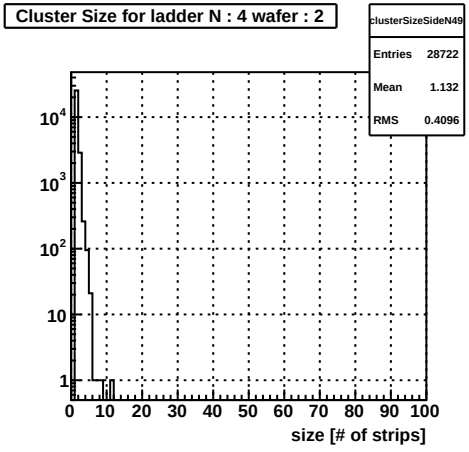

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4621
Mean 1.432
RMS 0.8958
size [# of strips]

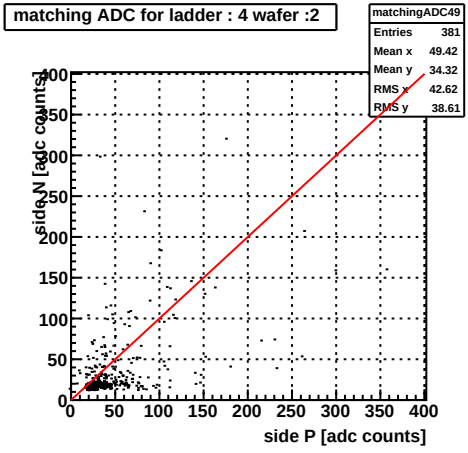

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1578
Mean x 88.7
Mean y 77.09
RMS x 65.99
RMS y 56.91
side N [adc counts]
side P [adc counts]

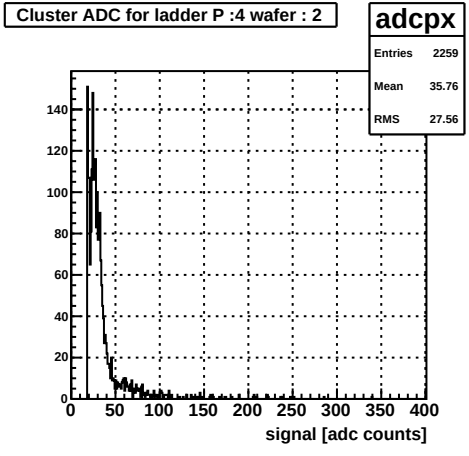

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2595
Mean 81.65
RMS 69.69
signal [adc counts]

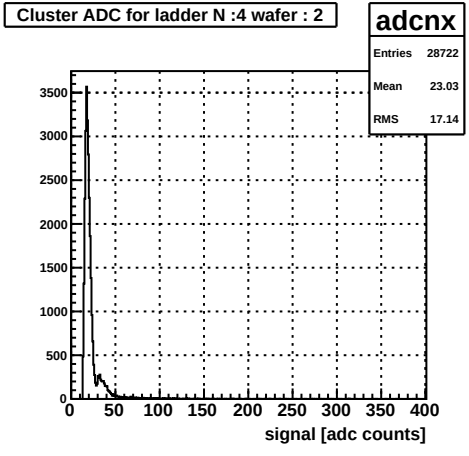

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4621
Mean 49.92
RMS 51.43
signal [adc counts]

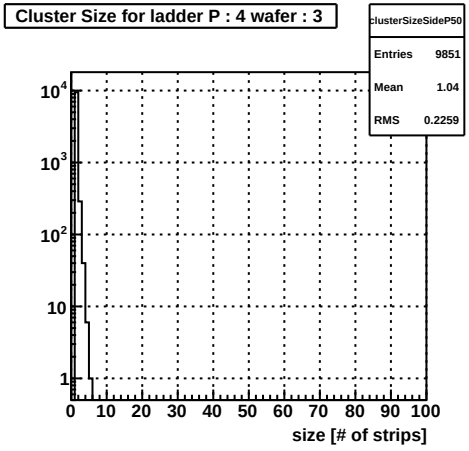

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2259
Mean 1.184
RMS 0.5836
size [# of strips]

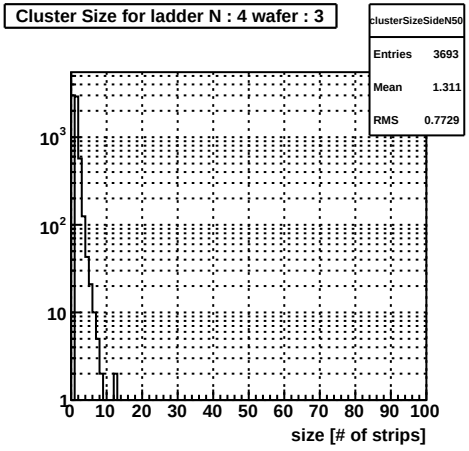

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 28722
Mean 1.132
RMS 0.4096
size [# of strips]

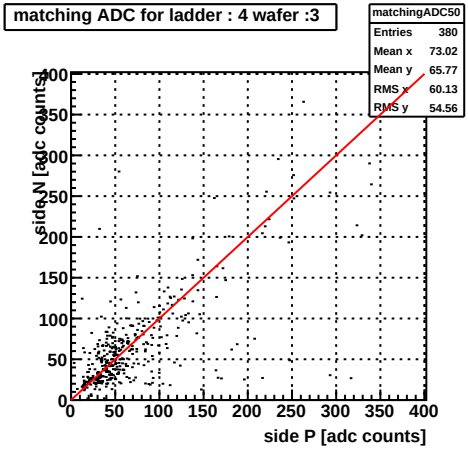

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 381
Mean x 49.42
Mean y 34.32
RMS x 42.62
RMS y 38.61
side N [adc counts]
side P [adc counts]

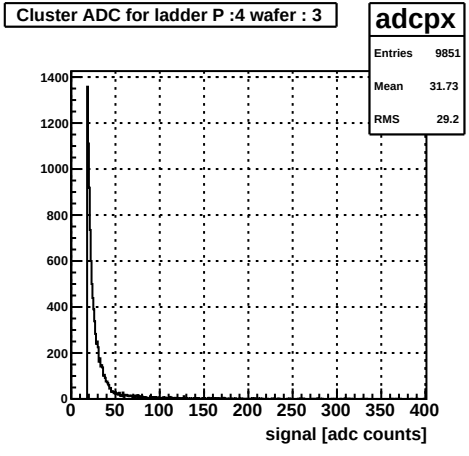

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2259
Mean 35.76
RMS 27.56
signal [adc counts]

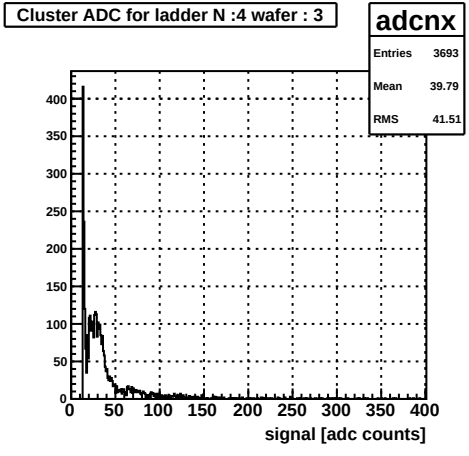

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 28722
Mean 23.03
RMS 17.14
signal [adc counts]

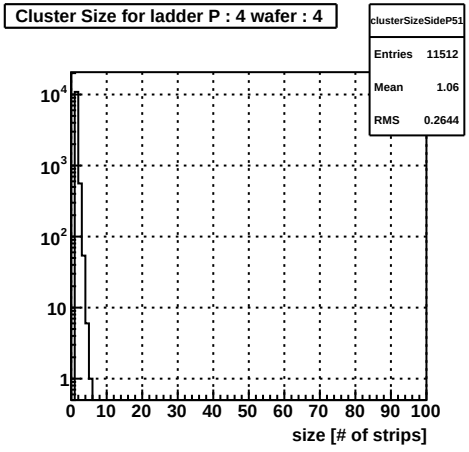

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 9851
Mean 1.04
RMS 0.2259
size [# of strips]

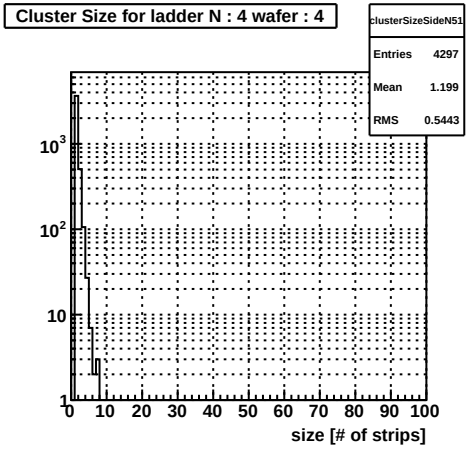

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3693
Mean 1.311
RMS 0.7729
size [# of strips]

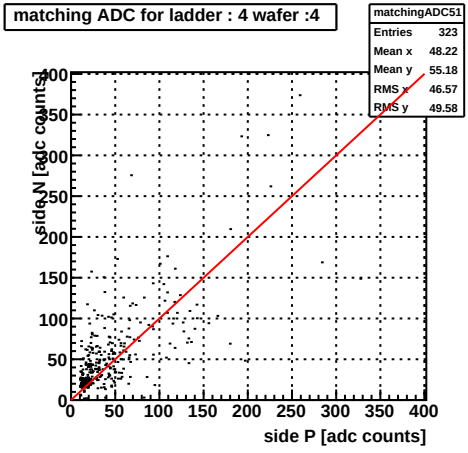

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 380
Mean x 73.02
Mean y 65.77
RMS x 60.13
RMS y 54.56
side N [adc counts]
side P [adc counts]

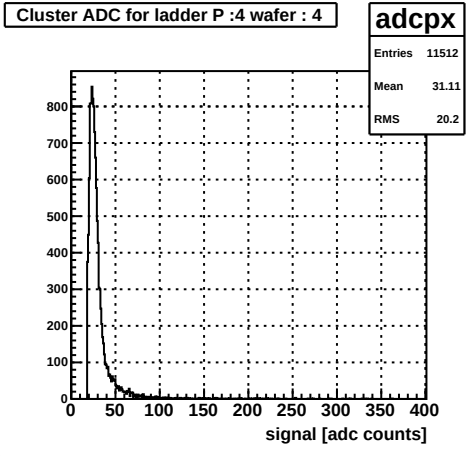

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 9851
Mean 31.73
RMS 29.2
signal [adc counts]

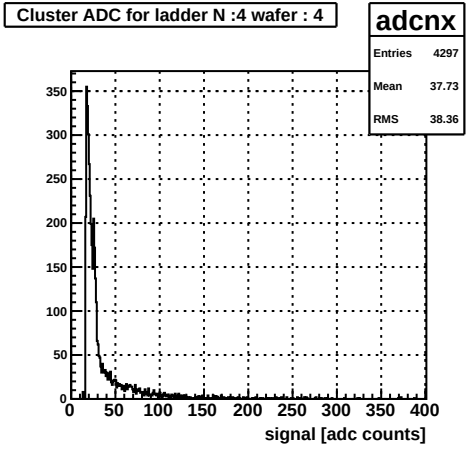

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3693
Mean 39.79
RMS 41.51
signal [adc counts]

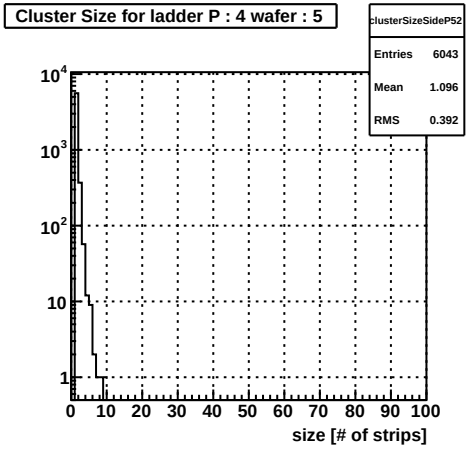

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11512
Mean 1.06
RMS 0.2644
size [# of strips]

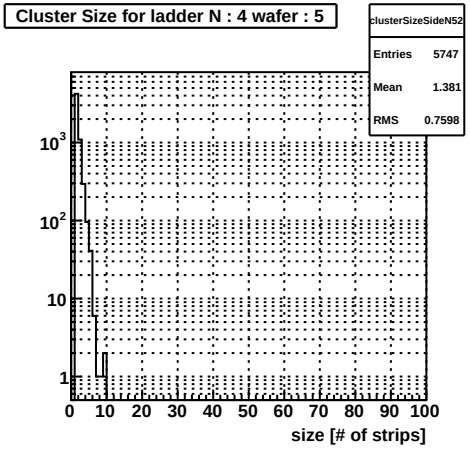

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4297
Mean 1.199
RMS 0.5443
size [# of strips]

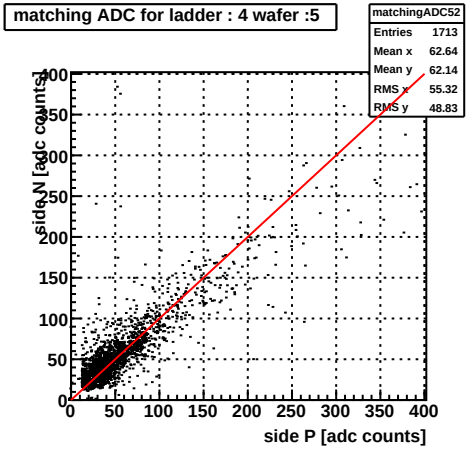

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 323
Mean x 48.22
Mean y 55.18
RMS x 46.57
RMS y 49.58
side N [adc counts]
side P [adc counts]

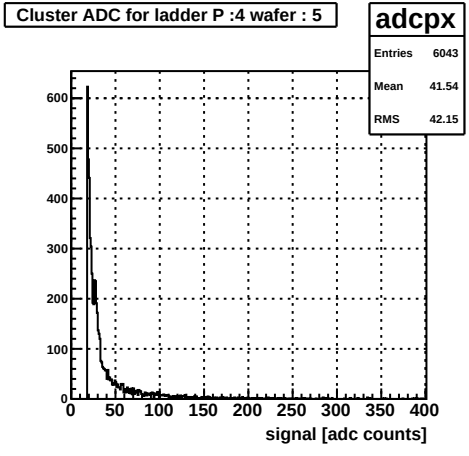

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11512
Mean 31.11
RMS 20.2
signal [adc counts]

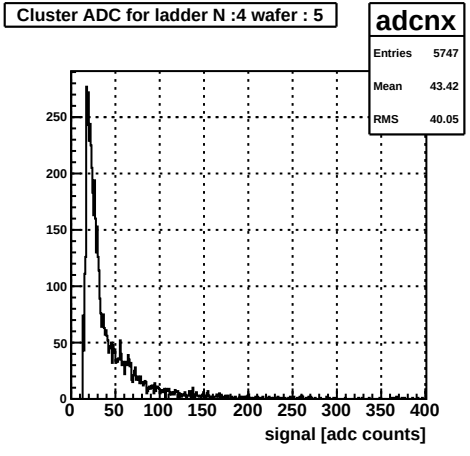

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4297
Mean 37.73
RMS 38.36
signal [adc counts]

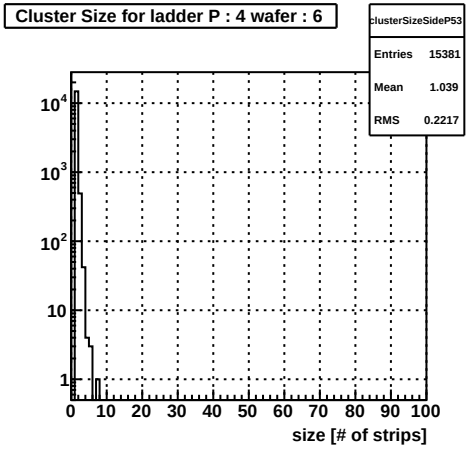

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6043
Mean 1.096
RMS 0.392
size [# of strips]

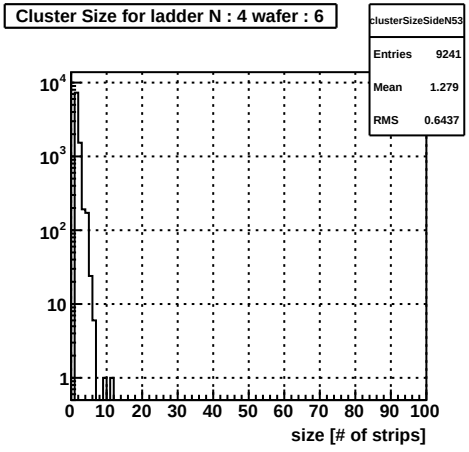

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5747
Mean 1.381
RMS 0.7598
size [# of strips]

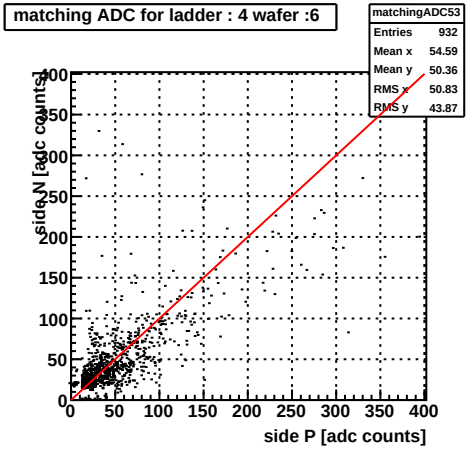

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1713
Mean x 62.64
Mean y 62.14
RMS x 55.32
RMS y 48.83
side N [adc counts]
side P [adc counts]

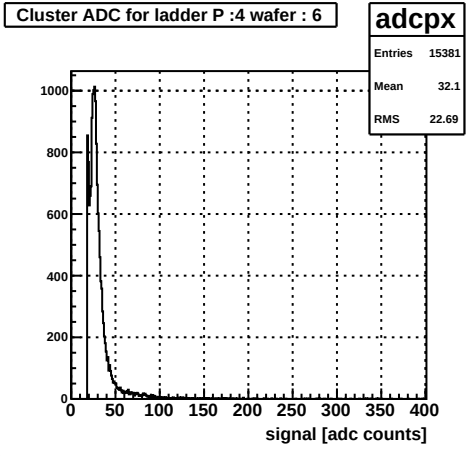

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6043
Mean 41.54
RMS 42.15
signal [adc counts]

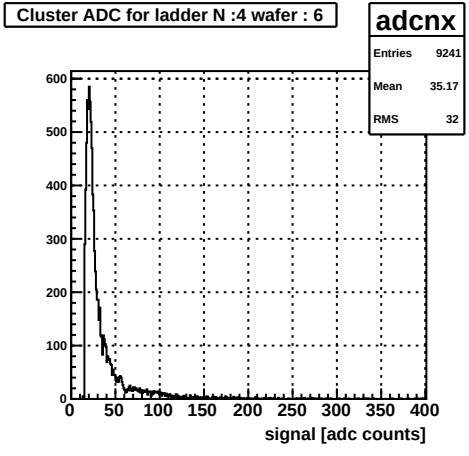

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5747
Mean 43.42
RMS 40.05
signal [adc counts]

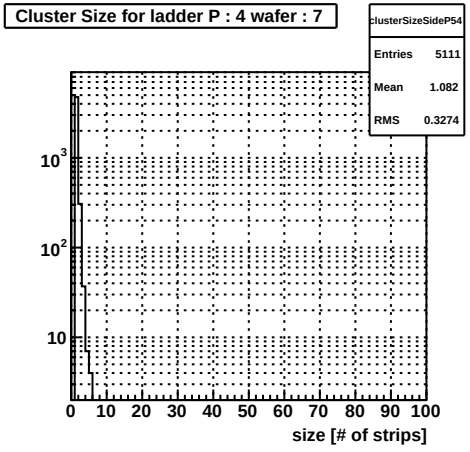

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15381
Mean 1.039
RMS 0.2217
size [# of strips]

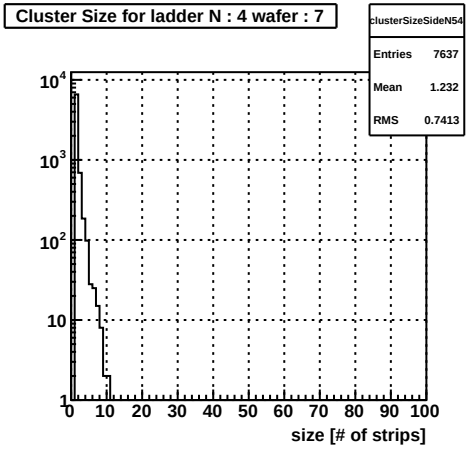

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 9241
Mean 1.279
RMS 0.6437
size [# of strips]

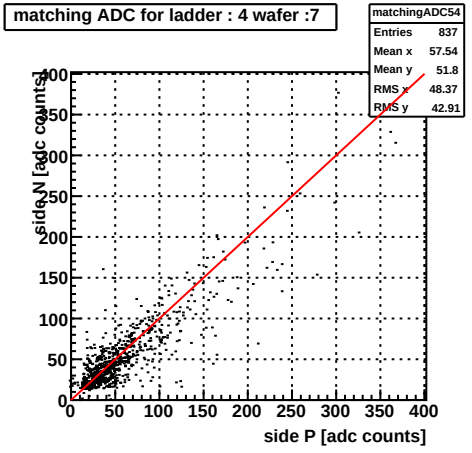

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 932
Mean x 54.59
Mean y 50.36
RMS x 50.83
RMS y 43.87
side N [adc counts]
side P [adc counts]

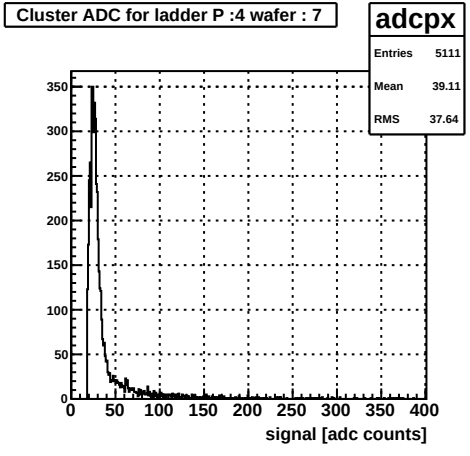

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15381
Mean 32.1
RMS 22.69
signal [adc counts]

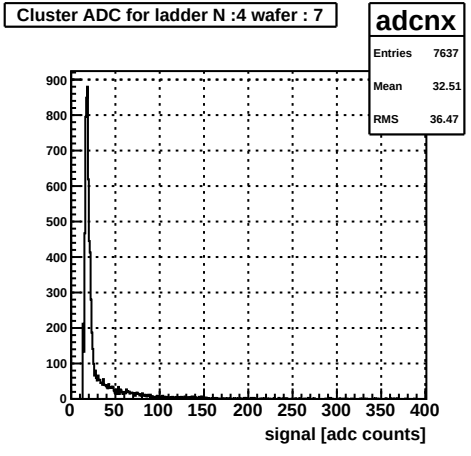

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 9241
Mean 35.17
RMS 32
signal [adc counts]

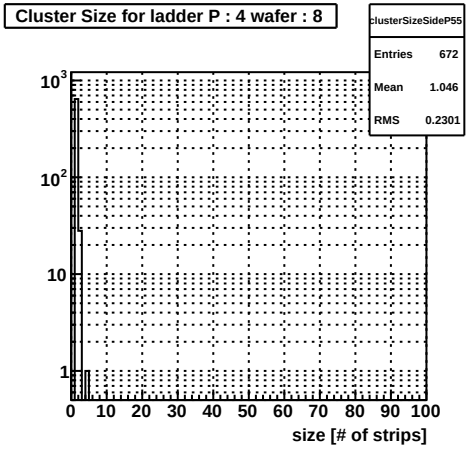

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 5111
Mean 1.082
RMS 0.3274
size [# of strips]

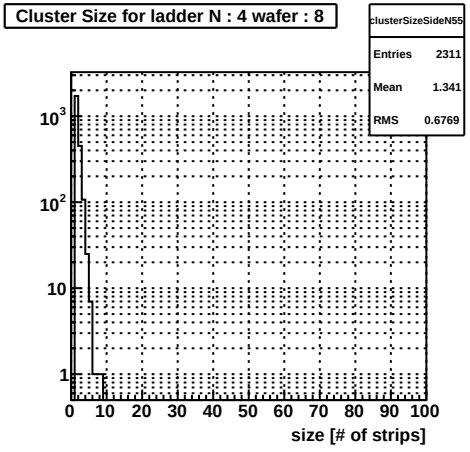

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 7637
Mean 1.232
RMS 0.7413
size [# of strips]

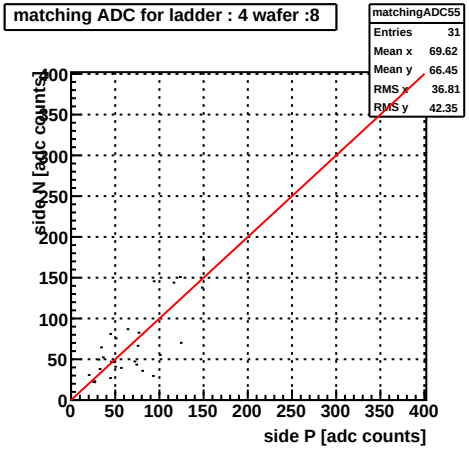

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 837
Mean x 57.54
Mean y 51.8
RMS x 48.37
RMS y 42.91
side N [adc counts]
side P [adc counts]

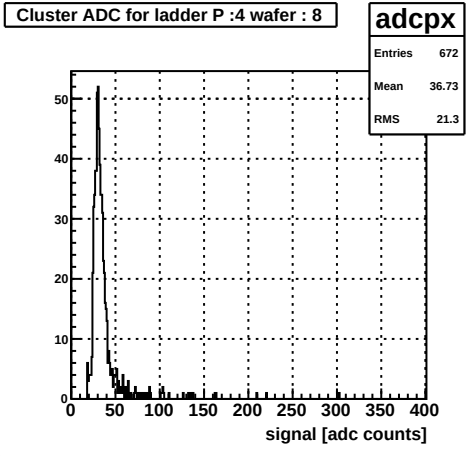

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 5111
Mean 39.11
RMS 37.64
signal [adc counts]

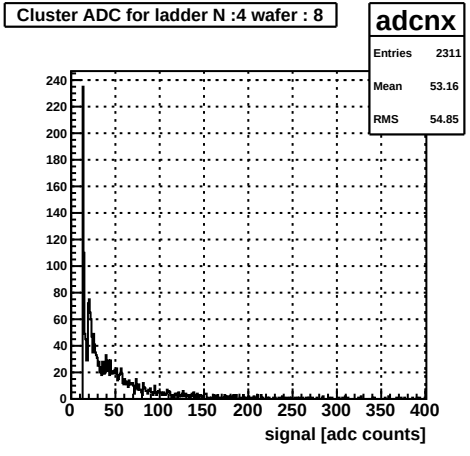

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 7637
Mean 32.51
RMS 36.47
signal [adc counts]

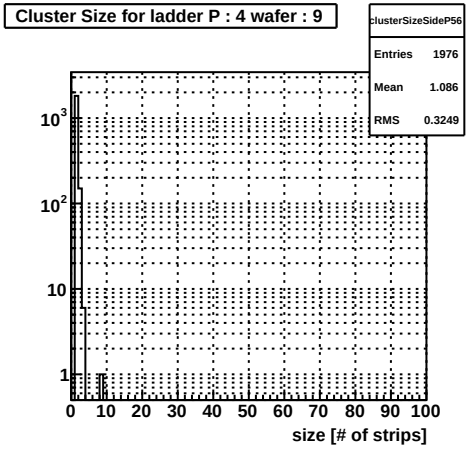

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 672
Mean 1.046
RMS 0.2301
size [# of strips]

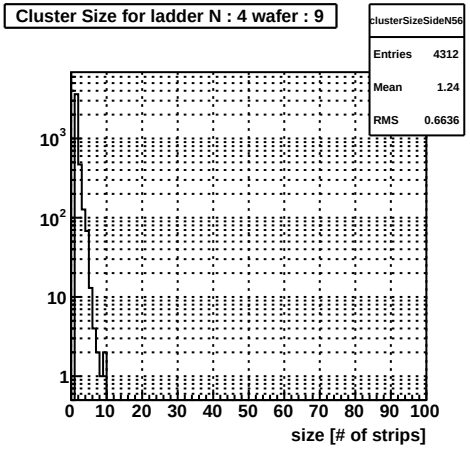

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2311
Mean 1.341
RMS 0.6769
size [# of strips]

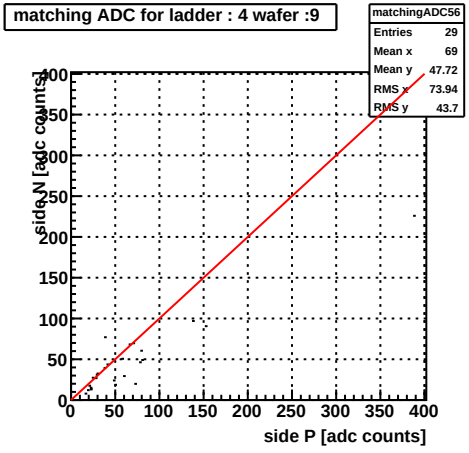

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 31
Mean x 69.62
Mean y 66.45
RMS x 36.81
RMS y 42.35
side N [adc counts]
side P [adc counts]

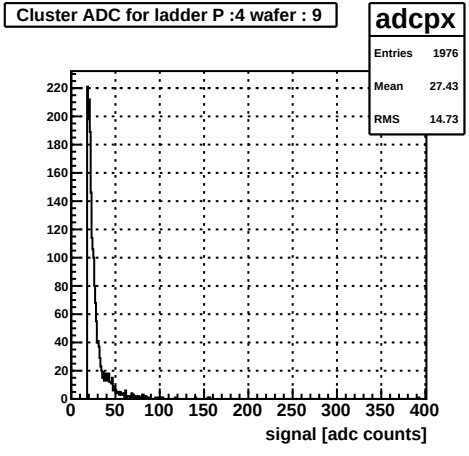

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 672
Mean 36.73
RMS 21.3
signal [adc counts]

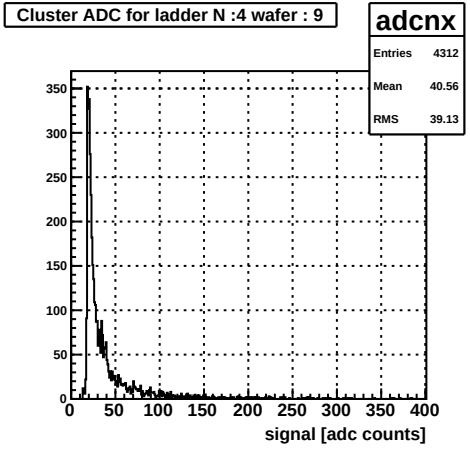

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2311
Mean 53.16
RMS 54.85
signal [adc counts]

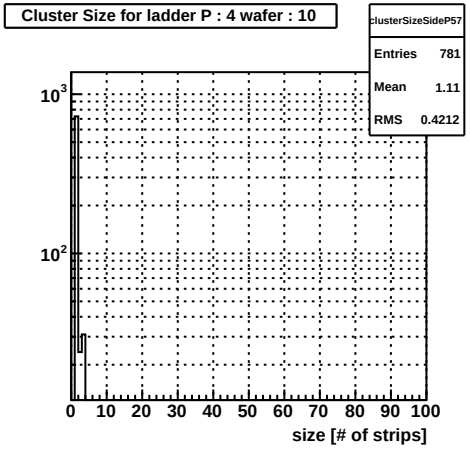

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1976
Mean 1.086
RMS 0.3249
size [# of strips]

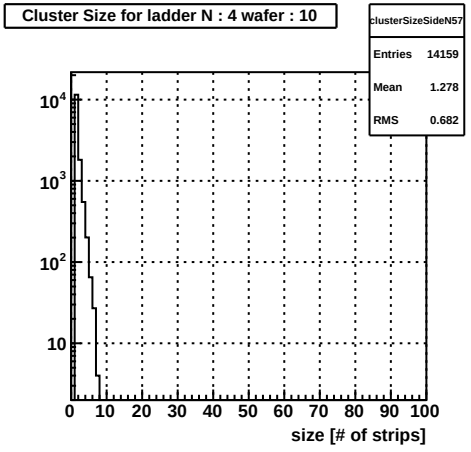

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4312
Mean 1.24
RMS 0.6636
size [# of strips]

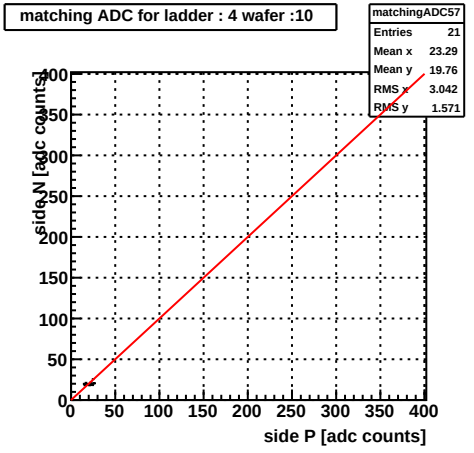

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 29
Mean x 69
Mean y 47.72
RMS x 73.94
RMS y 43.7
side N [adc counts]
side P [adc counts]

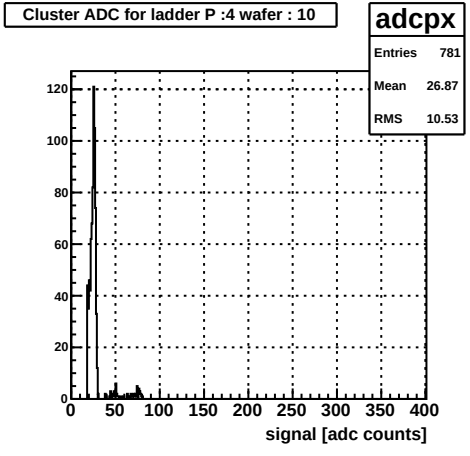

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1976
Mean 27.43
RMS 14.73
signal [adc counts]

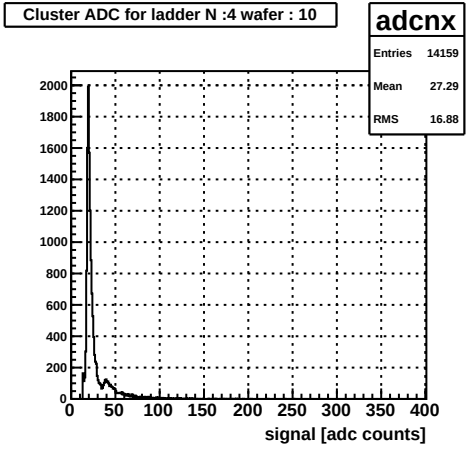

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4312
Mean 40.56
RMS 39.13
signal [adc counts]

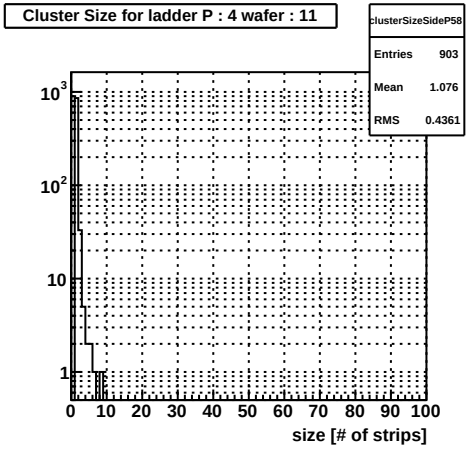

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 781
Mean 1.11
RMS 0.4212
size [# of strips]

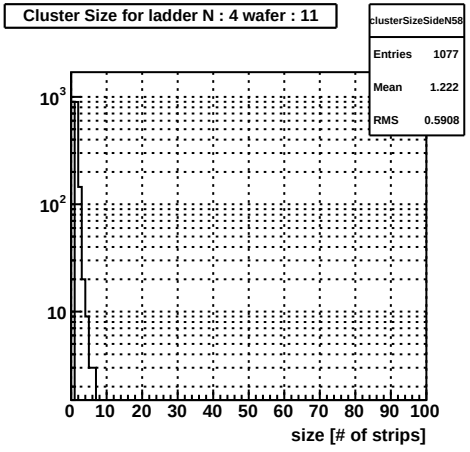

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 14159
Mean 1.278
RMS 0.682
size [# of strips]

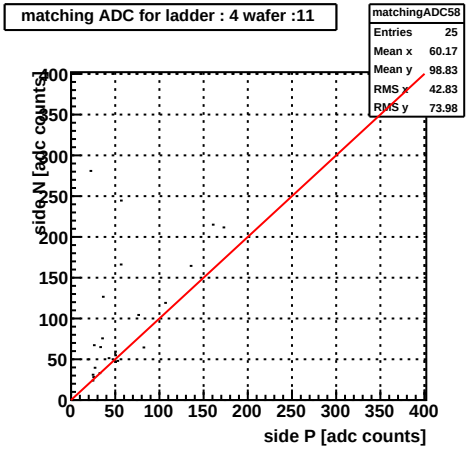

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 21
Mean x 23.29
Mean y 19.76
RMS x 3.042
RMS y 1.571
side N [adc counts]
side P [adc counts]

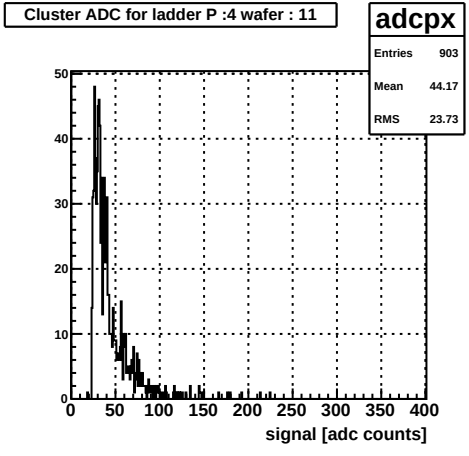

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 781
Mean 26.87
RMS 10.53
signal [adc counts]

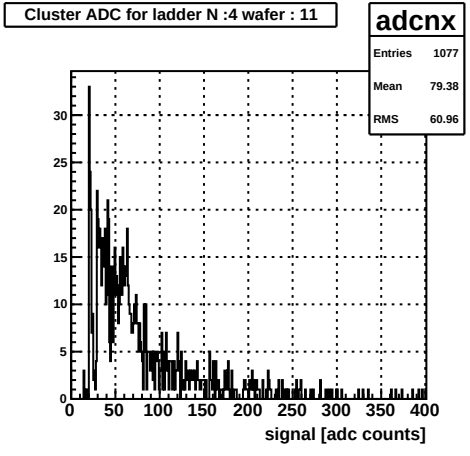

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 14159
Mean 27.29
RMS 16.88
signal [adc counts]

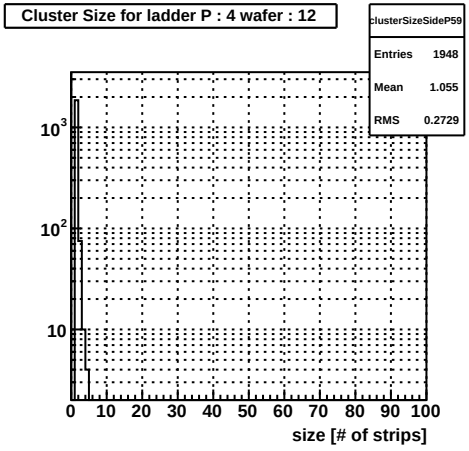

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 903
Mean 1.076
RMS 0.4361
size [# of strips]

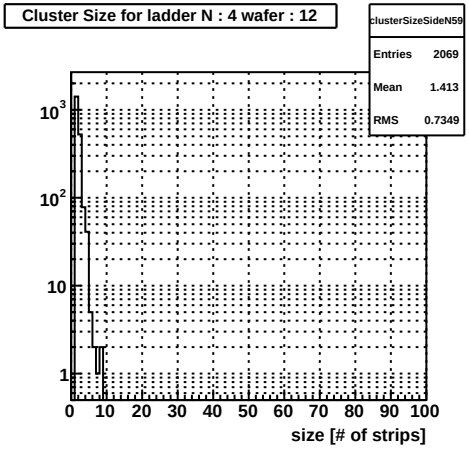

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1077
Mean 1.222
RMS 0.5908
size [# of strips]

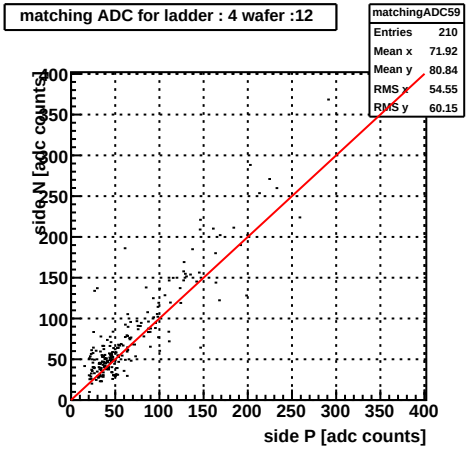

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 25
Mean x 60.17
Mean y 98.83
RMS x 42.83
RMS y 73.98
side N [adc counts]
side P [adc counts]

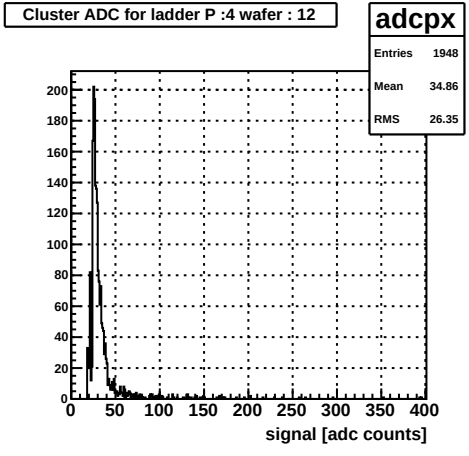

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 903
Mean 44.17
RMS 23.73
signal [adc counts]

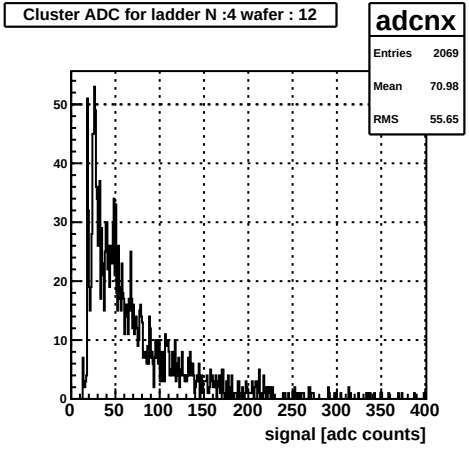

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1077
Mean 79.38
RMS 60.96
signal [adc counts]

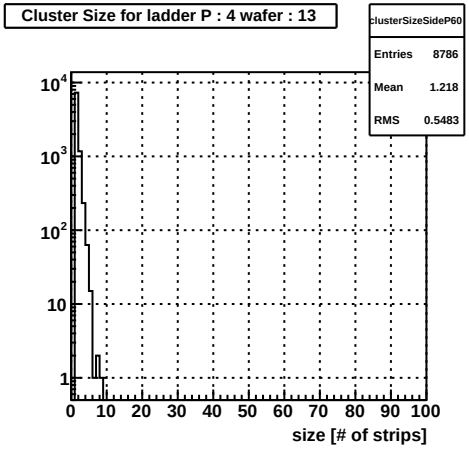

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 1948
Mean 1.055
RMS 0.2729
size [# of strips]

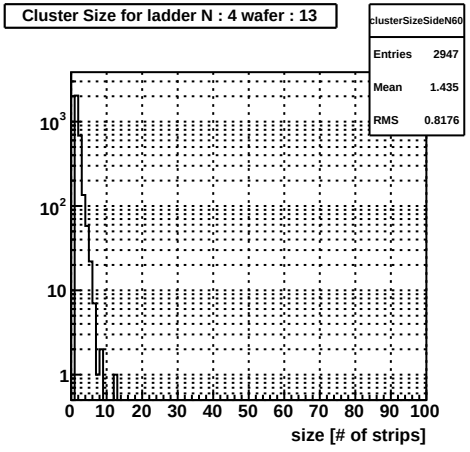

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2069
Mean 1.413
RMS 0.7349
size [# of strips]

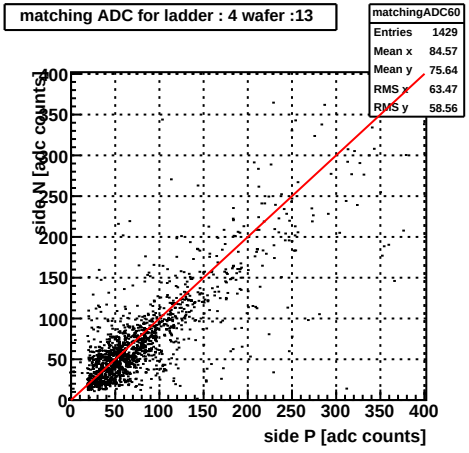

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 210
Mean x 71.92
Mean y 80.84
RMS x 54.55
RMS y 60.15
side N [adc counts]
side P [adc counts]

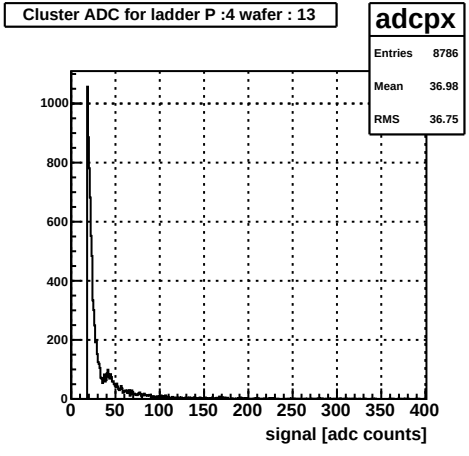

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 1948
Mean 34.86
RMS 26.35
signal [adc counts]

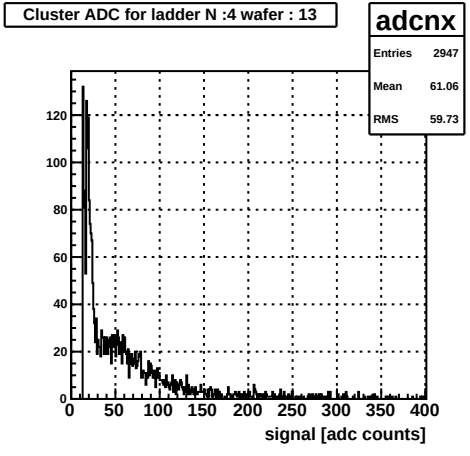

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2069
Mean 70.98
RMS 55.65
signal [adc counts]

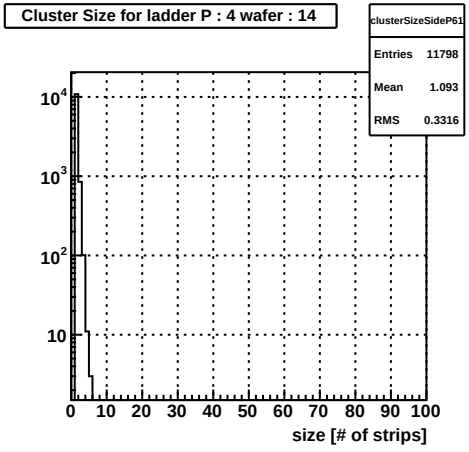

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8786
Mean 1.218
RMS 0.5483
size [# of strips]

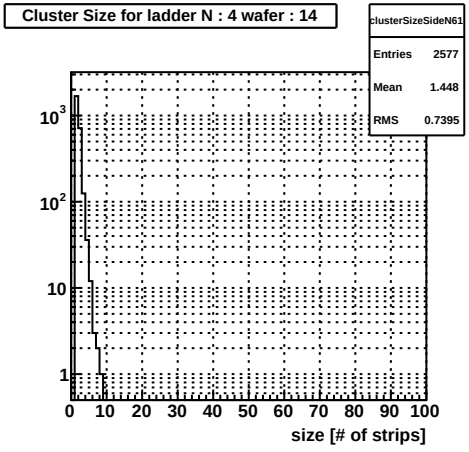

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2947
Mean 1.435
RMS 0.8176
size [# of strips]

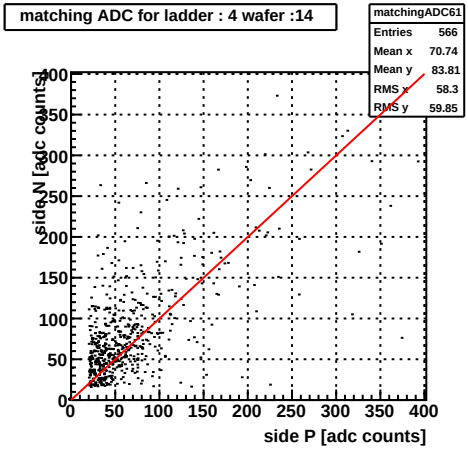

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1429
Mean x 84.57
Mean y 75.64
RMS x 63.47
RMS y 58.56
side N [adc counts]
side P [adc counts]

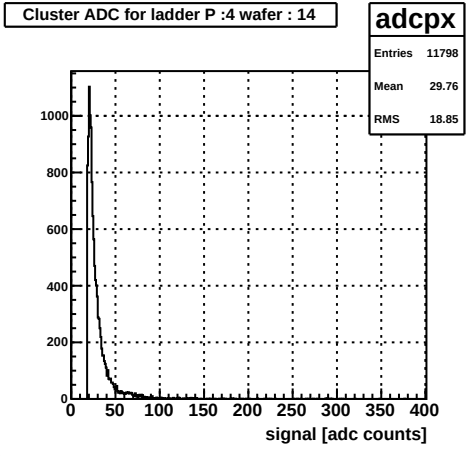

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8786
Mean 36.98
RMS 36.75
signal [adc counts]

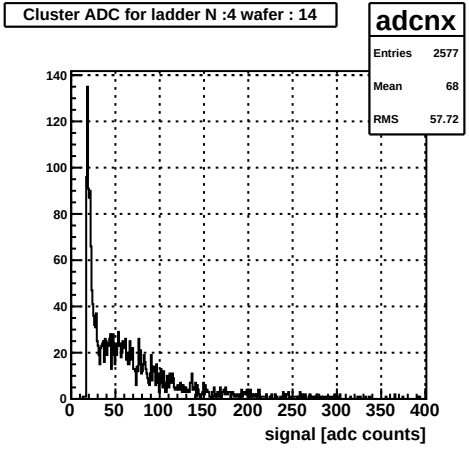

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2947
Mean 61.06
RMS 59.73
signal [adc counts]

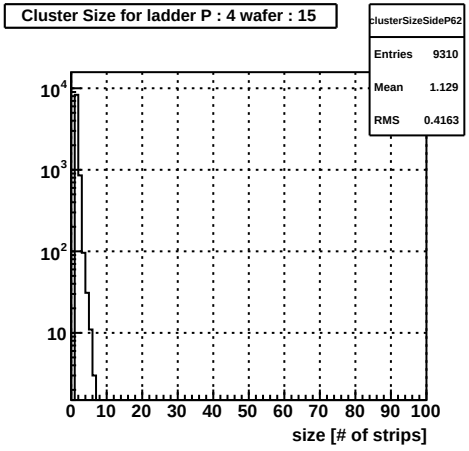

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 11798
Mean 1.093
RMS 0.3316
size [# of strips]

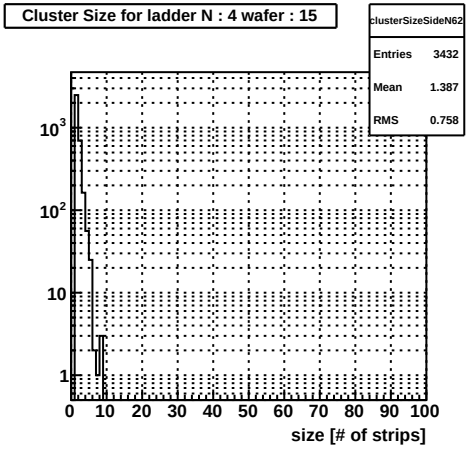

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2577
Mean 1.448
RMS 0.7395
size [# of strips]

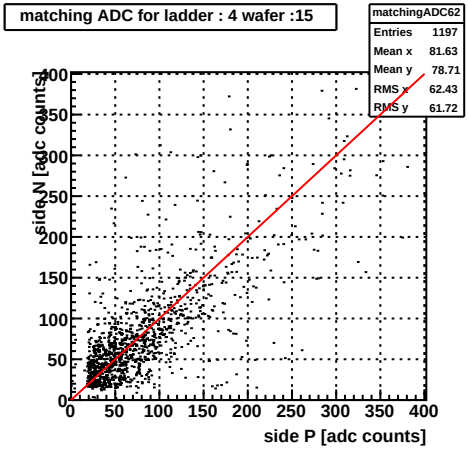

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 566
Mean x 70.74
Mean y 83.81
RMS x 58.3
RMS y 59.85
side N [adc counts]
side P [adc counts]

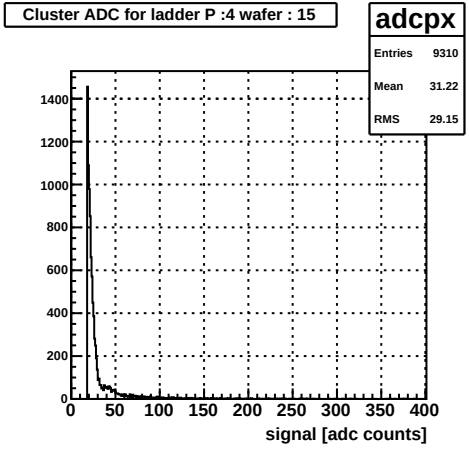

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 11798
Mean 29.76
RMS 18.85
signal [adc counts]

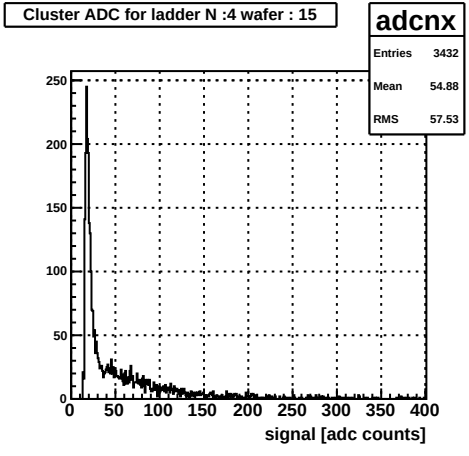

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2577
Mean 68
RMS 57.72
signal [adc counts]

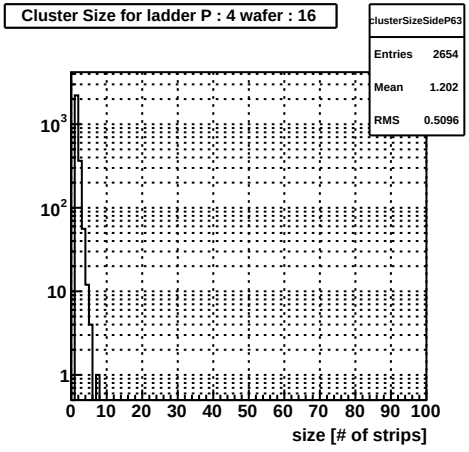

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9310
Mean 1.129
RMS 0.4163
size [# of strips]

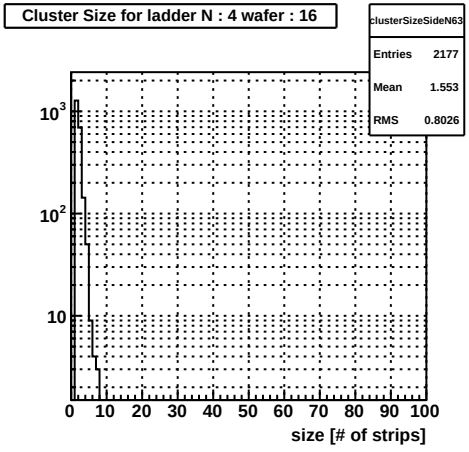

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3432
Mean 1.387
RMS 0.758
size [# of strips]

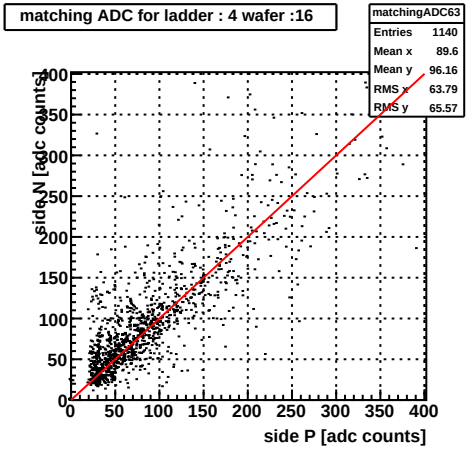

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1197
Mean x 81.63
Mean y 78.71
RMS x 62.43
RMS y 61.72
side N [adc counts]
side P [adc counts]

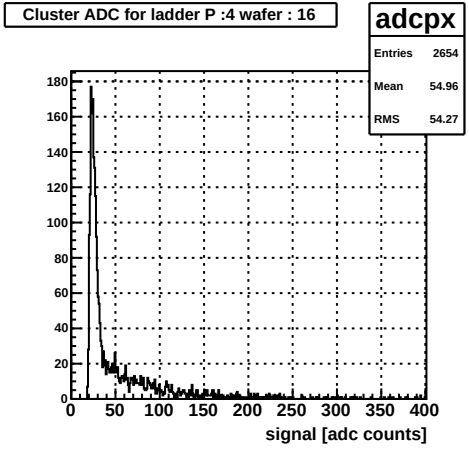

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9310
Mean 31.22
RMS 29.15
signal [adc counts]

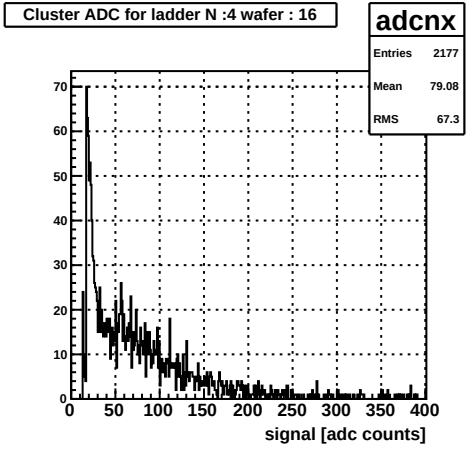

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3432
Mean 54.88
RMS 57.53
signal [adc counts]

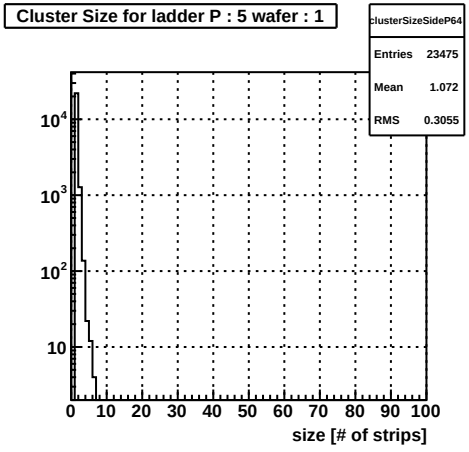

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2654
Mean 1.202
RMS 0.5096
size [# of strips]

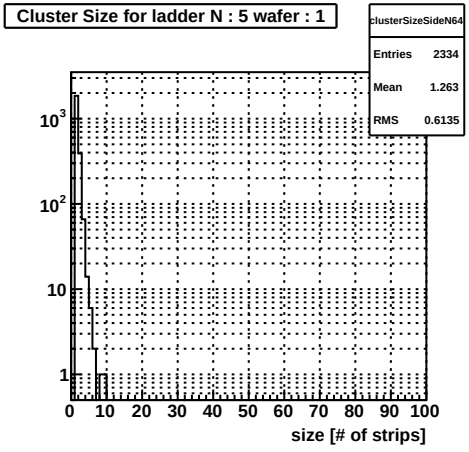

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2177
Mean 1.553
RMS 0.8026
size [# of strips]

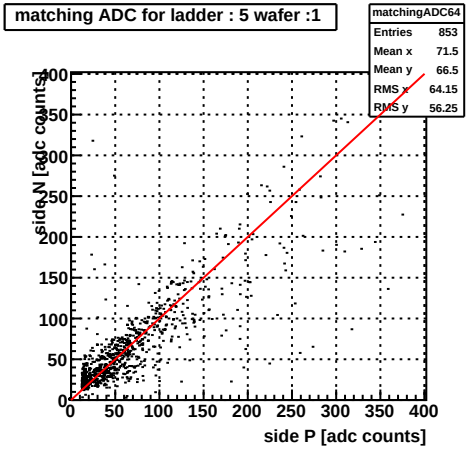

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1140
Mean x 89.6
Mean y 96.16
RMS x 63.79
RMS y 65.57
side N [adc counts]
side P [adc counts]

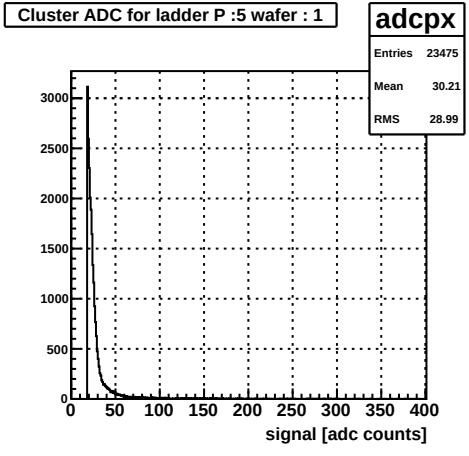

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2654
Mean 54.96
RMS 54.27
signal [adc counts]

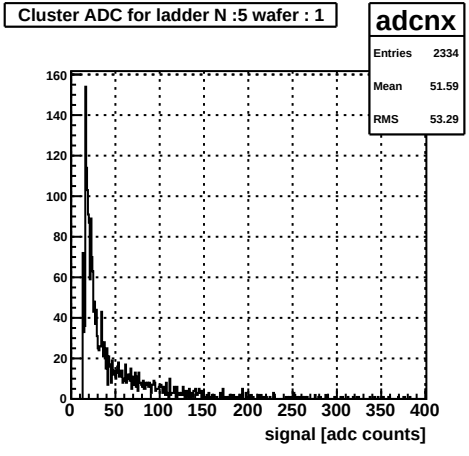

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2177
Mean 79.08
RMS 67.3
signal [adc counts]

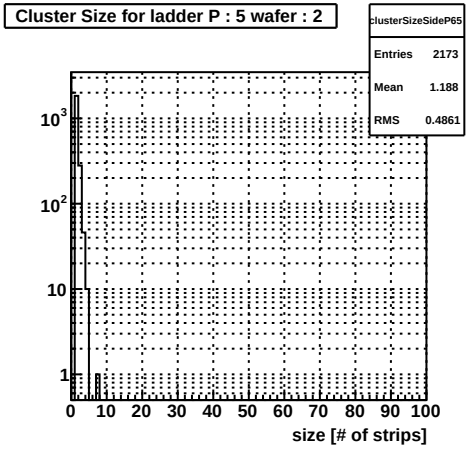

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 23475
Mean 1.072
RMS 0.3055
size [# of strips]

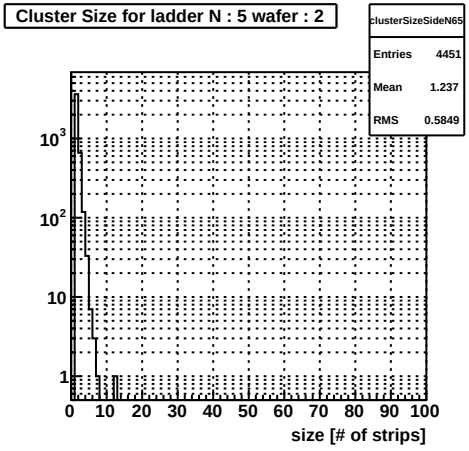

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2334
Mean 1.263
RMS 0.6135
size [# of strips]

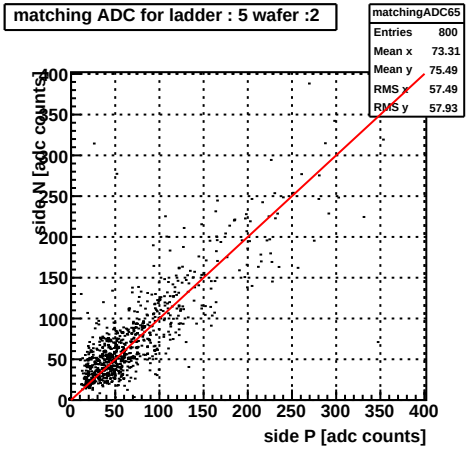

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 853
Mean x 71.5
Mean y 66.5
RMS x 64.15
RMS y 56.25
side N [adc counts]
side P [adc counts]

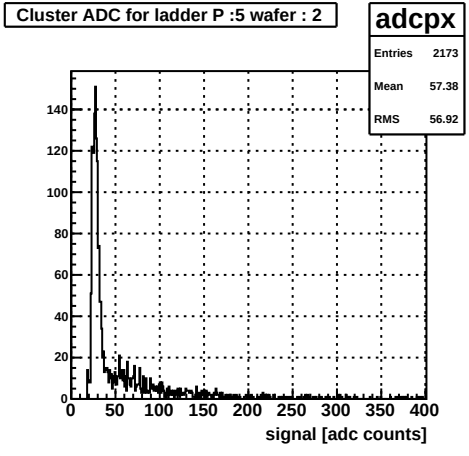

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 23475
Mean 30.21
RMS 28.99
signal [adc counts]

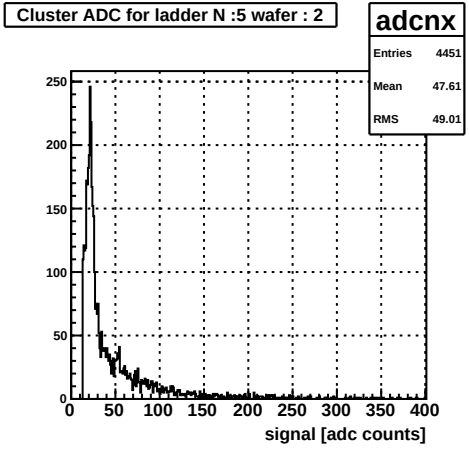

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2334
Mean 51.59
RMS 53.29
signal [adc counts]

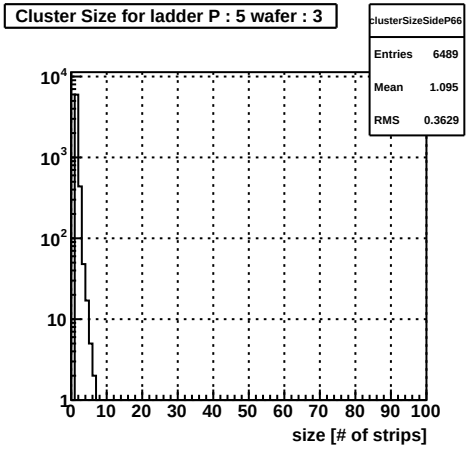

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2173
Mean 1.188
RMS 0.4861
size [# of strips]

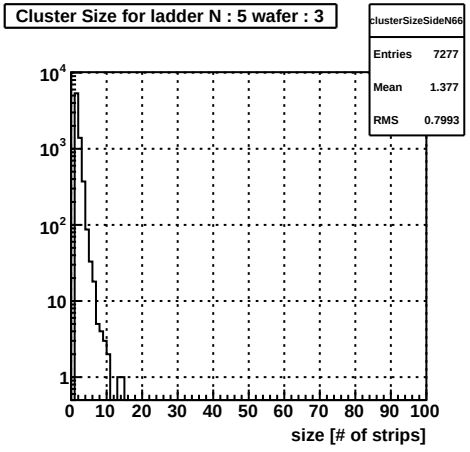

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4451
Mean 1.237
RMS 0.5849
size [# of strips]

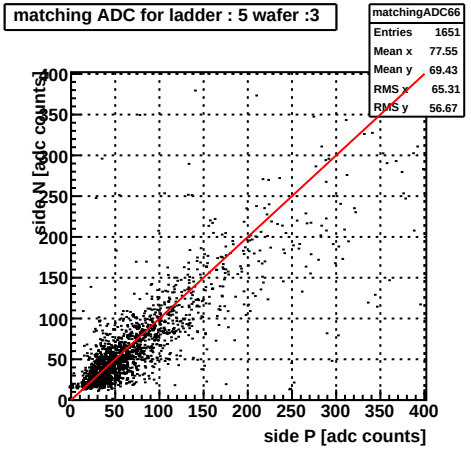

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 800
Mean x 73.31
Mean y 75.49
RMS x 57.49
RMS y 57.93
side N [adc counts]
side P [adc counts]

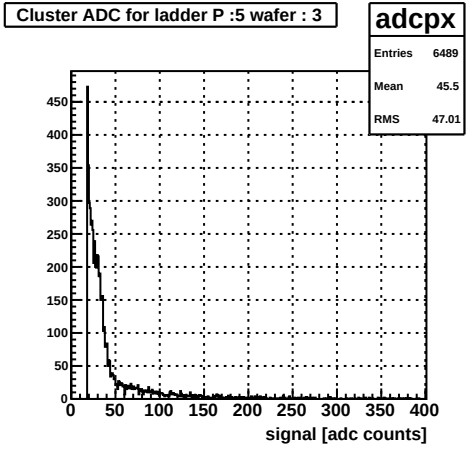

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2173
Mean 57.38
RMS 56.92
signal [adc counts]

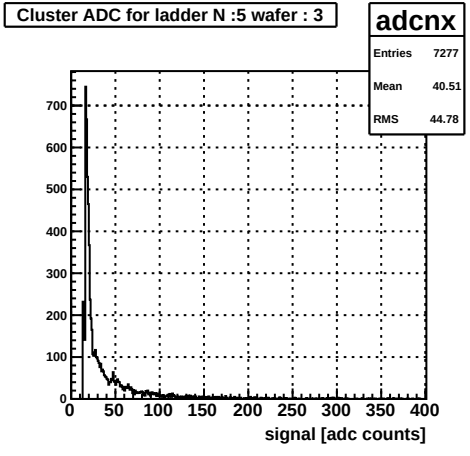

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4451
Mean 47.61
RMS 49.01
signal [adc counts]

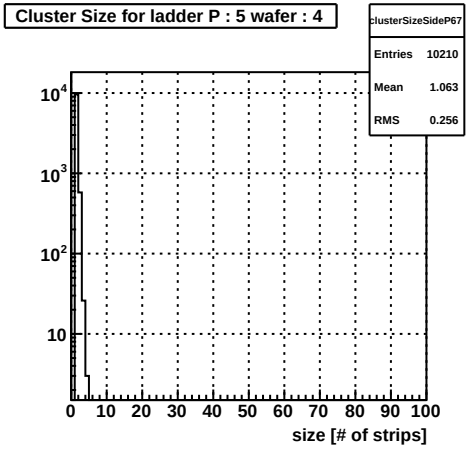

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6489
Mean 1.095
RMS 0.3629
size [# of strips]

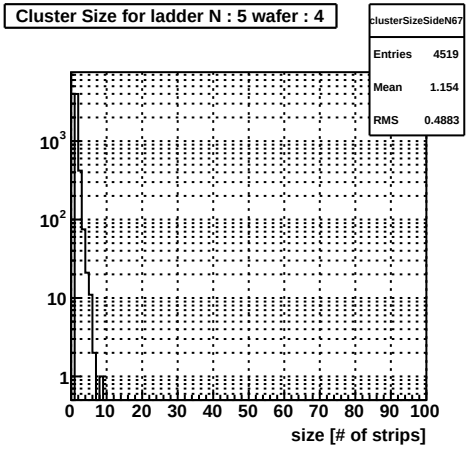

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7277
Mean 1.377
RMS 0.7993
size [# of strips]

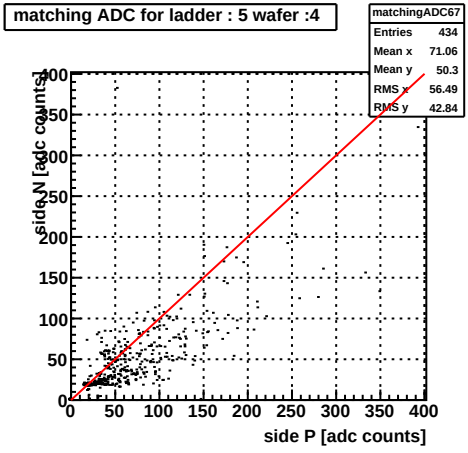

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1651
Mean x 77.55
Mean y 69.43
RMS x 65.31
RMS y 56.67
side N [adc counts]
side P [adc counts]

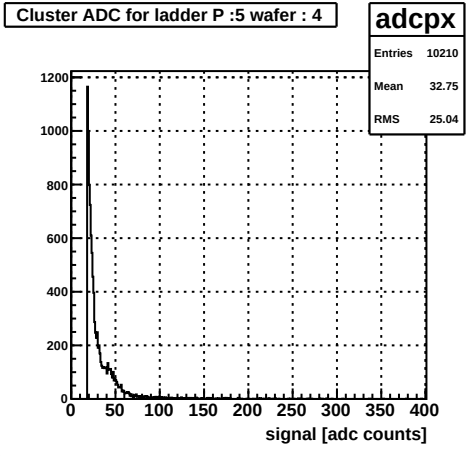

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6489
Mean 45.5
RMS 47.01
signal [adc counts]

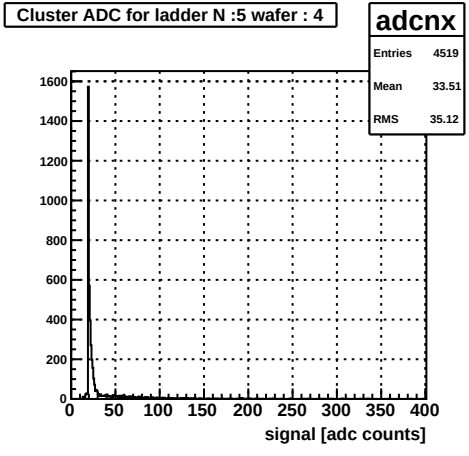

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7277
Mean 40.51
RMS 44.78
signal [adc counts]

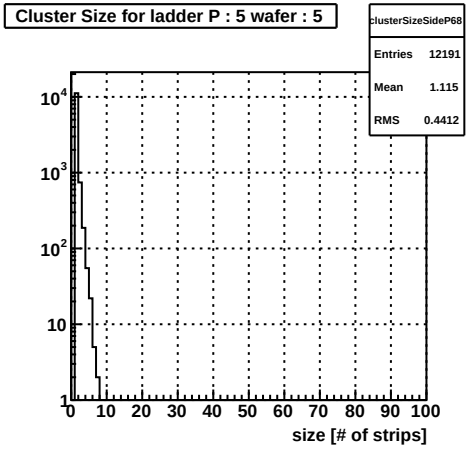

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10210
Mean 1.063
RMS 0.256
size [# of strips]

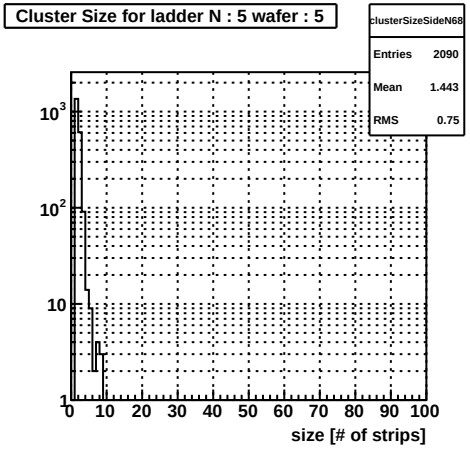

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 4519
Mean 1.154
RMS 0.4883
size [# of strips]

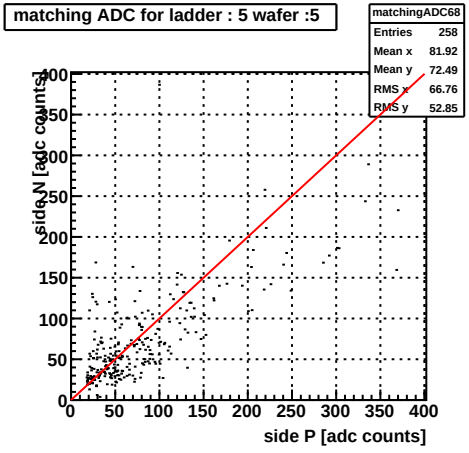

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 434
Mean x 71.06
Mean y 50.3
RMS x 56.49
RMS y 42.84
side N [adc counts]
side P [adc counts]

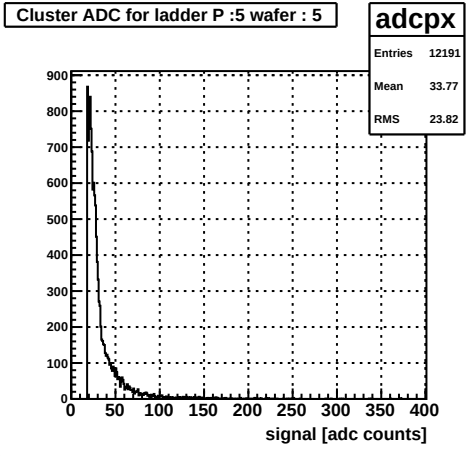

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10210
Mean 32.75
RMS 25.04
signal [adc counts]

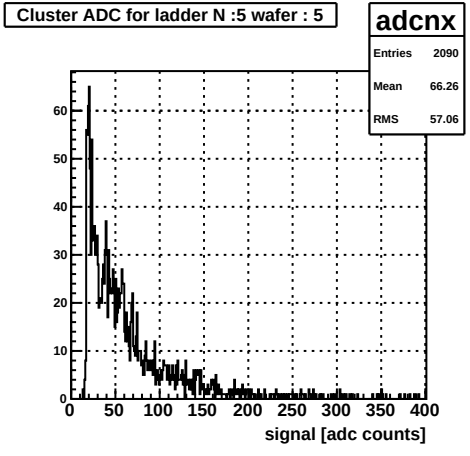

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 4519
Mean 33.51
RMS 35.12
signal [adc counts]

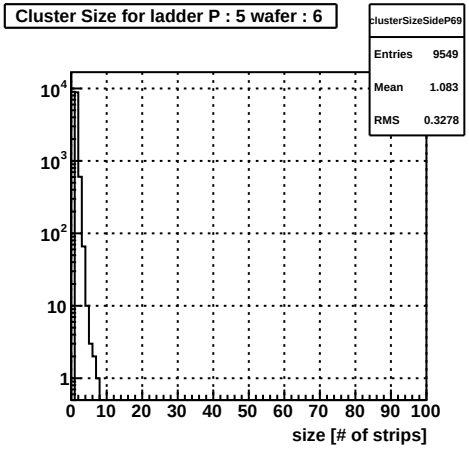

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 12191
Mean 1.115
RMS 0.4412
size [# of strips]

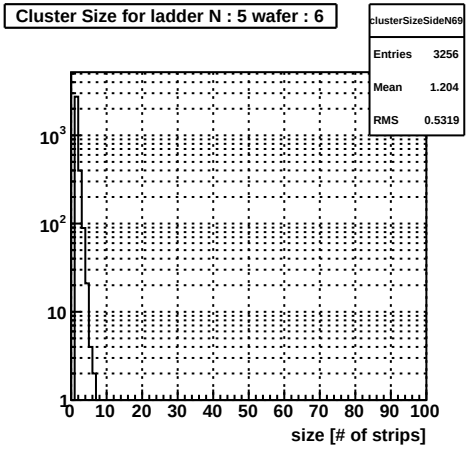

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2090
Mean 1.443
RMS 0.75
size [# of strips]

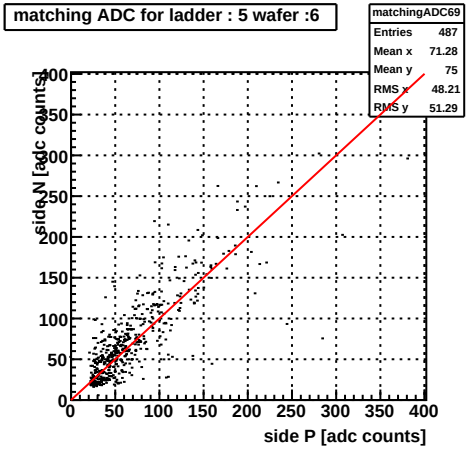

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 258
Mean x 81.92
Mean y 72.49
RMS x 66.76
RMS y 52.85
side N [adc counts]
side P [adc counts]

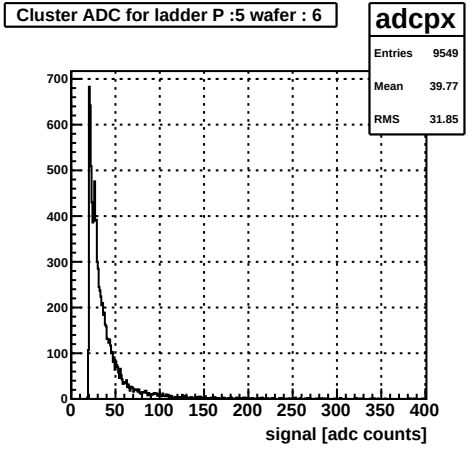

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 12191
Mean 33.77
RMS 23.82
signal [adc counts]

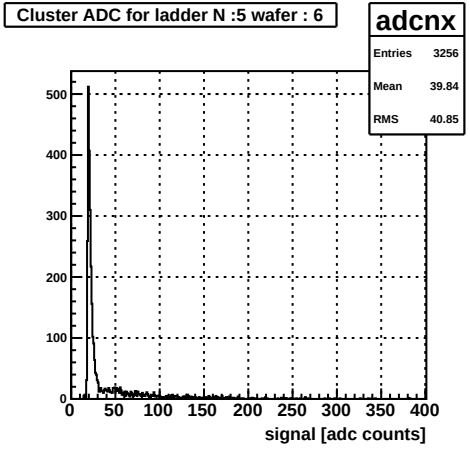

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2090
Mean 66.26
RMS 57.06
signal [adc counts]

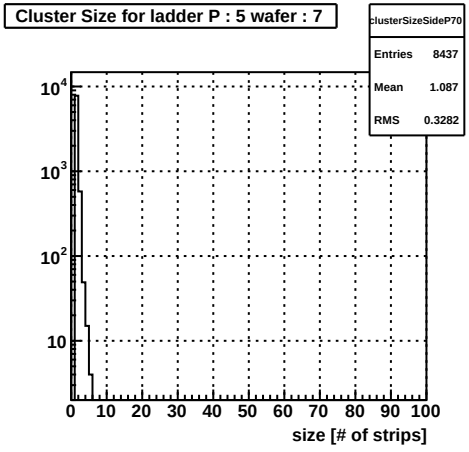

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9549
Mean 1.083
RMS 0.3278
size [# of strips]

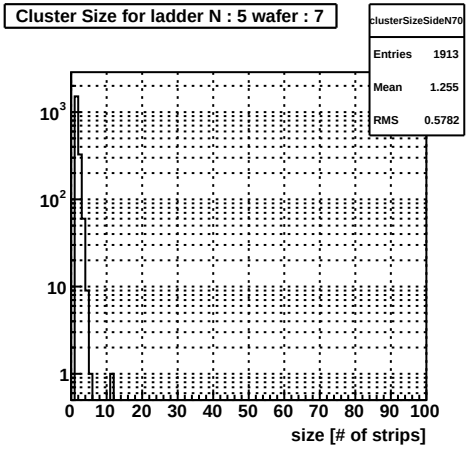

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3256
Mean 1.204
RMS 0.5319
size [# of strips]

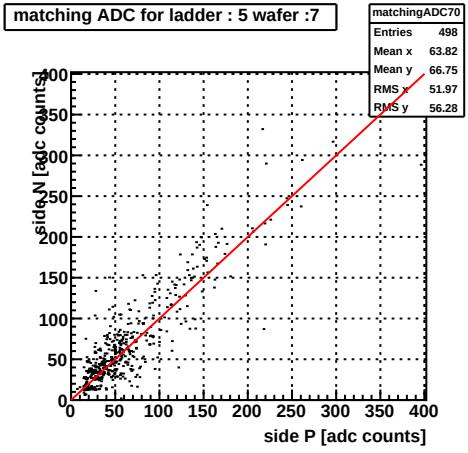

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 487
Mean x 71.28
Mean y 75
RMS x 48.21
RMS y 51.29
side N [adc counts]
side P [adc counts]

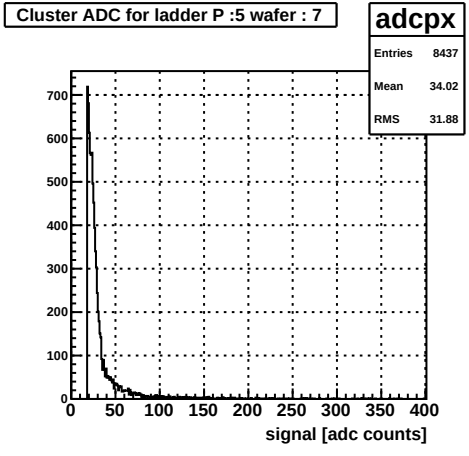

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9549
Mean 39.77
RMS 31.85
signal [adc counts]

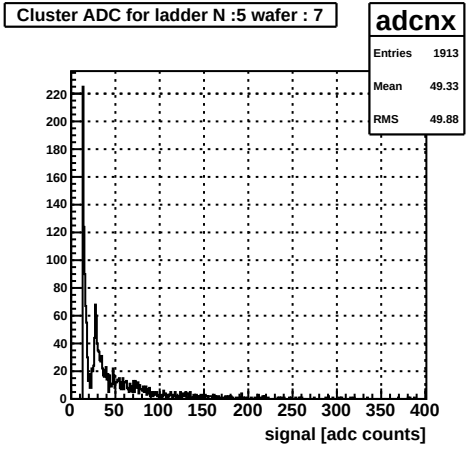

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3256
Mean 39.84
RMS 40.85
signal [adc counts]

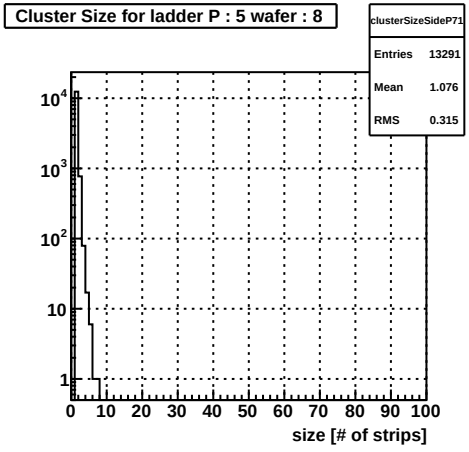

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8437
Mean 1.087
RMS 0.3282
size [# of strips]

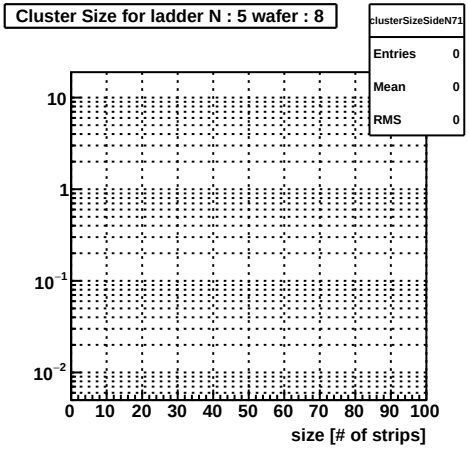

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1913
Mean 1.255
RMS 0.5782
size [# of strips]

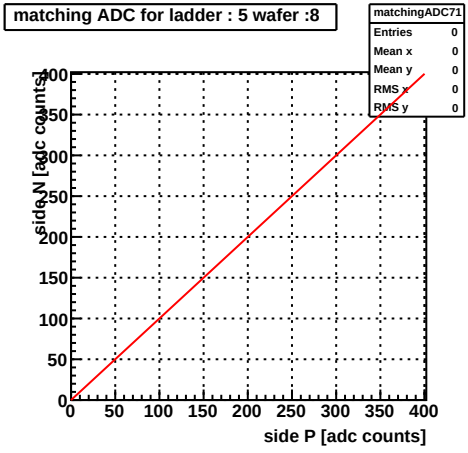

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 498
Mean x 63.82
Mean y 66.75
RMS x 51.97
RMS y 56.28
side N [adc counts]
side P [adc counts]

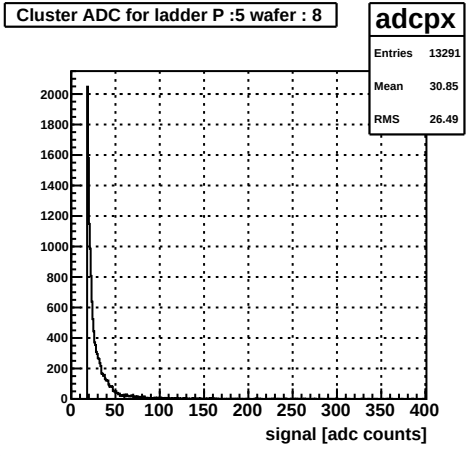

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8437
Mean 34.02
RMS 31.88
signal [adc counts]

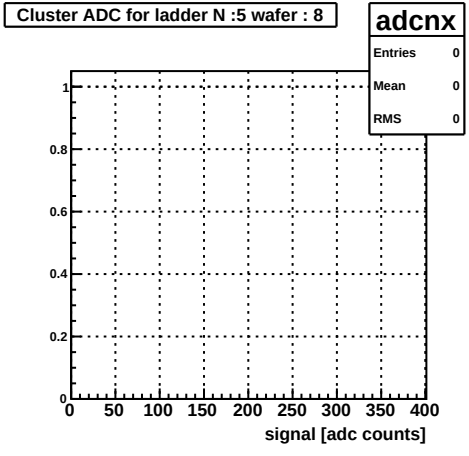

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1913
Mean 49.33
RMS 49.88
signal [adc counts]

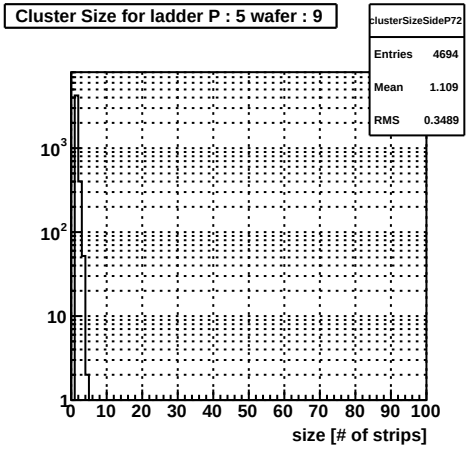

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13291
Mean 1.076
RMS 0.315
size [# of strips]

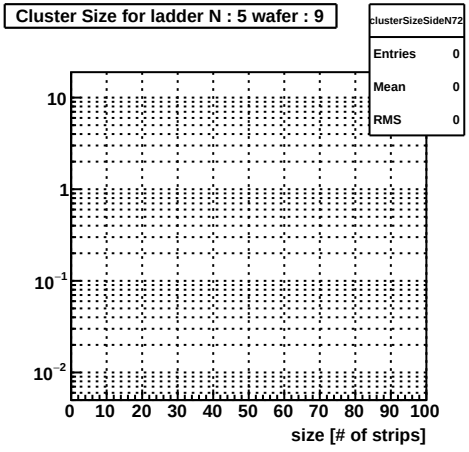

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

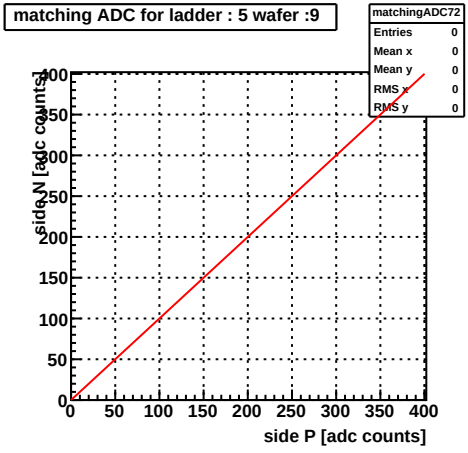

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

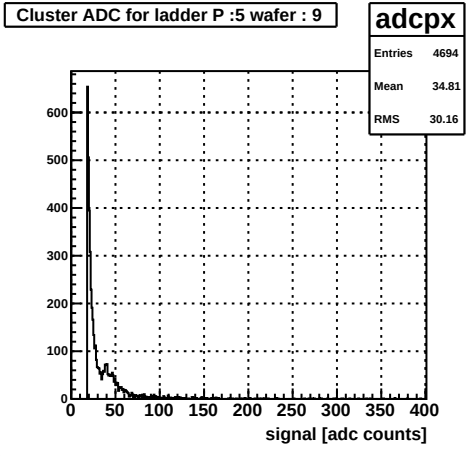

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13291
Mean 30.85
RMS 26.49
signal [adc counts]

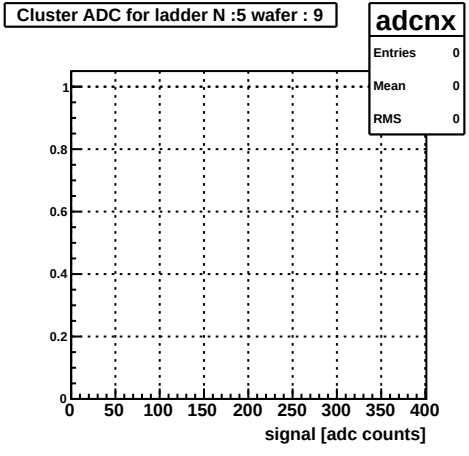

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

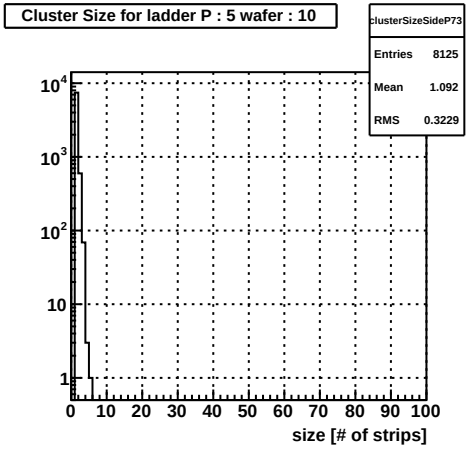

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4694
Mean 1.109
RMS 0.3489
size [# of strips]

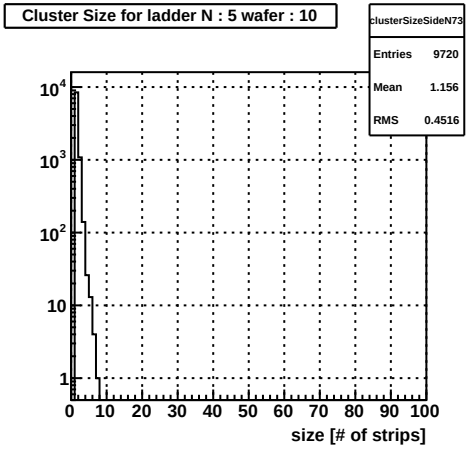

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

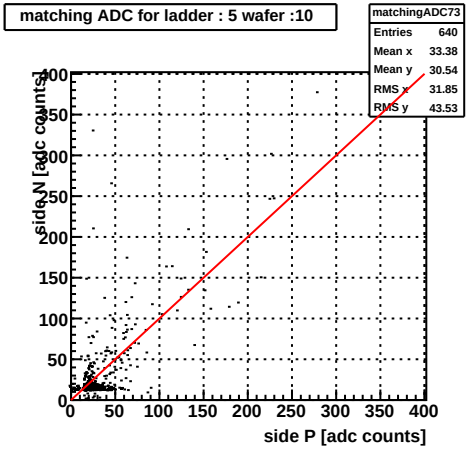

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

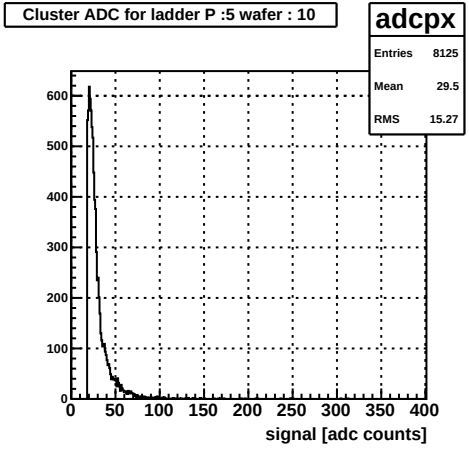

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4694
Mean 34.81
RMS 30.16
signal [adc counts]

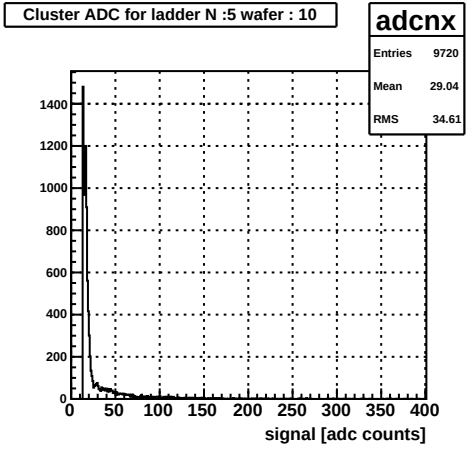

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

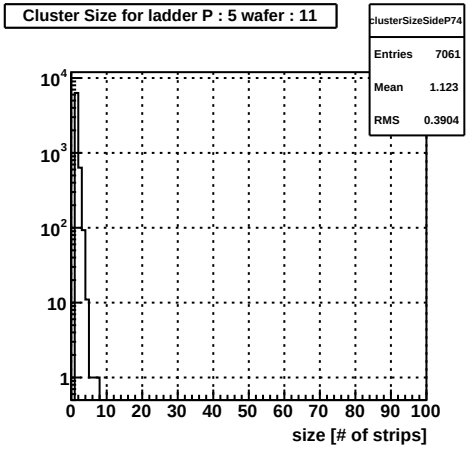

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 8125
Mean 1.092
RMS 0.3229
size [# of strips]

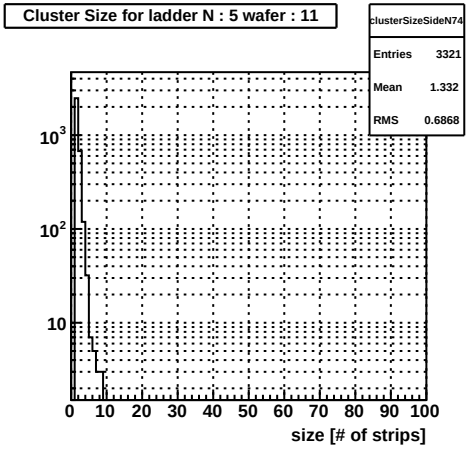

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9720
Mean 1.156
RMS 0.4516
size [# of strips]

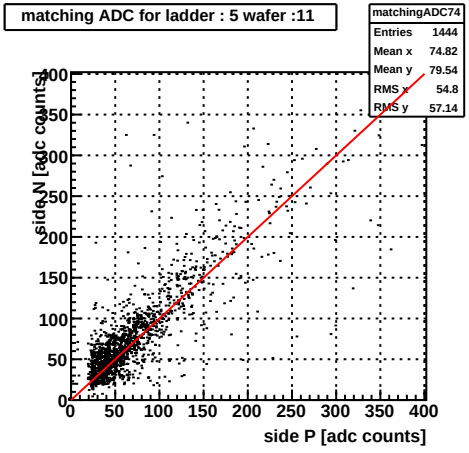

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 640
Mean x 33.38
Mean y 30.54
RMS x 31.85
RMS y 43.53
side N [adc counts]
side P [adc counts]

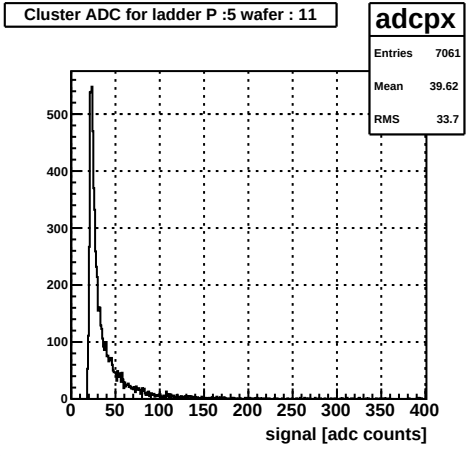

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 8125
Mean 29.5
RMS 15.27
signal [adc counts]

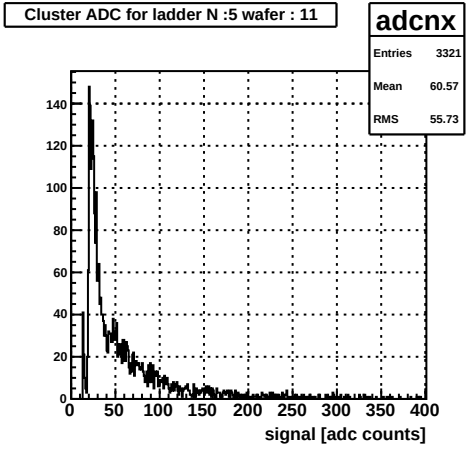

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9720
Mean 29.04
RMS 34.61
signal [adc counts]

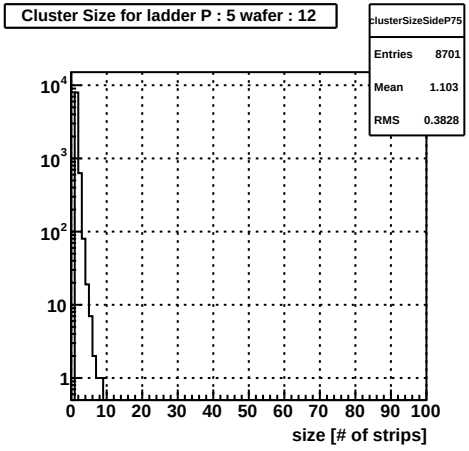

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 7061
Mean 1.123
RMS 0.3904
size [# of strips]

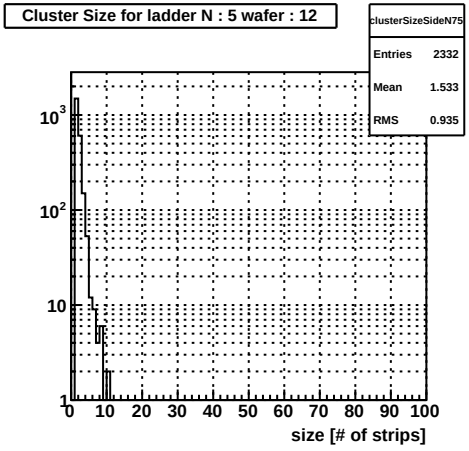

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3321
Mean 1.332
RMS 0.6868
size [# of strips]

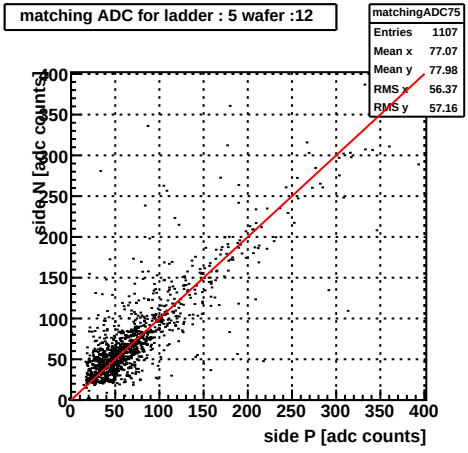

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1444
Mean x 74.82
Mean y 79.54
RMS x 54.8
RMS y 57.14
side N [adc counts]
side P [adc counts]

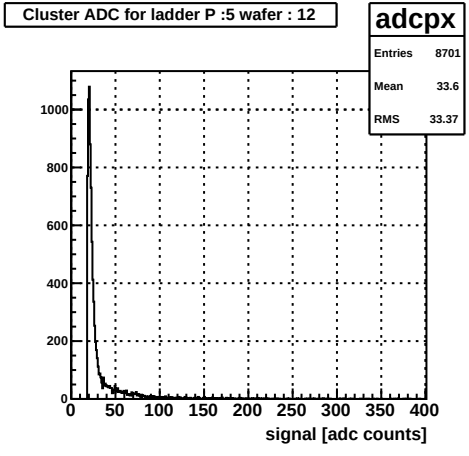

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 7061
Mean 39.62
RMS 33.7
signal [adc counts]

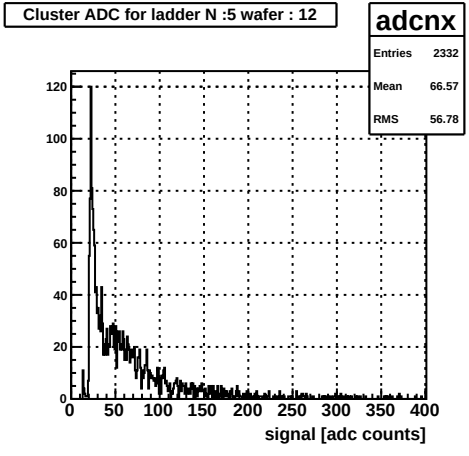

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3321
Mean 60.57
RMS 55.73
signal [adc counts]

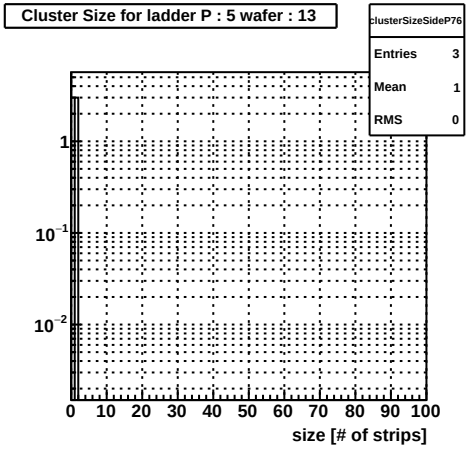

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8701
Mean 1.103
RMS 0.3828
size [# of strips]

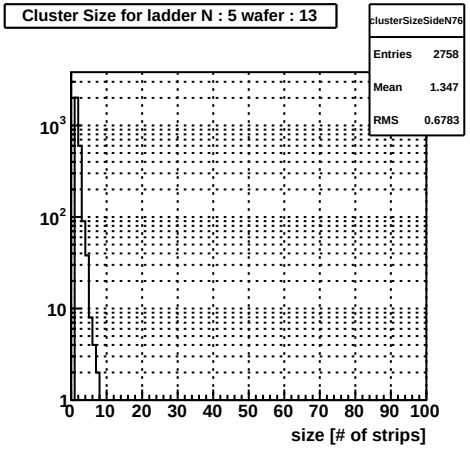

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2332
Mean 1.533
RMS 0.935
size [# of strips]

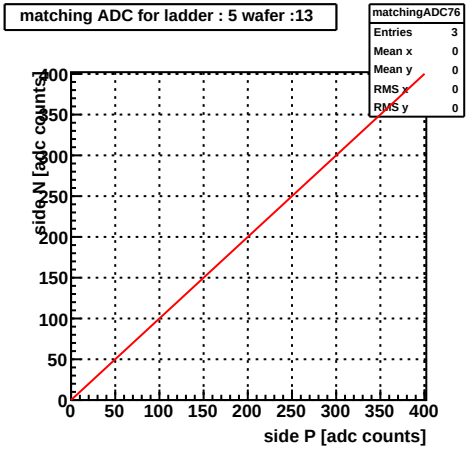

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1107
Mean x 77.07
Mean y 77.98
RMS x 56.37
RMS y 57.16
side N [adc counts]
side P [adc counts]

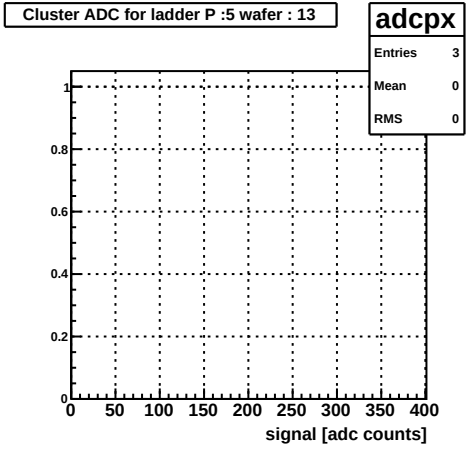

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8701
Mean 33.6
RMS 33.37
signal [adc counts]

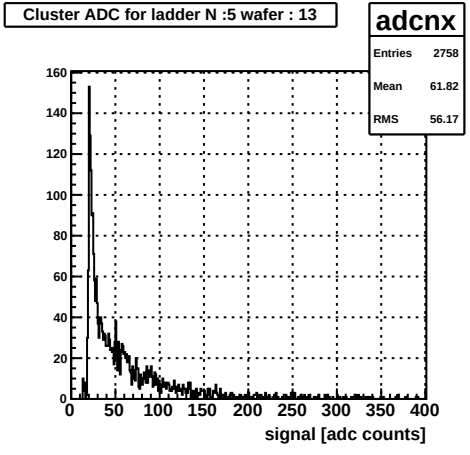

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2332
Mean 66.57
RMS 56.78
signal [adc counts]

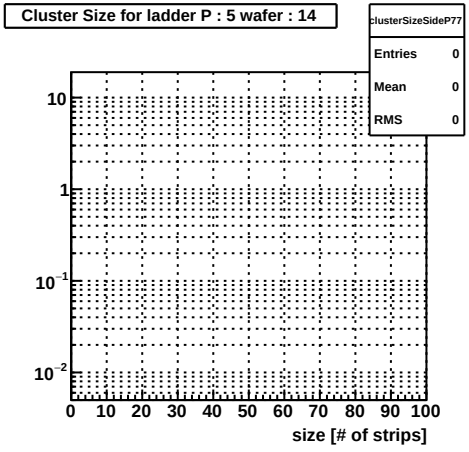

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 3
Mean 1
RMS 0
size [# of strips]

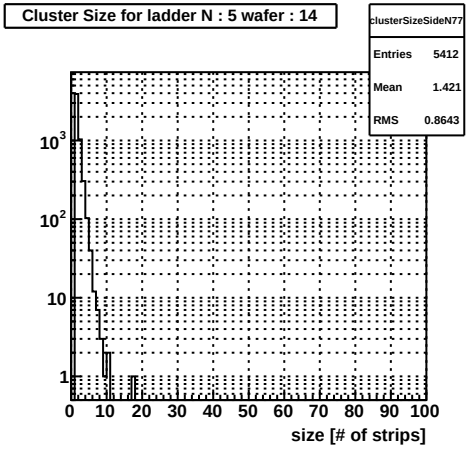

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2758
Mean 1.347
RMS 0.6783
size [# of strips]

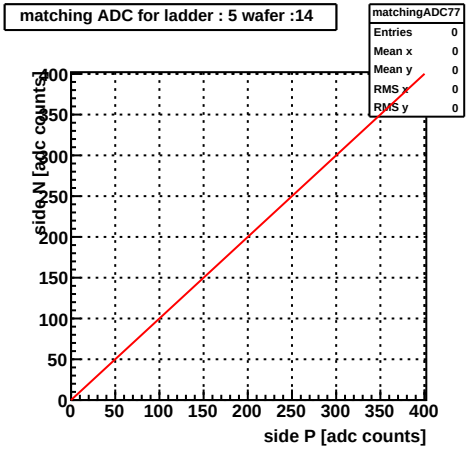

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

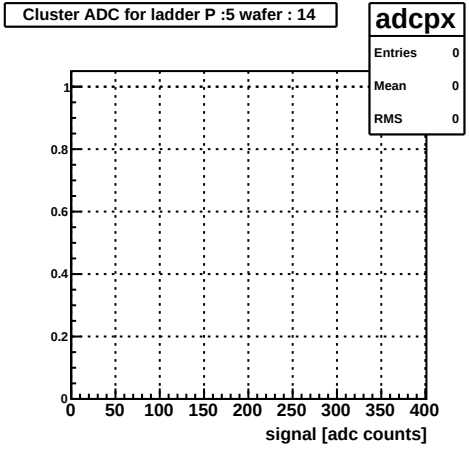

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

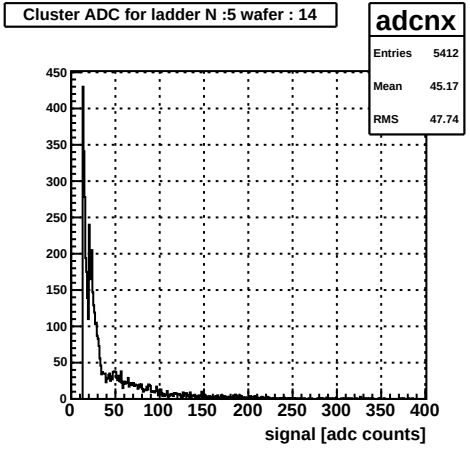

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2758
Mean 61.82
RMS 56.17
signal [adc counts]

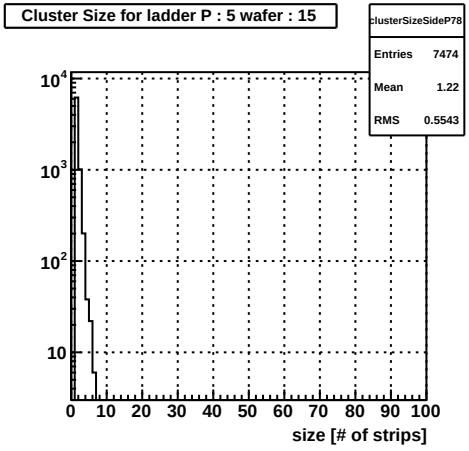

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

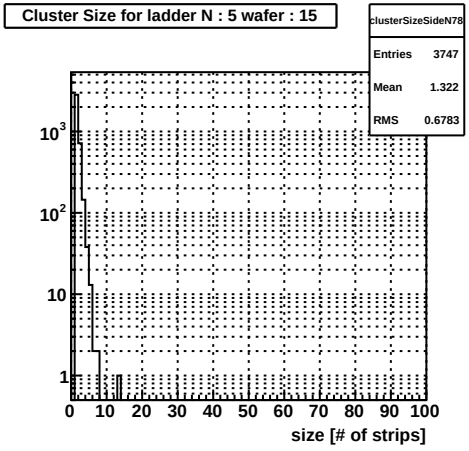

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5412
Mean 1.421
RMS 0.8643
size [# of strips]

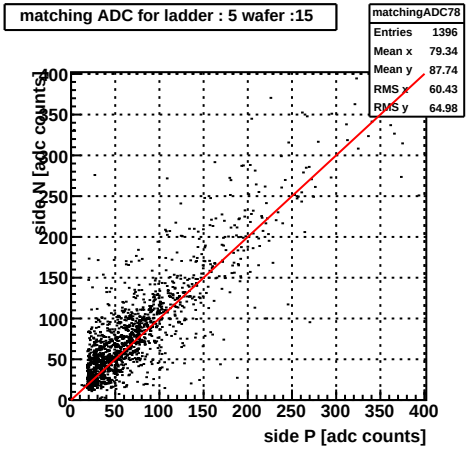

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

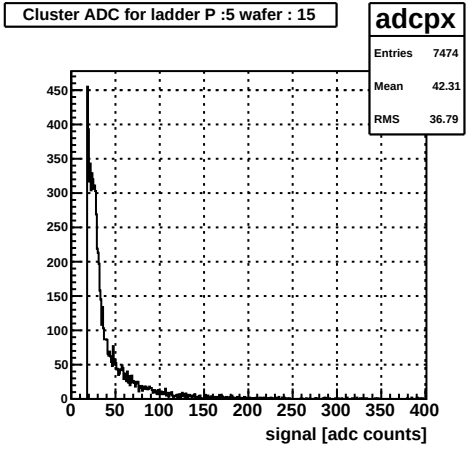

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

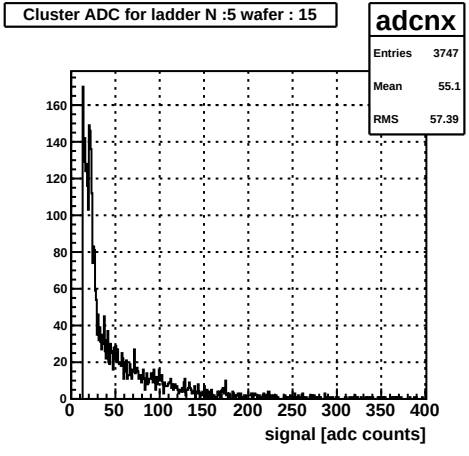

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5412
Mean 45.17
RMS 47.74
signal [adc counts]

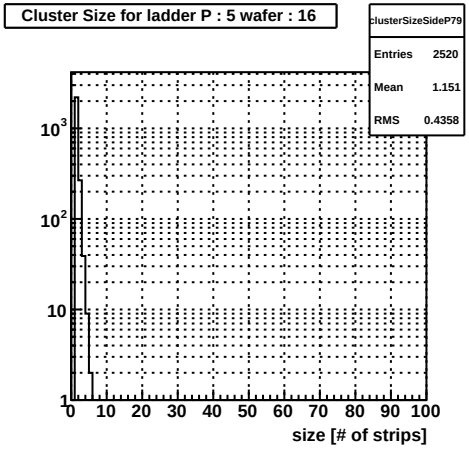

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 7474
Mean 1.22
RMS 0.5543
size [# of strips]

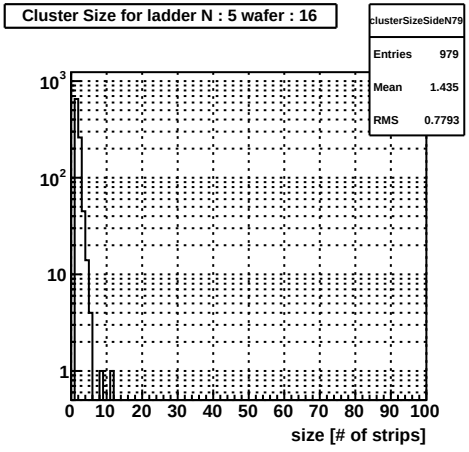

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3747
Mean 1.322
RMS 0.6783
size [# of strips]

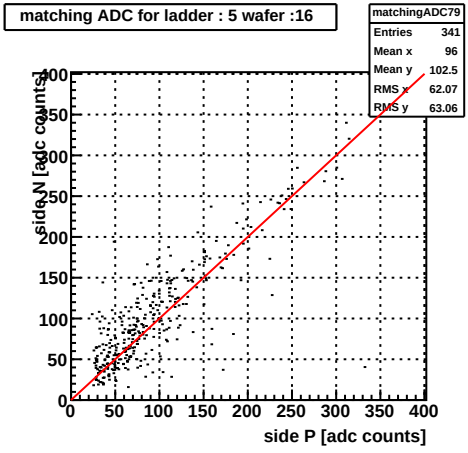

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1396
Mean x 79.34
Mean y 87.74
RMS x 60.43
RMS y 64.98
side N [adc counts]
side P [adc counts]

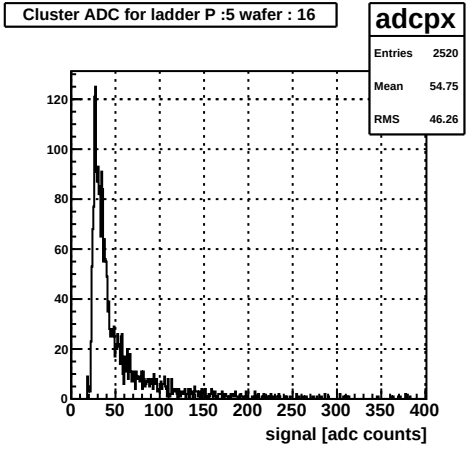

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 7474
Mean 42.31
RMS 36.79
signal [adc counts]

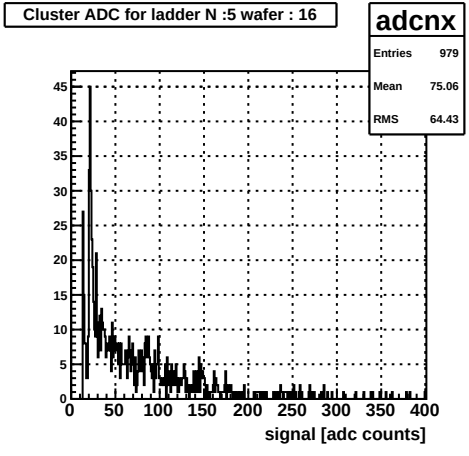

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3747
Mean 55.1
RMS 57.39
signal [adc counts]

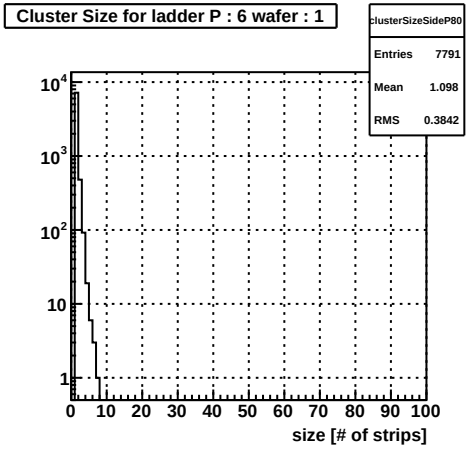

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2520
Mean 1.151
RMS 0.4358
size [# of strips]

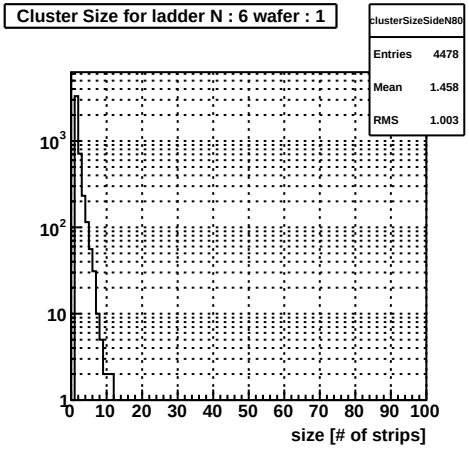

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 979
Mean 1.435
RMS 0.7793
size [# of strips]

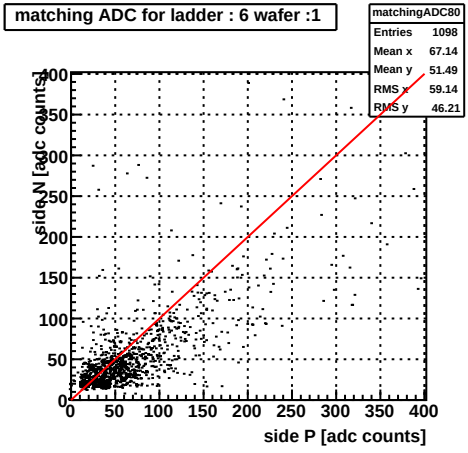

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 341
Mean x 96
Mean y 102.5
RMS x 62.07
RMS y 63.06
side N [adc counts]
side P [adc counts]

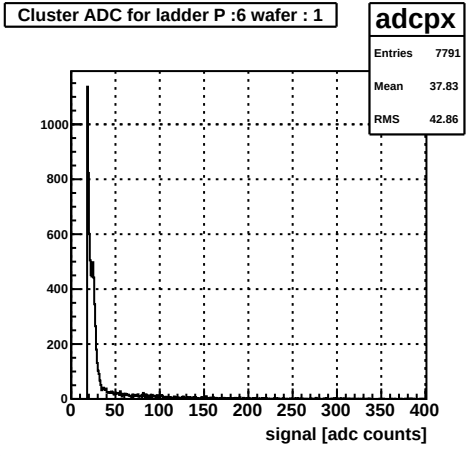

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2520
Mean 54.75
RMS 46.26
signal [adc counts]

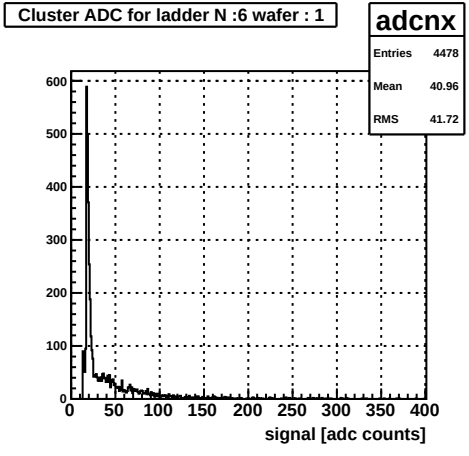

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 979
Mean 75.06
RMS 64.43
signal [adc counts]

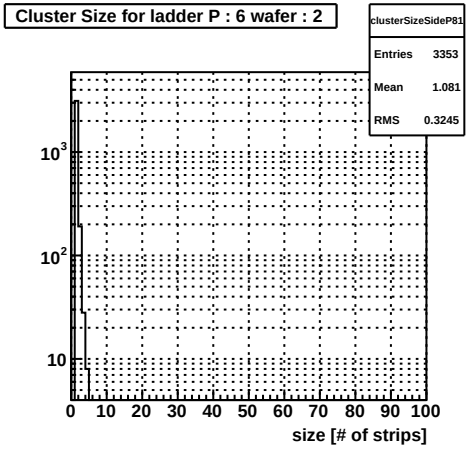

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7791
Mean 1.098
RMS 0.3842
size [# of strips]

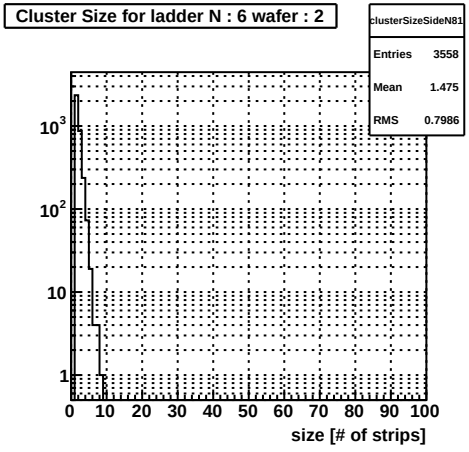

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4478
Mean 1.458
RMS 1.003
size [# of strips]

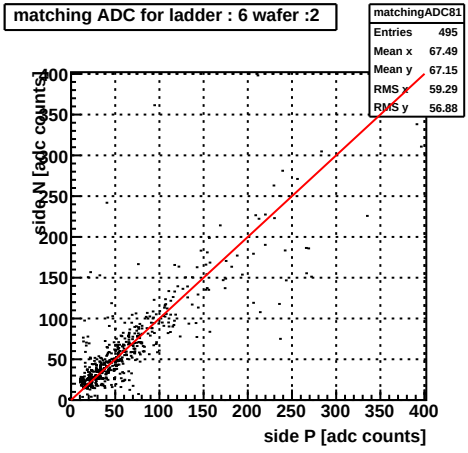

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1098
Mean x 67.14
Mean y 51.49
RMS x 59.14
RMS y 46.21
side N [adc counts]
side P [adc counts]

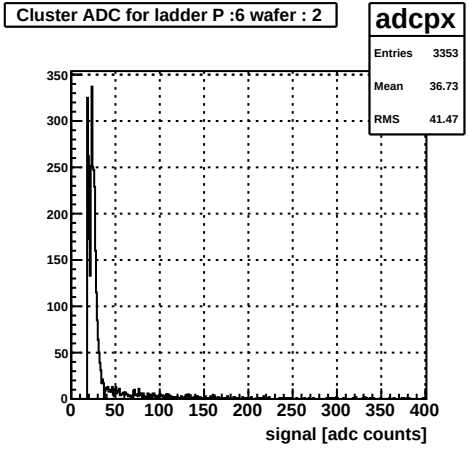

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7791
Mean 37.83
RMS 42.86
signal [adc counts]

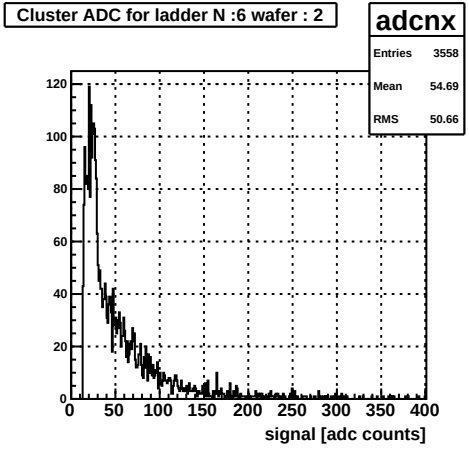

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4478
Mean 40.96
RMS 41.72
signal [adc counts]

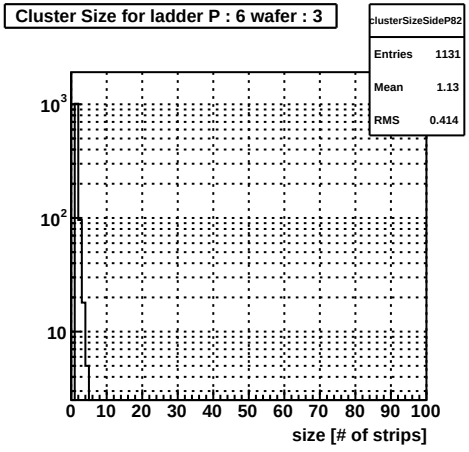

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3353
Mean 1.081
RMS 0.3245
size [# of strips]

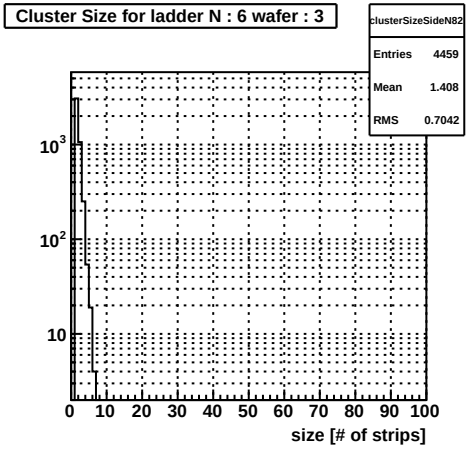

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3558
Mean 1.475
RMS 0.7986
size [# of strips]

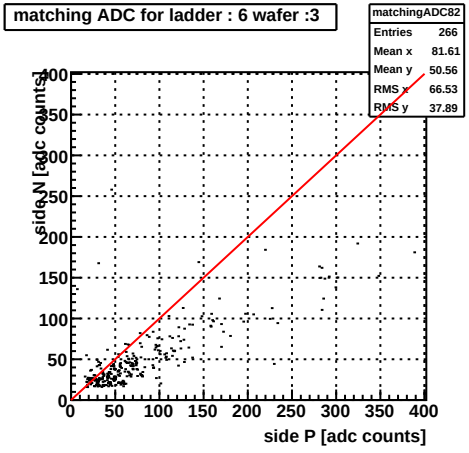

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 495
Mean x 67.49
Mean y 67.15
RMS x 59.29
RMS y 56.88
side N [adc counts]
side P [adc counts]

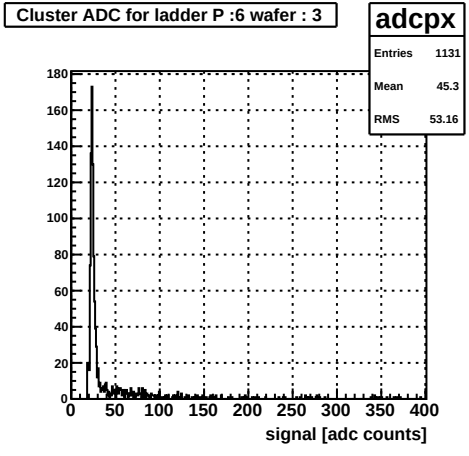

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3353
Mean 36.73
RMS 41.47
signal [adc counts]

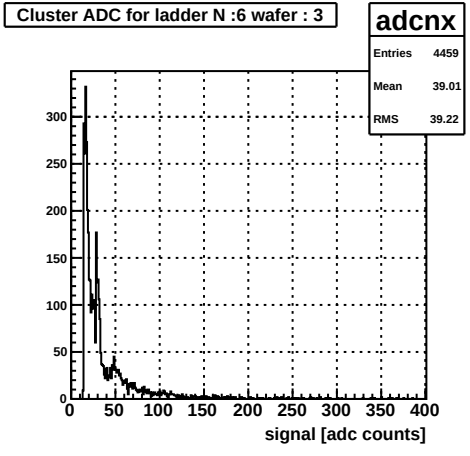

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3558
Mean 54.69
RMS 50.66
signal [adc counts]

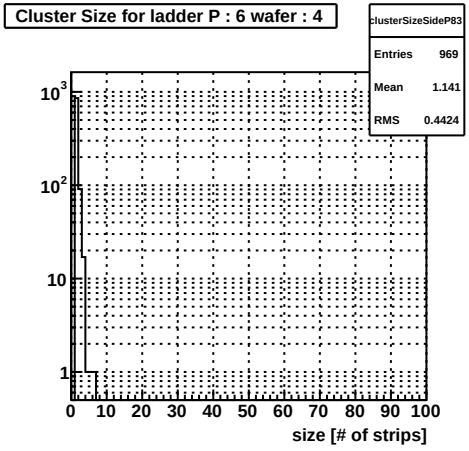

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1131
Mean 1.13
RMS 0.414
size [# of strips]

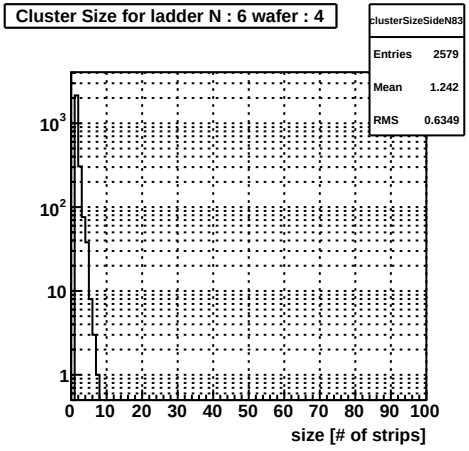

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4459
Mean 1.408
RMS 0.7042
size [# of strips]

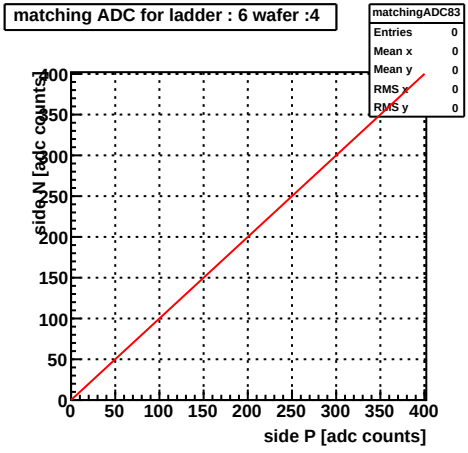

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 266
Mean x 81.61
Mean y 50.56
RMS x 66.53
RMS y 37.89
side N [adc counts]
side P [adc counts]

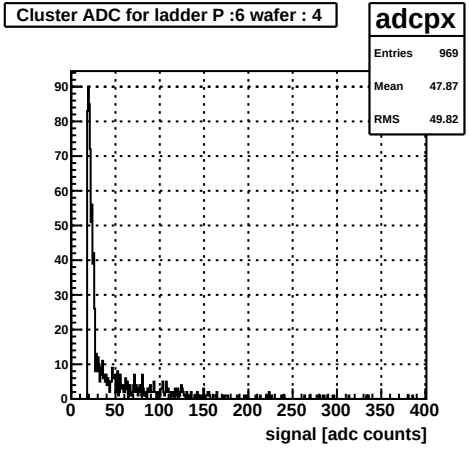

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1131
Mean 45.3
RMS 53.16
signal [adc counts]

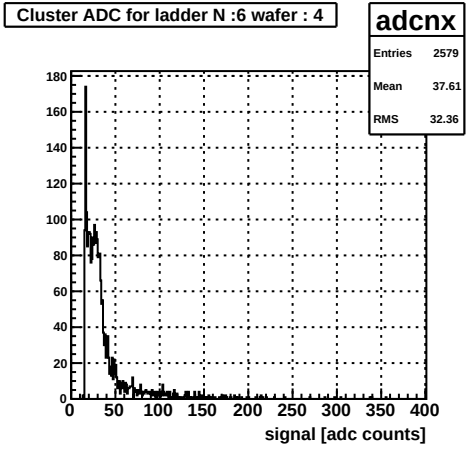

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4459
Mean 39.01
RMS 39.22
signal [adc counts]

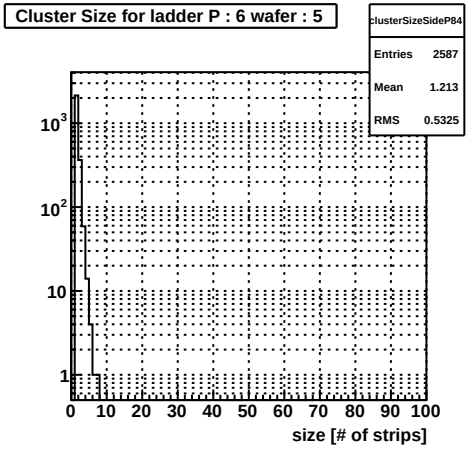

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 969
Mean 1.141
RMS 0.4424
size [# of strips]

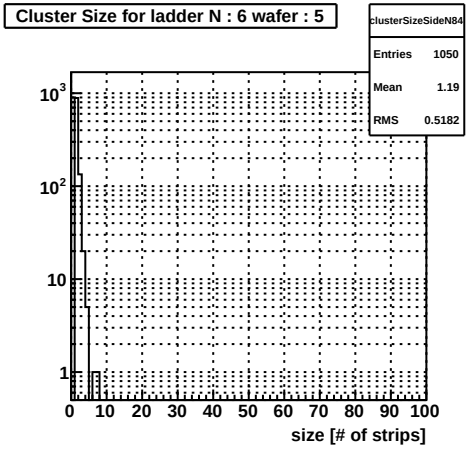

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2579
Mean 1.242
RMS 0.6349
size [# of strips]

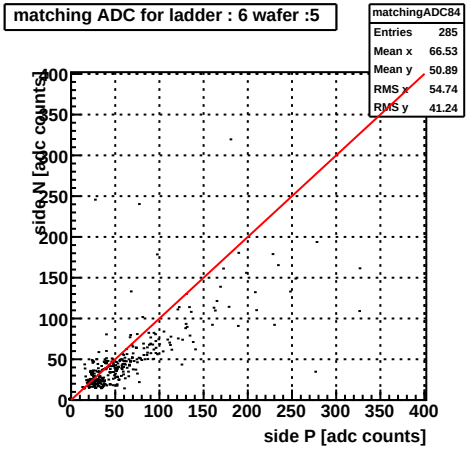

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

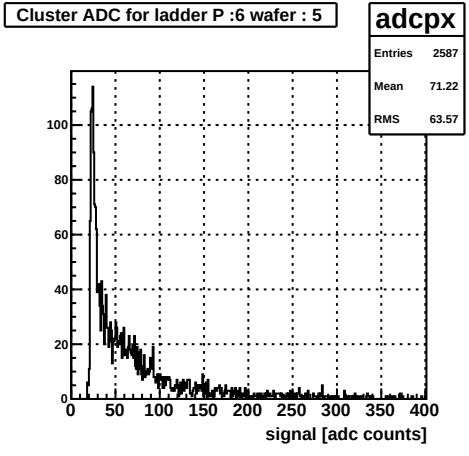

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 969
Mean 47.87
RMS 49.82
signal [adc counts]

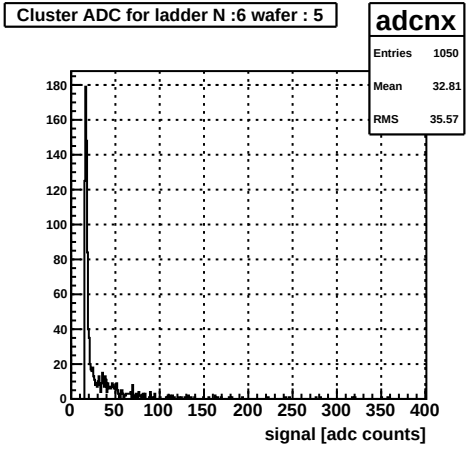

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2579
Mean 37.61
RMS 32.36
signal [adc counts]

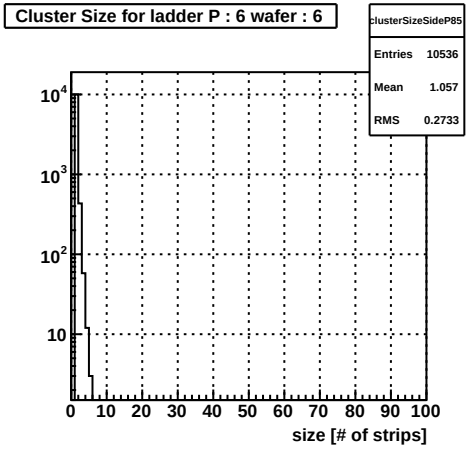

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2587
Mean 1.213
RMS 0.5325
size [# of strips]

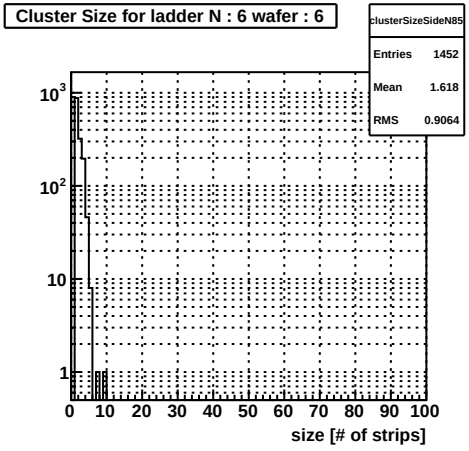

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1050
Mean 1.19
RMS 0.5182
size [# of strips]

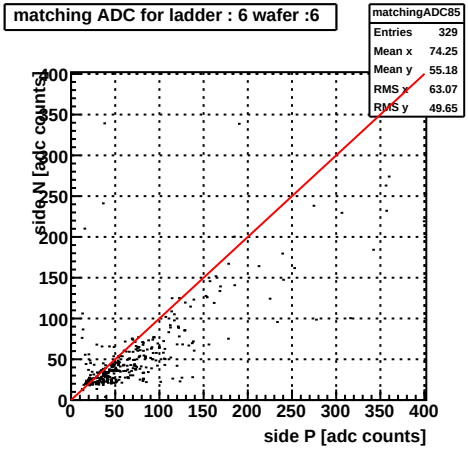

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 285
Mean x 66.53
Mean y 50.89
RMS x 54.74
RMS y 41.24
side N [adc counts]
side P [adc counts]

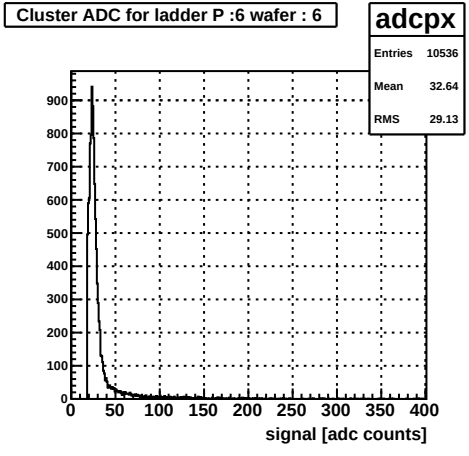

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2587
Mean 71.22
RMS 63.57
signal [adc counts]

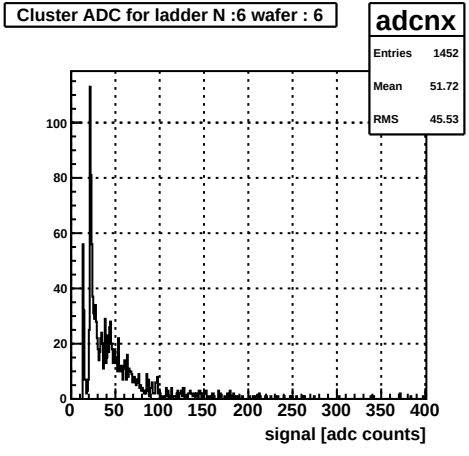

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1050
Mean 32.81
RMS 35.57
signal [adc counts]

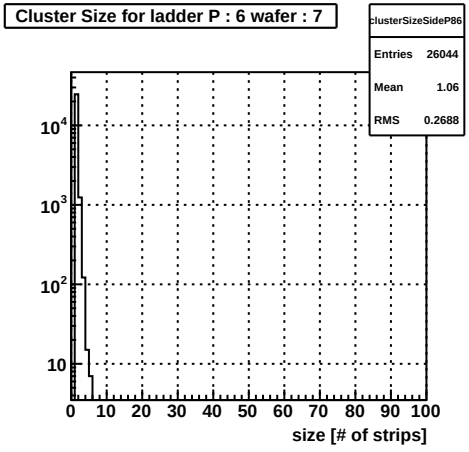

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10536
Mean 1.057
RMS 0.2733
size [# of strips]

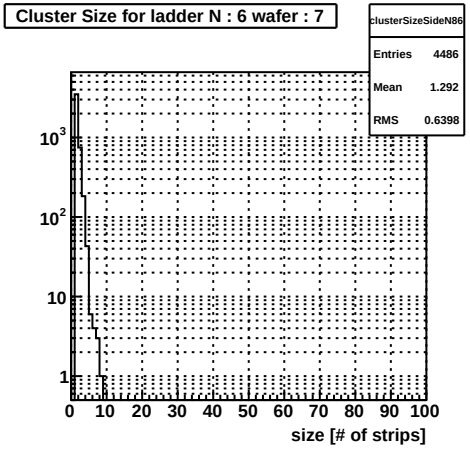

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1452
Mean 1.618
RMS 0.9064
size [# of strips]

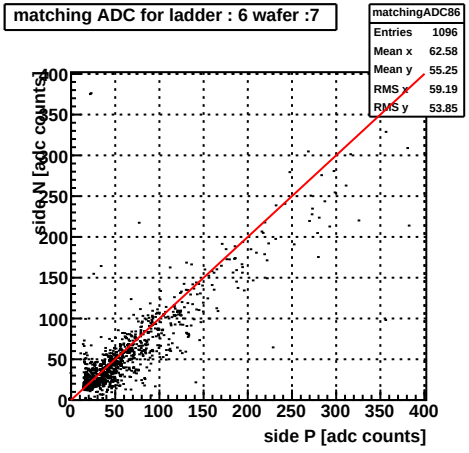

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 329
Mean x 74.25
Mean y 55.18
RMS x 63.07
RMS y 49.65
side N [adc counts]
side P [adc counts]

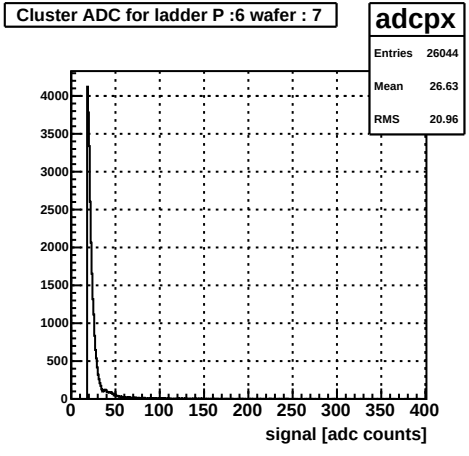

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10536
Mean 32.64
RMS 29.13
signal [adc counts]

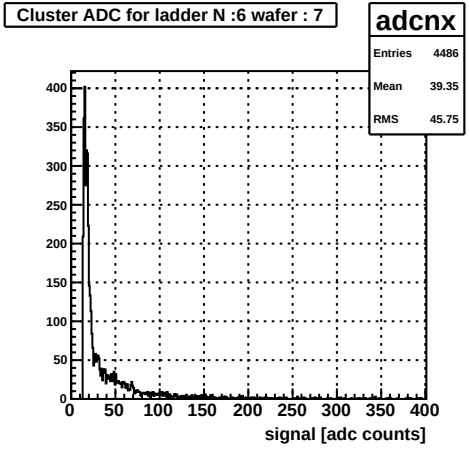

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1452
Mean 51.72
RMS 45.53
signal [adc counts]

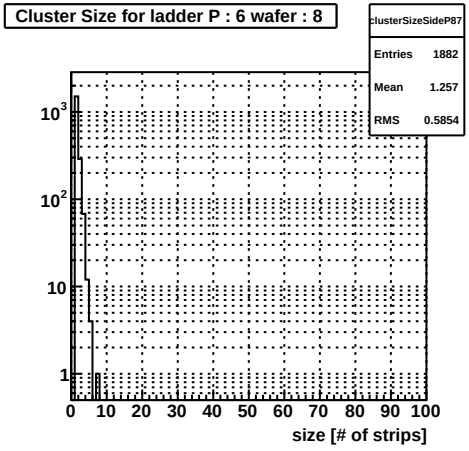

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 26044
Mean 1.06
RMS 0.2688
size [# of strips]

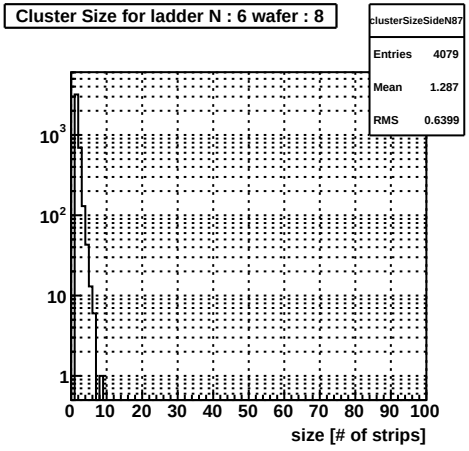

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4486
Mean 1.292
RMS 0.6398
size [# of strips]

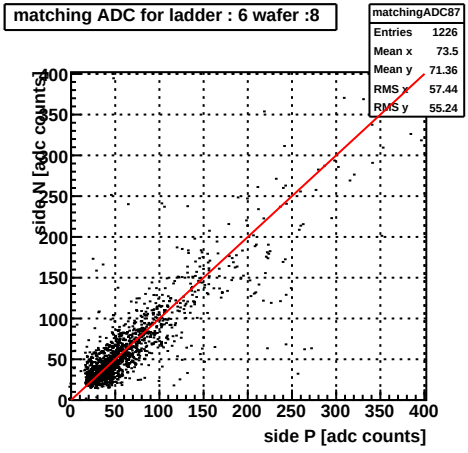

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1096
Mean x 62.58
Mean y 55.25
RMS x 59.19
RMS y 53.85
side N [adc counts]
side P [adc counts]

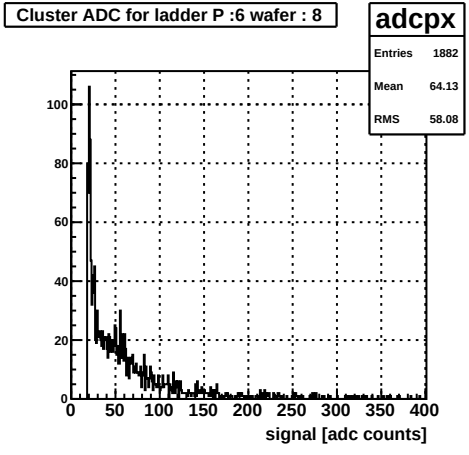

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 26044
Mean 26.63
RMS 20.96
signal [adc counts]

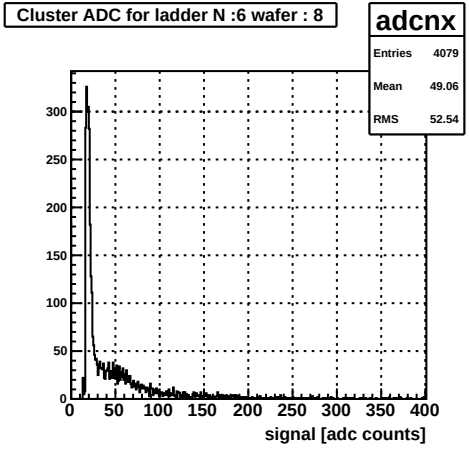

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4486
Mean 39.35
RMS 45.75
signal [adc counts]

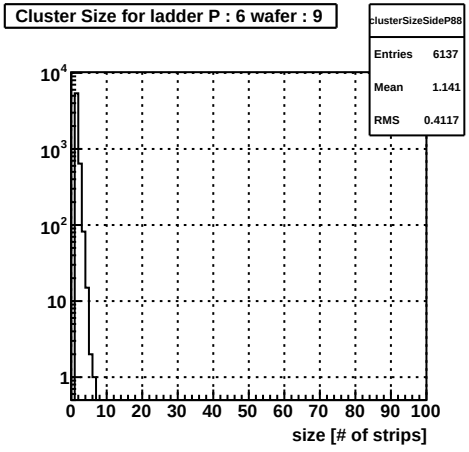

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1882
Mean 1.257
RMS 0.5854
size [# of strips]

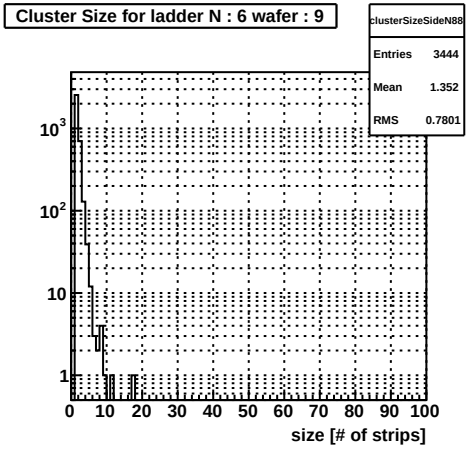

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4079
Mean 1.287
RMS 0.6399
size [# of strips]

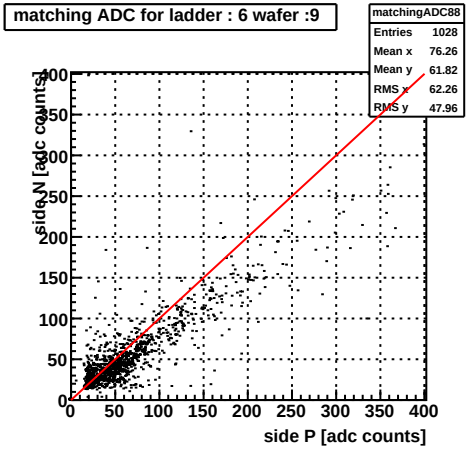

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1226
Mean x 73.5
Mean y 71.36
RMS x 57.44
RMS y 55.24
side N [adc counts]
side P [adc counts]

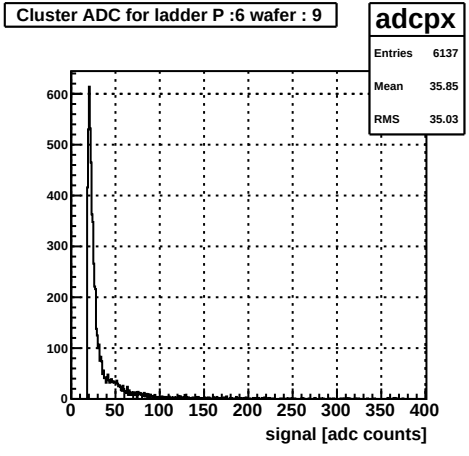

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1882
Mean 64.13
RMS 58.08
signal [adc counts]

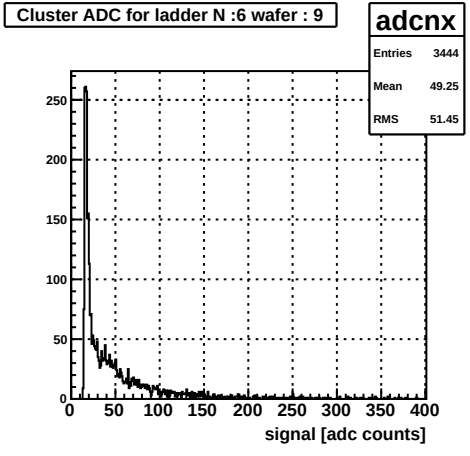

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4079
Mean 49.06
RMS 52.54
signal [adc counts]

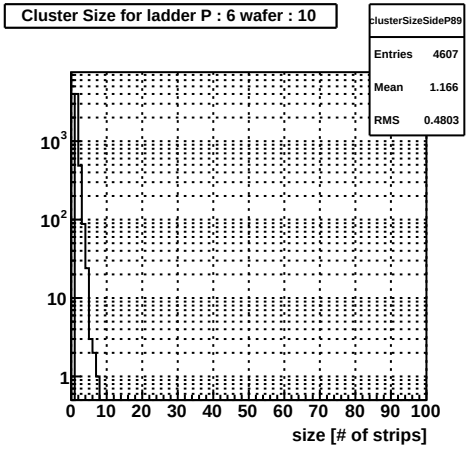

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6137
Mean 1.141
RMS 0.4117
size [# of strips]

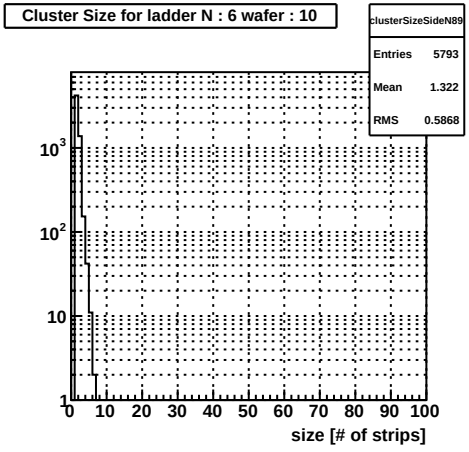

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3444
Mean 1.352
RMS 0.7801
size [# of strips]

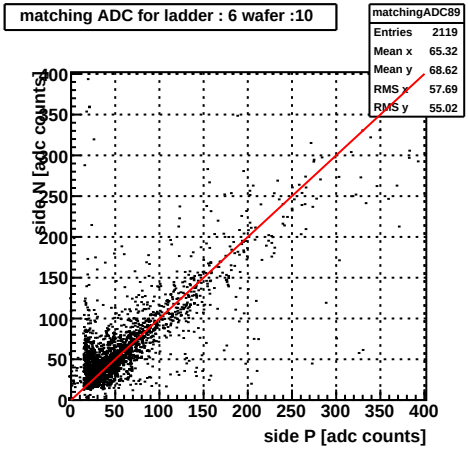

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1028
Mean x 76.26
Mean y 61.82
RMS x 62.26
RMS y 47.96
side N [adc counts]
side P [adc counts]

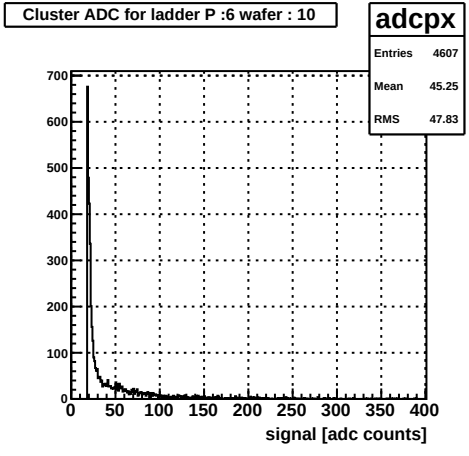

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6137
Mean 35.85
RMS 35.03
signal [adc counts]

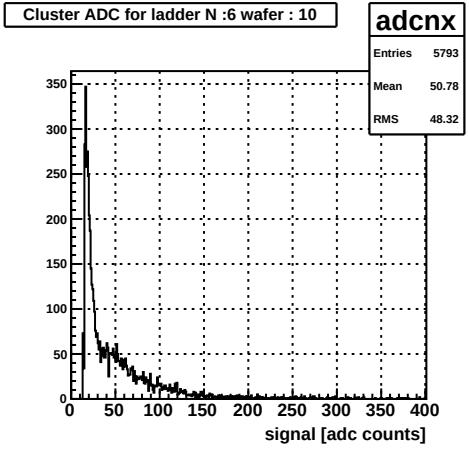

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3444
Mean 49.25
RMS 51.45
signal [adc counts]

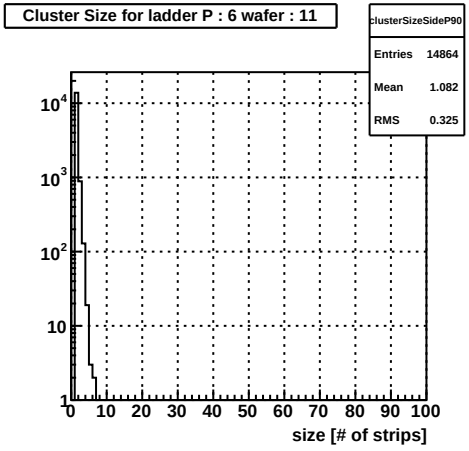

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4607
Mean 1.166
RMS 0.4803
size [# of strips]

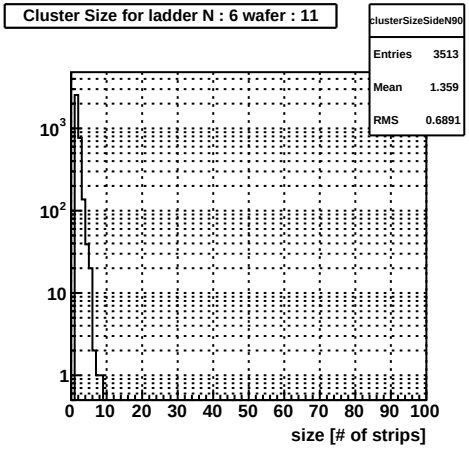

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5793
Mean 1.322
RMS 0.5868
size [# of strips]

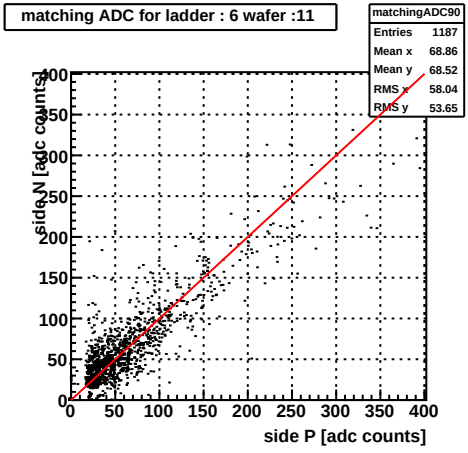

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2119
Mean x 65.32
Mean y 68.62
RMS x 57.69
RMS y 55.02
side N [adc counts]
side P [adc counts]

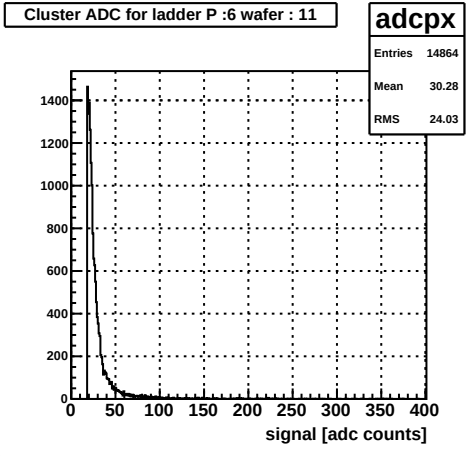

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4607
Mean 45.25
RMS 47.83
signal [adc counts]

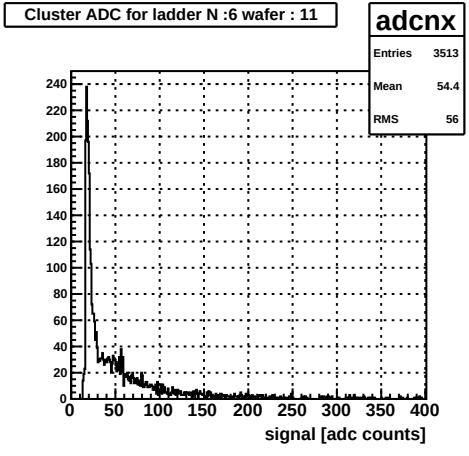

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5793
Mean 50.78
RMS 48.32
signal [adc counts]

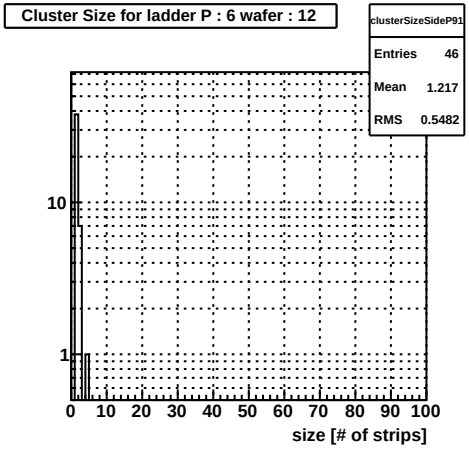

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 14864
Mean 1.082
RMS 0.325
size [# of strips]

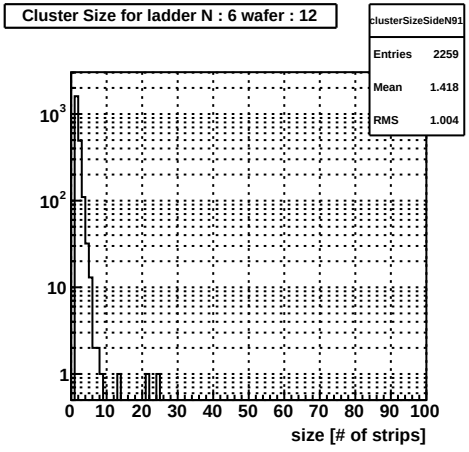

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3513
Mean 1.359
RMS 0.6891
size [# of strips]

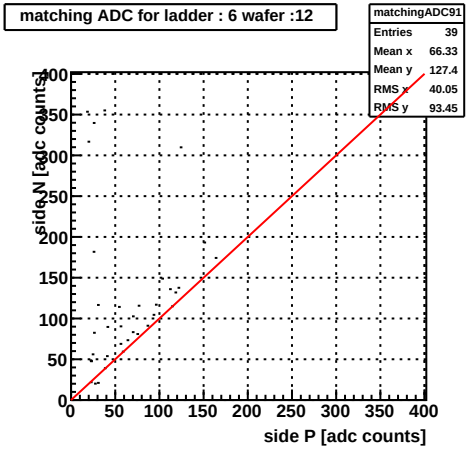

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1187
Mean x 68.86
Mean y 68.52
RMS x 58.04
RMS y 53.65
side N [adc counts]
side P [adc counts]

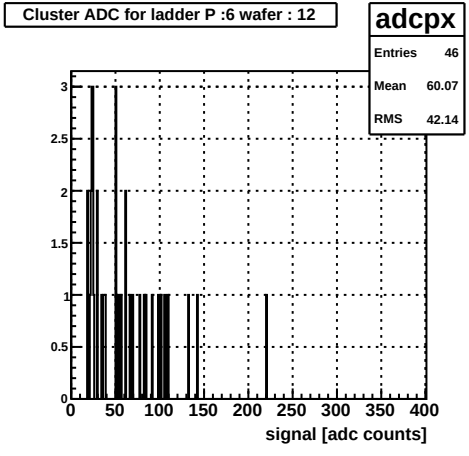

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 14864
Mean 30.28
RMS 24.03
signal [adc counts]

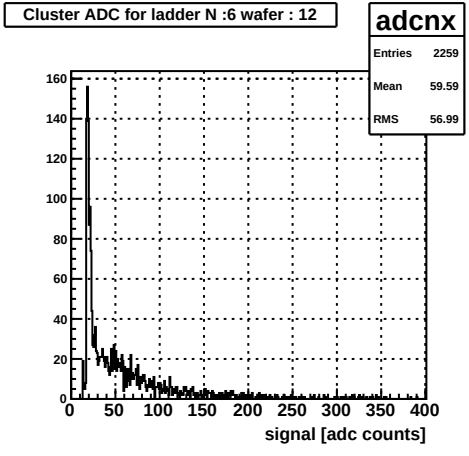

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3513
Mean 54.4
RMS 56
signal [adc counts]

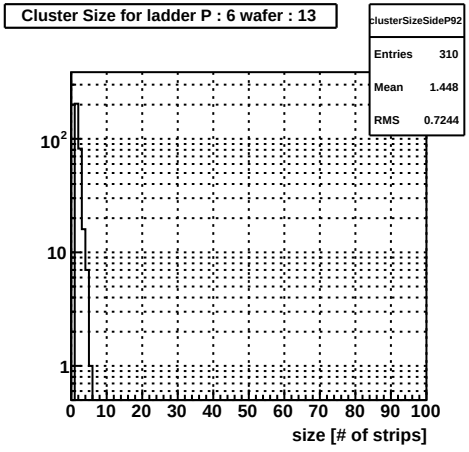

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 46
Mean 1.217
RMS 0.5482
size [# of strips]

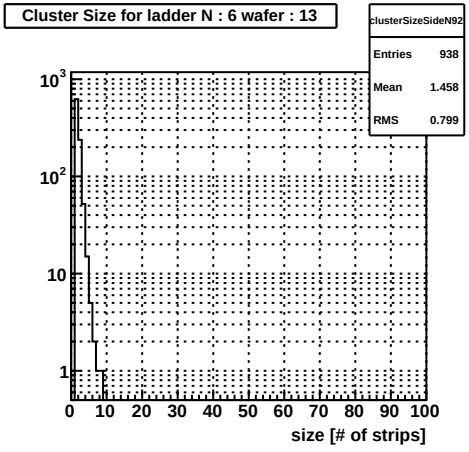

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2259
Mean 1.418
RMS 1.004
size [# of strips]

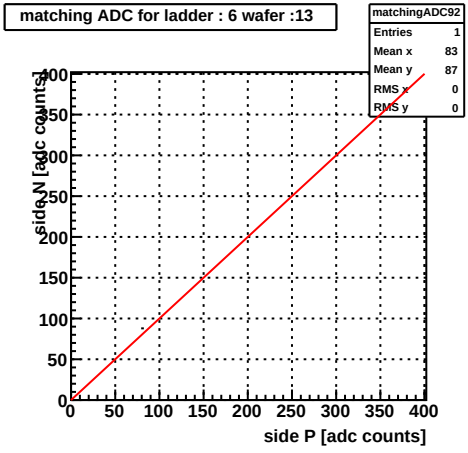

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 39
Mean x 66.33
Mean y 127.4
RMS x 40.05
RMS y 93.45
side N [adc counts]
side P [adc counts]

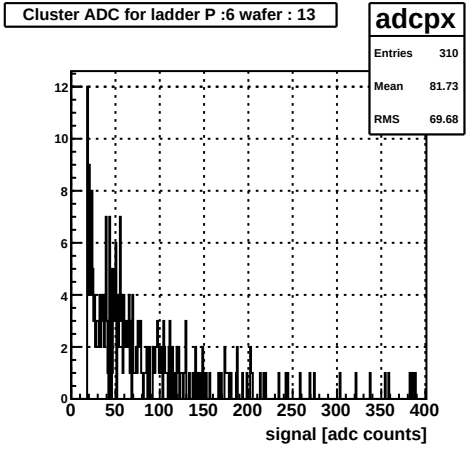

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 46
Mean 60.07
RMS 42.14
signal [adc counts]

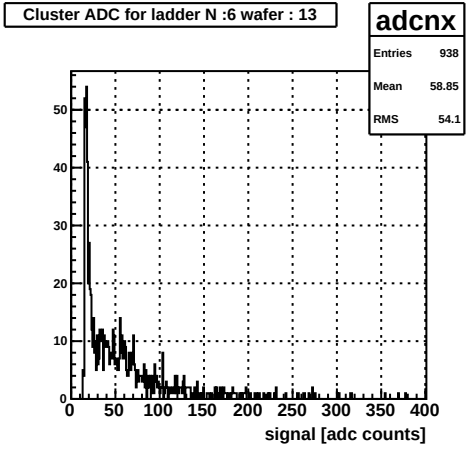

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2259
Mean 59.59
RMS 56.99
signal [adc counts]

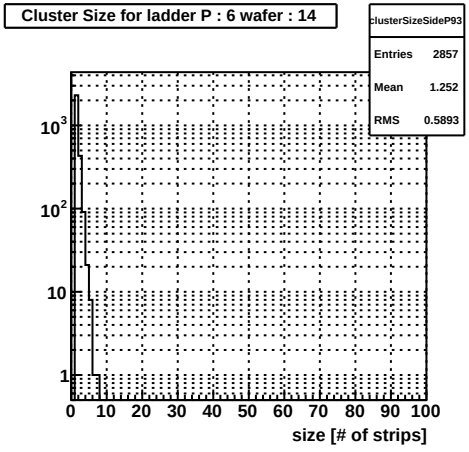

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 310
Mean 1.448
RMS 0.7244
size [# of strips]

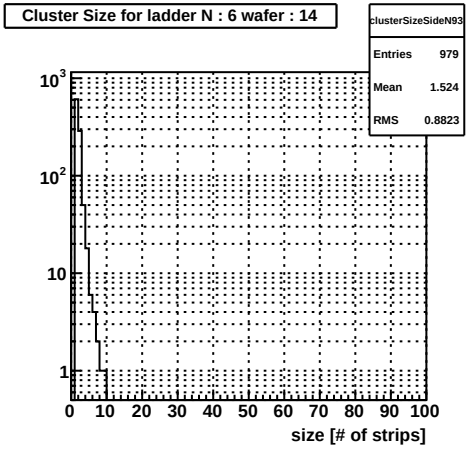

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 938
Mean 1.458
RMS 0.799
size [# of strips]

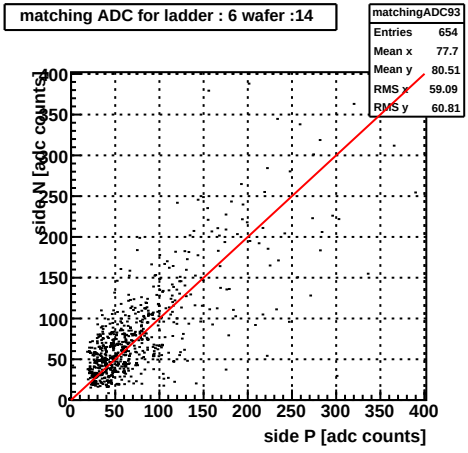

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 83
Mean y 87
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

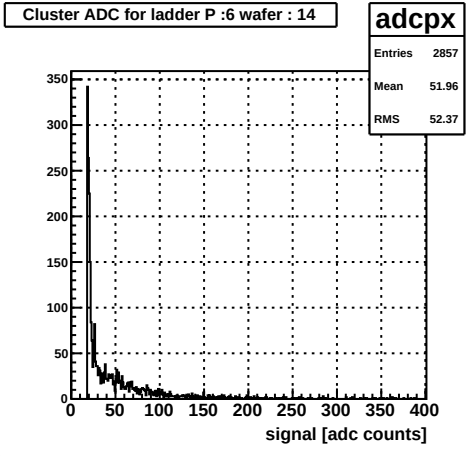

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 310
Mean 81.73
RMS 69.68
signal [adc counts]

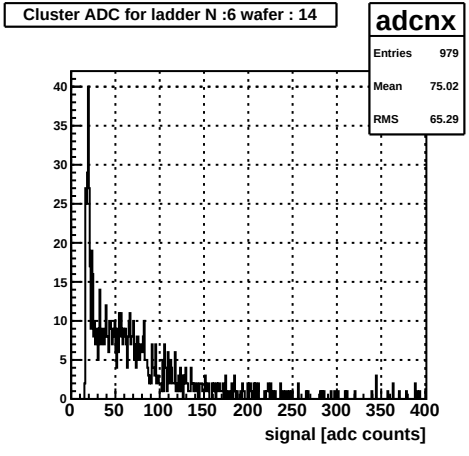

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 938
Mean 58.85
RMS 54.1
signal [adc counts]

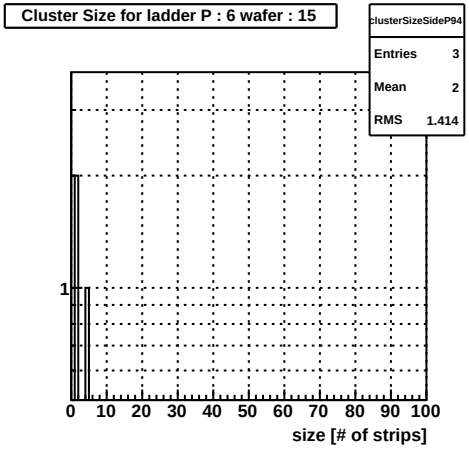

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2857
Mean 1.252
RMS 0.5893
size [# of strips]

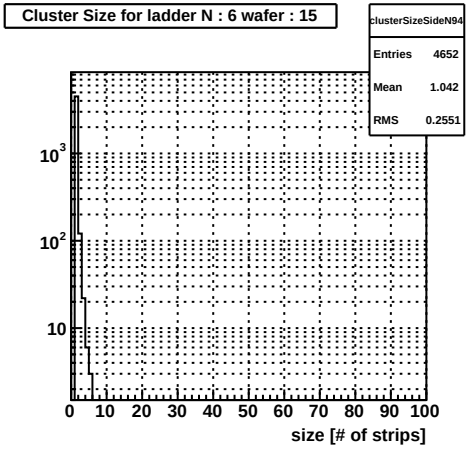

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 979
Mean 1.524
RMS 0.8823
size [# of strips]

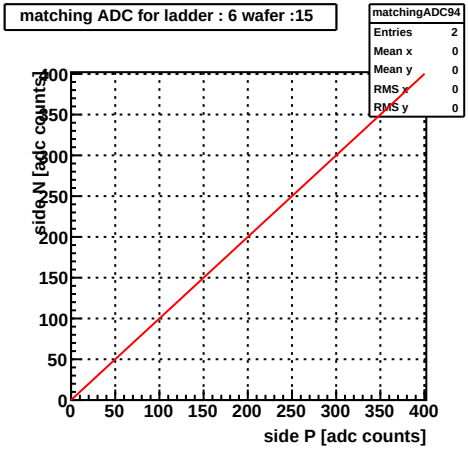

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 654
Mean x 77.7
Mean y 80.51
RMS x 59.09
RMS y 60.81
side N [adc counts]
side P [adc counts]

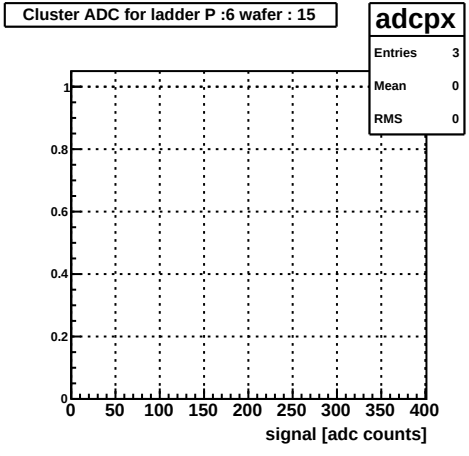

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2857
Mean 51.96
RMS 52.37
signal [adc counts]

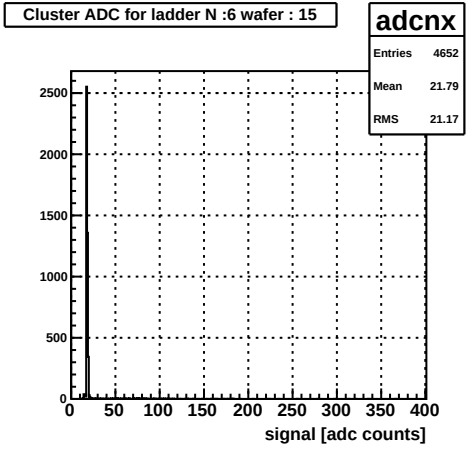

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 979
Mean 75.02
RMS 65.29
signal [adc counts]

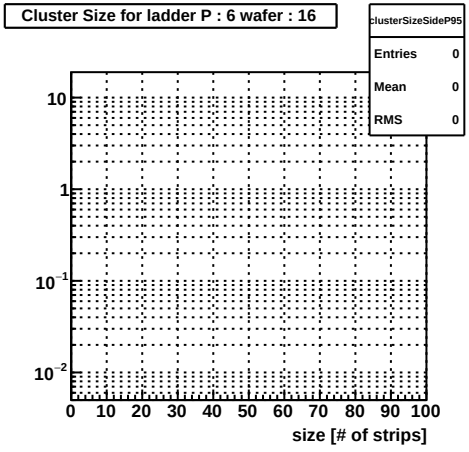

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 2
RMS 1.414
size [# of strips]

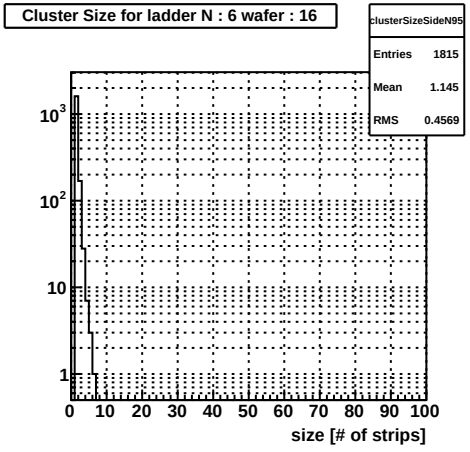

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4652
Mean 1.042
RMS 0.2551
size [# of strips]

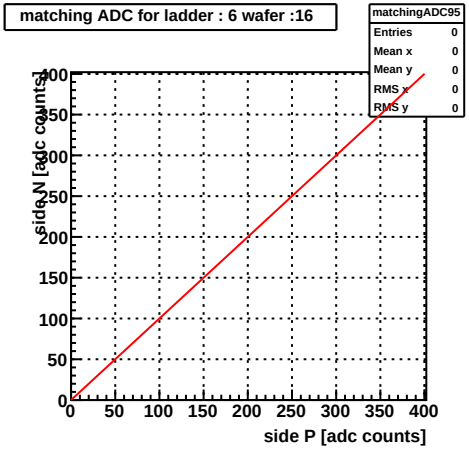

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

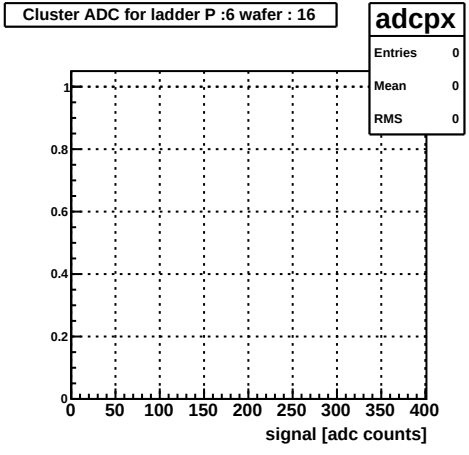

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

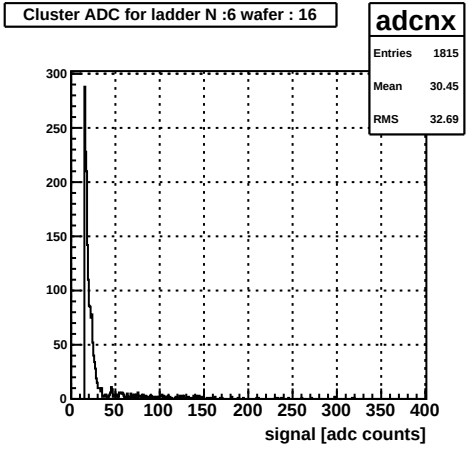

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4652
Mean 21.79
RMS 21.17
signal [adc counts]

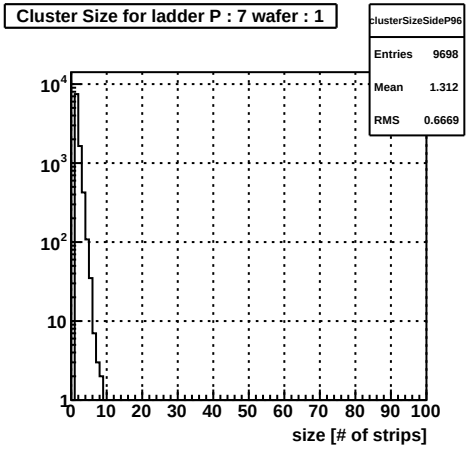

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

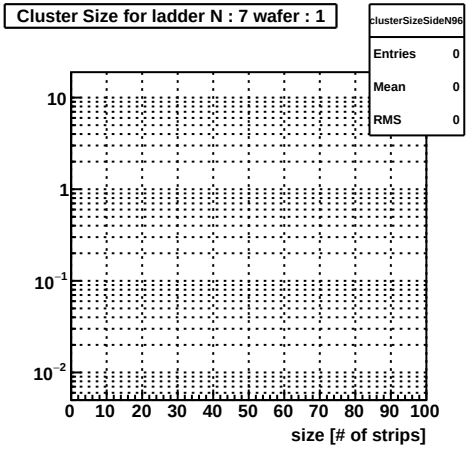

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1815
Mean 1.145
RMS 0.4569
size [# of strips]

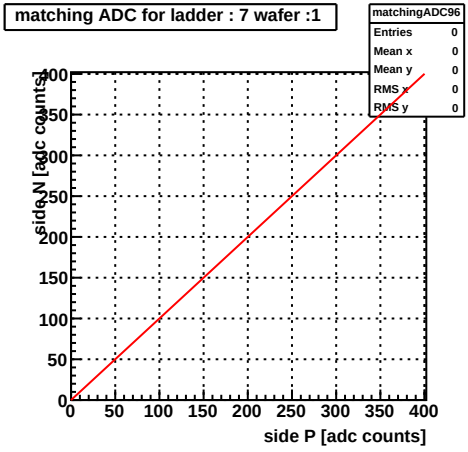

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

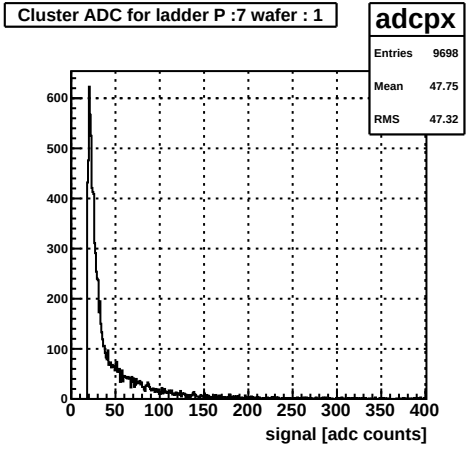

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

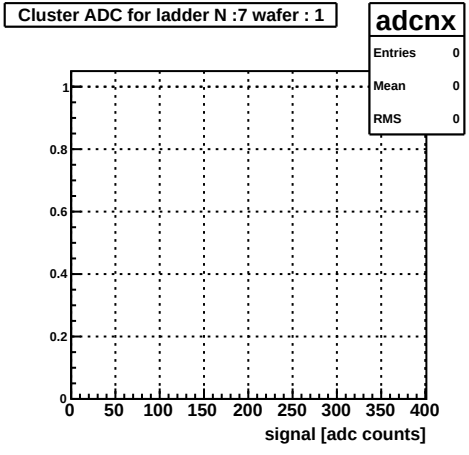

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1815
Mean 30.45
RMS 32.69
signal [adc counts]

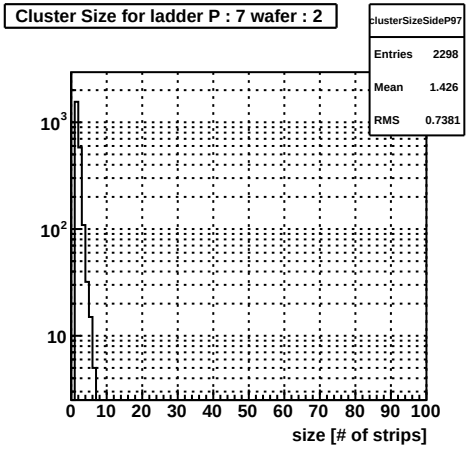

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9698
Mean 1.312
RMS 0.6669
size [# of strips]

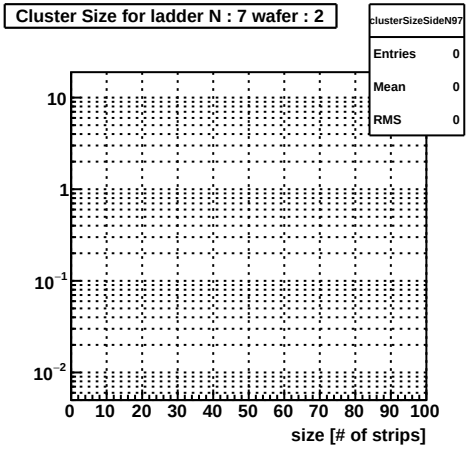

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

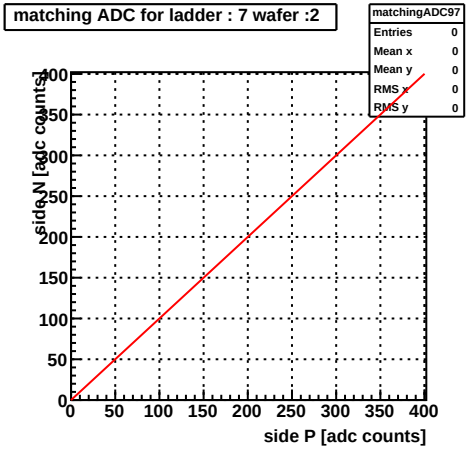

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

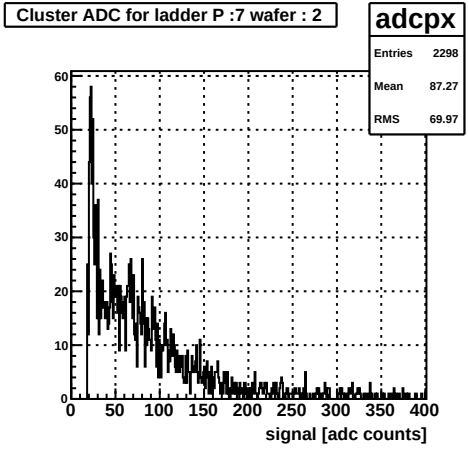

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9698
Mean 47.75
RMS 47.32
signal [adc counts]

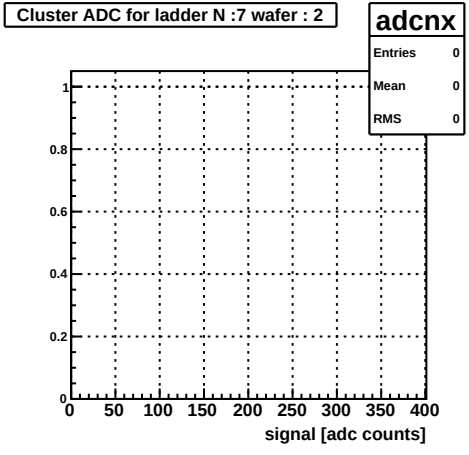

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

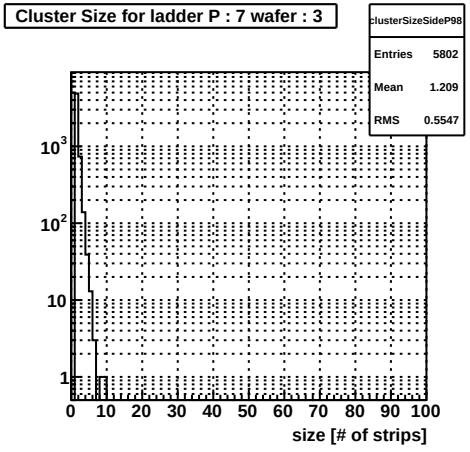

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2298
Mean 1.426
RMS 0.7381
size [# of strips]

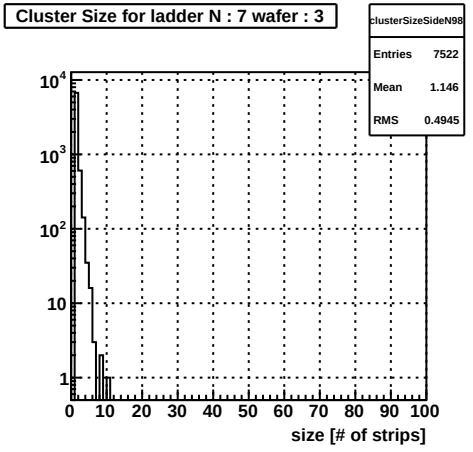

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

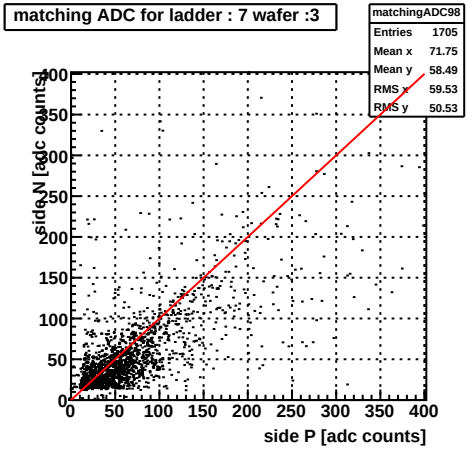

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

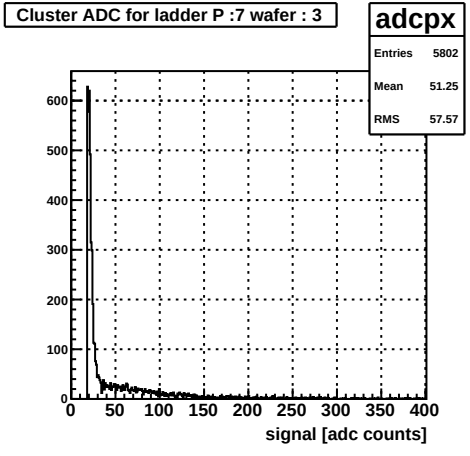

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2298
Mean 87.27
RMS 69.97
signal [adc counts]

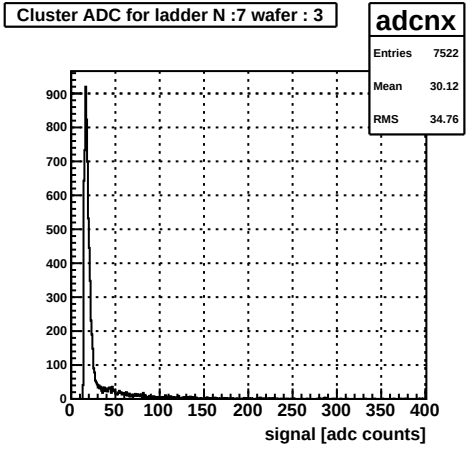

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

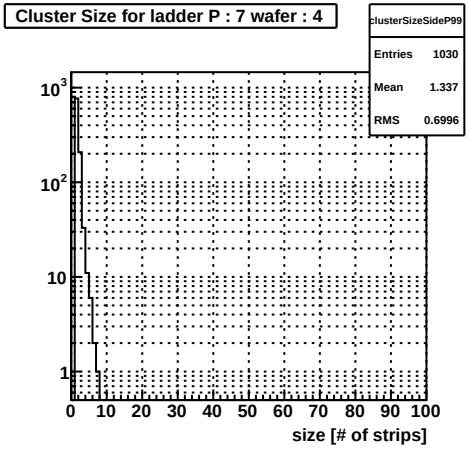

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5802
Mean 1.209
RMS 0.5547
size [# of strips]

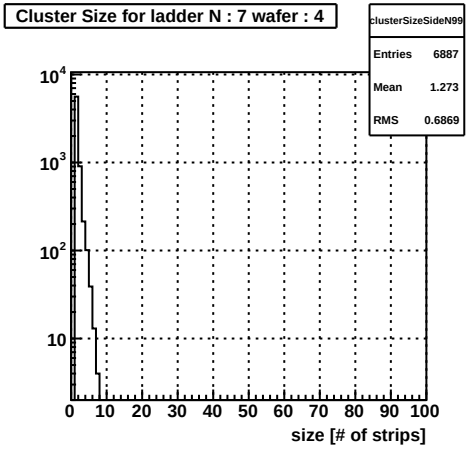

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7522
Mean 1.146
RMS 0.4945
size [# of strips]

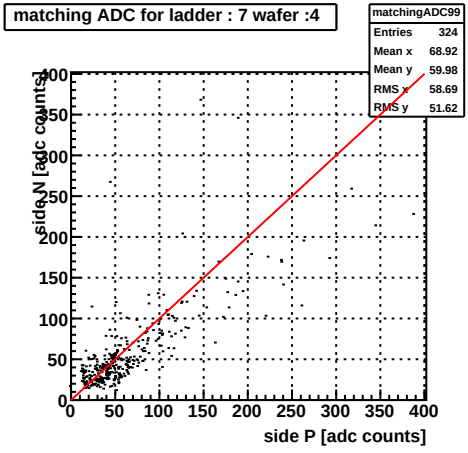

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1705
Mean x 71.75
Mean y 58.49
RMS x 59.53
RMS y 50.53
side N [adc counts]
side P [adc counts]

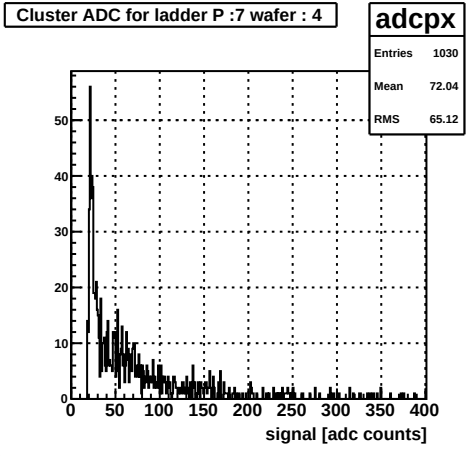

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5802
Mean 51.25
RMS 57.57
signal [adc counts]

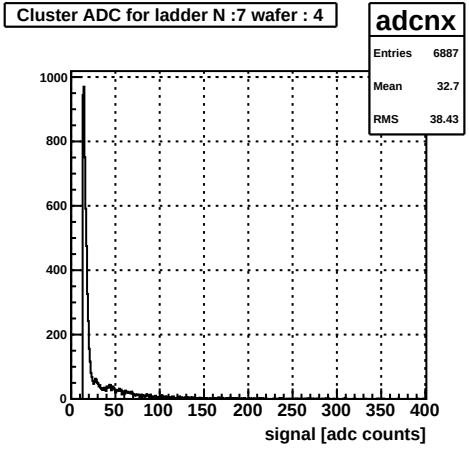

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7522
Mean 30.12
RMS 34.76
signal [adc counts]

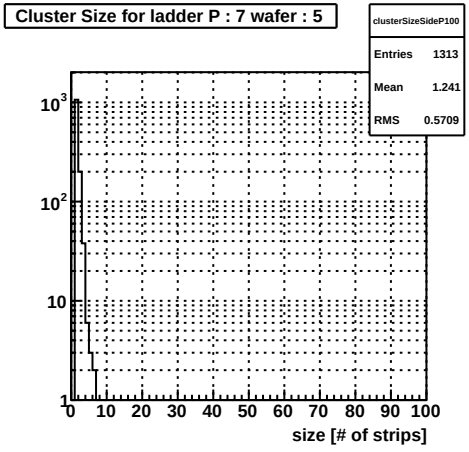

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1030
Mean 1.337
RMS 0.6996
size [# of strips]

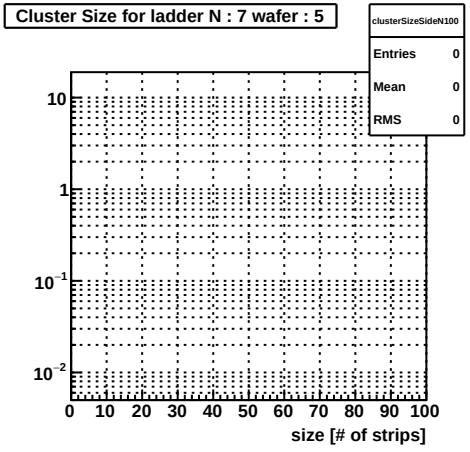

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6887
Mean 1.273
RMS 0.6869
size [# of strips]

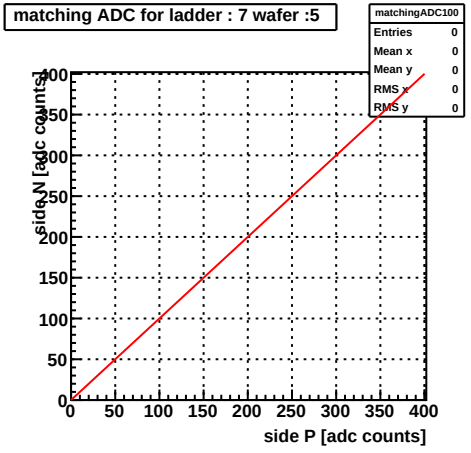

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 324
Mean x 68.92
Mean y 59.98
RMS x 58.69
RMS y 51.62
side N [adc counts]
side P [adc counts]

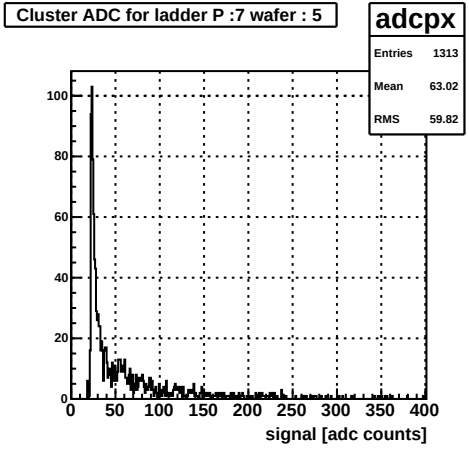

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1030
Mean 72.04
RMS 65.12
signal [adc counts]

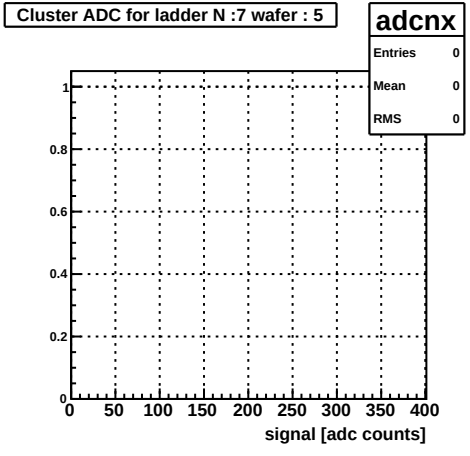

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6887
Mean 32.7
RMS 38.43
signal [adc counts]

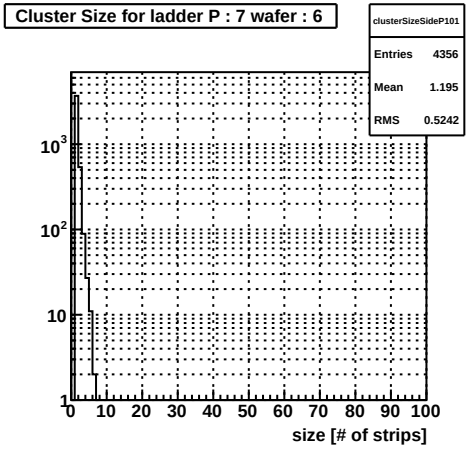

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1313
Mean 1.241
RMS 0.5709
size [# of strips]

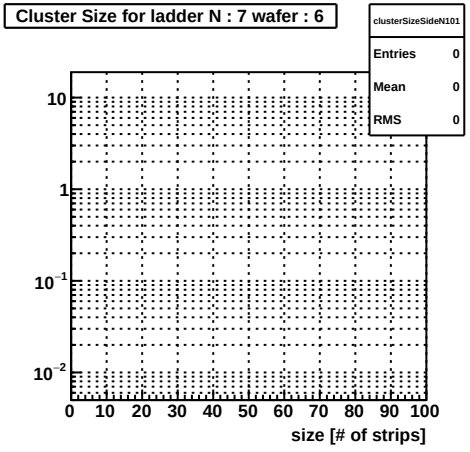

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

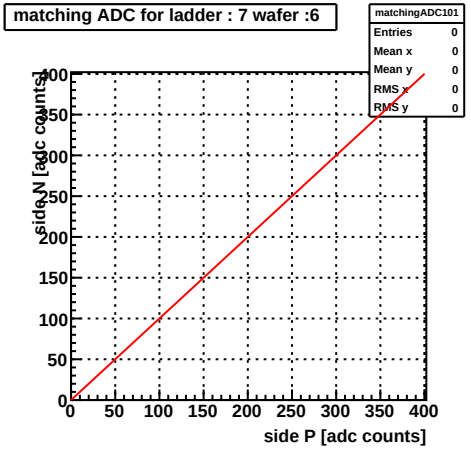

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

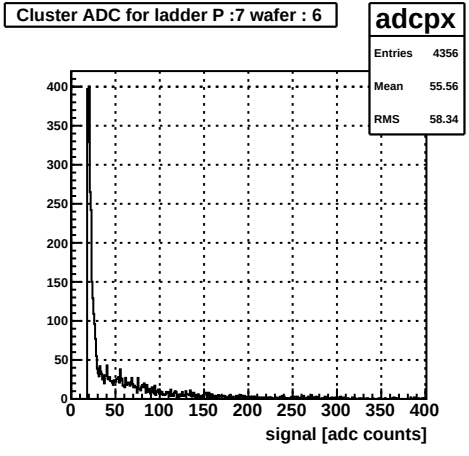

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1313
Mean 63.02
RMS 59.82
signal [adc counts]

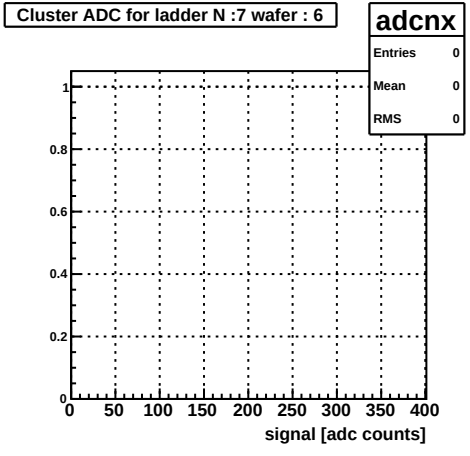

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

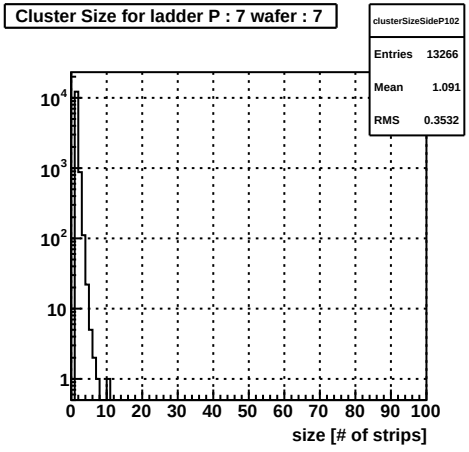

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4356
Mean 1.195
RMS 0.5242
size [# of strips]

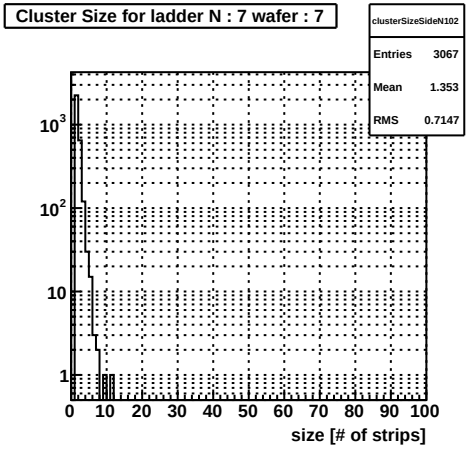

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

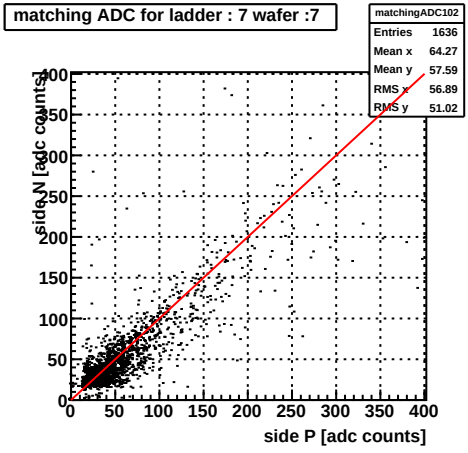

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

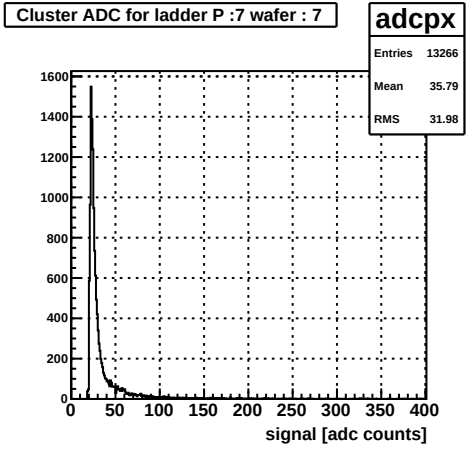

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4356
Mean 55.56
RMS 58.34
signal [adc counts]

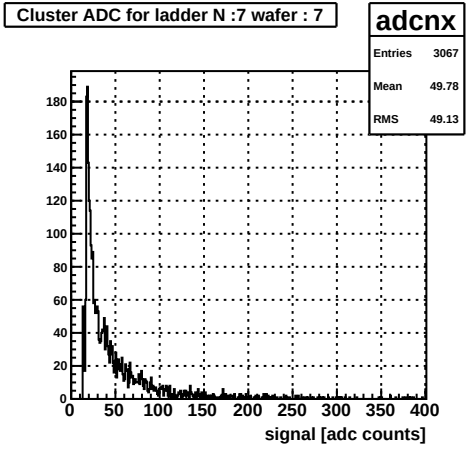

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

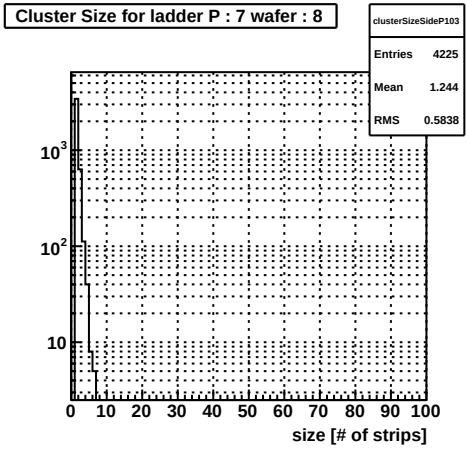

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13266
Mean 1.091
RMS 0.3532
size [# of strips]

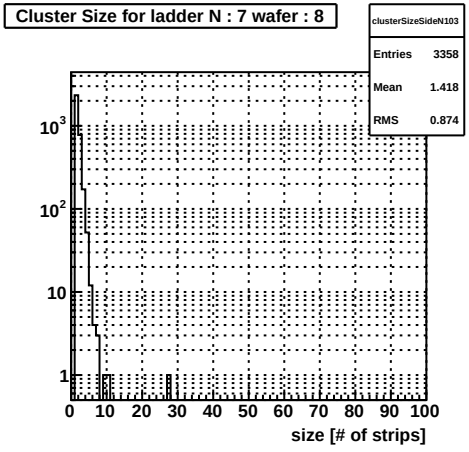

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3067
Mean 1.353
RMS 0.7147
size [# of strips]

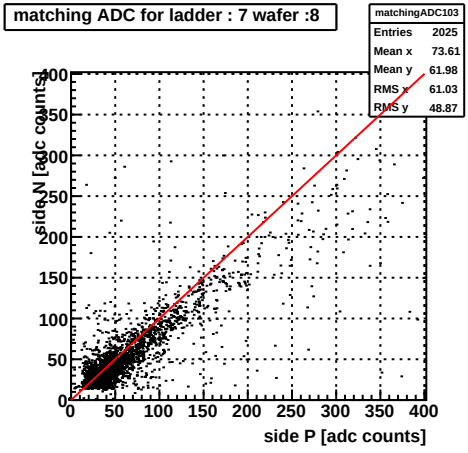

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1636
Mean x 64.27
Mean y 57.59
RMS x 56.89
RMS y 51.02
side N [adc counts]
side P [adc counts]

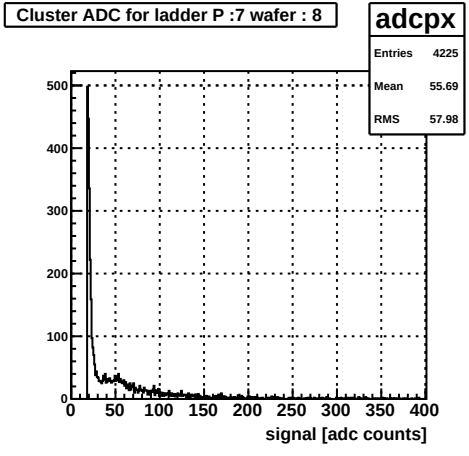

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13266
Mean 35.79
RMS 31.98
signal [adc counts]

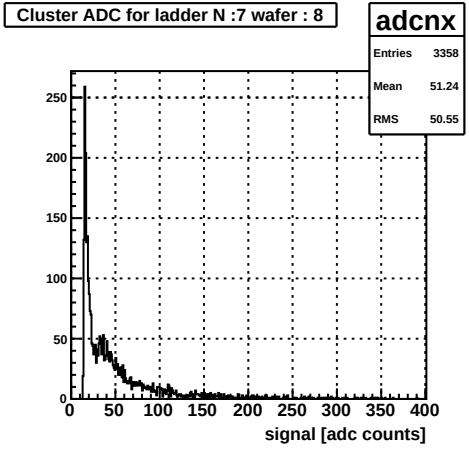

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3067
Mean 49.78
RMS 49.13
signal [adc counts]

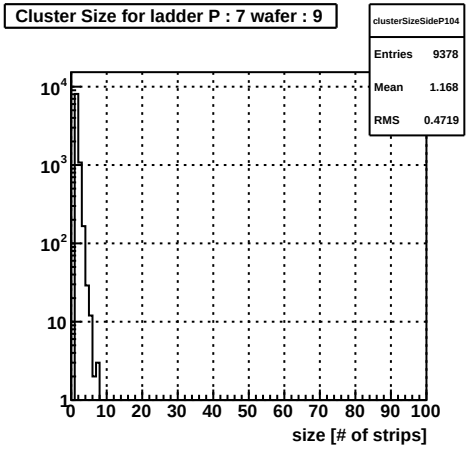

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4225
Mean 1.244
RMS 0.5838
size [# of strips]

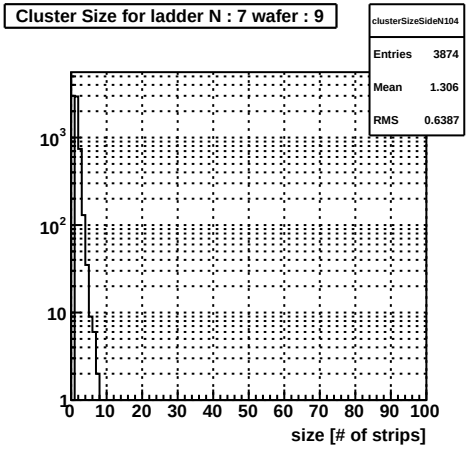

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3358
Mean 1.418
RMS 0.874
size [# of strips]

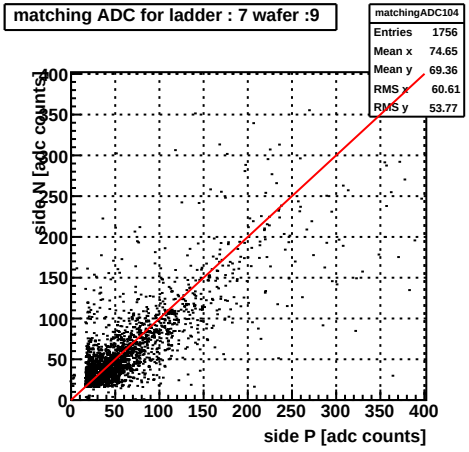

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2025
Mean x 73.61
Mean y 61.98
RMS x 61.03
RMS y 48.87
side N [adc counts]
side P [adc counts]

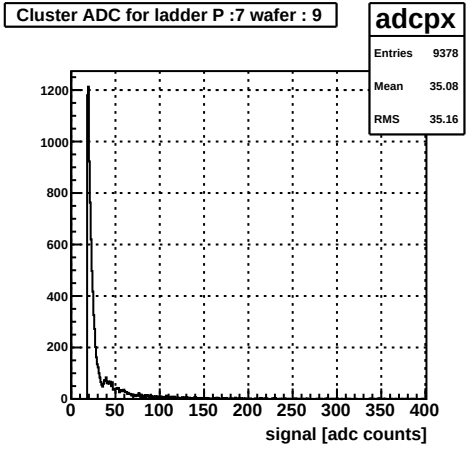

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4225
Mean 55.69
RMS 57.98
signal [adc counts]

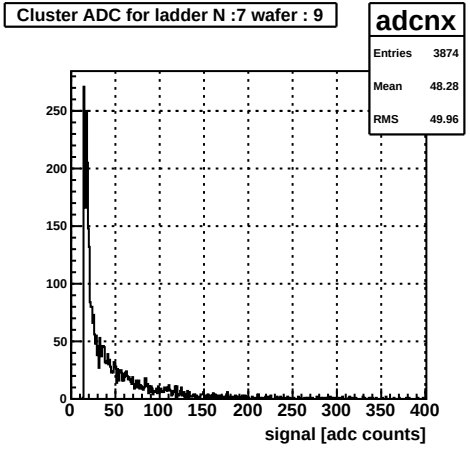

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3358
Mean 51.24
RMS 50.55
signal [adc counts]

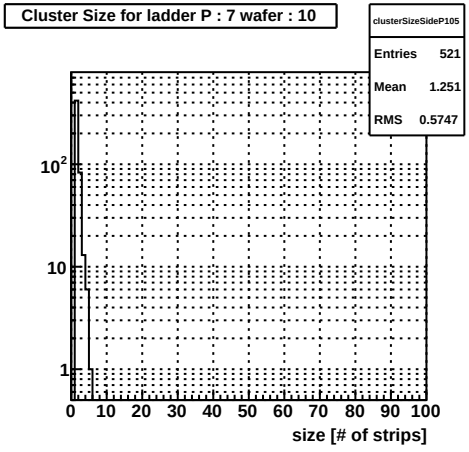

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 9378
Mean 1.168
RMS 0.4719
size [# of strips]

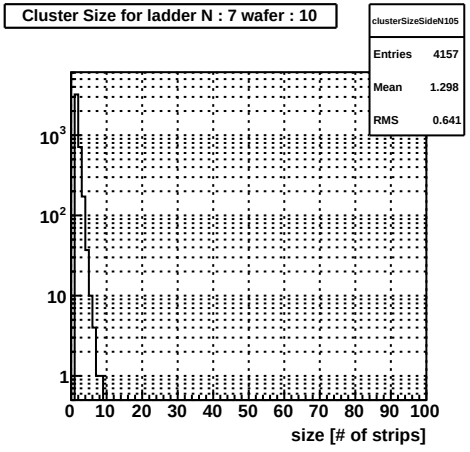

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3874
Mean 1.306
RMS 0.6387
size [# of strips]

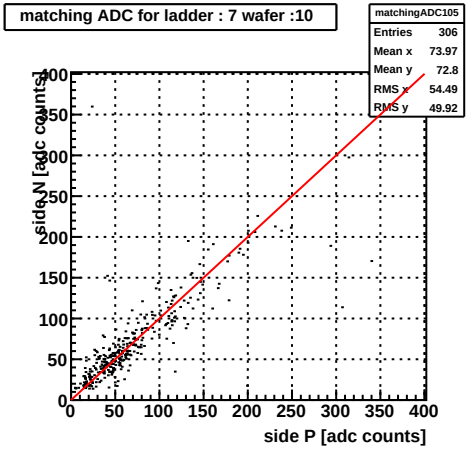

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1756
Mean x 74.65
Mean y 69.36
RMS x 60.61
RMS y 53.77
side N [adc counts]
side P [adc counts]

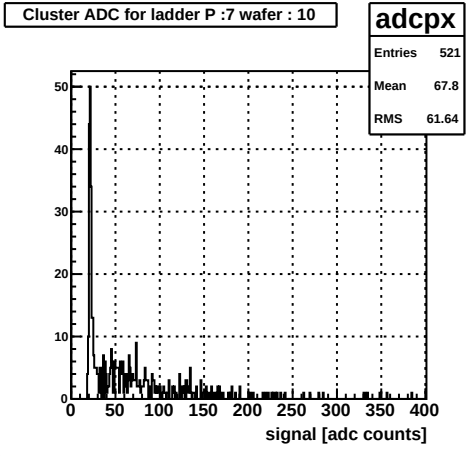

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 9378
Mean 35.08
RMS 35.16
signal [adc counts]

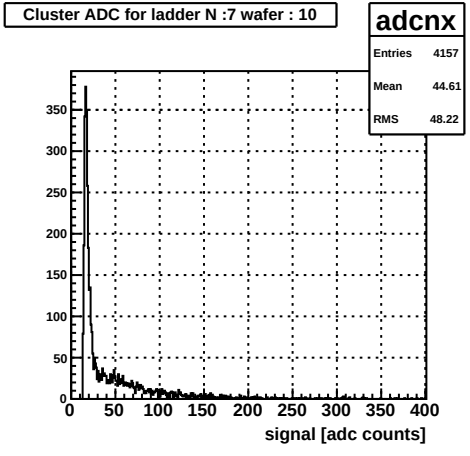

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3874
Mean 48.28
RMS 49.96
signal [adc counts]

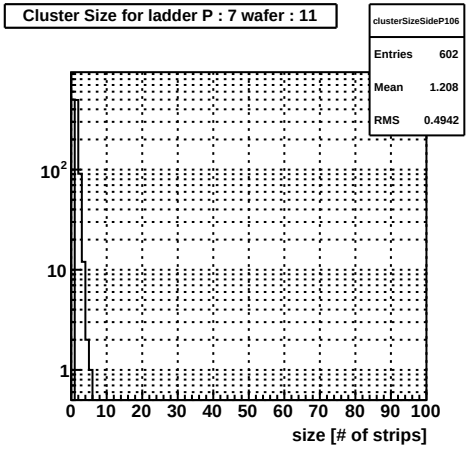

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 521
Mean 1.251
RMS 0.5747
size [# of strips]

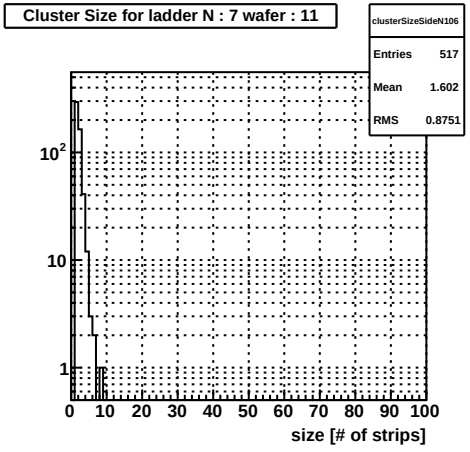

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 4157
Mean 1.298
RMS 0.641
size [# of strips]

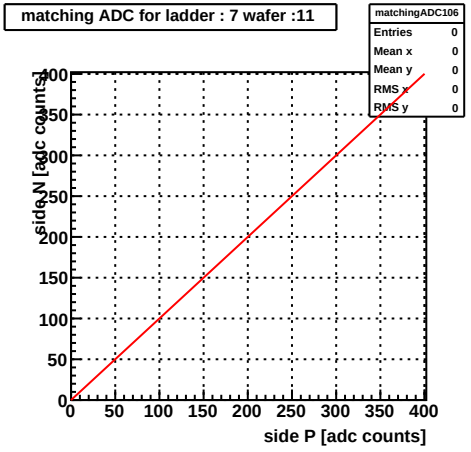

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 306
Mean x 73.97
Mean y 72.8
RMS x 54.49
RMS y 49.92
side N [adc counts]
side P [adc counts]

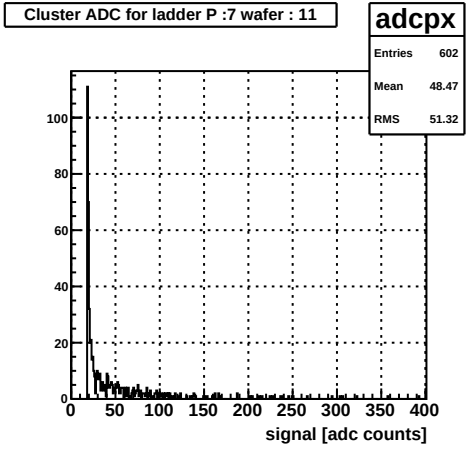

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 521
Mean 67.8
RMS 61.64
signal [adc counts]

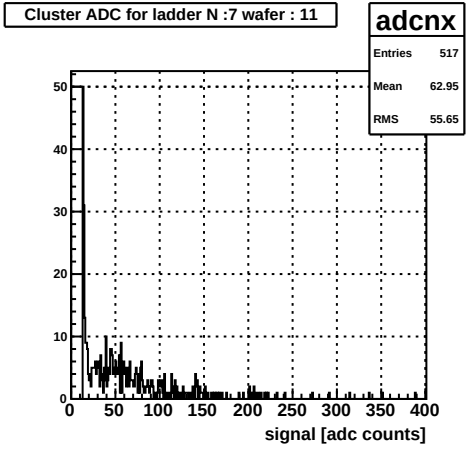

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 4157
Mean 44.61
RMS 48.22
signal [adc counts]

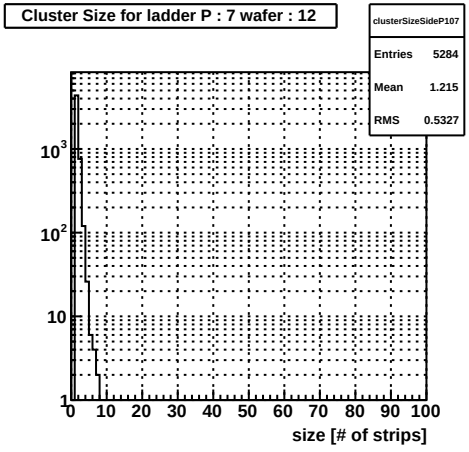

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 602
Mean 1.208
RMS 0.4942
size [# of strips]

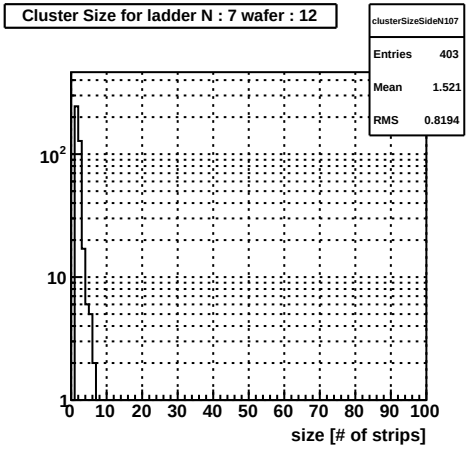

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 517
Mean 1.602
RMS 0.8751
size [# of strips]

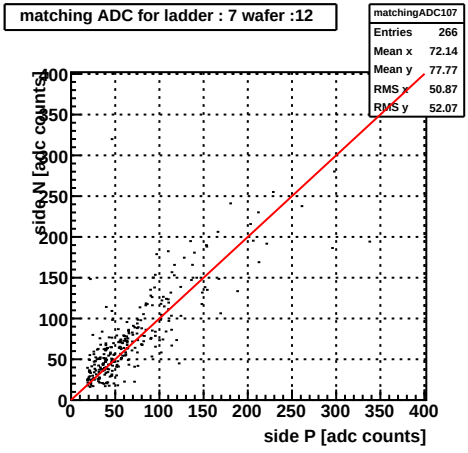

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

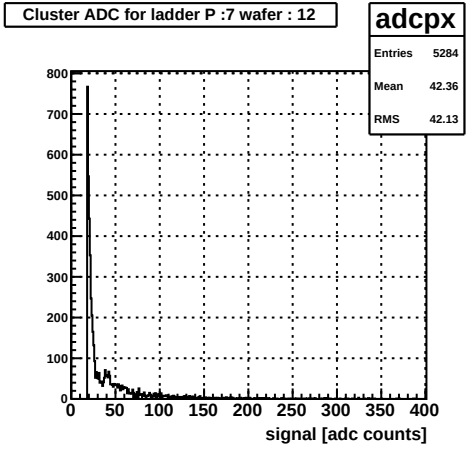

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 602
Mean 48.47
RMS 51.32
signal [adc counts]

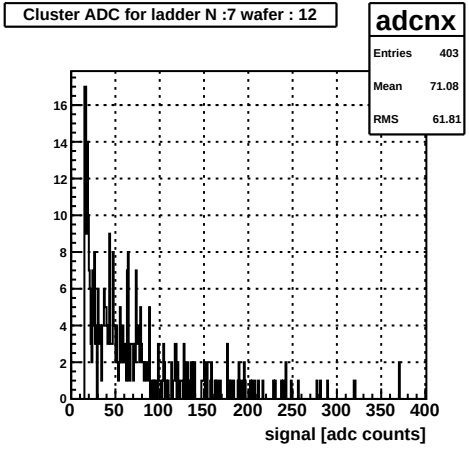

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 517
Mean 62.95
RMS 55.65
signal [adc counts]

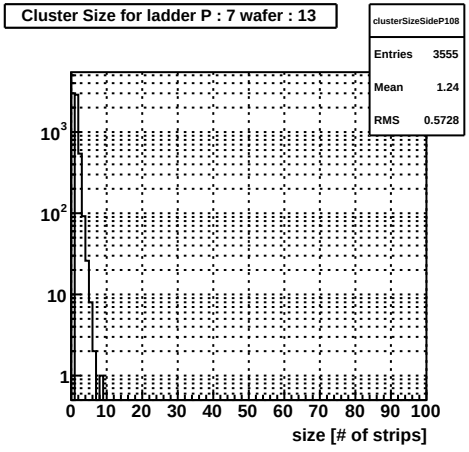

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5284
Mean 1.215
RMS 0.5327
size [# of strips]

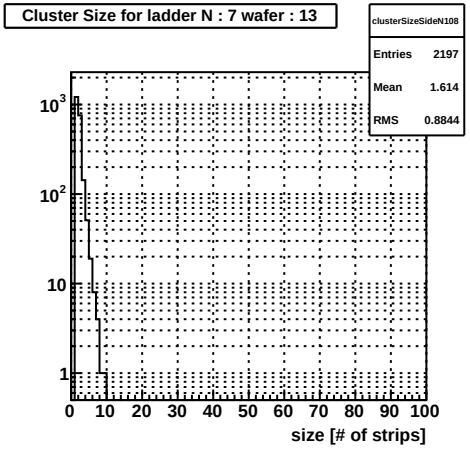

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 403
Mean 1.521
RMS 0.8194
size [# of strips]

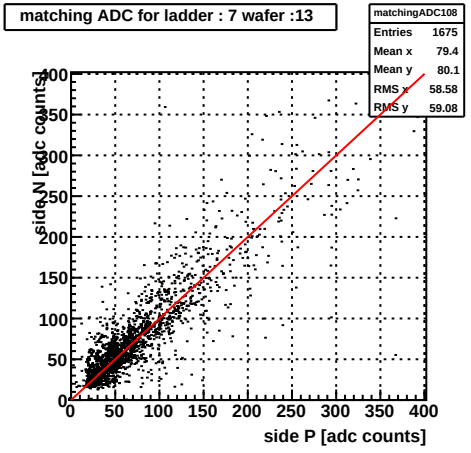

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 266
Mean x 72.14
Mean y 77.77
RMS x 50.87
RMS y 52.07
side N [adc counts]
side P [adc counts]

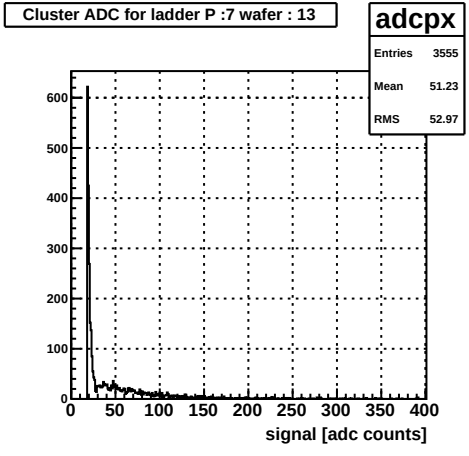

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5284
Mean 42.36
RMS 42.13
signal [adc counts]

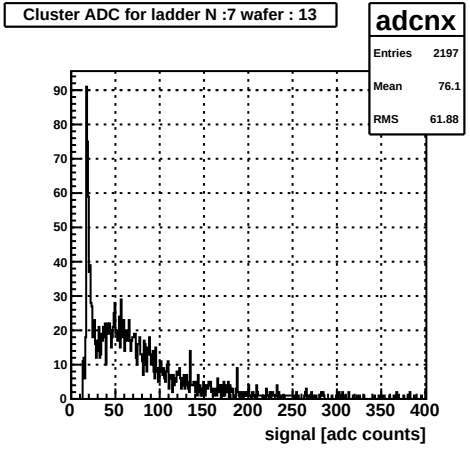

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 403
Mean 71.08
RMS 61.81
signal [adc counts]

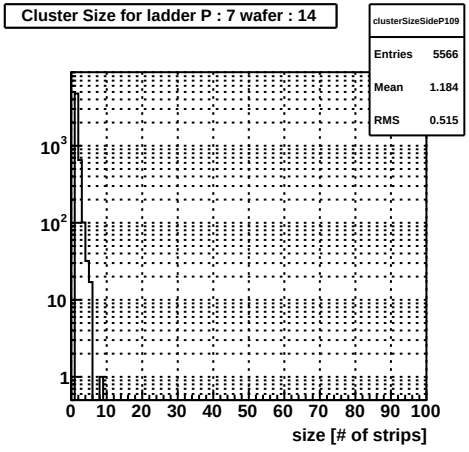

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3555
Mean 1.24
RMS 0.5728
size [# of strips]

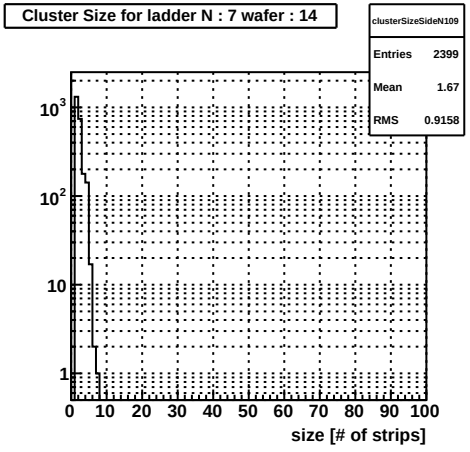

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2197
Mean 1.614
RMS 0.8844
size [# of strips]

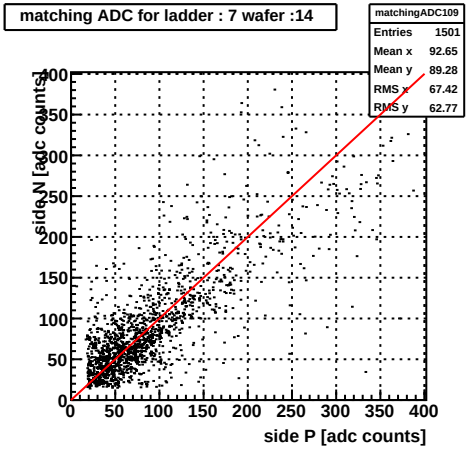

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1675
Mean x 79.4
Mean y 80.1
RMS x 58.58
RMS y 59.08
side N [adc counts]
side P [adc counts]

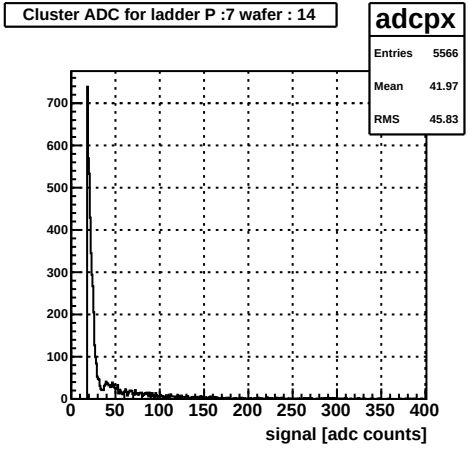

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3555
Mean 51.23
RMS 52.97
signal [adc counts]

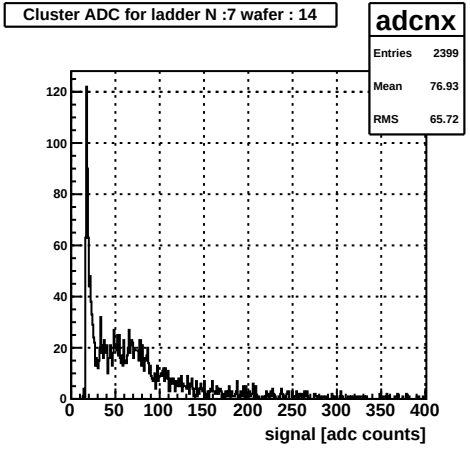

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2197
Mean 76.1
RMS 61.88
signal [adc counts]

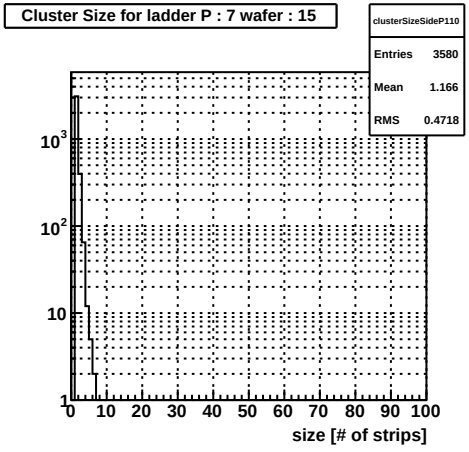

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5566
Mean 1.184
RMS 0.515
size [# of strips]

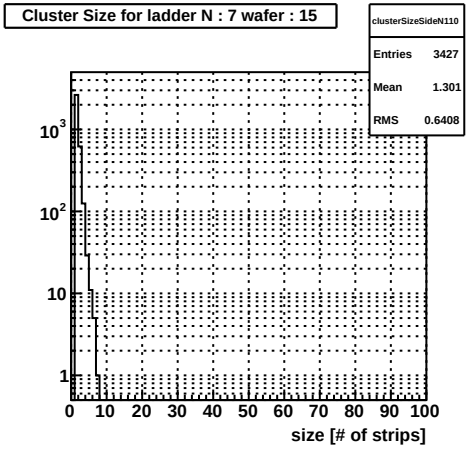

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2399
Mean 1.67
RMS 0.9158
size [# of strips]

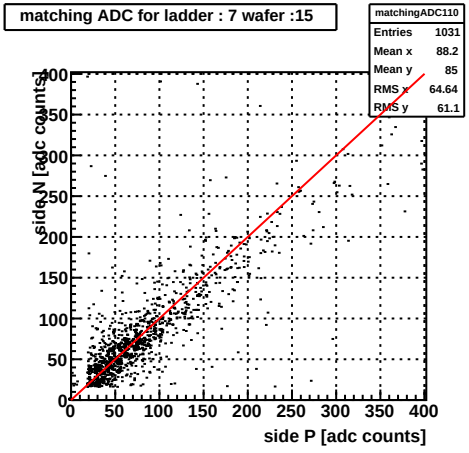

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1501
Mean x 92.65
Mean y 89.28
RMS x 67.42
RMS y 62.77
side N [adc counts]
side P [adc counts]

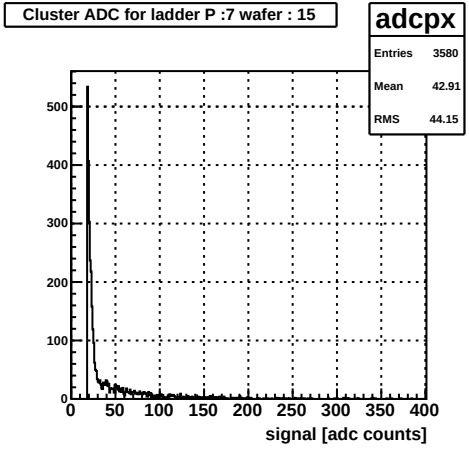

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5566
Mean 41.97
RMS 45.83
signal [adc counts]

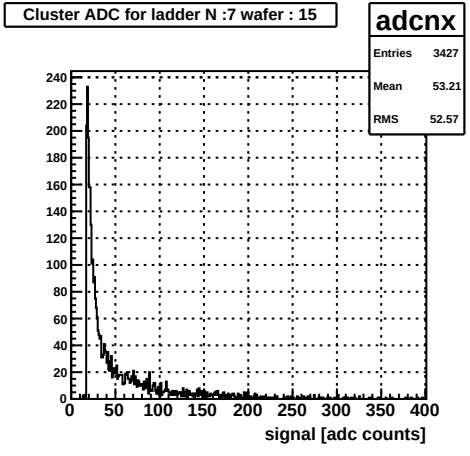

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2399
Mean 76.93
RMS 65.72
signal [adc counts]

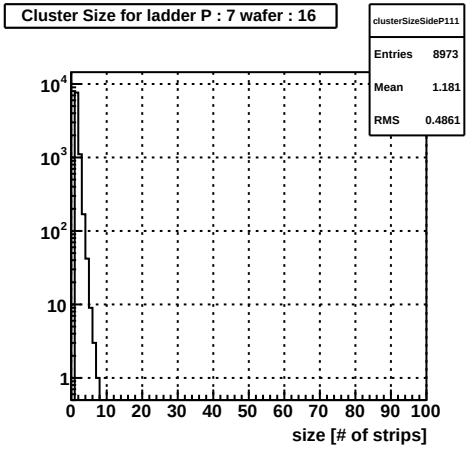

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3580
Mean 1.166
RMS 0.4718
size [# of strips]

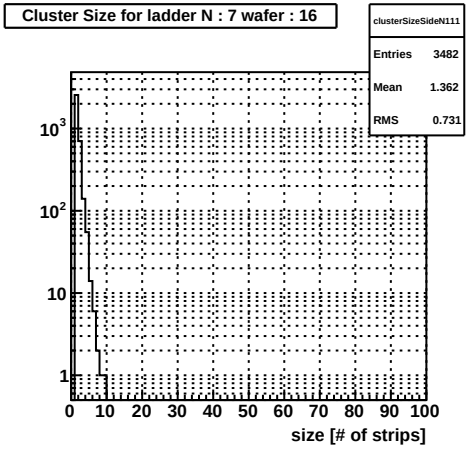

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3427
Mean 1.301
RMS 0.6408
size [# of strips]

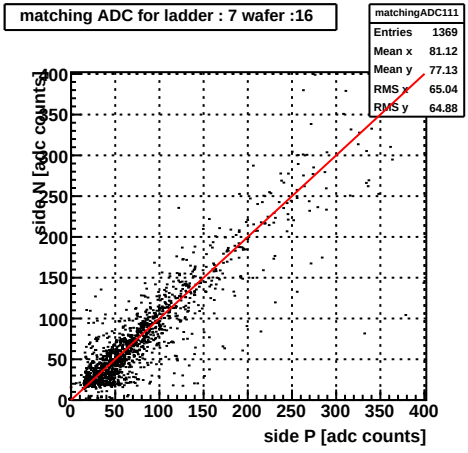

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 1031
Mean x 88.2
Mean y 85
RMS x 64.64
RMS y 61.1
side N [adc counts]
side P [adc counts]

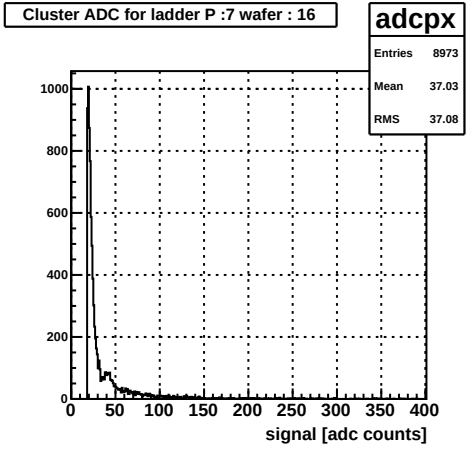

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3580
Mean 42.91
RMS 44.15
signal [adc counts]

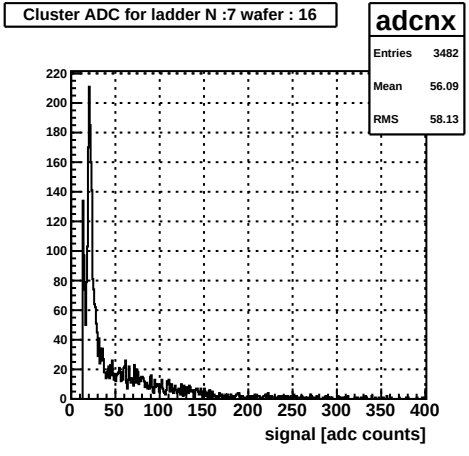

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3427
Mean 53.21
RMS 52.57
signal [adc counts]

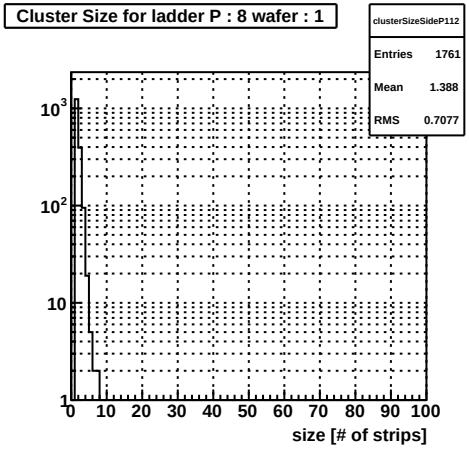

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8973
Mean 1.181
RMS 0.4861
size [# of strips]

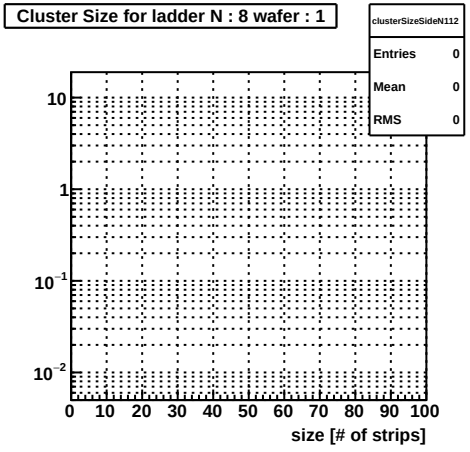

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3482
Mean 1.362
RMS 0.731
size [# of strips]

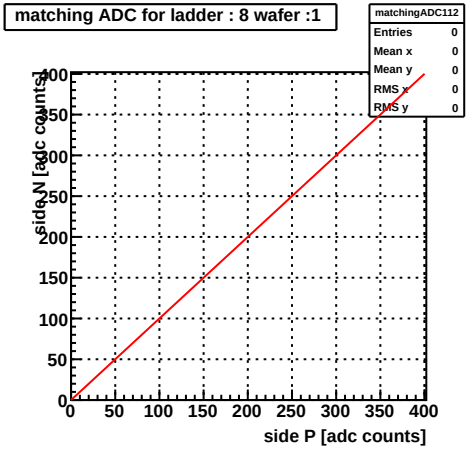

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1369
Mean x 81.12
Mean y 77.13
RMS x 65.04
RMS y 64.88
side N [adc counts]
side P [adc counts]

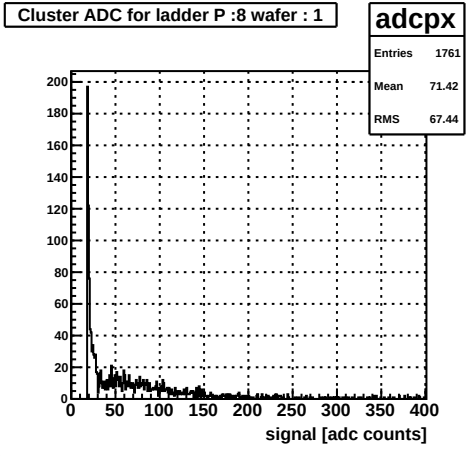

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8973
Mean 37.03
RMS 37.08
signal [adc counts]

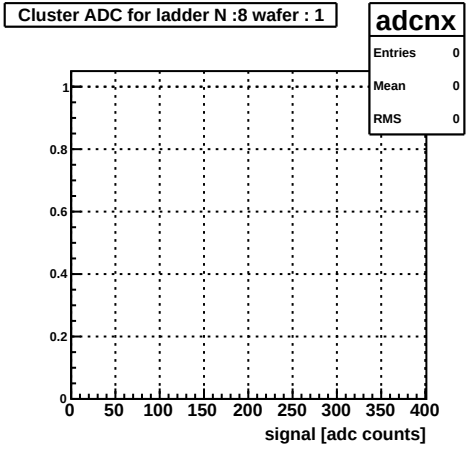

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3482
Mean 56.09
RMS 58.13
signal [adc counts]

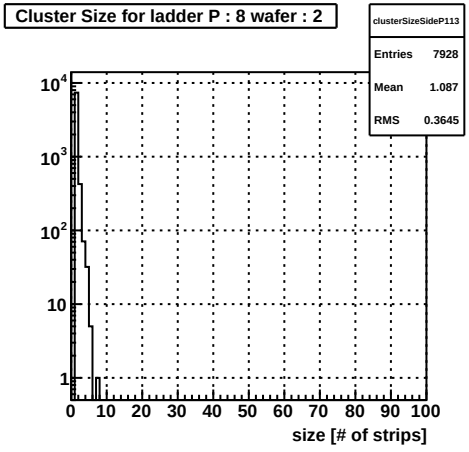

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1761
Mean 1.388
RMS 0.7077
size [# of strips]

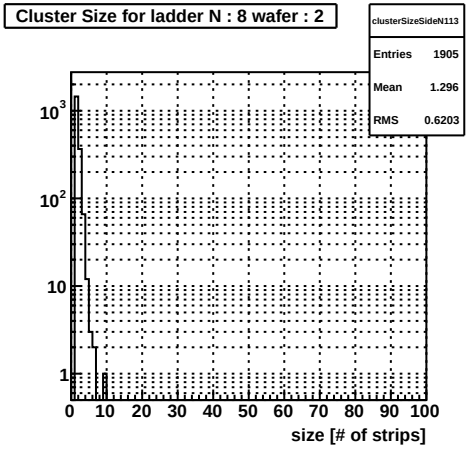

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

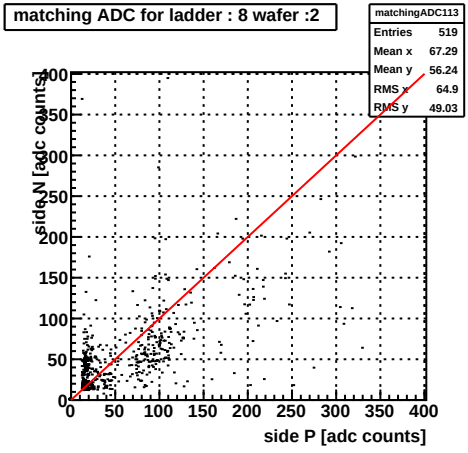

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

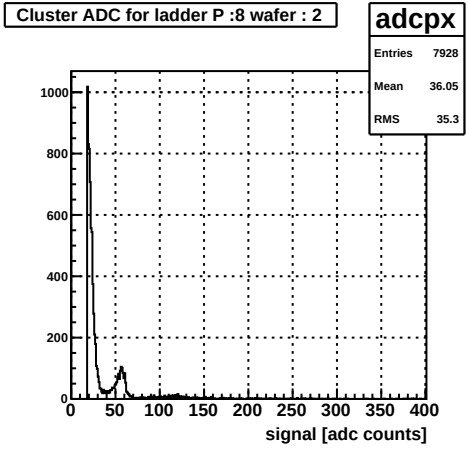

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1761
Mean 71.42
RMS 67.44
signal [adc counts]

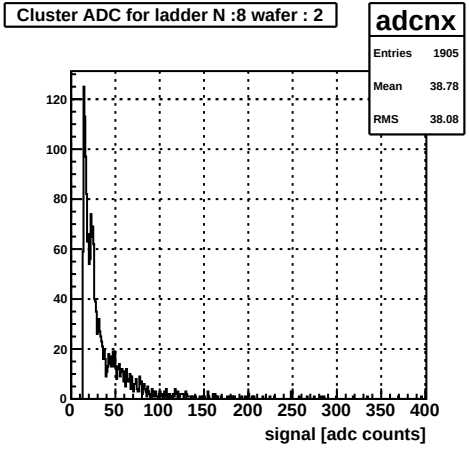

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

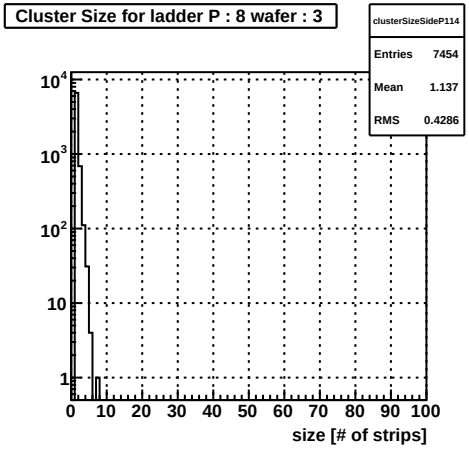

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7928
Mean 1.087
RMS 0.3645
size [# of strips]

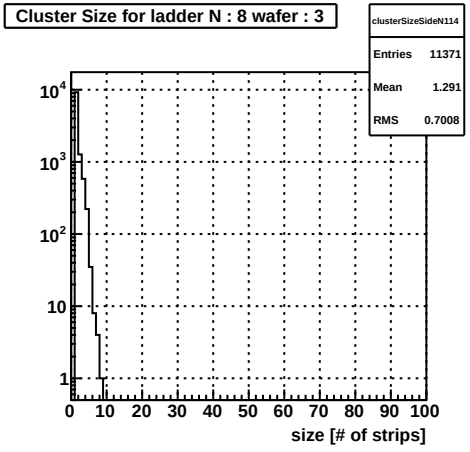

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1905
Mean 1.296
RMS 0.6203
size [# of strips]

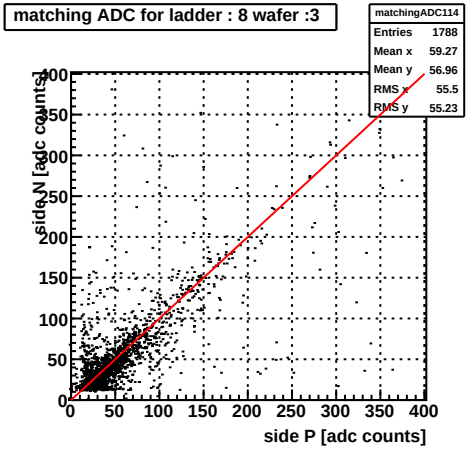

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 519
Mean x 67.29
Mean y 56.24
RMS x 64.9
RMS y 49.03
side N [adc counts]
side P [adc counts]

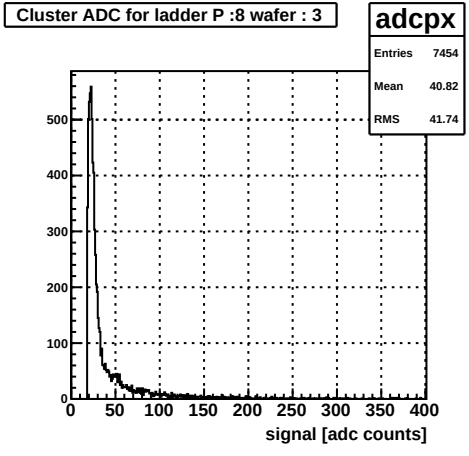

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7928
Mean 36.05
RMS 35.3
signal [adc counts]

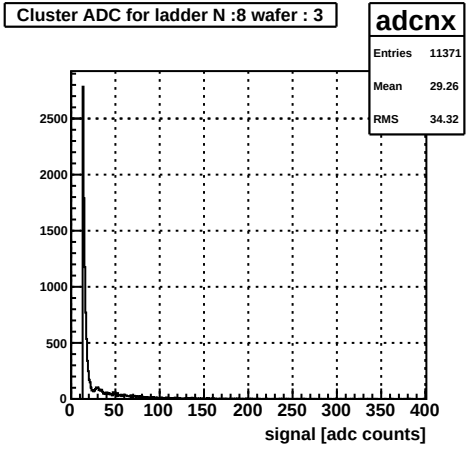

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1905
Mean 38.78
RMS 38.08
signal [adc counts]

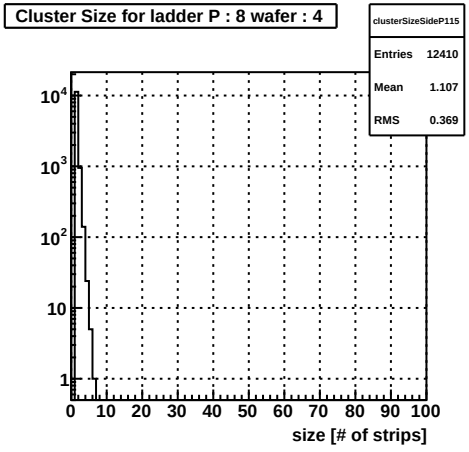

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7454
Mean 1.137
RMS 0.4286
size [# of strips]

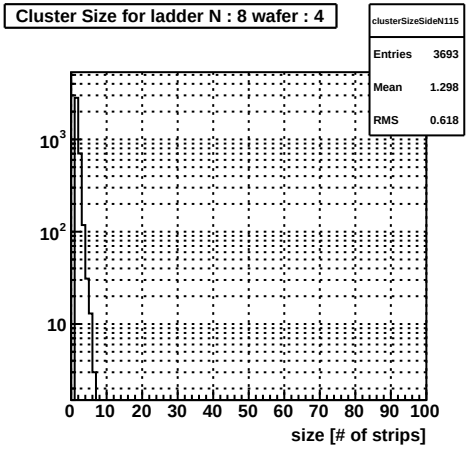

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11371
Mean 1.291
RMS 0.7008
size [# of strips]

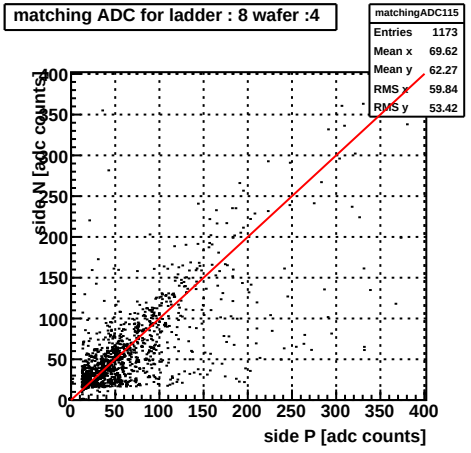

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1788
Mean x 59.27
Mean y 56.96
RMS x 55.5
RMS y 55.23
side N [adc counts]
side P [adc counts]

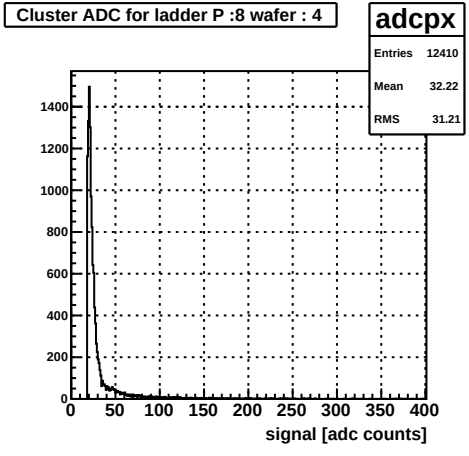

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7454
Mean 40.82
RMS 41.74
signal [adc counts]

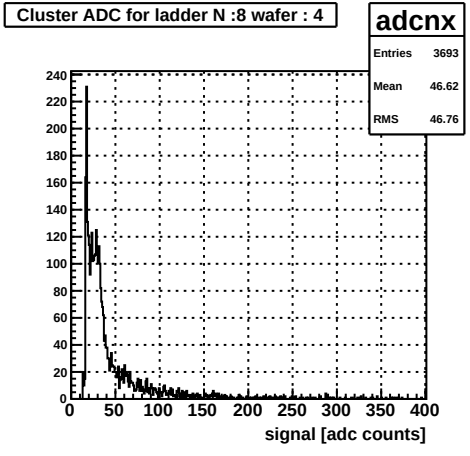

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11371
Mean 29.26
RMS 34.32
signal [adc counts]

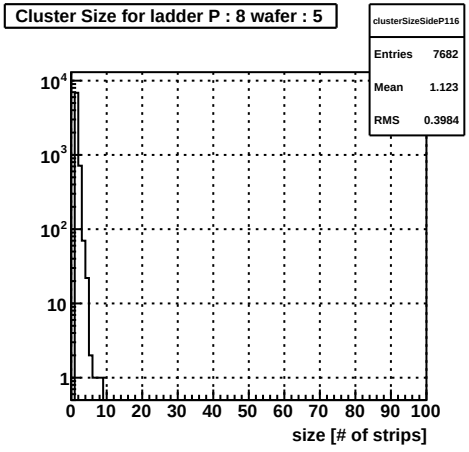

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12410
Mean 1.107
RMS 0.369
size [# of strips]

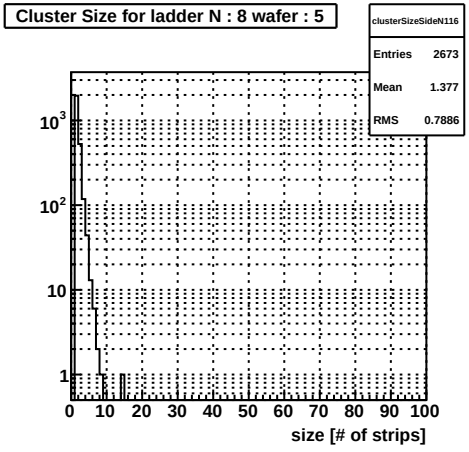

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3693
Mean 1.298
RMS 0.618
size [# of strips]

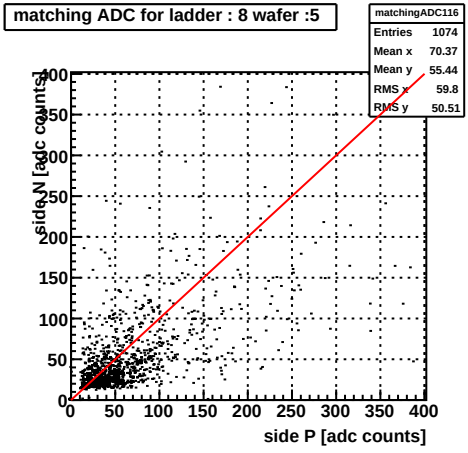

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1173
Mean x 69.62
Mean y 62.27
RMS x 59.84
RMS y 53.42
side N [adc counts]
side P [adc counts]

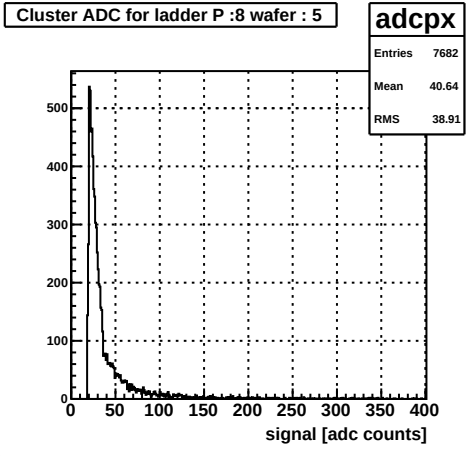

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12410
Mean 32.22
RMS 31.21
signal [adc counts]

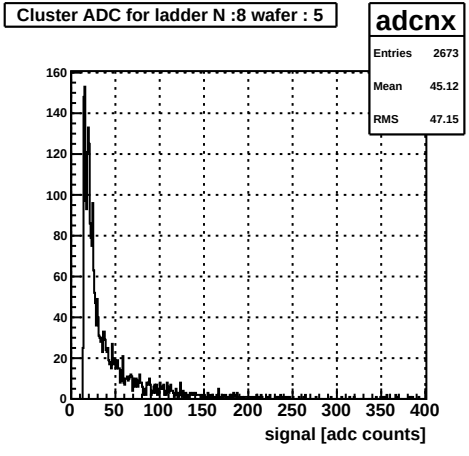

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3693
Mean 46.62
RMS 46.76
signal [adc counts]

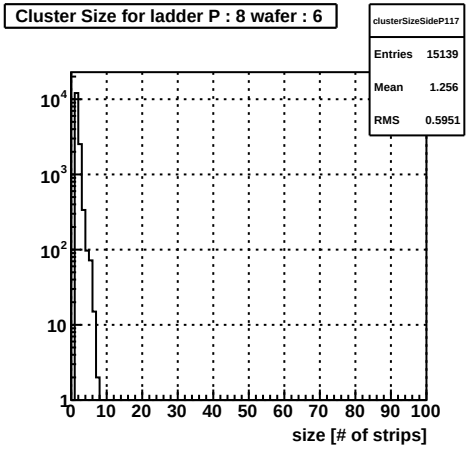

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7682
Mean 1.123
RMS 0.3984
size [# of strips]

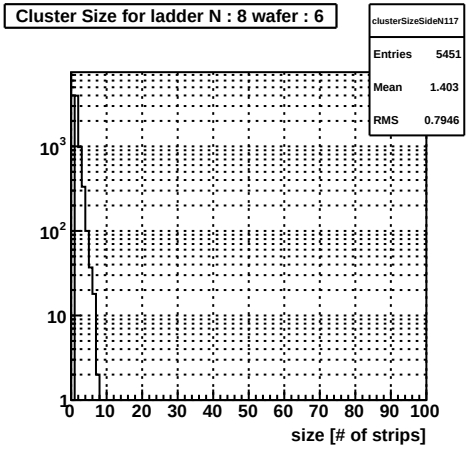

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2673
Mean 1.377
RMS 0.7886
size [# of strips]

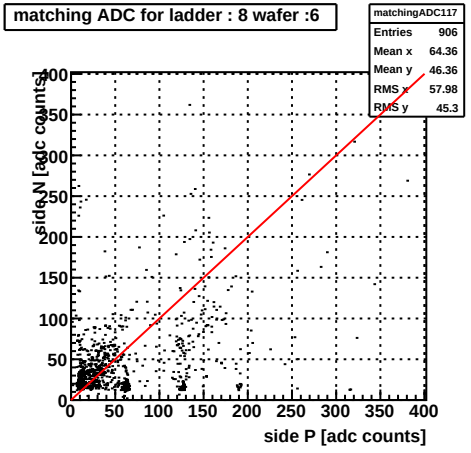

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1074
Mean x 70.37
Mean y 55.44
RMS x 59.8
RMS y 50.51
side N [adc counts]
side P [adc counts]

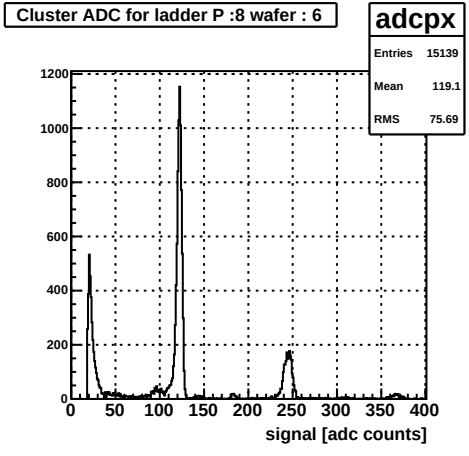

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7682
Mean 40.64
RMS 38.91
signal [adc counts]

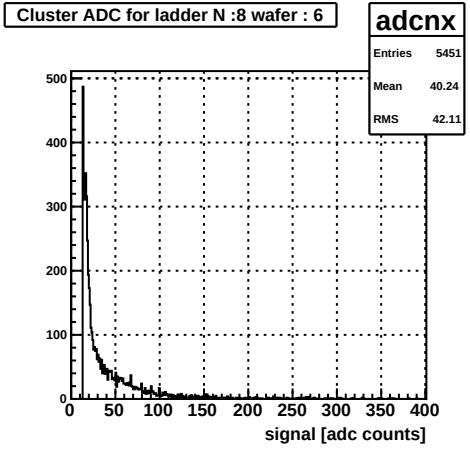

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2673
Mean 45.12
RMS 47.15
signal [adc counts]

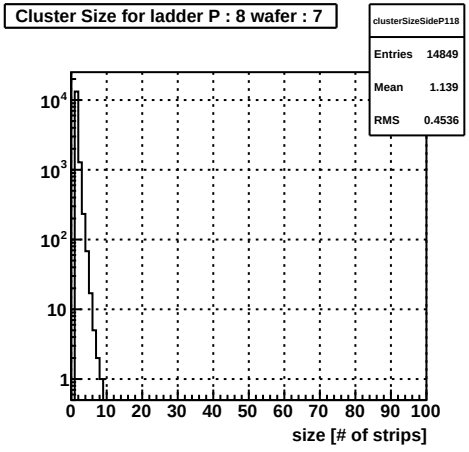

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 15139
Mean 1.256
RMS 0.5951
size [# of strips]

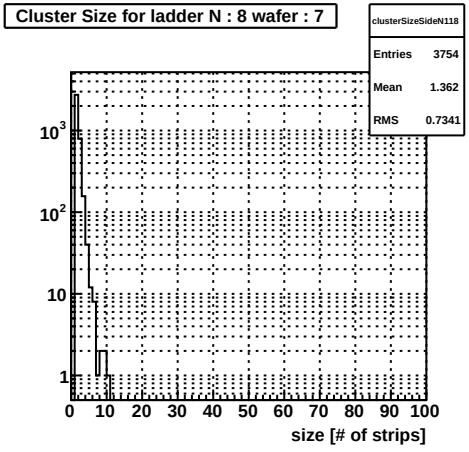

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5451
Mean 1.403
RMS 0.7946
size [# of strips]

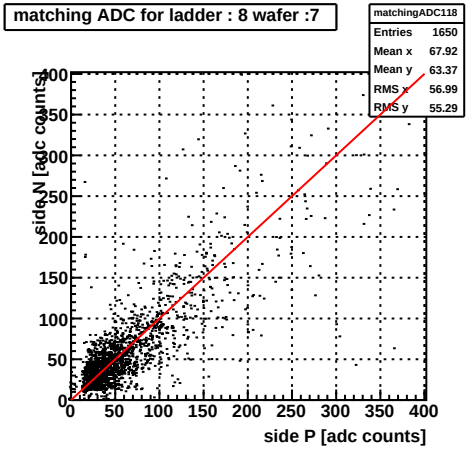

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 906
Mean x 64.36
Mean y 46.36
RMS x 57.98
RMS y 45.3
side N [adc counts]
side P [adc counts]

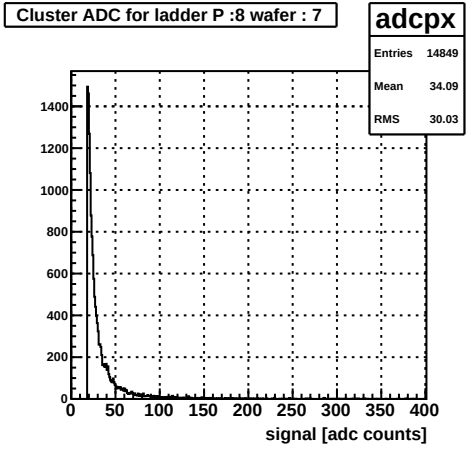

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 15139
Mean 119.1
RMS 75.69
signal [adc counts]

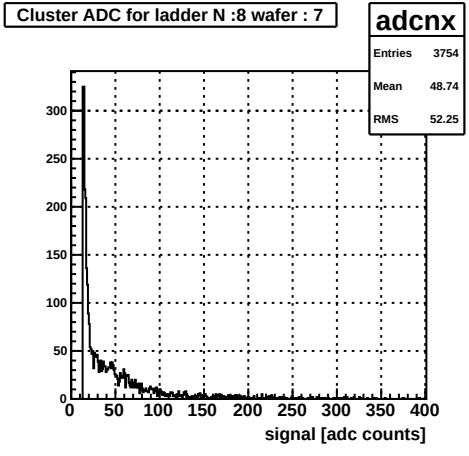

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5451
Mean 40.24
RMS 42.11
signal [adc counts]

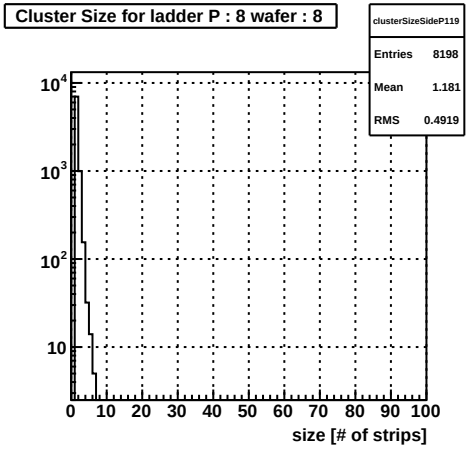

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14849
Mean 1.139
RMS 0.4536
size [# of strips]

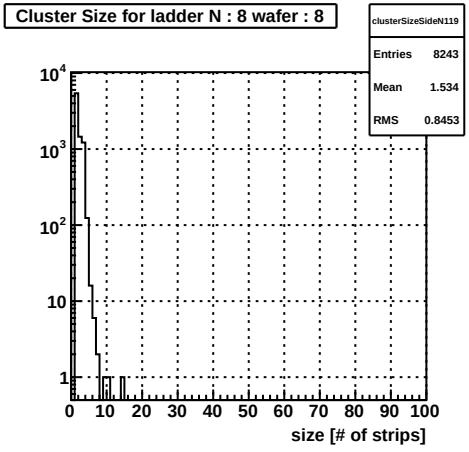

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3754
Mean 1.362
RMS 0.7341
size [# of strips]

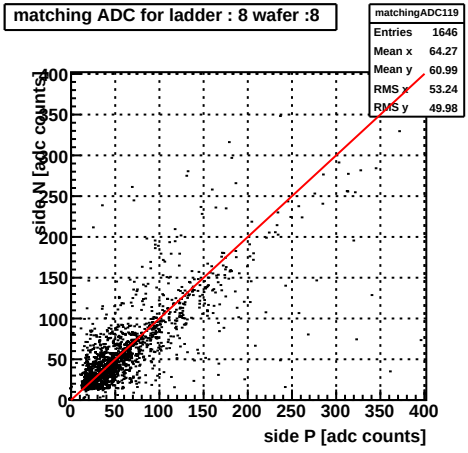

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1650
Mean x 67.92
Mean y 63.37
RMS x 56.99
RMS y 55.29
side N [adc counts]
side P [adc counts]

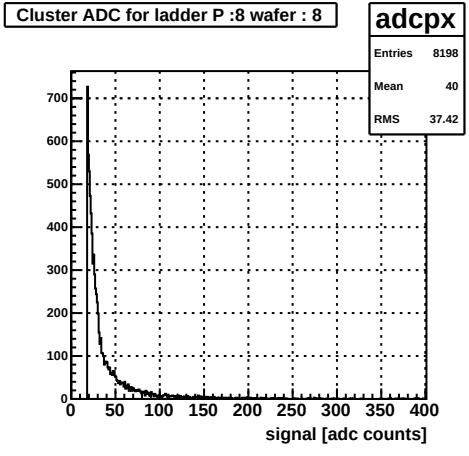

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14849
Mean 34.09
RMS 30.03
signal [adc counts]

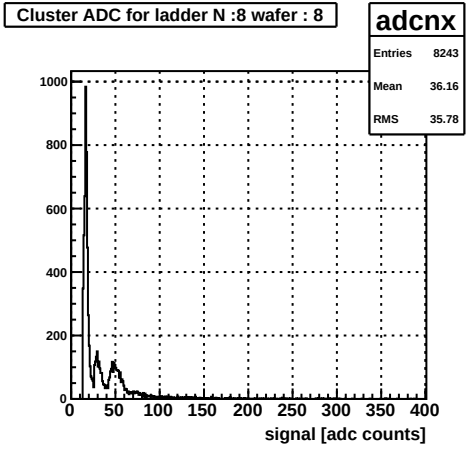

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3754
Mean 48.74
RMS 52.25
signal [adc counts]

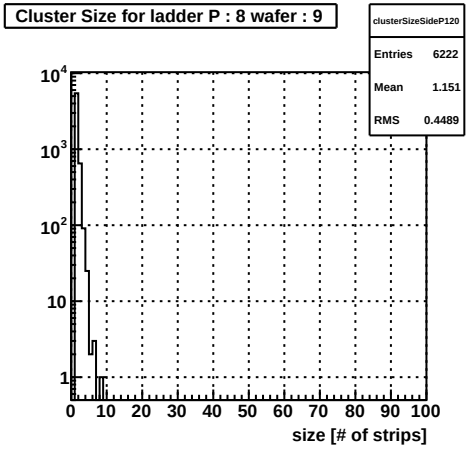

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8198
Mean 1.181
RMS 0.4919
size [# of strips]

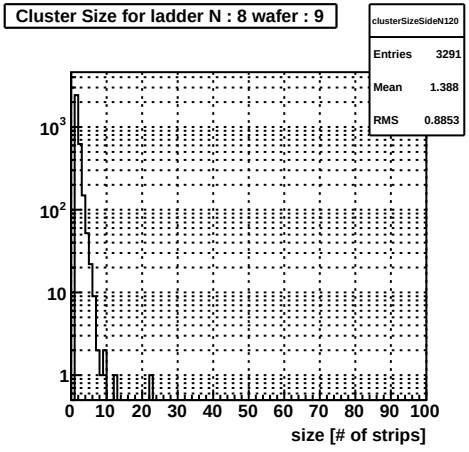

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 8243
Mean 1.534
RMS 0.8453
size [# of strips]

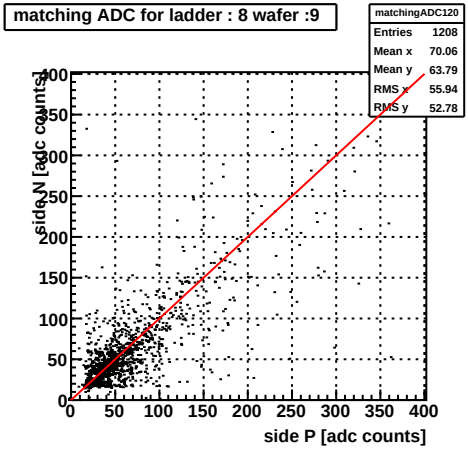

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1646
Mean x 64.27
Mean y 60.99
RMS x 53.24
RMS y 49.98
side N [adc counts]
side P [adc counts]

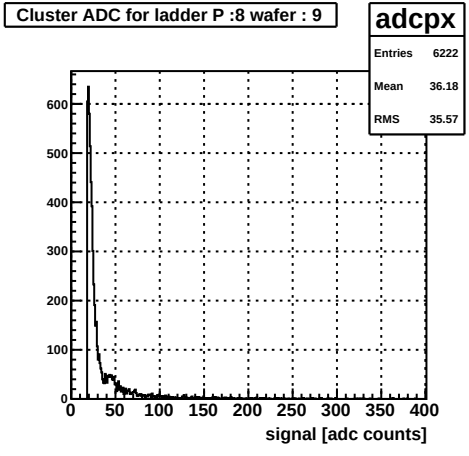

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8198
Mean 40
RMS 37.42
signal [adc counts]

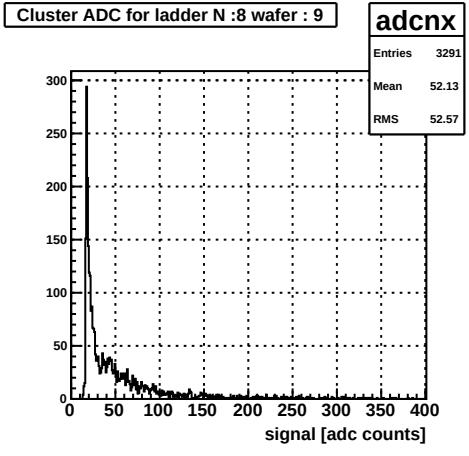

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 8243
Mean 36.16
RMS 35.78
signal [adc counts]

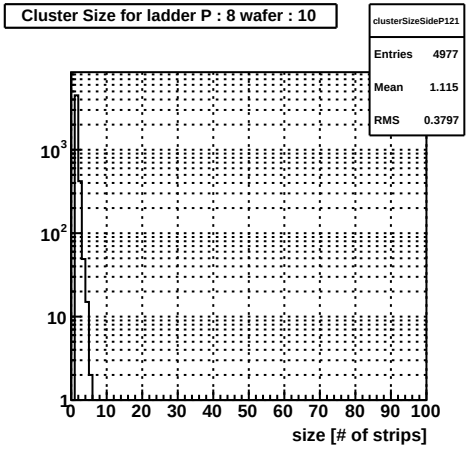

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6222
Mean 1.151
RMS 0.4489
size [# of strips]

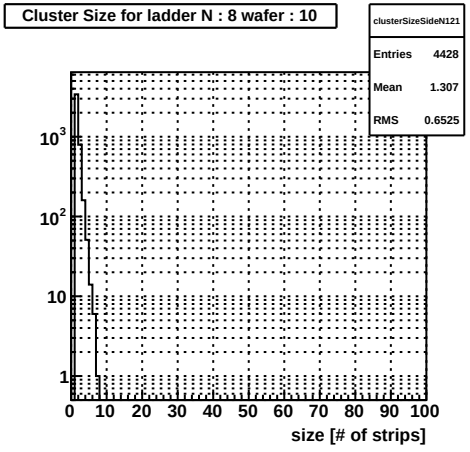

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3291
Mean 1.388
RMS 0.8853
size [# of strips]

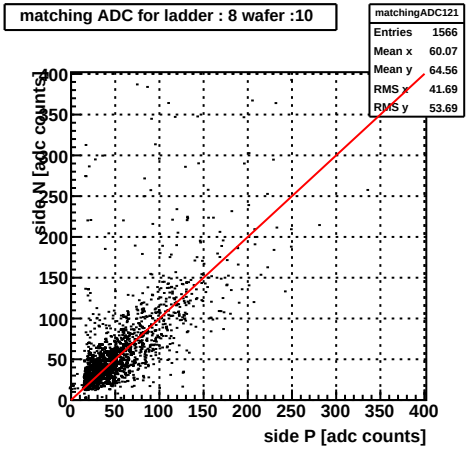

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1208
Mean x 70.06
Mean y 63.79
RMS x 55.94
RMS y 52.78
side N [adc counts]
side P [adc counts]

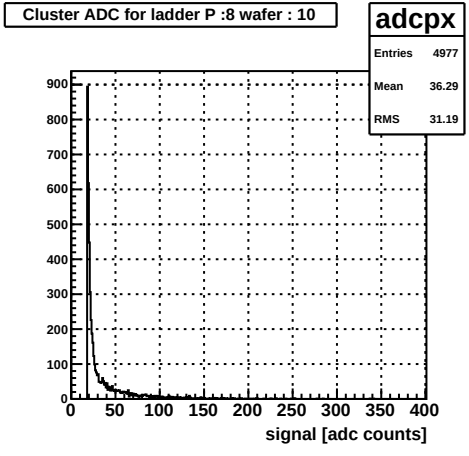

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6222
Mean 36.18
RMS 35.57
signal [adc counts]

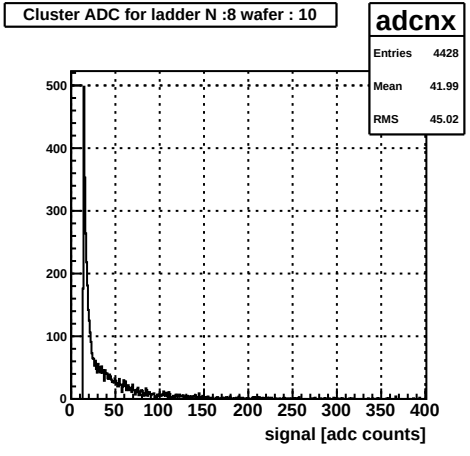

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3291
Mean 52.13
RMS 52.57
signal [adc counts]

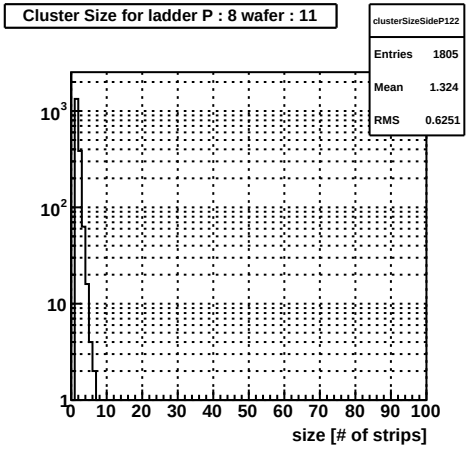

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4977
Mean 1.115
RMS 0.3797
size [# of strips]

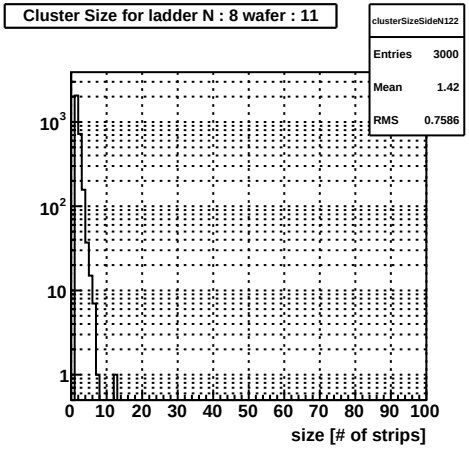

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4428
Mean 1.307
RMS 0.6525
size [# of strips]

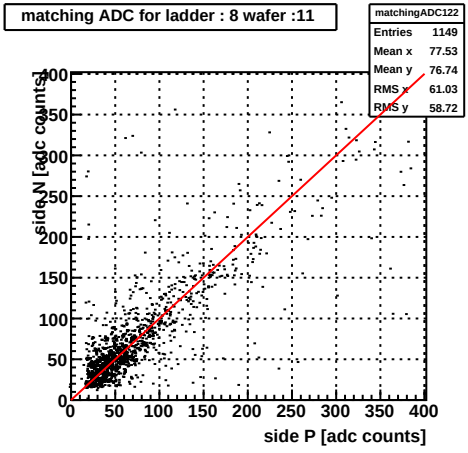

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1566
Mean x 60.07
Mean y 64.56
RMS x 41.69
RMS y 53.69
side N [adc counts]
side P [adc counts]

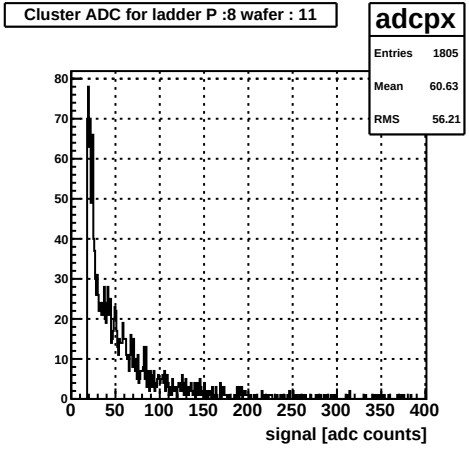

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4977
Mean 36.29
RMS 31.19
signal [adc counts]

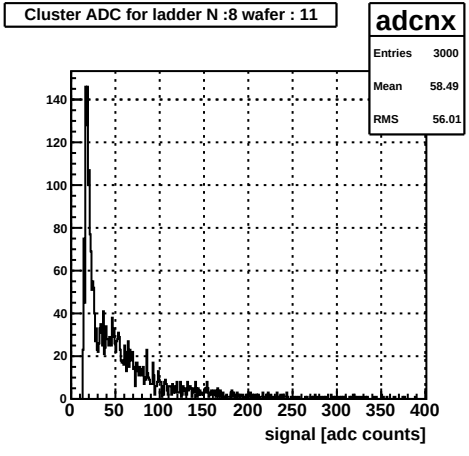

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4428
Mean 41.99
RMS 45.02
signal [adc counts]

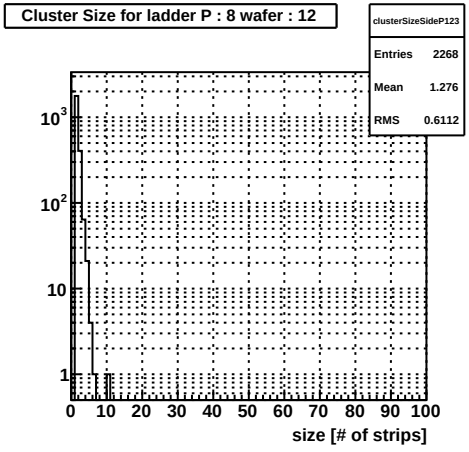

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1805
Mean 1.324
RMS 0.6251
size [# of strips]

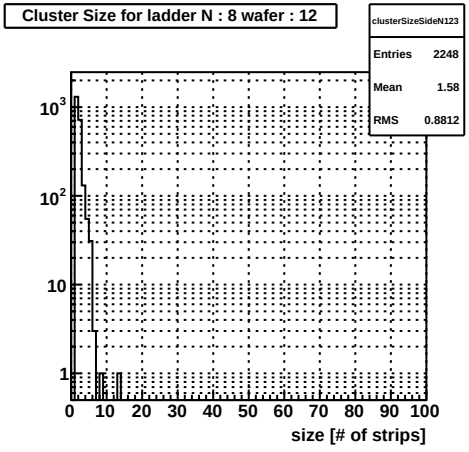

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 3000
Mean 1.42
RMS 0.7586
size [# of strips]

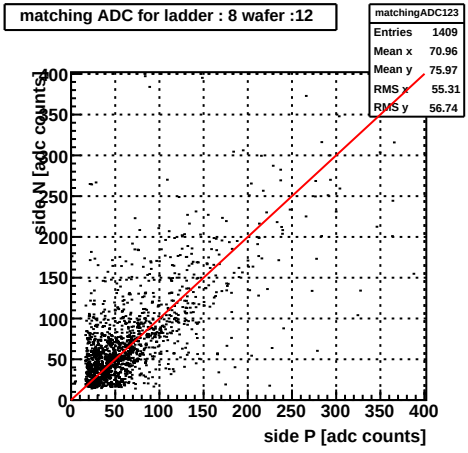

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1149
Mean x 77.53
Mean y 76.74
RMS x 61.03
RMS y 58.72
side N [adc counts]
side P [adc counts]

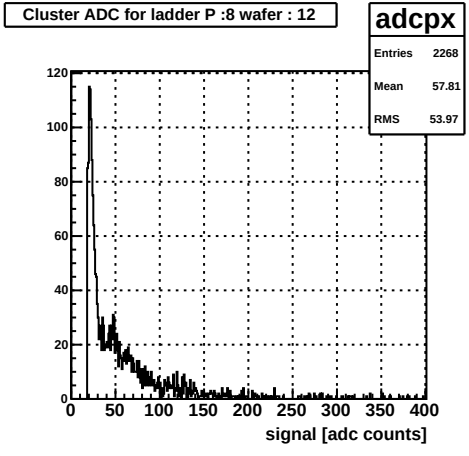

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1805
Mean 60.63
RMS 56.21
signal [adc counts]

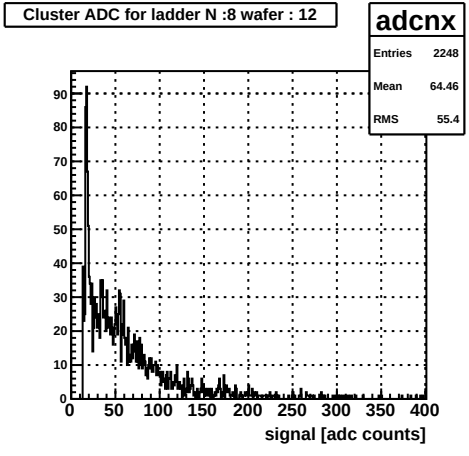

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 3000
Mean 58.49
RMS 56.01
signal [adc counts]

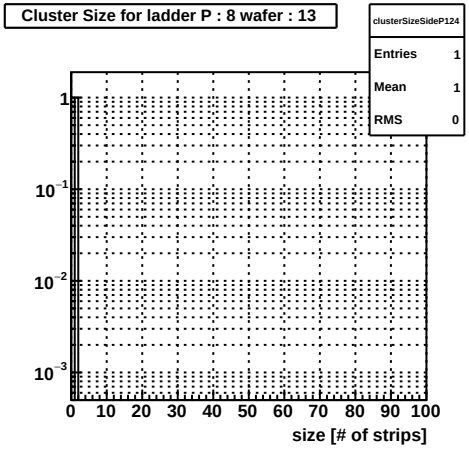

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2268
Mean 1.276
RMS 0.6112
size [# of strips]

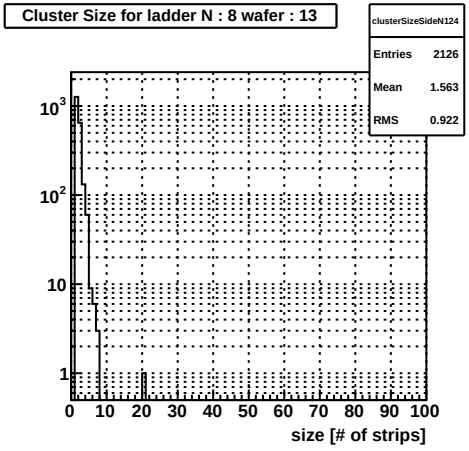

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2248
Mean 1.58
RMS 0.8812
size [# of strips]

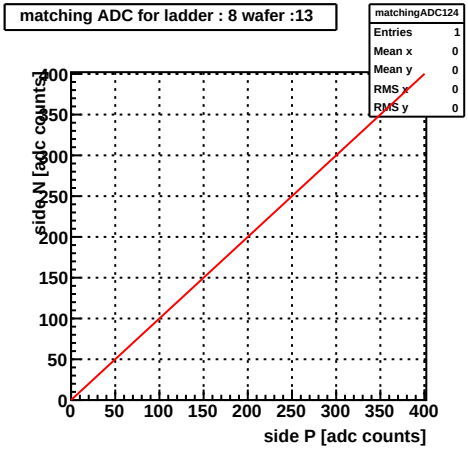

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1409
Mean x 70.96
Mean y 75.97
RMS x 55.31
RMS y 56.74
side N [adc counts]
side P [adc counts]

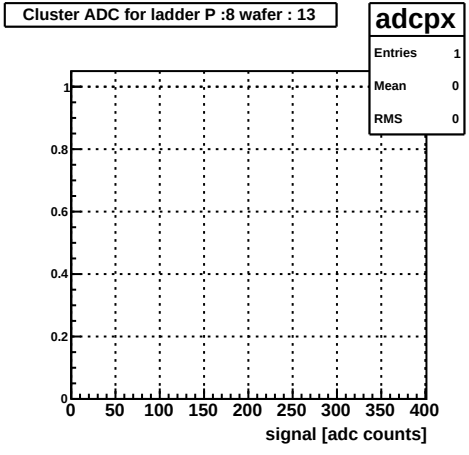

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2268
Mean 57.81
RMS 53.97
signal [adc counts]

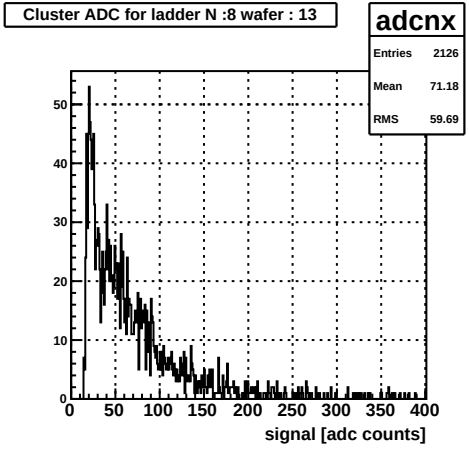

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2248
Mean 64.46
RMS 55.4
signal [adc counts]

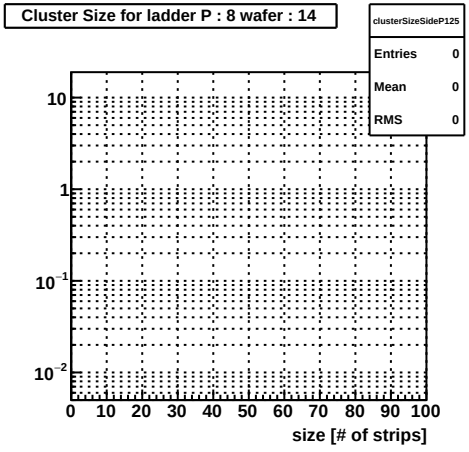

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

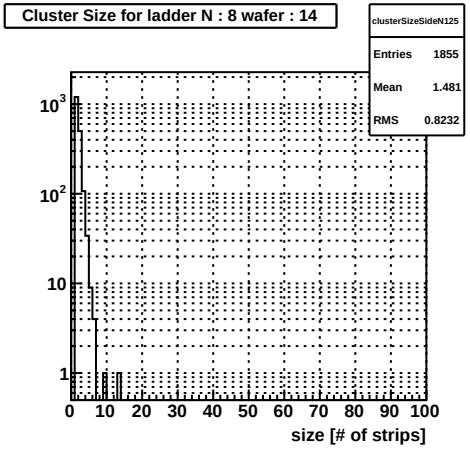

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2126
Mean 1.563
RMS 0.922
size [# of strips]

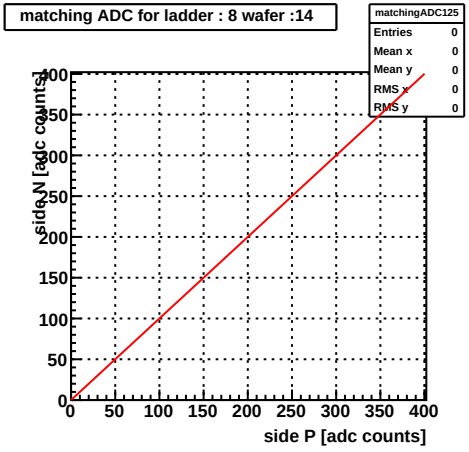

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

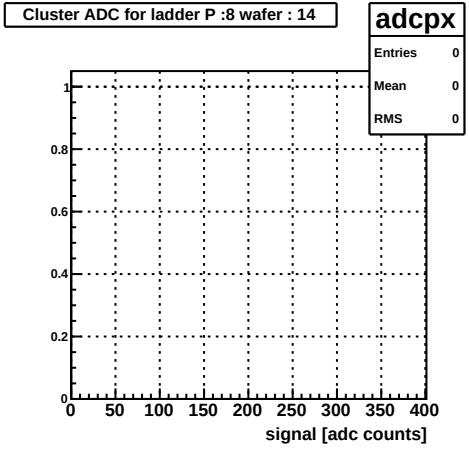

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

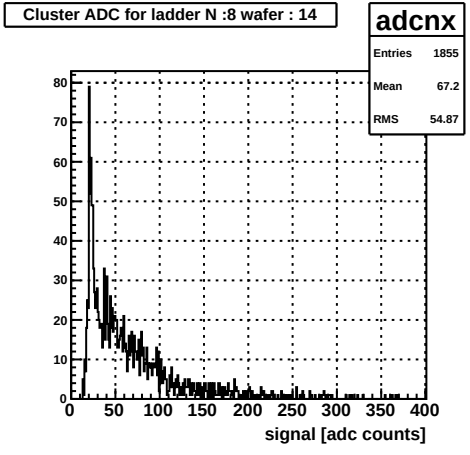

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2126
Mean 71.18
RMS 59.69
signal [adc counts]

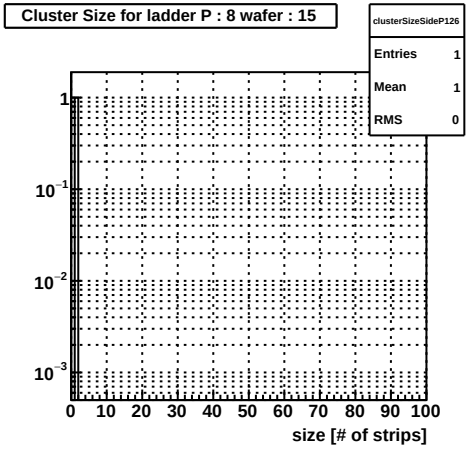

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

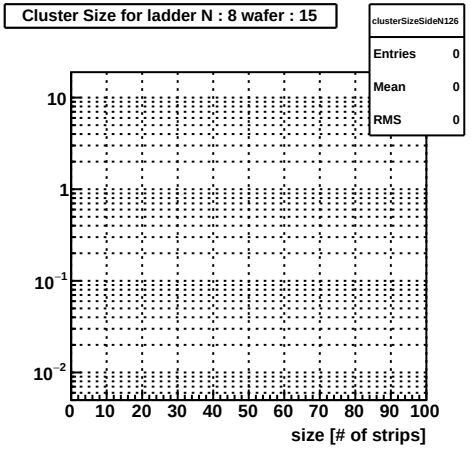

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1855
Mean 1.481
RMS 0.8232
size [# of strips]

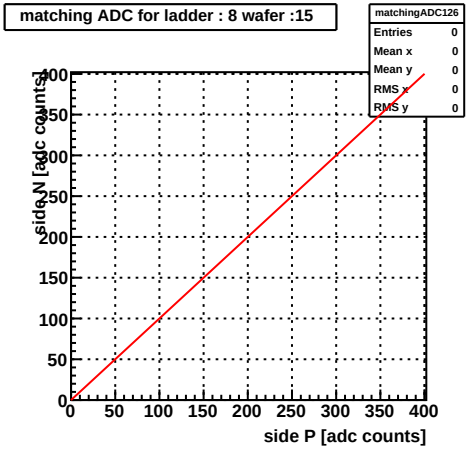

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

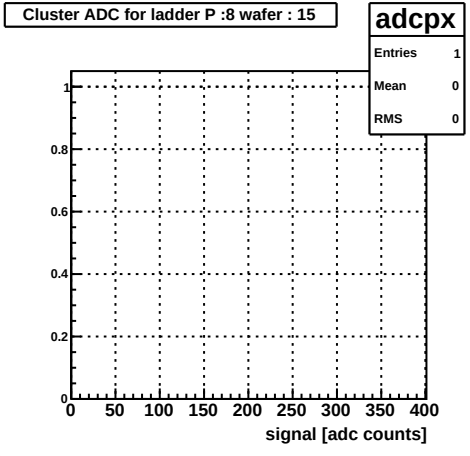

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

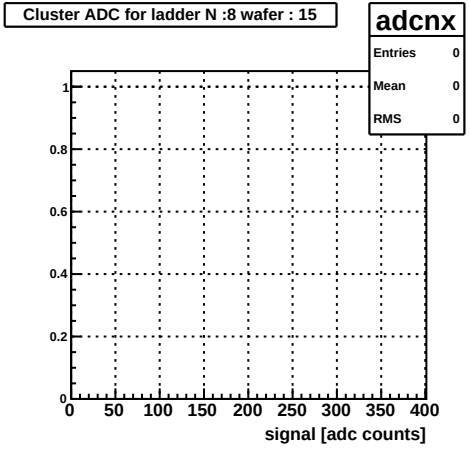

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1855
Mean 67.2
RMS 54.87
signal [adc counts]

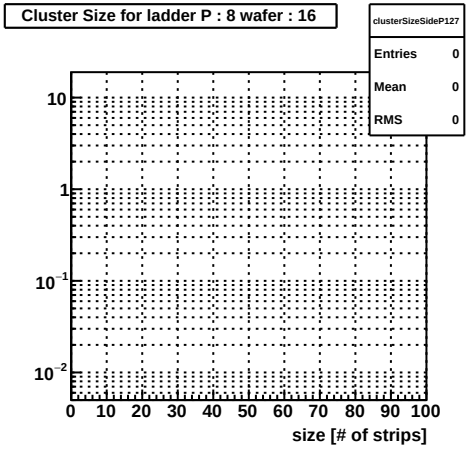

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

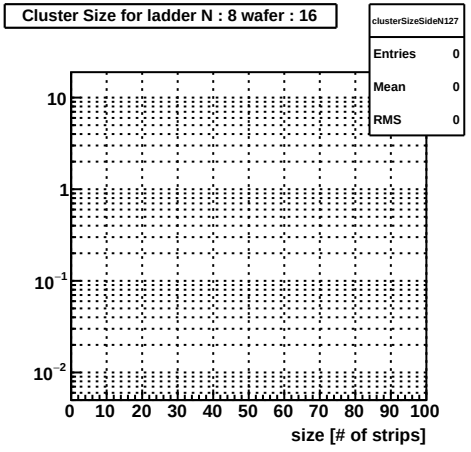

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

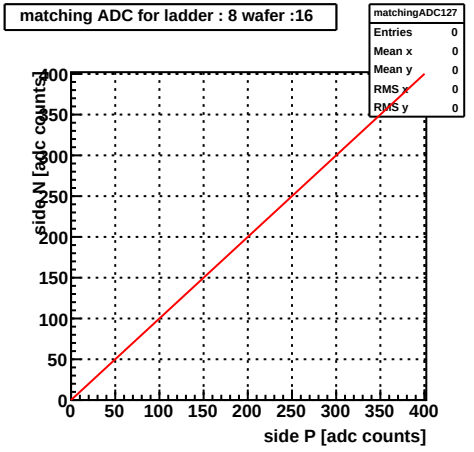

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

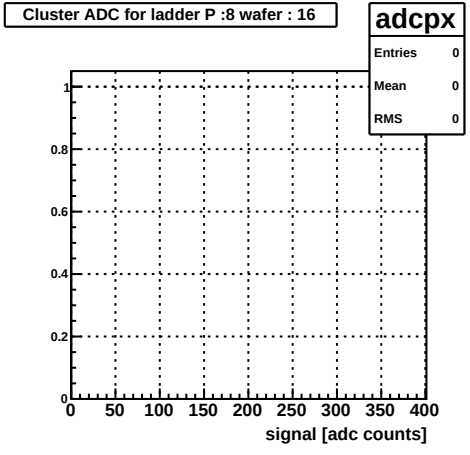

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

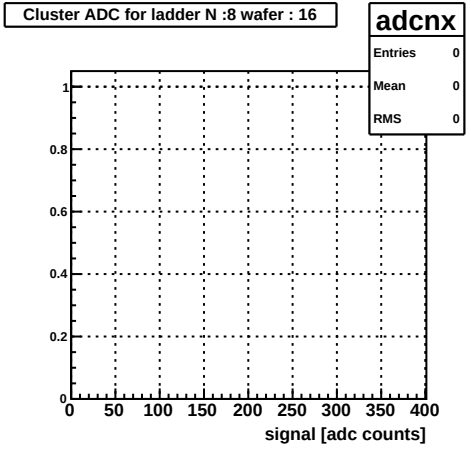

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

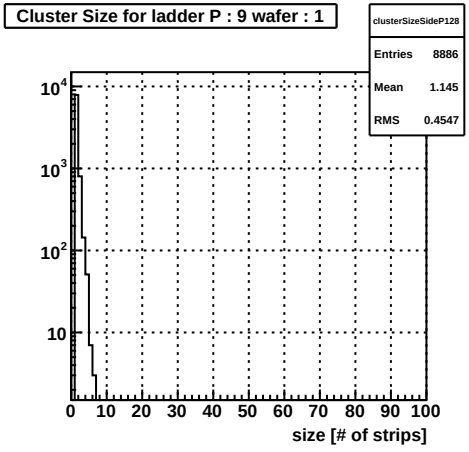

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

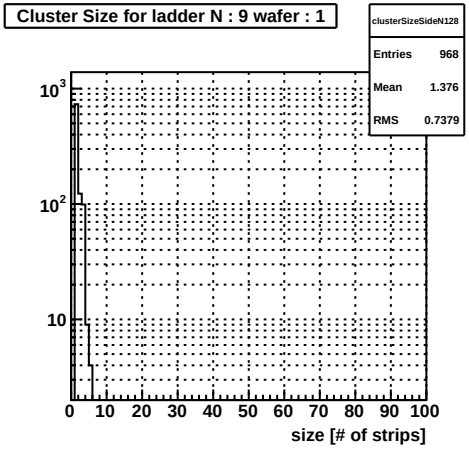

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

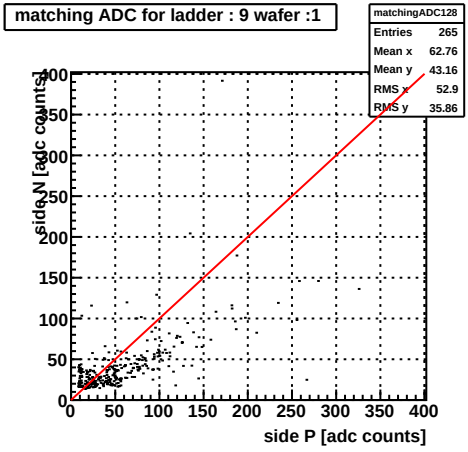

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

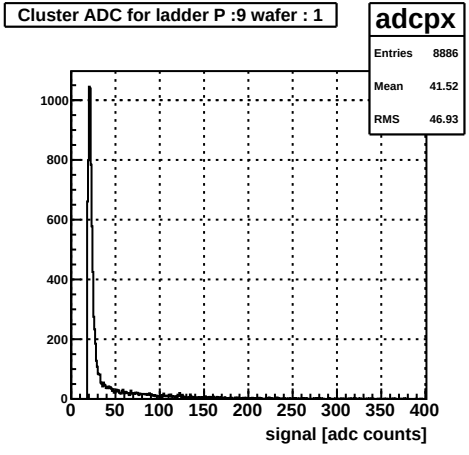

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

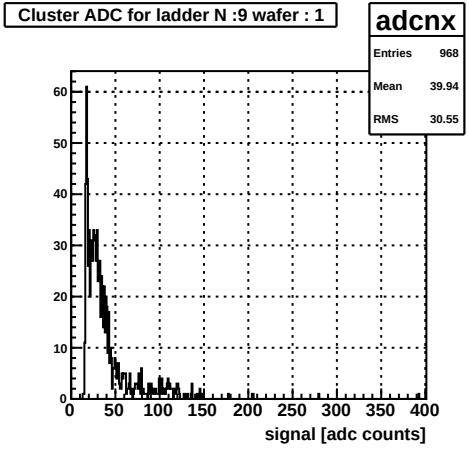

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

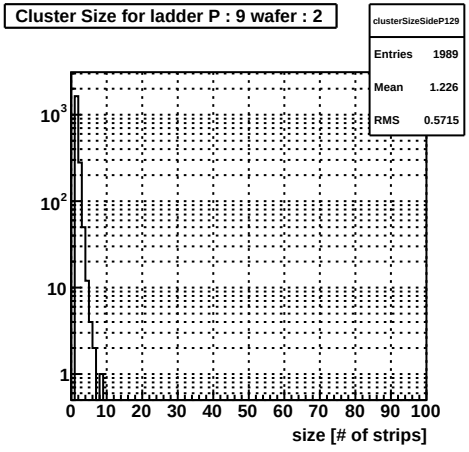

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8886
Mean 1.145
RMS 0.4547
size [# of strips]

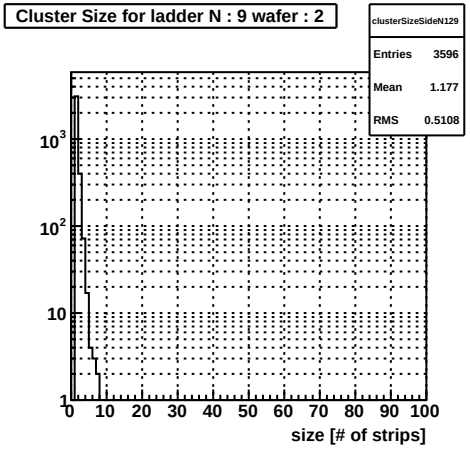

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 968
Mean 1.376
RMS 0.7379
size [# of strips]

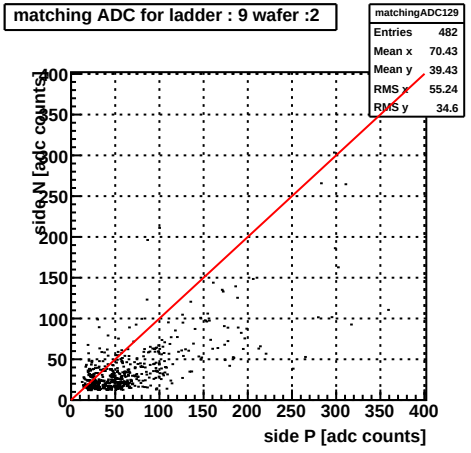

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 265
Mean x 62.76
Mean y 43.16
RMS x 52.9
RMS y 35.86
side N [adc counts]
side P [adc counts]

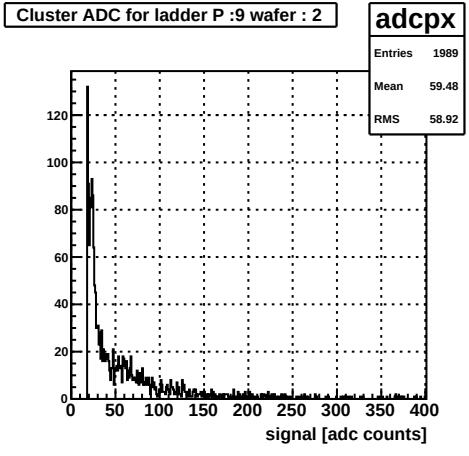

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8886
Mean 41.52
RMS 46.93
signal [adc counts]

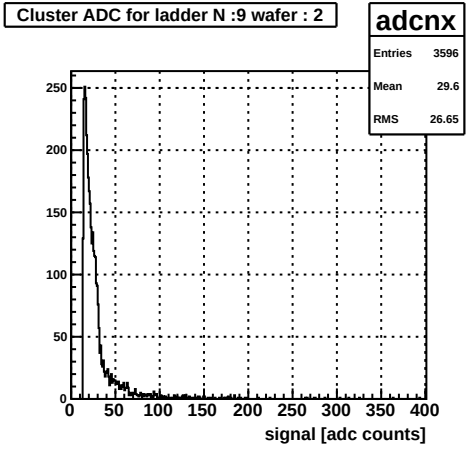

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 968
Mean 39.94
RMS 30.55
signal [adc counts]

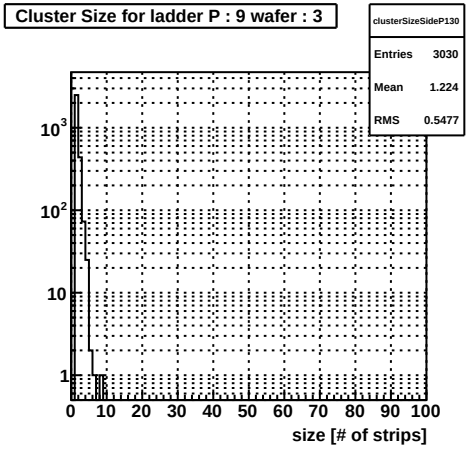

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1989
Mean 1.226
RMS 0.5715
size [# of strips]

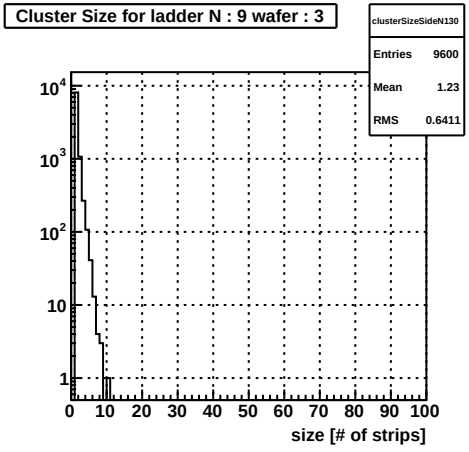

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3596
Mean 1.177
RMS 0.5108
size [# of strips]

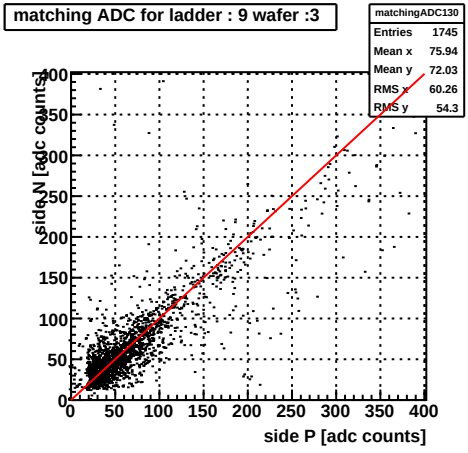

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 482
Mean x 70.43
Mean y 39.43
RMS x 55.24
RMS y 34.6
side N [adc counts]
side P [adc counts]

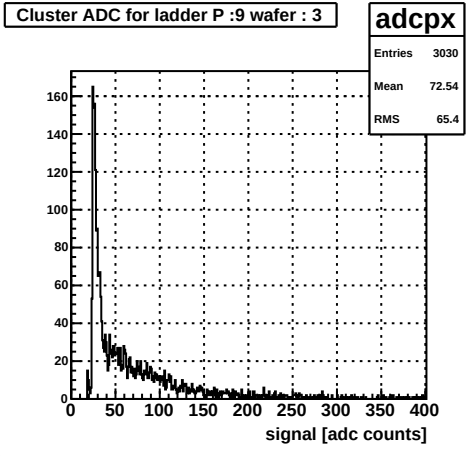

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1989
Mean 59.48
RMS 58.92
signal [adc counts]

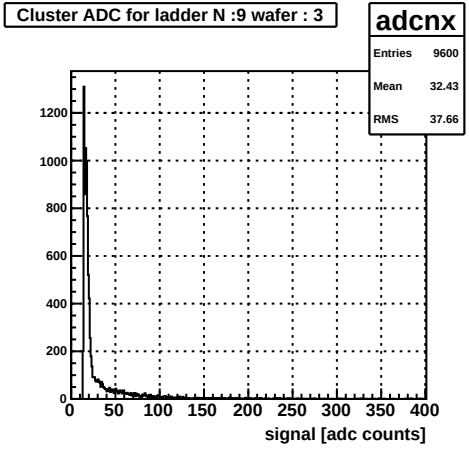

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3596
Mean 29.6
RMS 26.65
signal [adc counts]

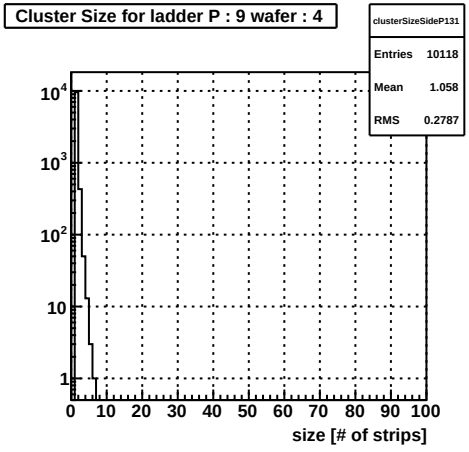

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3030
Mean 1.224
RMS 0.5477
size [# of strips]

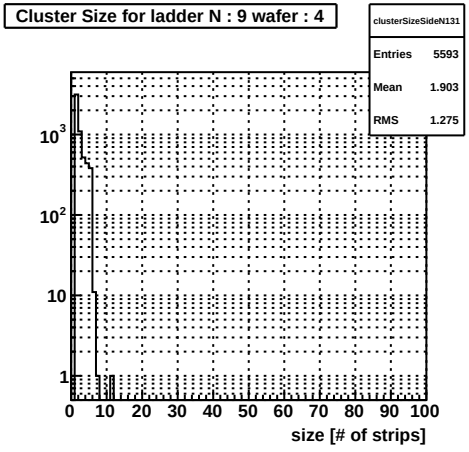

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9600
Mean 1.23
RMS 0.6411
size [# of strips]

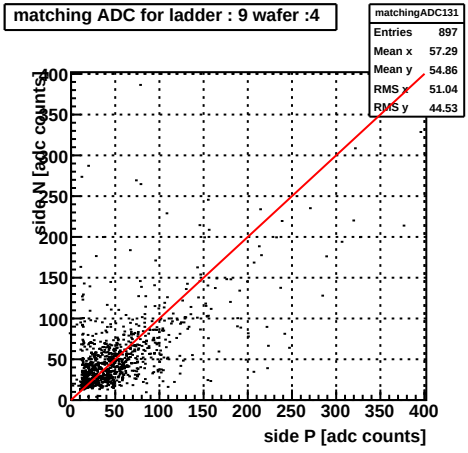

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1745
Mean x 75.94
Mean y 72.03
RMS x 60.26
RMS y 54.3
side N [adc counts]
side P [adc counts]

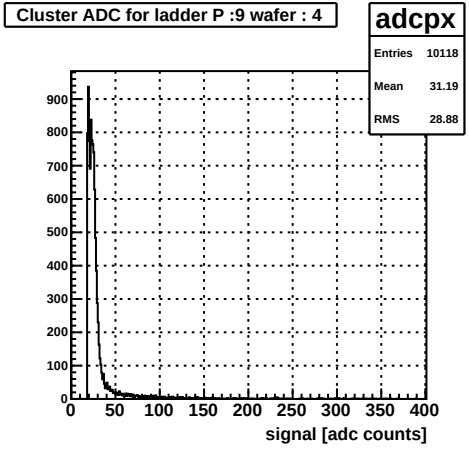

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3030
Mean 72.54
RMS 65.4
signal [adc counts]

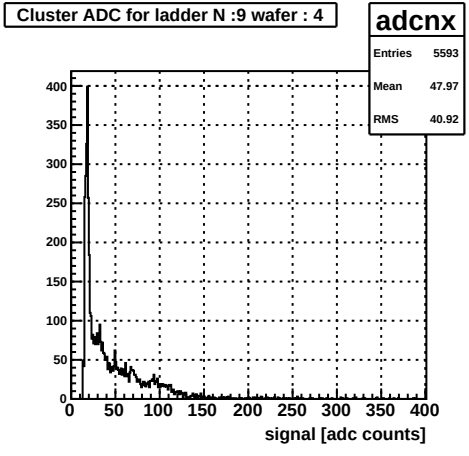

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9600
Mean 32.43
RMS 37.66
signal [adc counts]

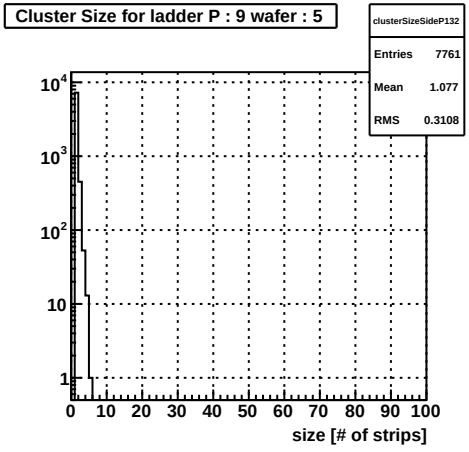

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10118
Mean 1.058
RMS 0.2787
size [# of strips]

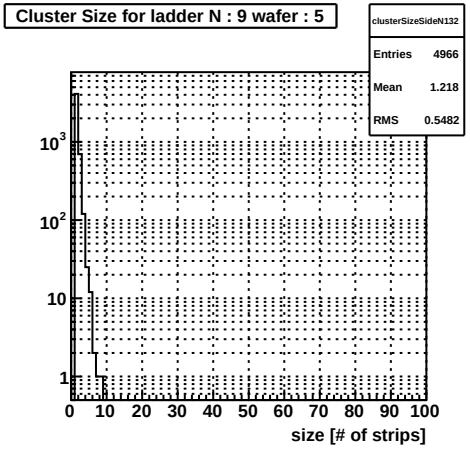

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5593
Mean 1.903
RMS 1.275
size [# of strips]

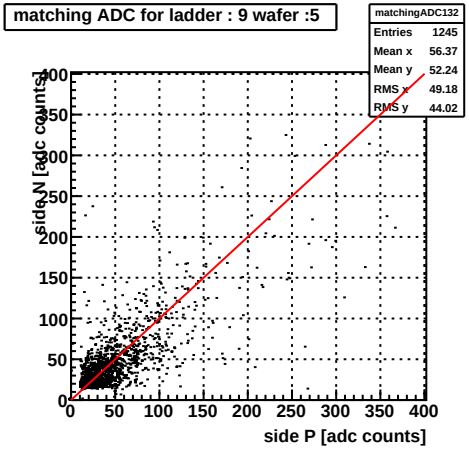

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 897
Mean x 57.29
Mean y 54.86
RMS x 51.04
RMS y 44.53
side N [adc counts]
side P [adc counts]

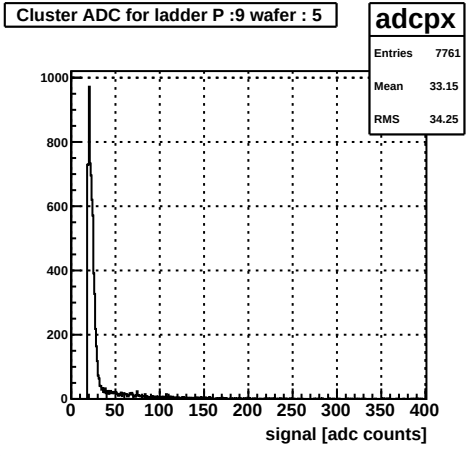

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10118
Mean 31.19
RMS 28.88
signal [adc counts]

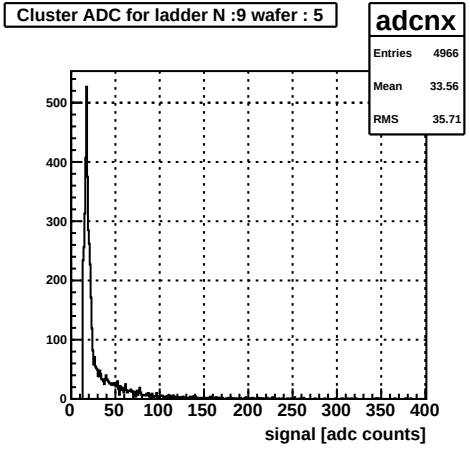

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5593
Mean 47.97
RMS 40.92
signal [adc counts]

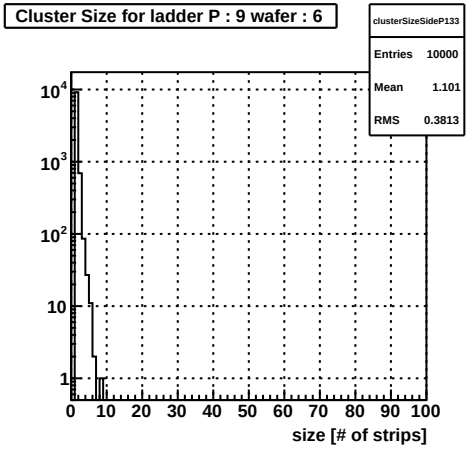

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7761
Mean 1.077
RMS 0.3108
size [# of strips]

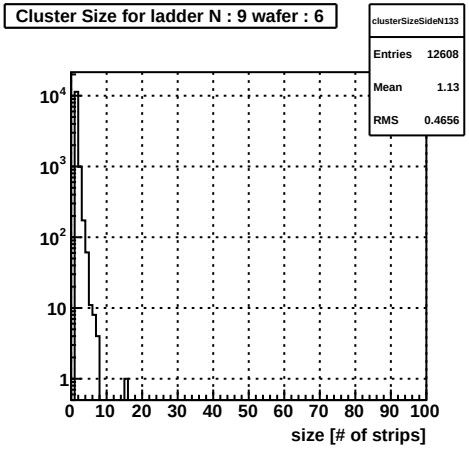

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 4966
Mean 1.218
RMS 0.5482
size [# of strips]

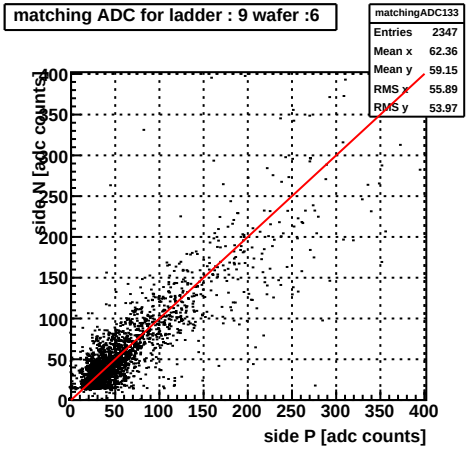

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1245
Mean x 56.37
Mean y 52.24
RMS x 49.18
RMS y 44.02
side N [adc counts]
side P [adc counts]

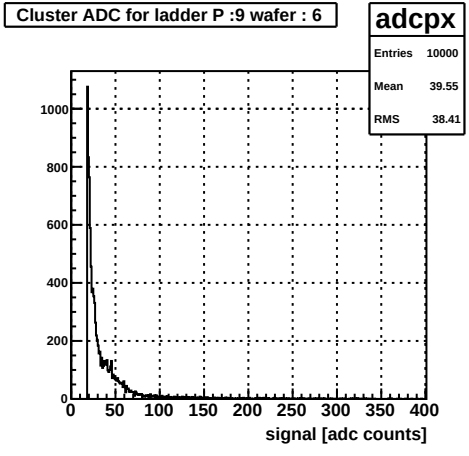

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7761
Mean 33.15
RMS 34.25
signal [adc counts]

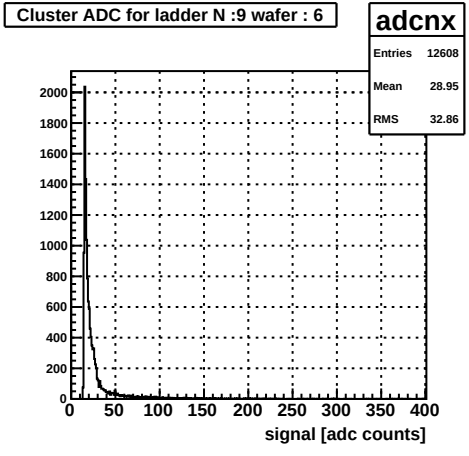

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 4966
Mean 33.56
RMS 35.71
signal [adc counts]

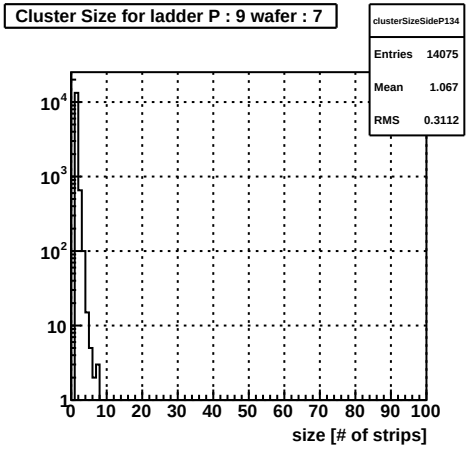

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 10000
Mean 1.101
RMS 0.3813
size [# of strips]

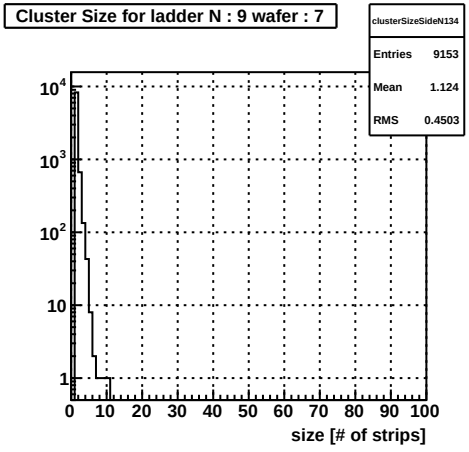

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12608
Mean 1.13
RMS 0.4656
size [# of strips]

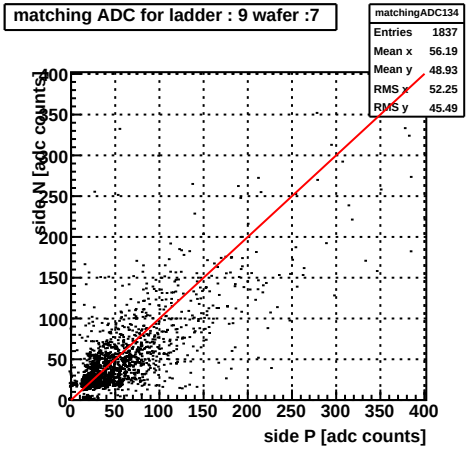

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2347
Mean x 62.36
Mean y 59.15
RMS x 55.89
RMS y 53.97
side N [adc counts]
side P [adc counts]

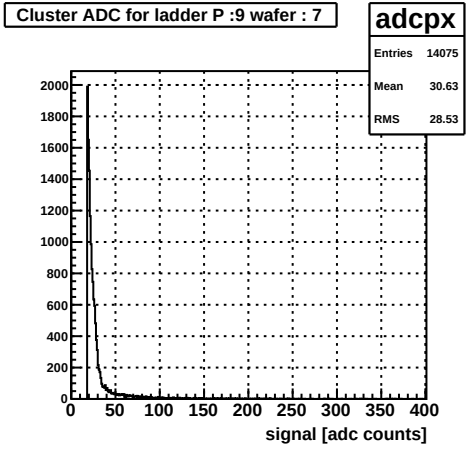

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 10000
Mean 39.55
RMS 38.41
signal [adc counts]

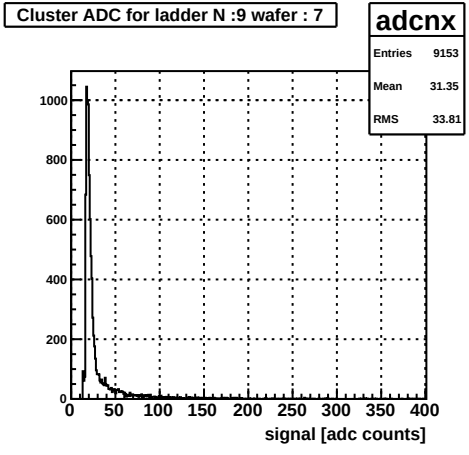

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12608
Mean 28.95
RMS 32.86
signal [adc counts]

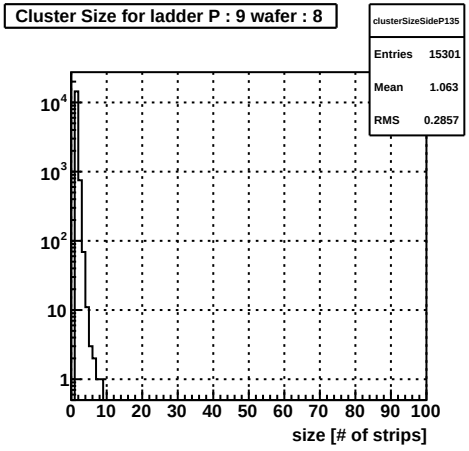

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14075
Mean 1.067
RMS 0.3112
size [# of strips]

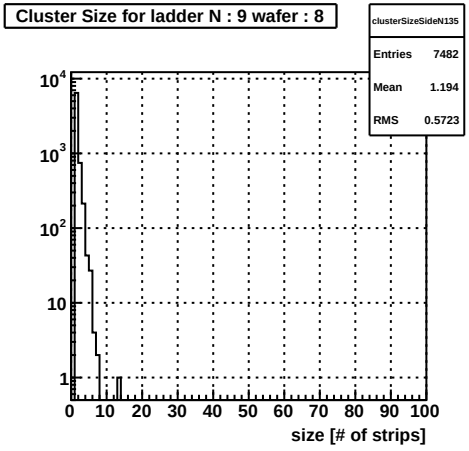

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 9153
Mean 1.124
RMS 0.4503
size [# of strips]

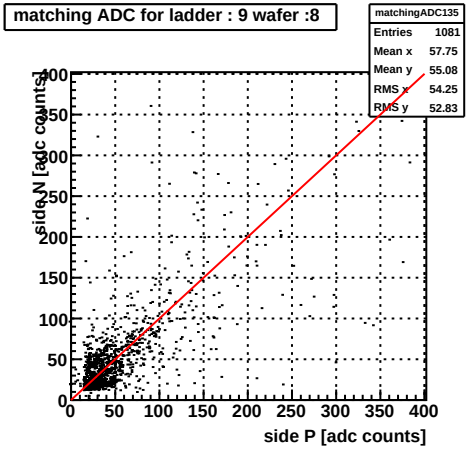

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1837
Mean x 56.19
Mean y 48.93
RMS x 52.25
RMS y 45.49
side N [adc counts]
side P [adc counts]

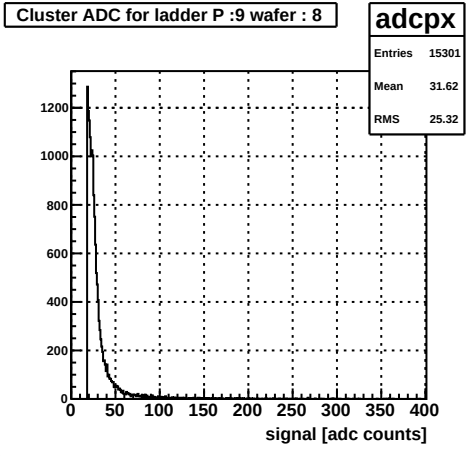

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14075
Mean 30.63
RMS 28.53
signal [adc counts]

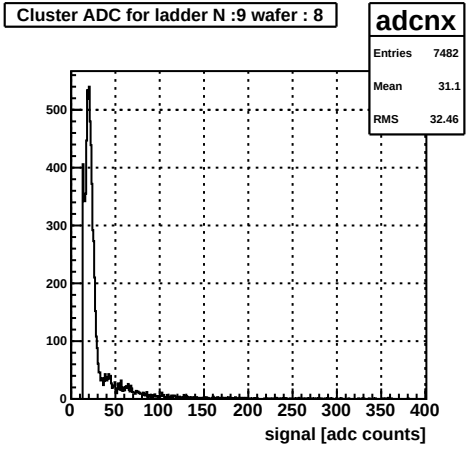

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 9153
Mean 31.35
RMS 33.81
signal [adc counts]

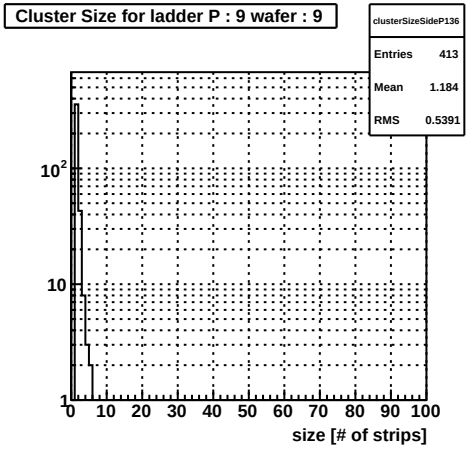

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 15301
Mean 1.063
RMS 0.2857
size [# of strips]

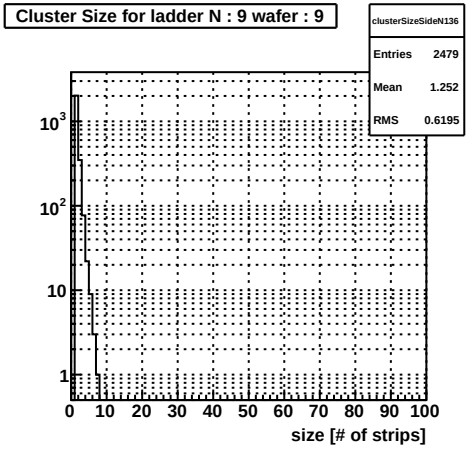

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7482
Mean 1.194
RMS 0.5723
size [# of strips]

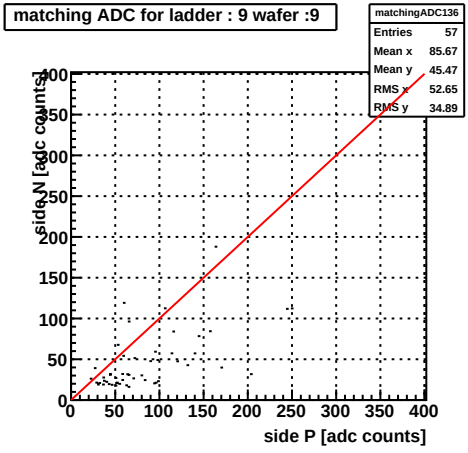

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1081
Mean x 57.75
Mean y 55.08
RMS x 54.25
RMS y 52.83
side N [adc counts]
side P [adc counts]

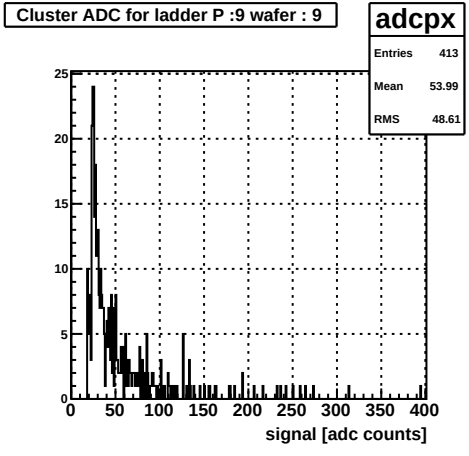

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 15301
Mean 31.62
RMS 25.32
signal [adc counts]

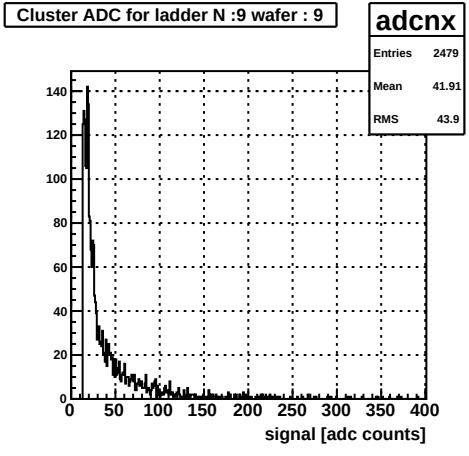

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7482
Mean 31.1
RMS 32.46
signal [adc counts]

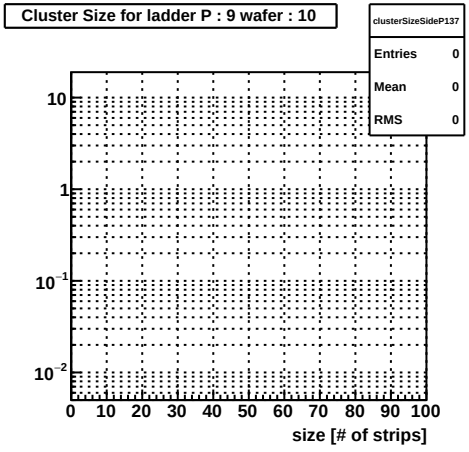

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 413
Mean 1.184
RMS 0.5391
size [# of strips]

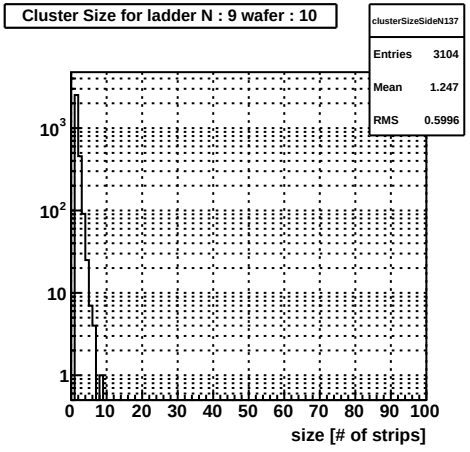

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2479
Mean 1.252
RMS 0.6195
size [# of strips]

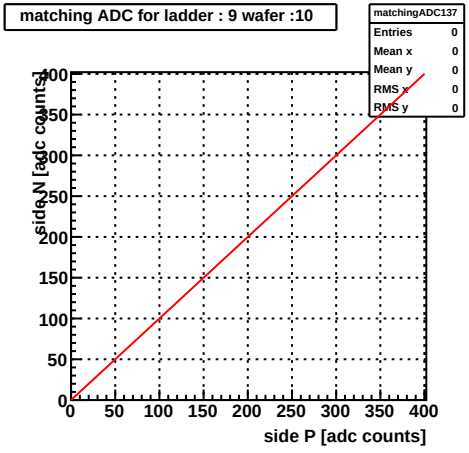

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 57
Mean x 85.67
Mean y 45.47
RMS x 52.65
RMS y 34.89
side N [adc counts]
side P [adc counts]

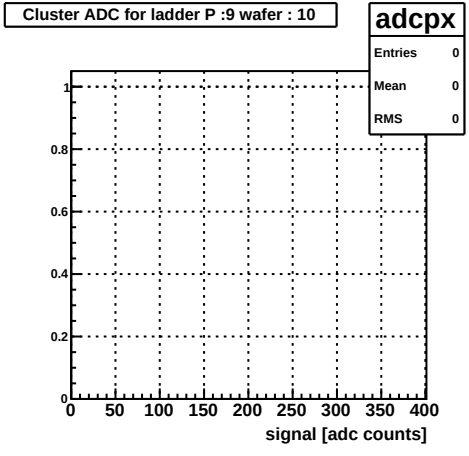

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 413
Mean 53.99
RMS 48.61
signal [adc counts]

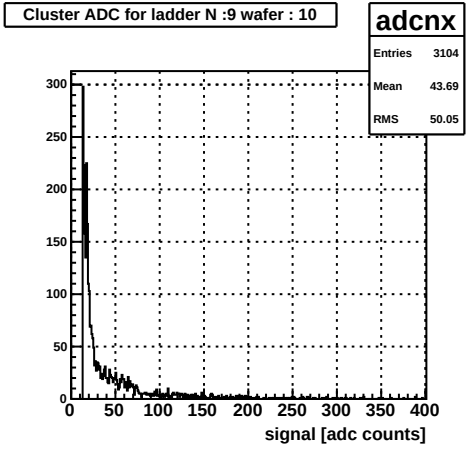

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2479
Mean 41.91
RMS 43.9
signal [adc counts]

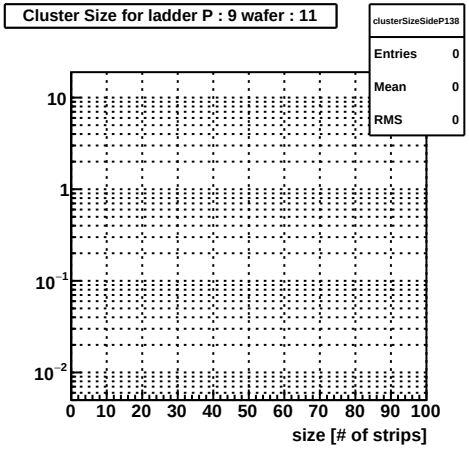

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

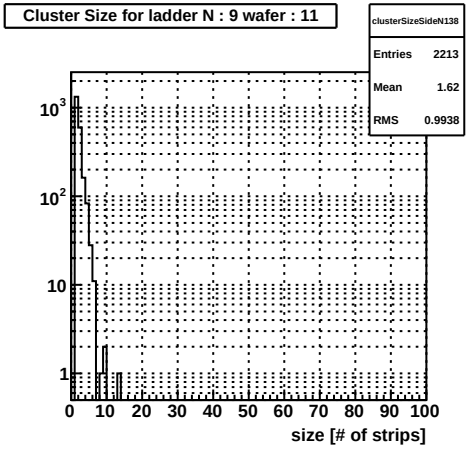

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3104
Mean 1.247
RMS 0.5996
size [# of strips]

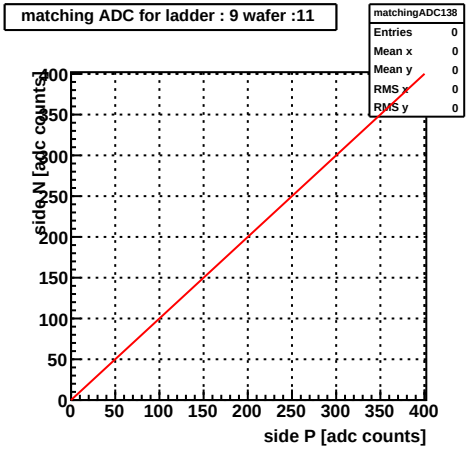

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

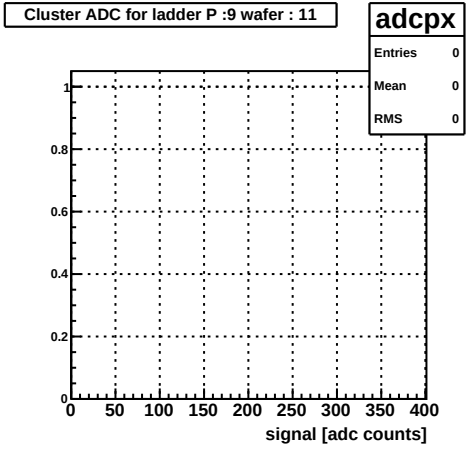

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

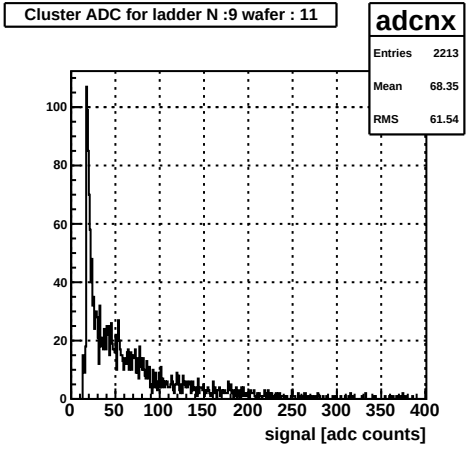

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3104
Mean 43.69
RMS 50.05
signal [adc counts]

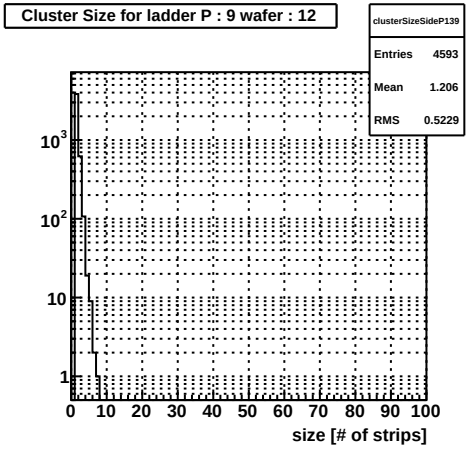

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

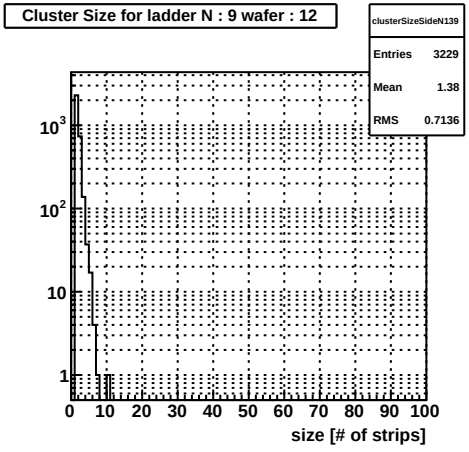

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2213
Mean 1.62
RMS 0.9938
size [# of strips]

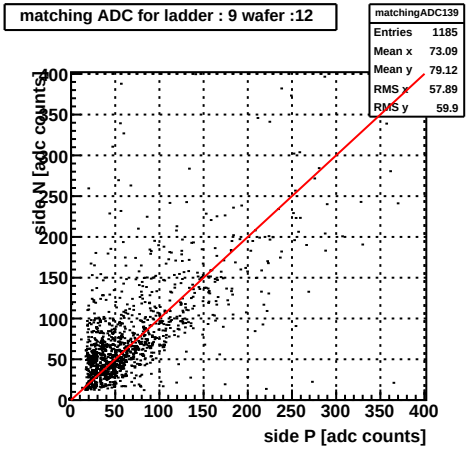

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

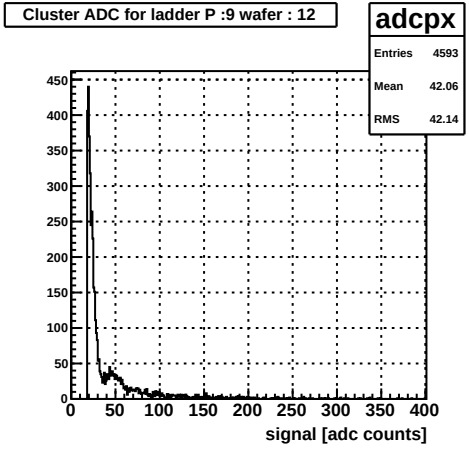

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

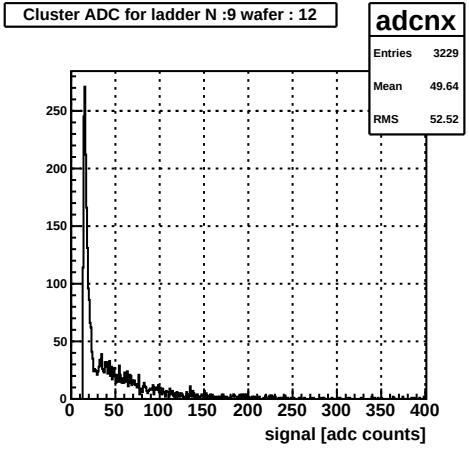

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2213
Mean 68.35
RMS 61.54
signal [adc counts]

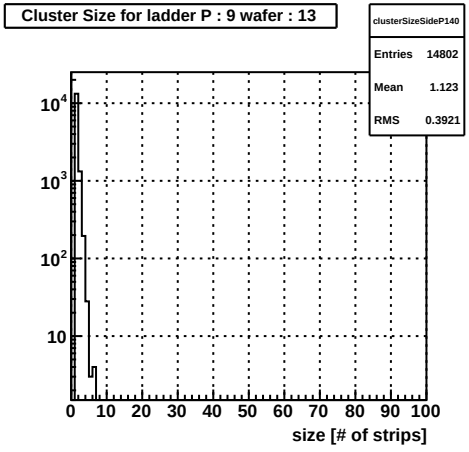

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4593
Mean 1.206
RMS 0.5229
size [# of strips]

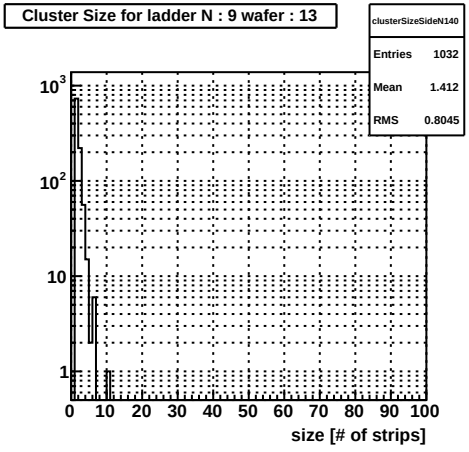

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3229
Mean 1.38
RMS 0.7136
size [# of strips]

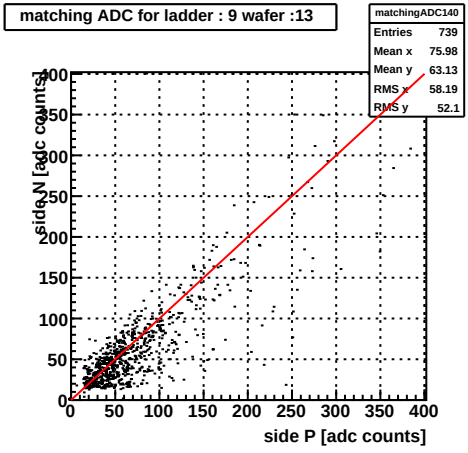

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1185
Mean x 73.09
Mean y 79.12
RMS x 57.89
RMS y 59.9
side N [adc counts]
side P [adc counts]

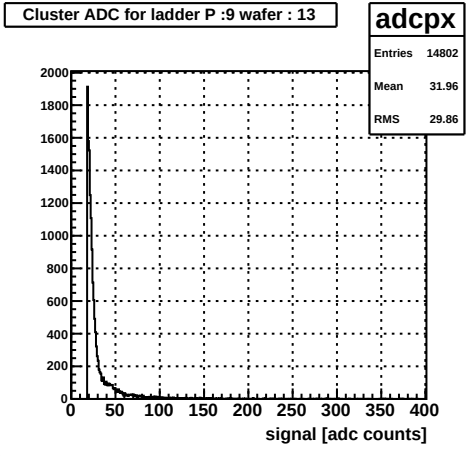

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4593
Mean 42.06
RMS 42.14
signal [adc counts]

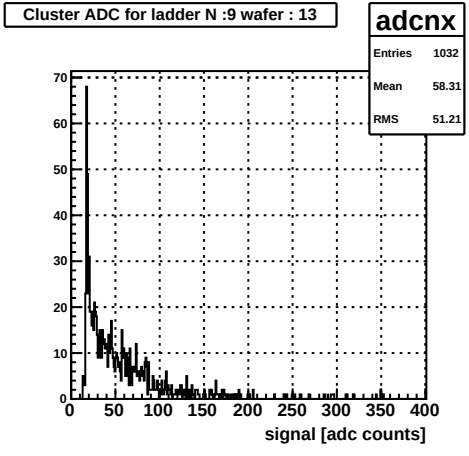

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3229
Mean 49.64
RMS 52.52
signal [adc counts]

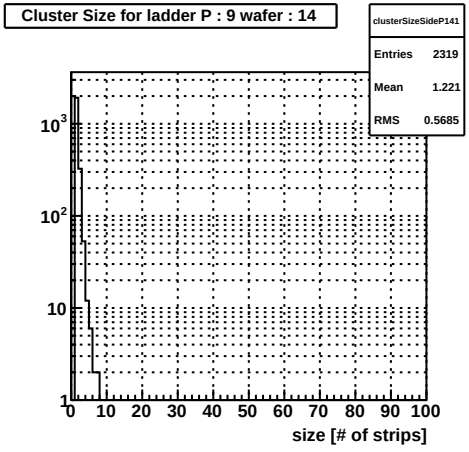

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14802
Mean 1.123
RMS 0.3921
size [# of strips]

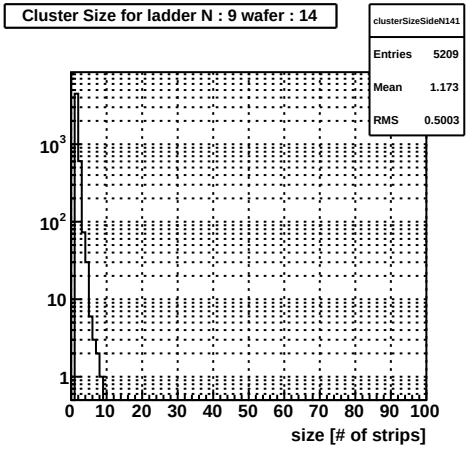

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1032
Mean 1.412
RMS 0.8045
size [# of strips]

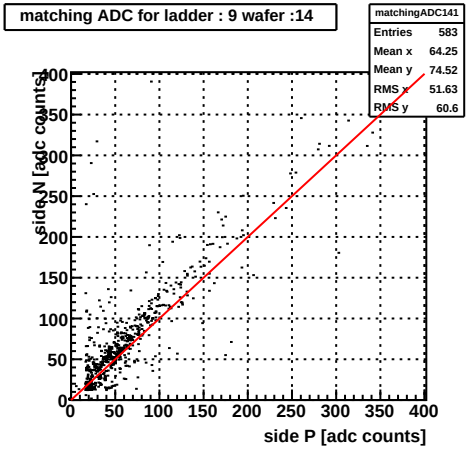

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 739
Mean x 75.98
Mean y 63.13
RMS x 58.19
RMS y 52.1
side N [adc counts]
side P [adc counts]

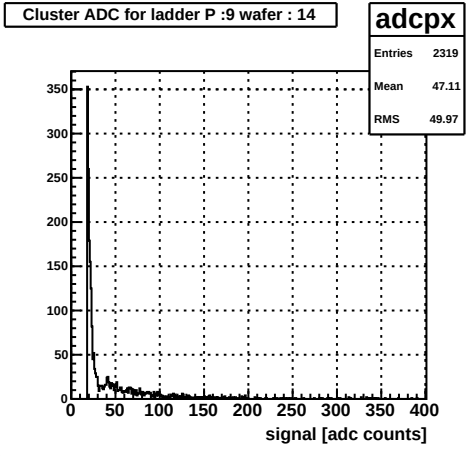

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14802
Mean 31.96
RMS 29.86
signal [adc counts]

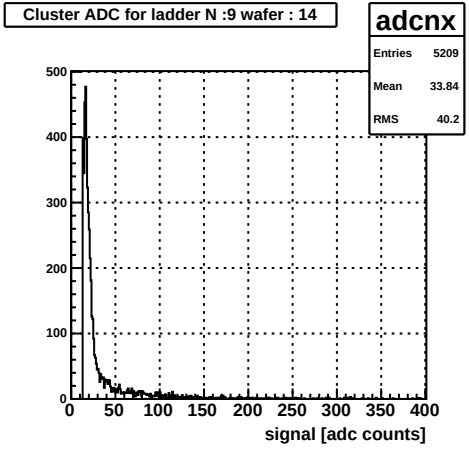

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1032
Mean 58.31
RMS 51.21
signal [adc counts]

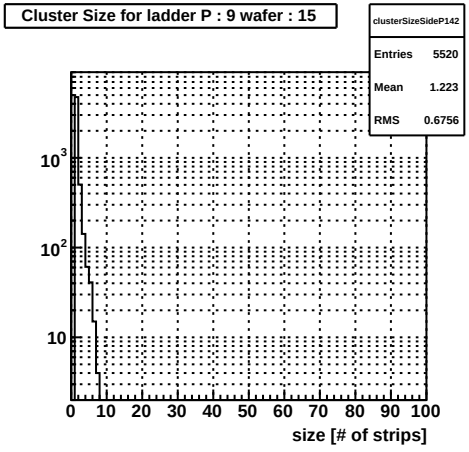

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2319
Mean 1.221
RMS 0.5685
size [# of strips]

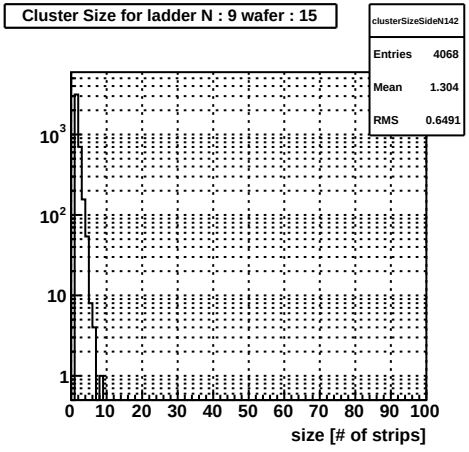

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5209
Mean 1.173
RMS 0.5003
size [# of strips]

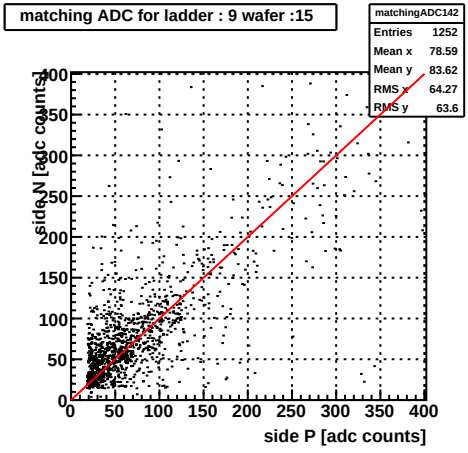

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 583
Mean x 64.25
Mean y 74.52
RMS x 51.63
RMS y 60.6
side N [adc counts]
side P [adc counts]

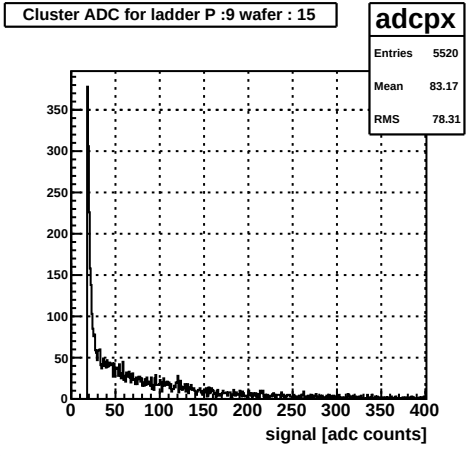

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2319
Mean 47.11
RMS 49.97
signal [adc counts]

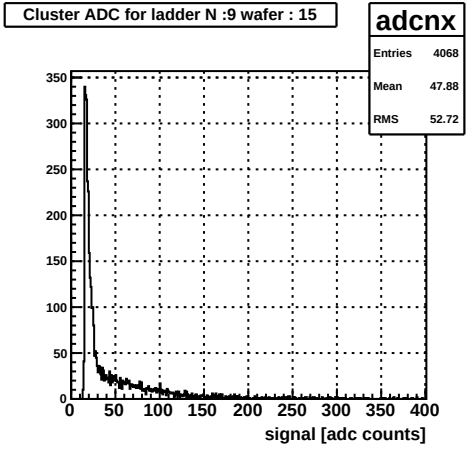

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5209
Mean 33.84
RMS 40.2
signal [adc counts]

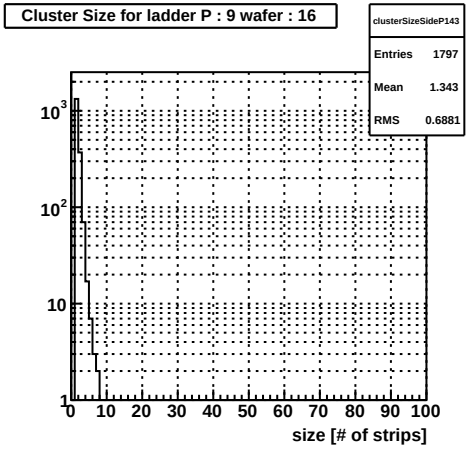

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5520
Mean 1.223
RMS 0.6756
size [# of strips]

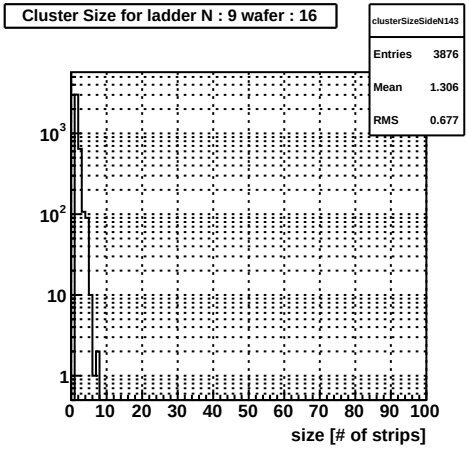

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4068
Mean 1.304
RMS 0.6491
size [# of strips]

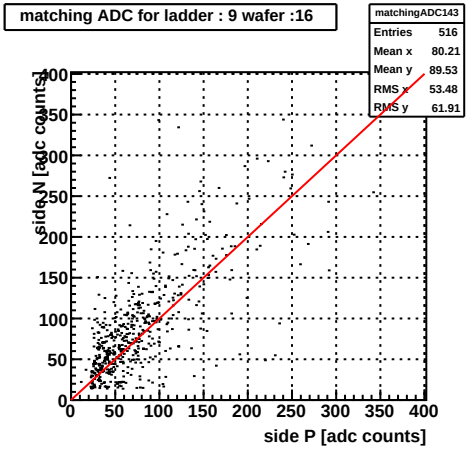

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1252
Mean x 78.59
Mean y 83.62
RMS x 64.27
RMS y 63.6
side N [adc counts]
side P [adc counts]

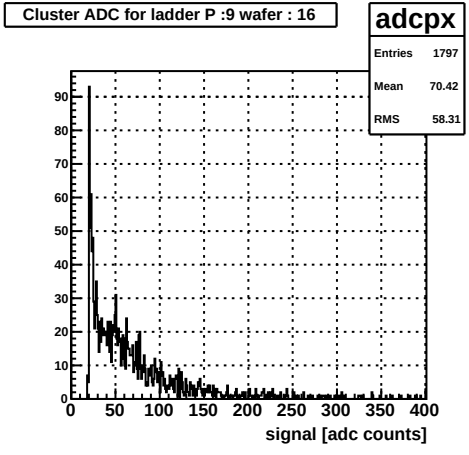

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5520
Mean 83.17
RMS 78.31
signal [adc counts]

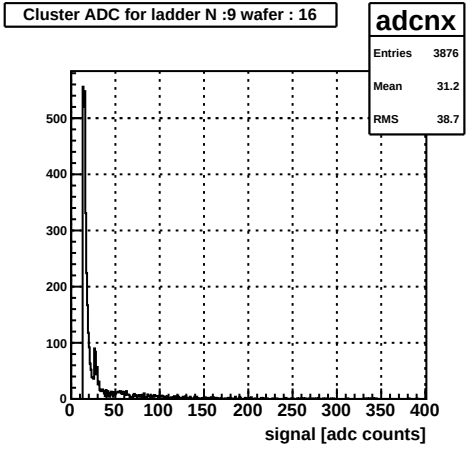

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4068
Mean 47.88
RMS 52.72
signal [adc counts]

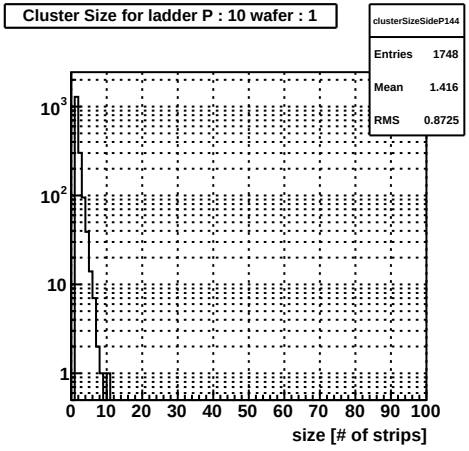

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1797
Mean 1.343
RMS 0.6881
size [# of strips]

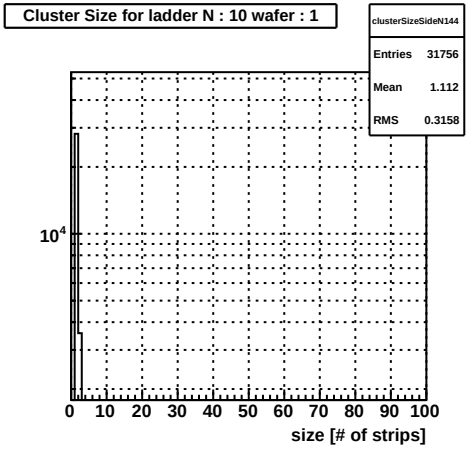

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3876
Mean 1.306
RMS 0.677
size [# of strips]

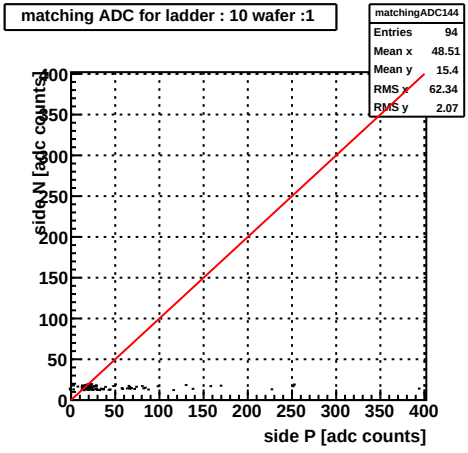

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 516
Mean x 80.21
Mean y 89.53
RMS x 53.48
RMS y 61.91
side N [adc counts]
side P [adc counts]

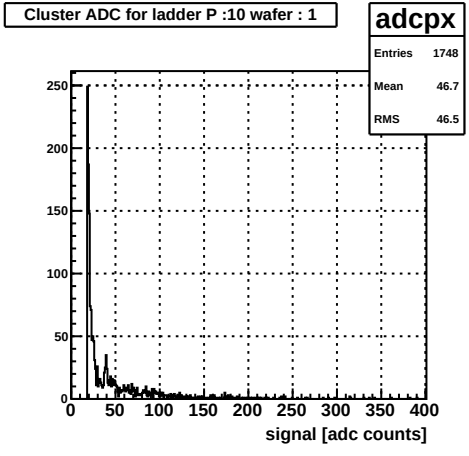

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1797
Mean 70.42
RMS 58.31
signal [adc counts]

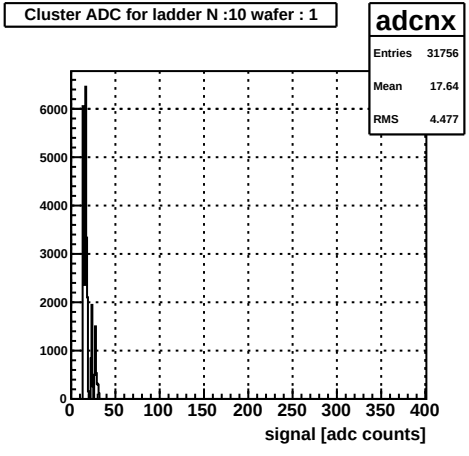

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3876
Mean 31.2
RMS 38.7
signal [adc counts]

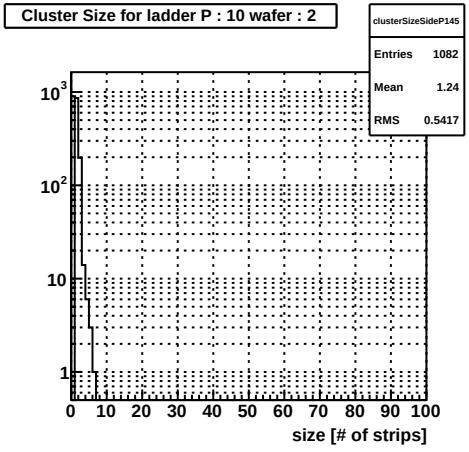

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1748
Mean 1.416
RMS 0.8725
size [# of strips]

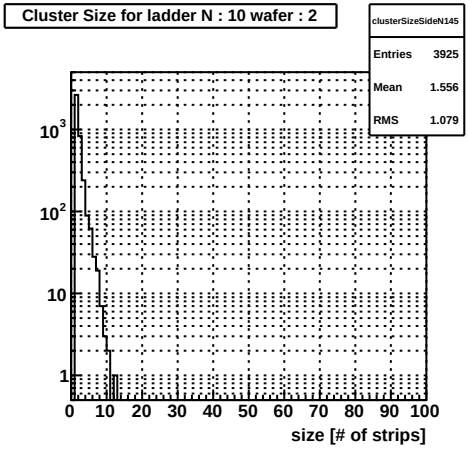

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 31756
Mean 1.112
RMS 0.3158
size [# of strips]

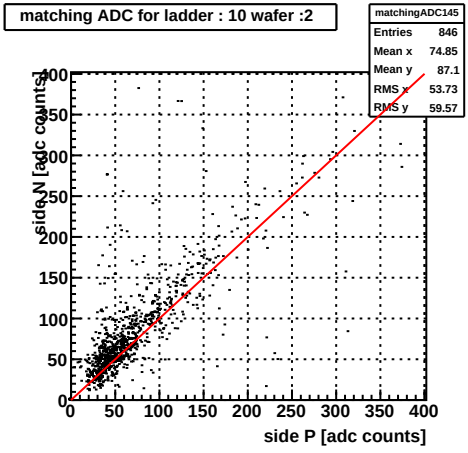

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 94
Mean x 48.51
Mean y 15.4
RMS x 62.34
RMS y 2.07
side N [adc counts]
side P [adc counts]

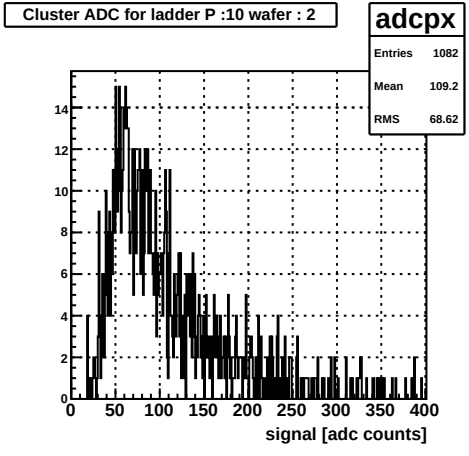

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1748
Mean 46.7
RMS 46.5
signal [adc counts]

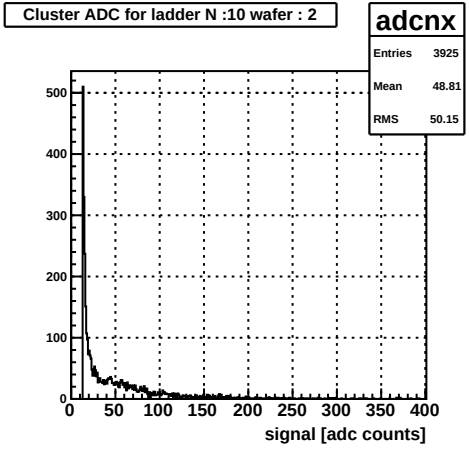

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 31756
Mean 17.64
RMS 4.477
signal [adc counts]

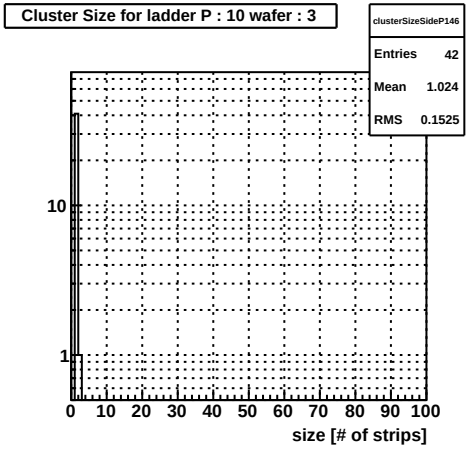

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1082
Mean 1.24
RMS 0.5417
size [# of strips]

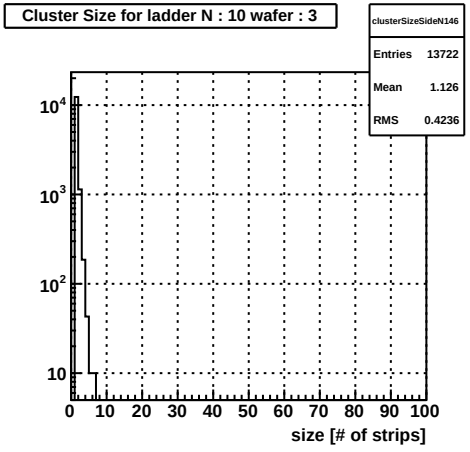

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3925
Mean 1.556
RMS 1.079
size [# of strips]

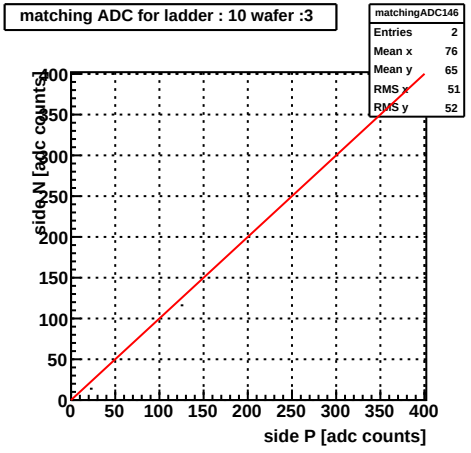

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 846
Mean x 74.85
Mean y 87.1
RMS x 53.73
RMS y 59.57
side N [adc counts]
side P [adc counts]

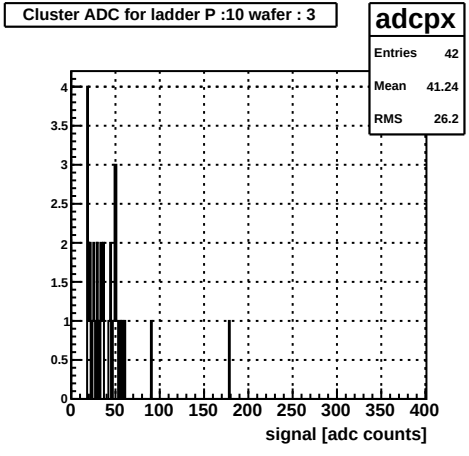

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1082
Mean 109.2
RMS 68.62
signal [adc counts]

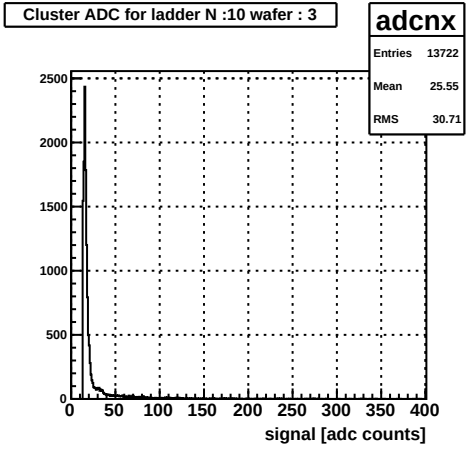

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3925
Mean 48.81
RMS 50.15
signal [adc counts]

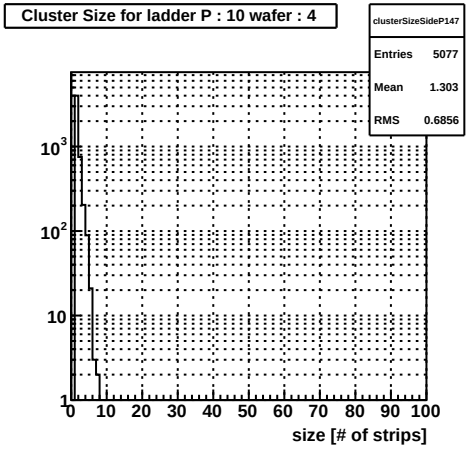

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 42
Mean 1.024
RMS 0.1525
size [# of strips]

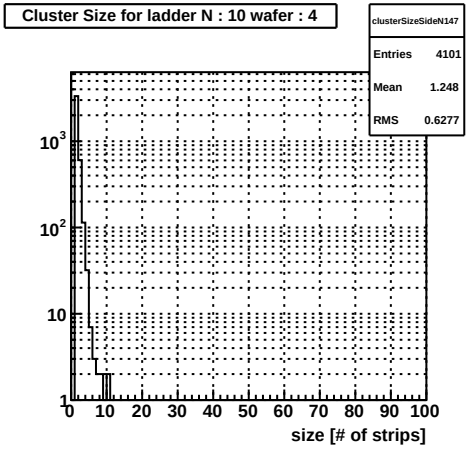

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13722
Mean 1.126
RMS 0.4236
size [# of strips]

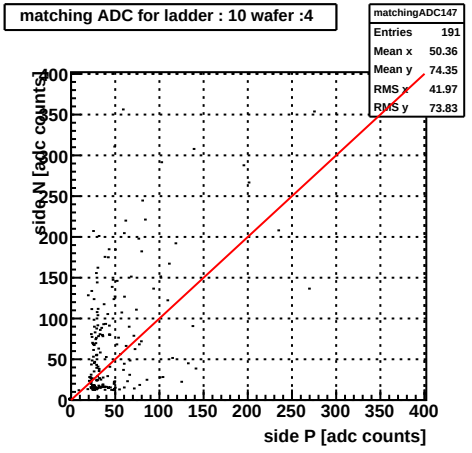

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 2
Mean x 76
Mean y 65
RMS x 51
RMS y 52
side N [adc counts]
side P [adc counts]

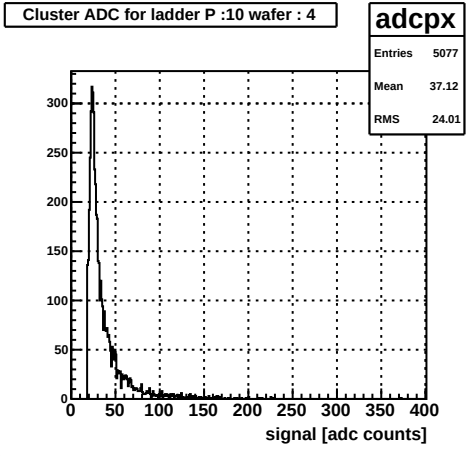

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 42
Mean 41.24
RMS 26.2
signal [adc counts]

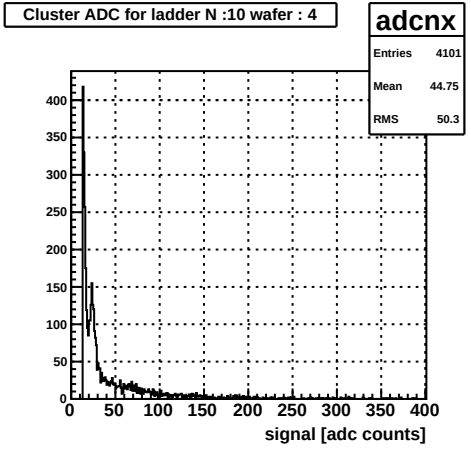

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13722
Mean 25.55
RMS 30.71
signal [adc counts]

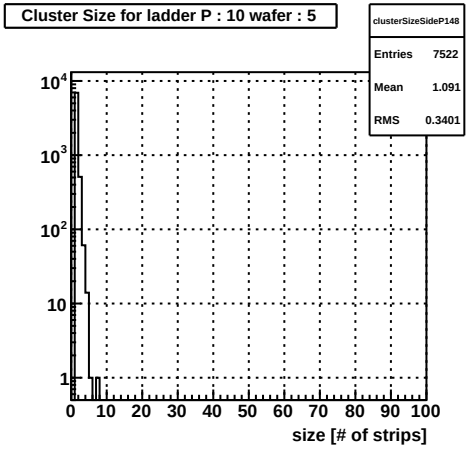

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5077
Mean 1.303
RMS 0.6856
size [# of strips]

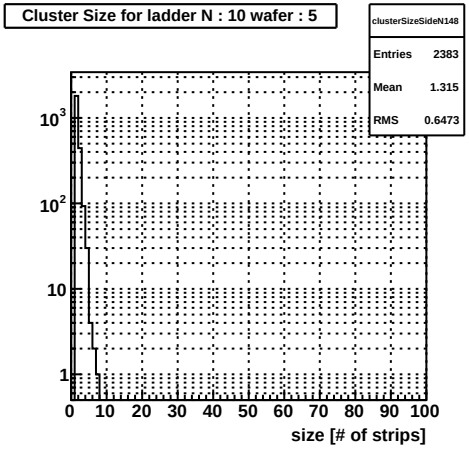

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 4101
Mean 1.248
RMS 0.6277
size [# of strips]

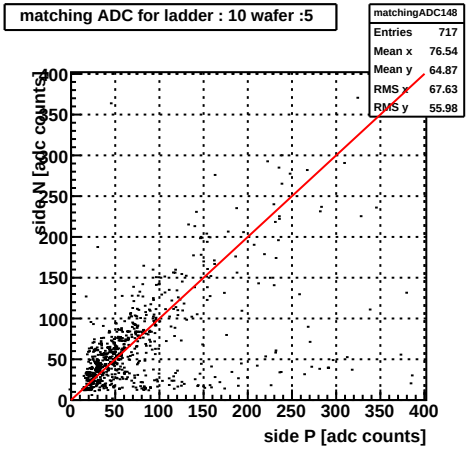

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 191
Mean x 50.36
Mean y 74.35
RMS x 41.97
RMS y 73.83
side N [adc counts]
side P [adc counts]

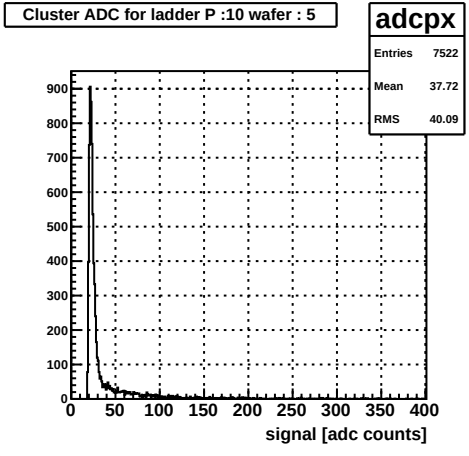

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5077
Mean 37.12
RMS 24.01
signal [adc counts]

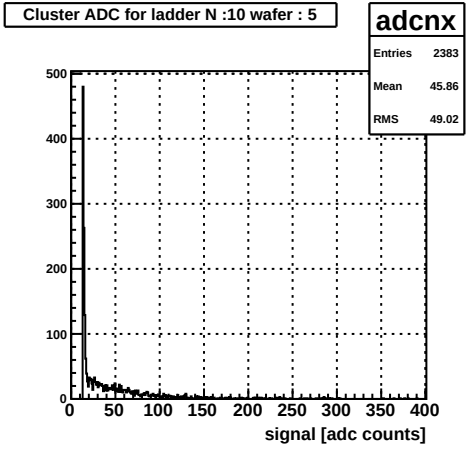

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 4101
Mean 44.75
RMS 50.3
signal [adc counts]

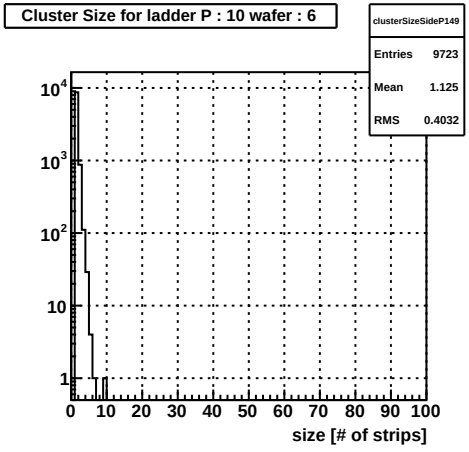

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7522
Mean 1.091
RMS 0.3401
size [# of strips]

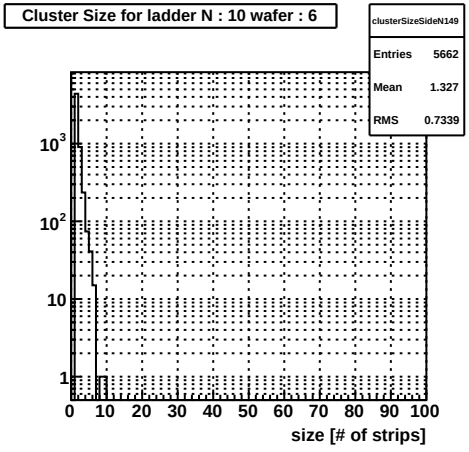

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2383
Mean 1.315
RMS 0.6473
size [# of strips]

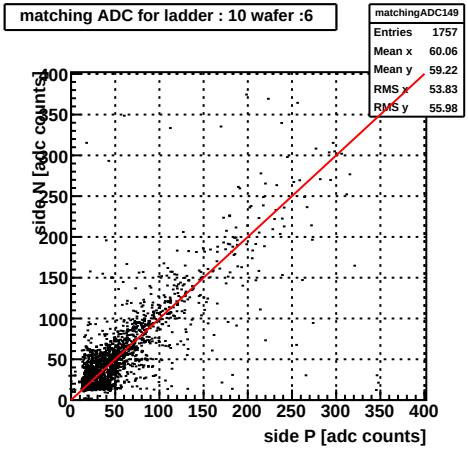

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 717
Mean x 76.54
Mean y 64.87
RMS x 67.63
RMS y 55.98
side N [adc counts]
side P [adc counts]

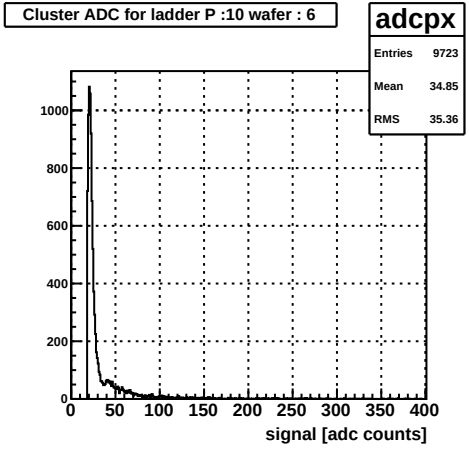

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7522
Mean 37.72
RMS 40.09
signal [adc counts]

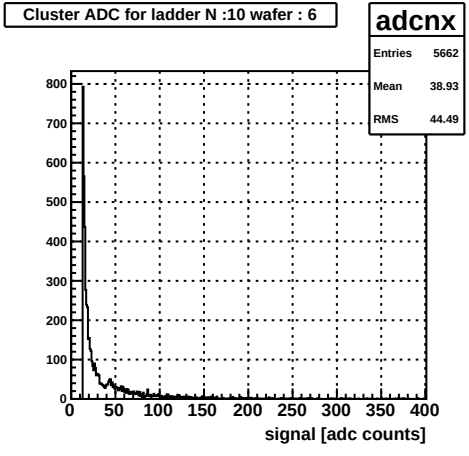

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2383
Mean 45.86
RMS 49.02
signal [adc counts]

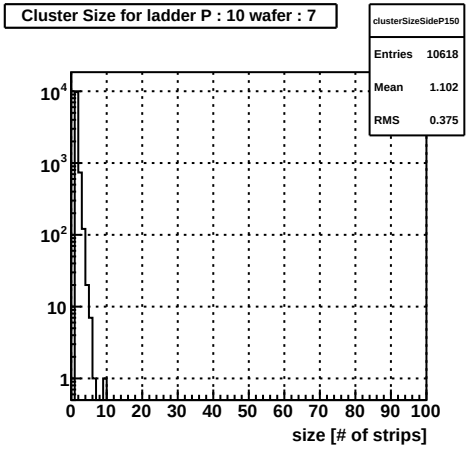

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9723
Mean 1.125
RMS 0.4032
size [# of strips]

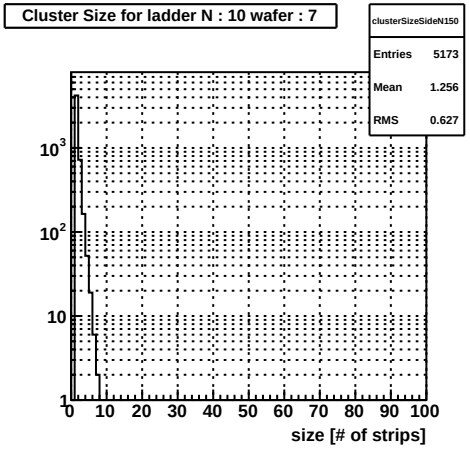

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5662
Mean 1.327
RMS 0.7339
size [# of strips]

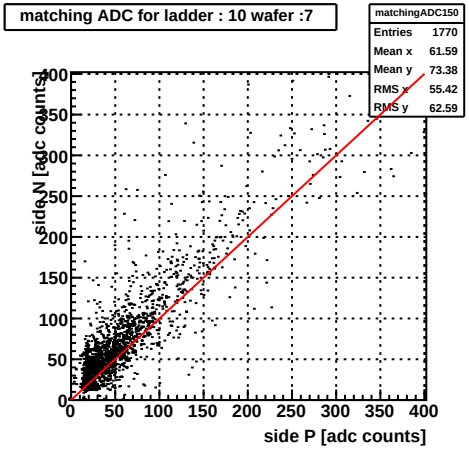

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1757
Mean x 60.06
Mean y 59.22
RMS x 53.83
RMS y 55.98
side N [adc counts]
side P [adc counts]

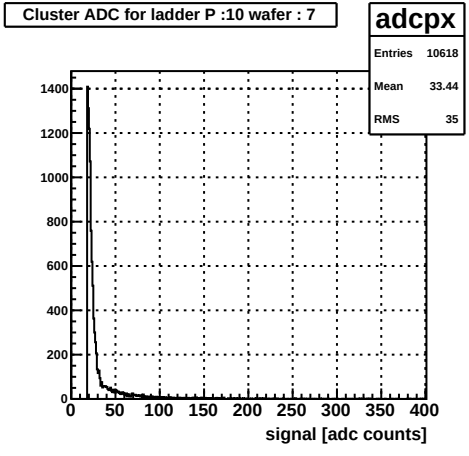

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9723
Mean 34.85
RMS 35.36
signal [adc counts]

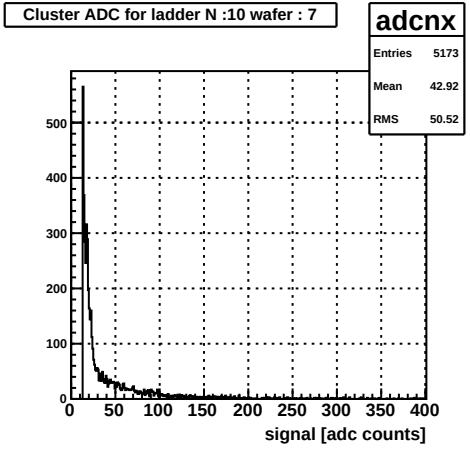

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5662
Mean 38.93
RMS 44.49
signal [adc counts]

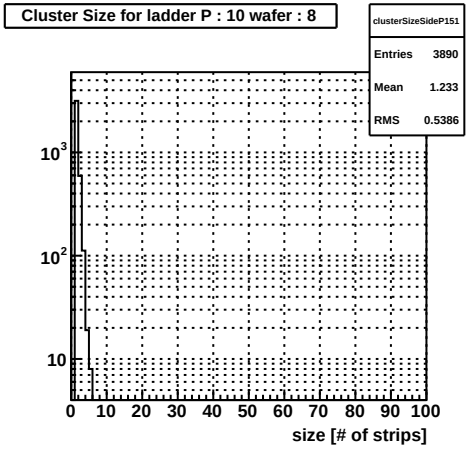

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10618
Mean 1.102
RMS 0.375
size [# of strips]

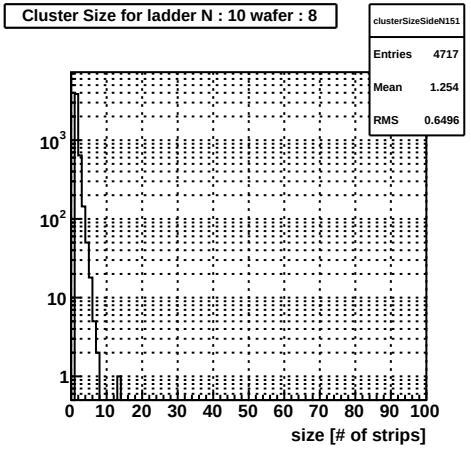

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5173
Mean 1.256
RMS 0.627
size [# of strips]

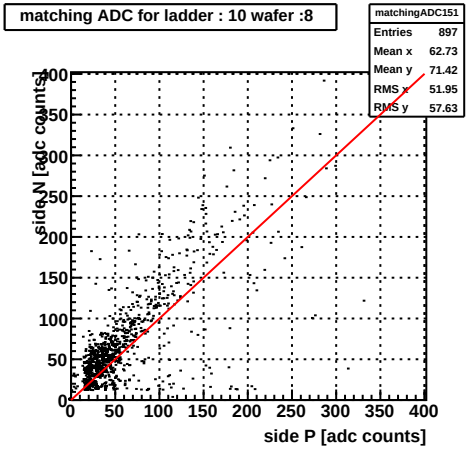

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1770
Mean x 61.59
Mean y 73.38
RMS x 55.42
RMS y 62.59
side N [adc counts]
side P [adc counts]

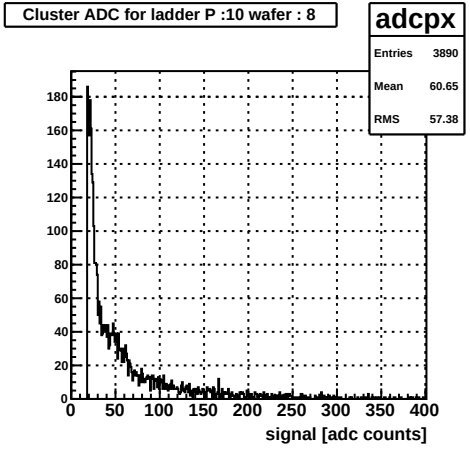

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10618
Mean 33.44
RMS 35
signal [adc counts]

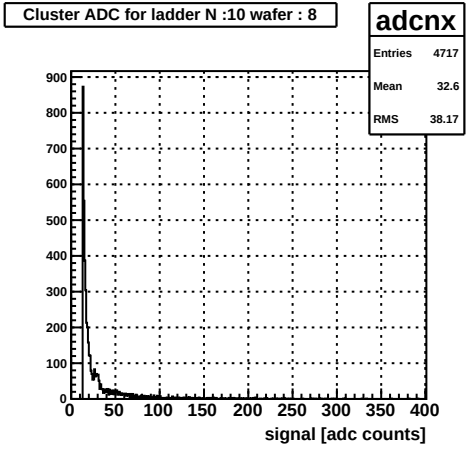

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5173
Mean 42.92
RMS 50.52
signal [adc counts]

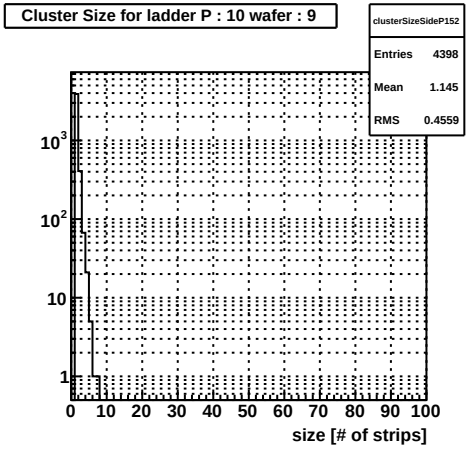

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3890
Mean 1.233
RMS 0.5386
size [# of strips]

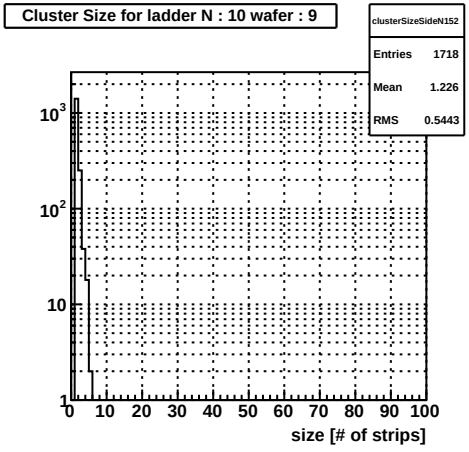

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4717
Mean 1.254
RMS 0.6496
size [# of strips]

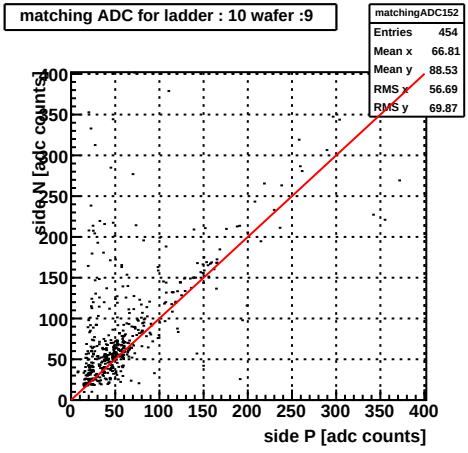

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 897
Mean x 62.73
Mean y 71.42
RMS x 51.95
RMS y 57.63
side N [adc counts]
side P [adc counts]

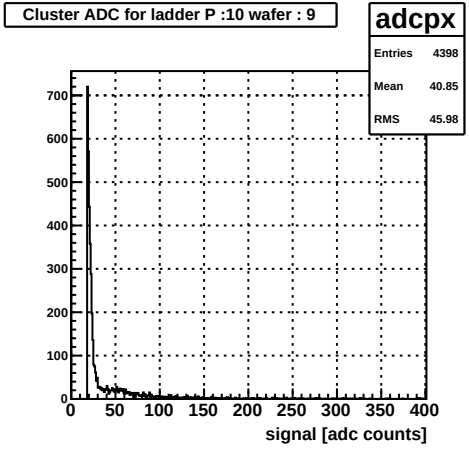

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3890
Mean 60.65
RMS 57.38
signal [adc counts]

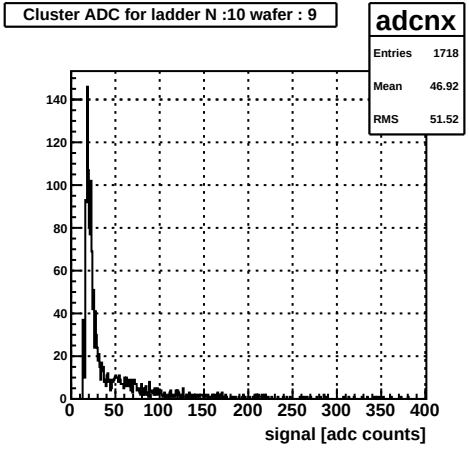

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4717
Mean 32.6
RMS 38.17
signal [adc counts]

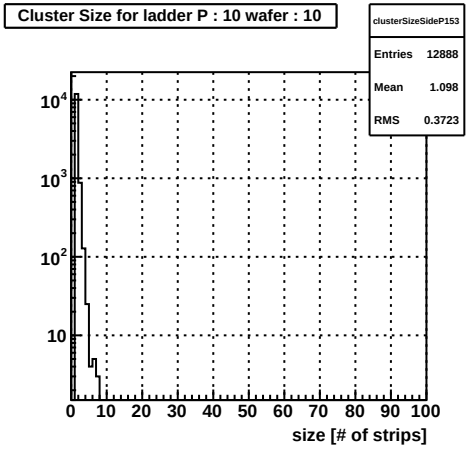

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4398
Mean 1.145
RMS 0.4559
size [# of strips]

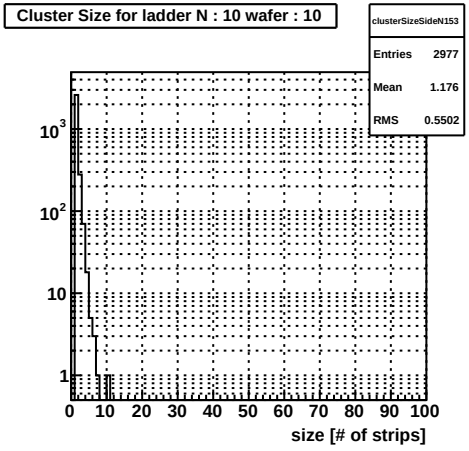

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1718
Mean 1.226
RMS 0.5443
size [# of strips]

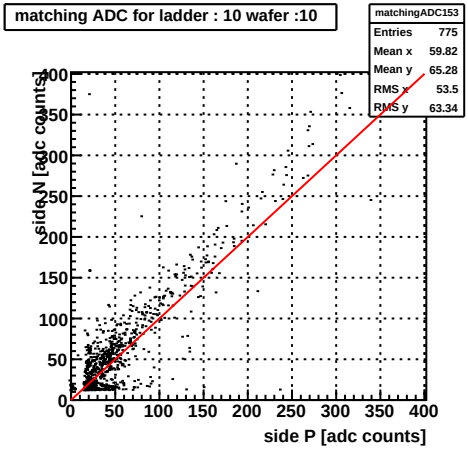

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 454
Mean x 66.81
Mean y 88.53
RMS x 56.69
RMS y 69.87
side N [adc counts]
side P [adc counts]

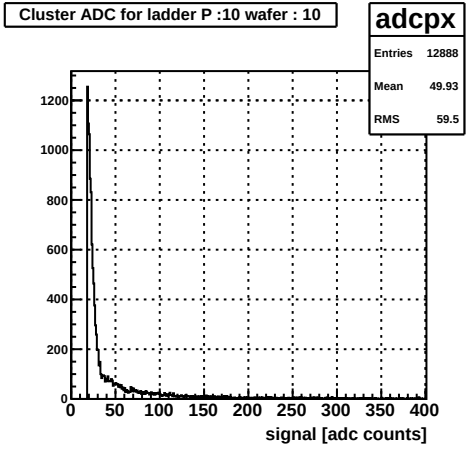

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4398
Mean 40.85
RMS 45.98
signal [adc counts]

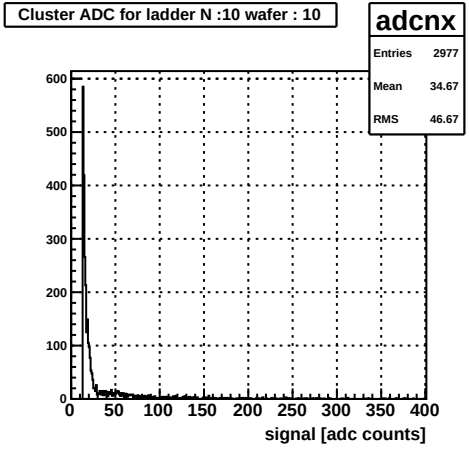

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1718
Mean 46.92
RMS 51.52
signal [adc counts]

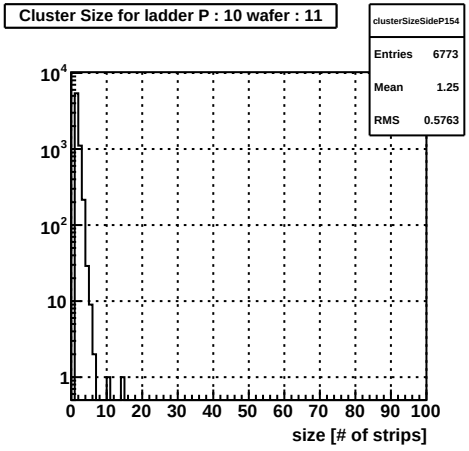

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12888
Mean 1.098
RMS 0.3723
size [# of strips]

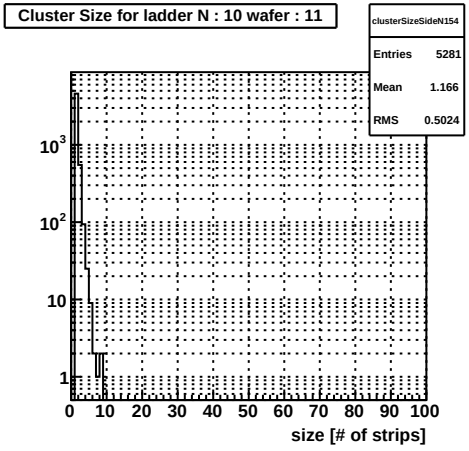

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2977
Mean 1.176
RMS 0.5502
size [# of strips]

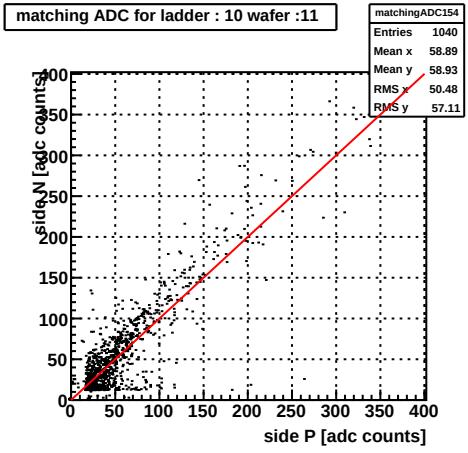

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 775
Mean x 59.82
Mean y 65.28
RMS x 53.5
RMS y 63.34
side N [adc counts]
side P [adc counts]

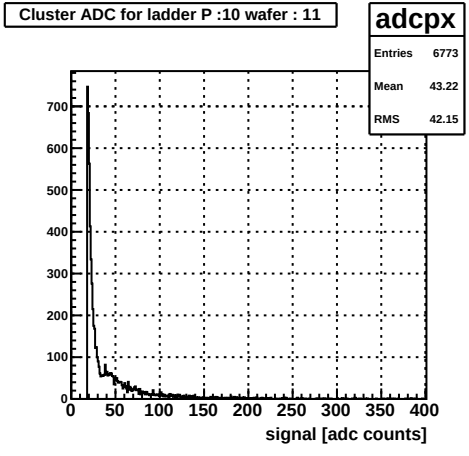

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12888
Mean 49.93
RMS 59.5
signal [adc counts]

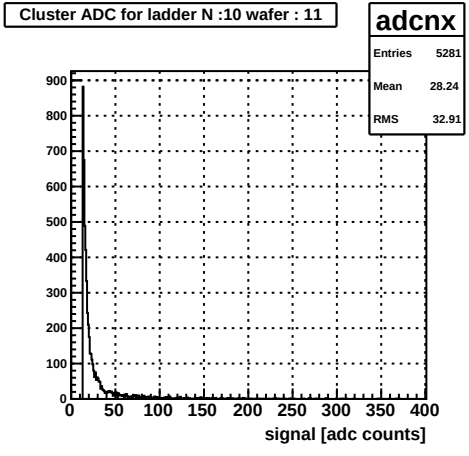

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2977
Mean 34.67
RMS 46.67
signal [adc counts]

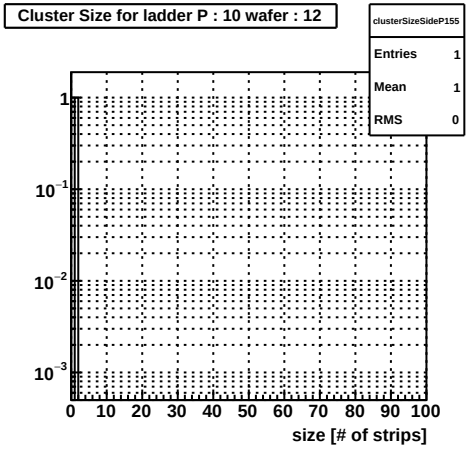

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6773
Mean 1.25
RMS 0.5763
size [# of strips]

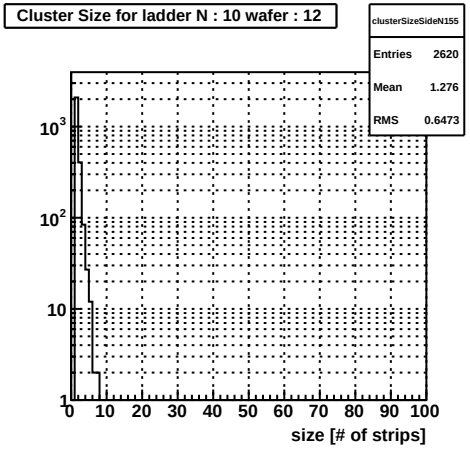

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5281
Mean 1.166
RMS 0.5024
size [# of strips]

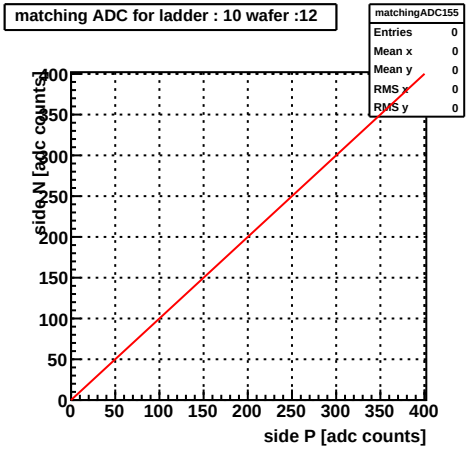

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1040
Mean x 58.89
Mean y 58.93
RMS x 50.48
RMS y 57.11
side N [adc counts]
side P [adc counts]

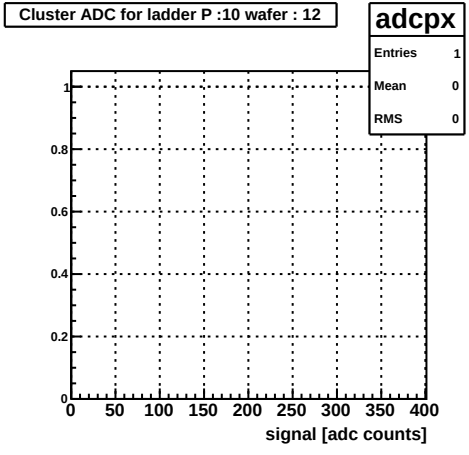

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6773
Mean 43.22
RMS 42.15
signal [adc counts]

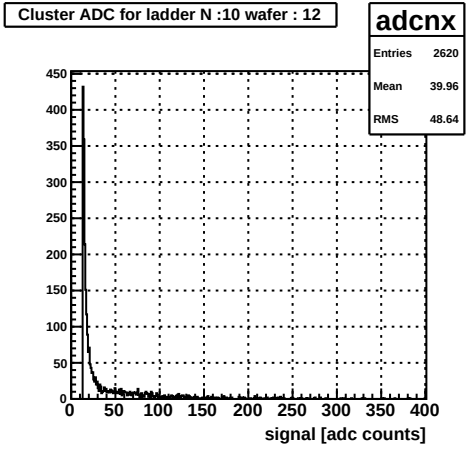

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5281
Mean 28.24
RMS 32.91
signal [adc counts]

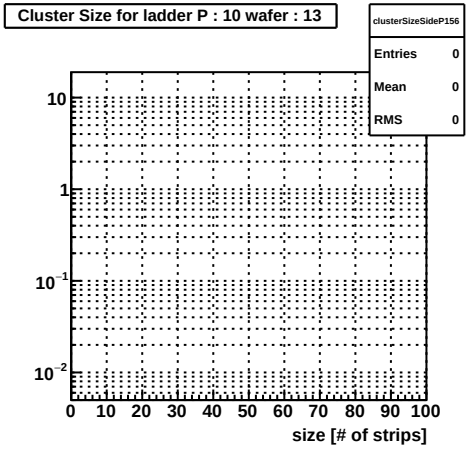

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

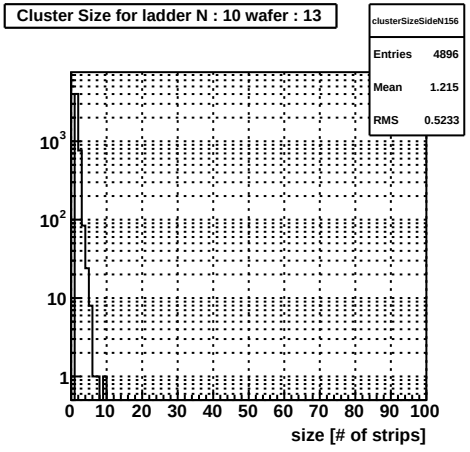

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2620
Mean 1.276
RMS 0.6473
size [# of strips]

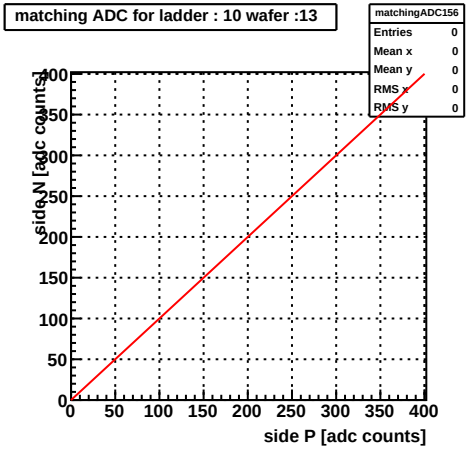

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

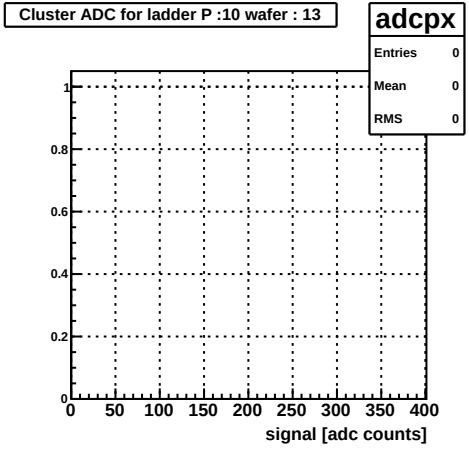

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

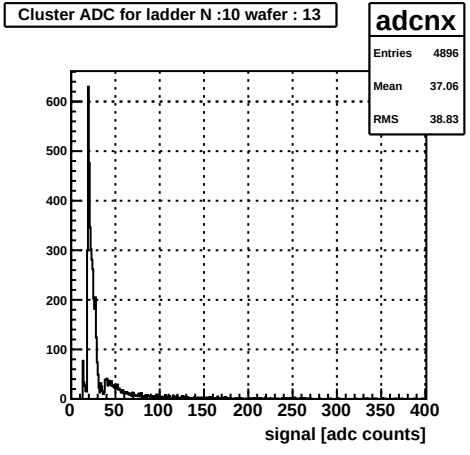

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2620
Mean 39.96
RMS 48.64
signal [adc counts]

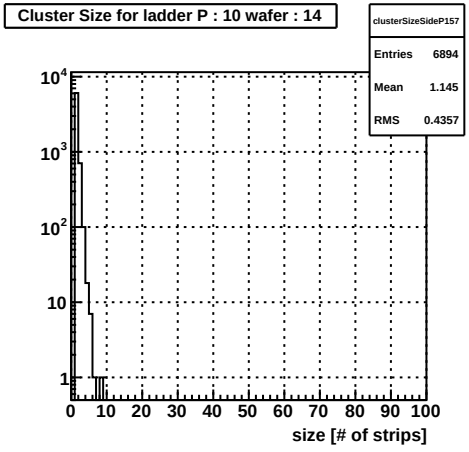

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

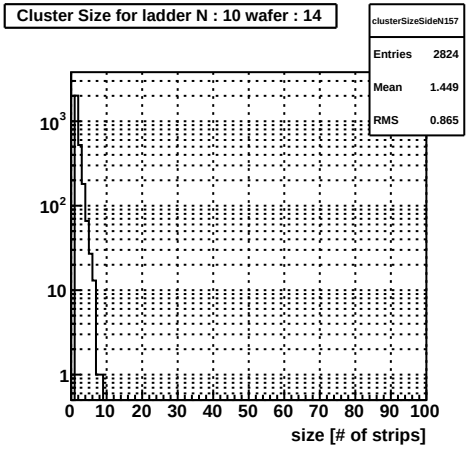

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4896
Mean 1.215
RMS 0.5233
size [# of strips]

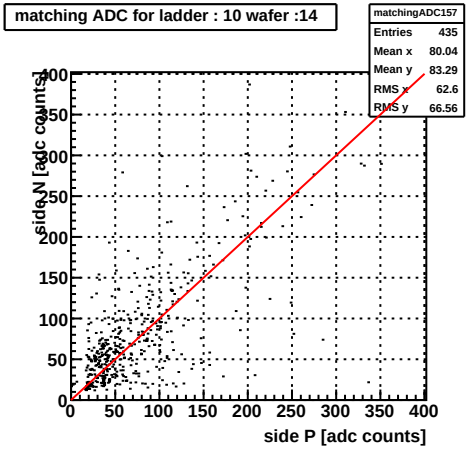

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

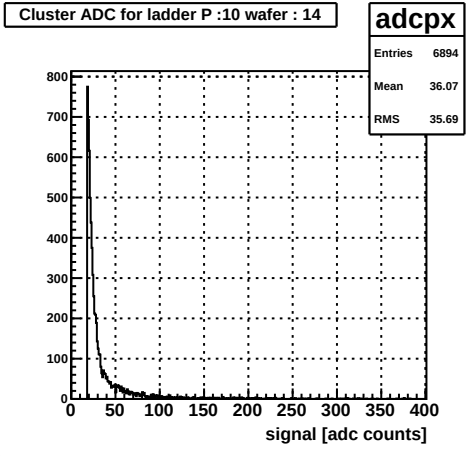

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

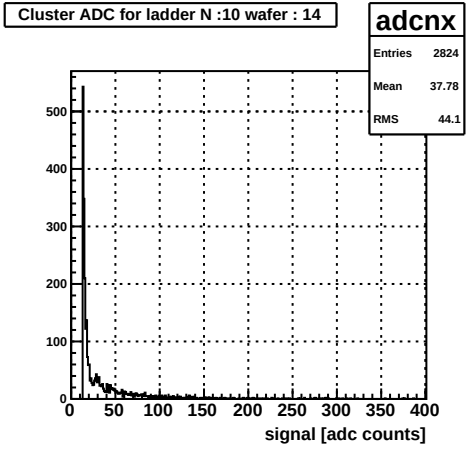

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4896
Mean 37.06
RMS 38.83
signal [adc counts]

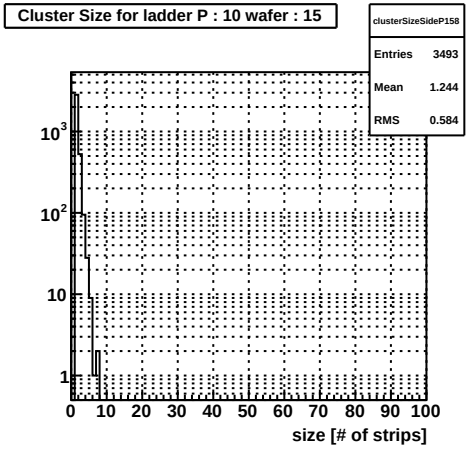

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6894
Mean 1.145
RMS 0.4357
size [# of strips]

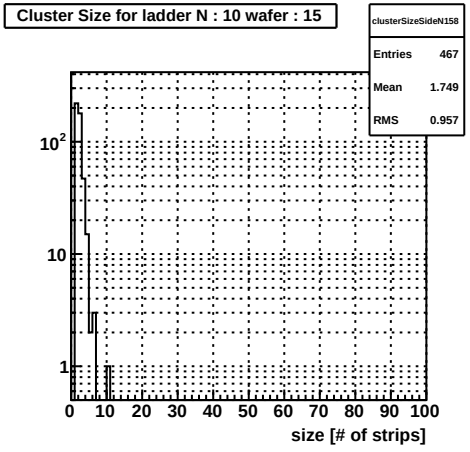

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2824
Mean 1.449
RMS 0.865
size [# of strips]

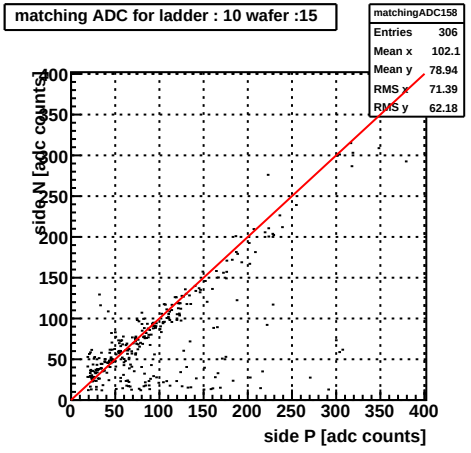

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 435
Mean x 80.04
Mean y 83.29
RMS x 62.6
RMS y 66.56
side N [adc counts]
side P [adc counts]

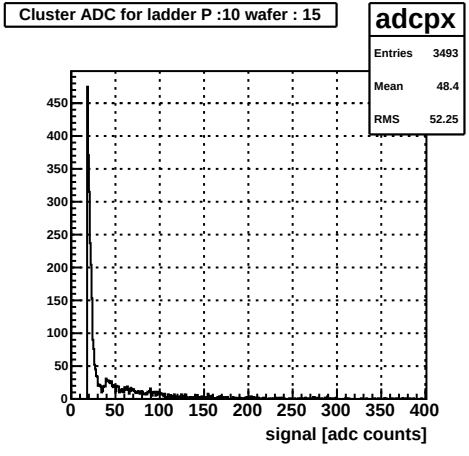

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6894
Mean 36.07
RMS 35.69
signal [adc counts]

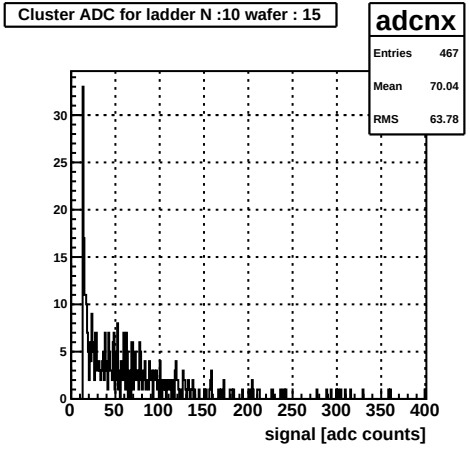

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2824
Mean 37.78
RMS 44.1
signal [adc counts]

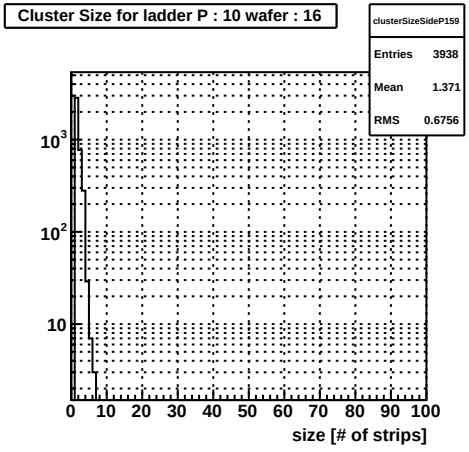

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3493
Mean 1.244
RMS 0.584
size [# of strips]

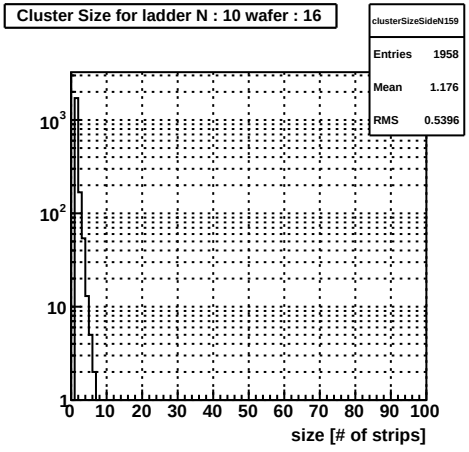

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 467
Mean 1.749
RMS 0.957
size [# of strips]

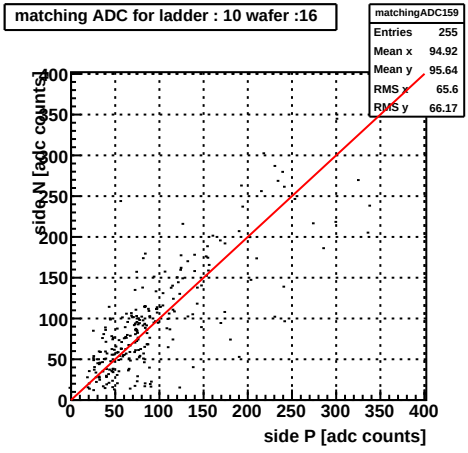

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 306
Mean x 102.1
Mean y 78.94
RMS x 71.39
RMS y 62.18
side N [adc counts]
side P [adc counts]

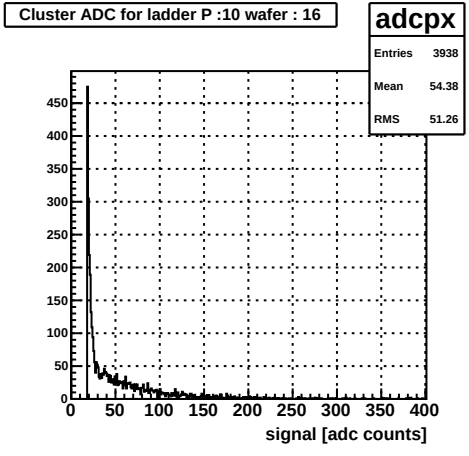

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3493
Mean 48.4
RMS 52.25
signal [adc counts]

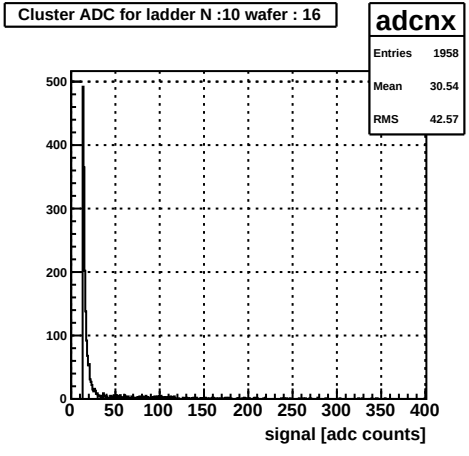

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 467
Mean 70.04
RMS 63.78
signal [adc counts]

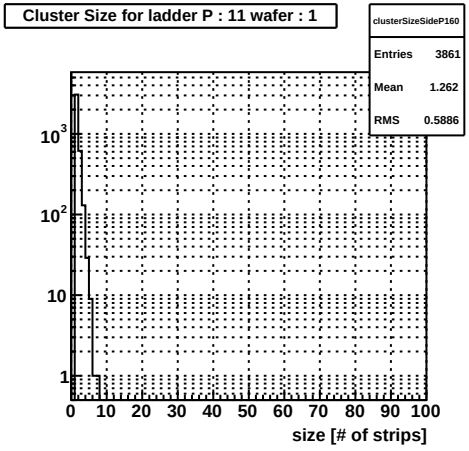

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3938
Mean 1.371
RMS 0.6756
size [# of strips]

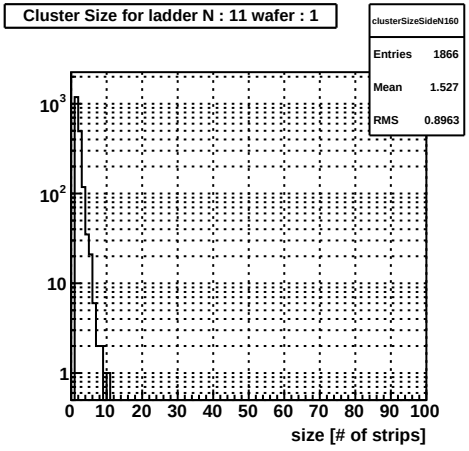

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1958
Mean 1.176
RMS 0.5396
size [# of strips]

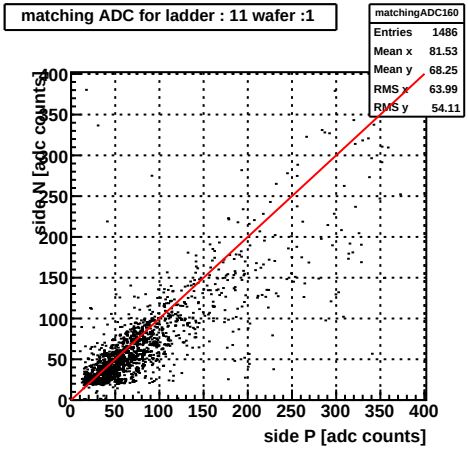

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 255
Mean x 94.92
Mean y 95.64
RMS x 65.6
RMS y 66.17
side N [adc counts]
side P [adc counts]

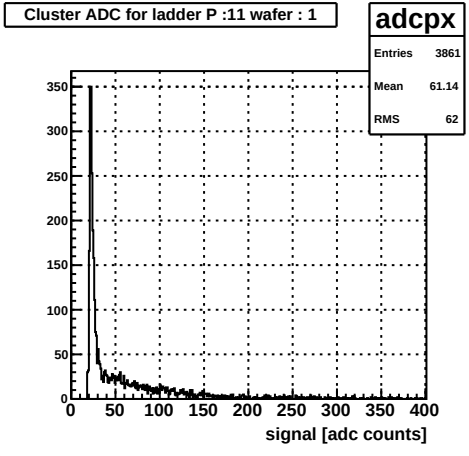

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3938
Mean 54.38
RMS 51.26
signal [adc counts]

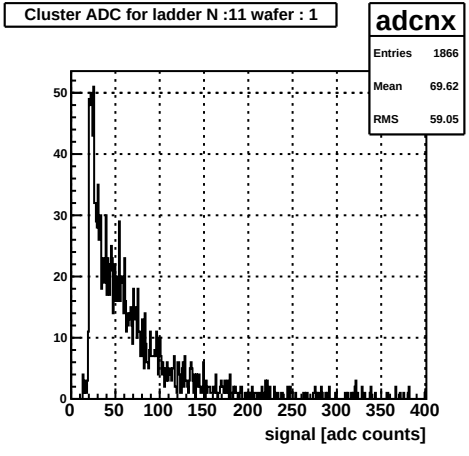

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1958
Mean 30.54
RMS 42.57
signal [adc counts]

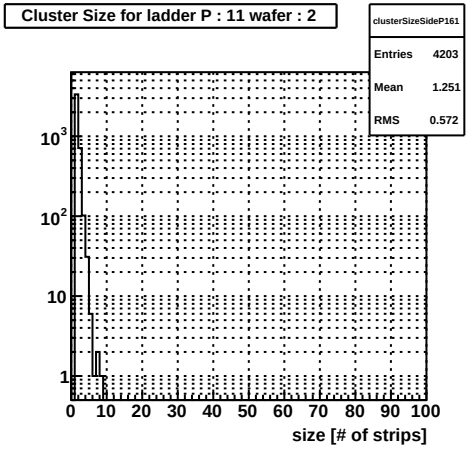

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3861
Mean 1.262
RMS 0.5886
size [# of strips]

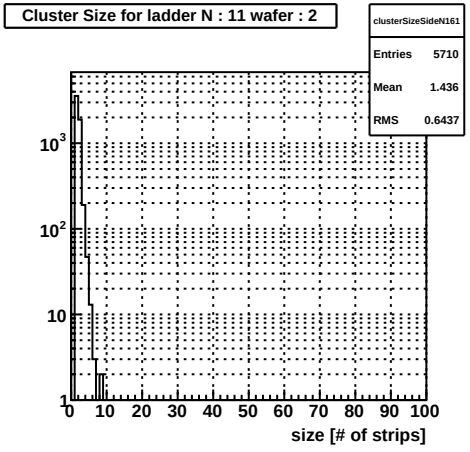

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1866
Mean 1.527
RMS 0.8963
size [# of strips]

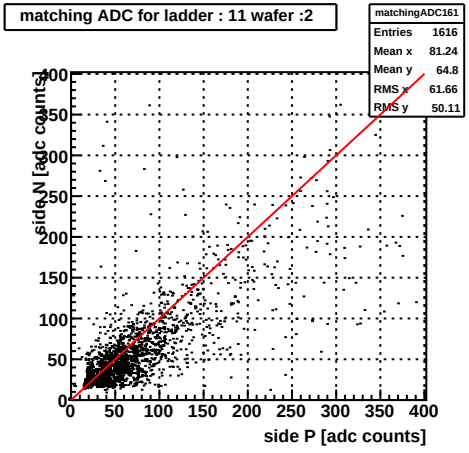

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1486
Mean x 81.53
Mean y 68.25
RMS x 63.99
RMS y 54.11
side N [adc counts]
side P [adc counts]

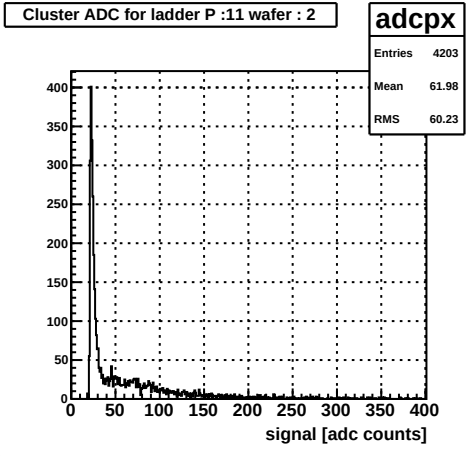

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3861
Mean 61.14
RMS 62
signal [adc counts]

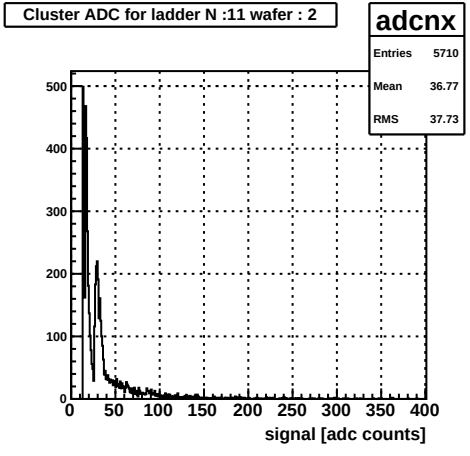

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1866
Mean 69.62
RMS 59.05
signal [adc counts]

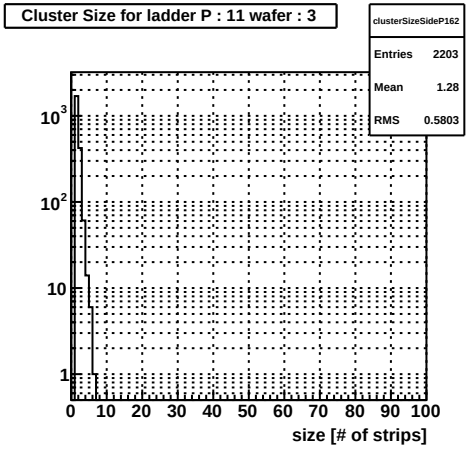

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4203
Mean 1.251
RMS 0.572
size [# of strips]

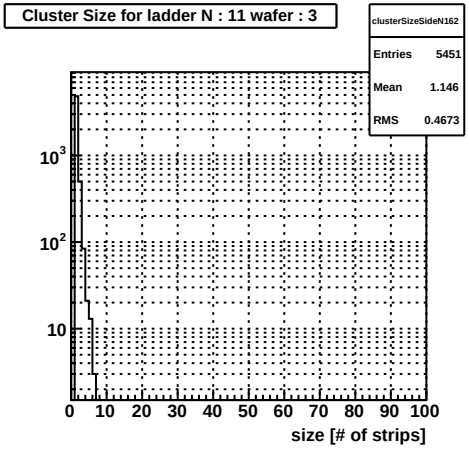

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5710
Mean 1.436
RMS 0.6437
size [# of strips]

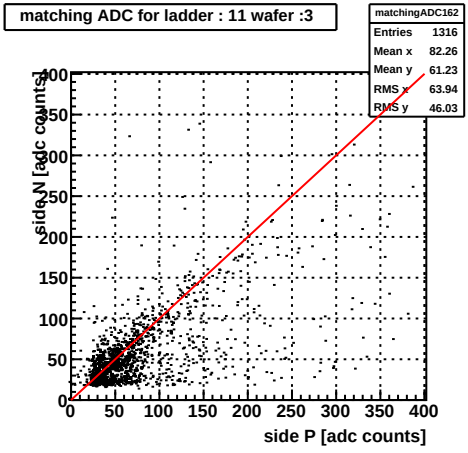

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1616
Mean x 81.24
Mean y 64.8
RMS x 61.66
RMS y 50.11
side N [adc counts]
side P [adc counts]

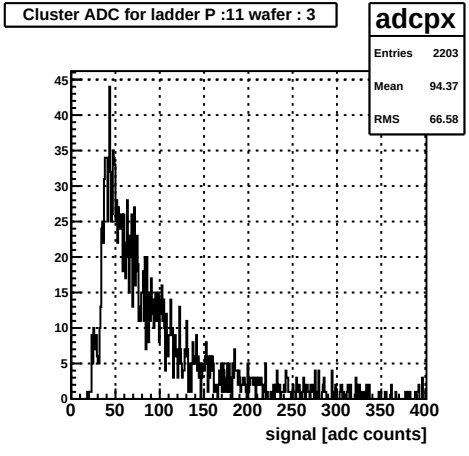

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4203
Mean 61.98
RMS 60.23
signal [adc counts]

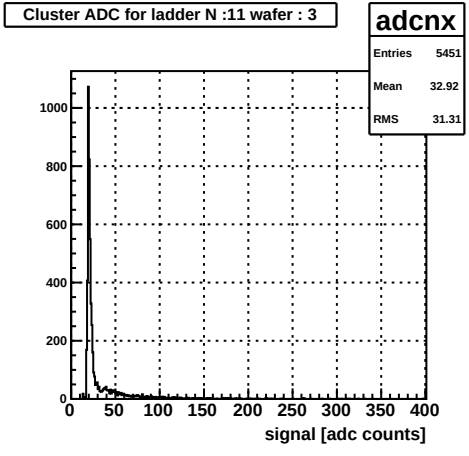

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5710
Mean 36.77
RMS 37.73
signal [adc counts]

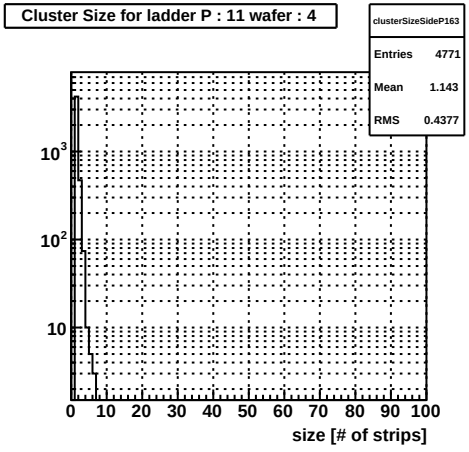

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2203
Mean 1.28
RMS 0.5803
size [# of strips]

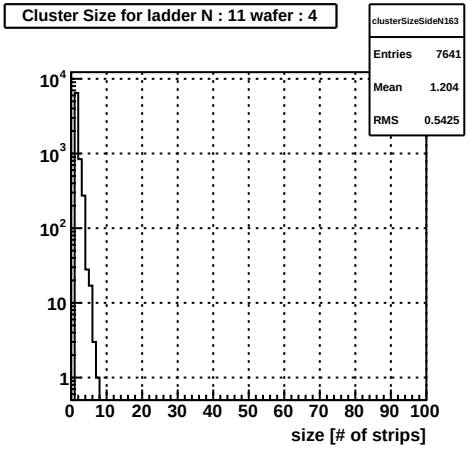

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5451
Mean 1.146
RMS 0.4673
size [# of strips]

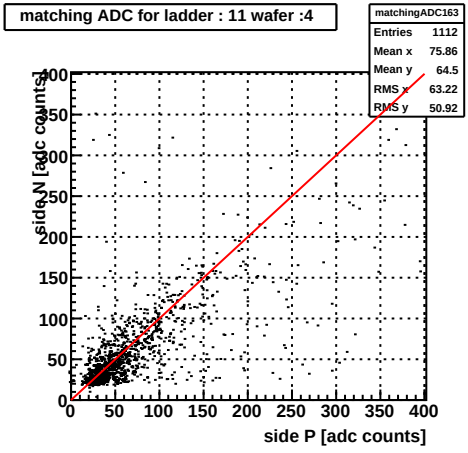

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1316
Mean x 82.26
Mean y 61.23
RMS x 63.94
RMS y 46.03
side N [adc counts]
side P [adc counts]

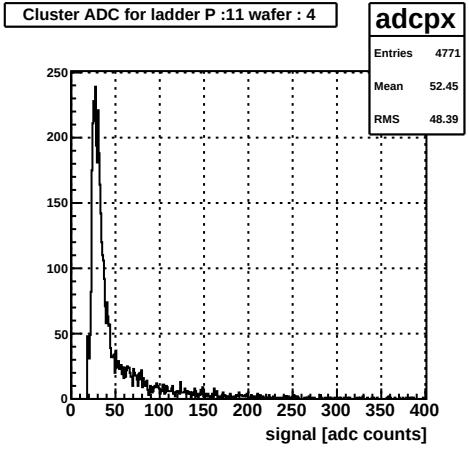

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2203
Mean 94.37
RMS 66.58
signal [adc counts]

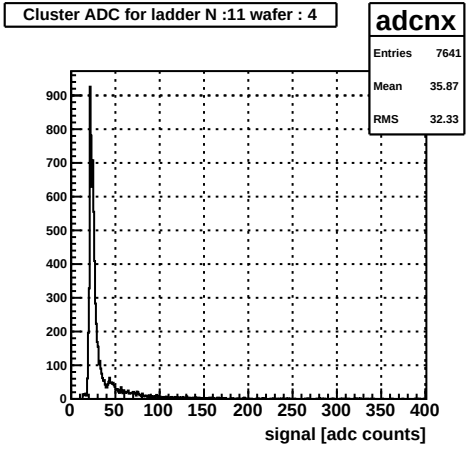

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5451
Mean 32.92
RMS 31.31
signal [adc counts]

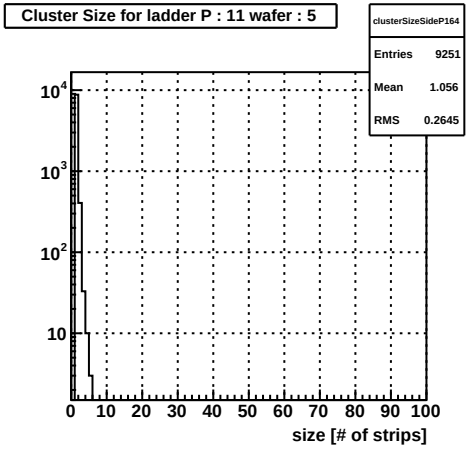

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4771
Mean 1.143
RMS 0.4377
size [# of strips]

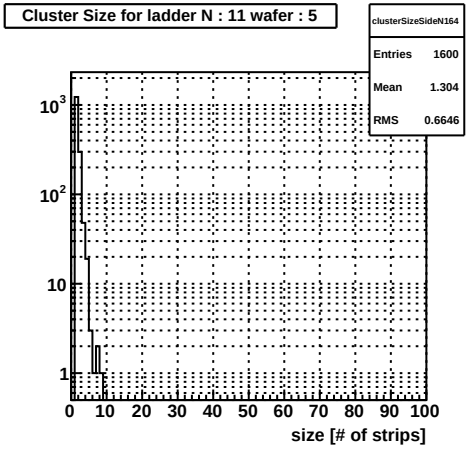

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7641
Mean 1.204
RMS 0.5425
size [# of strips]

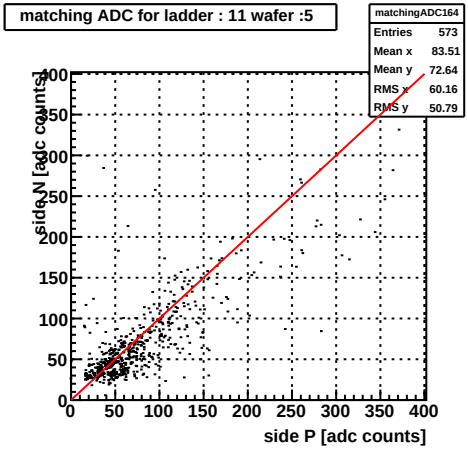

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1112
Mean x 75.86
Mean y 64.5
RMS x 63.22
RMS y 50.92
side N [adc counts]
side P [adc counts]

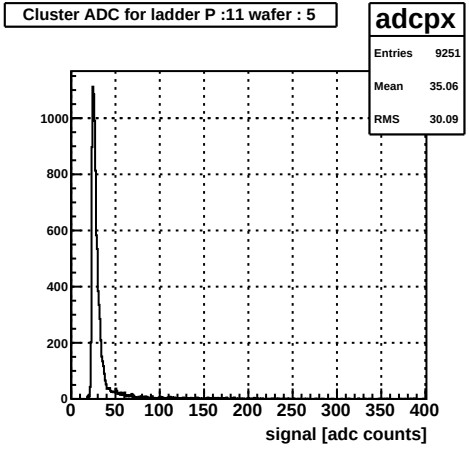

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4771
Mean 52.45
RMS 48.39
signal [adc counts]

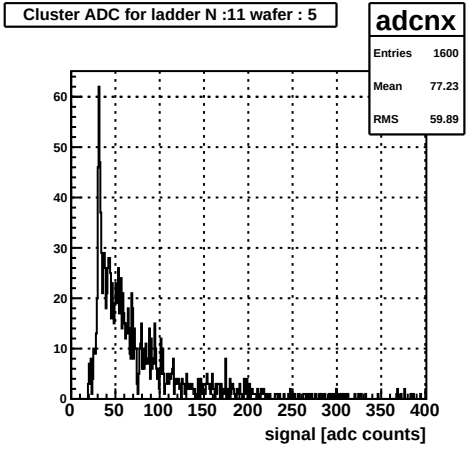

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7641
Mean 35.87
RMS 32.33
signal [adc counts]

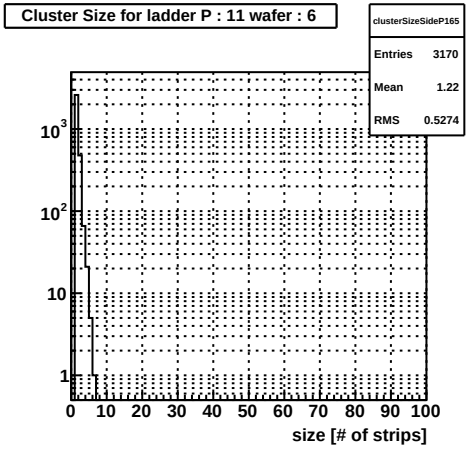

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 9251
Mean 1.056
RMS 0.2645
size [# of strips]

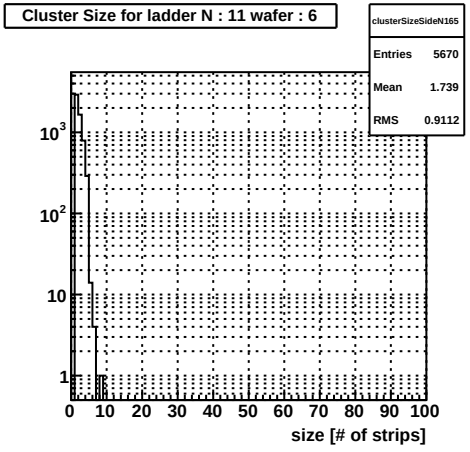

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1600
Mean 1.304
RMS 0.6646
size [# of strips]

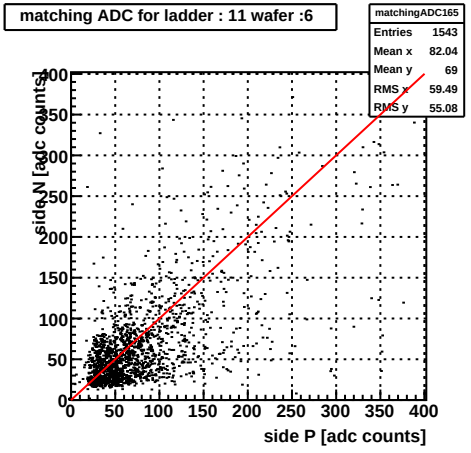

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 573
Mean x 83.51
Mean y 72.64
RMS x 60.16
RMS y 50.79
side N [adc counts]
side P [adc counts]

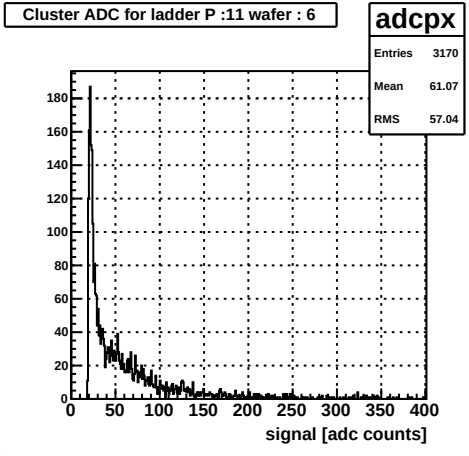

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 9251
Mean 35.06
RMS 30.09
signal [adc counts]

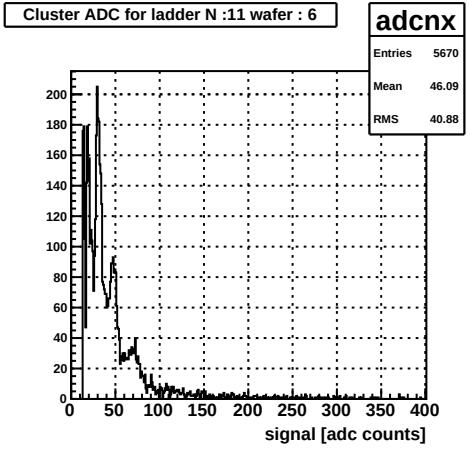

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1600
Mean 77.23
RMS 59.89
signal [adc counts]

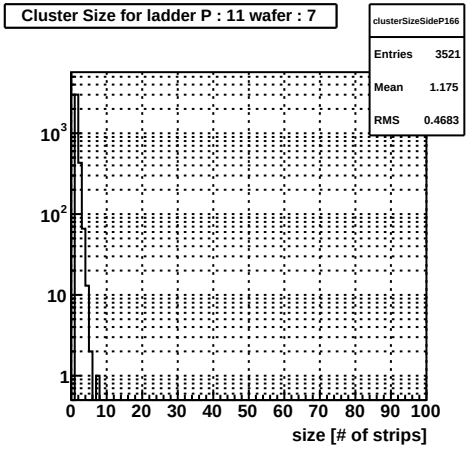

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3170
Mean 1.22
RMS 0.5274
size [# of strips]

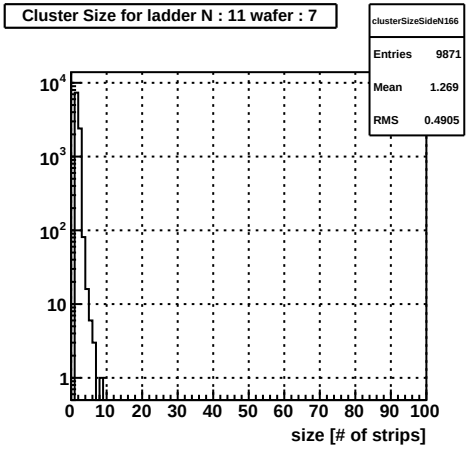

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5670
Mean 1.739
RMS 0.9112
size [# of strips]

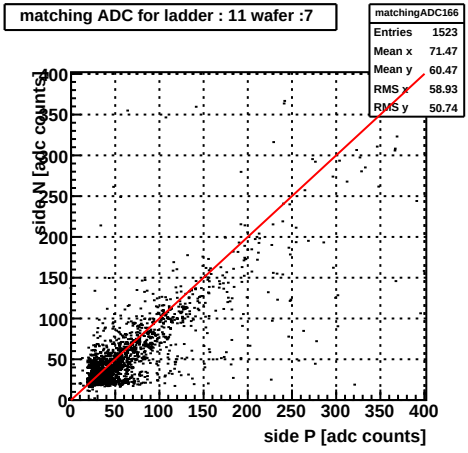

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1543
Mean x 82.04
Mean y 69
RMS x 59.49
RMS y 55.08
side N [adc counts]
side P [adc counts]

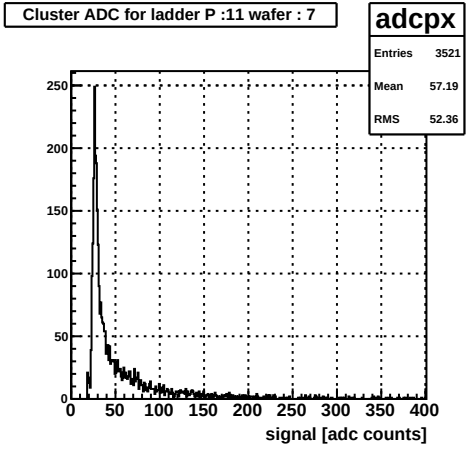

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3170
Mean 61.07
RMS 57.04
signal [adc counts]

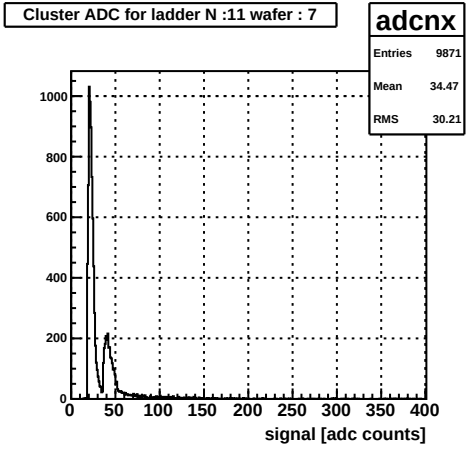

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5670
Mean 46.09
RMS 40.88
signal [adc counts]

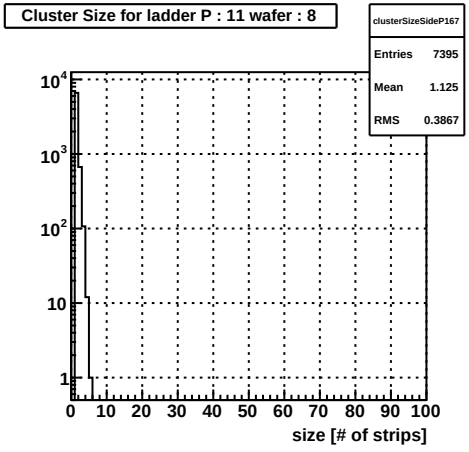

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 3521
Mean 1.175
RMS 0.4683
size [# of strips]

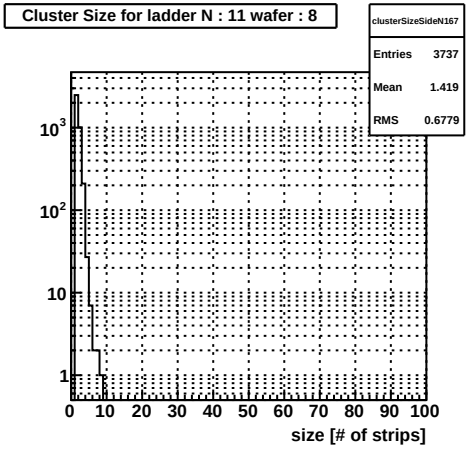

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 9871
Mean 1.269
RMS 0.4905
size [# of strips]

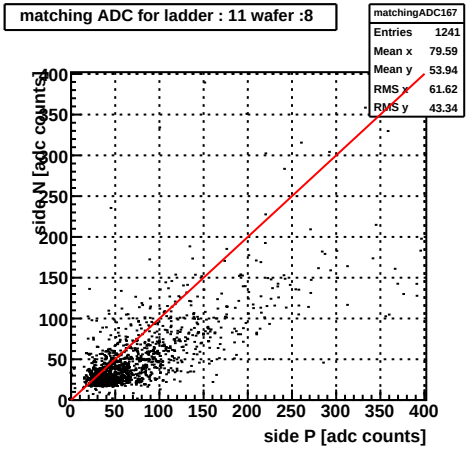

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1523
Mean x 71.47
Mean y 60.47
RMS x 58.93
RMS y 50.74
side N [adc counts]
side P [adc counts]

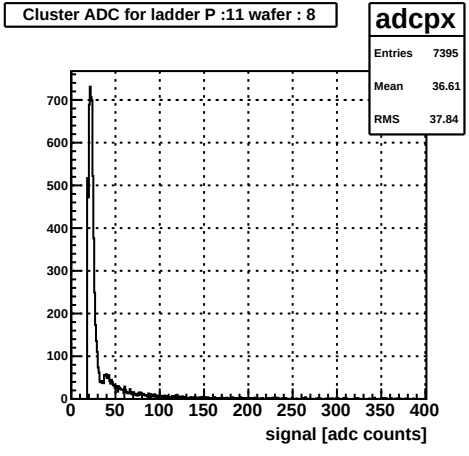

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 3521
Mean 57.19
RMS 52.36
signal [adc counts]

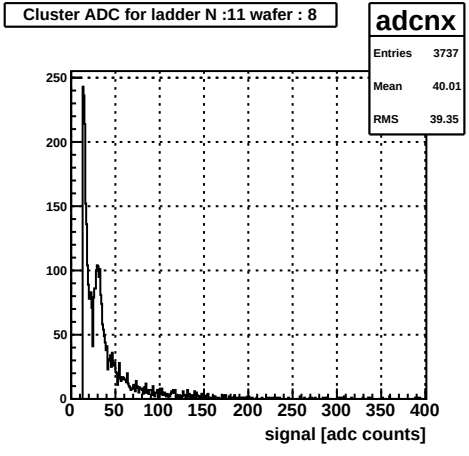

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 9871
Mean 34.47
RMS 30.21
signal [adc counts]

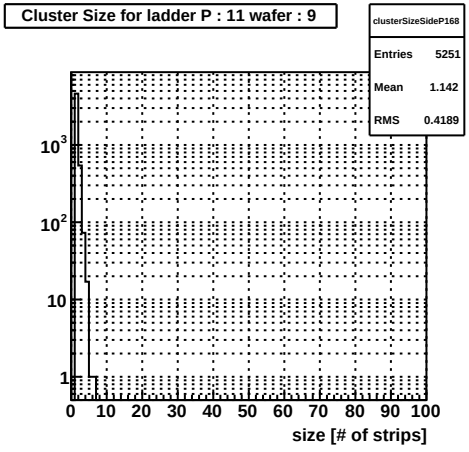

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7395
Mean 1.125
RMS 0.3867
size [# of strips]

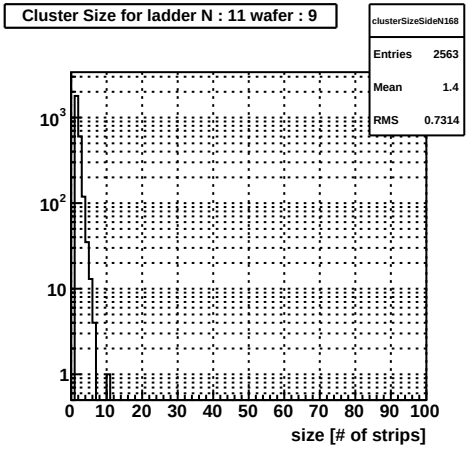

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3737
Mean 1.419
RMS 0.6779
size [# of strips]

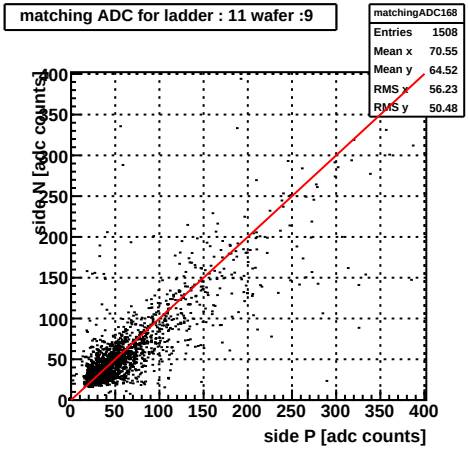

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1241
Mean x 79.59
Mean y 53.94
RMS x 61.62
RMS y 43.34
side N [adc counts]
side P [adc counts]

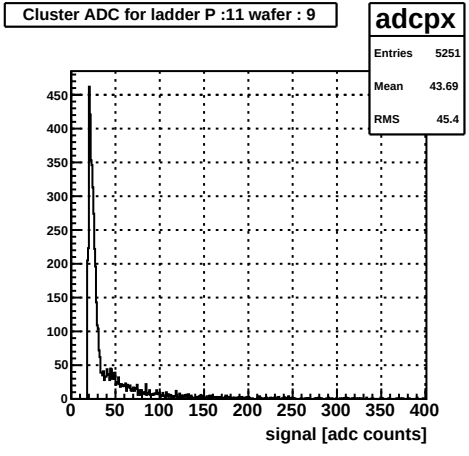

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7395
Mean 36.61
RMS 37.84
signal [adc counts]

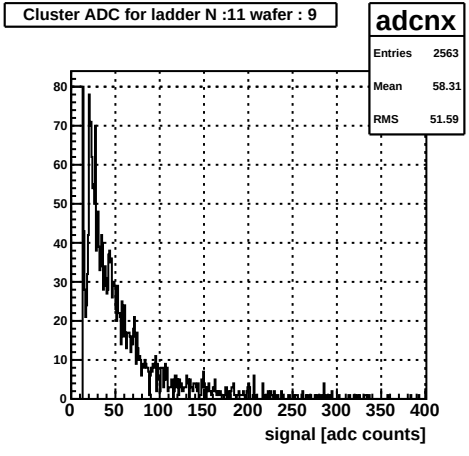

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3737
Mean 40.01
RMS 39.35
signal [adc counts]

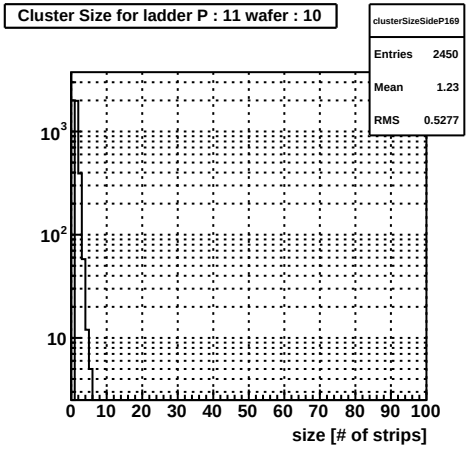

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5251
Mean 1.142
RMS 0.4189
size [# of strips]

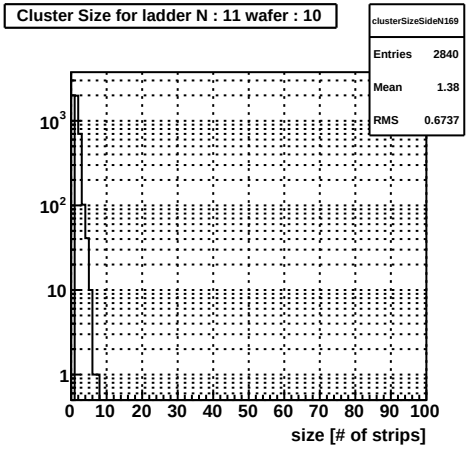

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2563
Mean 1.4
RMS 0.7314
size [# of strips]

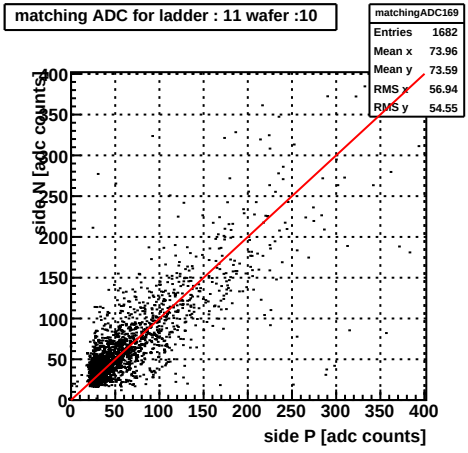

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1508
Mean x 70.55
Mean y 64.52
RMS x 56.23
RMS y 50.48
side N [adc counts]
side P [adc counts]

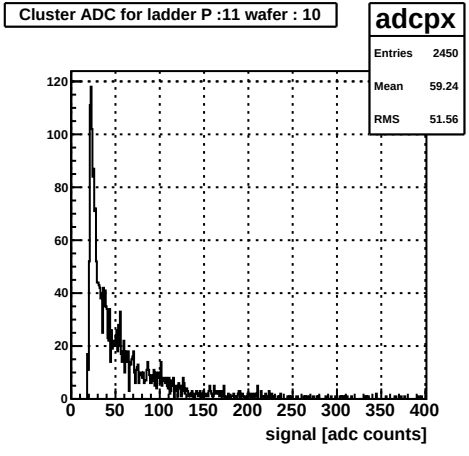

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5251
Mean 43.69
RMS 45.4
signal [adc counts]

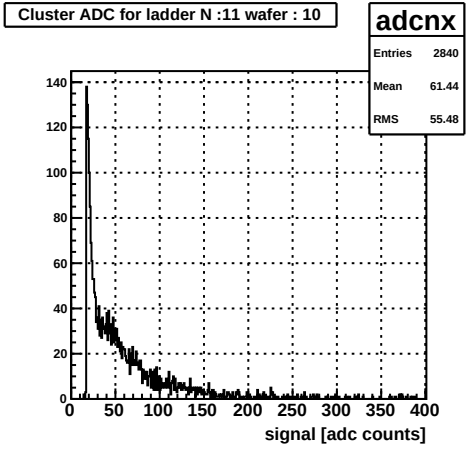

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2563
Mean 58.31
RMS 51.59
signal [adc counts]

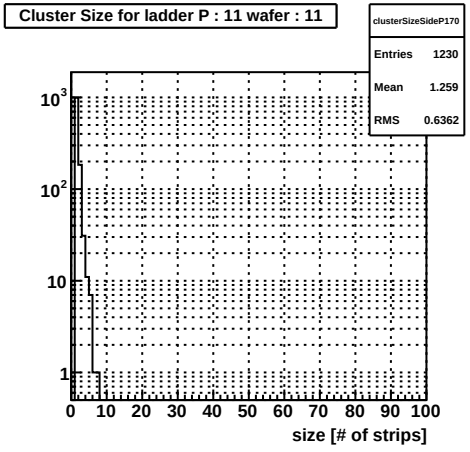

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2450
Mean 1.23
RMS 0.5277
size [# of strips]

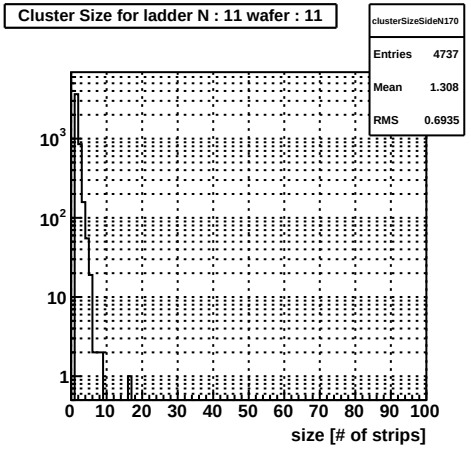

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2840
Mean 1.38
RMS 0.6737
size [# of strips]

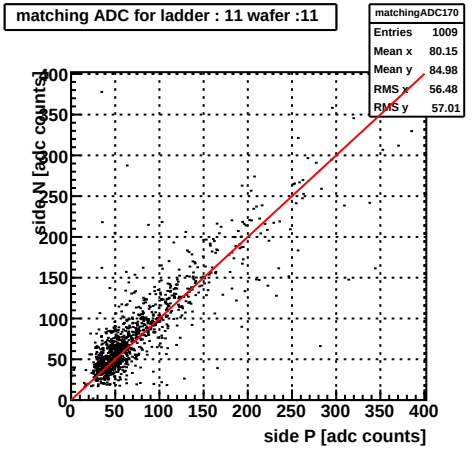

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1682
Mean x 73.96
Mean y 73.59
RMS x 56.94
RMS y 54.55
side N [adc counts]
side P [adc counts]

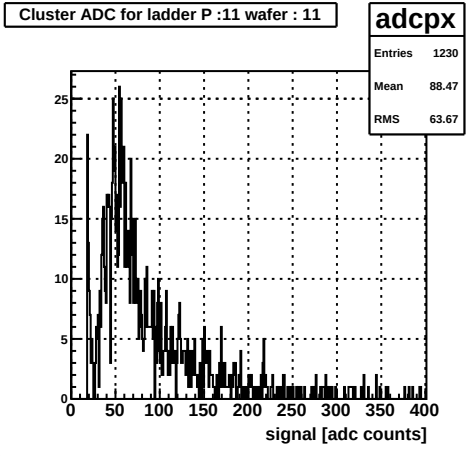

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2450
Mean 59.24
RMS 51.56
signal [adc counts]

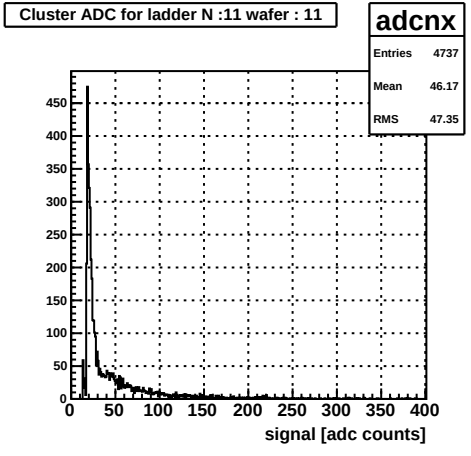

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2840
Mean 61.44
RMS 55.48
signal [adc counts]

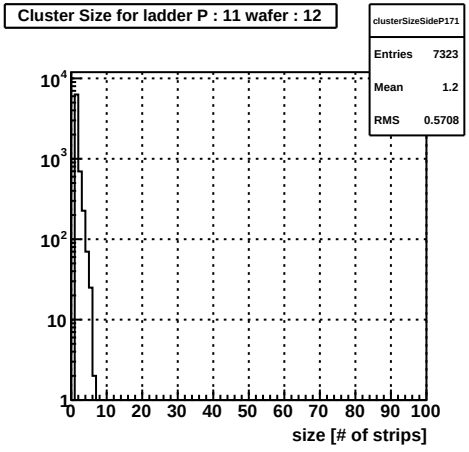

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1230
Mean 1.259
RMS 0.6362
size [# of strips]

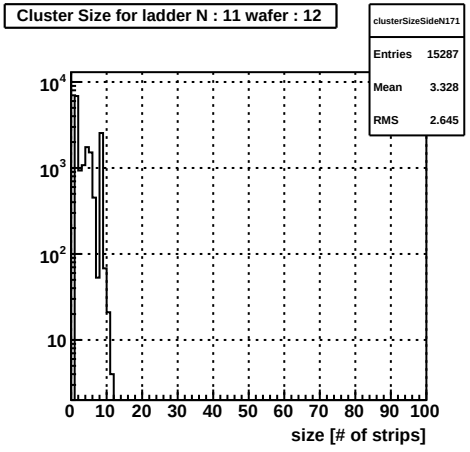

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4737
Mean 1.308
RMS 0.6935
size [# of strips]

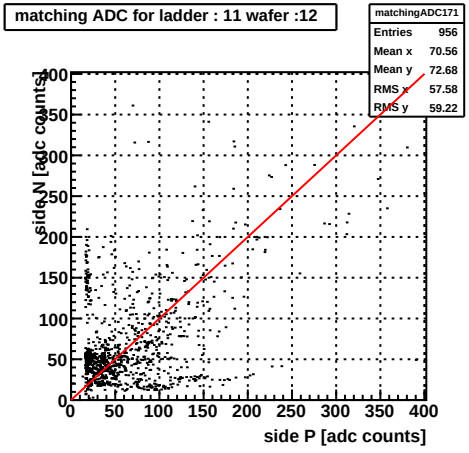

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1009
Mean x 80.15
Mean y 84.98
RMS x 56.48
RMS y 57.01
side N [adc counts]
side P [adc counts]

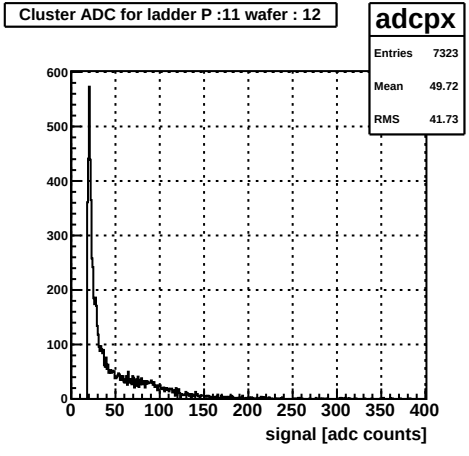

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1230
Mean 88.47
RMS 63.67
signal [adc counts]

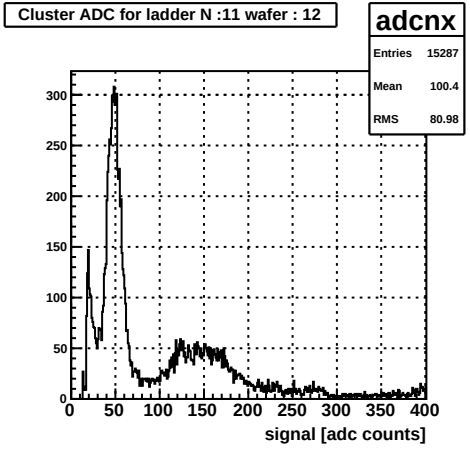

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4737
Mean 46.17
RMS 47.35
signal [adc counts]

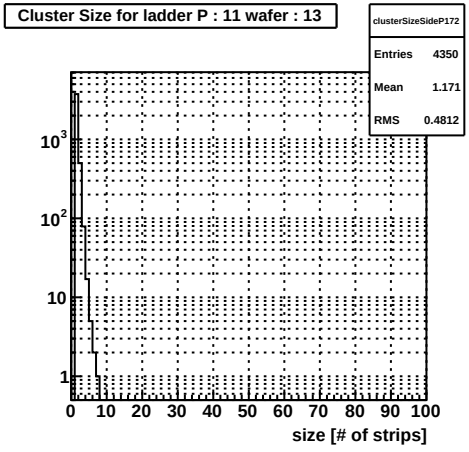

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7323
Mean 1.2
RMS 0.5708
size [# of strips]

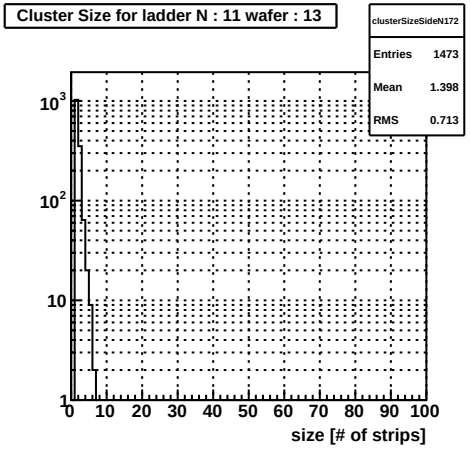

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 15287
Mean 3.328
RMS 2.645
size [# of strips]

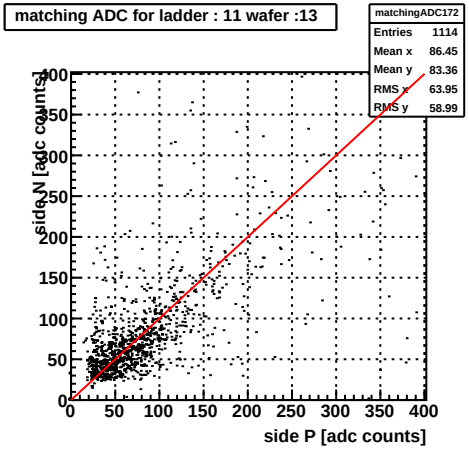

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 956
Mean x 70.56
Mean y 72.68
RMS x 57.58
RMS y 59.22
side N [adc counts]
side P [adc counts]

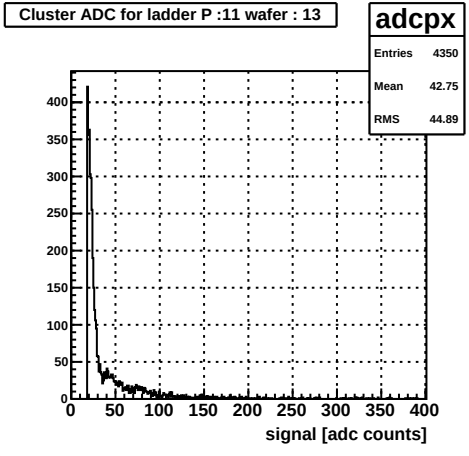

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7323
Mean 49.72
RMS 41.73
signal [adc counts]

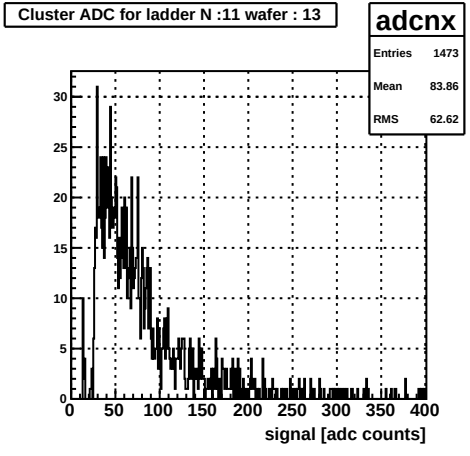

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 15287
Mean 100.4
RMS 80.98
signal [adc counts]

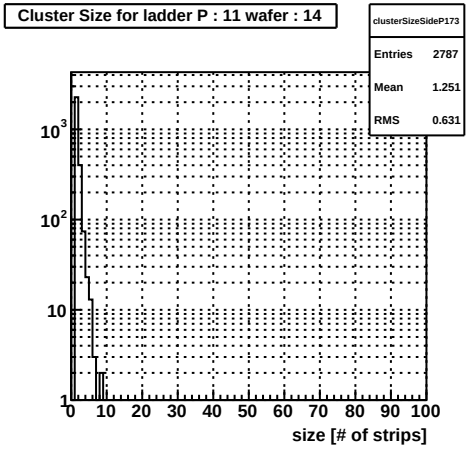

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4350
Mean 1.171
RMS 0.4812
size [# of strips]

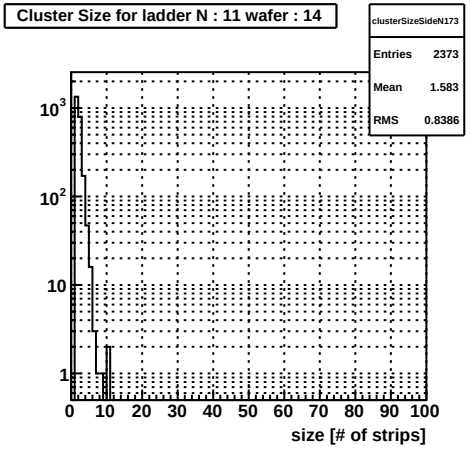

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1473
Mean 1.398
RMS 0.713
size [# of strips]

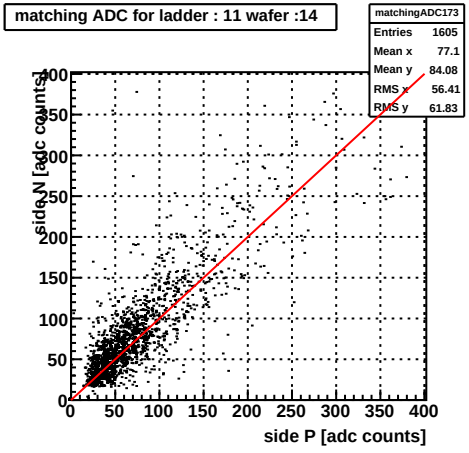

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1114
Mean x 86.45
Mean y 83.36
RMS x 63.95
RMS y 58.99
side N [adc counts]
side P [adc counts]

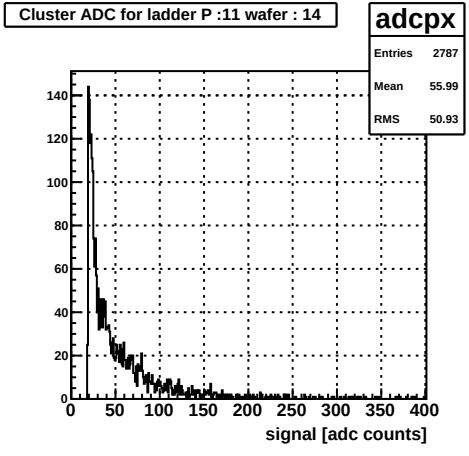

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4350
Mean 42.75
RMS 44.89
signal [adc counts]

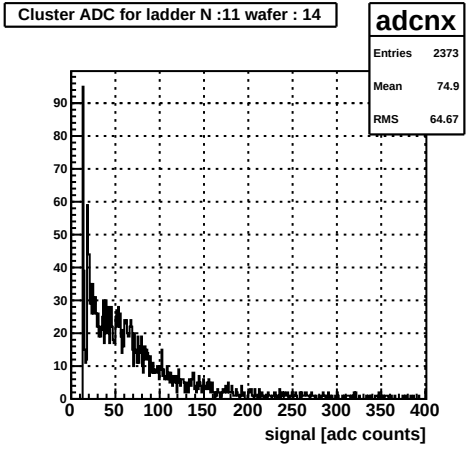

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1473
Mean 83.86
RMS 62.62
signal [adc counts]

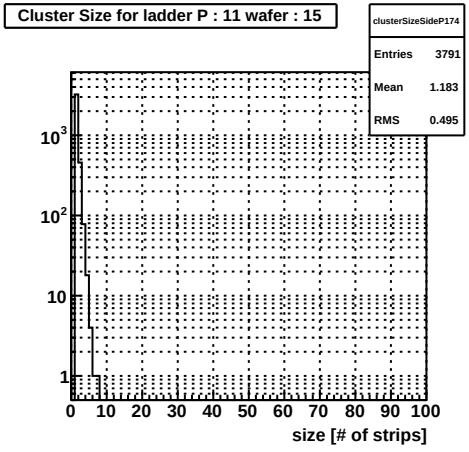

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2787
Mean 1.251
RMS 0.631
size [# of strips]

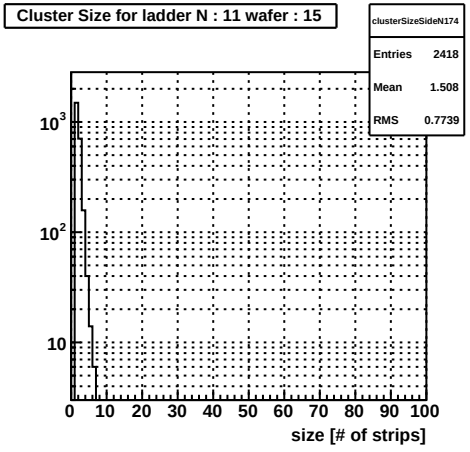

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2373
Mean 1.583
RMS 0.8386
size [# of strips]

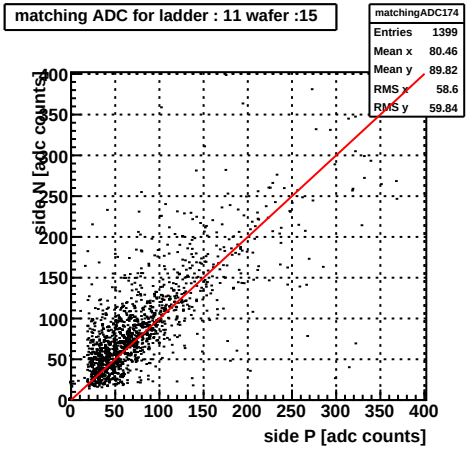

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1605
Mean x 77.1
Mean y 84.08
RMS x 56.41
RMS y 61.83
side N [adc counts]
side P [adc counts]

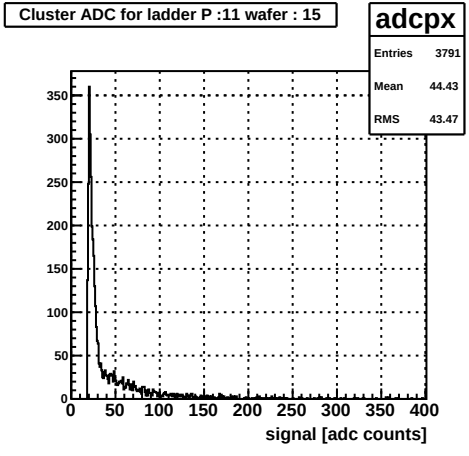

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2787
Mean 55.99
RMS 50.93
signal [adc counts]

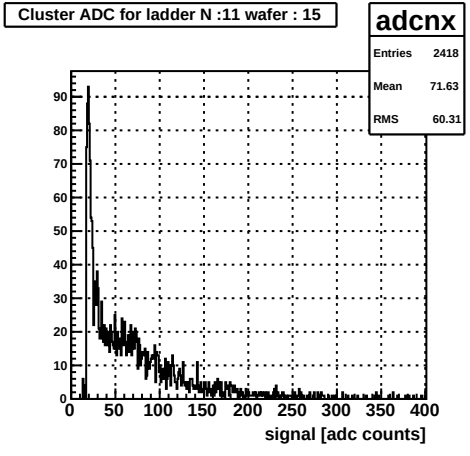

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2373
Mean 74.9
RMS 64.67
signal [adc counts]

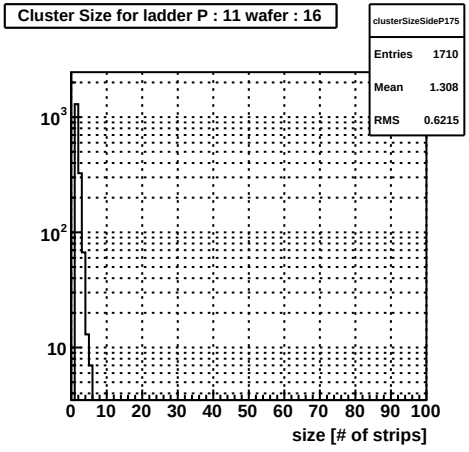

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3791
Mean 1.183
RMS 0.495
size [# of strips]

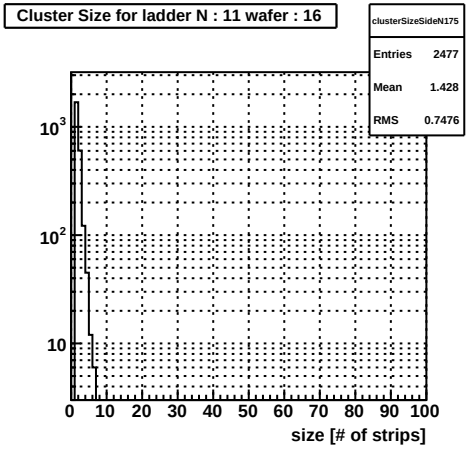

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2418
Mean 1.508
RMS 0.7739
size [# of strips]

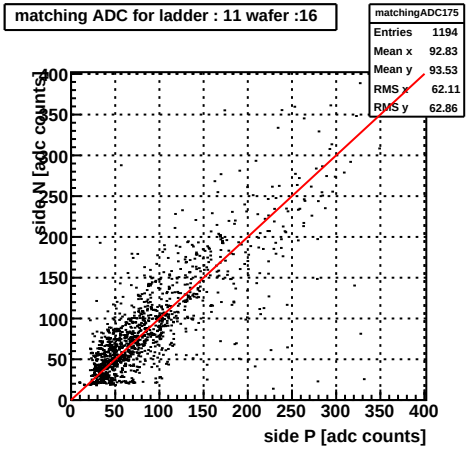

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1399
Mean x 80.46
Mean y 89.82
RMS x 58.6
RMS y 59.84
side N [adc counts]
side P [adc counts]

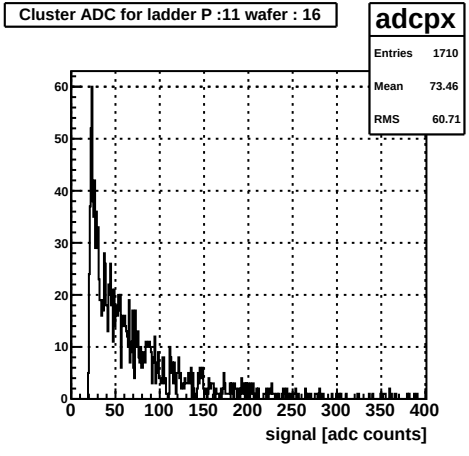

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3791
Mean 44.43
RMS 43.47
signal [adc counts]

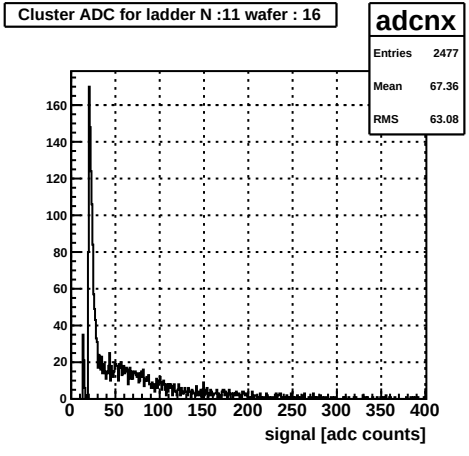

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2418
Mean 71.63
RMS 60.31
signal [adc counts]

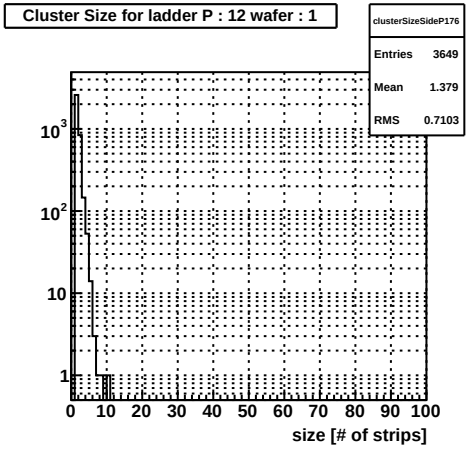

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1710
Mean 1.308
RMS 0.6215
size [# of strips]

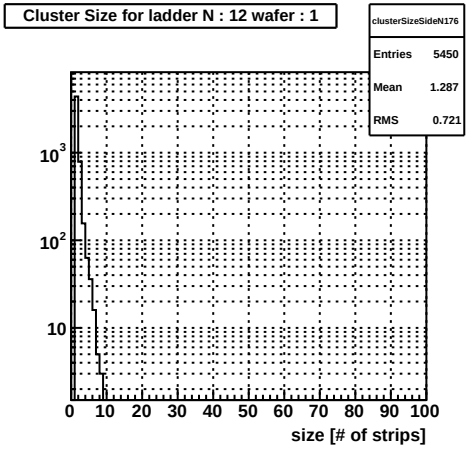

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2477
Mean 1.428
RMS 0.7476
size [# of strips]

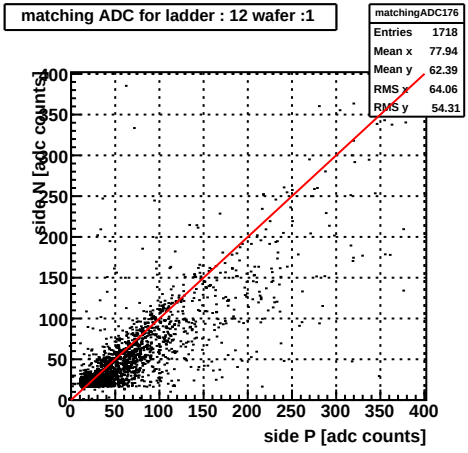

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1194
Mean x 92.83
Mean y 93.53
RMS x 62.11
RMS y 62.86
side N [adc counts]
side P [adc counts]

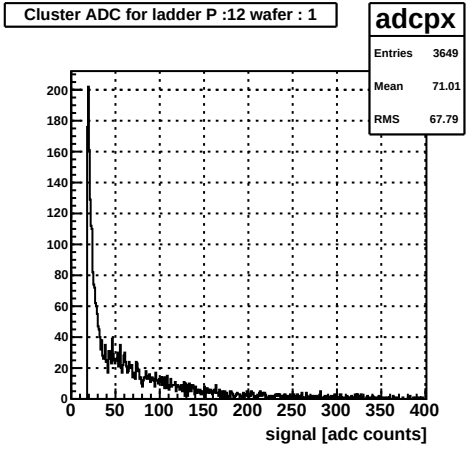

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1710
Mean 73.46
RMS 60.71
signal [adc counts]

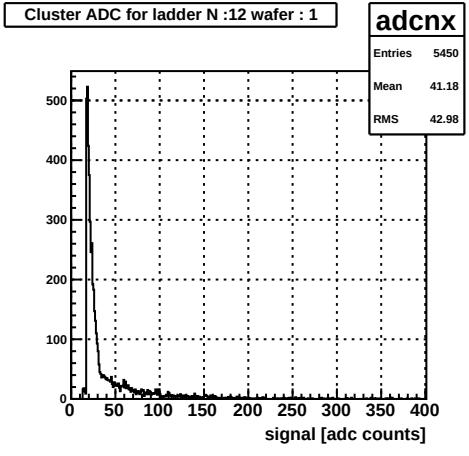

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2477
Mean 67.36
RMS 63.08
signal [adc counts]

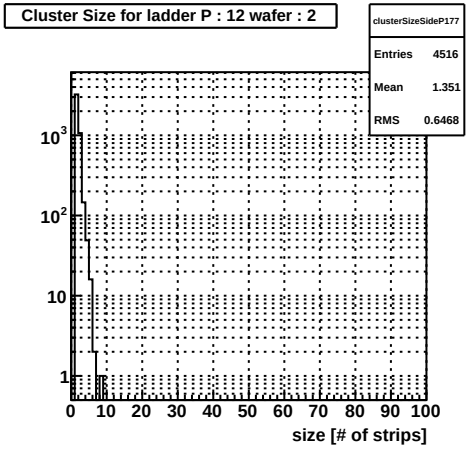

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3649
Mean 1.379
RMS 0.7103
size [# of strips]

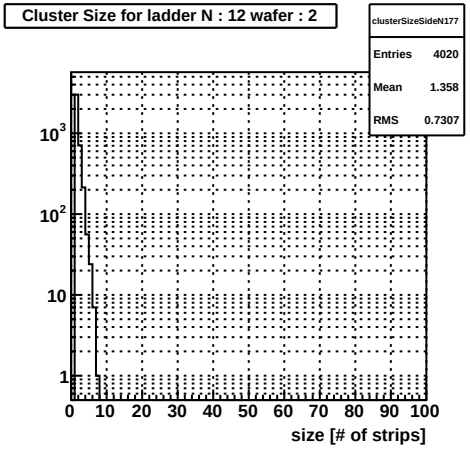

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5450
Mean 1.287
RMS 0.721
size [# of strips]

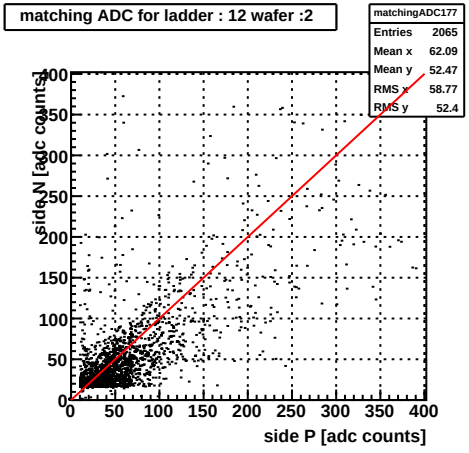

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1718
Mean x 77.94
Mean y 62.39
RMS x 64.06
RMS y 54.31
side N [adc counts]
side P [adc counts]

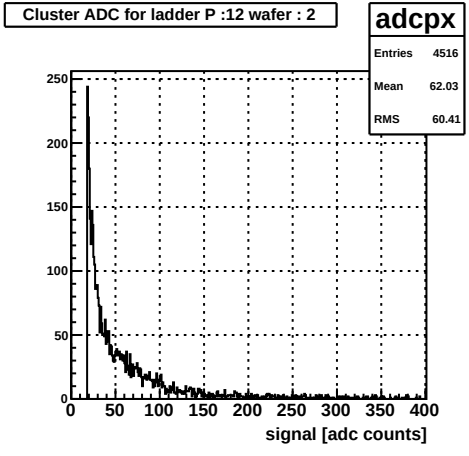

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3649
Mean 71.01
RMS 67.79
signal [adc counts]

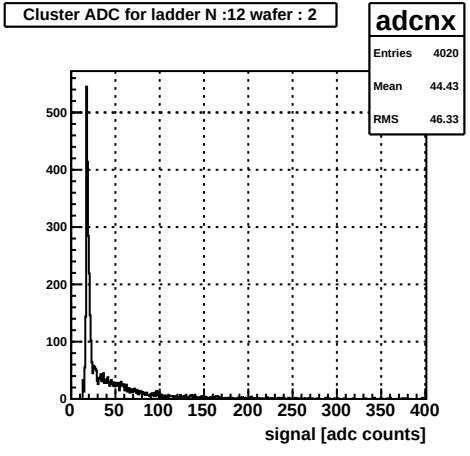

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5450
Mean 41.18
RMS 42.98
signal [adc counts]

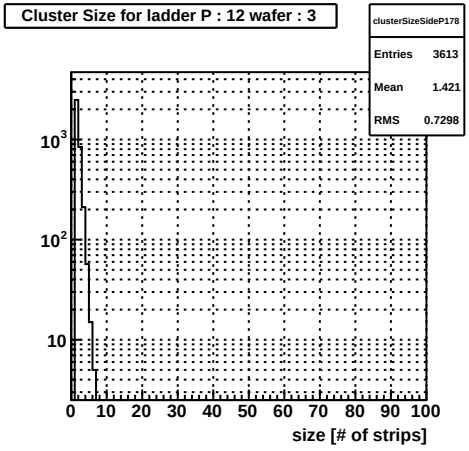

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4516
Mean 1.351
RMS 0.6468
size [# of strips]

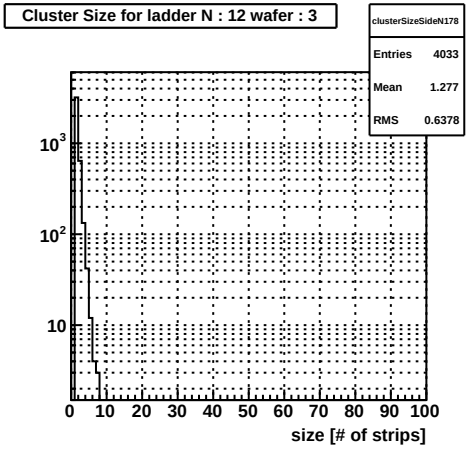

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4020
Mean 1.358
RMS 0.7307
size [# of strips]

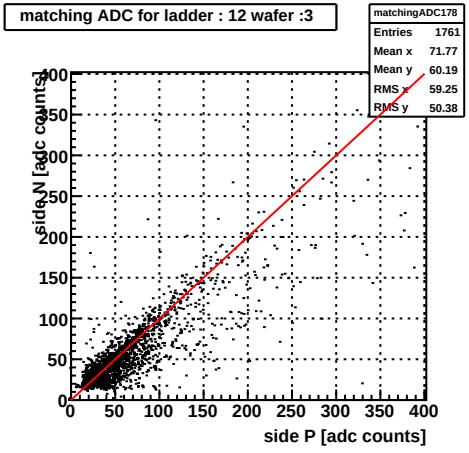

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2065
Mean x 62.09
Mean y 52.47
RMS x 58.77
RMS y 52.4
side N [adc counts]
side P [adc counts]

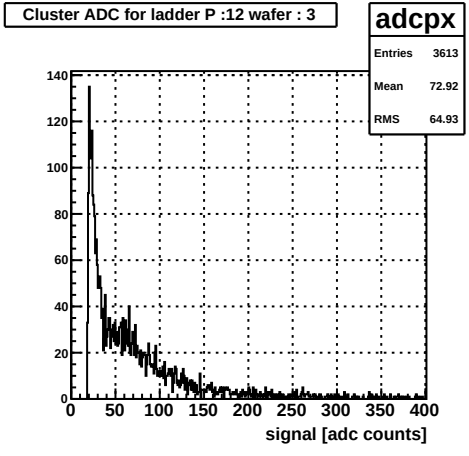

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4516
Mean 62.03
RMS 60.41
signal [adc counts]

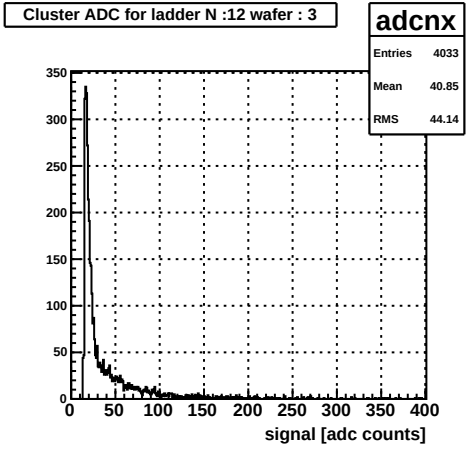

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4020
Mean 44.43
RMS 46.33
signal [adc counts]

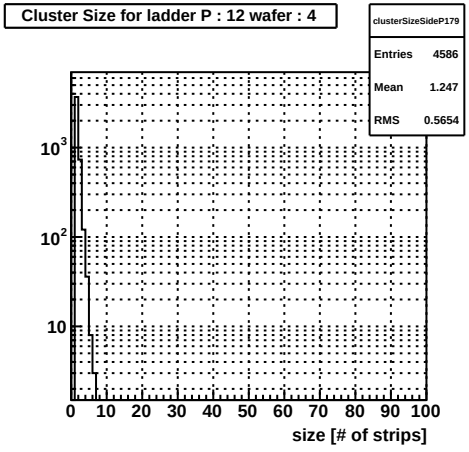

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3613
Mean 1.421
RMS 0.7298
size [# of strips]

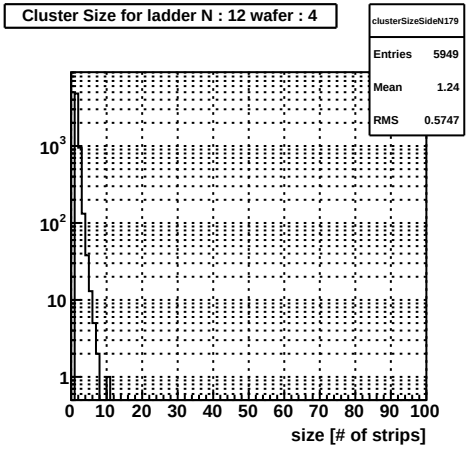

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4033
Mean 1.277
RMS 0.6378
size [# of strips]

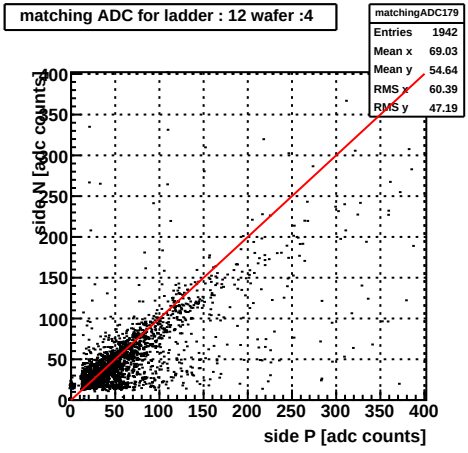

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1761
Mean x 71.77
Mean y 60.19
RMS x 59.25
RMS y 50.38
side N [adc counts]
side P [adc counts]

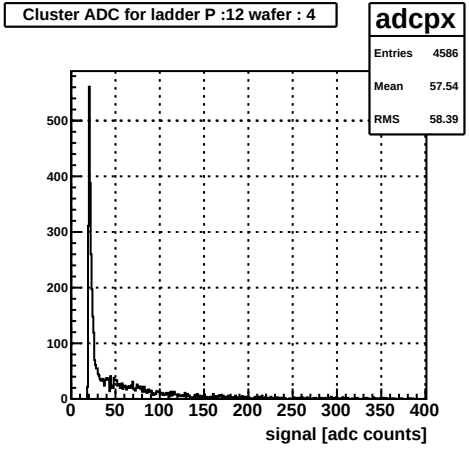

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3613
Mean 72.92
RMS 64.93
signal [adc counts]

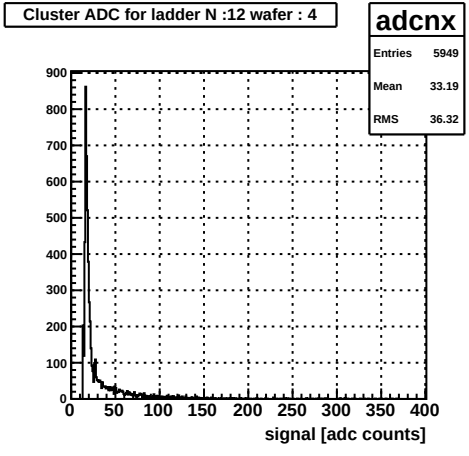

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4033
Mean 40.85
RMS 44.14
signal [adc counts]

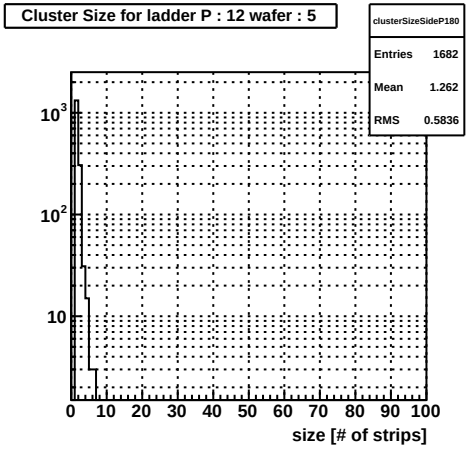

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4586
Mean 1.247
RMS 0.5654
size [# of strips]

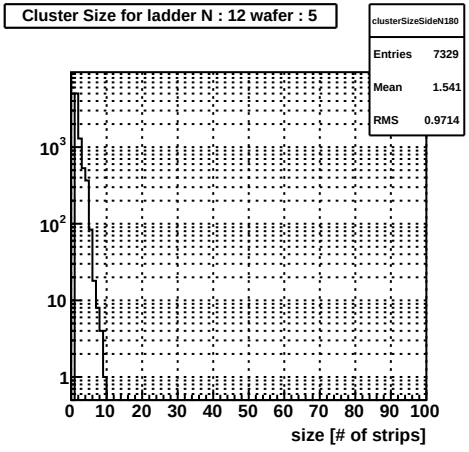

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5949
Mean 1.24
RMS 0.5747
size [# of strips]

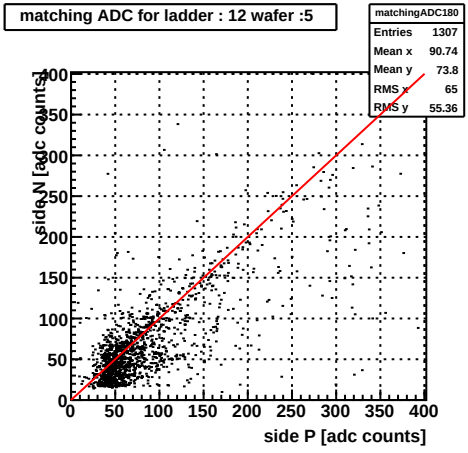

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1942
Mean x 69.03
Mean y 54.64
RMS x 60.39
RMS y 47.19
side N [adc counts]
side P [adc counts]

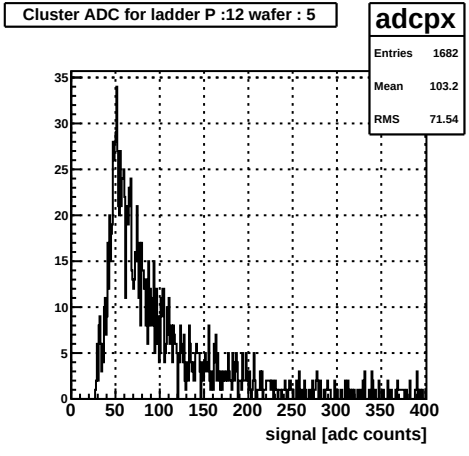

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4586
Mean 57.54
RMS 58.39
signal [adc counts]

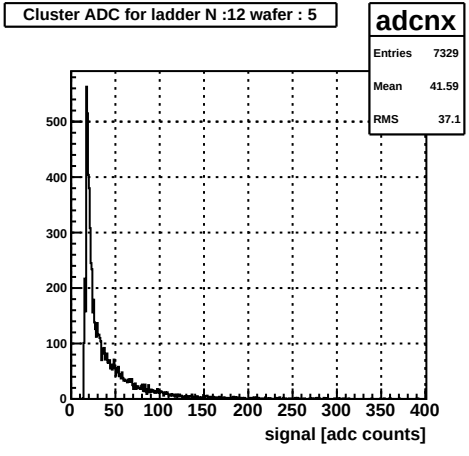

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5949
Mean 33.19
RMS 36.32
signal [adc counts]

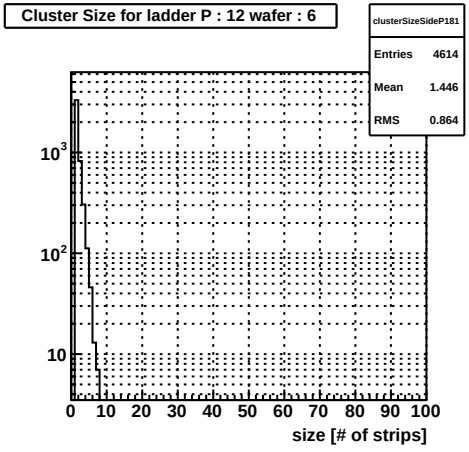

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1682
Mean 1.262
RMS 0.5836
size [# of strips]

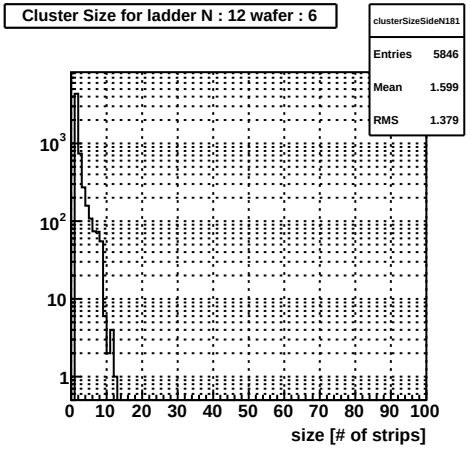

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7329
Mean 1.541
RMS 0.9714
size [# of strips]

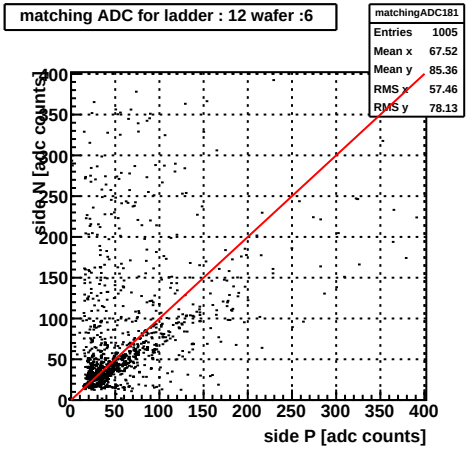

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1307
Mean x 90.74
Mean y 73.8
RMS x 65
RMS y 55.36
side N [adc counts]
side P [adc counts]

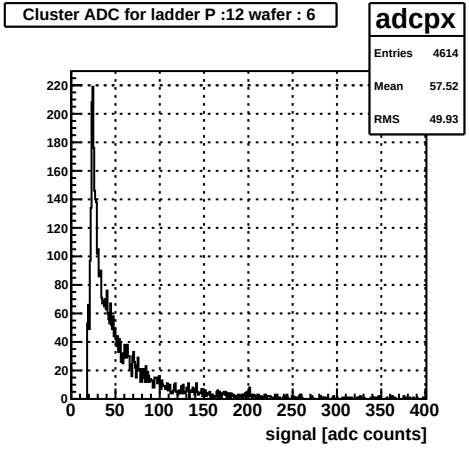

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1682
Mean 103.2
RMS 71.54
signal [adc counts]

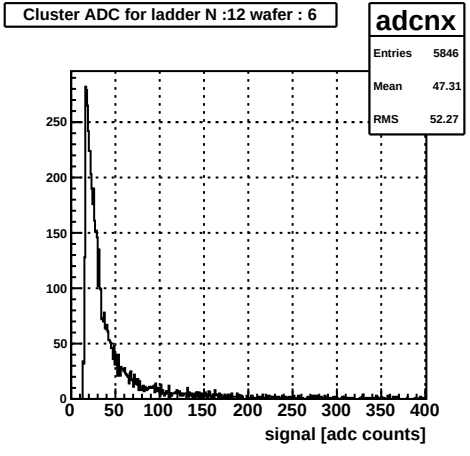

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7329
Mean 41.59
RMS 37.1
signal [adc counts]

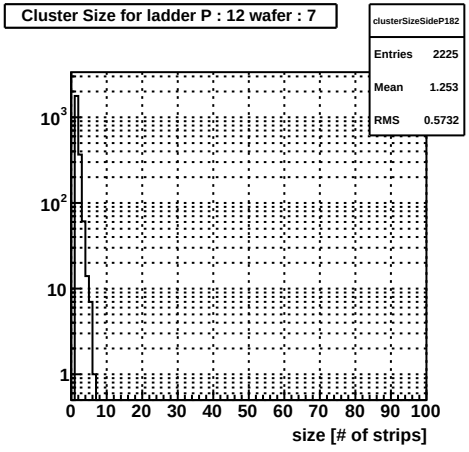

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 4614
Mean 1.446
RMS 0.864
size [# of strips]

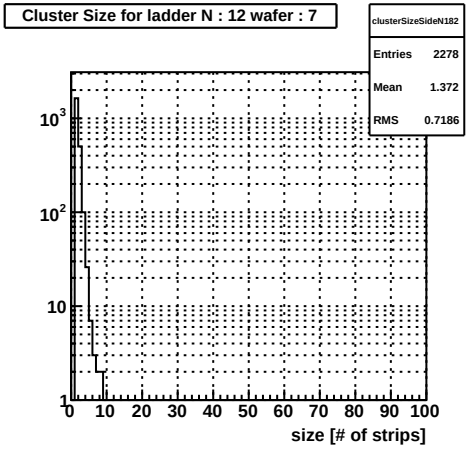

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5846
Mean 1.599
RMS 1.379
size [# of strips]

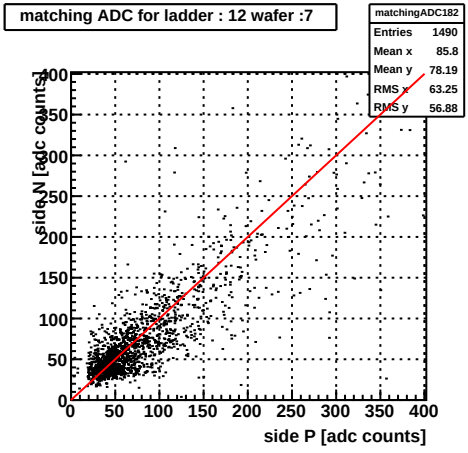

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1005
Mean x 67.52
Mean y 85.36
RMS x 57.46
RMS y 78.13
side N [adc counts]
side P [adc counts]

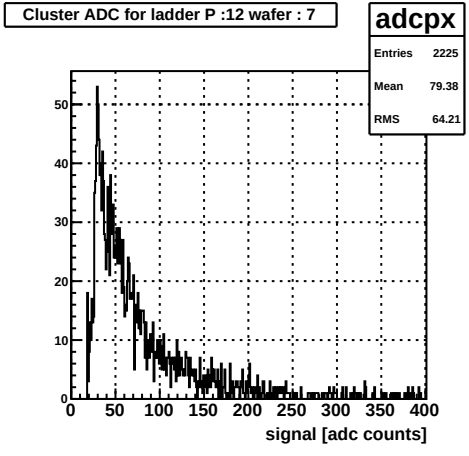

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 4614
Mean 57.52
RMS 49.93
signal [adc counts]

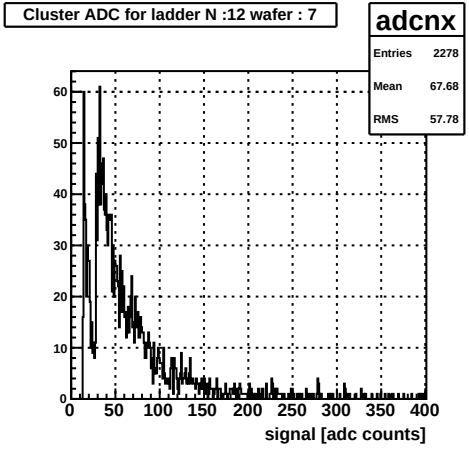

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5846
Mean 47.31
RMS 52.27
signal [adc counts]

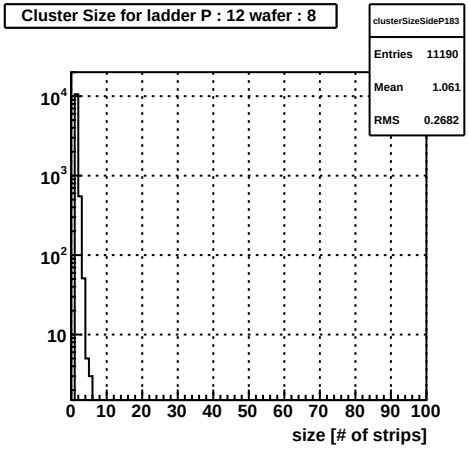

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2225
Mean 1.253
RMS 0.5732
size [# of strips]

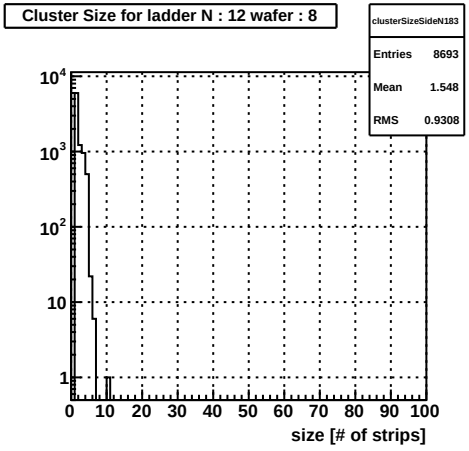

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 2278
Mean 1.372
RMS 0.7186
size [# of strips]

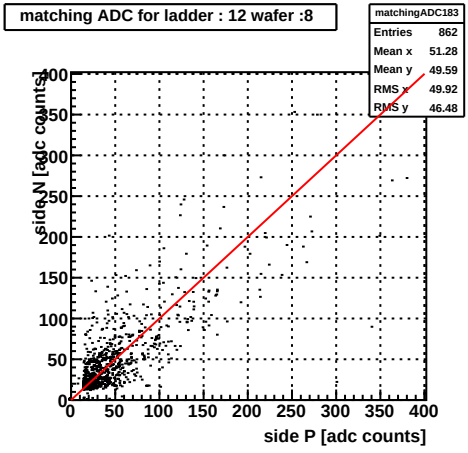

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1490
Mean x 85.8
Mean y 78.19
RMS x 63.25
RMS y 56.88
side N [adc counts]
side P [adc counts]

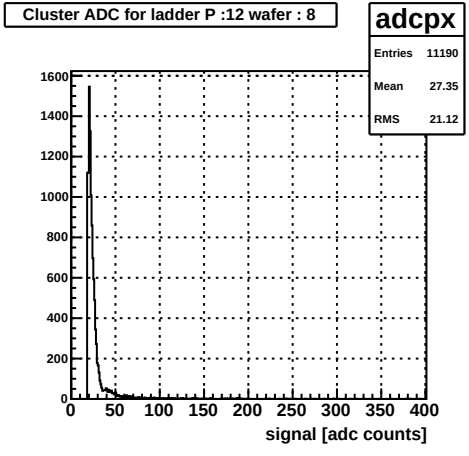

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2225
Mean 79.38
RMS 64.21
signal [adc counts]

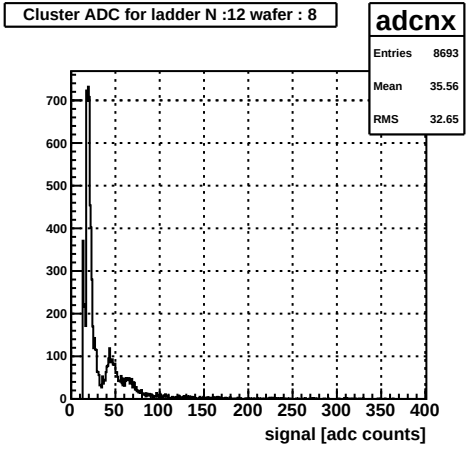

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 2278
Mean 67.68
RMS 57.78
signal [adc counts]

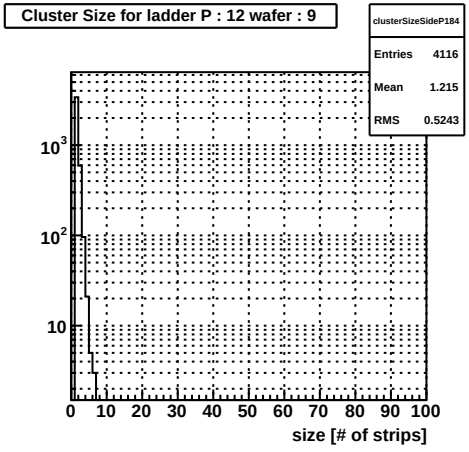

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 11190
Mean 1.061
RMS 0.2682
size [# of strips]

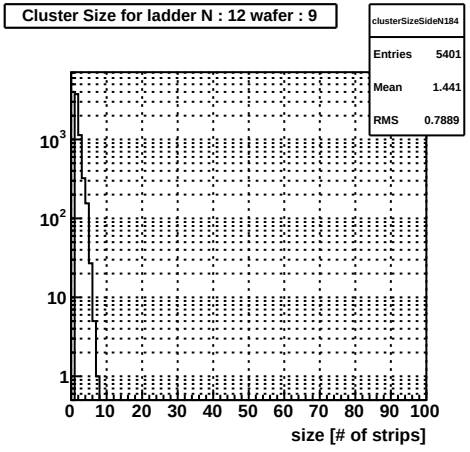

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8693
Mean 1.548
RMS 0.9308
size [# of strips]

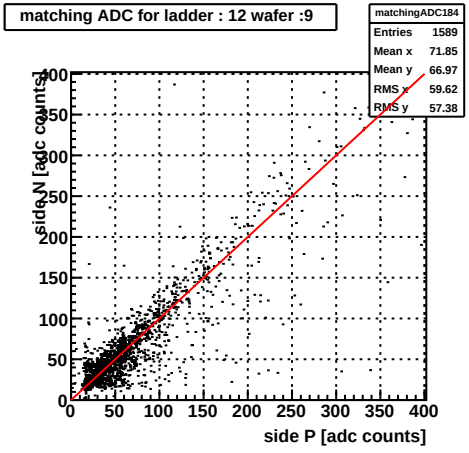

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 862
Mean x 51.28
Mean y 49.59
RMS x 49.92
RMS y 46.48
side N [adc counts]
side P [adc counts]

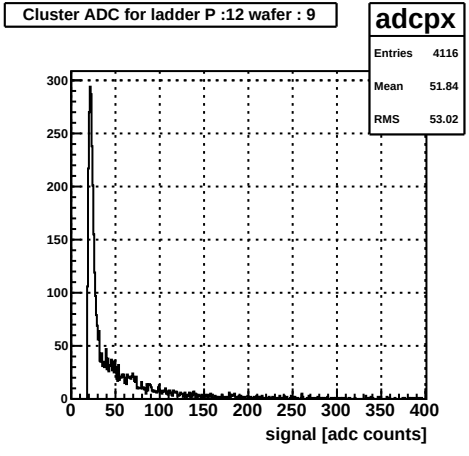

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 11190
Mean 27.35
RMS 21.12
signal [adc counts]

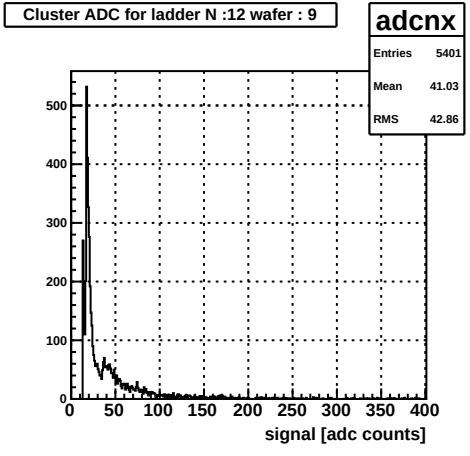

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8693
Mean 35.56
RMS 32.65
signal [adc counts]

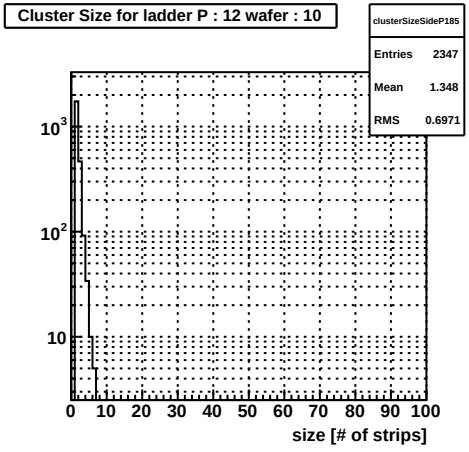

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4116
Mean 1.215
RMS 0.5243
size [# of strips]

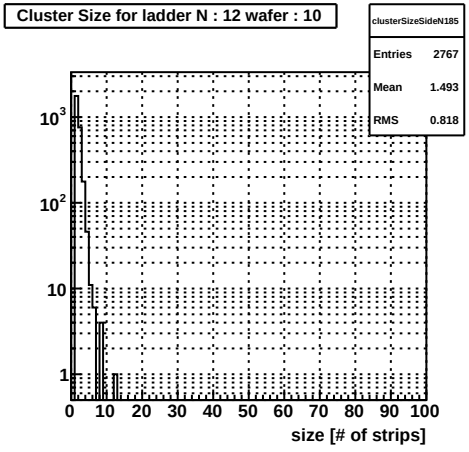

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5401
Mean 1.441
RMS 0.7889
size [# of strips]

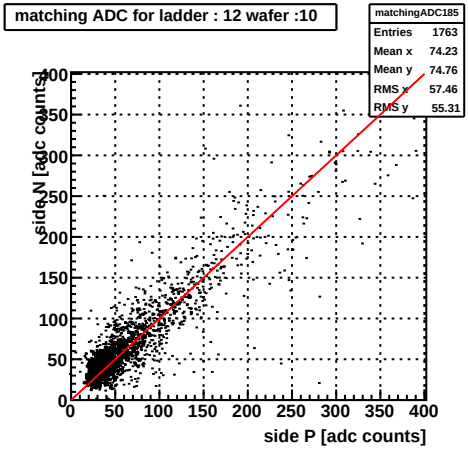

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1589
Mean x 71.85
Mean y 66.97
RMS x 59.62
RMS y 57.38
side N [adc counts]
side P [adc counts]

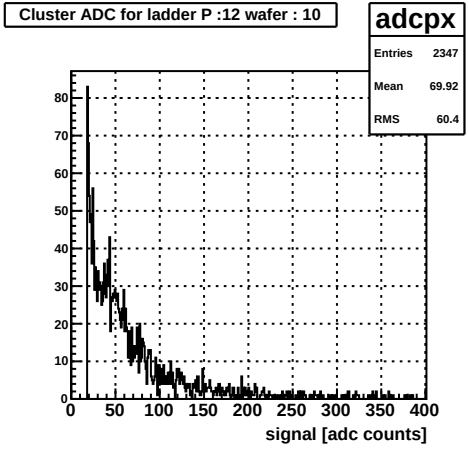

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4116
Mean 51.84
RMS 53.02
signal [adc counts]

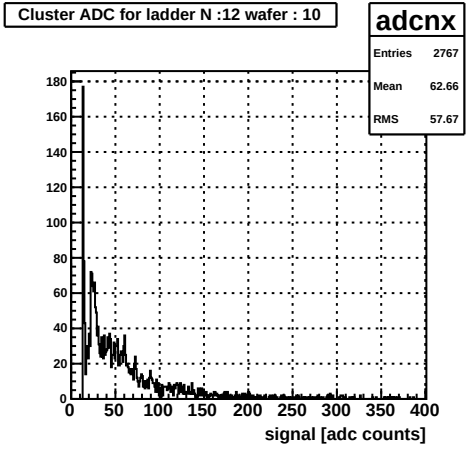

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5401
Mean 41.03
RMS 42.86
signal [adc counts]

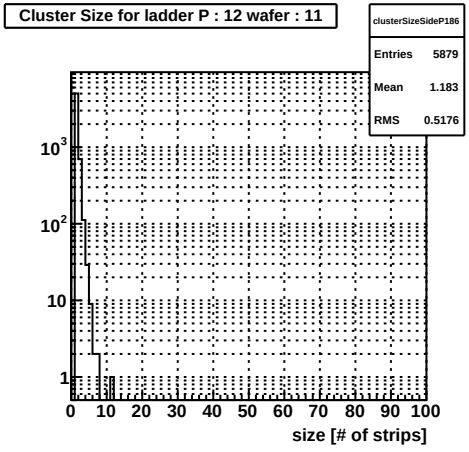

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2347
Mean 1.348
RMS 0.6971
size [# of strips]

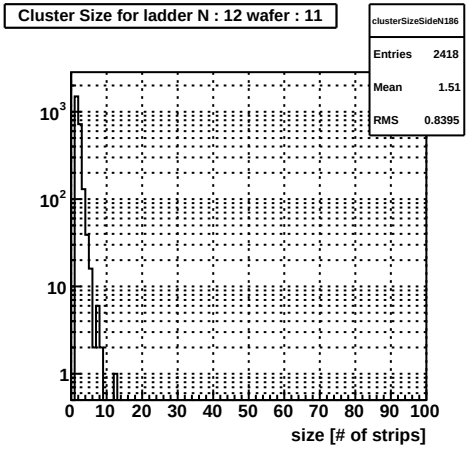

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2767
Mean 1.493
RMS 0.818
size [# of strips]

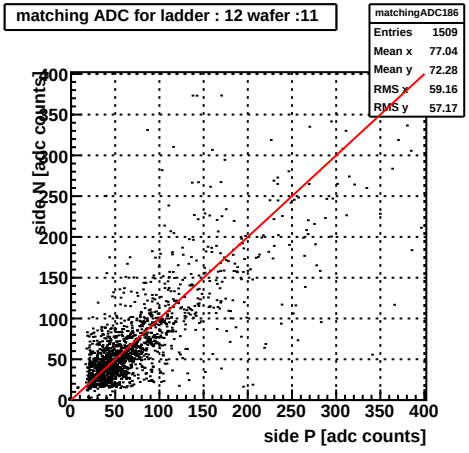

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1763
Mean x 74.23
Mean y 74.76
RMS x 57.46
RMS y 55.31
side N [adc counts]
side P [adc counts]

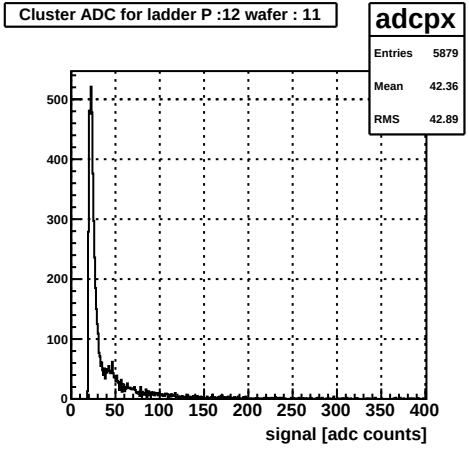

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2347
Mean 69.92
RMS 60.4
signal [adc counts]

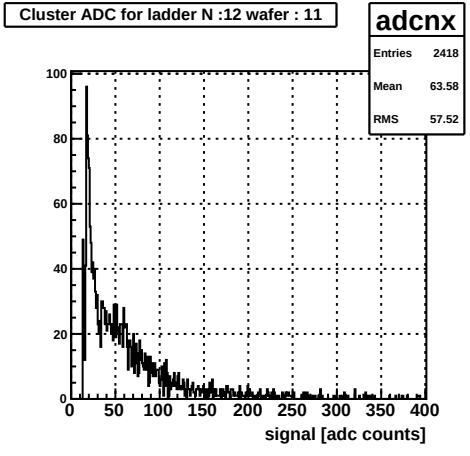

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2767
Mean 62.66
RMS 57.67
signal [adc counts]

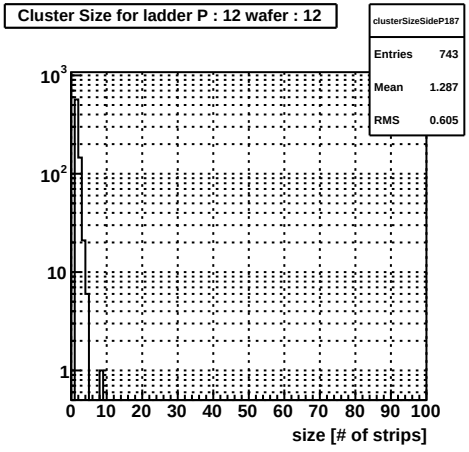

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 5879
Mean 1.183
RMS 0.5176
size [# of strips]

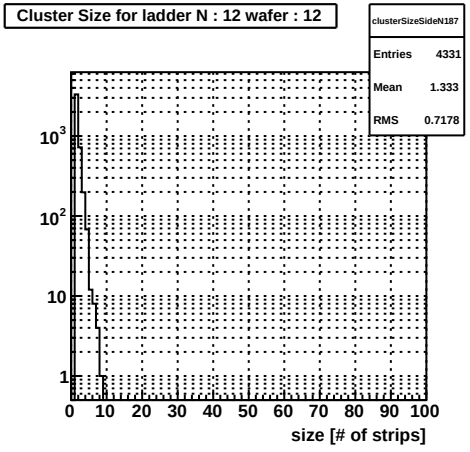

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2418
Mean 1.51
RMS 0.8395
size [# of strips]

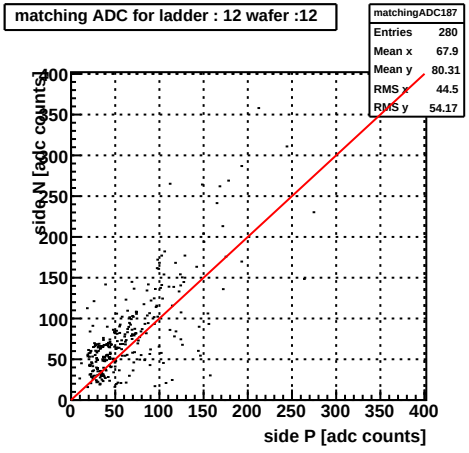

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1509
Mean x 77.04
Mean y 72.28
RMS x 59.16
RMS y 57.17
side N [adc counts]
side P [adc counts]

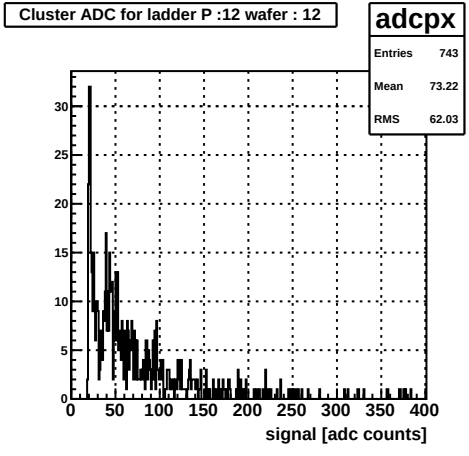

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 5879
Mean 42.36
RMS 42.89
signal [adc counts]

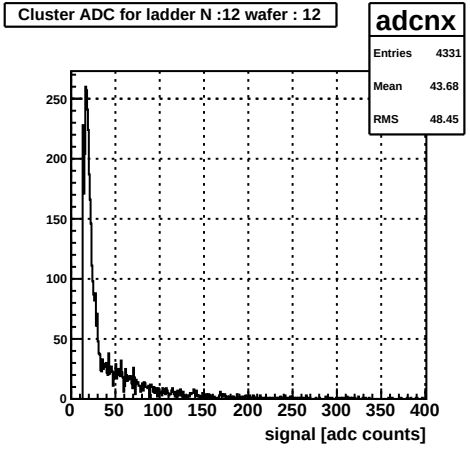

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2418
Mean 63.58
RMS 57.52
signal [adc counts]

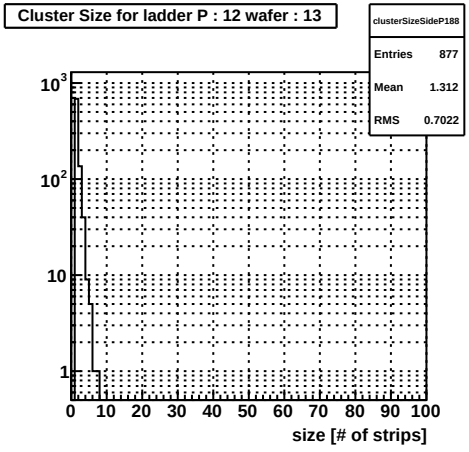

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 743
Mean 1.287
RMS 0.605
size [# of strips]

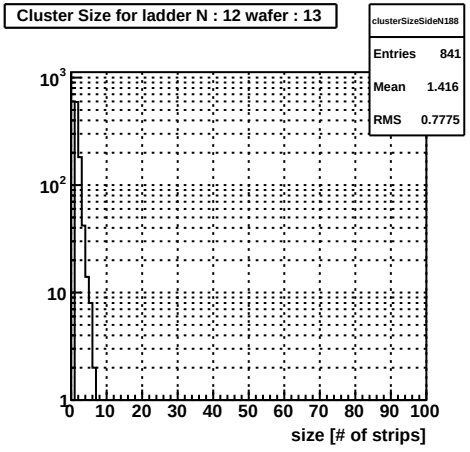

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4331
Mean 1.333
RMS 0.7178
size [# of strips]

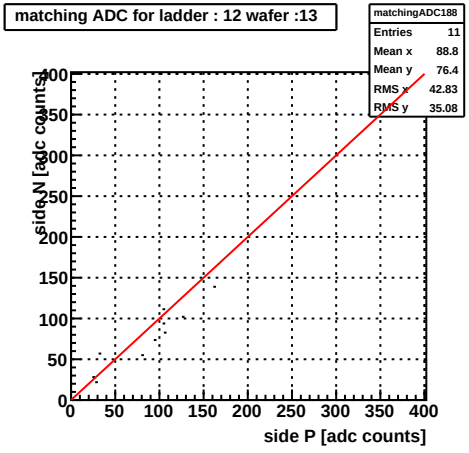

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 280
Mean x 67.9
Mean y 80.31
RMS x 44.5
RMS y 54.17
side N [adc counts]
side P [adc counts]

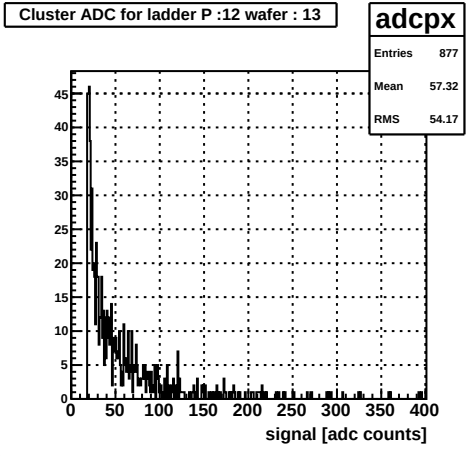

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 743
Mean 73.22
RMS 62.03
signal [adc counts]

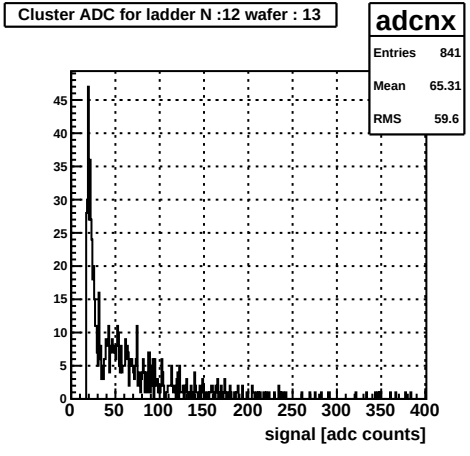

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4331
Mean 43.68
RMS 48.45
signal [adc counts]

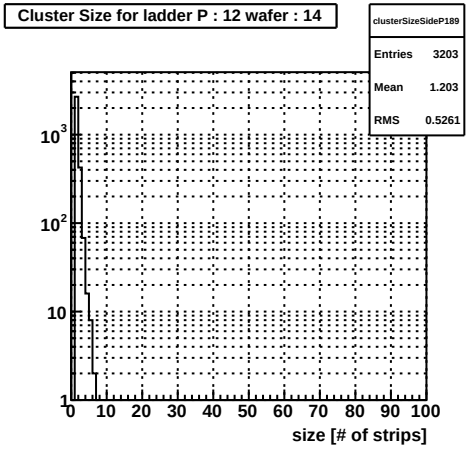

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 877
Mean 1.312
RMS 0.7022
size [# of strips]

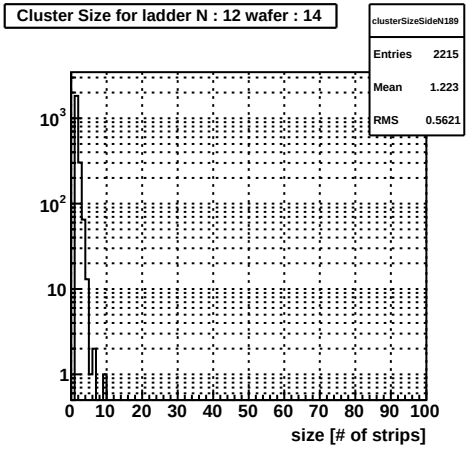

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 841
Mean 1.416
RMS 0.7775
size [# of strips]

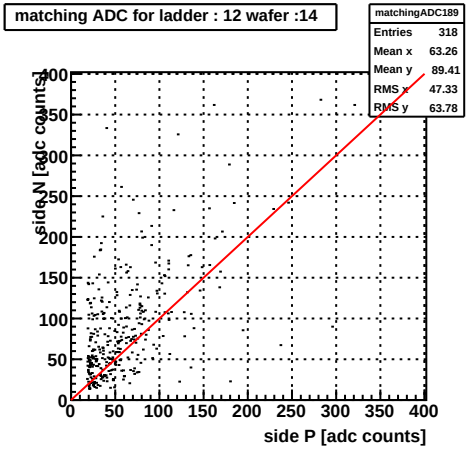

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 11
Mean x 88.8
Mean y 76.4
RMS x 42.83
RMS y 35.08
side N [adc counts]
side P [adc counts]

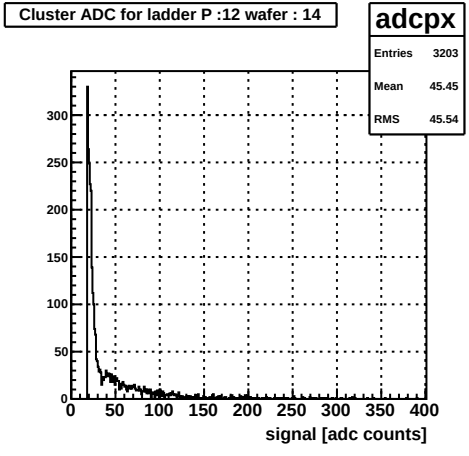

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 877
Mean 57.32
RMS 54.17
signal [adc counts]

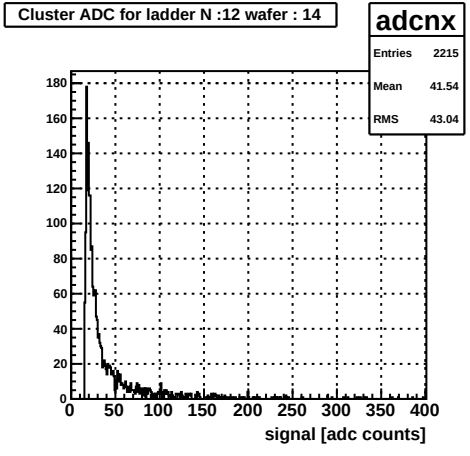

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 841
Mean 65.31
RMS 59.6
signal [adc counts]

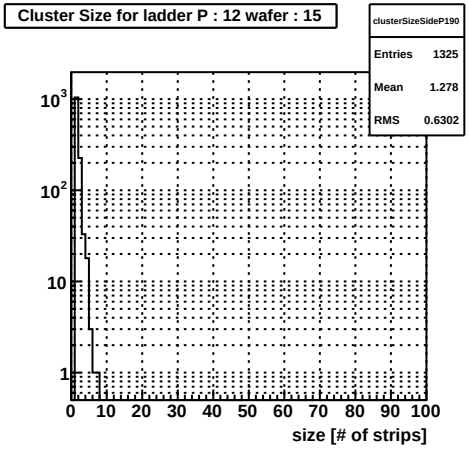

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3203
Mean 1.203
RMS 0.5261
size [# of strips]

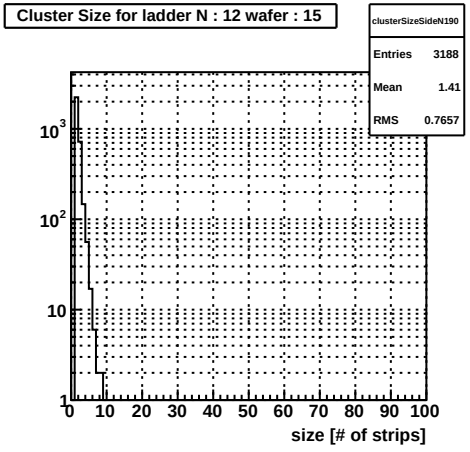

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2215
Mean 1.223
RMS 0.5621
size [# of strips]

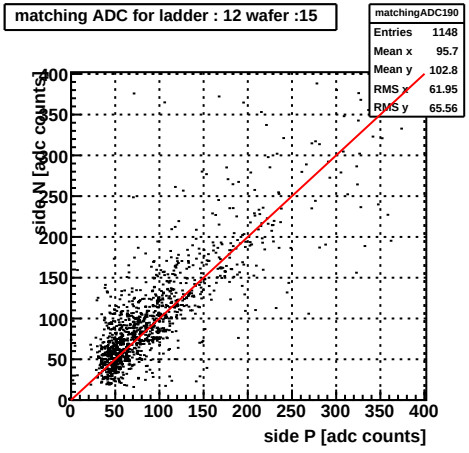

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 318
Mean x 63.26
Mean y 89.41
RMS x 47.33
RMS y 63.78
side N [adc counts]
side P [adc counts]

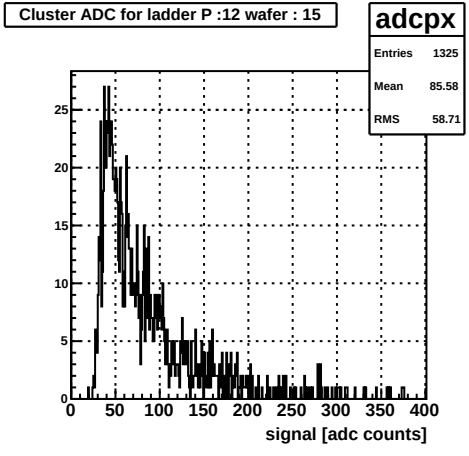

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3203
Mean 45.45
RMS 45.54
signal [adc counts]

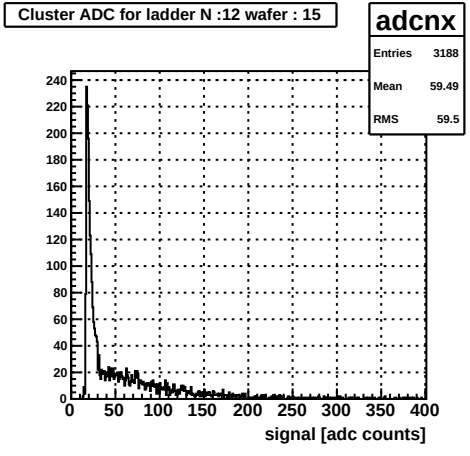

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2215
Mean 41.54
RMS 43.04
signal [adc counts]

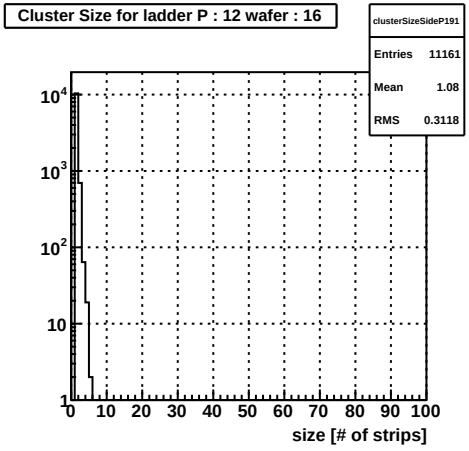

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1325
Mean 1.278
RMS 0.6302
size [# of strips]

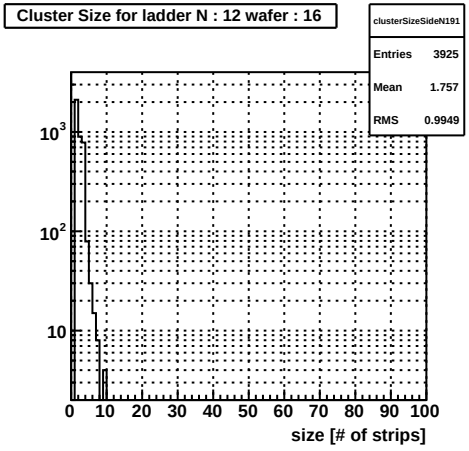

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3188
Mean 1.41
RMS 0.7657
size [# of strips]

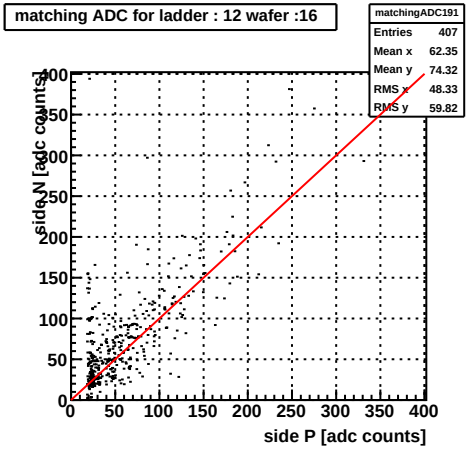

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1148
Mean x 95.7
Mean y 102.8
RMS x 61.95
RMS y 65.56
side N [adc counts]
side P [adc counts]

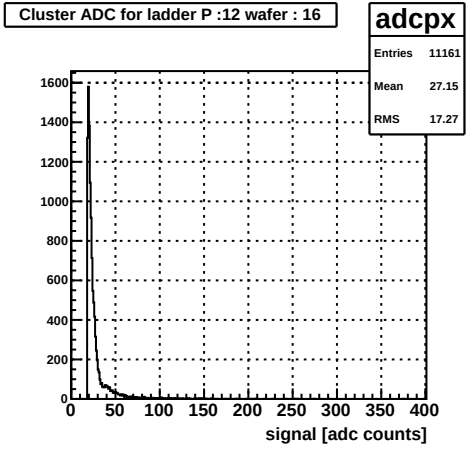

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1325
Mean 85.58
RMS 58.71
signal [adc counts]

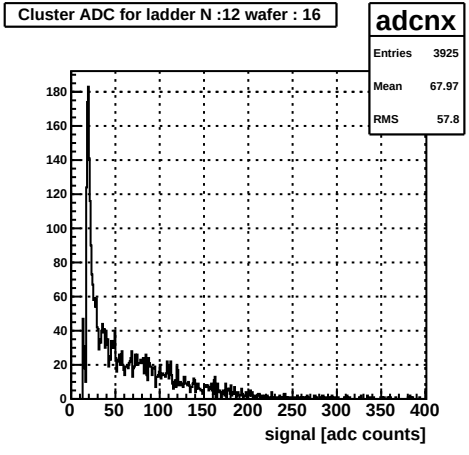

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3188
Mean 59.49
RMS 59.5
signal [adc counts]

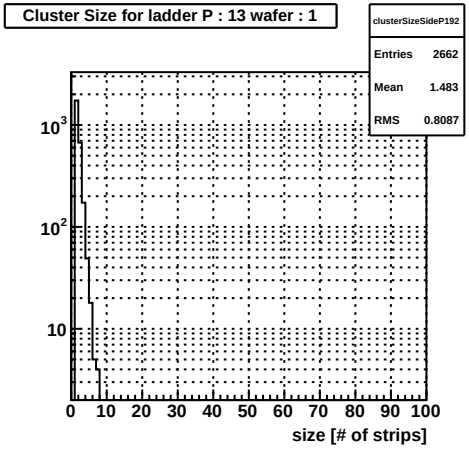

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 11161
Mean 1.08
RMS 0.3118
size [# of strips]

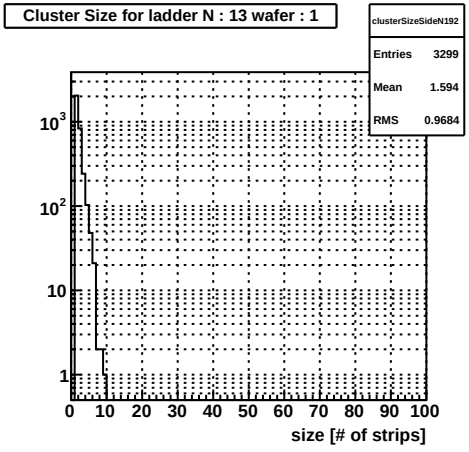

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3925
Mean 1.757
RMS 0.9949
size [# of strips]

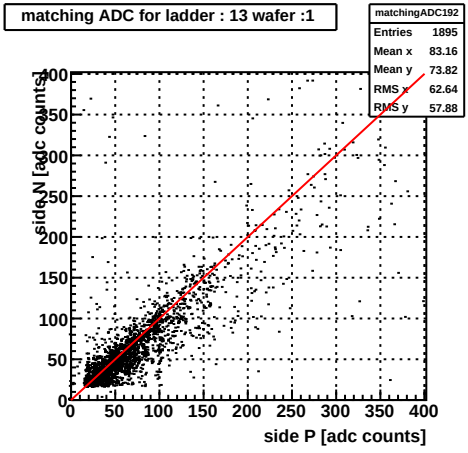

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 407
Mean x 62.35
Mean y 74.32
RMS x 48.33
RMS y 59.82
side N [adc counts]
side P [adc counts]

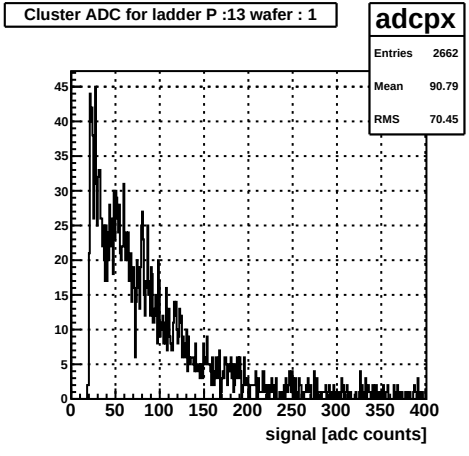

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 11161
Mean 27.15
RMS 17.27
signal [adc counts]

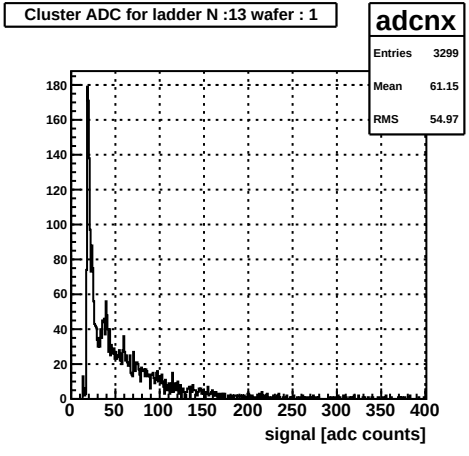

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3925
Mean 67.97
RMS 57.8
signal [adc counts]

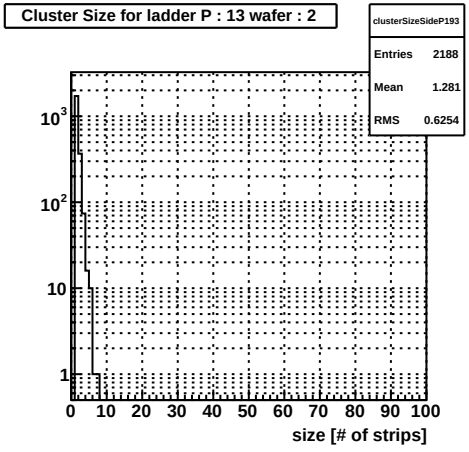

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2662
Mean 1.483
RMS 0.8087
size [# of strips]

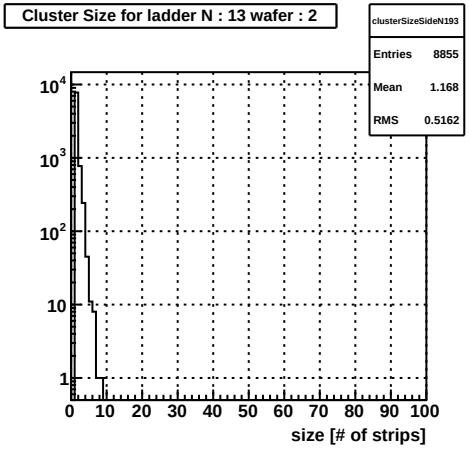

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3299
Mean 1.594
RMS 0.9684
size [# of strips]

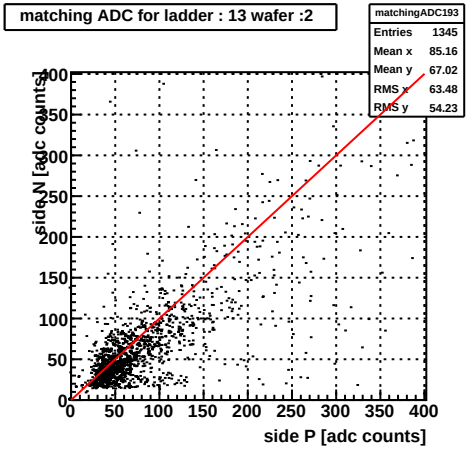

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1895
Mean x 83.16
Mean y 73.82
RMS x 62.64
RMS y 57.88
side N [adc counts]
side P [adc counts]

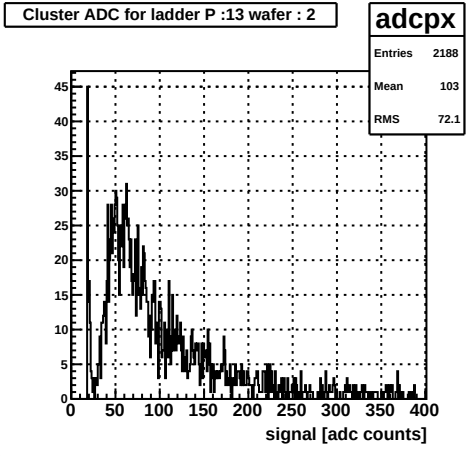

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2662
Mean 90.79
RMS 70.45
signal [adc counts]

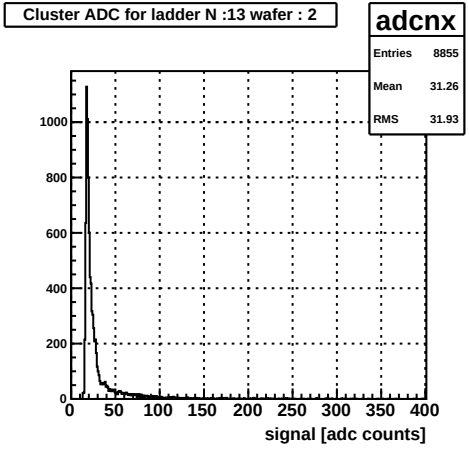

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3299
Mean 61.15
RMS 54.97
signal [adc counts]

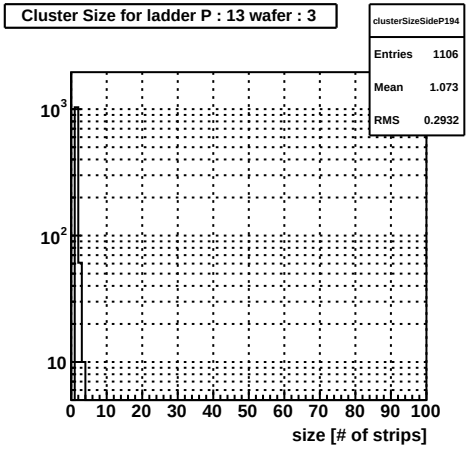

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2188
Mean 1.281
RMS 0.6254
size [# of strips]

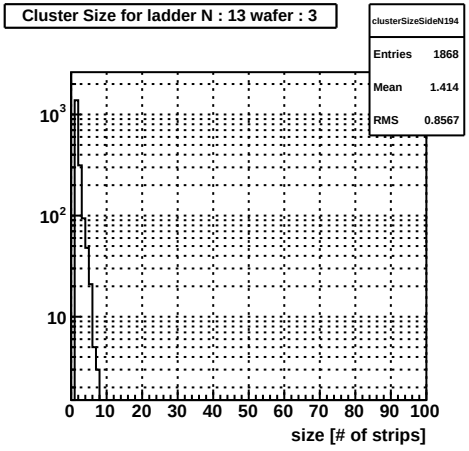

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8855
Mean 1.168
RMS 0.5162
size [# of strips]

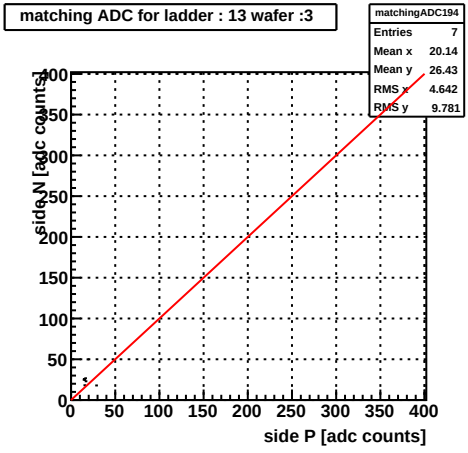

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1345
Mean x 85.16
Mean y 67.02
RMS x 63.48
RMS y 54.23
side N [adc counts]
side P [adc counts]

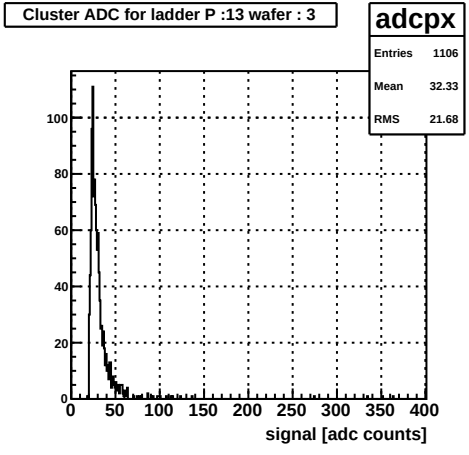

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2188
Mean 103
RMS 72.1
signal [adc counts]

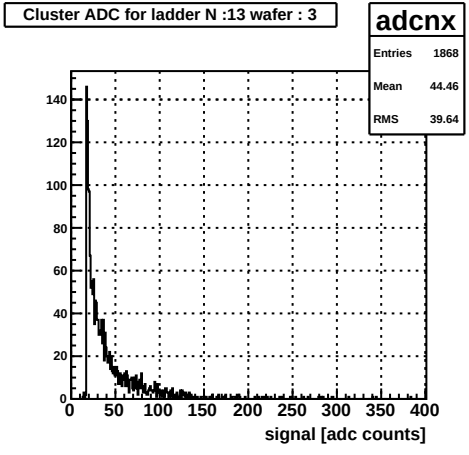

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8855
Mean 31.26
RMS 31.93
signal [adc counts]

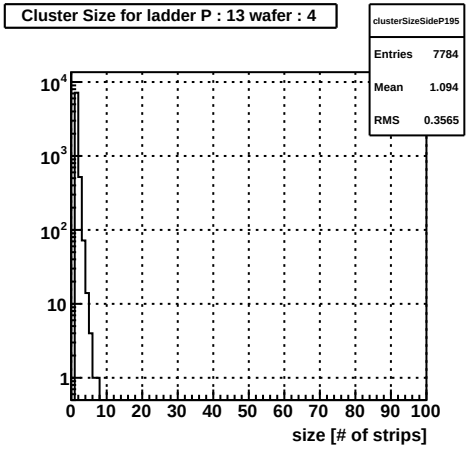

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1106
Mean 1.073
RMS 0.2932
size [# of strips]

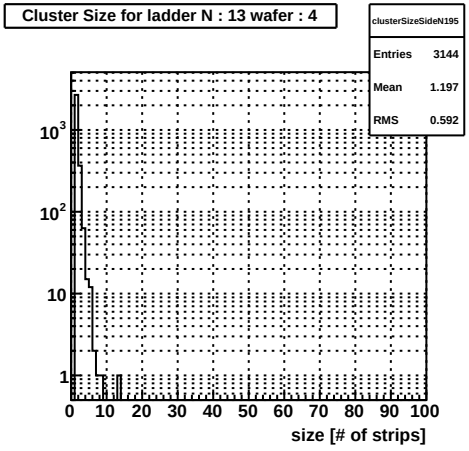

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1868
Mean 1.414
RMS 0.8567
size [# of strips]

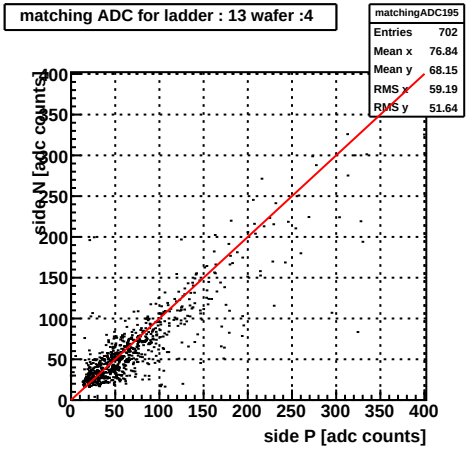

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 7
Mean x 20.14
Mean y 26.43
RMS x 4.642
RMS y 9.781
side N [adc counts]
side P [adc counts]

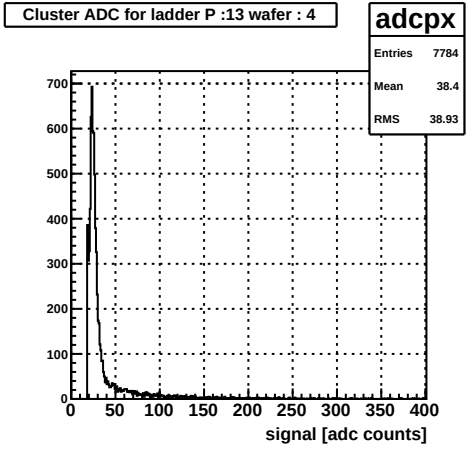

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1106
Mean 32.33
RMS 21.68
signal [adc counts]

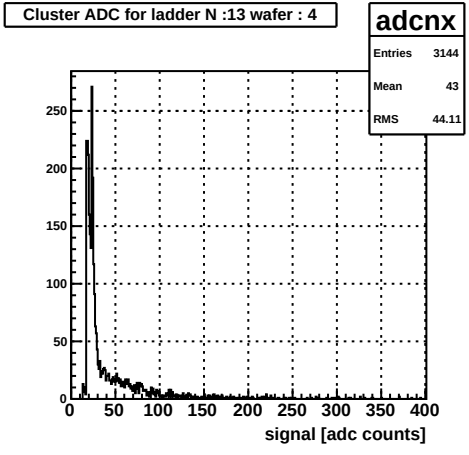

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1868
Mean 44.46
RMS 39.64
signal [adc counts]

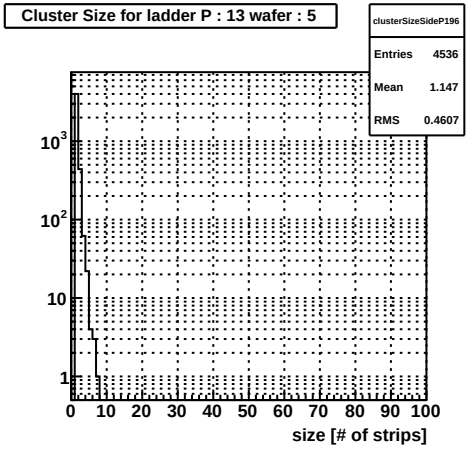

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7784
Mean 1.094
RMS 0.3565
size [# of strips]

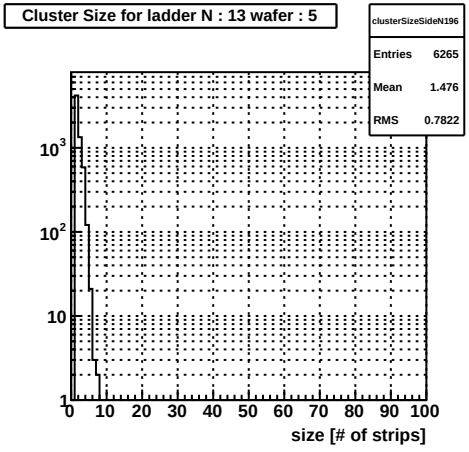

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3144
Mean 1.197
RMS 0.592
size [# of strips]

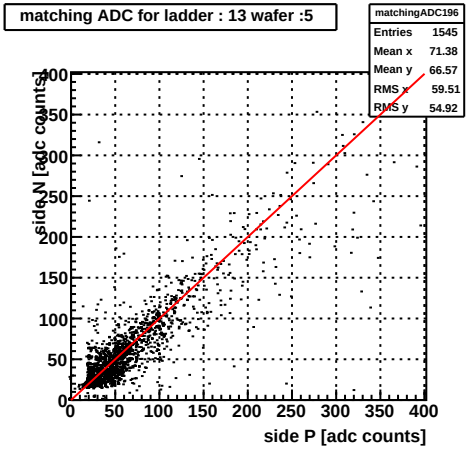

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 702
Mean x 76.84
Mean y 68.15
RMS x 59.19
RMS y 51.64
side N [adc counts]
side P [adc counts]

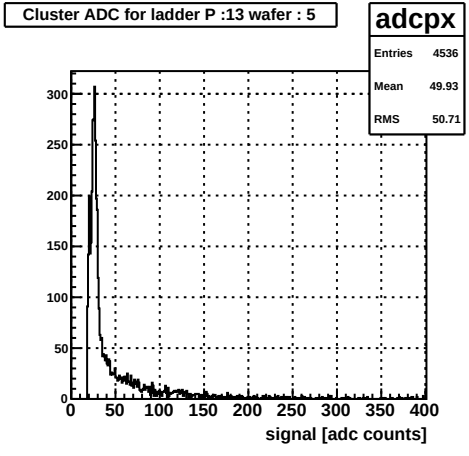

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7784
Mean 38.4
RMS 38.93
signal [adc counts]

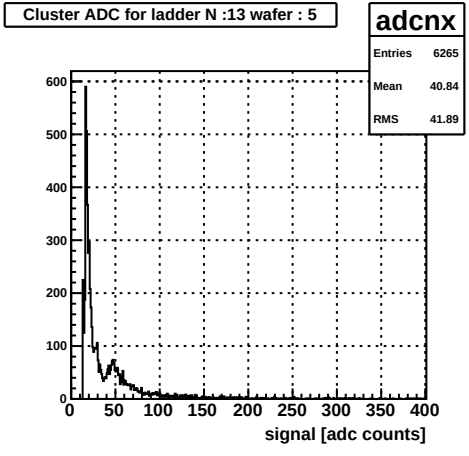

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3144
Mean 43
RMS 44.11
signal [adc counts]

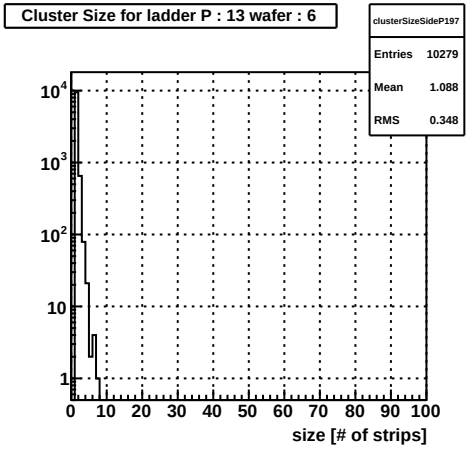

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4536
Mean 1.147
RMS 0.4607
size [# of strips]

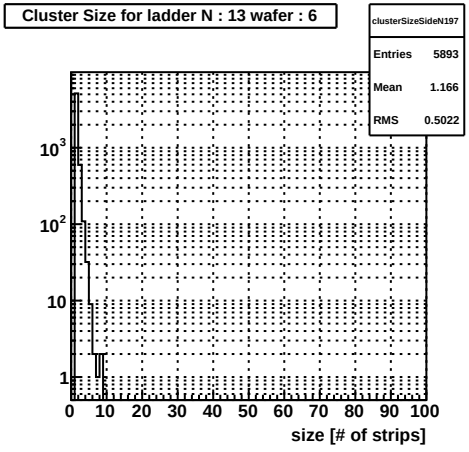

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6265
Mean 1.476
RMS 0.7822
size [# of strips]

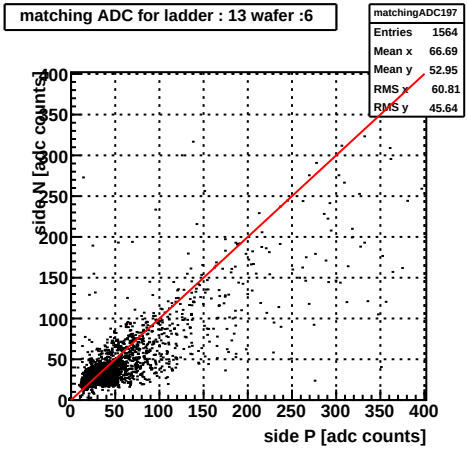

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1545
Mean x 71.38
Mean y 66.57
RMS x 59.51
RMS y 54.92
side N [adc counts]
side P [adc counts]

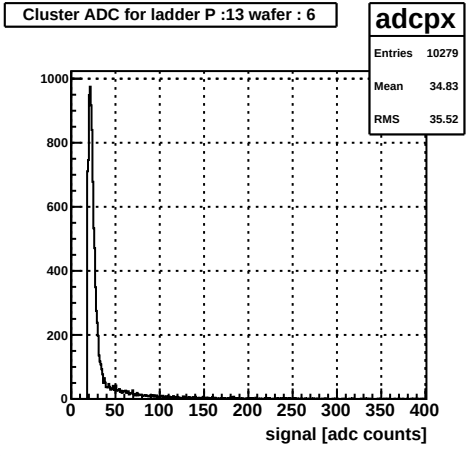

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4536
Mean 49.93
RMS 50.71
signal [adc counts]

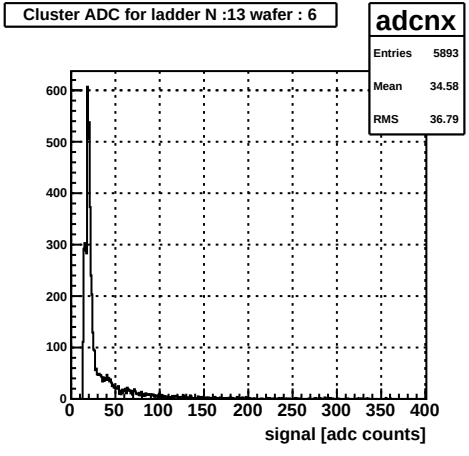

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6265
Mean 40.84
RMS 41.89
signal [adc counts]

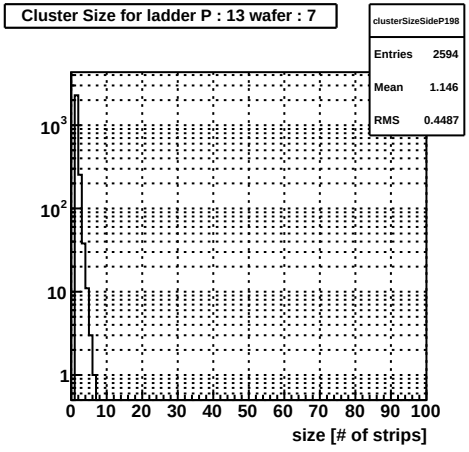

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 10279
Mean 1.088
RMS 0.348
size [# of strips]

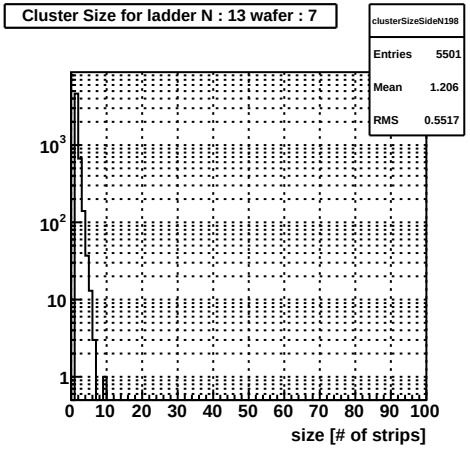

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5893
Mean 1.166
RMS 0.5022
size [# of strips]

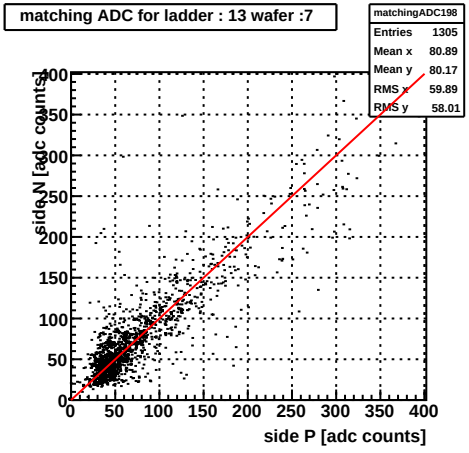

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1564
Mean x 66.69
Mean y 52.95
RMS x 60.81
RMS y 45.64
side N [adc counts]
side P [adc counts]

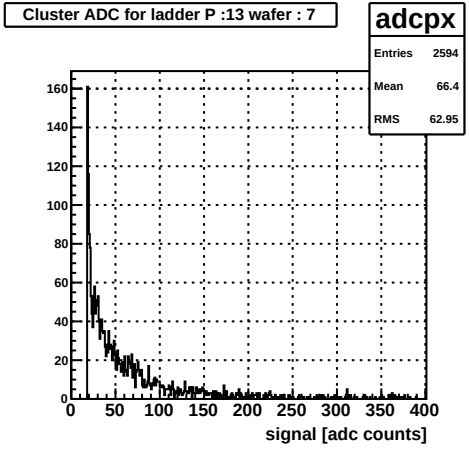

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 10279
Mean 34.83
RMS 35.52
signal [adc counts]

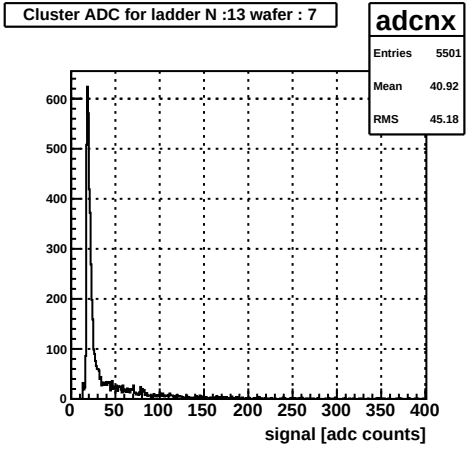

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5893
Mean 34.58
RMS 36.79
signal [adc counts]

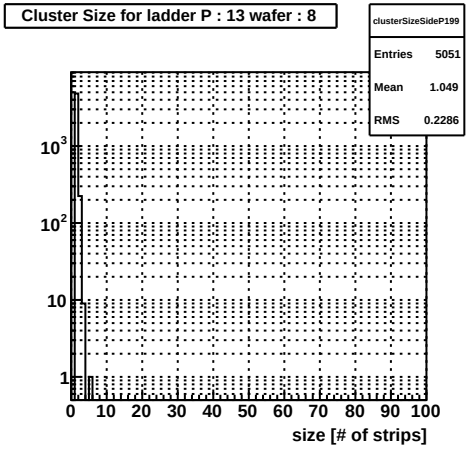

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2594
Mean 1.146
RMS 0.4487
size [# of strips]

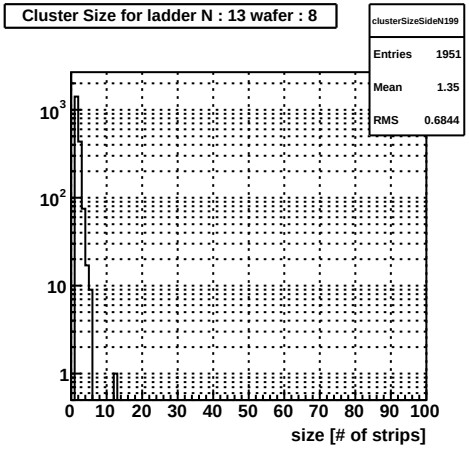

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 5501
Mean 1.206
RMS 0.5517
size [# of strips]

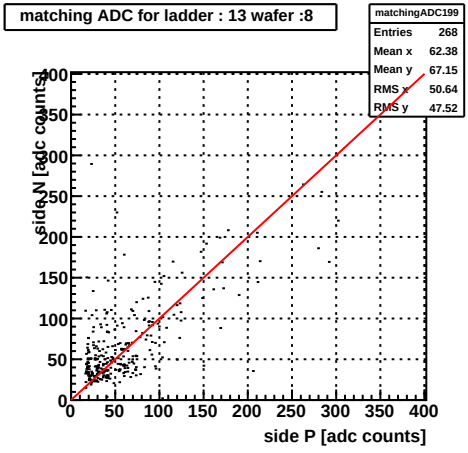

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1305
Mean x 80.89
Mean y 80.17
RMS x 59.89
RMS y 58.01
side N [adc counts]
side P [adc counts]

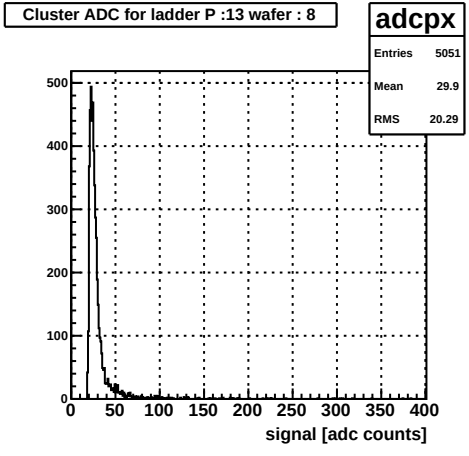

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2594
Mean 66.4
RMS 62.95
signal [adc counts]

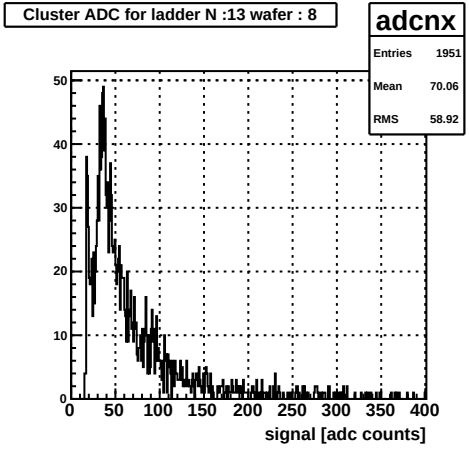

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 5501
Mean 40.92
RMS 45.18
signal [adc counts]

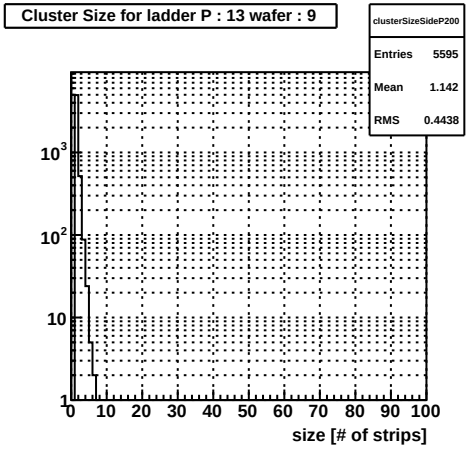

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5051
Mean 1.049
RMS 0.2286
size [# of strips]

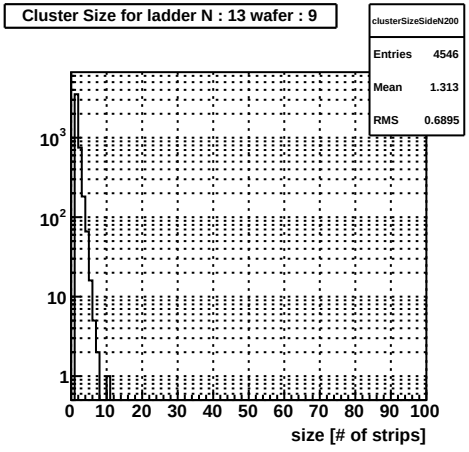

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1951
Mean 1.35
RMS 0.6844
size [# of strips]

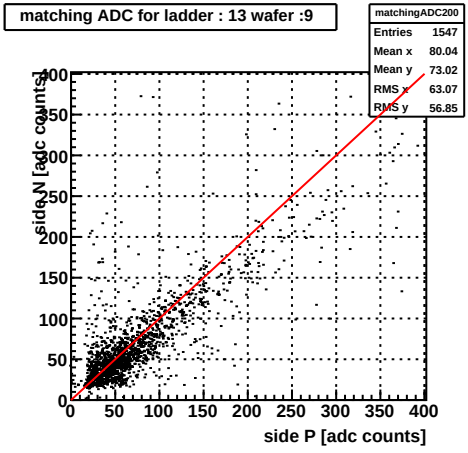

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 268
Mean x 62.38
Mean y 67.15
RMS x 50.64
RMS y 47.52
side N [adc counts]
side P [adc counts]

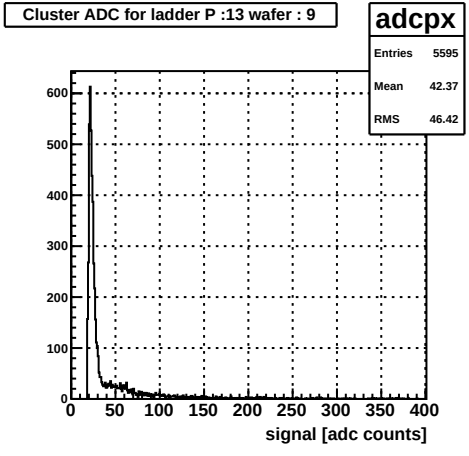

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5051
Mean 29.9
RMS 20.29
signal [adc counts]

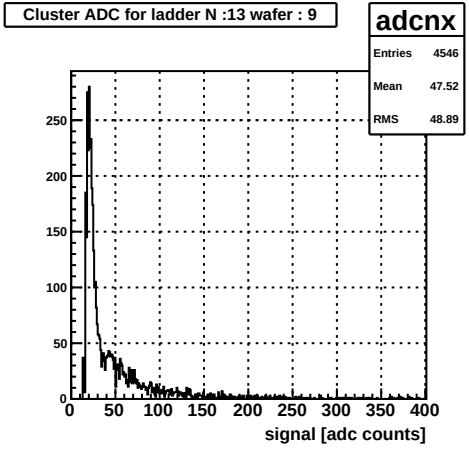

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1951
Mean 70.06
RMS 58.92
signal [adc counts]

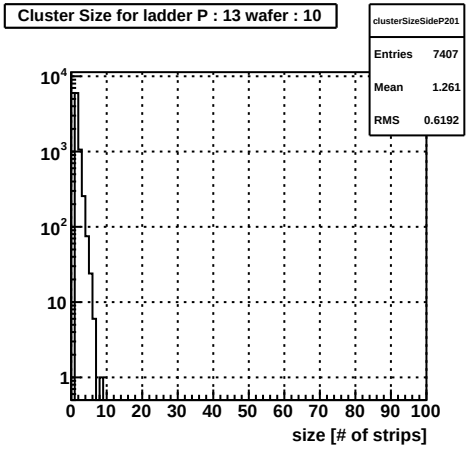

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5595
Mean 1.142
RMS 0.4438
size [# of strips]

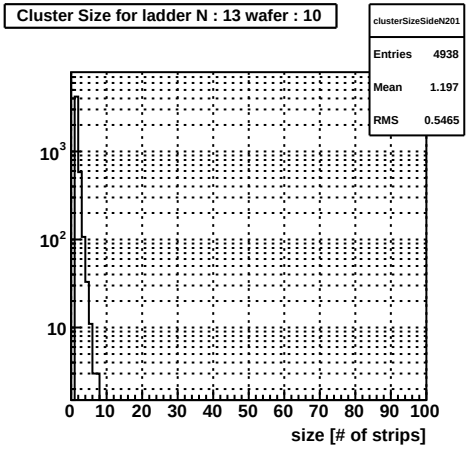

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4546
Mean 1.313
RMS 0.6895
size [# of strips]

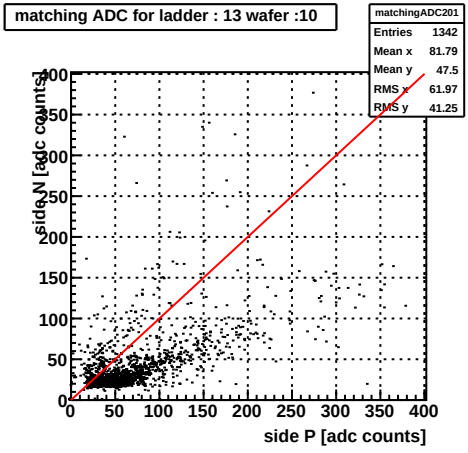

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1547
Mean x 80.04
Mean y 73.02
RMS x 63.07
RMS y 56.85
side N [adc counts]
side P [adc counts]

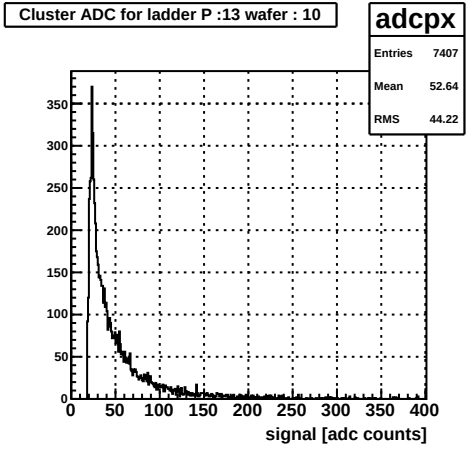

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5595
Mean 42.37
RMS 46.42
signal [adc counts]

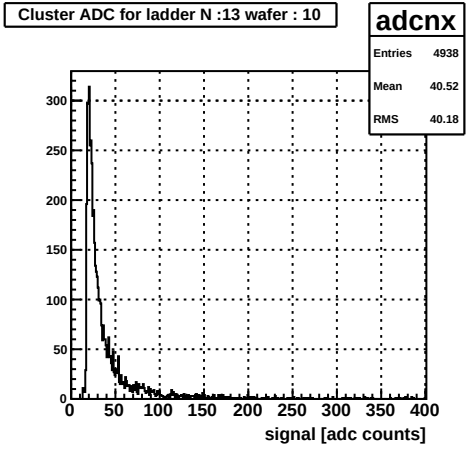

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4546
Mean 47.52
RMS 48.89
signal [adc counts]

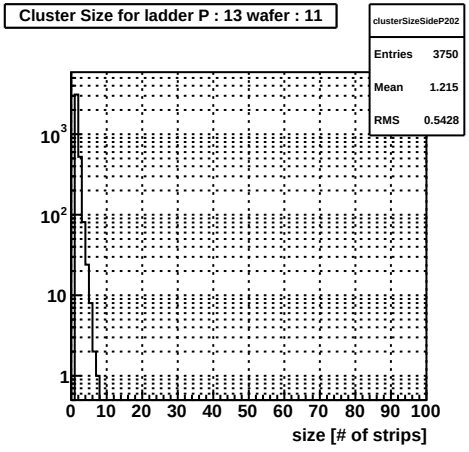

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7407
Mean 1.261
RMS 0.6192
size [# of strips]

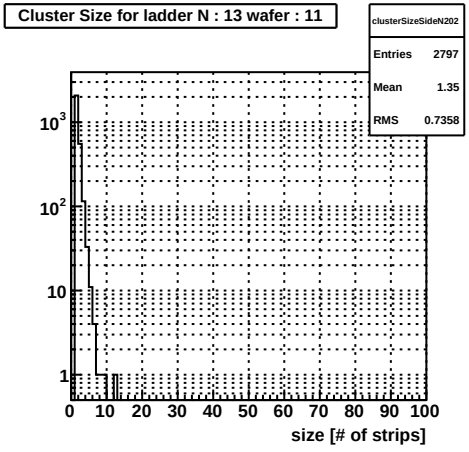

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4938
Mean 1.197
RMS 0.5465
size [# of strips]

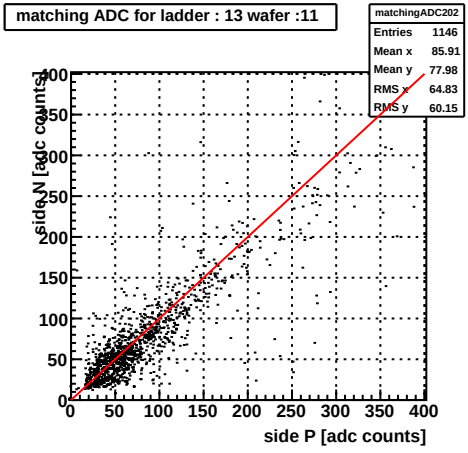

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1342
Mean x 81.79
Mean y 47.5
RMS x 61.97
RMS y 41.25
side N [adc counts]
side P [adc counts]

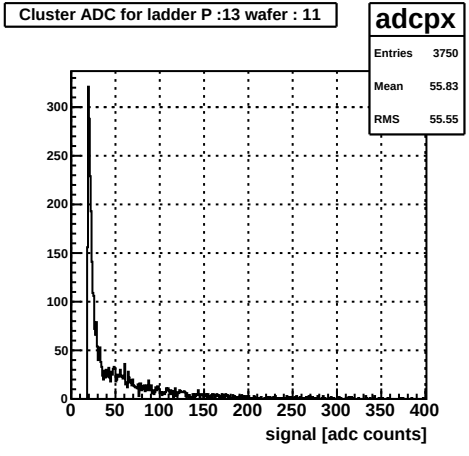

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7407
Mean 52.64
RMS 44.22
signal [adc counts]

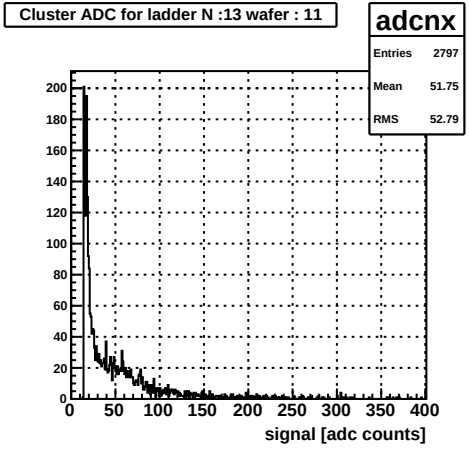

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4938
Mean 40.52
RMS 40.18
signal [adc counts]

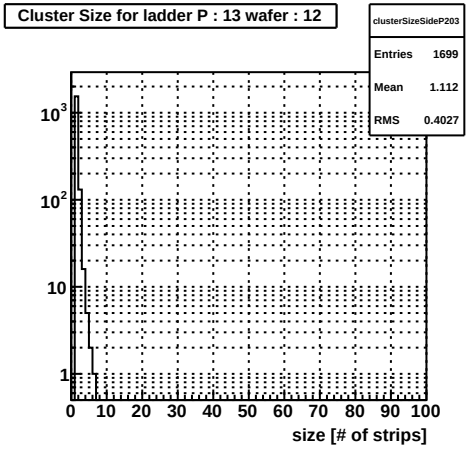

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3750
Mean 1.215
RMS 0.5428
size [# of strips]

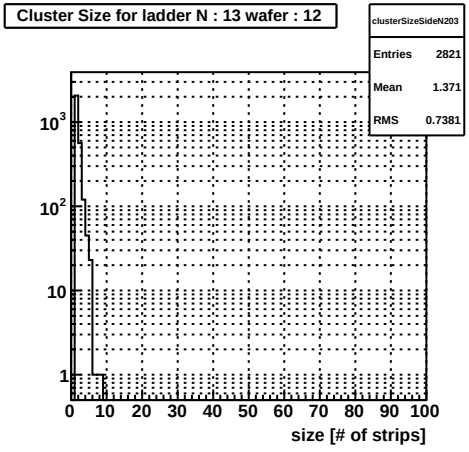

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2797
Mean 1.35
RMS 0.7358
size [# of strips]

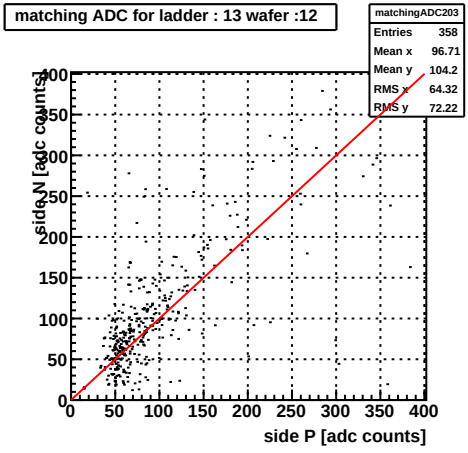

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1146
Mean x 85.91
Mean y 77.98
RMS x 64.83
RMS y 60.15
side N [adc counts]
side P [adc counts]

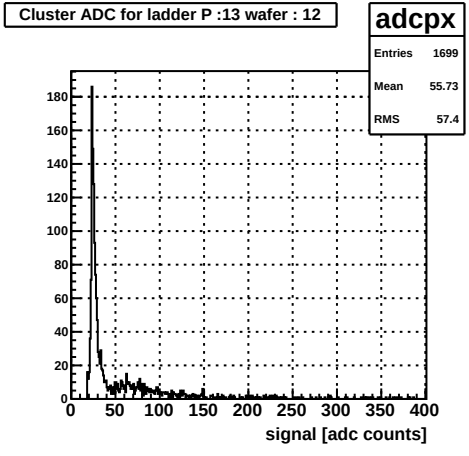

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3750
Mean 55.83
RMS 55.55
signal [adc counts]

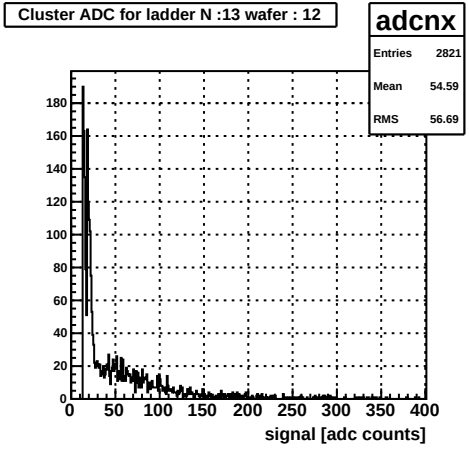

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2797
Mean 51.75
RMS 52.79
signal [adc counts]

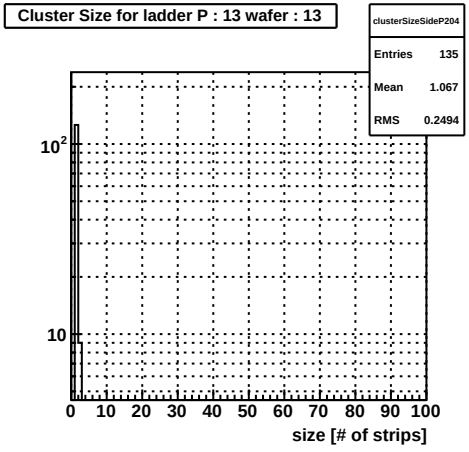

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1699
Mean 1.112
RMS 0.4027
size [# of strips]

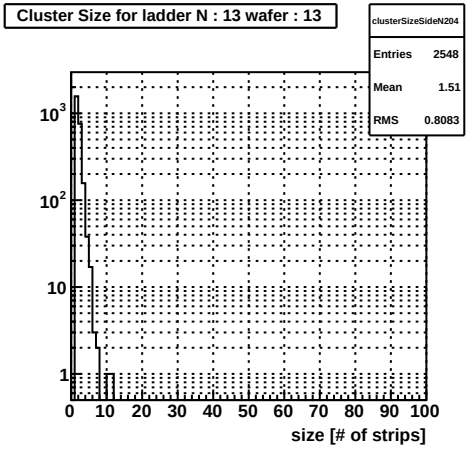

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2821
Mean 1.371
RMS 0.7381
size [# of strips]

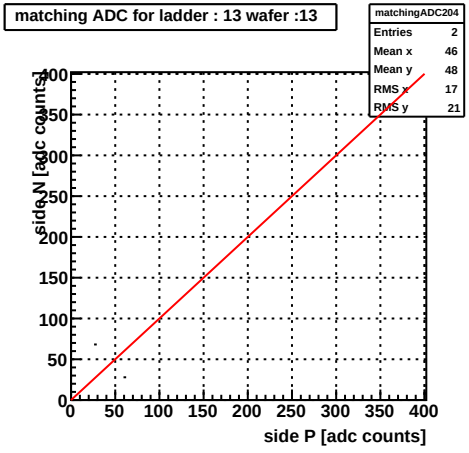

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 358
Mean x 96.71
Mean y 104.2
RMS x 64.32
RMS y 72.22
side N [adc counts]
side P [adc counts]

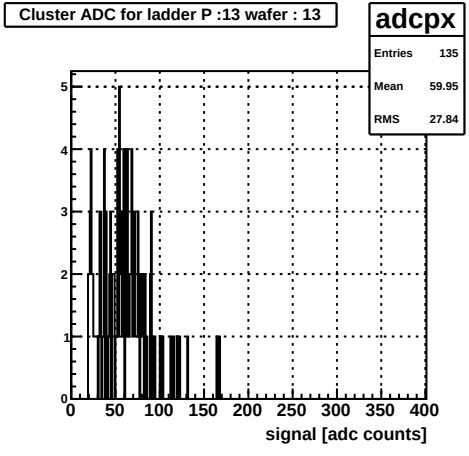

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1699
Mean 55.73
RMS 57.4
signal [adc counts]

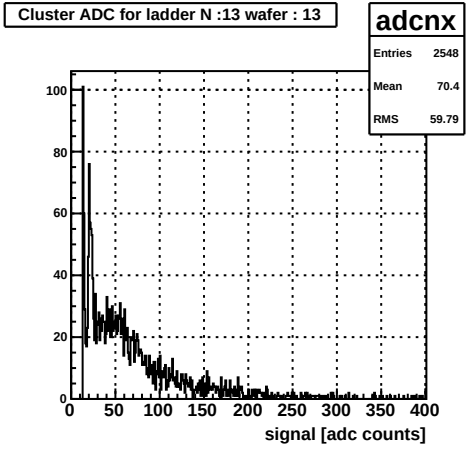

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2821
Mean 54.59
RMS 56.69
signal [adc counts]

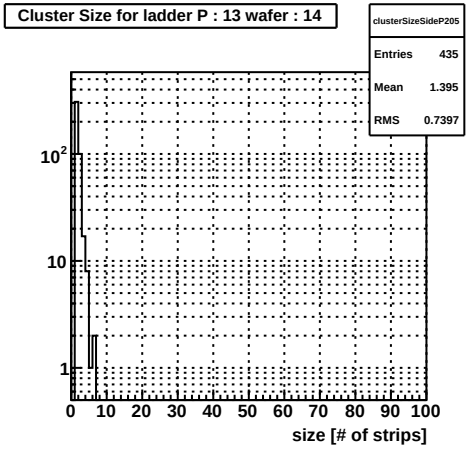

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 135
Mean 1.067
RMS 0.2494
size [# of strips]

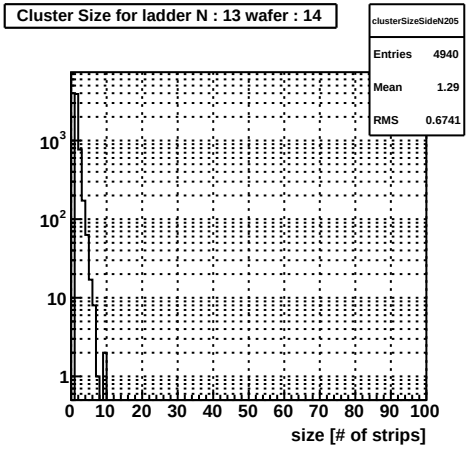

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2548
Mean 1.51
RMS 0.8083
size [# of strips]

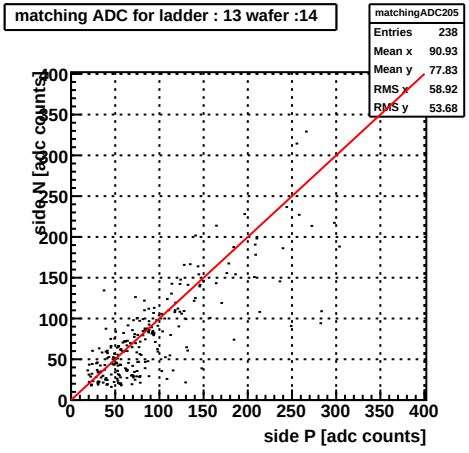

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 46
Mean y 48
RMS x 17
RMS y 21
side N [adc counts]
side P [adc counts]

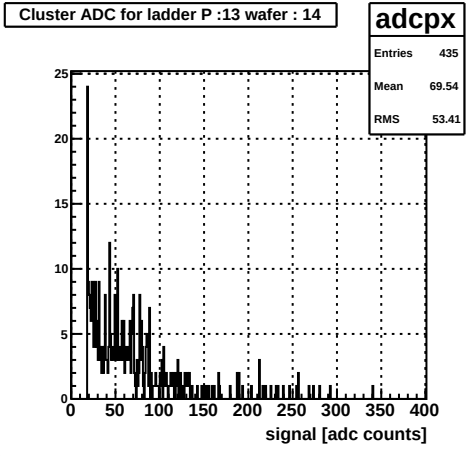

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 135
Mean 59.95
RMS 27.84
signal [adc counts]

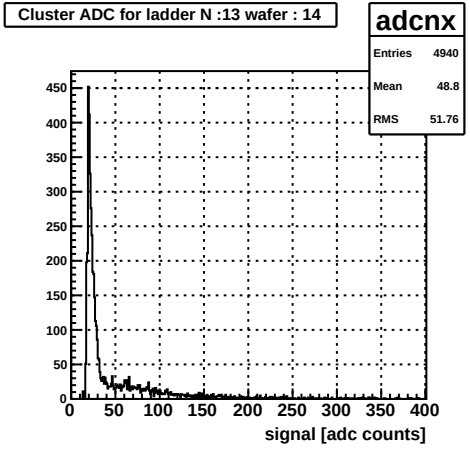

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2548
Mean 70.4
RMS 59.79
signal [adc counts]

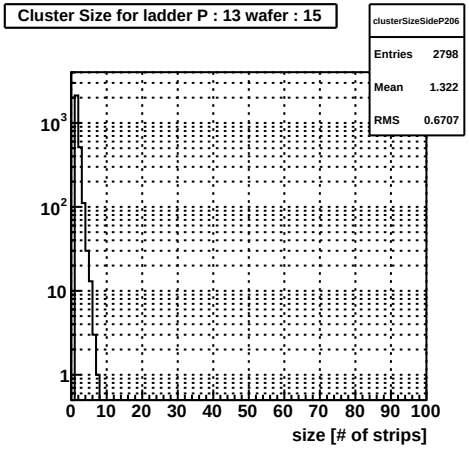

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 435
Mean 1.395
RMS 0.7397
size [# of strips]

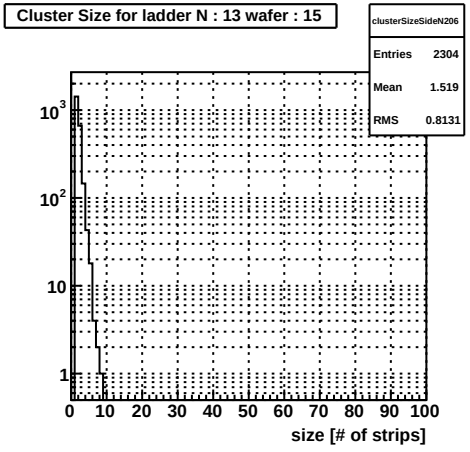

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4940
Mean 1.29
RMS 0.6741
size [# of strips]

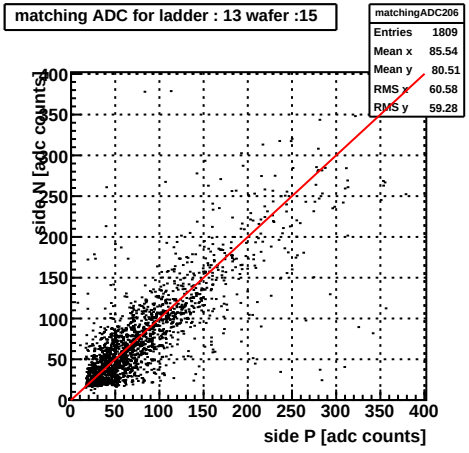

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 238
Mean x 90.93
Mean y 77.83
RMS x 58.92
RMS y 53.68
side N [adc counts]
side P [adc counts]

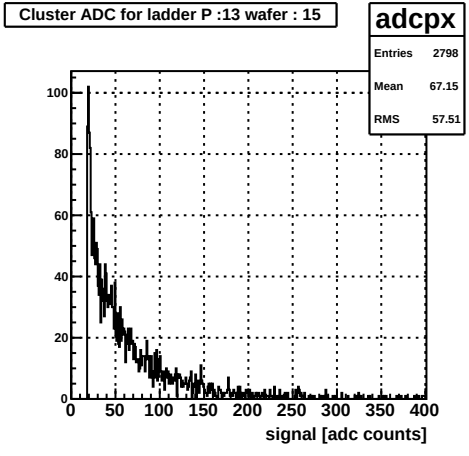

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 435
Mean 69.54
RMS 53.41
signal [adc counts]

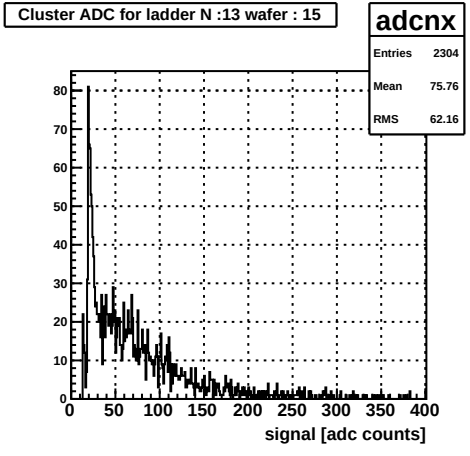

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4940
Mean 48.8
RMS 51.76
signal [adc counts]

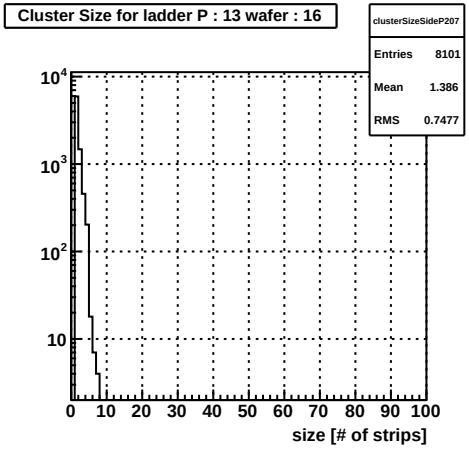

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2798
Mean 1.322
RMS 0.6707
size [# of strips]

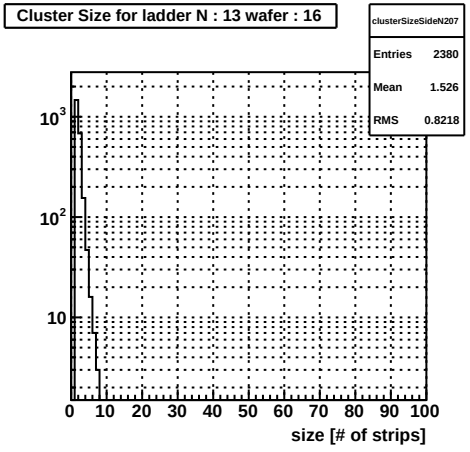

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2304
Mean 1.519
RMS 0.8131
size [# of strips]

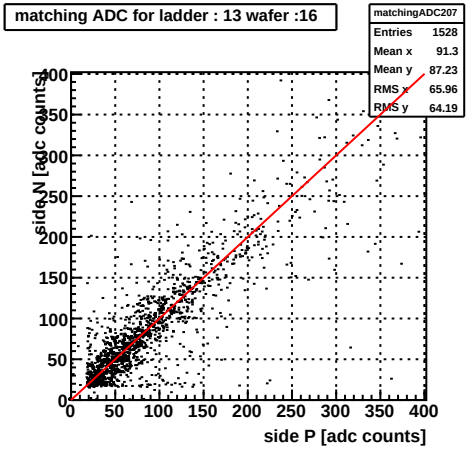

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1809
Mean x 85.54
Mean y 80.51
RMS x 60.58
RMS y 59.28
side N [adc counts]
side P [adc counts]

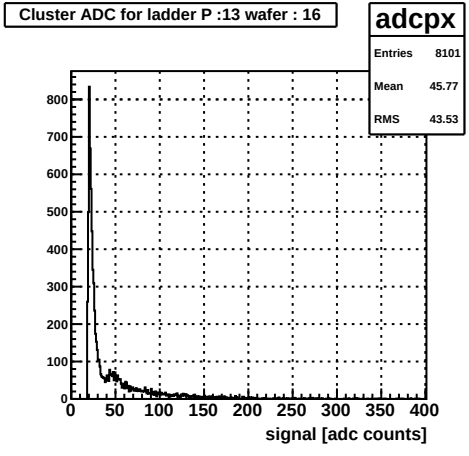

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2798
Mean 67.15
RMS 57.51
signal [adc counts]

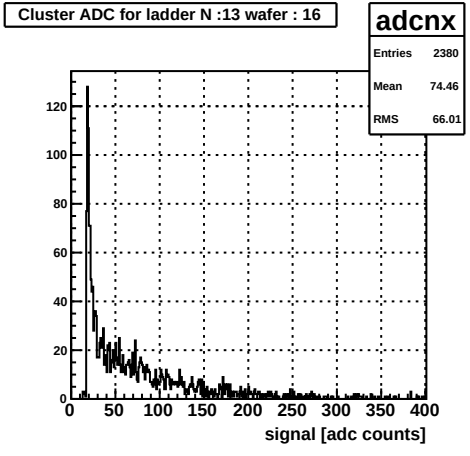

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2304
Mean 75.76
RMS 62.16
signal [adc counts]

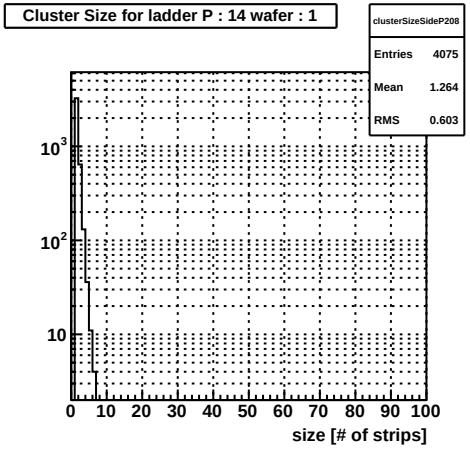

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8101
Mean 1.386
RMS 0.7477
size [# of strips]

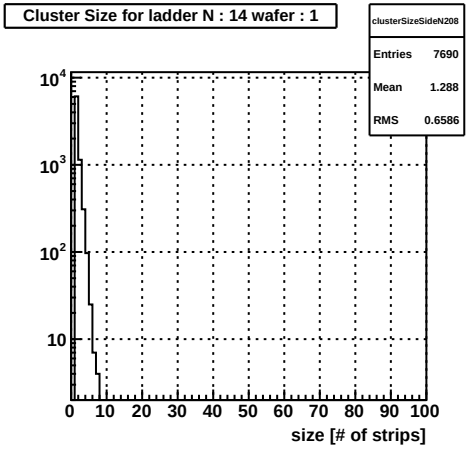

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2380
Mean 1.526
RMS 0.8218
size [# of strips]

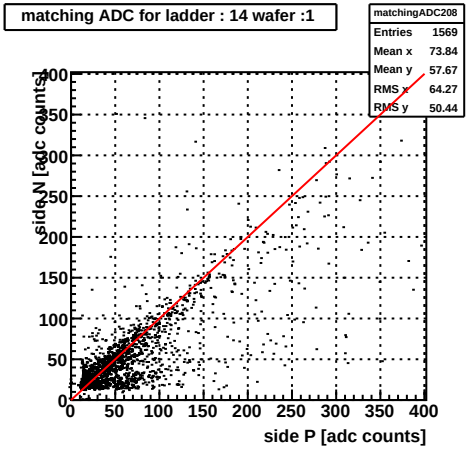

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1528
Mean x 91.3
Mean y 87.23
RMS x 65.96
RMS y 64.19
side N [adc counts]
side P [adc counts]

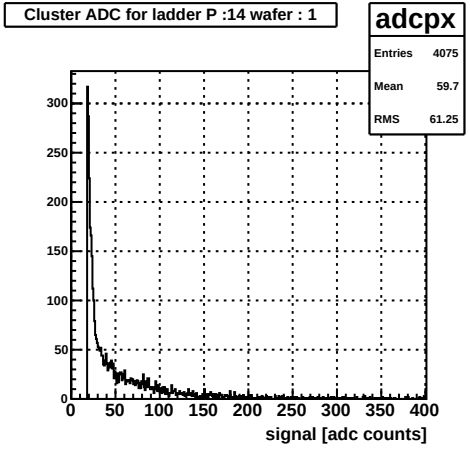

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8101
Mean 45.77
RMS 43.53
signal [adc counts]

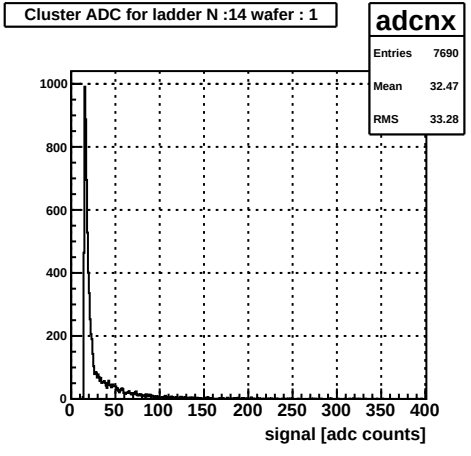

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2380
Mean 74.46
RMS 66.01
signal [adc counts]

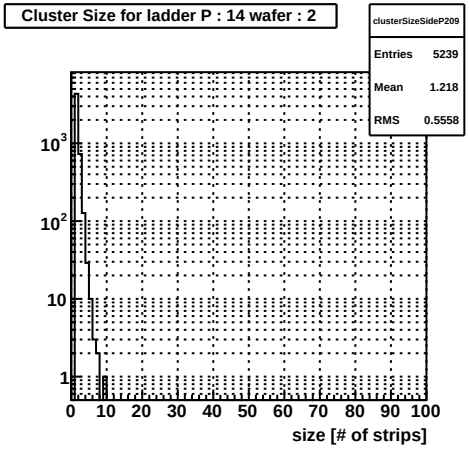

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4075
Mean 1.264
RMS 0.603
size [# of strips]

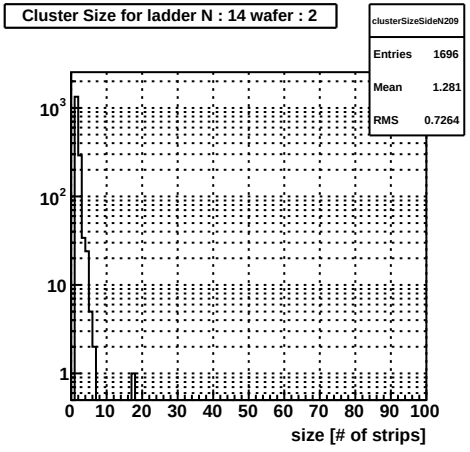

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7690
Mean 1.288
RMS 0.6586
size [# of strips]

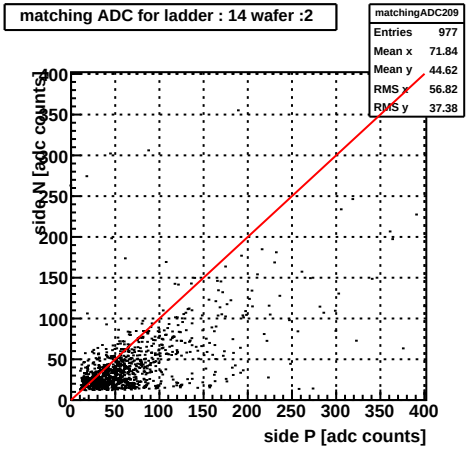

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1569
Mean x 73.84
Mean y 57.67
RMS x 64.27
RMS y 50.44
side N [adc counts]
side P [adc counts]

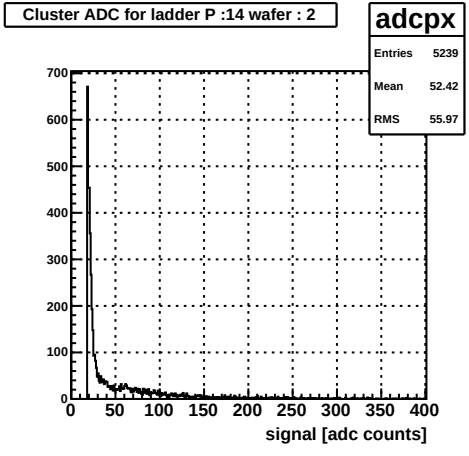

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4075
Mean 59.7
RMS 61.25
signal [adc counts]

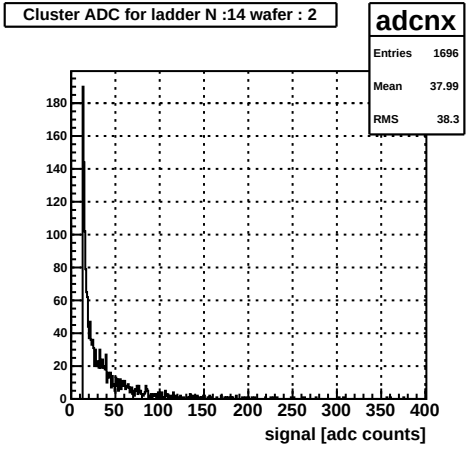

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7690
Mean 32.47
RMS 33.28
signal [adc counts]

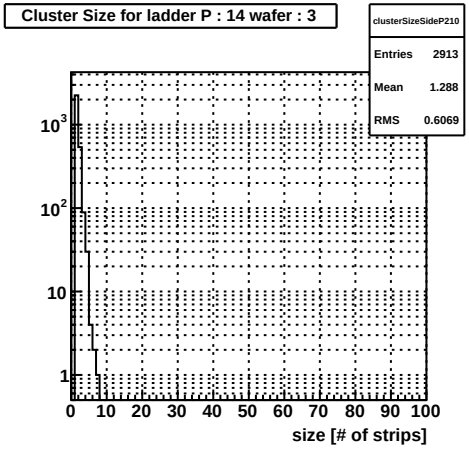

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5239
Mean 1.218
RMS 0.5558
size [# of strips]

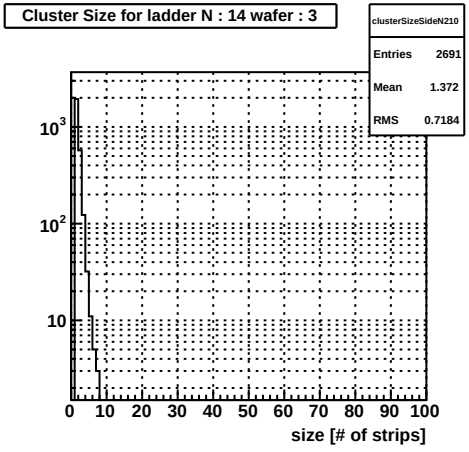

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1696
Mean 1.281
RMS 0.7264
size [# of strips]

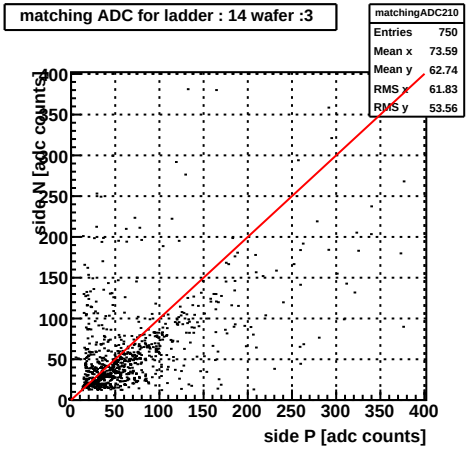

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 977
Mean x 71.84
Mean y 44.62
RMS x 56.82
RMS y 37.38
side N [adc counts]
side P [adc counts]

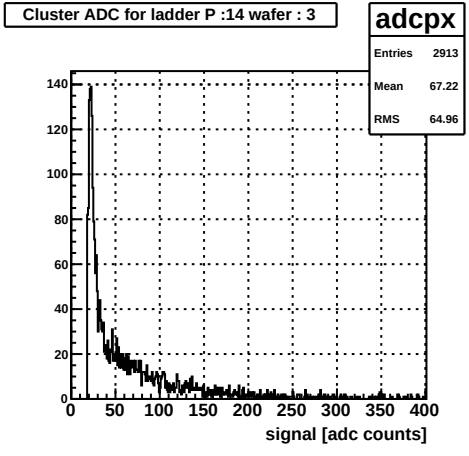

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5239
Mean 52.42
RMS 55.97
signal [adc counts]

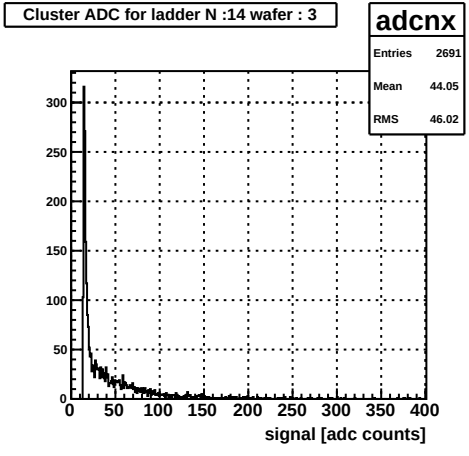

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1696
Mean 37.99
RMS 38.3
signal [adc counts]

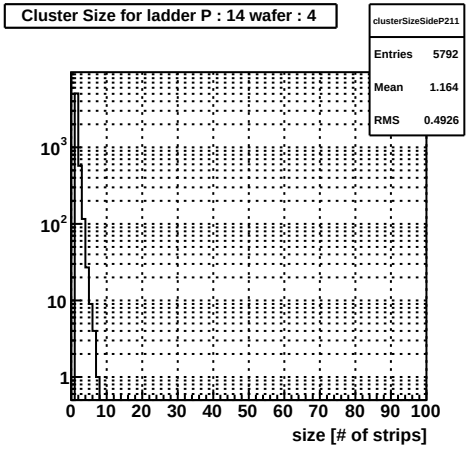

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2913
Mean 1.288
RMS 0.6069
size [# of strips]

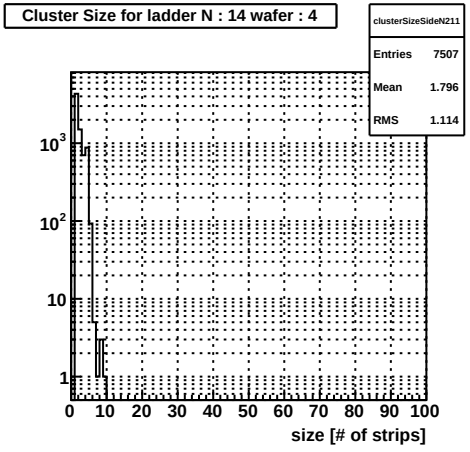

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2691
Mean 1.372
RMS 0.7184
size [# of strips]

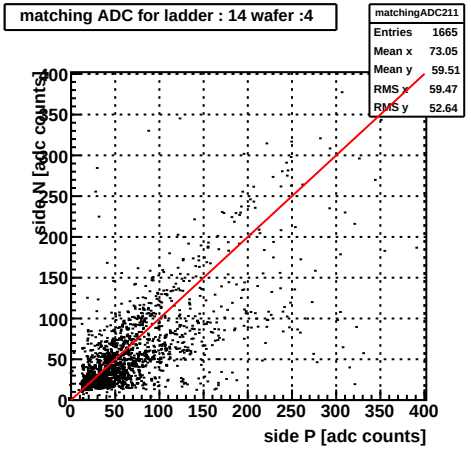

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 750
Mean x 73.59
Mean y 62.74
RMS x 61.83
RMS y 53.56
side N [adc counts]
side P [adc counts]

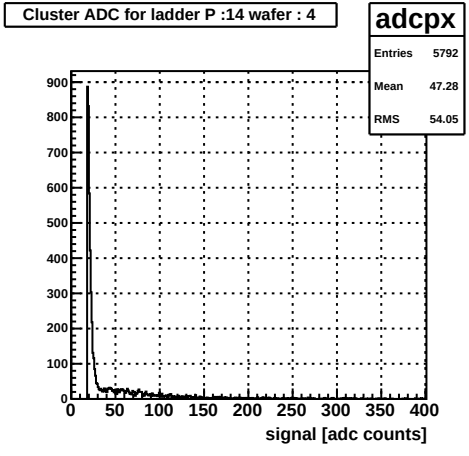

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2913
Mean 67.22
RMS 64.96
signal [adc counts]

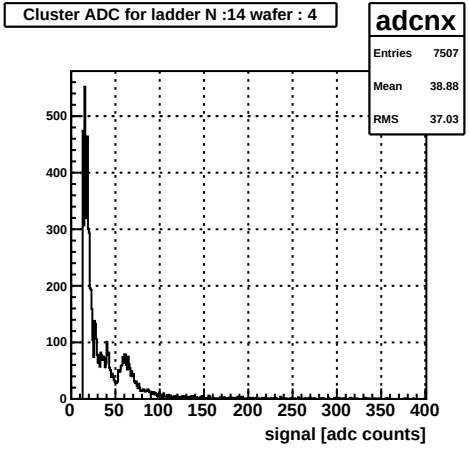

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2691
Mean 44.05
RMS 46.02
signal [adc counts]

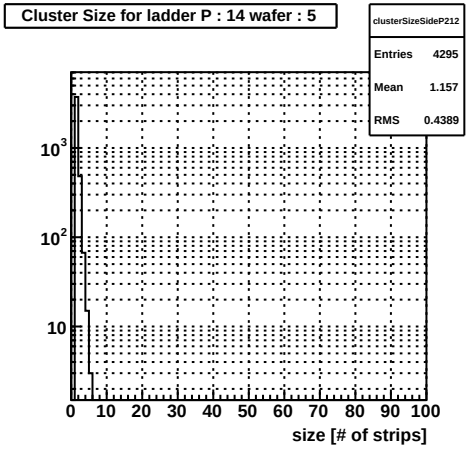

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5792
Mean 1.164
RMS 0.4926
size [# of strips]

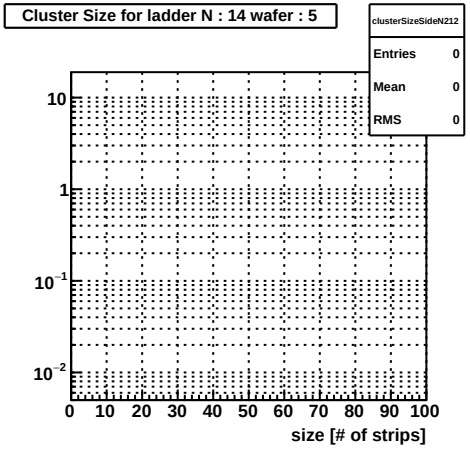

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7507
Mean 1.796
RMS 1.114
size [# of strips]

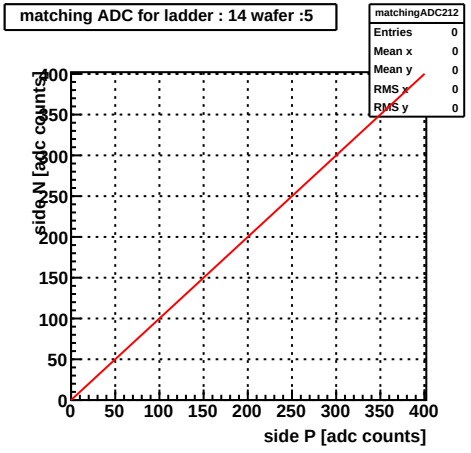

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1665
Mean x 73.05
Mean y 59.51
RMS x 59.47
RMS y 52.64
side N [adc counts]
side P [adc counts]

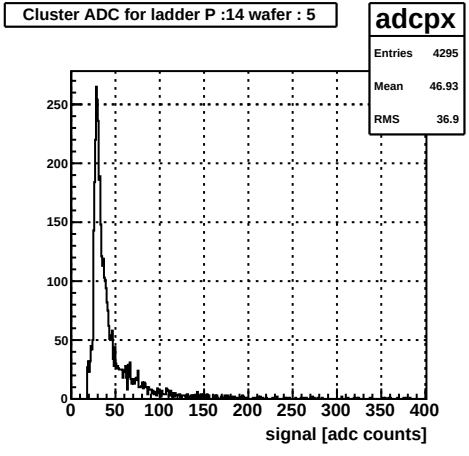

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5792
Mean 47.28
RMS 54.05
signal [adc counts]

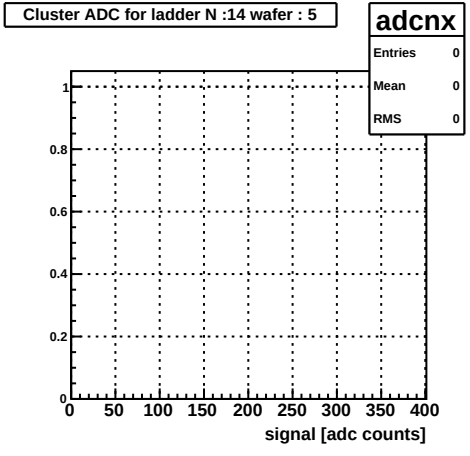

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7507
Mean 38.88
RMS 37.03
signal [adc counts]

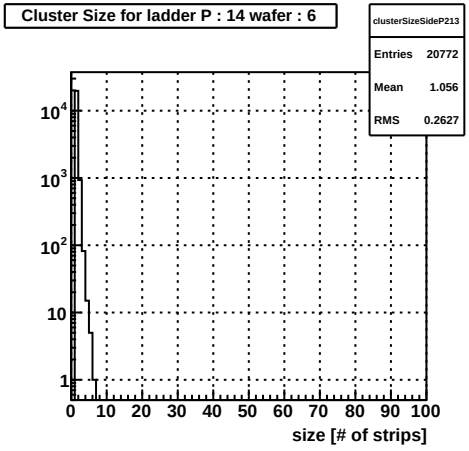

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4295
Mean 1.157
RMS 0.4389
size [# of strips]

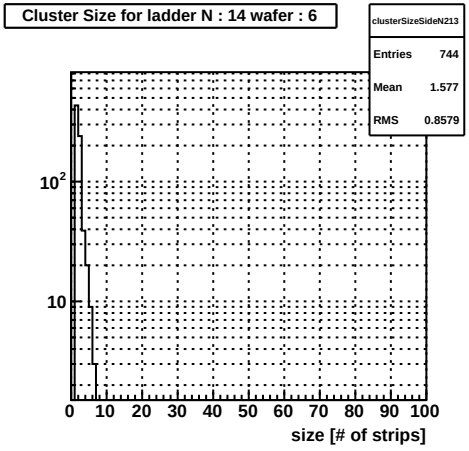

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

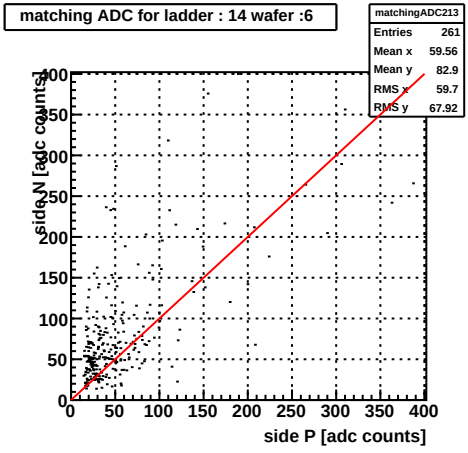

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

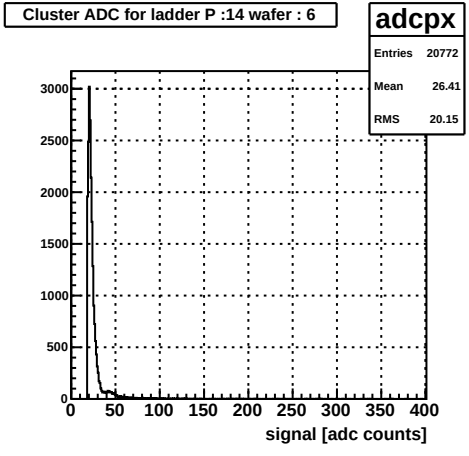

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4295
Mean 46.93
RMS 36.9
signal [adc counts]

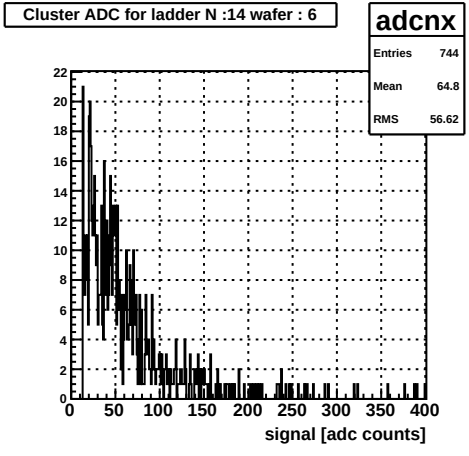

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

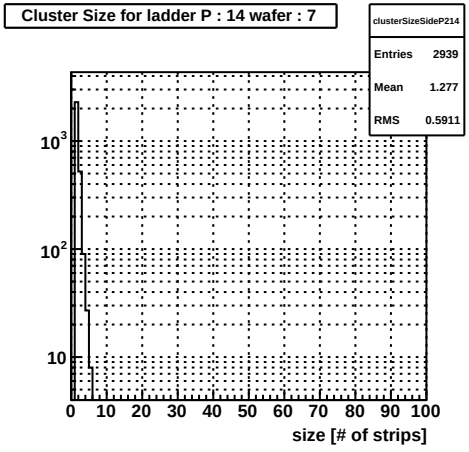

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 20772
Mean 1.056
RMS 0.2627
size [# of strips]

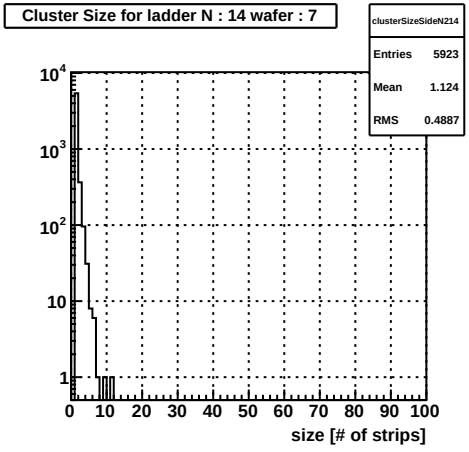

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 744
Mean 1.577
RMS 0.8579
size [# of strips]

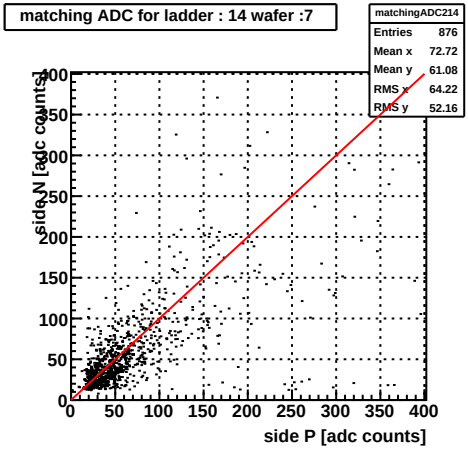

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 261
Mean x 59.56
Mean y 82.9
RMS x 59.7
RMS y 67.92
side N [adc counts]
side P [adc counts]

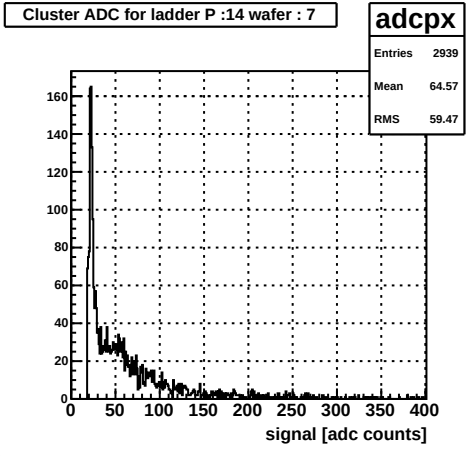

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 20772
Mean 26.41
RMS 20.15
signal [adc counts]

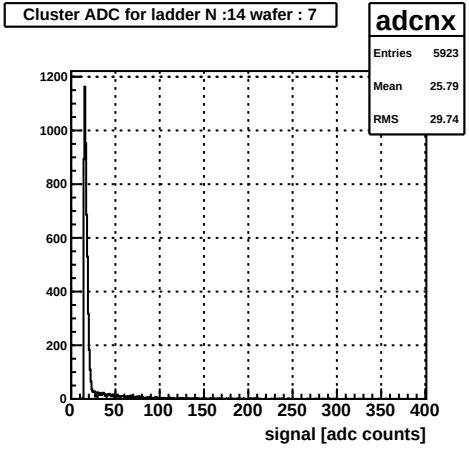

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 744
Mean 64.8
RMS 56.62
signal [adc counts]

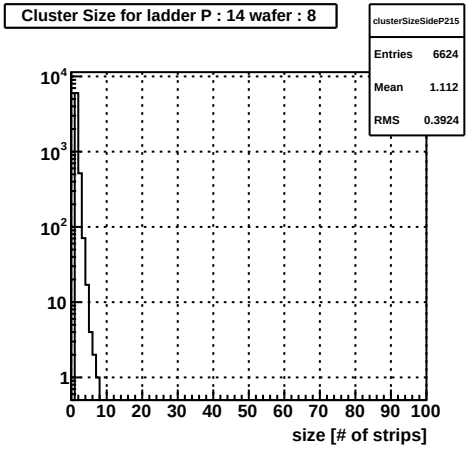

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2939
Mean 1.277
RMS 0.5911
size [# of strips]

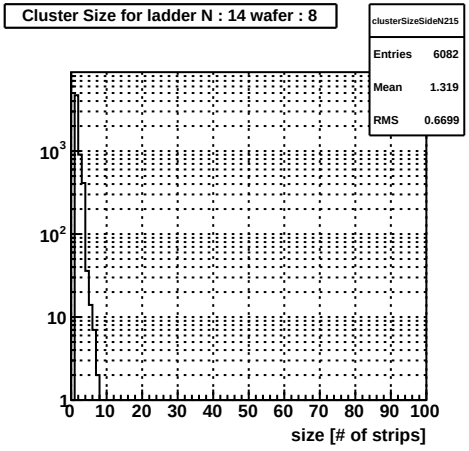

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5923
Mean 1.124
RMS 0.4887
size [# of strips]

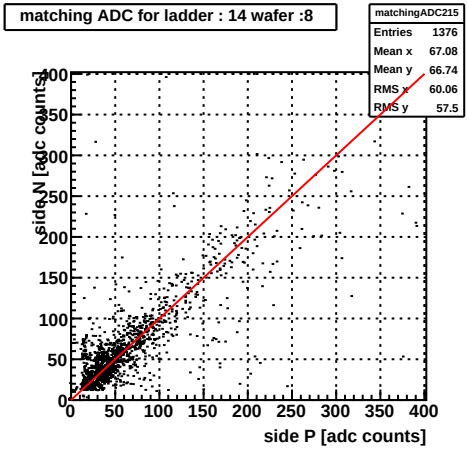

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 876
Mean x 72.72
Mean y 61.08
RMS x 64.22
RMS y 52.16
side N [adc counts]
side P [adc counts]

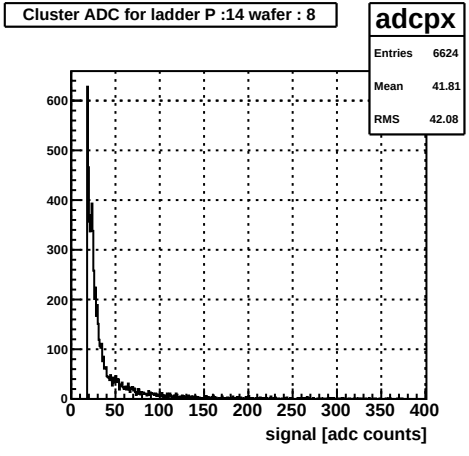

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2939
Mean 64.57
RMS 59.47
signal [adc counts]

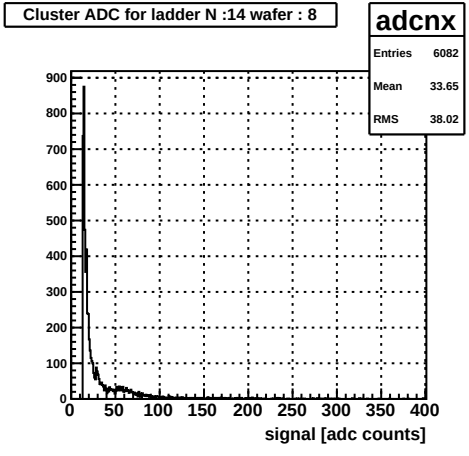

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5923
Mean 25.79
RMS 29.74
signal [adc counts]

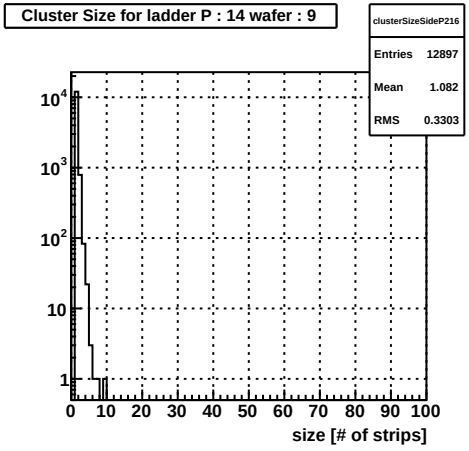

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 6624
Mean 1.112
RMS 0.3924
size [# of strips]

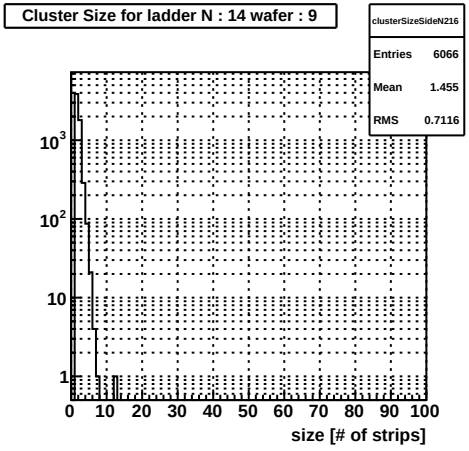

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 6082
Mean 1.319
RMS 0.6699
size [# of strips]

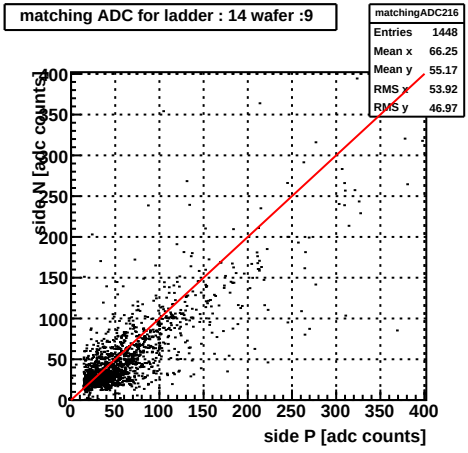

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1376
Mean x 67.08
Mean y 66.74
RMS x 60.06
RMS y 57.5
side N [adc counts]
side P [adc counts]

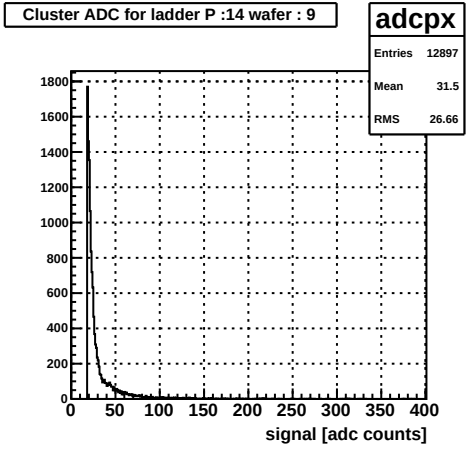

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 6624
Mean 41.81
RMS 42.08
signal [adc counts]

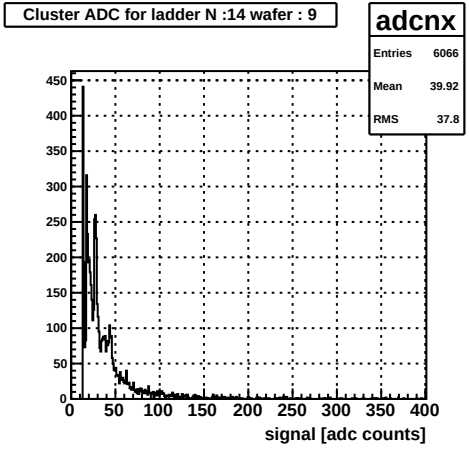

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 6082
Mean 33.65
RMS 38.02
signal [adc counts]

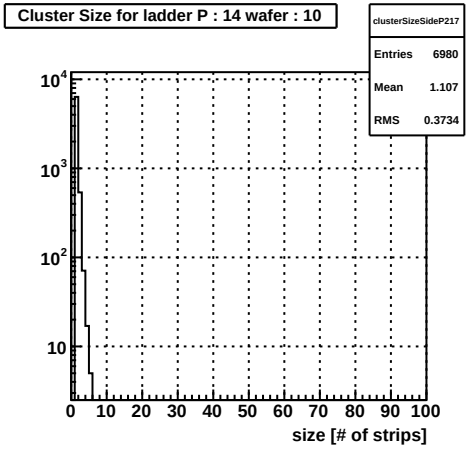

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12897
Mean 1.082
RMS 0.3303
size [# of strips]

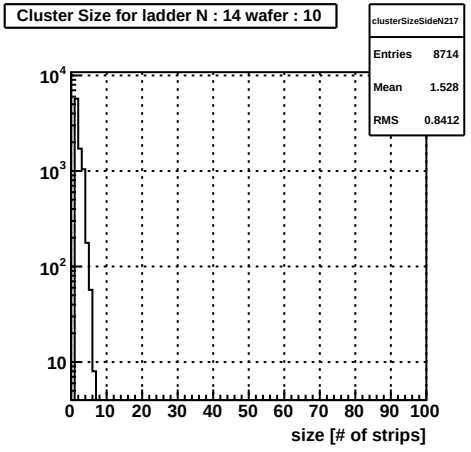

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6066
Mean 1.455
RMS 0.7116
size [# of strips]

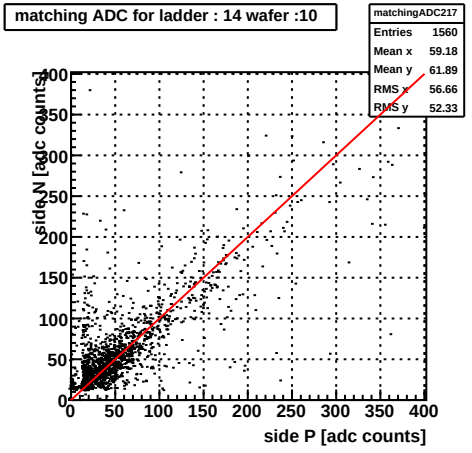

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1448
Mean x 66.25
Mean y 55.17
RMS x 53.92
RMS y 46.97
side N [adc counts]
side P [adc counts]

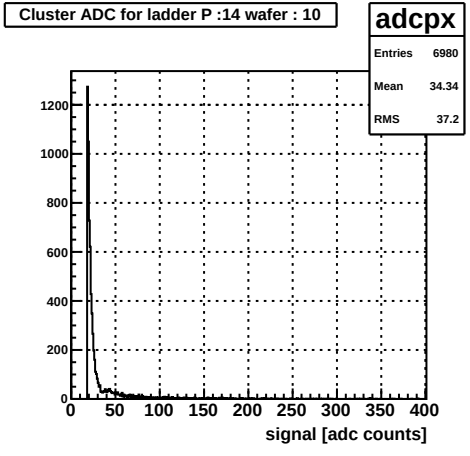

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12897
Mean 31.5
RMS 26.66
signal [adc counts]

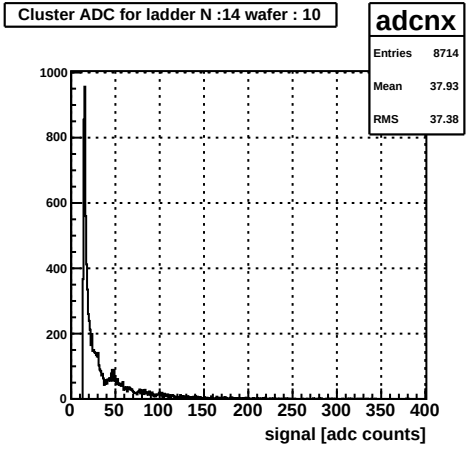

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6066
Mean 39.92
RMS 37.8
signal [adc counts]

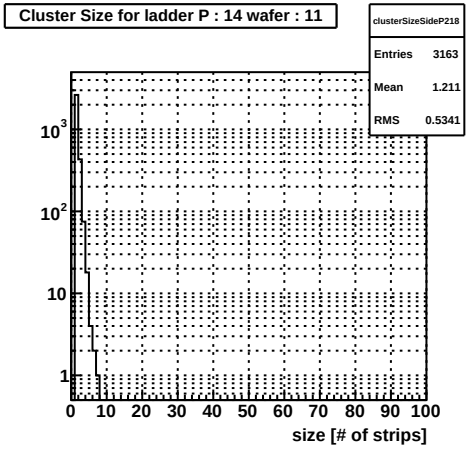

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6980
Mean 1.107
RMS 0.3734
size [# of strips]

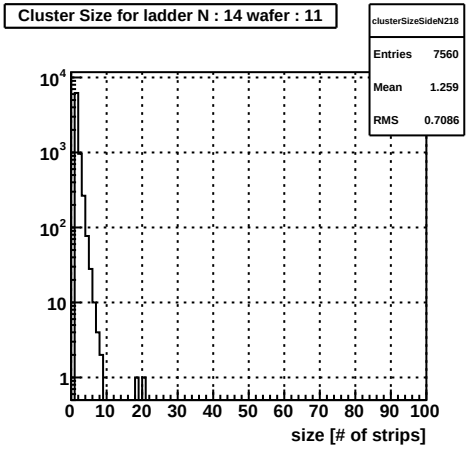

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8714
Mean 1.528
RMS 0.8412
size [# of strips]

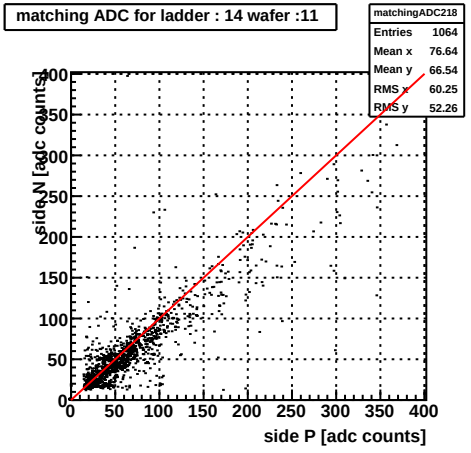

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1560
Mean x 59.18
Mean y 61.89
RMS x 56.66
RMS y 52.33
side N [adc counts]
side P [adc counts]

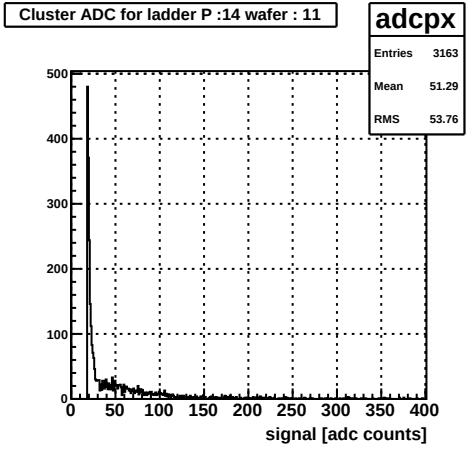

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6980
Mean 34.34
RMS 37.2
signal [adc counts]

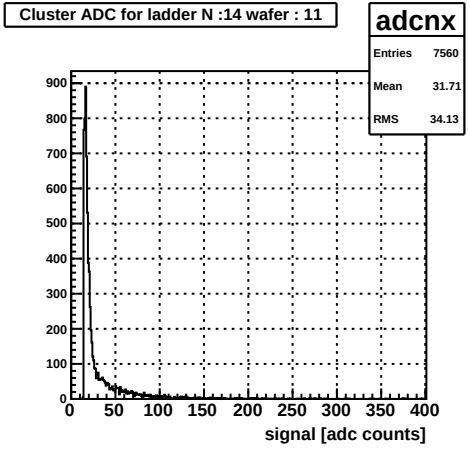

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8714
Mean 37.93
RMS 37.38
signal [adc counts]

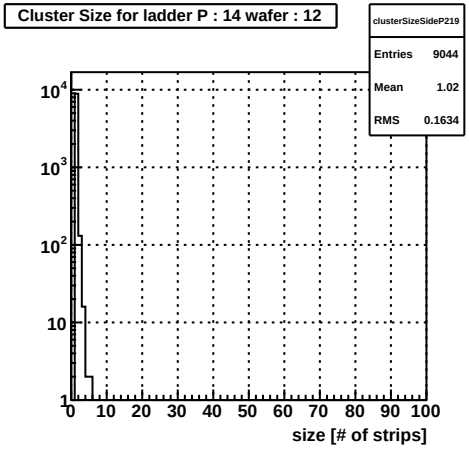

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3163
Mean 1.211
RMS 0.5341
size [# of strips]

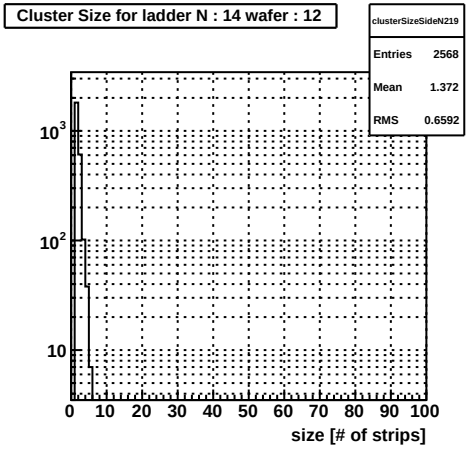

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7560
Mean 1.259
RMS 0.7086
size [# of strips]

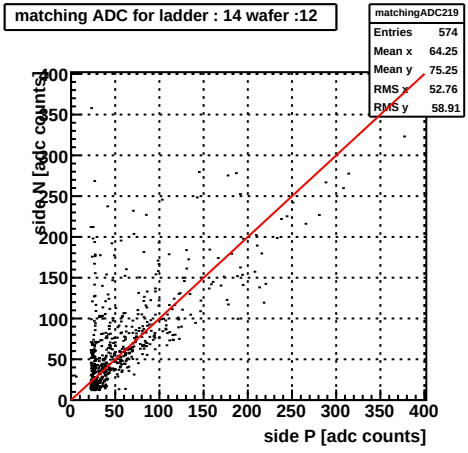

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 1064
Mean x 76.64
Mean y 66.54
RMS x 60.25
RMS y 52.26
side N [adc counts]
side P [adc counts]

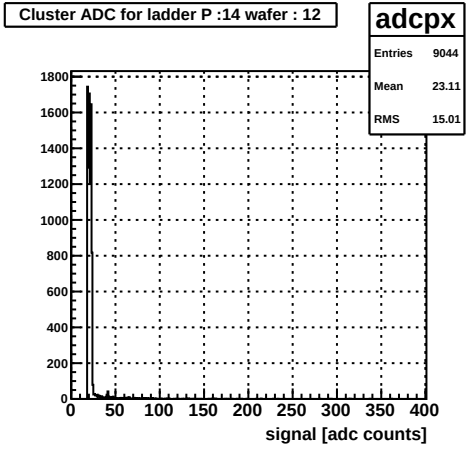

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3163
Mean 51.29
RMS 53.76
signal [adc counts]

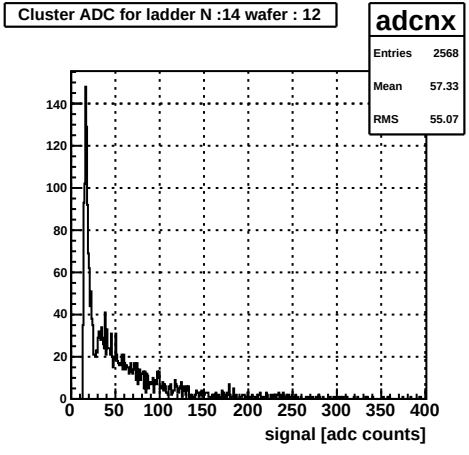

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7560
Mean 31.71
RMS 34.13
signal [adc counts]

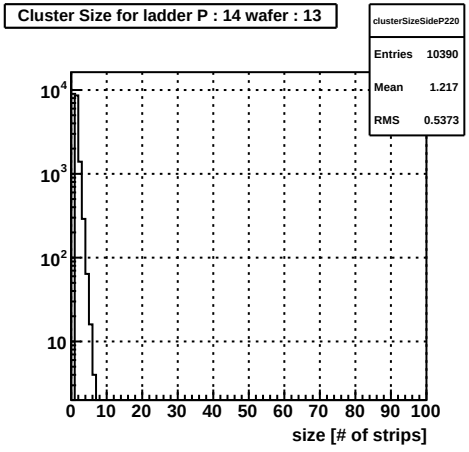

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 9044
Mean 1.02
RMS 0.1634
size [# of strips]

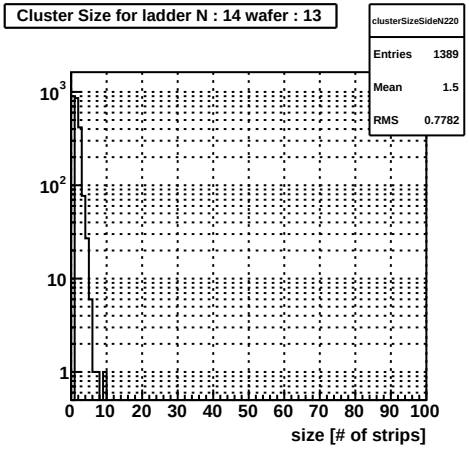

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2568
Mean 1.372
RMS 0.6592
size [# of strips]

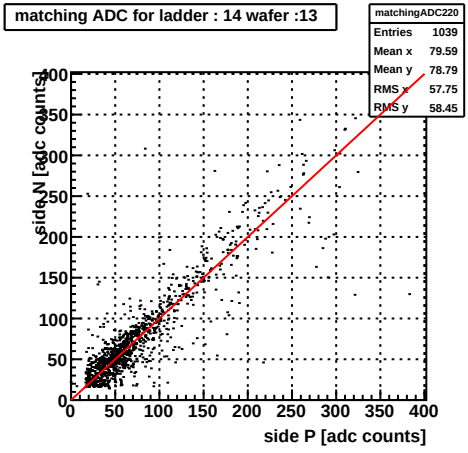

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 574
Mean x 64.25
Mean y 75.25
RMS x 52.76
RMS y 58.91
side N [adc counts]
side P [adc counts]

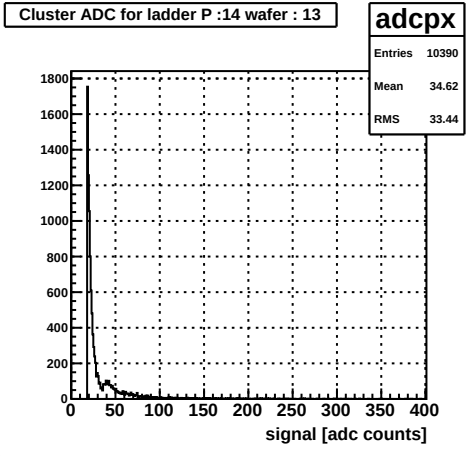

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 9044
Mean 23.11
RMS 15.01
signal [adc counts]

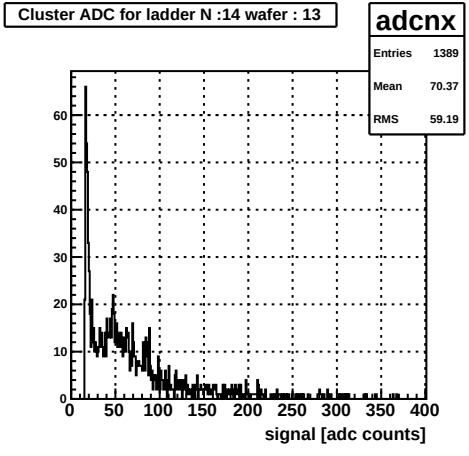

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2568
Mean 57.33
RMS 55.07
signal [adc counts]

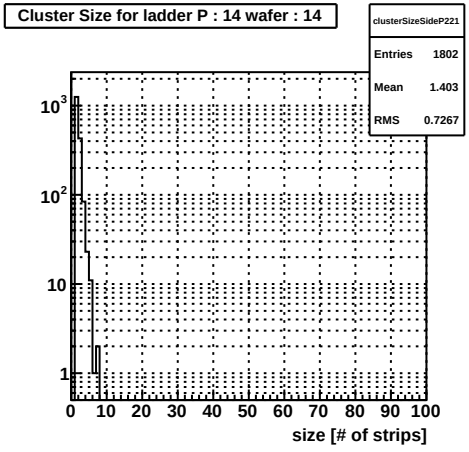

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10390
Mean 1.217
RMS 0.5373
size [# of strips]

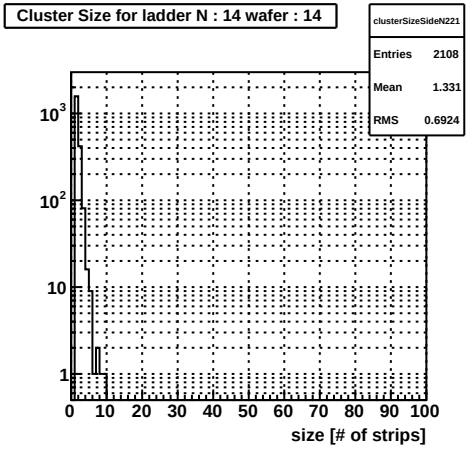

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1389
Mean 1.5
RMS 0.7782
size [# of strips]

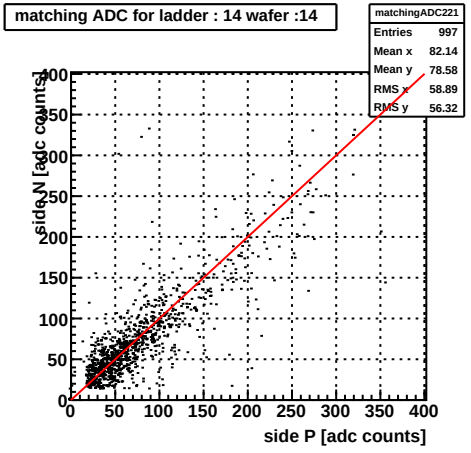

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1039
Mean x 79.59
Mean y 78.79
RMS x 57.75
RMS y 58.45
side N [adc counts]
side P [adc counts]

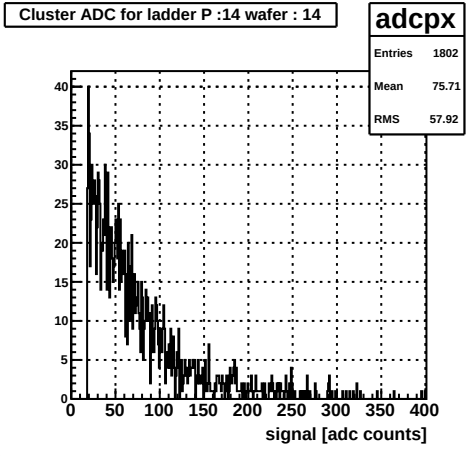

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10390
Mean 34.62
RMS 33.44
signal [adc counts]

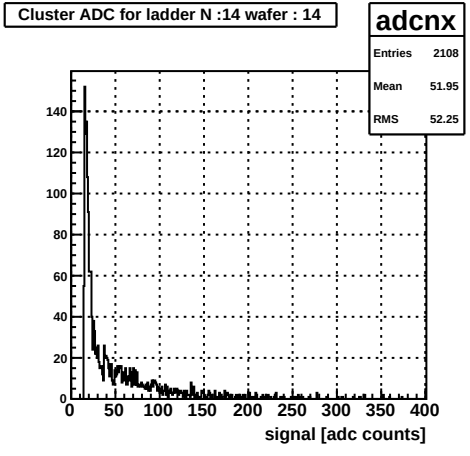

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1389
Mean 70.37
RMS 59.19
signal [adc counts]

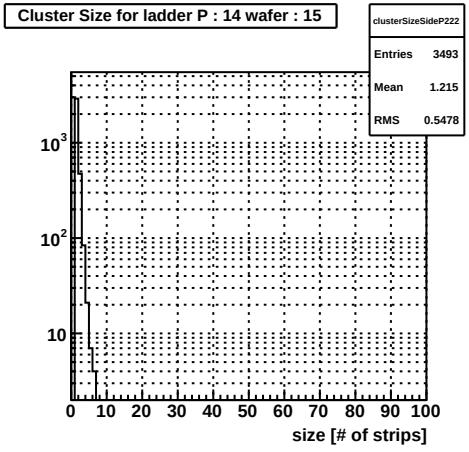

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1802
Mean 1.403
RMS 0.7267
size [# of strips]

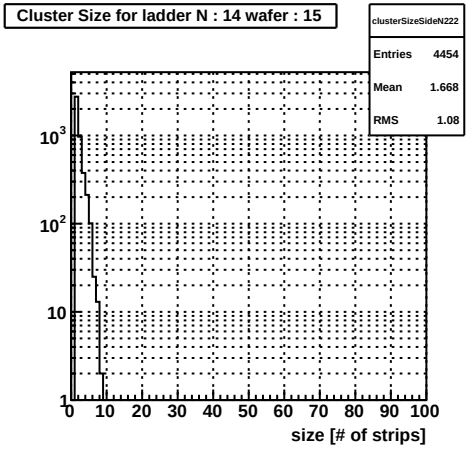

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2108
Mean 1.331
RMS 0.6924
size [# of strips]

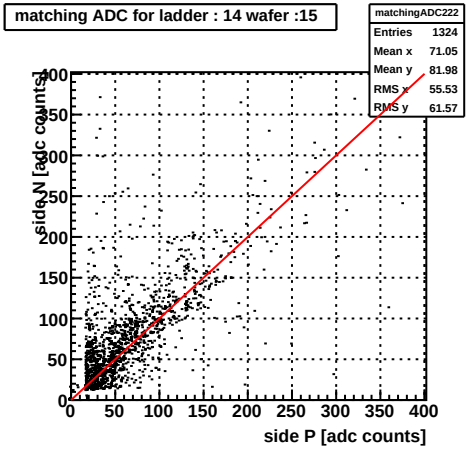

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 997
Mean x 82.14
Mean y 78.58
RMS x 58.89
RMS y 56.32
side N [adc counts]
side P [adc counts]

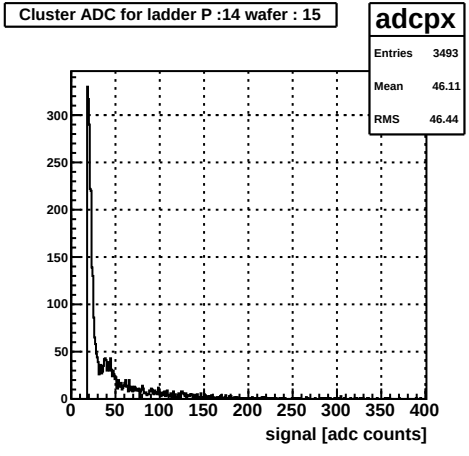

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1802
Mean 75.71
RMS 57.92
signal [adc counts]

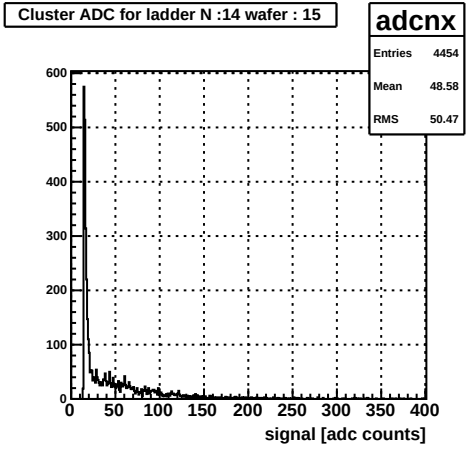

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2108
Mean 51.95
RMS 52.25
signal [adc counts]

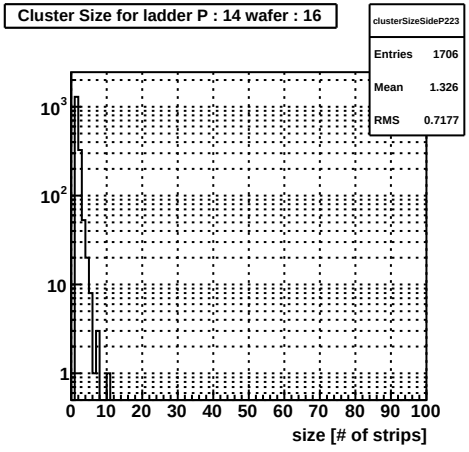

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3493
Mean 1.215
RMS 0.5478
size [# of strips]

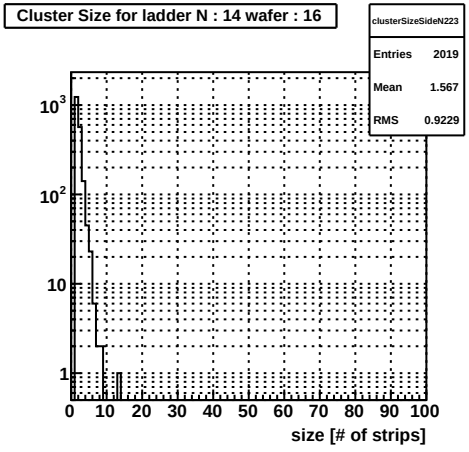

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4454
Mean 1.668
RMS 1.08
size [# of strips]

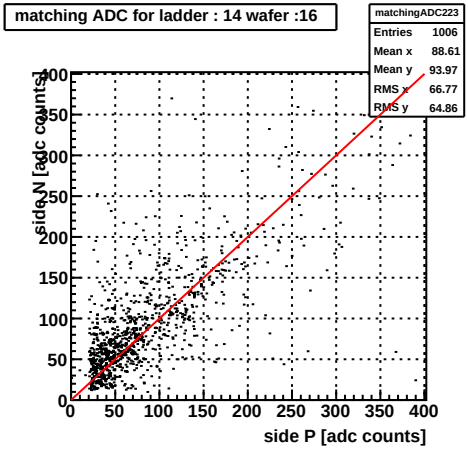

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1324
Mean x 71.05
Mean y 81.98
RMS x 55.53
RMS y 61.57
side N [adc counts]
side P [adc counts]

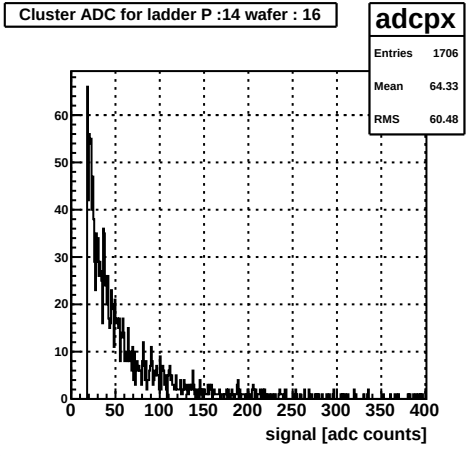

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3493
Mean 46.11
RMS 46.44
signal [adc counts]

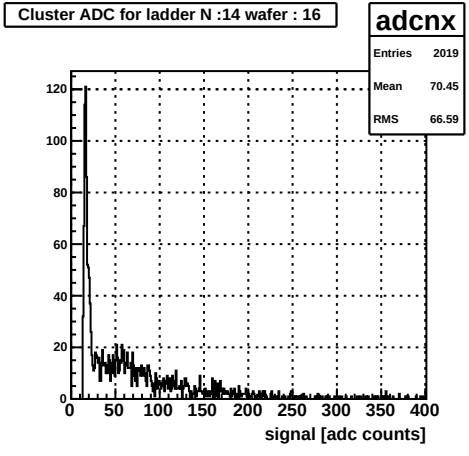

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4454
Mean 48.58
RMS 50.47
signal [adc counts]

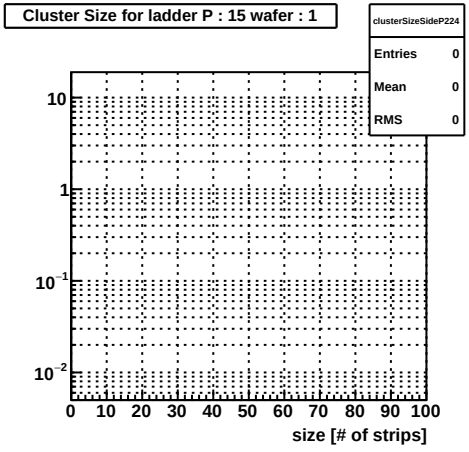

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1706
Mean 1.326
RMS 0.7177
size [# of strips]

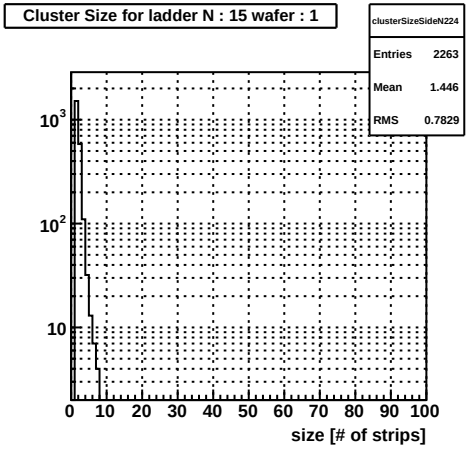

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2019
Mean 1.567
RMS 0.9229
size [# of strips]

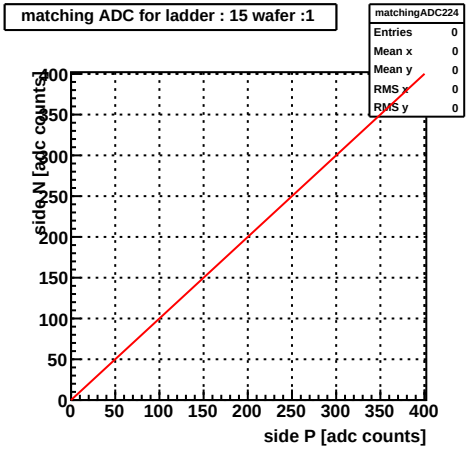

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1006
Mean x 88.61
Mean y 93.97
RMS x 66.77
RMS y 64.86
side N [adc counts]
side P [adc counts]

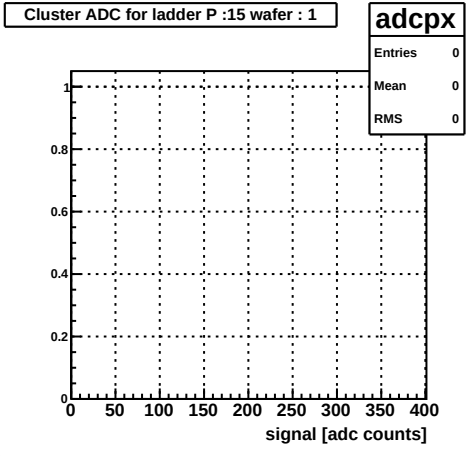

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1706
Mean 64.33
RMS 60.48
signal [adc counts]

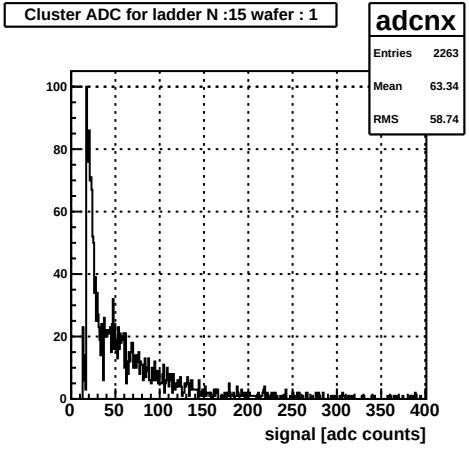

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2019
Mean 70.45
RMS 66.59
signal [adc counts]

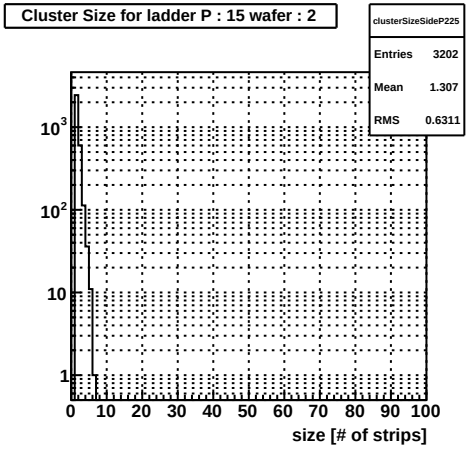

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

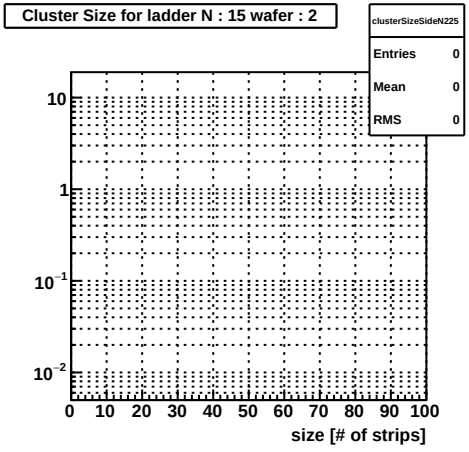

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2263
Mean 1.446
RMS 0.7829
size [# of strips]

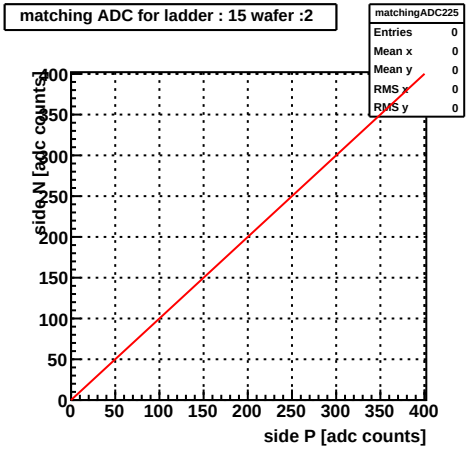

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

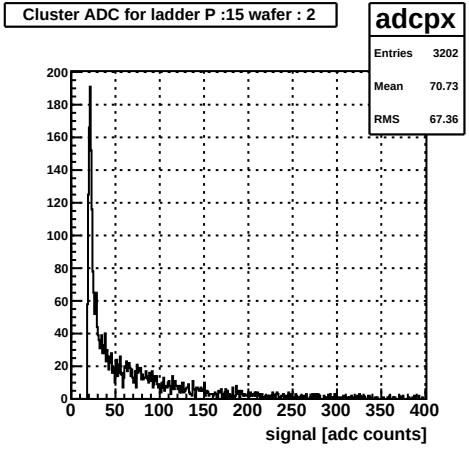

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

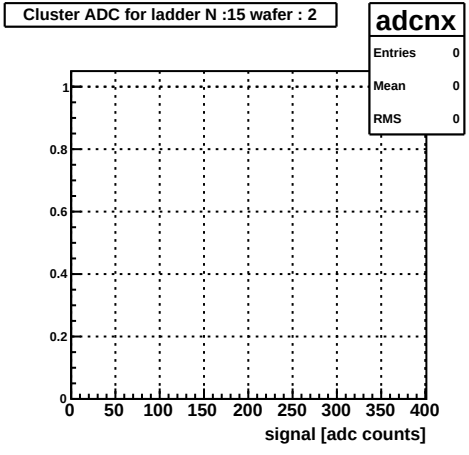

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2263
Mean 63.34
RMS 58.74
signal [adc counts]

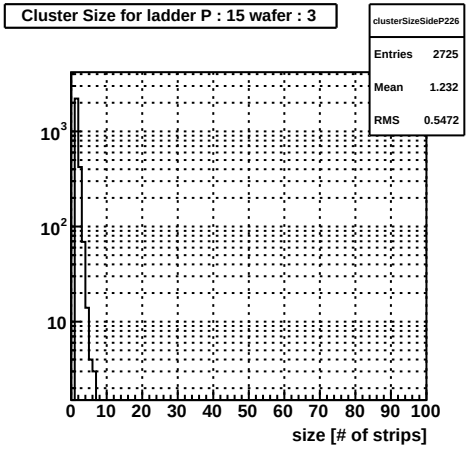

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3202
Mean 1.307
RMS 0.6311
size [# of strips]

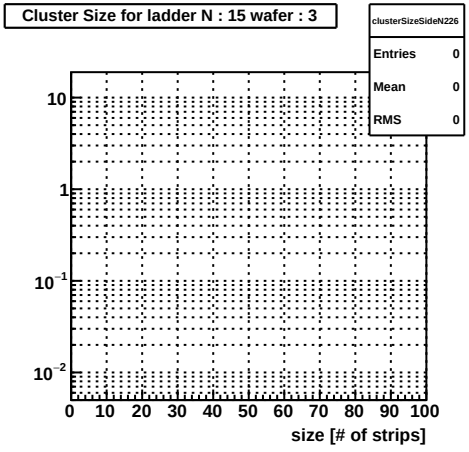

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

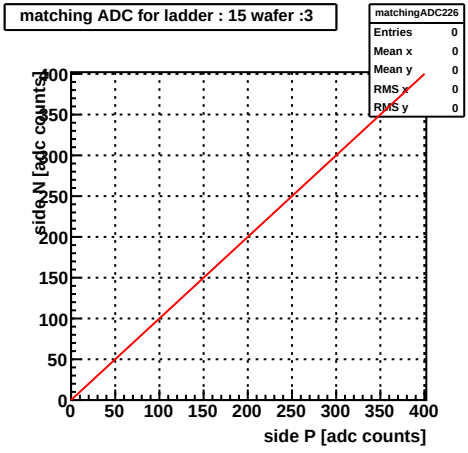

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

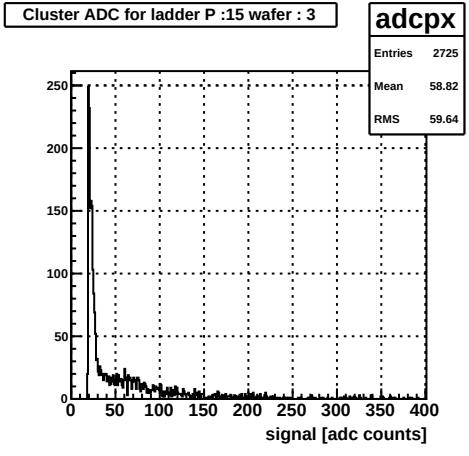

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3202
Mean 70.73
RMS 67.36
signal [adc counts]

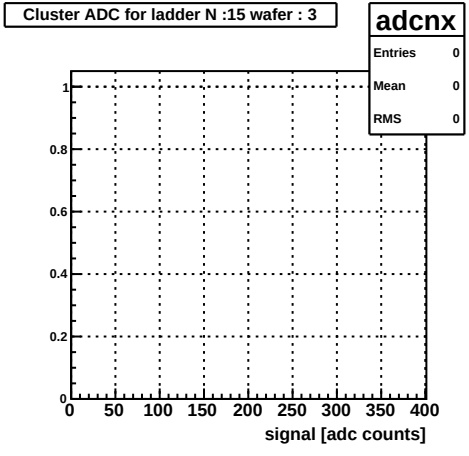

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

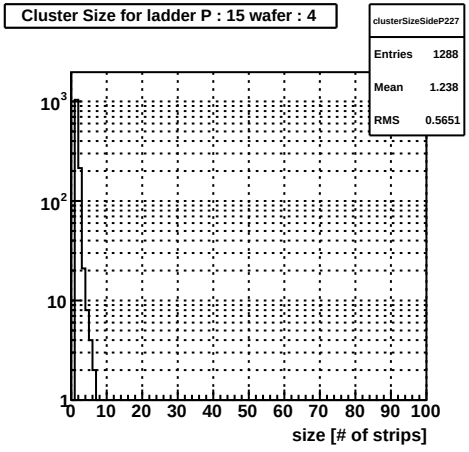

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2725
Mean 1.232
RMS 0.5472
size [# of strips]

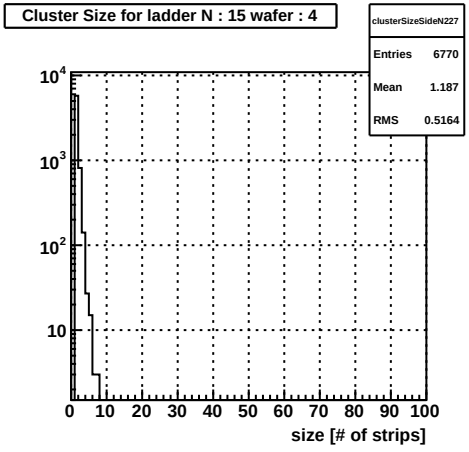

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

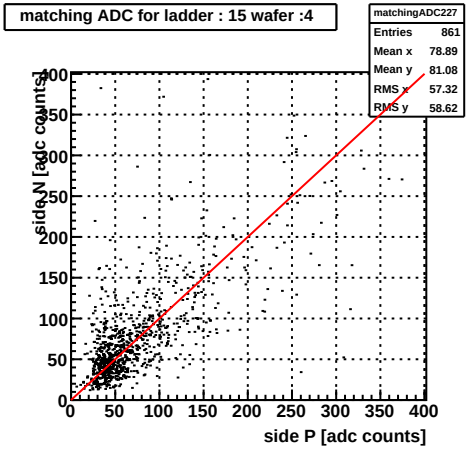

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

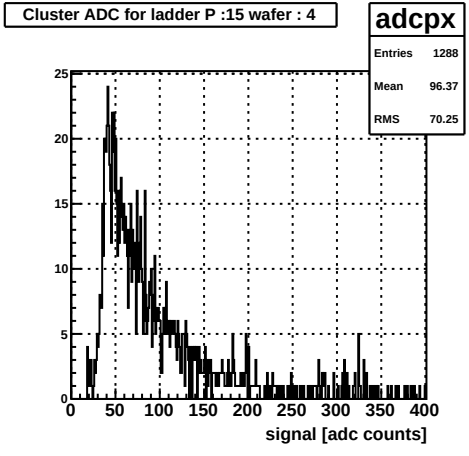

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2725
Mean 58.82
RMS 59.64
signal [adc counts]

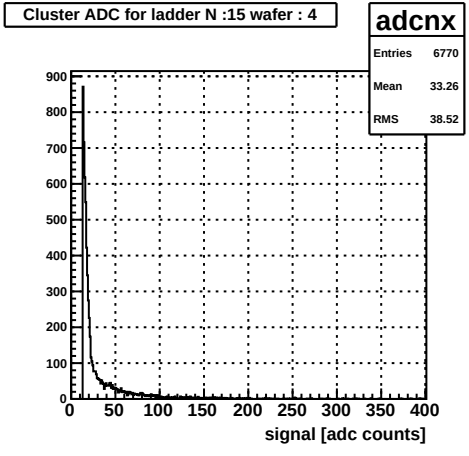

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

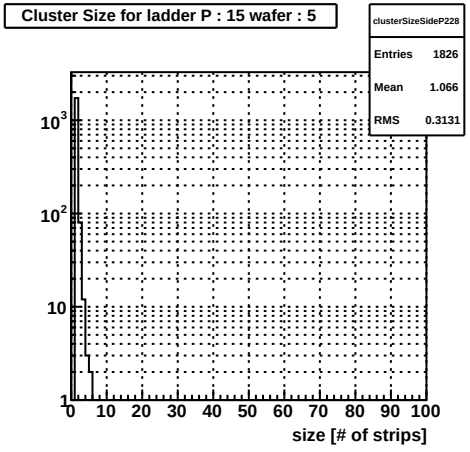

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1288
Mean 1.238
RMS 0.5651
size [# of strips]

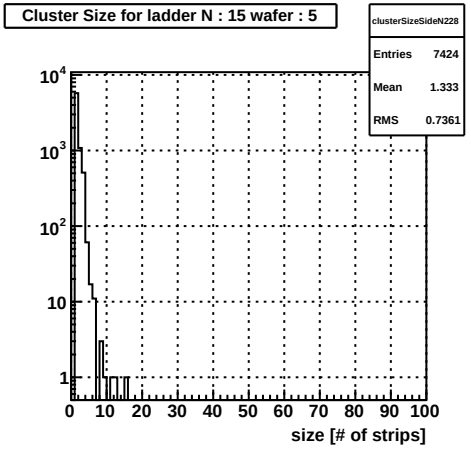

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6770
Mean 1.187
RMS 0.5164
size [# of strips]

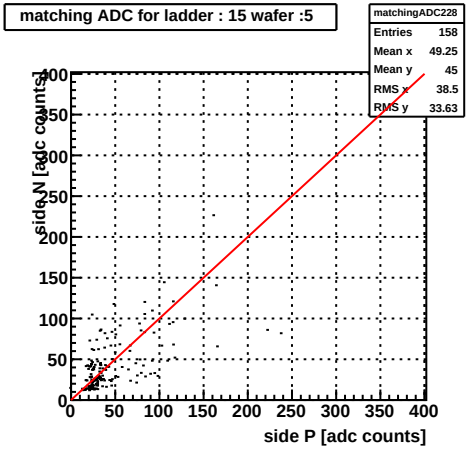

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 861
Mean x 78.89
Mean y 81.08
RMS x 57.32
RMS y 58.62
side N [adc counts]
side P [adc counts]

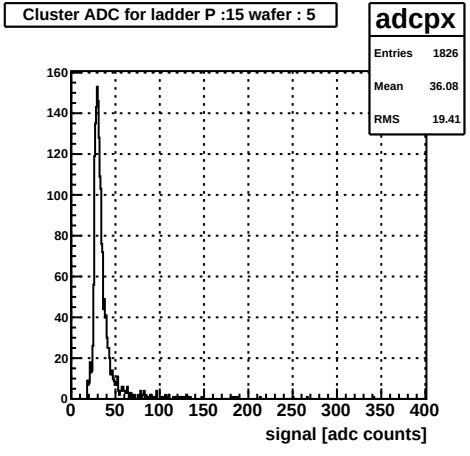

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1288
Mean 96.37
RMS 70.25
signal [adc counts]

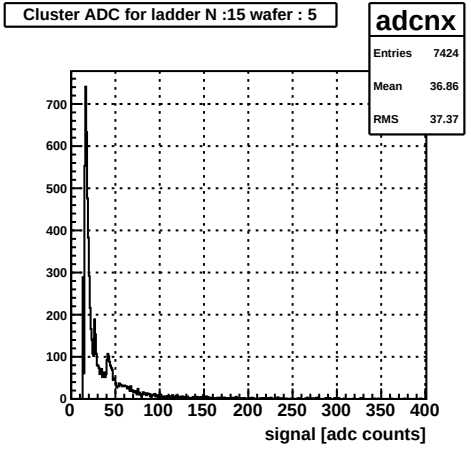

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6770
Mean 33.26
RMS 38.52
signal [adc counts]

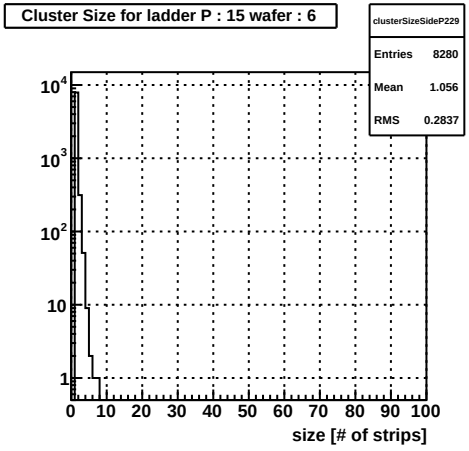

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1826
Mean 1.066
RMS 0.3131
size [# of strips]

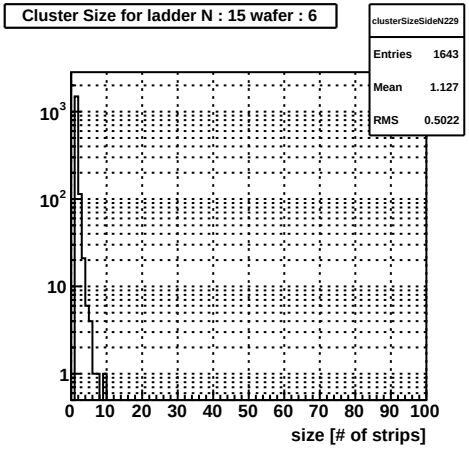

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 7424
Mean 1.333
RMS 0.7361
size [# of strips]

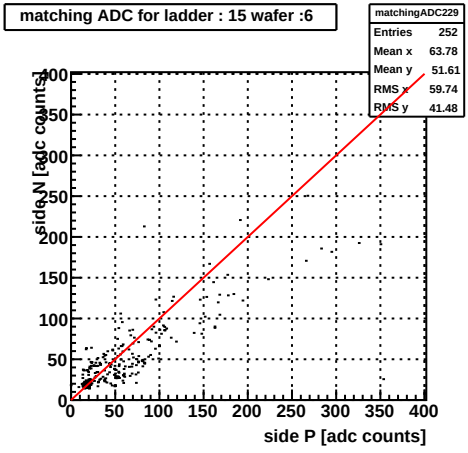

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 158
Mean x 49.25
Mean y 45
RMS x 38.5
RMS y 33.63
side N [adc counts]
side P [adc counts]

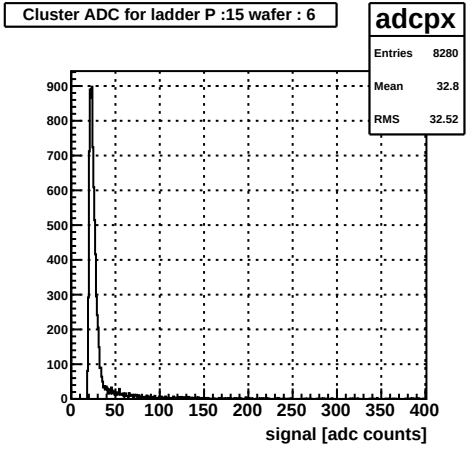

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1826
Mean 36.08
RMS 19.41
signal [adc counts]

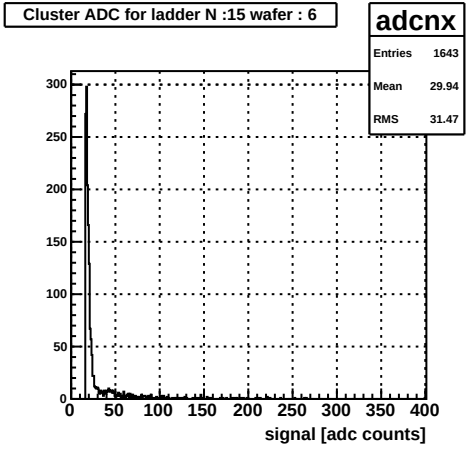

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 7424
Mean 36.86
RMS 37.37
signal [adc counts]

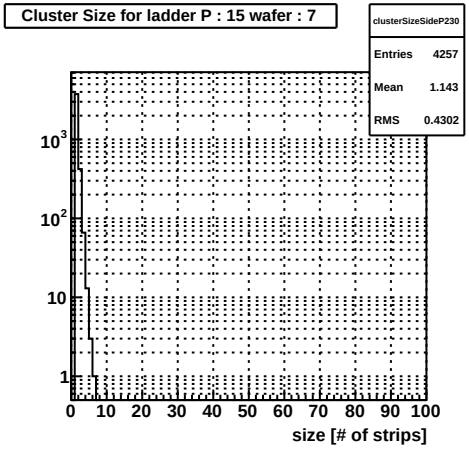

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8280
Mean 1.056
RMS 0.2837
size [# of strips]

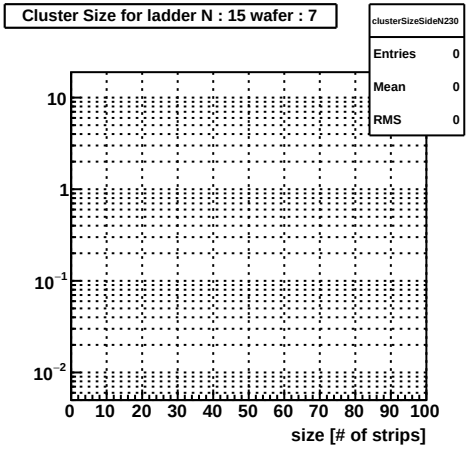

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1643
Mean 1.127
RMS 0.5022
size [# of strips]

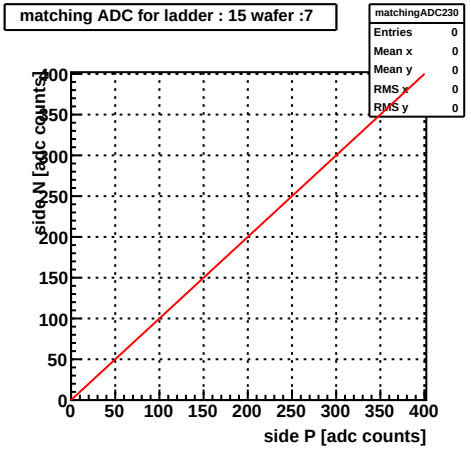

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 252
Mean x 63.78
Mean y 51.61
RMS x 59.74
RMS y 41.48
side N [adc counts]
side P [adc counts]

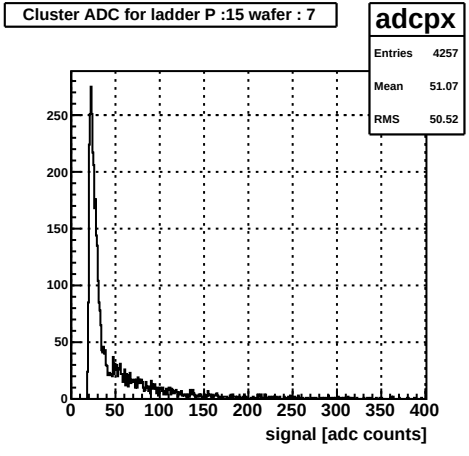

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8280
Mean 32.8
RMS 32.52
signal [adc counts]

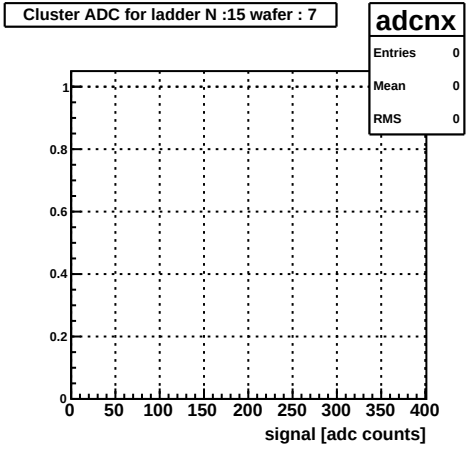

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1643
Mean 29.94
RMS 31.47
signal [adc counts]

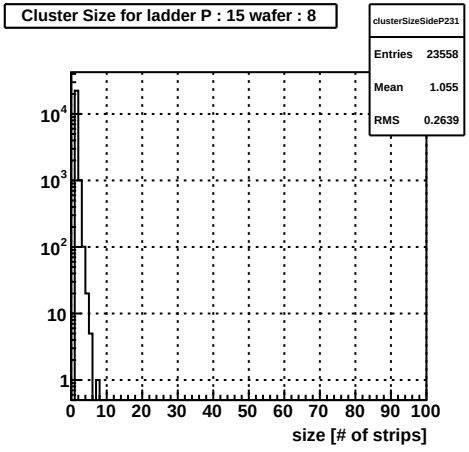

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 4257
Mean 1.143
RMS 0.4302
size [# of strips]

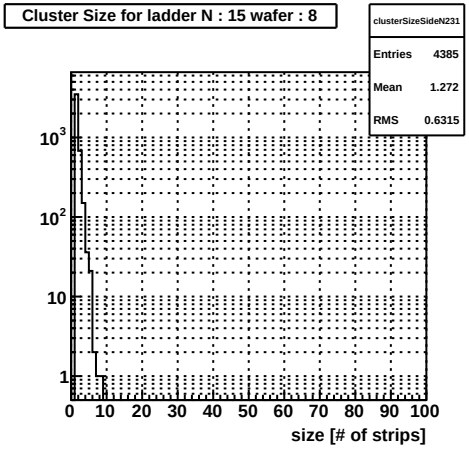

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

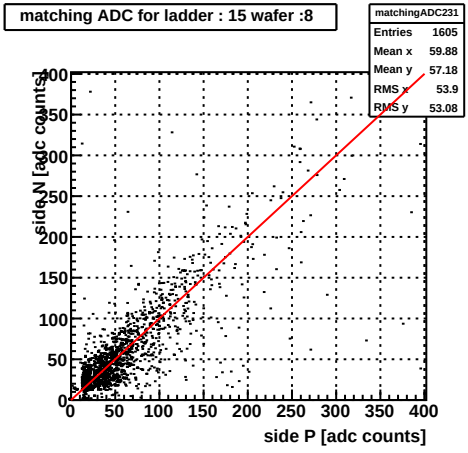

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

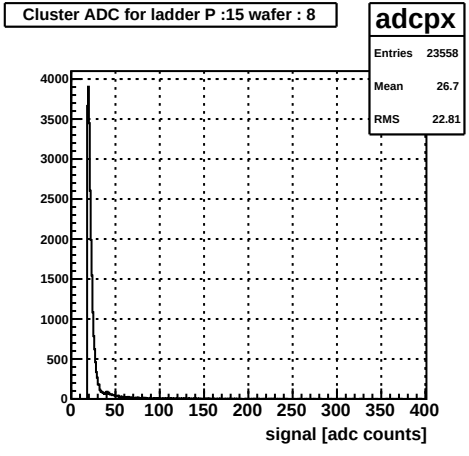

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 4257
Mean 51.07
RMS 50.52
signal [adc counts]

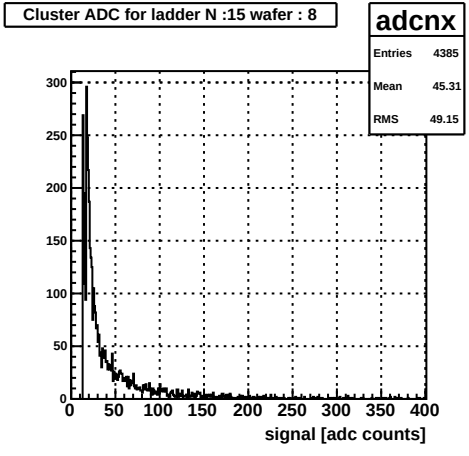

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

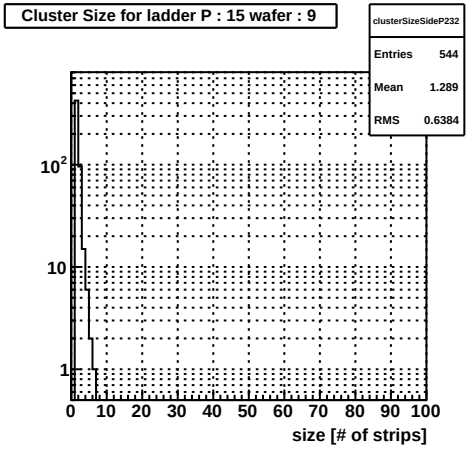

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 23558
Mean 1.055
RMS 0.2639
size [# of strips]

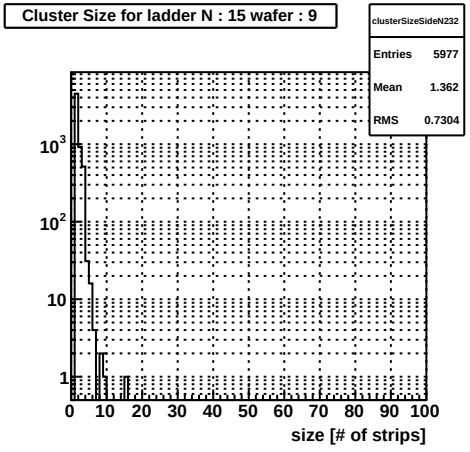

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4385
Mean 1.272
RMS 0.6315
size [# of strips]

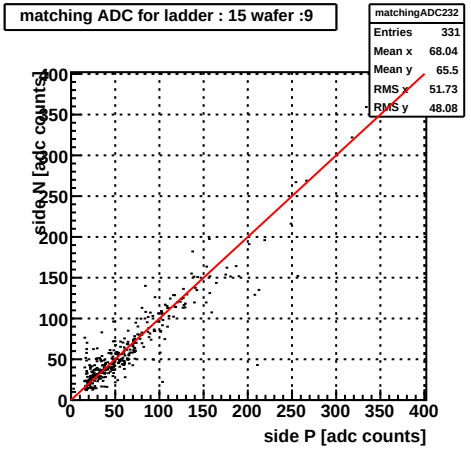

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1605
Mean x 59.88
Mean y 57.18
RMS x 53.9
RMS y 53.08
side N [adc counts]
side P [adc counts]

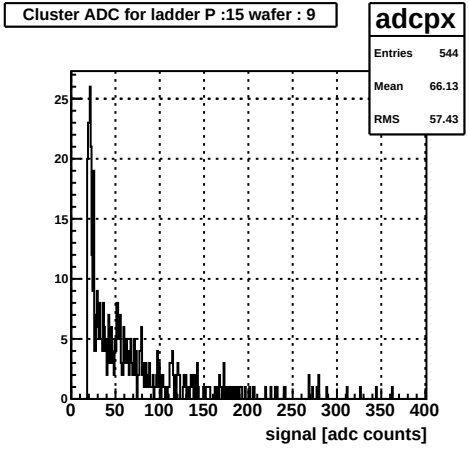

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 23558
Mean 26.7
RMS 22.81
signal [adc counts]

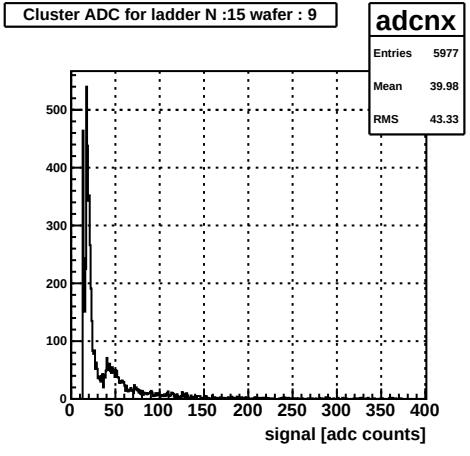

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4385
Mean 45.31
RMS 49.15
signal [adc counts]

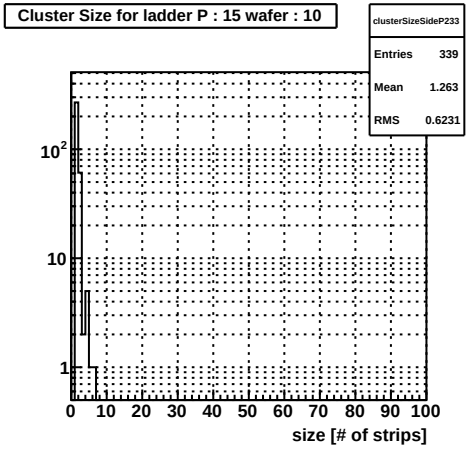

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 544
Mean 1.289
RMS 0.6384
size [# of strips]

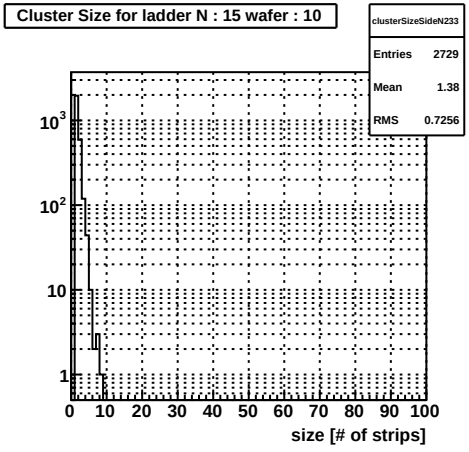

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5977
Mean 1.362
RMS 0.7304
size [# of strips]

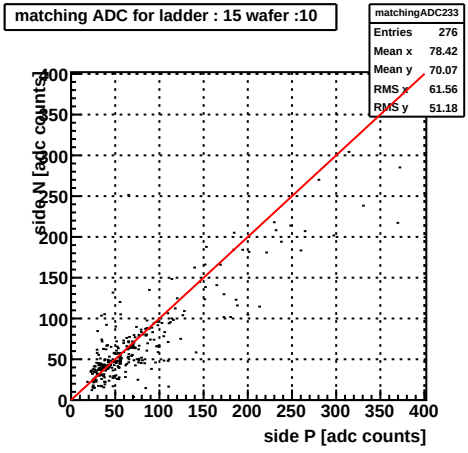

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 331
Mean x 68.04
Mean y 65.5
RMS x 51.73
RMS y 48.08
side N [adc counts]
side P [adc counts]

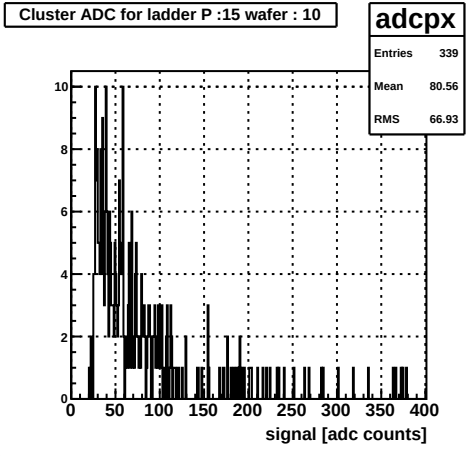

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 544
Mean 66.13
RMS 57.43
signal [adc counts]

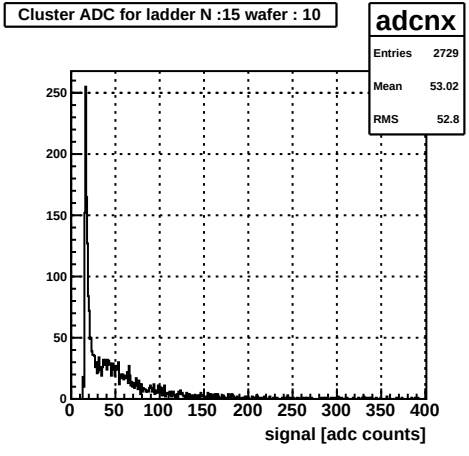

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5977
Mean 39.98
RMS 43.33
signal [adc counts]

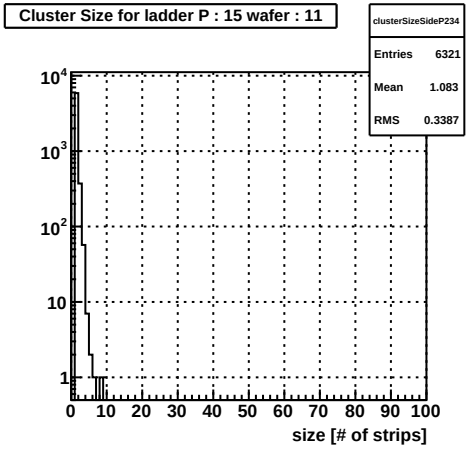

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 339
Mean 1.263
RMS 0.6231
size [# of strips]

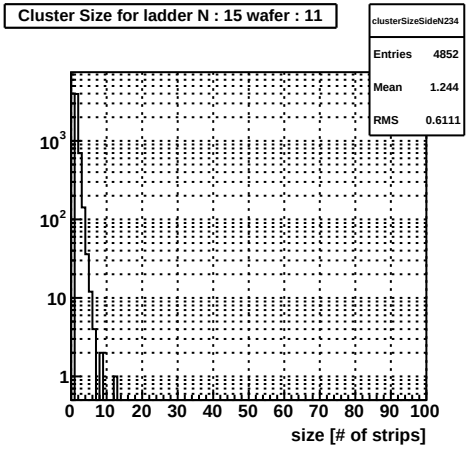

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2729
Mean 1.38
RMS 0.7256
size [# of strips]

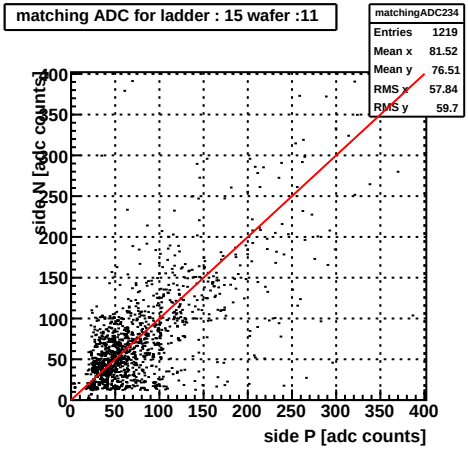

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 276
Mean x 78.42
Mean y 70.07
RMS x 61.56
RMS y 51.18
side N [adc counts]
side P [adc counts]

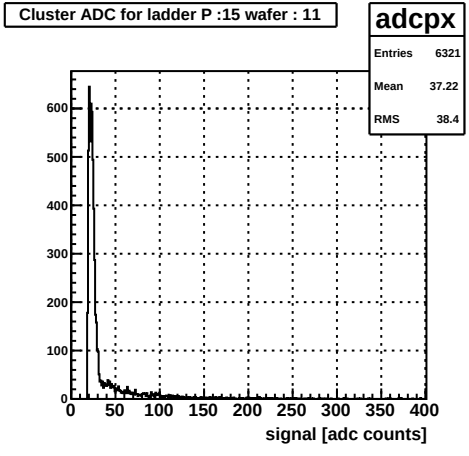

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 339
Mean 80.56
RMS 66.93
signal [adc counts]

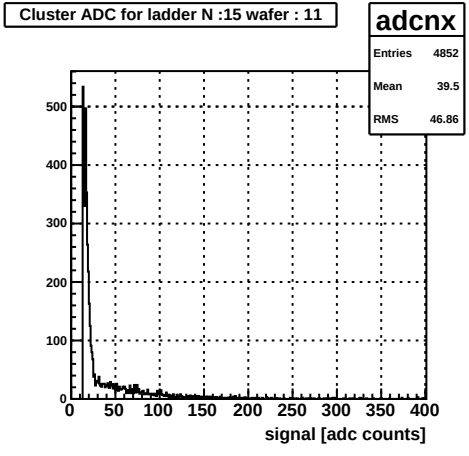

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2729
Mean 53.02
RMS 52.8
signal [adc counts]

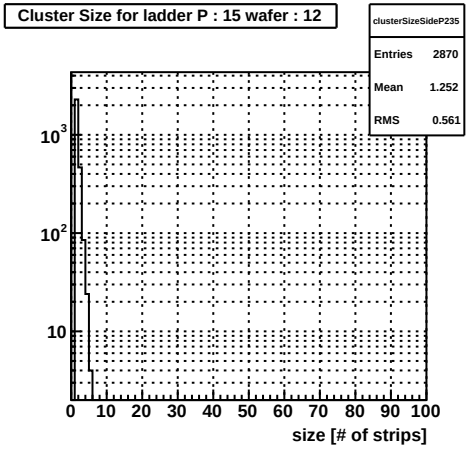

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6321
Mean 1.083
RMS 0.3387
size [# of strips]

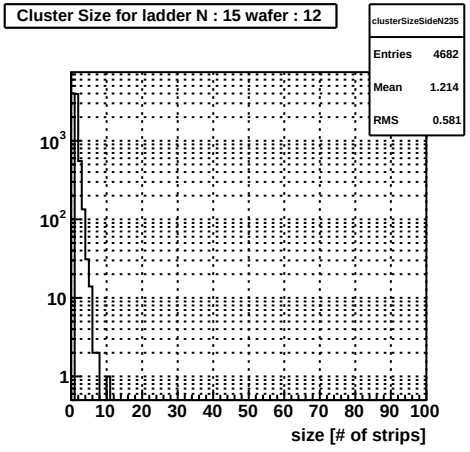

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4852
Mean 1.244
RMS 0.6111
size [# of strips]

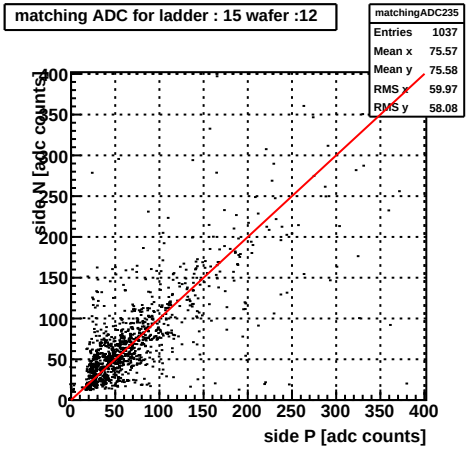

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1219
Mean x 81.52
Mean y 76.51
RMS x 57.84
RMS y 59.7
side N [adc counts]
side P [adc counts]

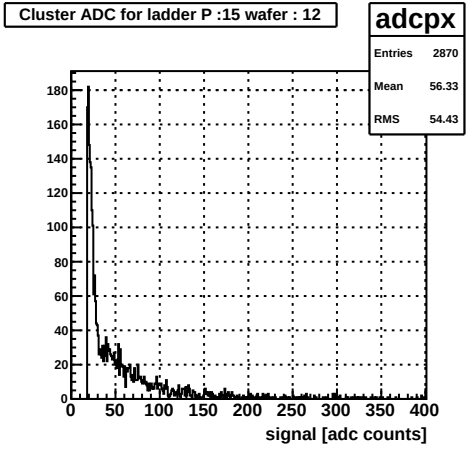

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6321
Mean 37.22
RMS 38.4
signal [adc counts]

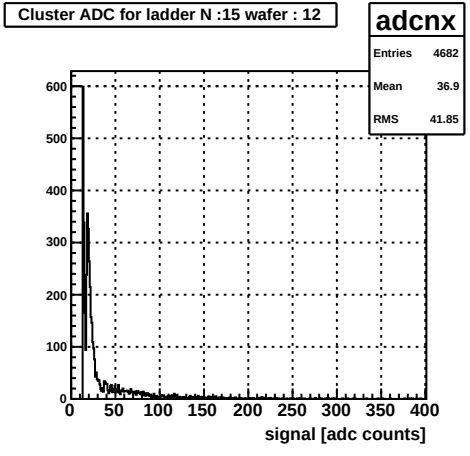

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4852
Mean 39.5
RMS 46.86
signal [adc counts]

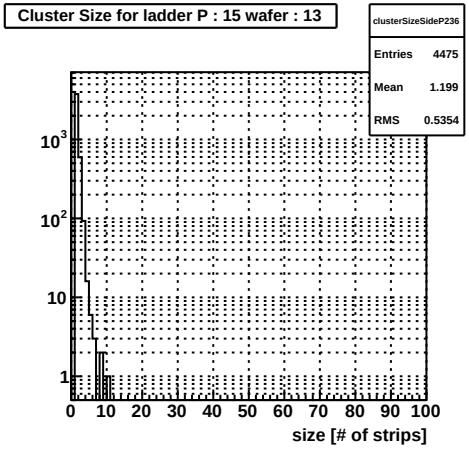

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2870
Mean 1.252
RMS 0.561
size [# of strips]

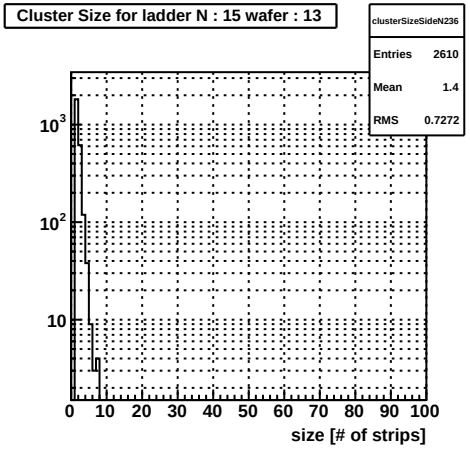

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4682
Mean 1.214
RMS 0.581
size [# of strips]

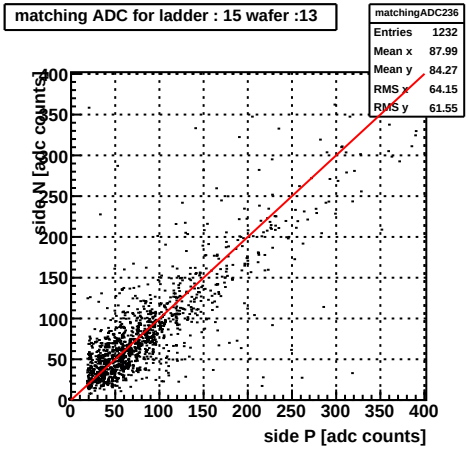

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 1037
Mean x 75.57
Mean y 75.58
RMS x 59.97
RMS y 58.08
side N [adc counts]
side P [adc counts]

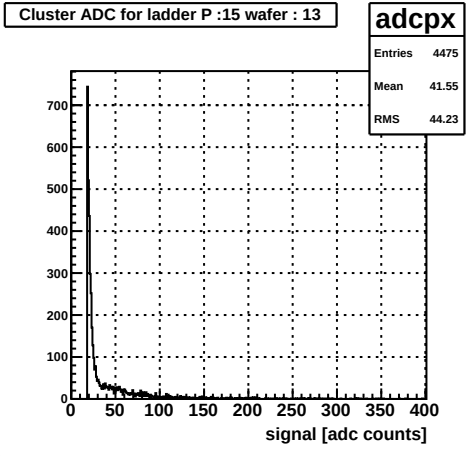

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2870
Mean 56.33
RMS 54.43
signal [adc counts]

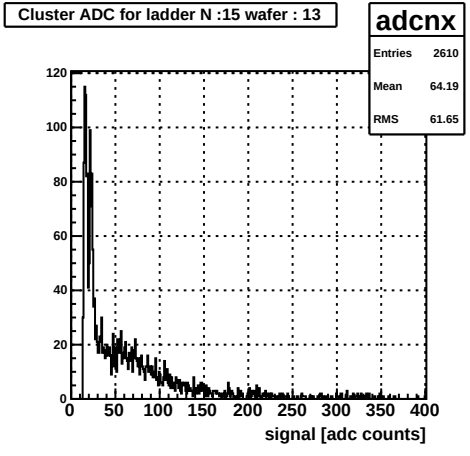

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4682
Mean 36.9
RMS 41.85
signal [adc counts]

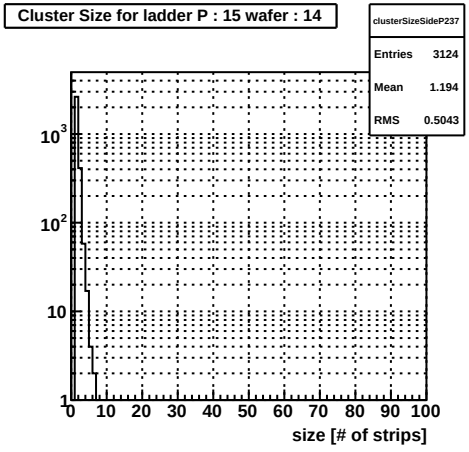

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4475
Mean 1.199
RMS 0.5354
size [# of strips]

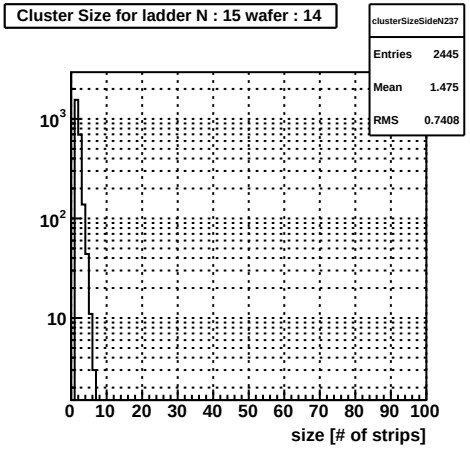

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2610
Mean 1.4
RMS 0.7272
size [# of strips]

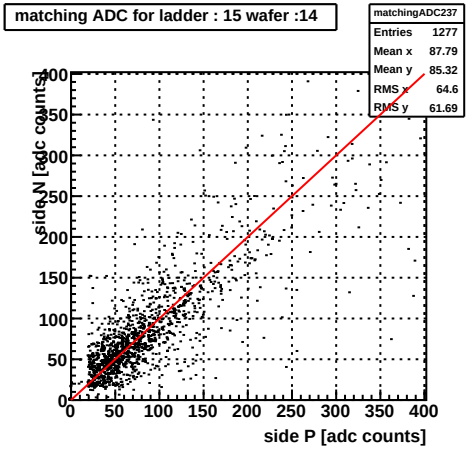

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1232
Mean x 87.99
Mean y 84.27
RMS x 64.15
RMS y 61.55
side N [adc counts]
side P [adc counts]

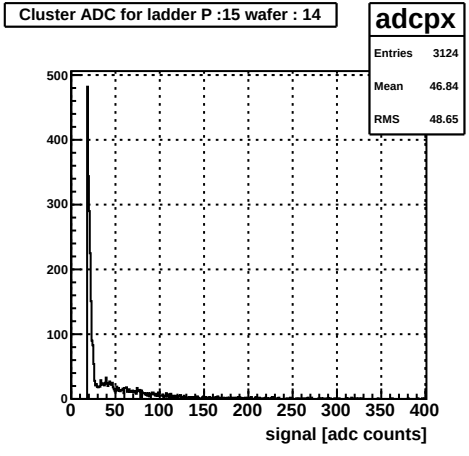

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4475
Mean 41.55
RMS 44.23
signal [adc counts]

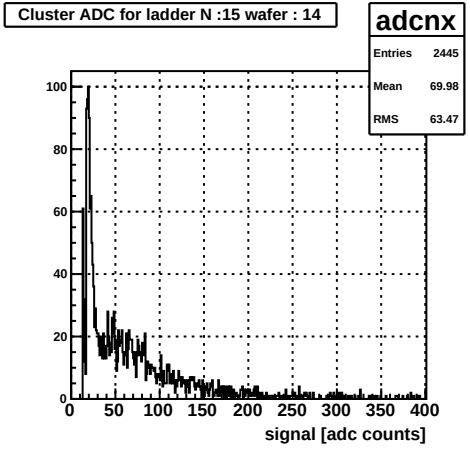

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2610
Mean 64.19
RMS 61.65
signal [adc counts]

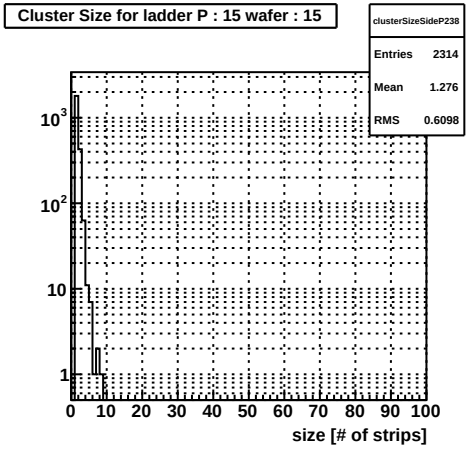

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3124
Mean 1.194
RMS 0.5043
size [# of strips]

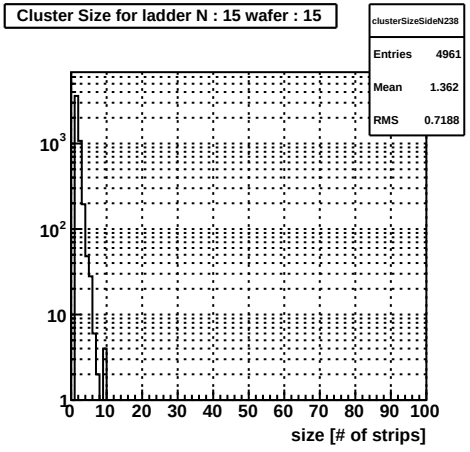

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2445
Mean 1.475
RMS 0.7408
size [# of strips]

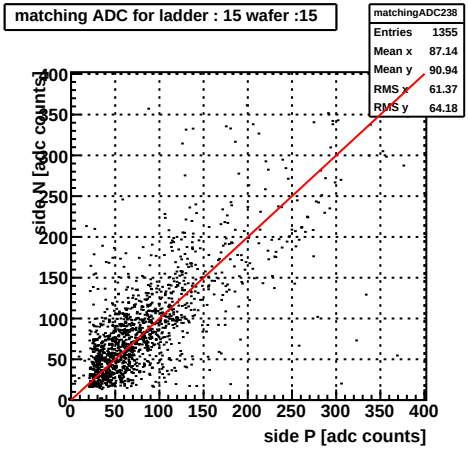

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1277
Mean x 87.79
Mean y 85.32
RMS x 64.6
RMS y 61.69
side N [adc counts]
side P [adc counts]

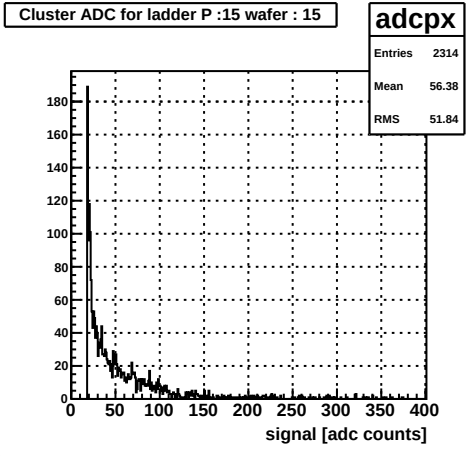

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3124
Mean 46.84
RMS 48.65
signal [adc counts]

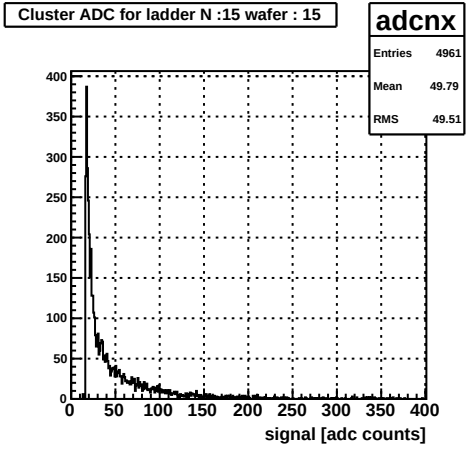

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2445
Mean 69.98
RMS 63.47
signal [adc counts]

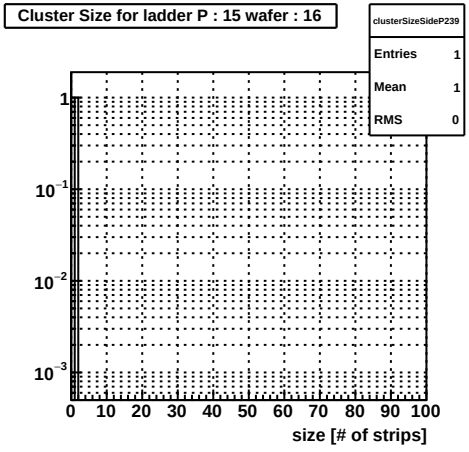

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2314
Mean 1.276
RMS 0.6098
size [# of strips]

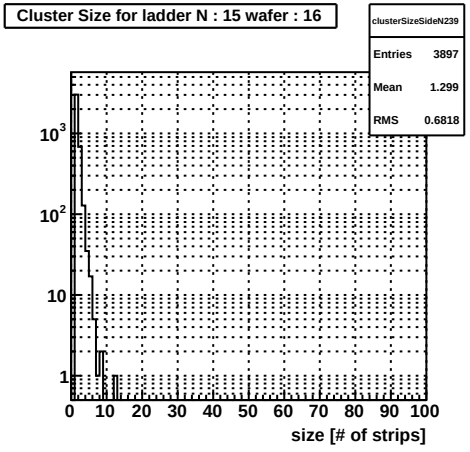

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4961
Mean 1.362
RMS 0.7188
size [# of strips]

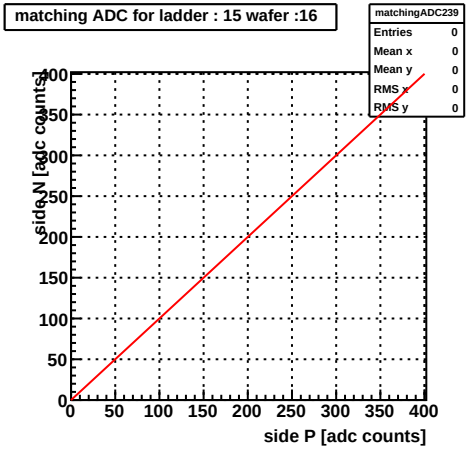

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1355
Mean x 87.14
Mean y 90.94
RMS x 61.37
RMS y 64.18
side N [adc counts]
side P [adc counts]

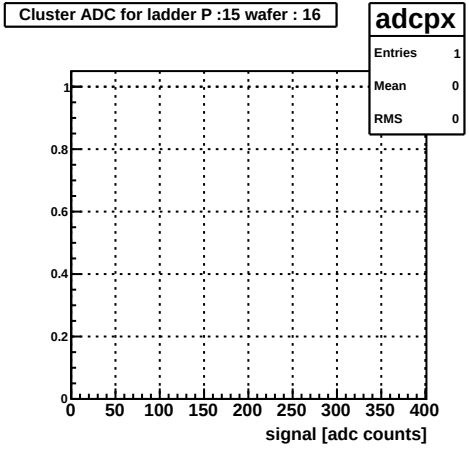

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2314
Mean 56.38
RMS 51.84
signal [adc counts]

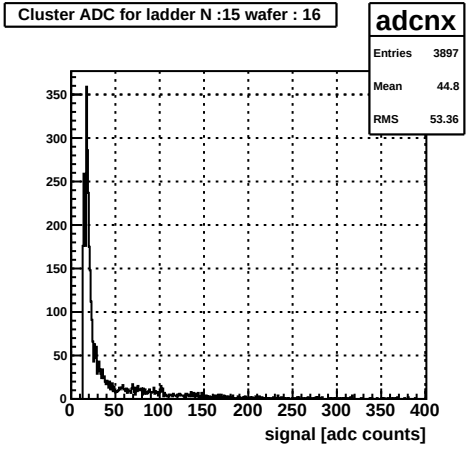

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4961
Mean 49.79
RMS 49.51
signal [adc counts]

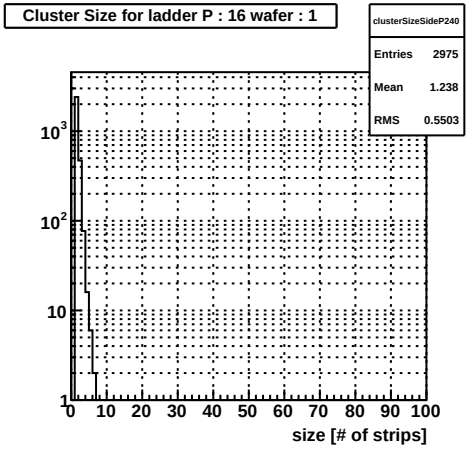

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

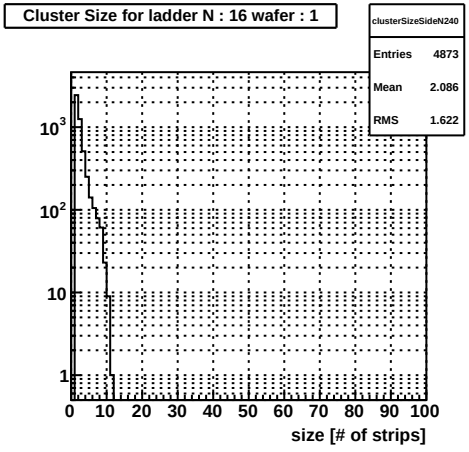

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3897
Mean 1.299
RMS 0.6818
size [# of strips]

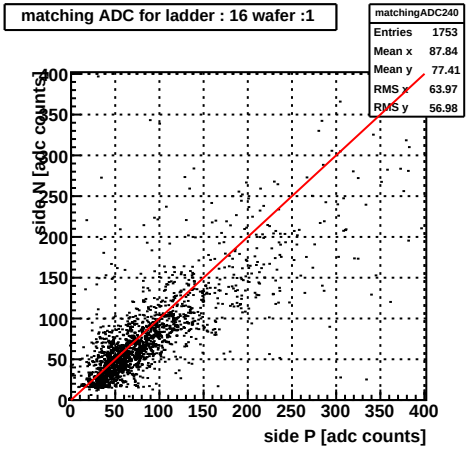

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

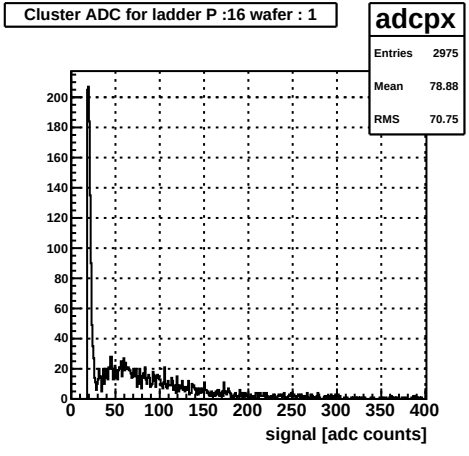

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

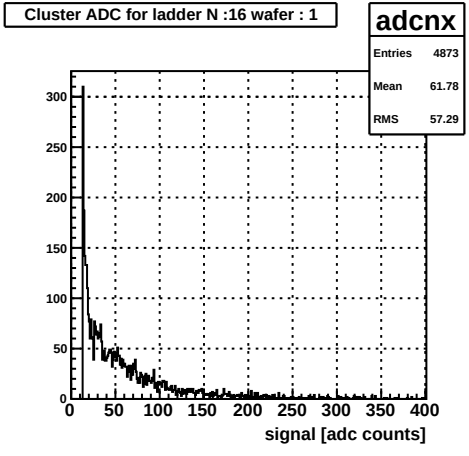

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3897
Mean 44.8
RMS 53.36
signal [adc counts]

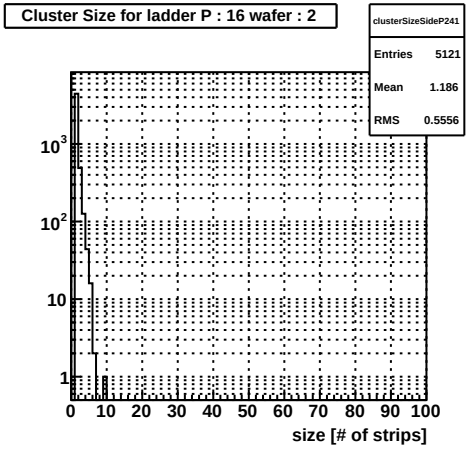

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2975
Mean 1.238
RMS 0.5503
size [# of strips]

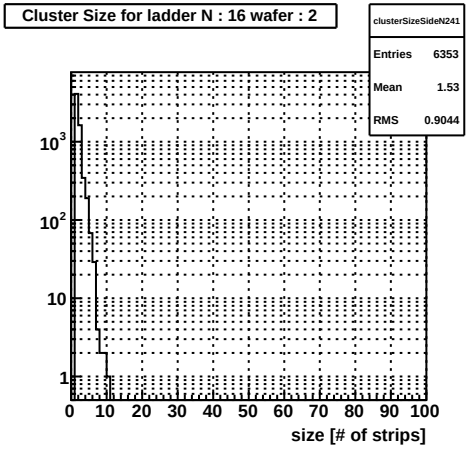

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4873
Mean 2.086
RMS 1.622
size [# of strips]

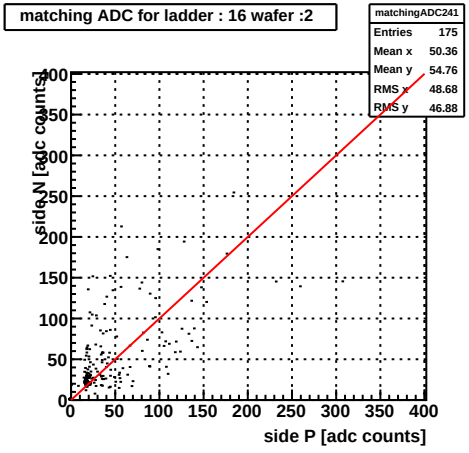

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1753
Mean x 87.84
Mean y 77.41
RMS x 63.97
RMS y 56.98
side N [adc counts]
side P [adc counts]

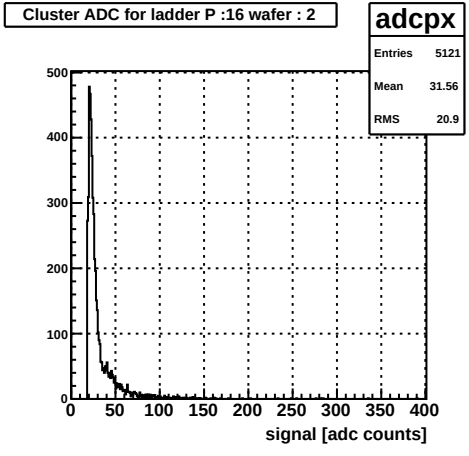

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2975
Mean 78.88
RMS 70.75
signal [adc counts]

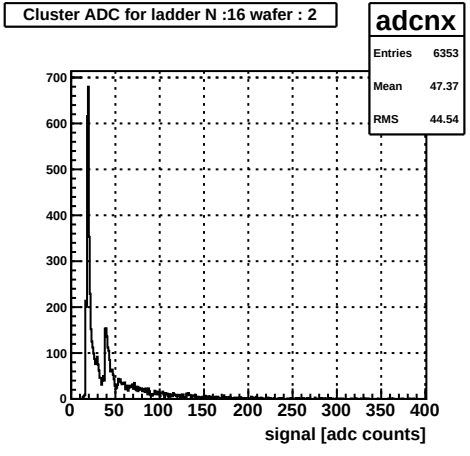

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4873
Mean 61.78
RMS 57.29
signal [adc counts]

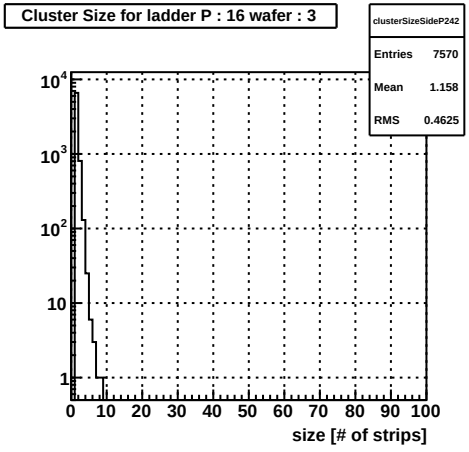

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 5121
Mean 1.186
RMS 0.5556
size [# of strips]

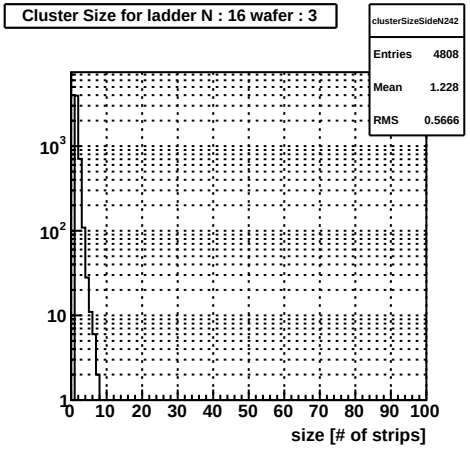

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 6353
Mean 1.53
RMS 0.9044
size [# of strips]

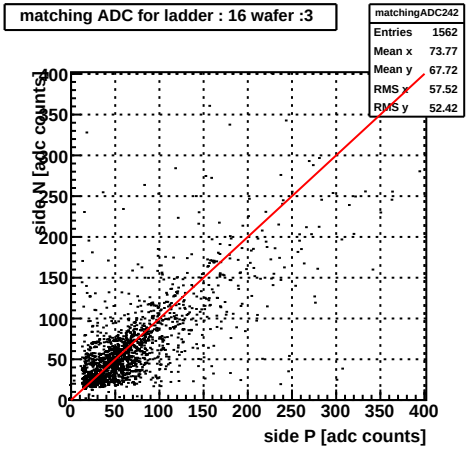

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 175
Mean x 50.36
Mean y 54.76
RMS x 48.68
RMS y 46.88
side N [adc counts]
side P [adc counts]

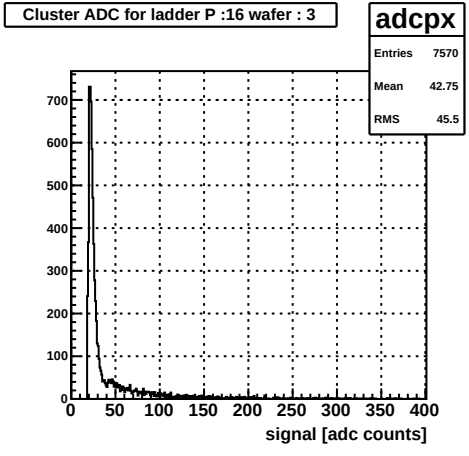

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 5121
Mean 31.56
RMS 20.9
signal [adc counts]

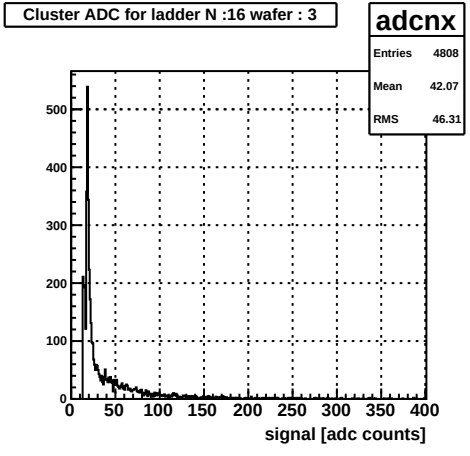

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 6353
Mean 47.37
RMS 44.54
signal [adc counts]

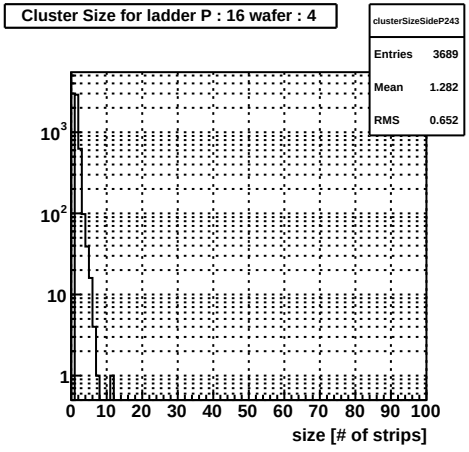

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7570
Mean 1.158
RMS 0.4625
size [# of strips]

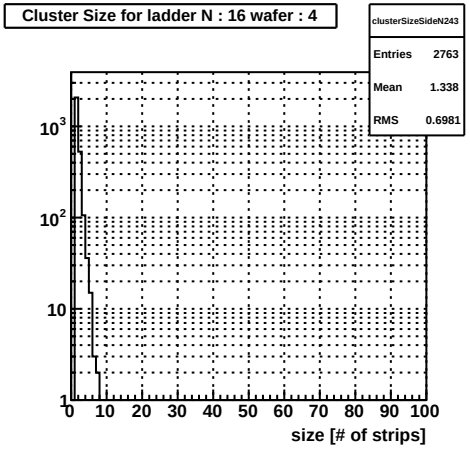

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 4808
Mean 1.228
RMS 0.5666
size [# of strips]

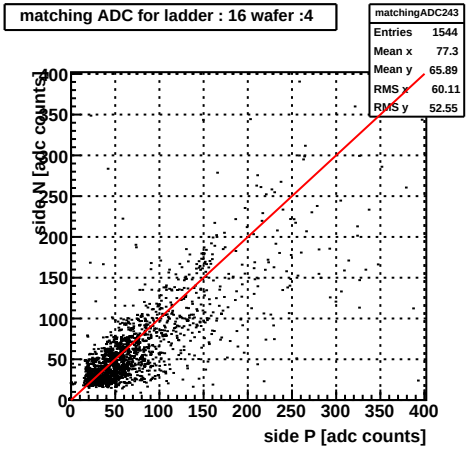

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1562
Mean x 73.77
Mean y 67.72
RMS x 57.52
RMS y 52.42
side N [adc counts]
side P [adc counts]

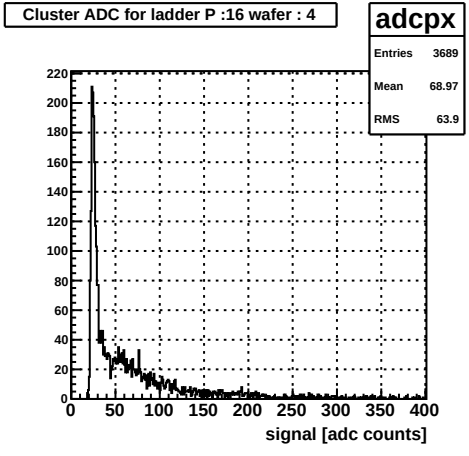

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7570
Mean 42.75
RMS 45.5
signal [adc counts]

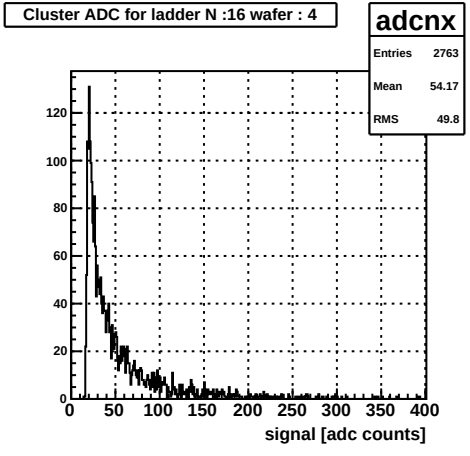

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 4808
Mean 42.07
RMS 46.31
signal [adc counts]

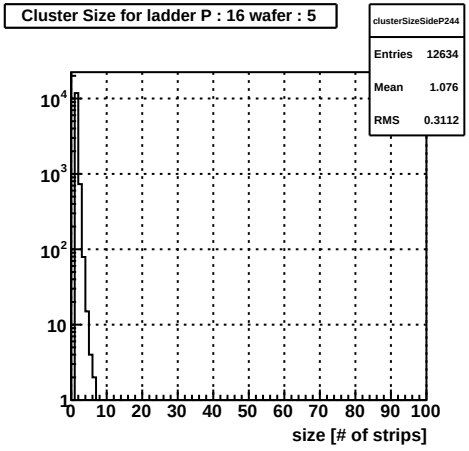

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3689
Mean 1.282
RMS 0.652
size [# of strips]

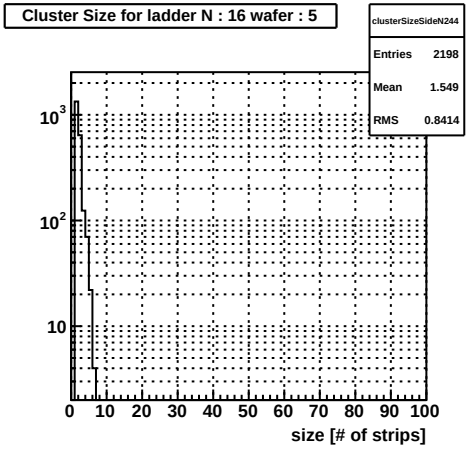

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2763
Mean 1.338
RMS 0.6981
size [# of strips]

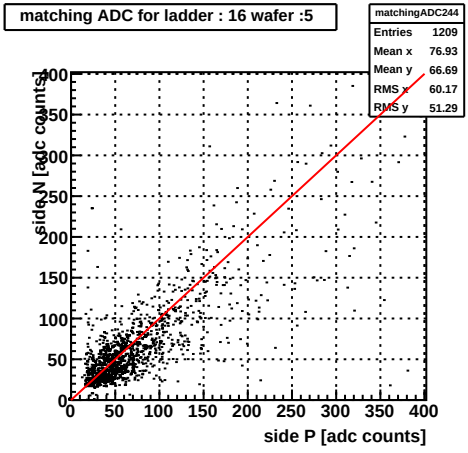

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1544
Mean x 77.3
Mean y 65.89
RMS x 60.11
RMS y 52.55
side N [adc counts]
side P [adc counts]

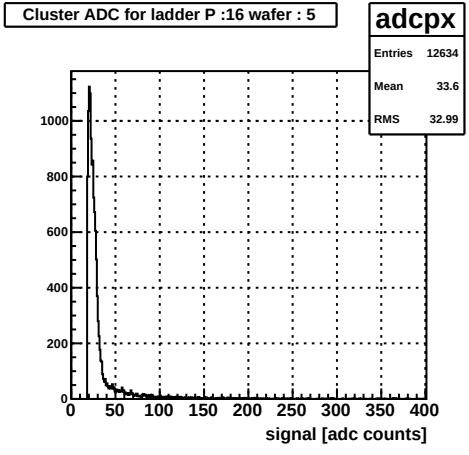

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3689
Mean 68.97
RMS 63.9
signal [adc counts]

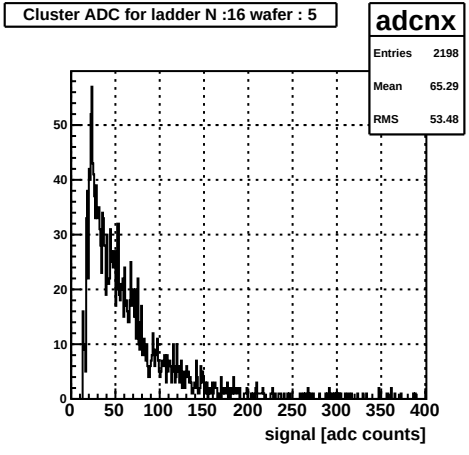

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2763
Mean 54.17
RMS 49.8
signal [adc counts]

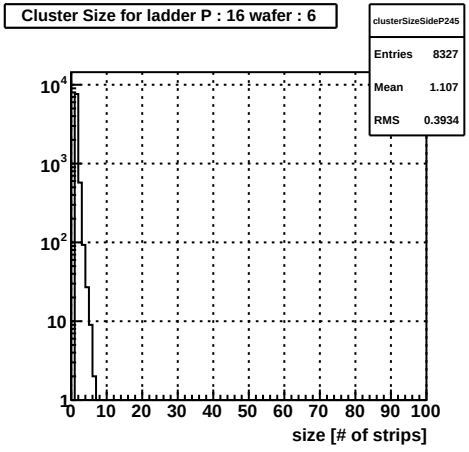

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 12634
Mean 1.076
RMS 0.3112
size [# of strips]

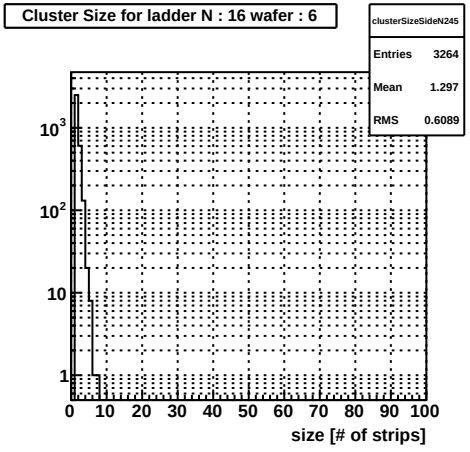

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2198
Mean 1.549
RMS 0.8414
size [# of strips]

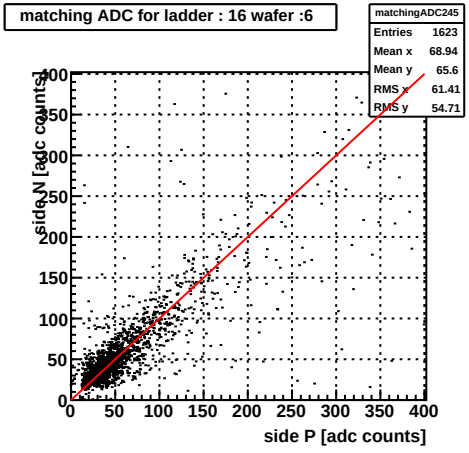

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1209
Mean x 76.93
Mean y 66.69
RMS x 60.17
RMS y 51.29
side N [adc counts]
side P [adc counts]

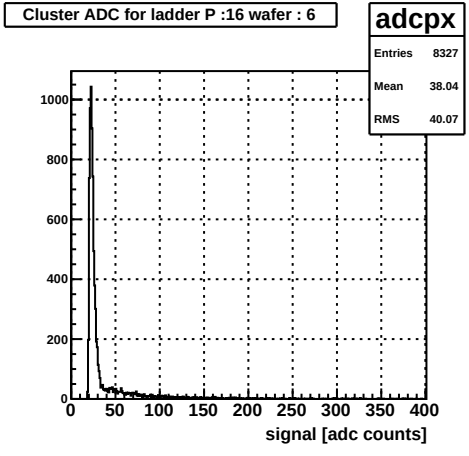

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 12634
Mean 33.6
RMS 32.99
signal [adc counts]

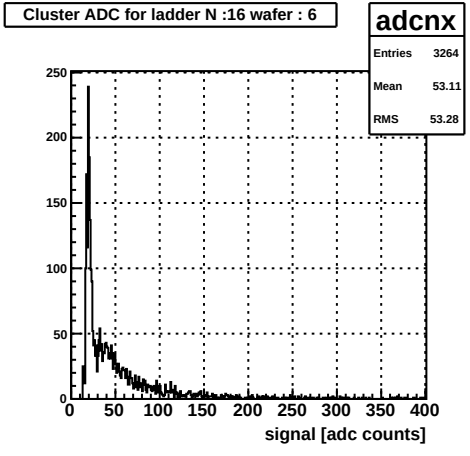

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2198
Mean 65.29
RMS 53.48
signal [adc counts]

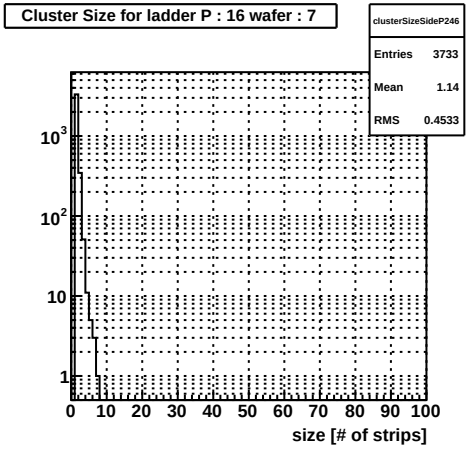

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 8327
Mean 1.107
RMS 0.3934
size [# of strips]

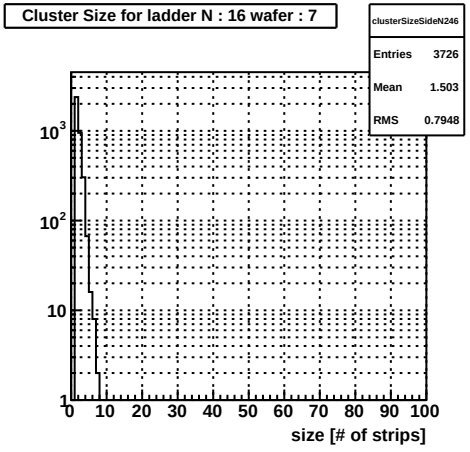

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 3264
Mean 1.297
RMS 0.6089
size [# of strips]

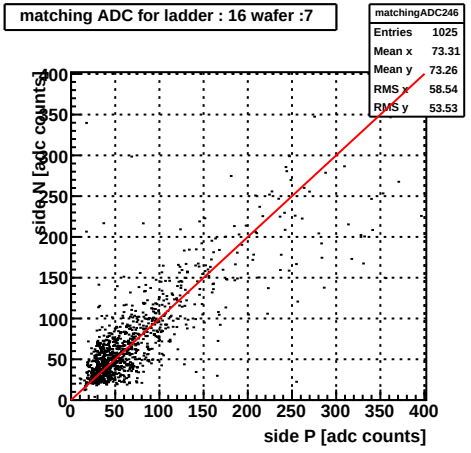

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1623
Mean x 68.94
Mean y 65.6
RMS x 61.41
RMS y 54.71
side N [adc counts]
side P [adc counts]

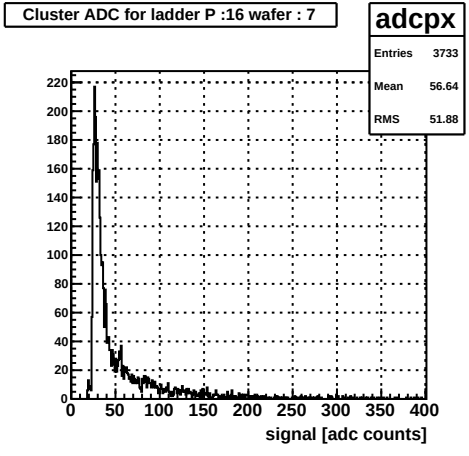

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 8327
Mean 38.04
RMS 40.07
signal [adc counts]

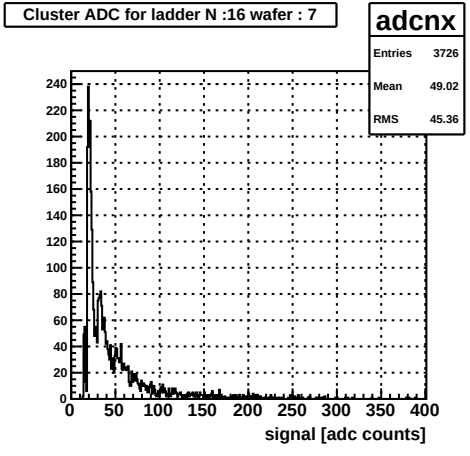

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 3264
Mean 53.11
RMS 53.28
signal [adc counts]

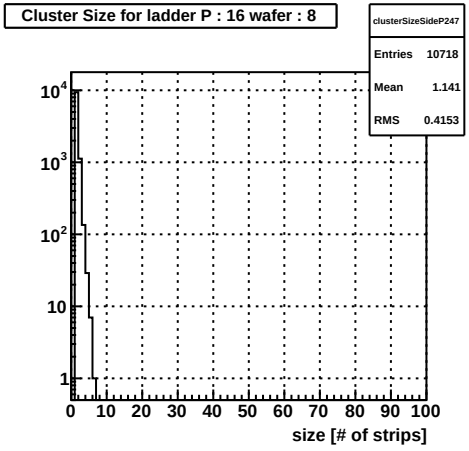

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 3733
Mean 1.14
RMS 0.4533
size [# of strips]

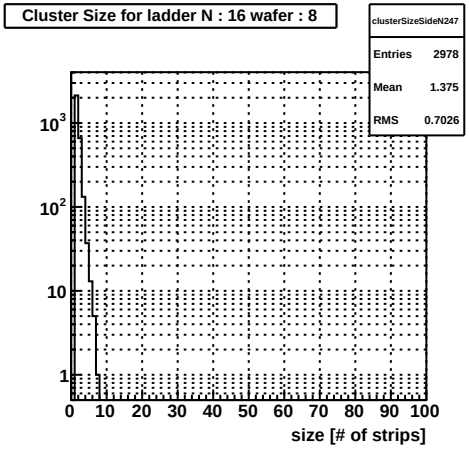

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3726
Mean 1.503
RMS 0.7948
size [# of strips]

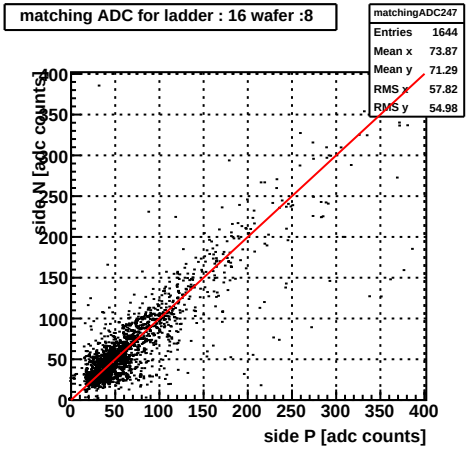

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1025
Mean x 73.31
Mean y 73.26
RMS x 58.54
RMS y 53.53
side N [adc counts]
side P [adc counts]

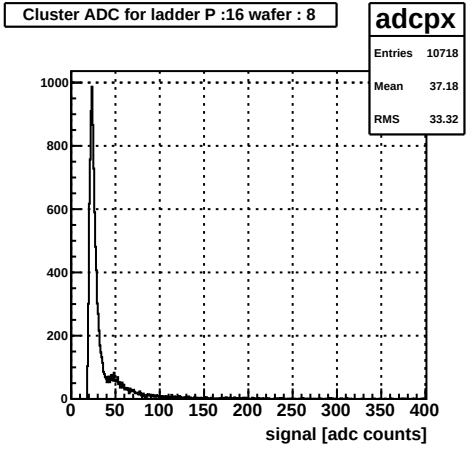

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 3733
Mean 56.64
RMS 51.88
signal [adc counts]

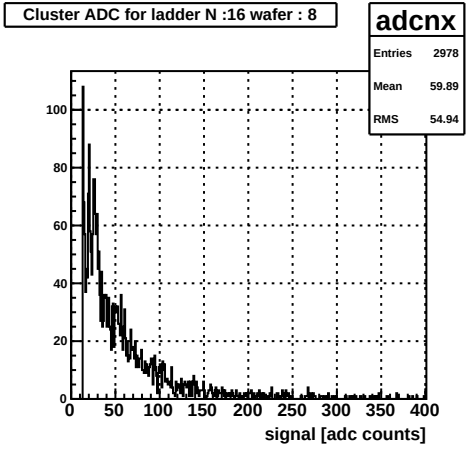

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3726
Mean 49.02
RMS 45.36
signal [adc counts]

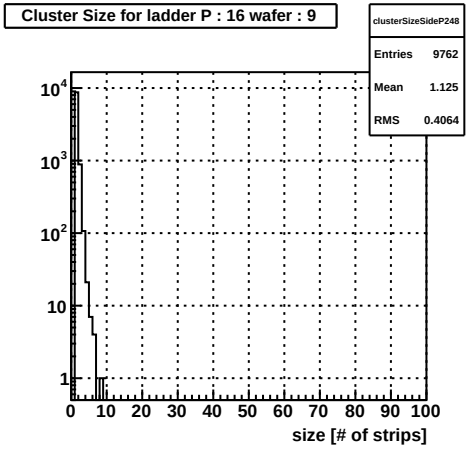

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 10718
Mean 1.141
RMS 0.4153
size [# of strips]

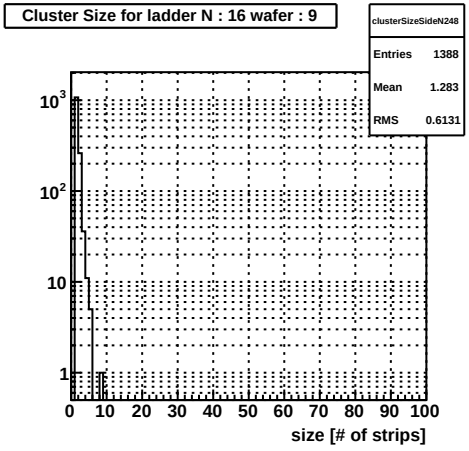

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2978
Mean 1.375
RMS 0.7026
size [# of strips]

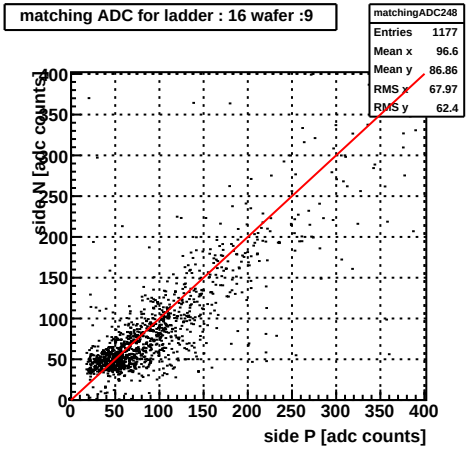

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1644
Mean x 73.87
Mean y 71.29
RMS x 57.82
RMS y 54.98
side N [adc counts]
side P [adc counts]

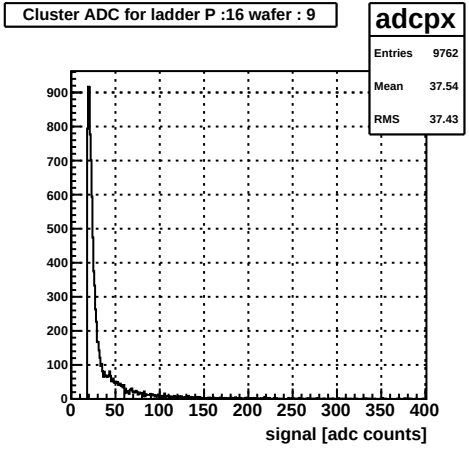

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 10718
Mean 37.18
RMS 33.32
signal [adc counts]

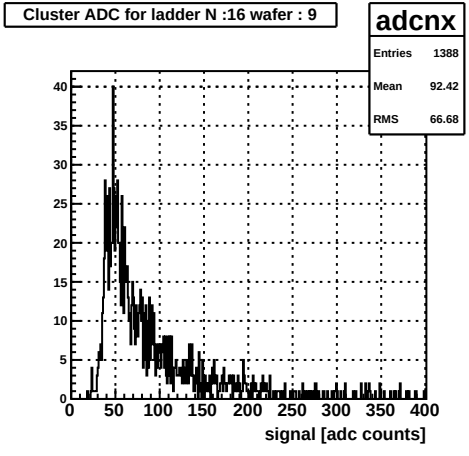

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2978
Mean 59.89
RMS 54.94
signal [adc counts]

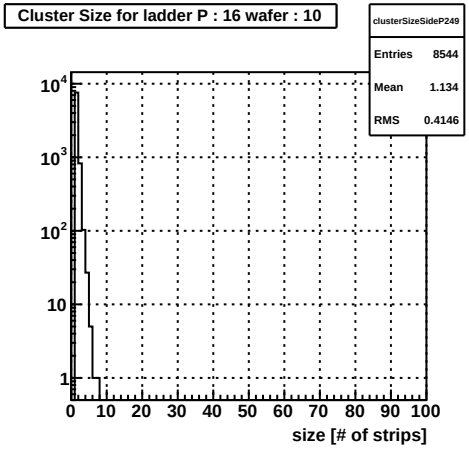

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 9762
Mean 1.125
RMS 0.4064
size [# of strips]

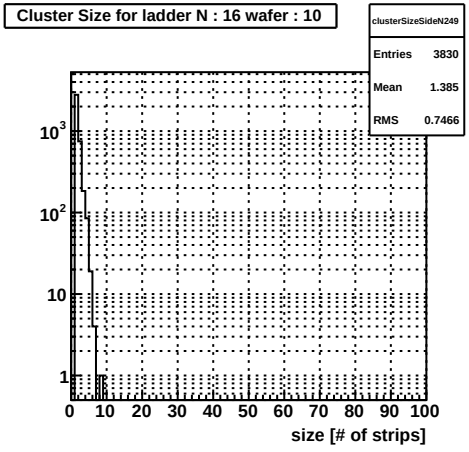

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1388
Mean 1.283
RMS 0.6131
size [# of strips]

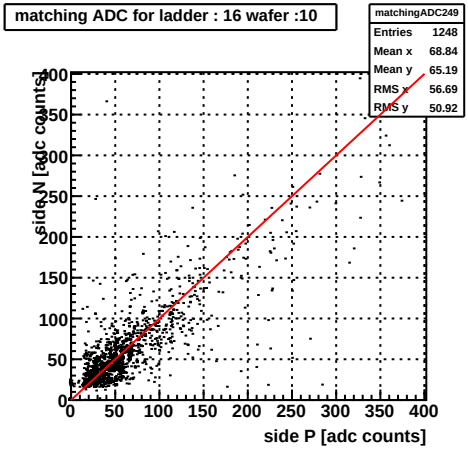

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1177
Mean x 96.6
Mean y 86.86
RMS x 67.97
RMS y 62.4
side N [adc counts]
side P [adc counts]

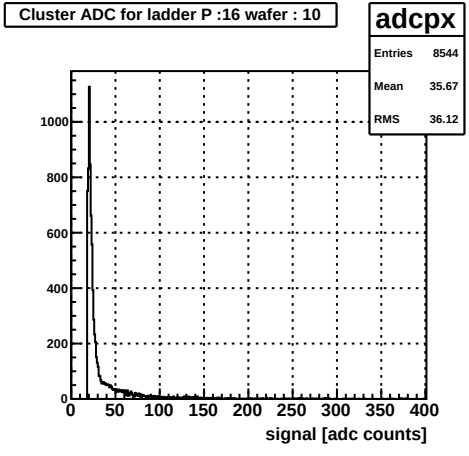

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 9762
Mean 37.54
RMS 37.43
signal [adc counts]

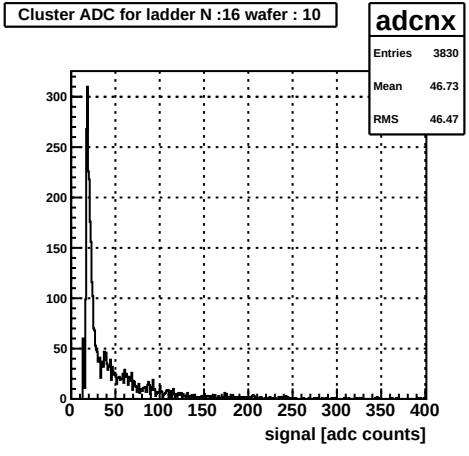

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1388
Mean 92.42
RMS 66.68
signal [adc counts]

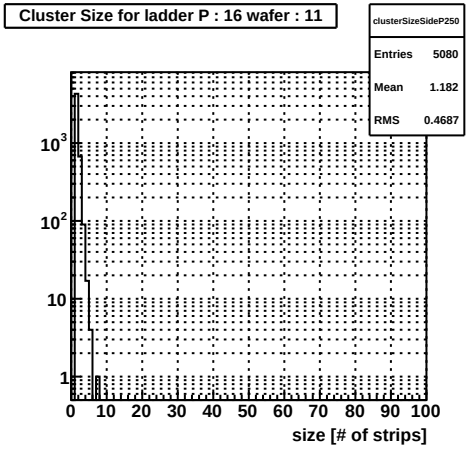

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8544
Mean 1.134
RMS 0.4146
size [# of strips]

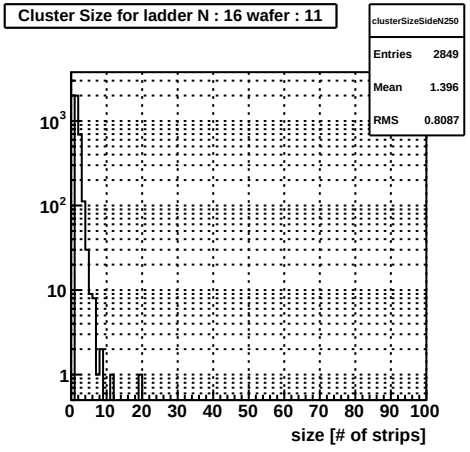

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3830
Mean 1.385
RMS 0.7466
size [# of strips]

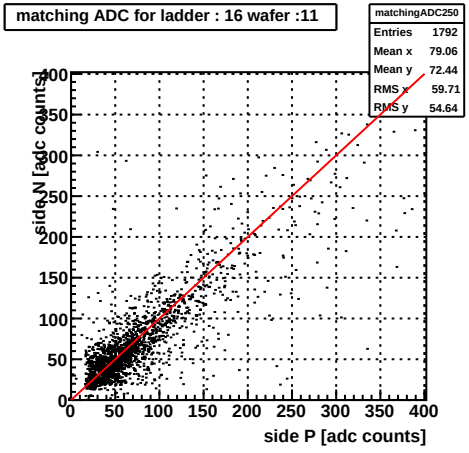

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1248
Mean x 68.84
Mean y 65.19
RMS x 56.69
RMS y 50.92
side N [adc counts]
side P [adc counts]

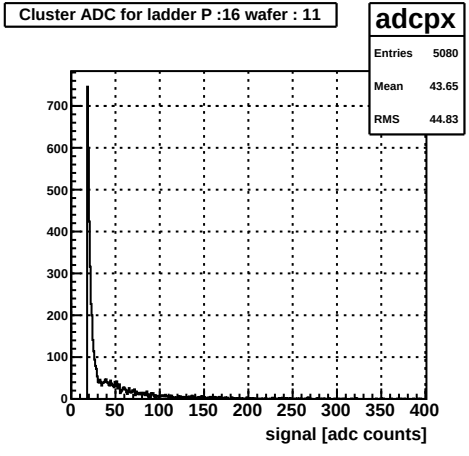

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8544
Mean 35.67
RMS 36.12
signal [adc counts]

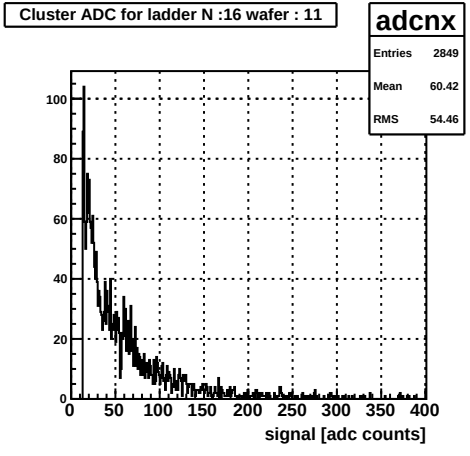

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3830
Mean 46.73
RMS 46.47
signal [adc counts]

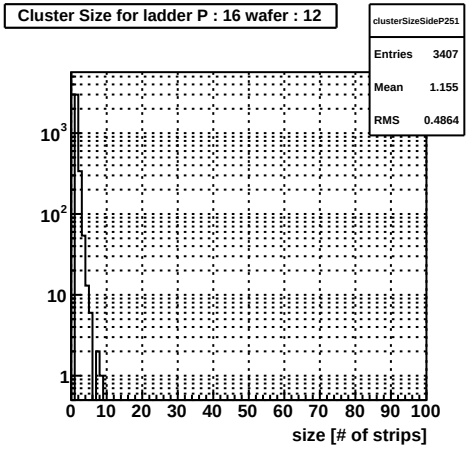

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5080
Mean 1.182
RMS 0.4687
size [# of strips]

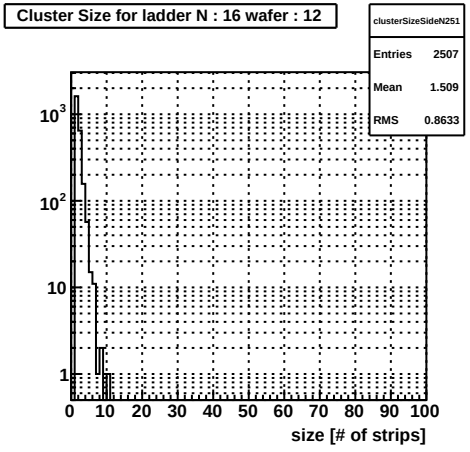

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2849
Mean 1.396
RMS 0.8087
size [# of strips]

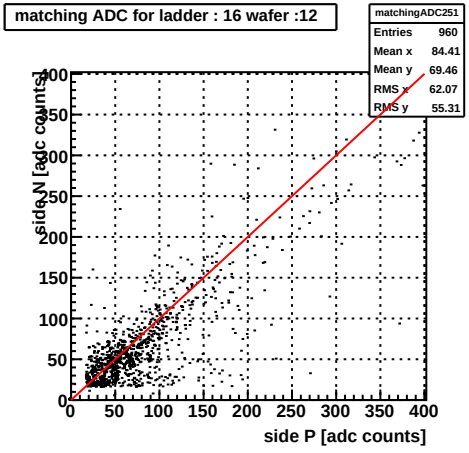

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1792
Mean x 79.06
Mean y 72.44
RMS x 59.71
RMS y 54.64
side N [adc counts]
side P [adc counts]

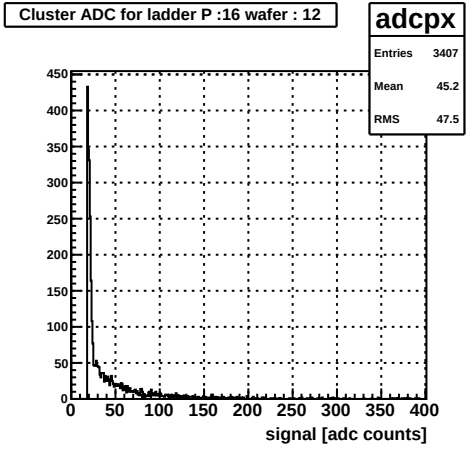

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5080
Mean 43.65
RMS 44.83
signal [adc counts]

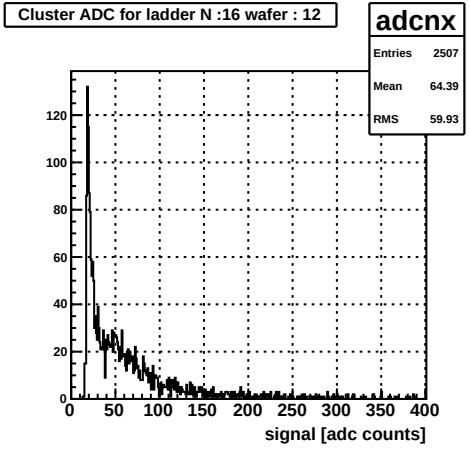

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2849
Mean 60.42
RMS 54.46
signal [adc counts]

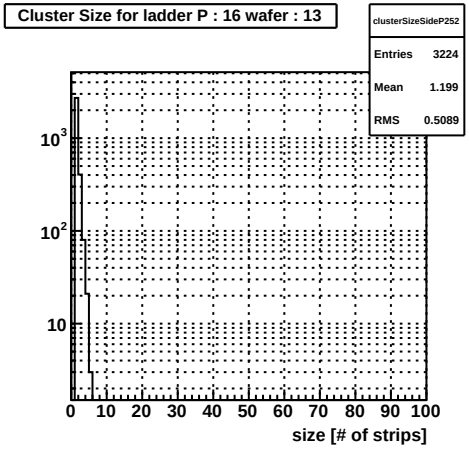

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3407
Mean 1.155
RMS 0.4864
size [# of strips]

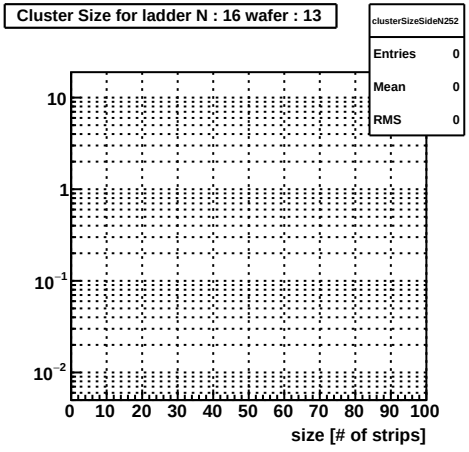

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2507
Mean 1.509
RMS 0.8633
size [# of strips]

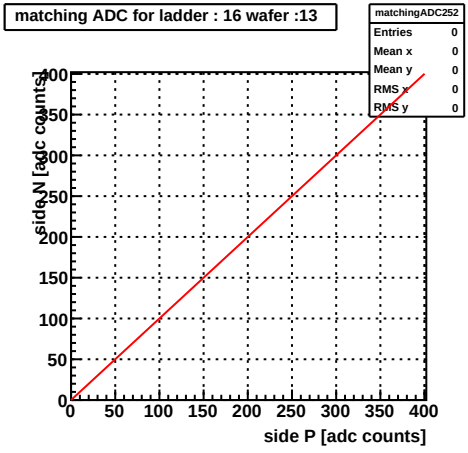

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 960
Mean x 84.41
Mean y 69.46
RMS x 62.07
RMS y 55.31
side N [adc counts]
side P [adc counts]

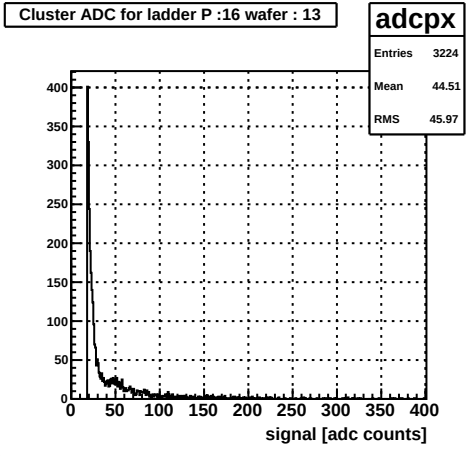

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3407
Mean 45.2
RMS 47.5
signal [adc counts]

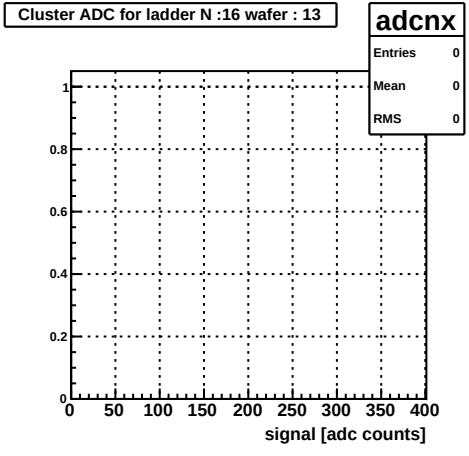

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2507
Mean 64.39
RMS 59.93
signal [adc counts]

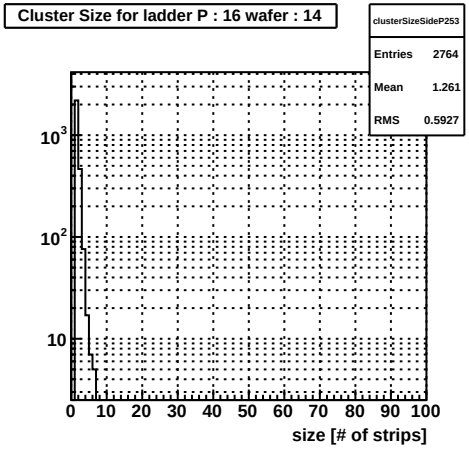

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3224
Mean 1.199
RMS 0.5089
size [# of strips]

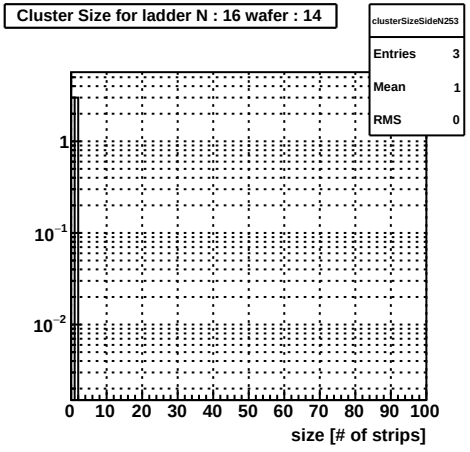

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

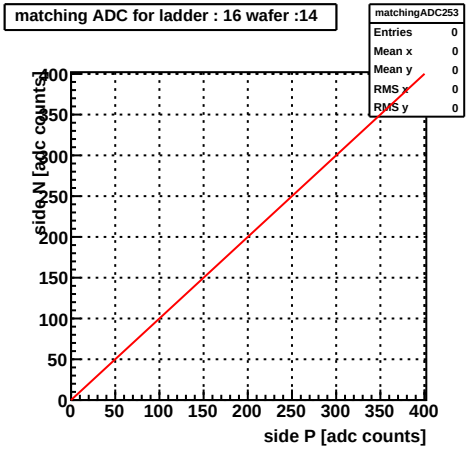

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

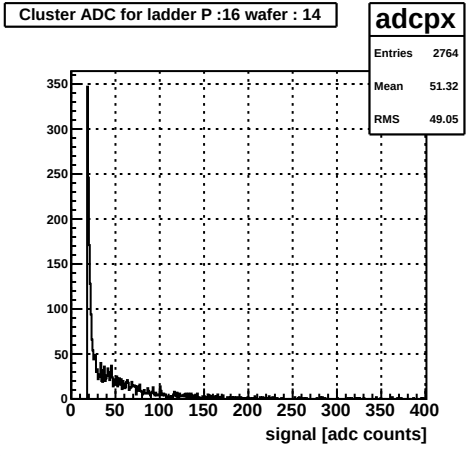

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3224
Mean 44.51
RMS 45.97
signal [adc counts]

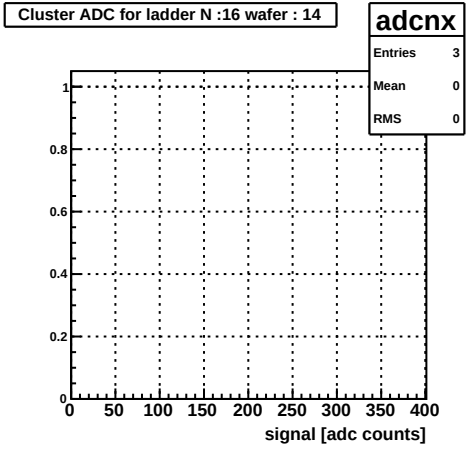

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

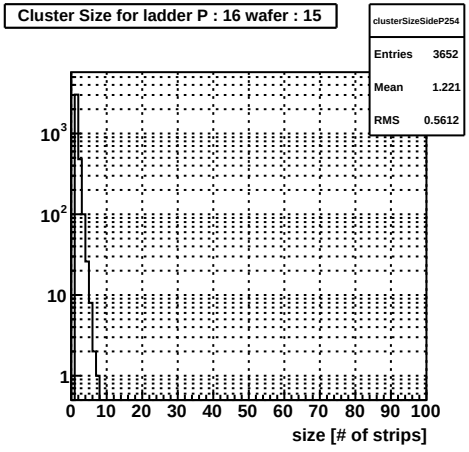

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2764
Mean 1.261
RMS 0.5927
size [# of strips]

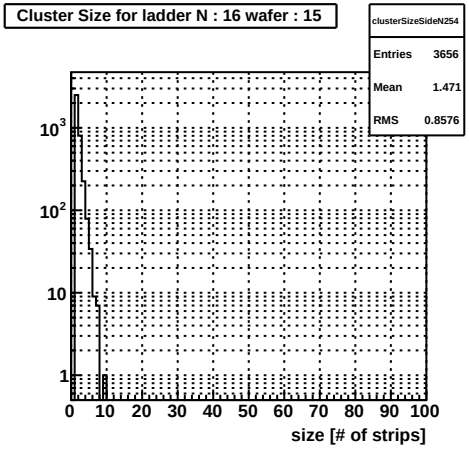

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 3
Mean 1
RMS 0
size [# of strips]

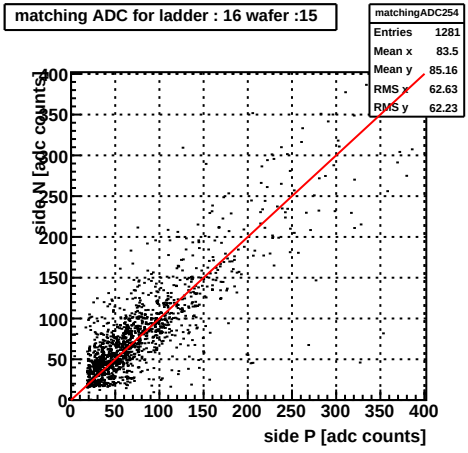

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

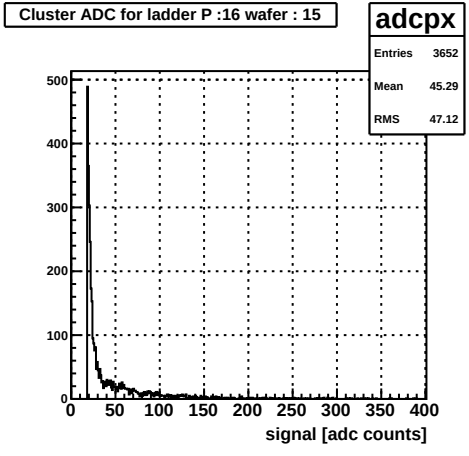

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2764
Mean 51.32
RMS 49.05
signal [adc counts]

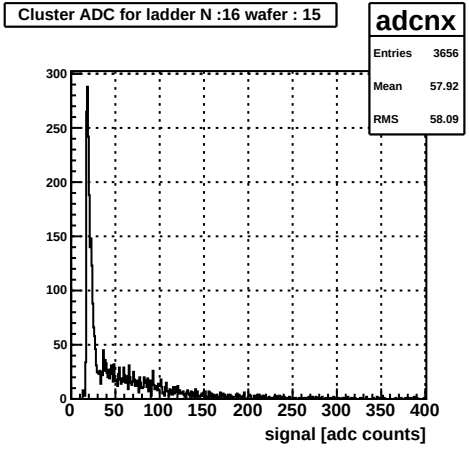

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

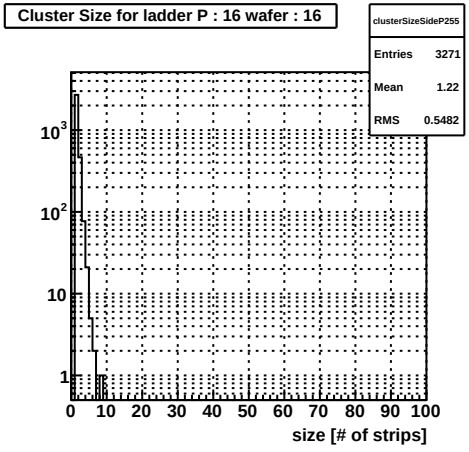

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3652
Mean 1.221
RMS 0.5612
size [# of strips]

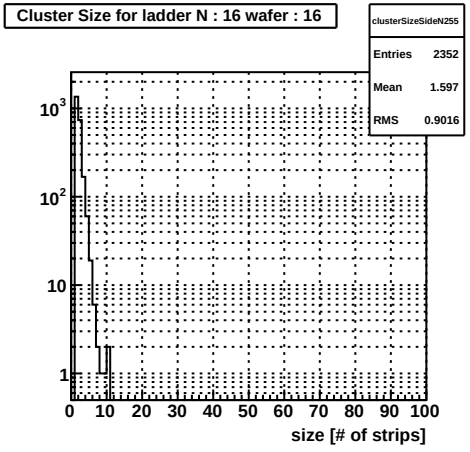

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3656
Mean 1.471
RMS 0.8576
size [# of strips]

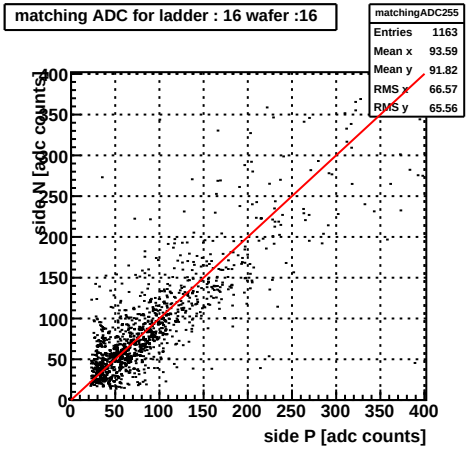

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1281
Mean x 83.5
Mean y 85.16
RMS x 62.63
RMS y 62.23
side N [adc counts]
side P [adc counts]

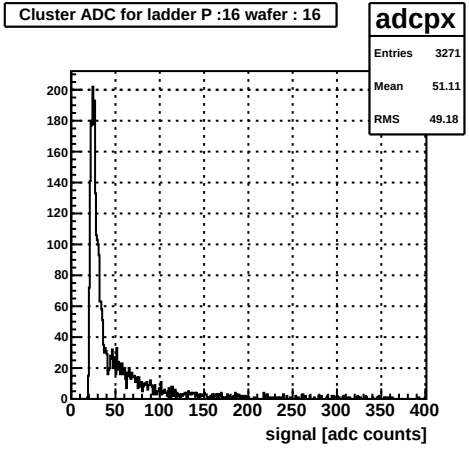

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3652
Mean 45.29
RMS 47.12
signal [adc counts]

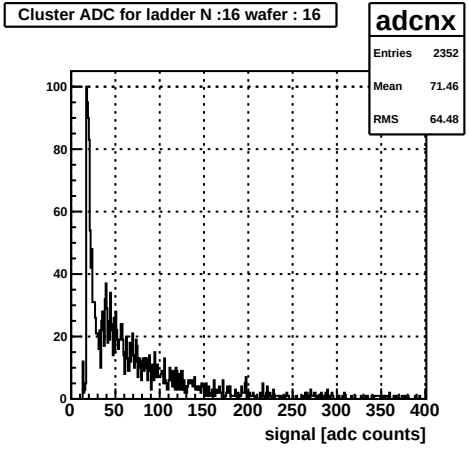

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3656
Mean 57.92
RMS 58.09
signal [adc counts]

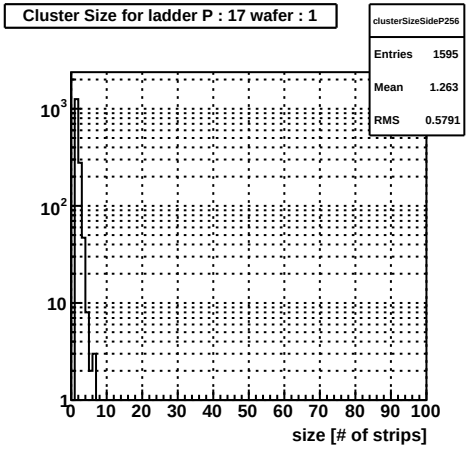

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3271
Mean 1.22
RMS 0.5482
size [# of strips]

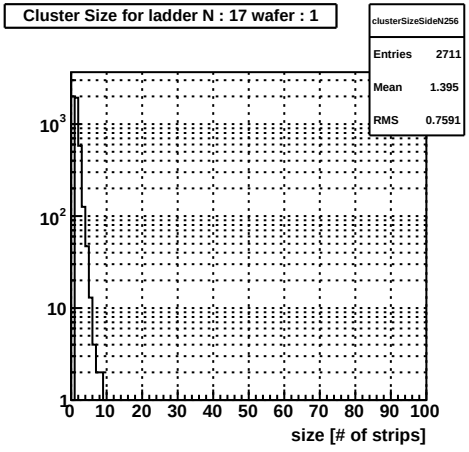

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2352
Mean 1.597
RMS 0.9016
size [# of strips]

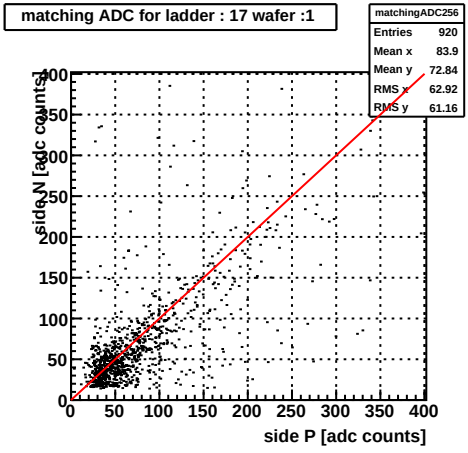

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1163
Mean x 93.59
Mean y 91.82
RMS x 66.57
RMS y 65.56
side N [adc counts]
side P [adc counts]

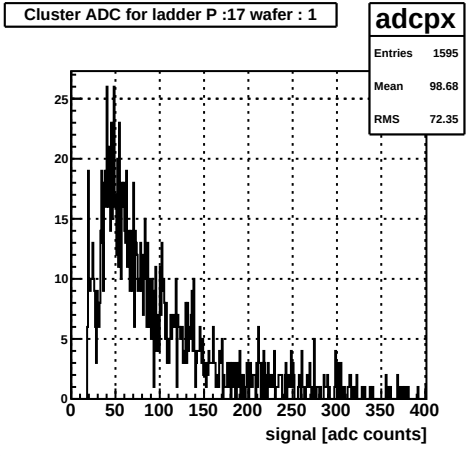

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3271
Mean 51.11
RMS 49.18
signal [adc counts]

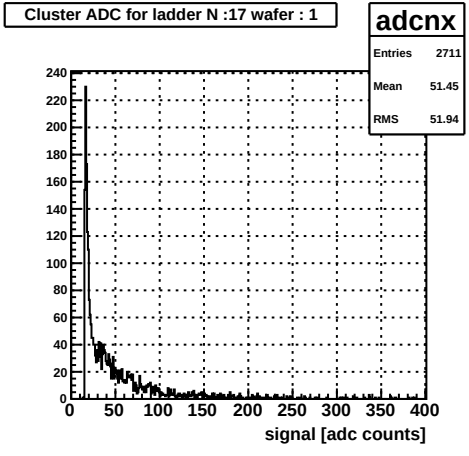

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2352
Mean 71.46
RMS 64.48
signal [adc counts]

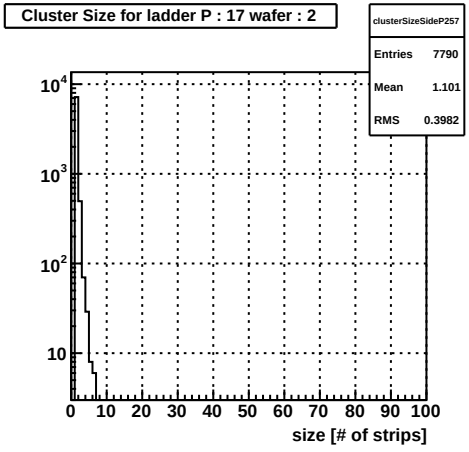

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1595
Mean 1.263
RMS 0.5791
size [# of strips]

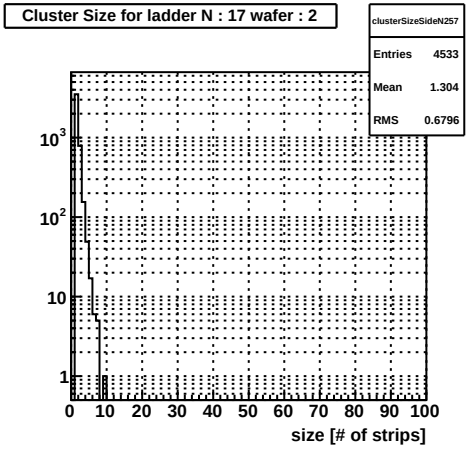

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2711
Mean 1.395
RMS 0.7591
size [# of strips]

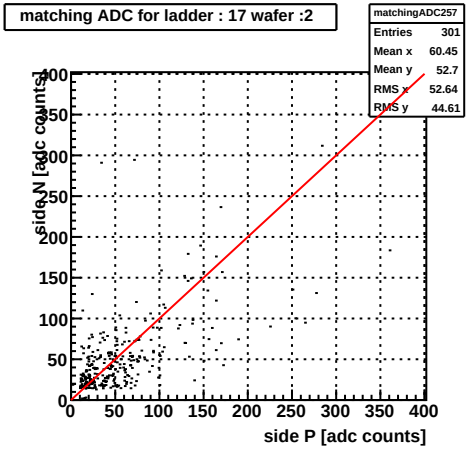

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 920
Mean x 83.9
Mean y 72.84
RMS x 62.92
RMS y 61.16
side N [adc counts]
side P [adc counts]

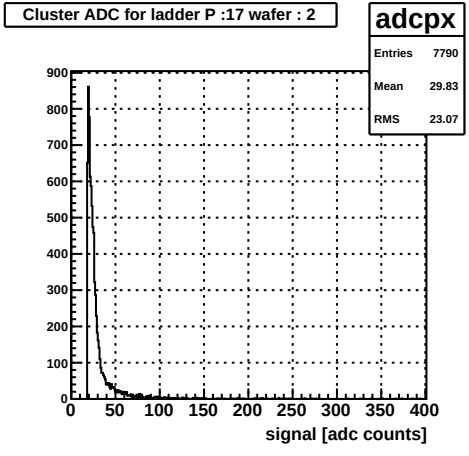

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1595
Mean 98.68
RMS 72.35
signal [adc counts]

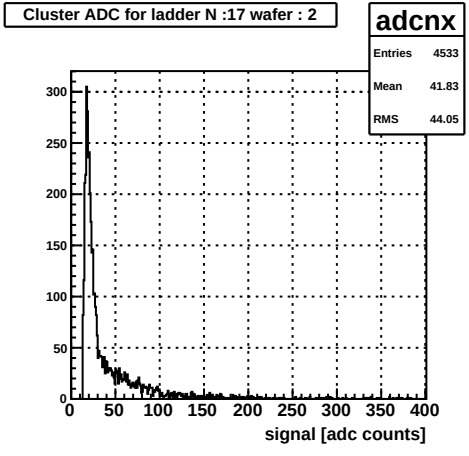

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2711
Mean 51.45
RMS 51.94
signal [adc counts]

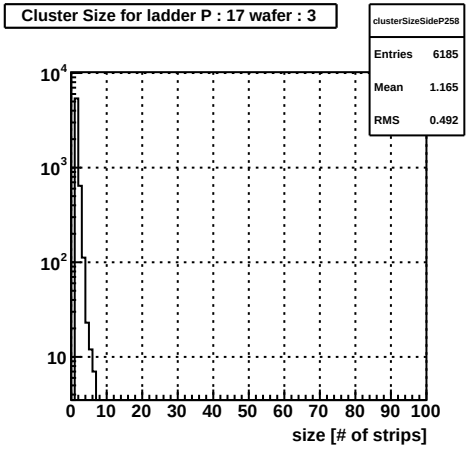

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7790
Mean 1.101
RMS 0.3982
size [# of strips]

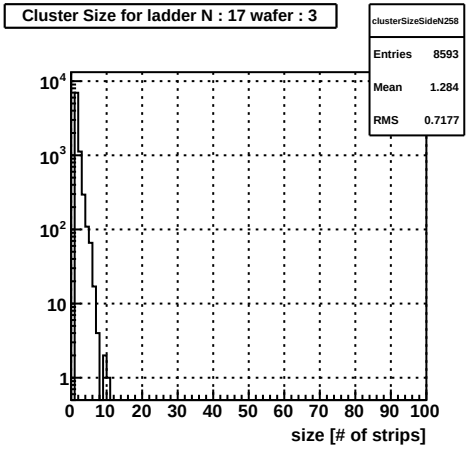

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4533
Mean 1.304
RMS 0.6796
size [# of strips]

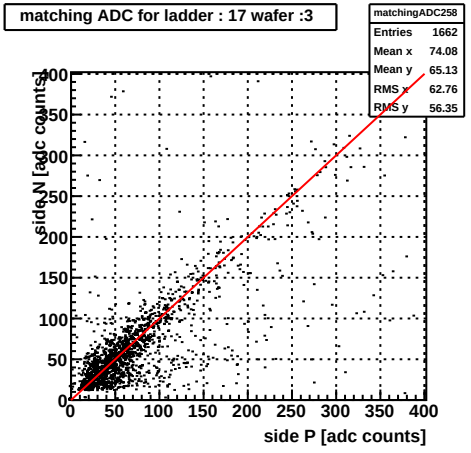

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 301
Mean x 60.45
Mean y 52.7
RMS x 52.64
RMS y 44.61
side N [adc counts]
side P [adc counts]

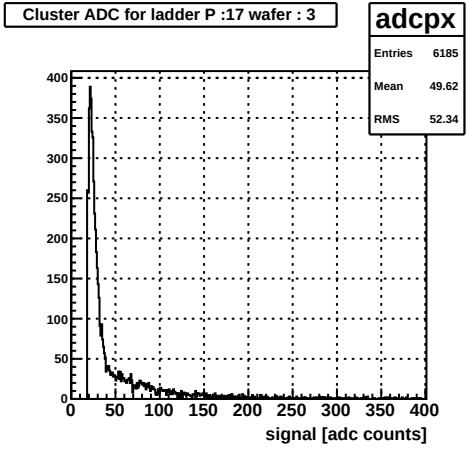

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7790
Mean 29.83
RMS 23.07
signal [adc counts]

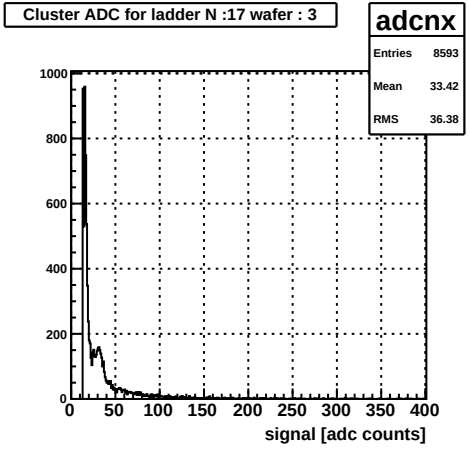

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4533
Mean 41.83
RMS 44.05
signal [adc counts]

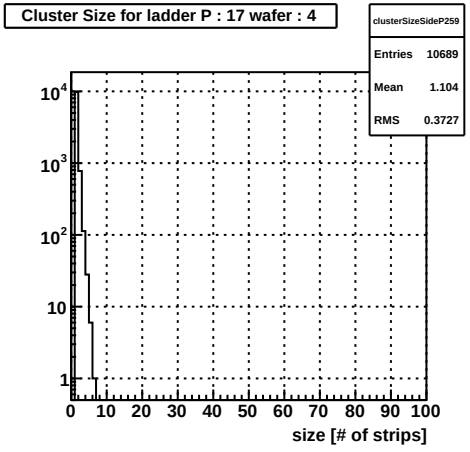

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6185
Mean 1.165
RMS 0.492
size [# of strips]

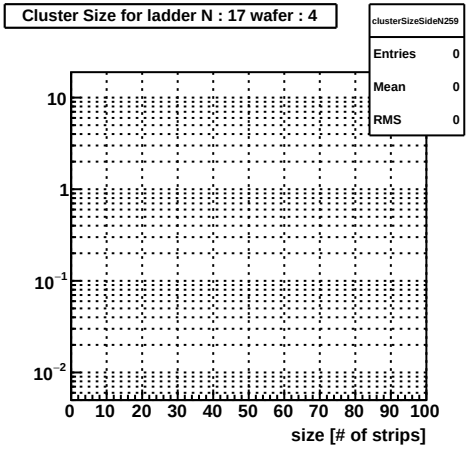

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8593
Mean 1.284
RMS 0.7177
size [# of strips]

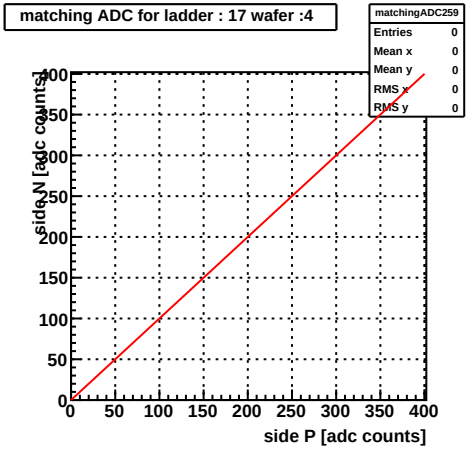

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1662
Mean x 74.08
Mean y 65.13
RMS x 62.76
RMS y 56.35
side N [adc counts]
side P [adc counts]

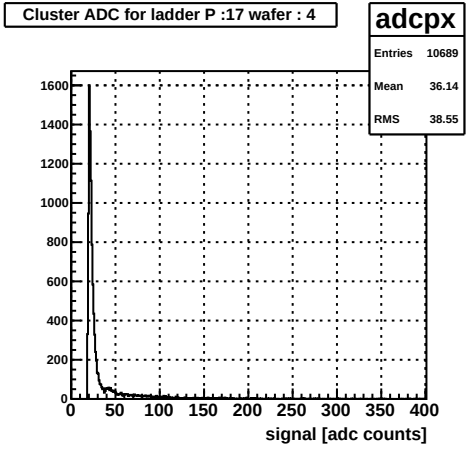

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6185
Mean 49.62
RMS 52.34
signal [adc counts]

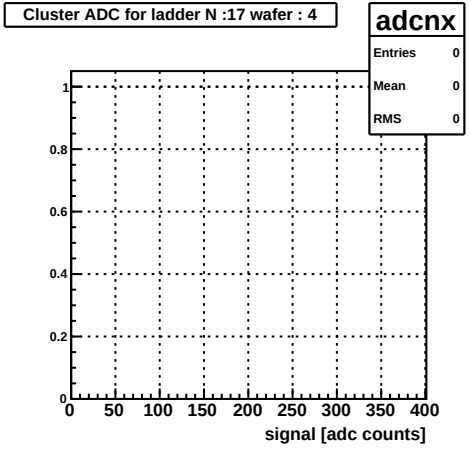

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8593
Mean 33.42
RMS 36.38
signal [adc counts]

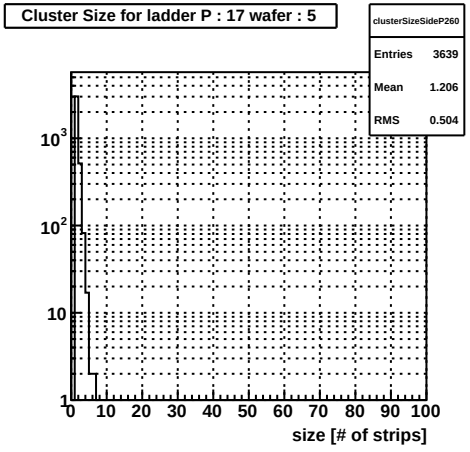

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10689
Mean 1.104
RMS 0.3727
size [# of strips]

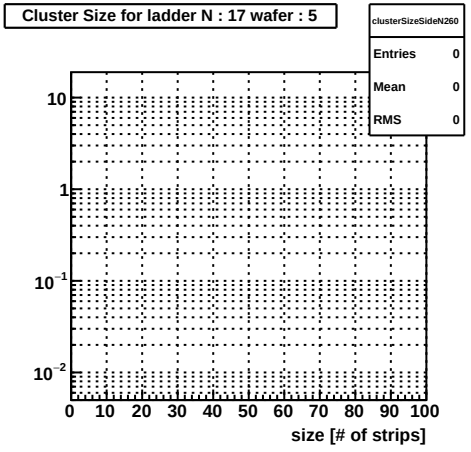

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

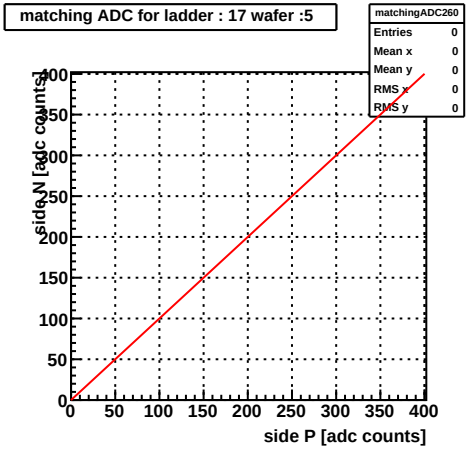

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

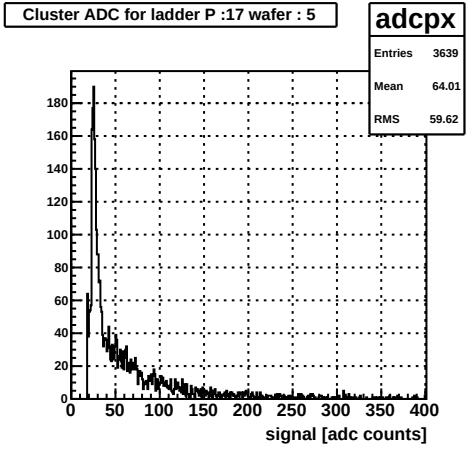

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10689
Mean 36.14
RMS 38.55
signal [adc counts]

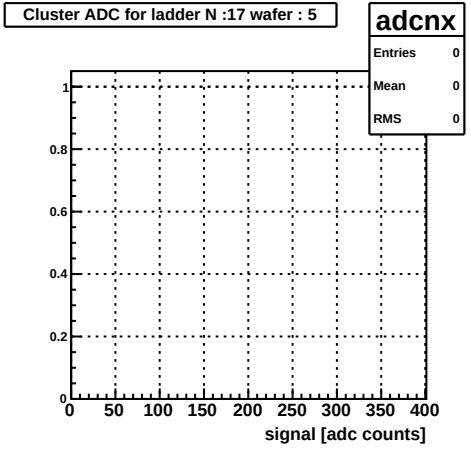

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

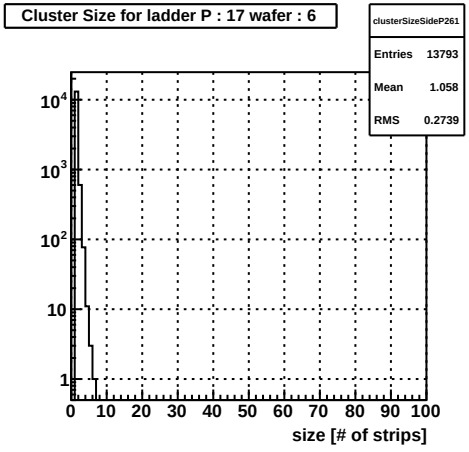

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3639
Mean 1.206
RMS 0.504
size [# of strips]

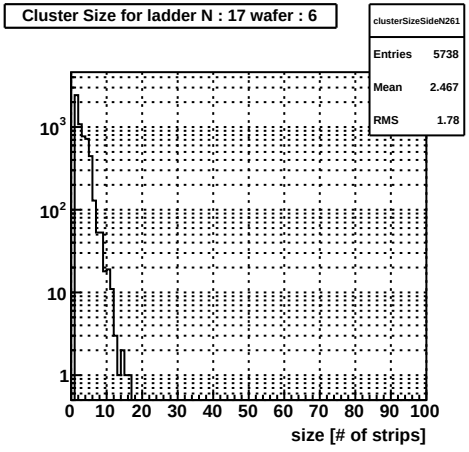

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

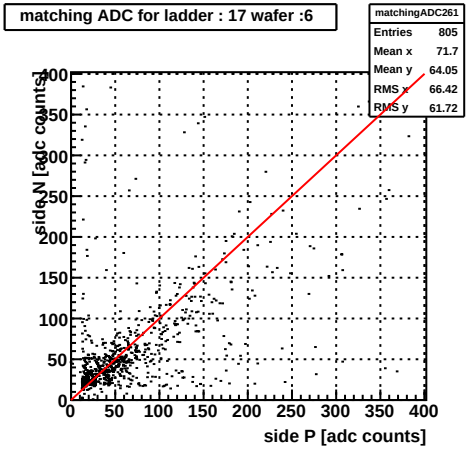

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

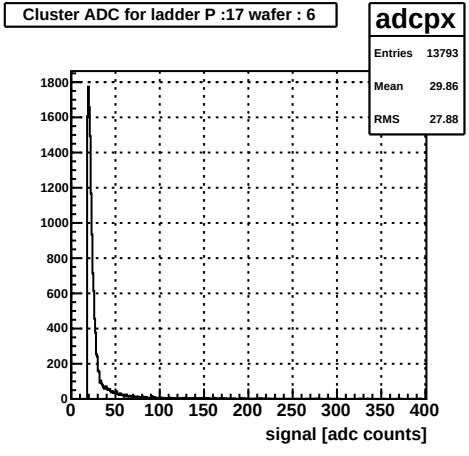

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3639
Mean 64.01
RMS 59.62
signal [adc counts]

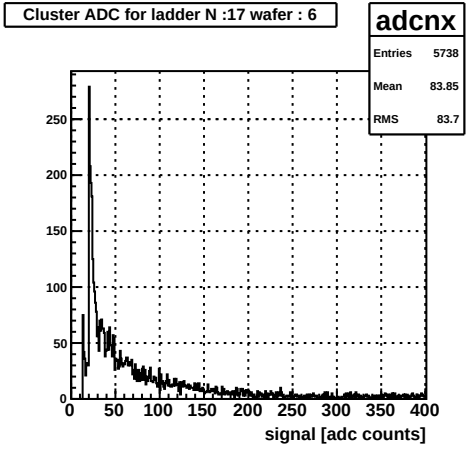

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

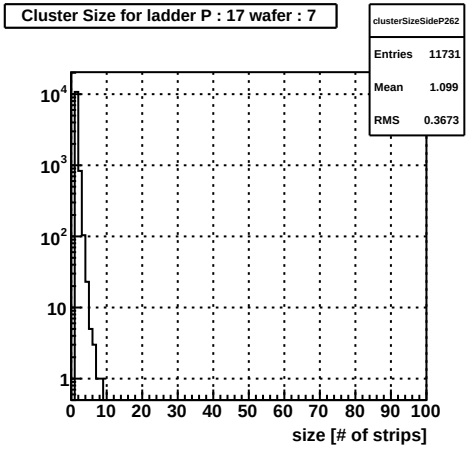

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 13793
Mean 1.058
RMS 0.2739
size [# of strips]

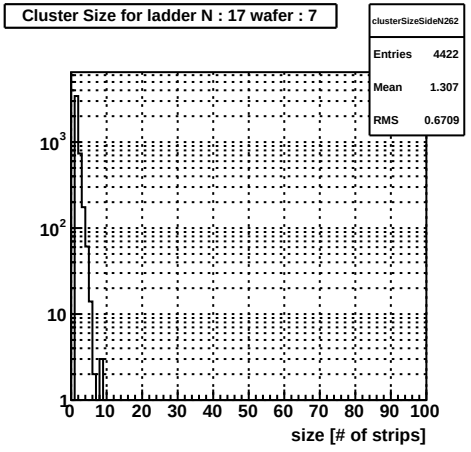

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5738
Mean 2.467
RMS 1.78
size [# of strips]

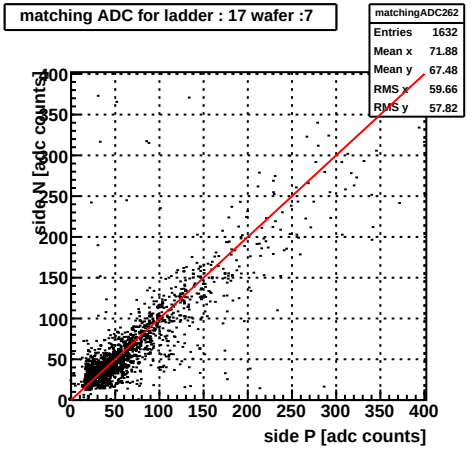

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 805
Mean x 71.7
Mean y 64.05
RMS x 66.42
RMS y 61.72
side N [adc counts]
side P [adc counts]

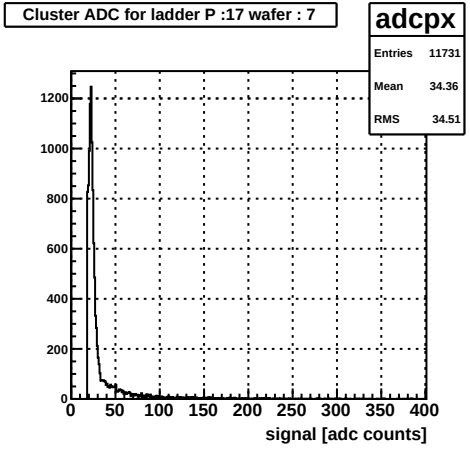

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 13793
Mean 29.86
RMS 27.88
signal [adc counts]

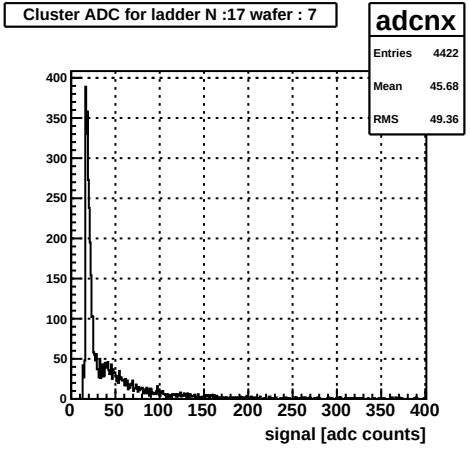

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5738
Mean 83.85
RMS 83.7
signal [adc counts]

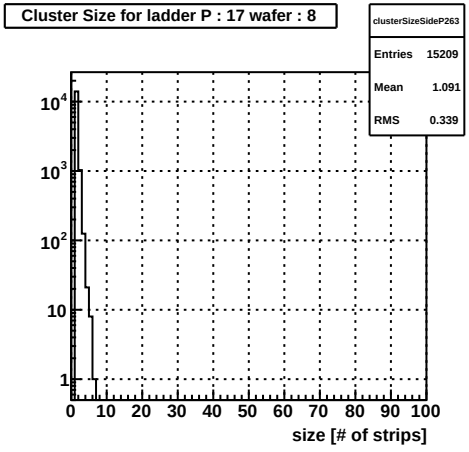

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11731
Mean 1.099
RMS 0.3673
size [# of strips]

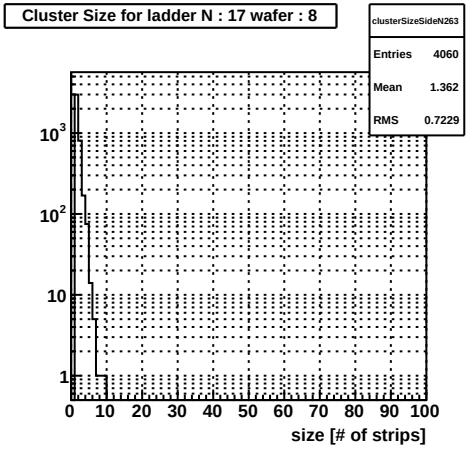

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 4422
Mean 1.307
RMS 0.6709
size [# of strips]

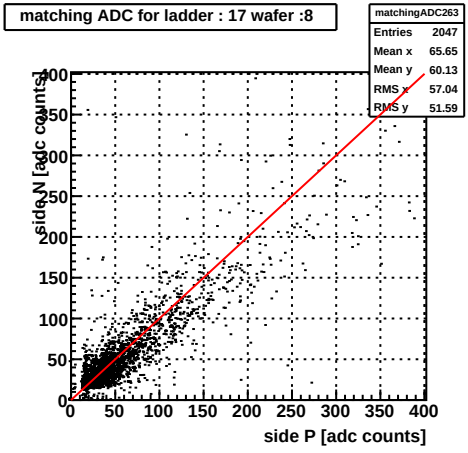

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1632
Mean x 71.88
Mean y 67.48
RMS x 59.66
RMS y 57.82
side N [adc counts]
side P [adc counts]

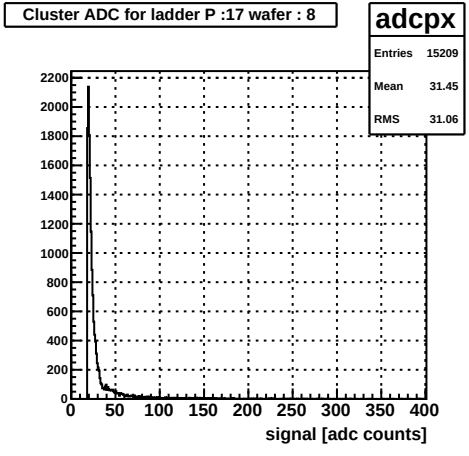

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11731
Mean 34.36
RMS 34.51
signal [adc counts]

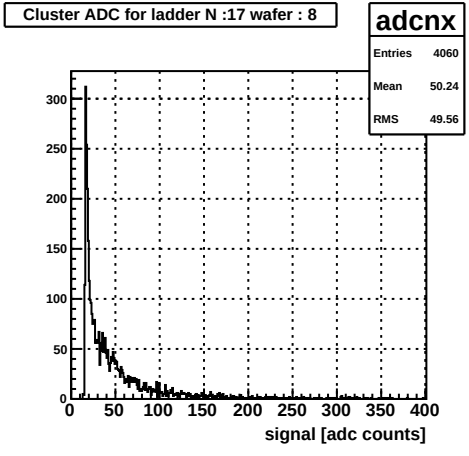

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 4422
Mean 45.68
RMS 49.36
signal [adc counts]

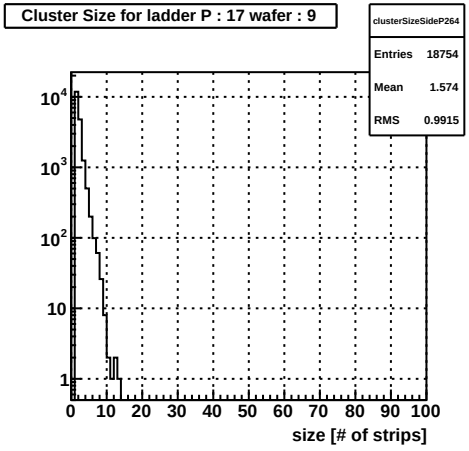

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 15209
Mean 1.091
RMS 0.339
size [# of strips]

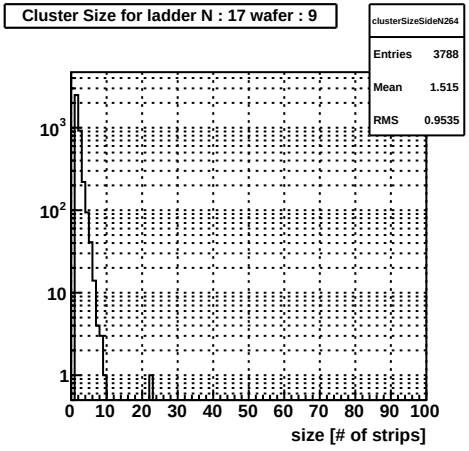

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 4060
Mean 1.362
RMS 0.7229
size [# of strips]

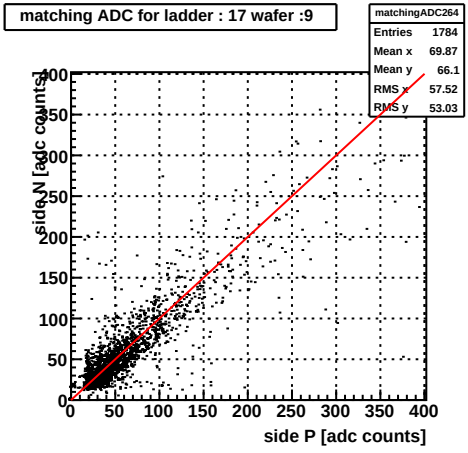

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 2047
Mean x 65.65
Mean y 60.13
RMS x 57.04
RMS y 51.59
side N [adc counts]
side P [adc counts]

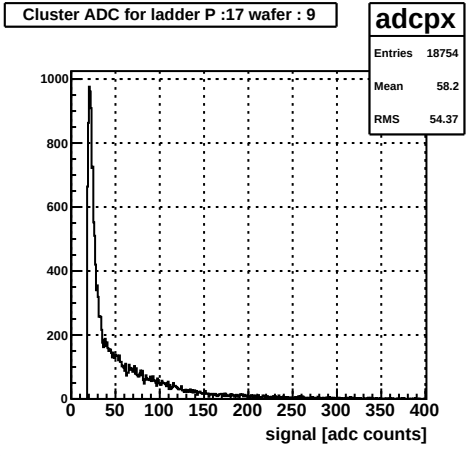

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 15209
Mean 31.45
RMS 31.06
signal [adc counts]

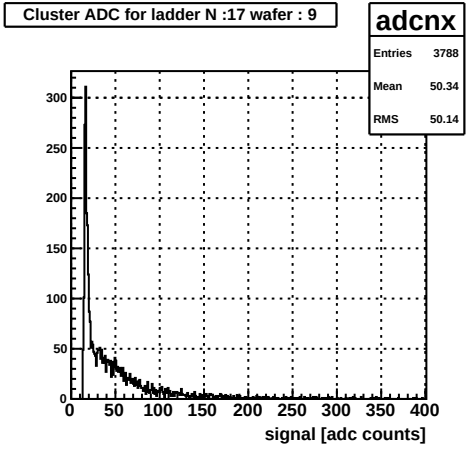

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 4060
Mean 50.24
RMS 49.56
signal [adc counts]

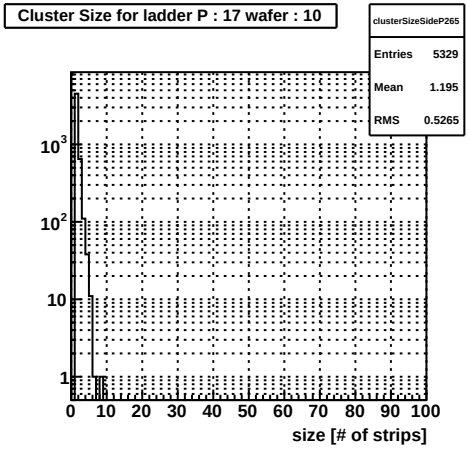

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 18754
Mean 1.574
RMS 0.9915
size [# of strips]

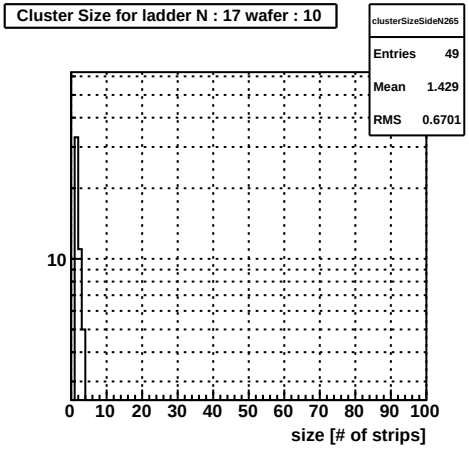

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3788
Mean 1.515
RMS 0.9535
size [# of strips]

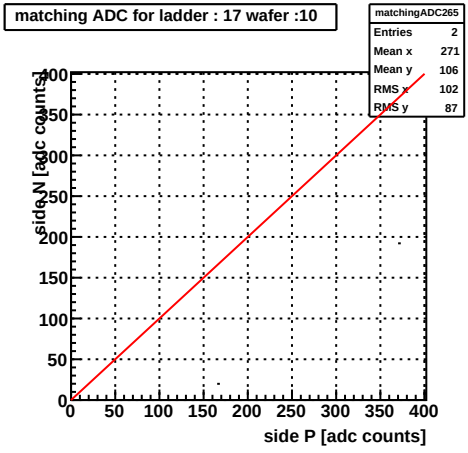

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1784
Mean x 69.87
Mean y 66.1
RMS x 57.52
RMS y 53.03
side N [adc counts]
side P [adc counts]

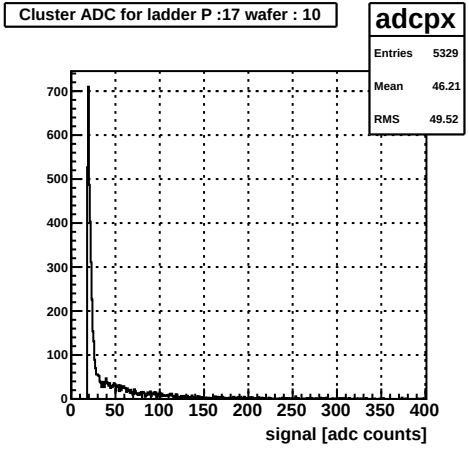

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 18754
Mean 58.2
RMS 54.37
signal [adc counts]

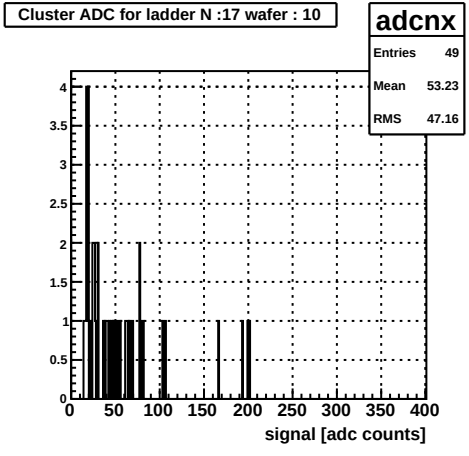

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3788
Mean 50.34
RMS 50.14
signal [adc counts]

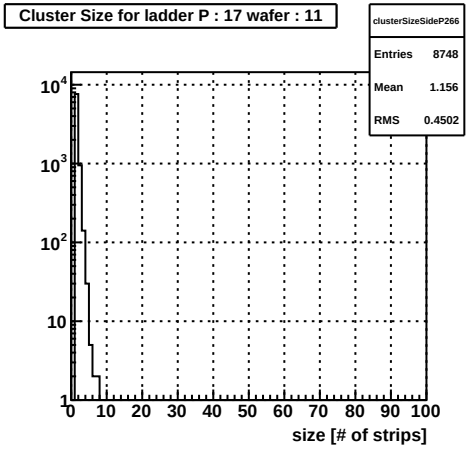

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5329
Mean 1.195
RMS 0.5265
size [# of strips]

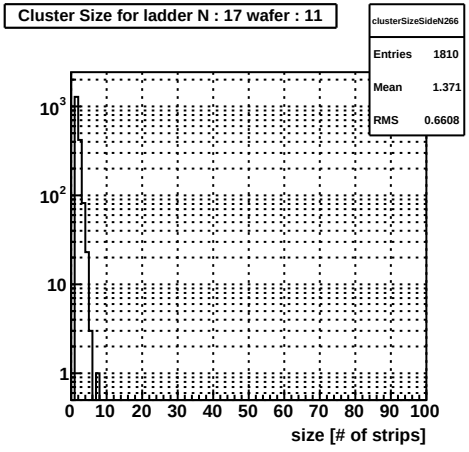

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 49
Mean 1.429
RMS 0.6701
size [# of strips]

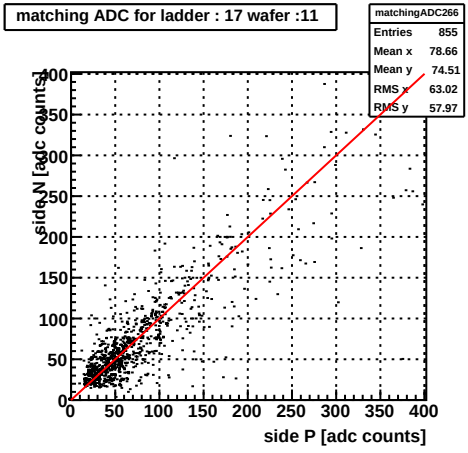

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 271
Mean y 106
RMS x 102
RMS y 87
side N [adc counts]
side P [adc counts]

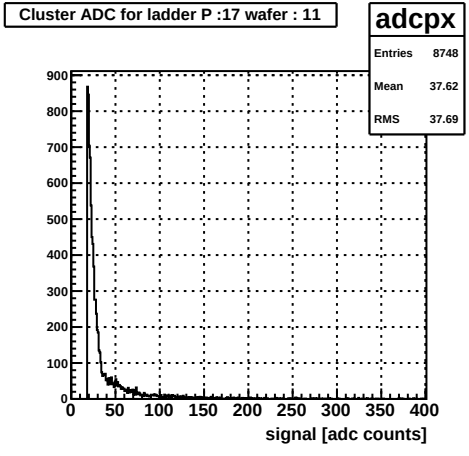

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5329
Mean 46.21
RMS 49.52
signal [adc counts]

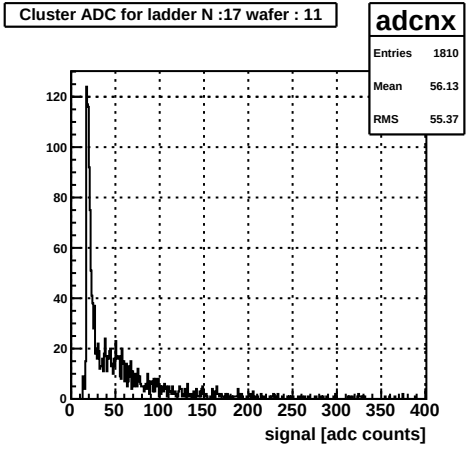

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 49
Mean 53.23
RMS 47.16
signal [adc counts]

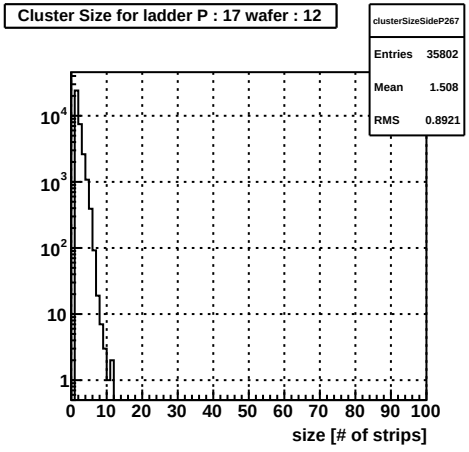

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8748
Mean 1.156
RMS 0.4502
size [# of strips]

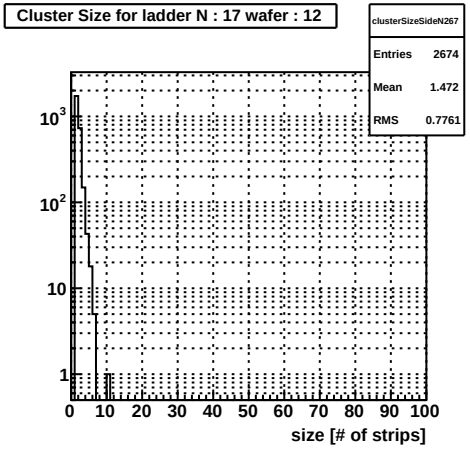

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1810
Mean 1.371
RMS 0.6608
size [# of strips]

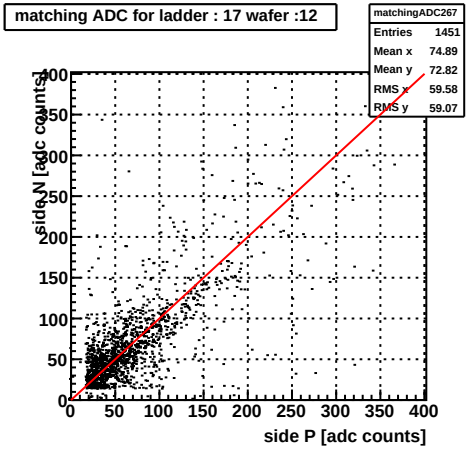

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 855
Mean x 78.66
Mean y 74.51
RMS x 63.02
RMS y 57.97
side N [adc counts]
side P [adc counts]

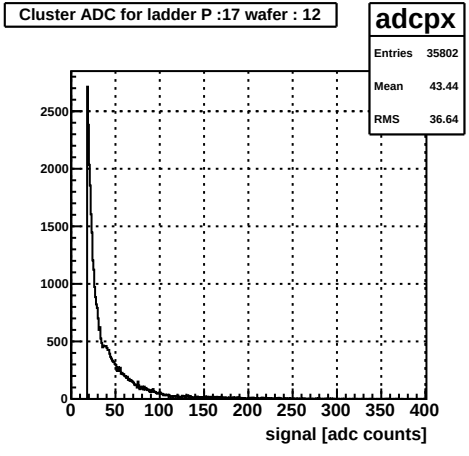

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8748
Mean 37.62
RMS 37.69
signal [adc counts]

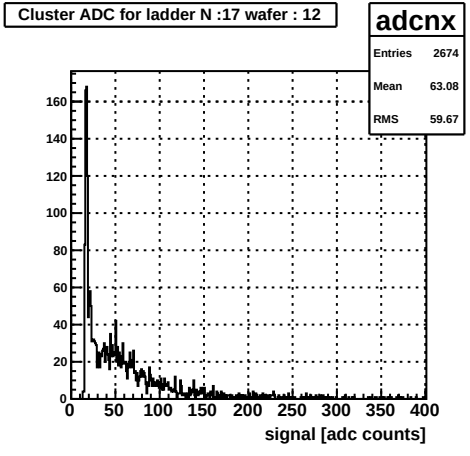

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1810
Mean 56.13
RMS 55.37
signal [adc counts]

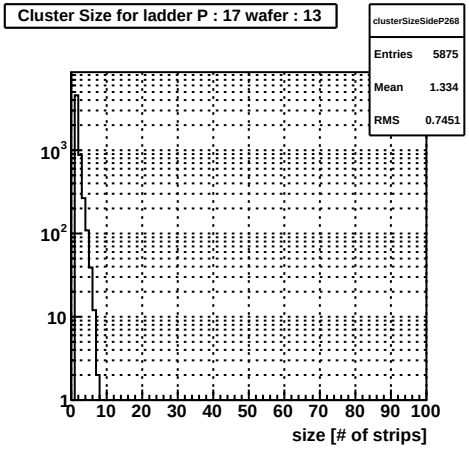

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 35802
Mean 1.508
RMS 0.8921
size [# of strips]

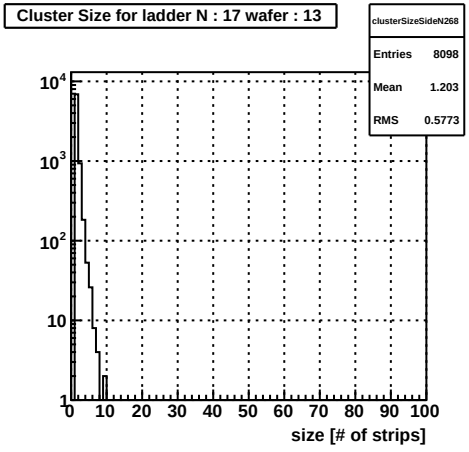

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2674
Mean 1.472
RMS 0.7761
size [# of strips]

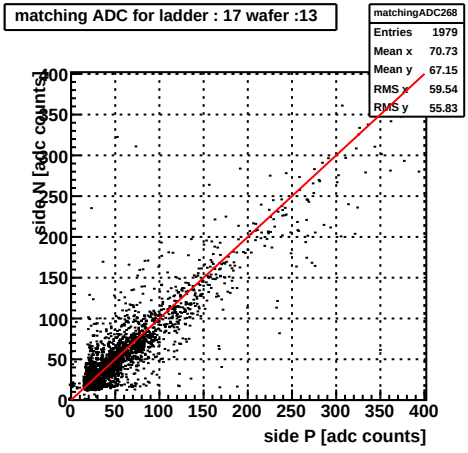

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1451
Mean x 74.89
Mean y 72.82
RMS x 59.58
RMS y 59.07
side N [adc counts]
side P [adc counts]

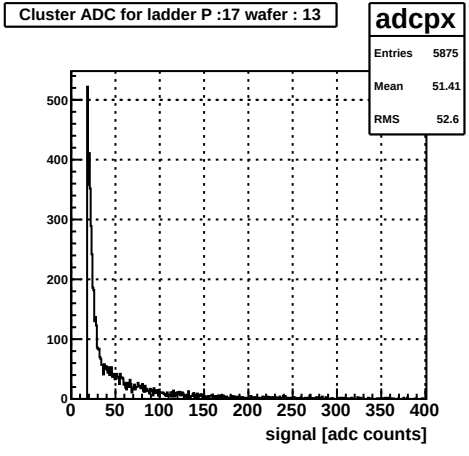

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 35802
Mean 43.44
RMS 36.64
signal [adc counts]

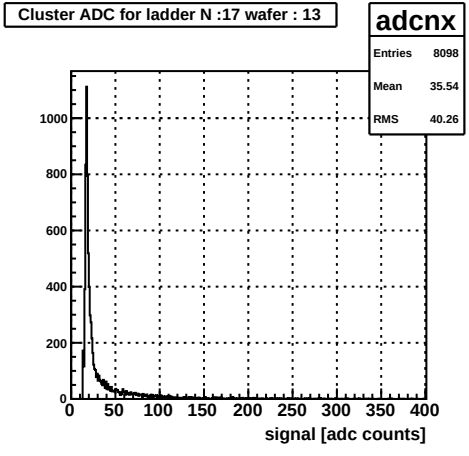

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2674
Mean 63.08
RMS 59.67
signal [adc counts]

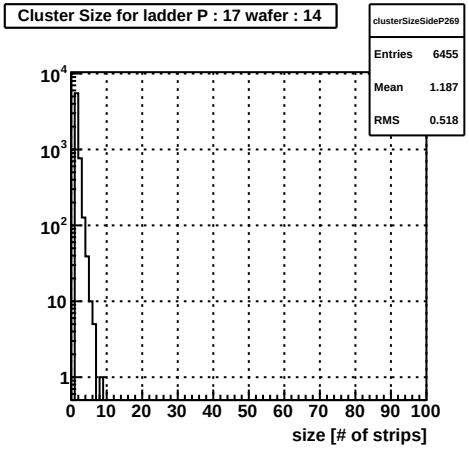

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5875
Mean 1.334
RMS 0.7451
size [# of strips]

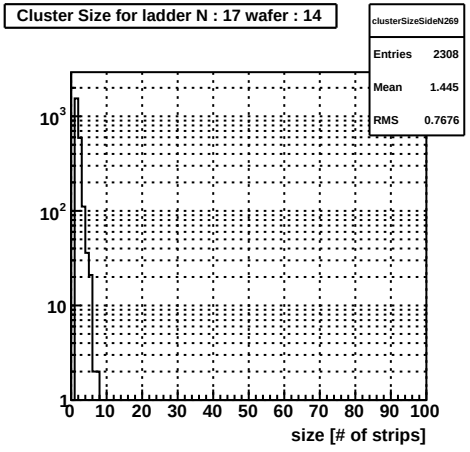

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8098
Mean 1.203
RMS 0.5773
size [# of strips]

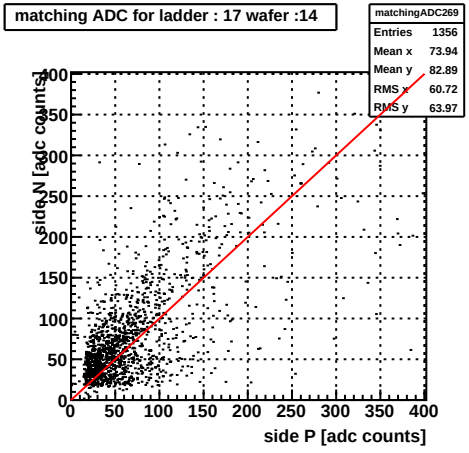

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1979
Mean x 70.73
Mean y 67.15
RMS x 59.54
RMS y 55.83
side N [adc counts]
side P [adc counts]

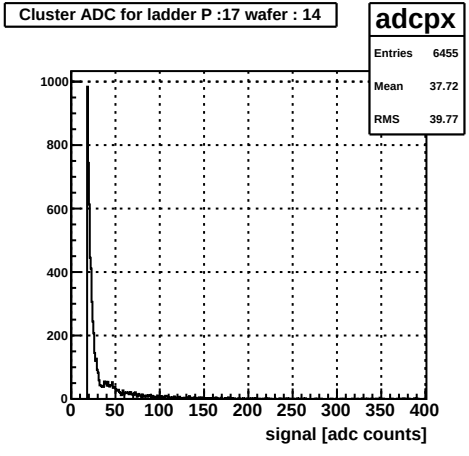

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5875
Mean 51.41
RMS 52.6
signal [adc counts]

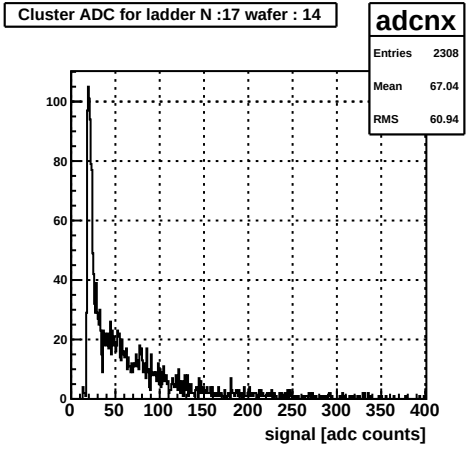

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8098
Mean 35.54
RMS 40.26
signal [adc counts]

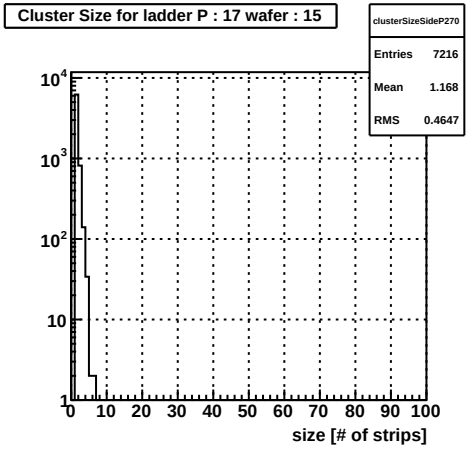

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6455
Mean 1.187
RMS 0.518
size [# of strips]

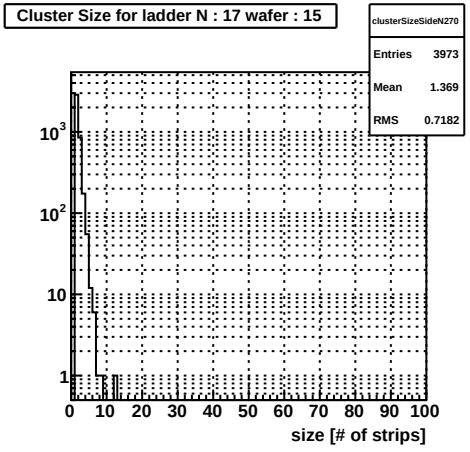

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2308
Mean 1.445
RMS 0.7676
size [# of strips]

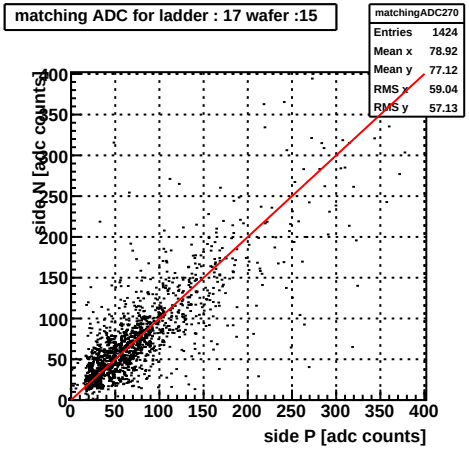

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1356
Mean x 73.94
Mean y 82.89
RMS x 60.72
RMS y 63.97
side N [adc counts]
side P [adc counts]

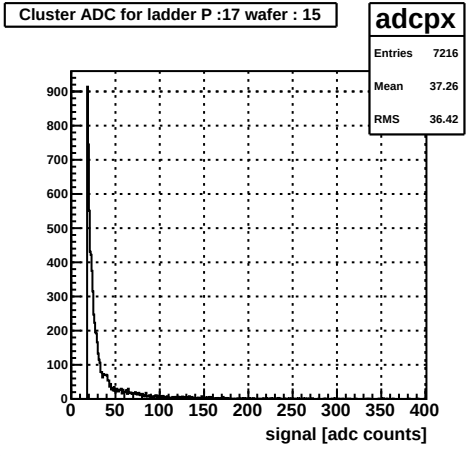

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6455
Mean 37.72
RMS 39.77
signal [adc counts]

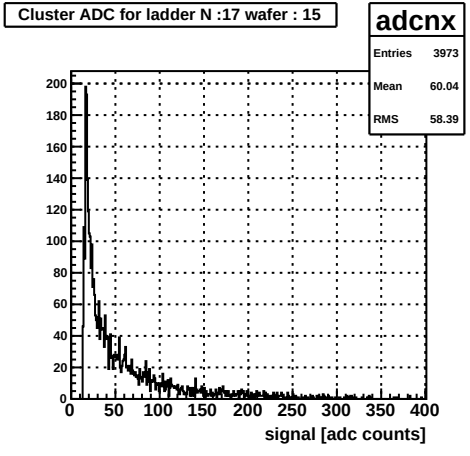

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2308
Mean 67.04
RMS 60.94
signal [adc counts]

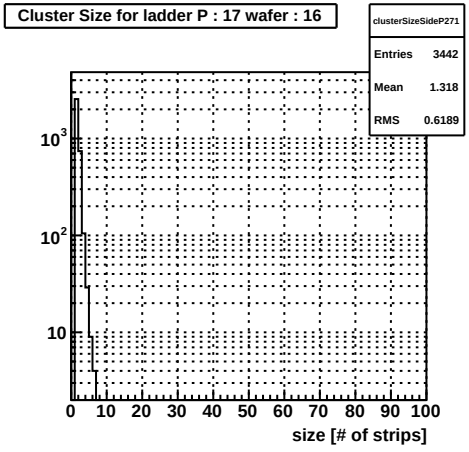

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7216
Mean 1.168
RMS 0.4647
size [# of strips]

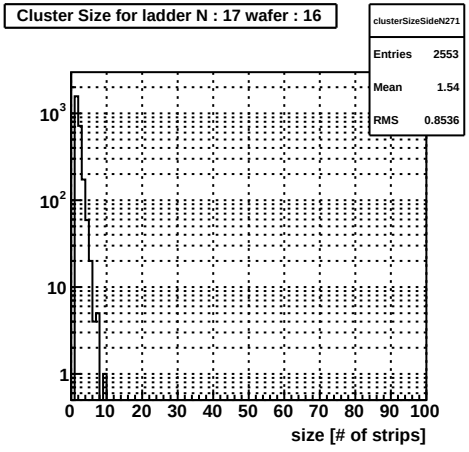

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3973
Mean 1.369
RMS 0.7182
size [# of strips]

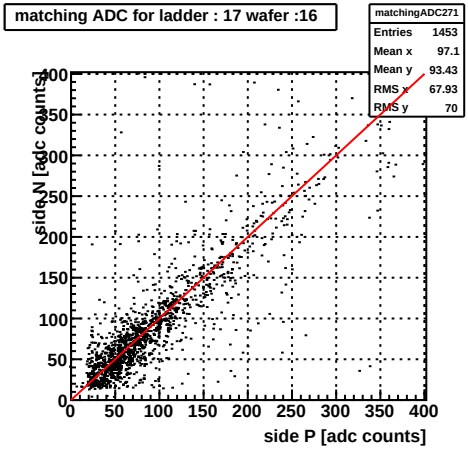

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1424
Mean x 78.92
Mean y 77.12
RMS x 59.04
RMS y 57.13
side N [adc counts]
side P [adc counts]

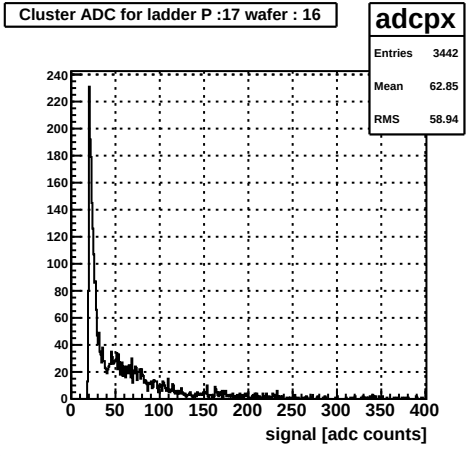

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7216
Mean 37.26
RMS 36.42
signal [adc counts]

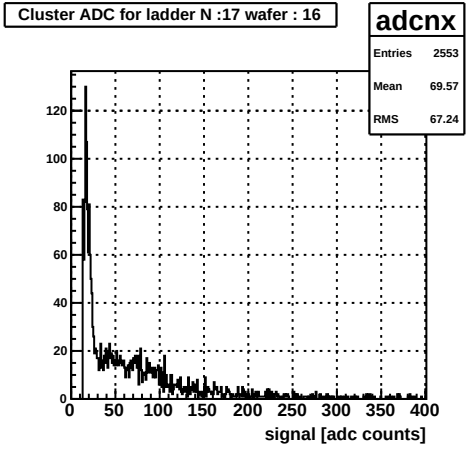

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3973
Mean 60.04
RMS 58.39
signal [adc counts]

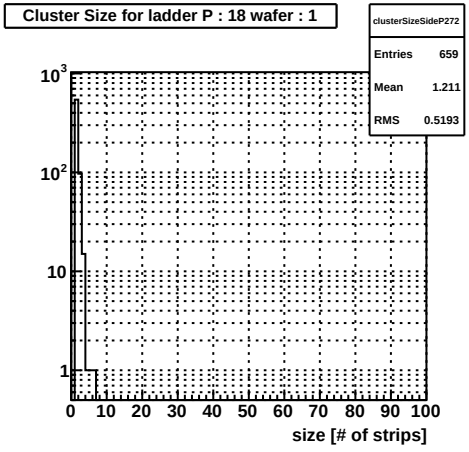

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3442
Mean 1.318
RMS 0.6189
size [# of strips]

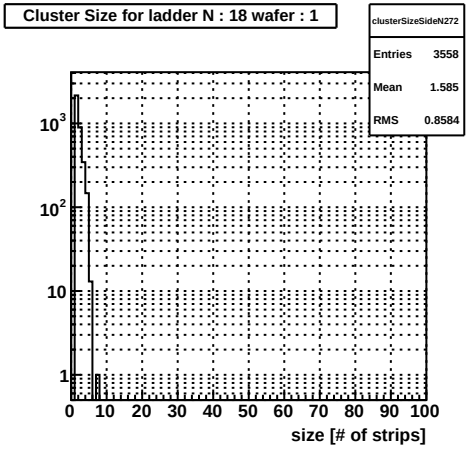

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2553
Mean 1.54
RMS 0.8536
size [# of strips]

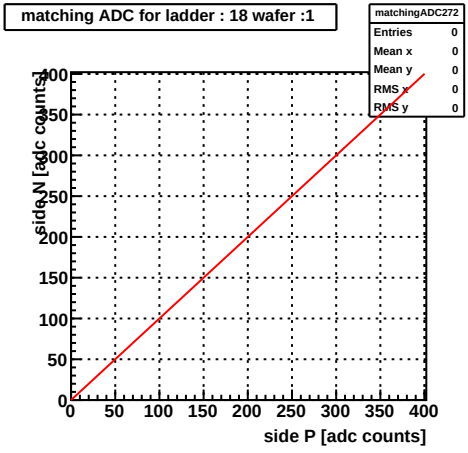

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1453
Mean x 97.1
Mean y 93.43
RMS x 67.93
RMS y 70
side N [adc counts]
side P [adc counts]

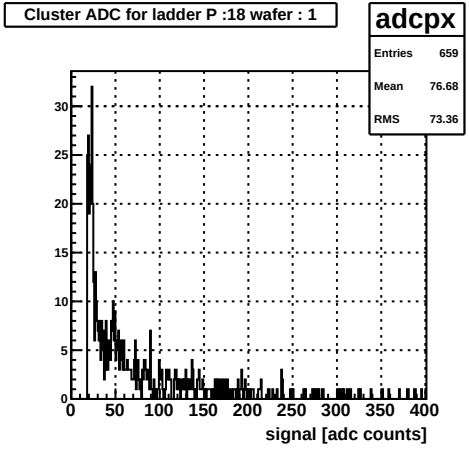

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3442
Mean 62.85
RMS 58.94
signal [adc counts]

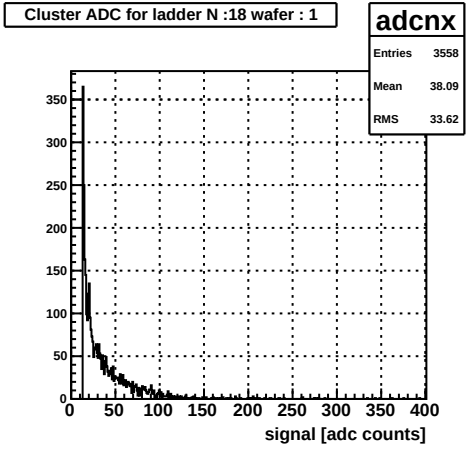

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2553
Mean 69.57
RMS 67.24
signal [adc counts]

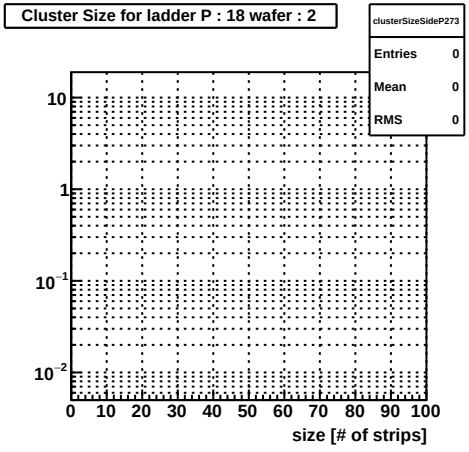

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 659
Mean 1.211
RMS 0.5193
size [# of strips]

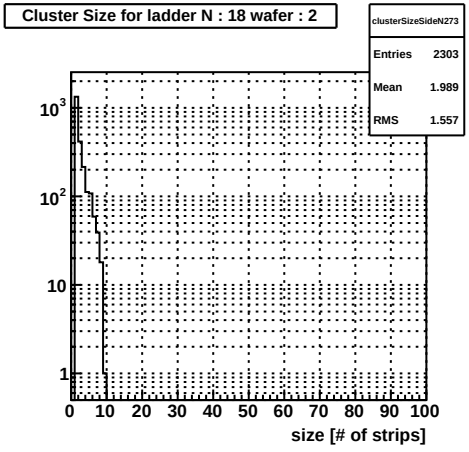

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3558
Mean 1.585
RMS 0.8584
size [# of strips]

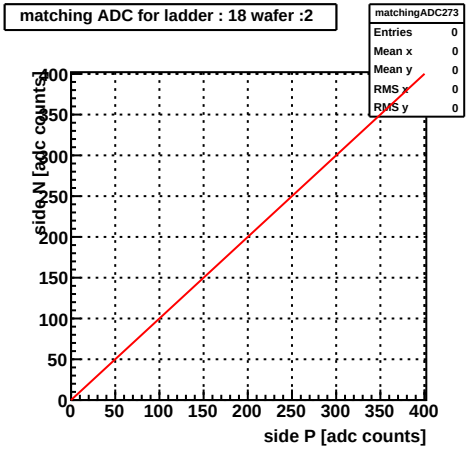

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

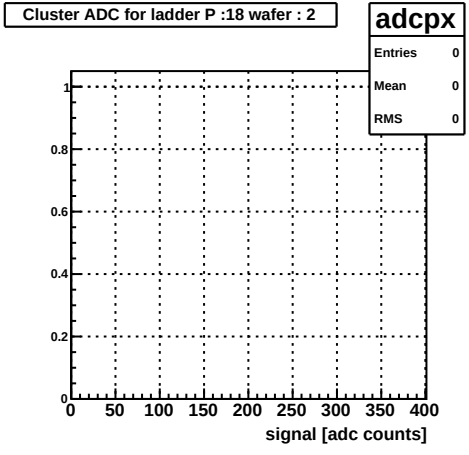

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 659
Mean 76.68
RMS 73.36
signal [adc counts]

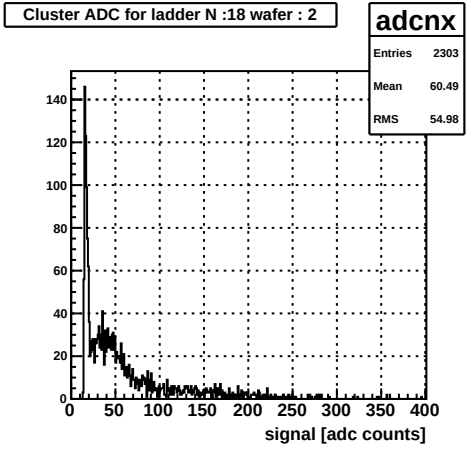

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3558
Mean 38.09
RMS 33.62
signal [adc counts]

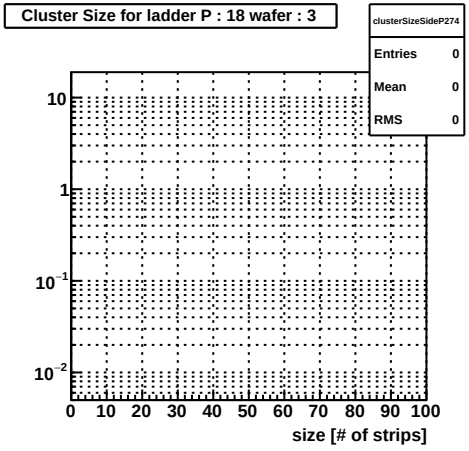

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

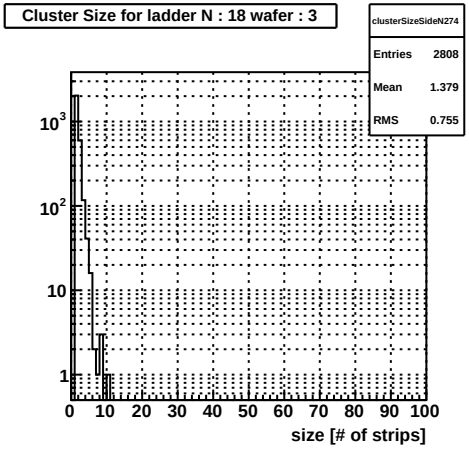

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2303
Mean 1.989
RMS 1.557
size [# of strips]

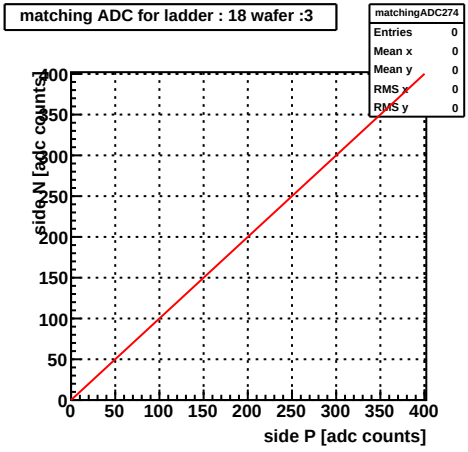

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

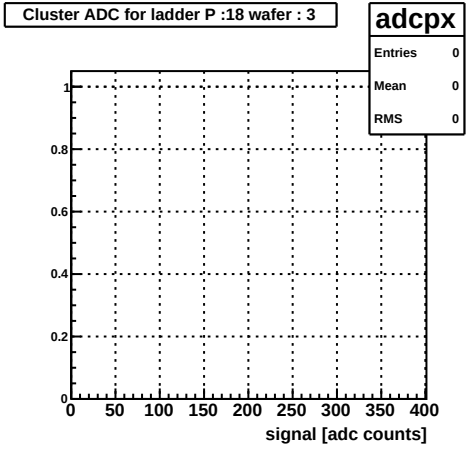

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

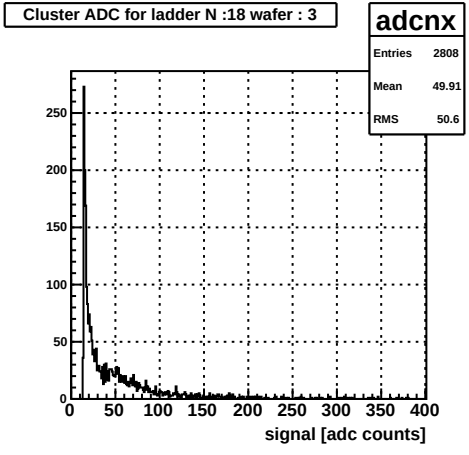

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2303
Mean 60.49
RMS 54.98
signal [adc counts]

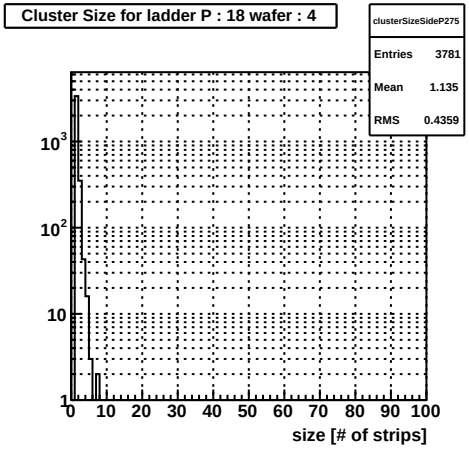

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

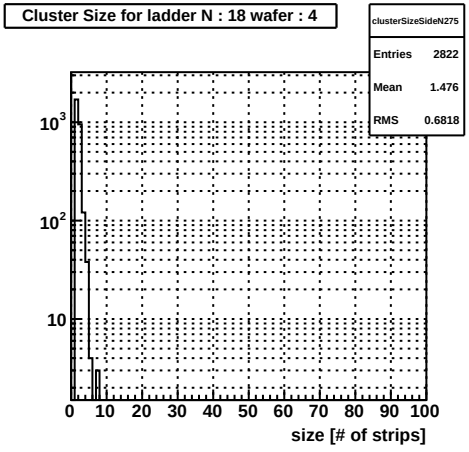

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2808
Mean 1.379
RMS 0.755
size [# of strips]

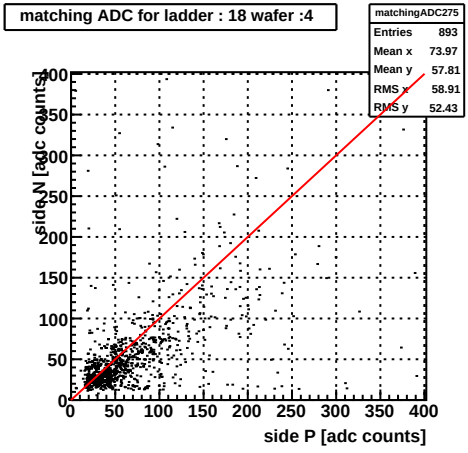

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

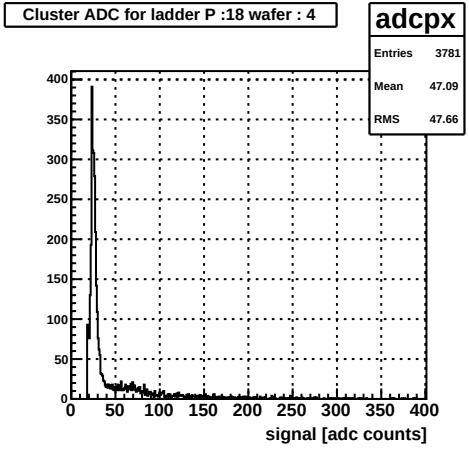

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

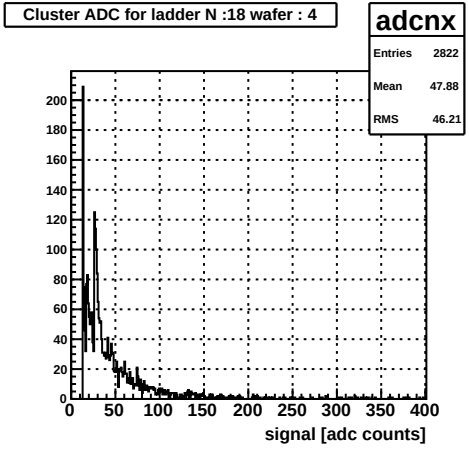

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2808
Mean 49.91
RMS 50.6
signal [adc counts]

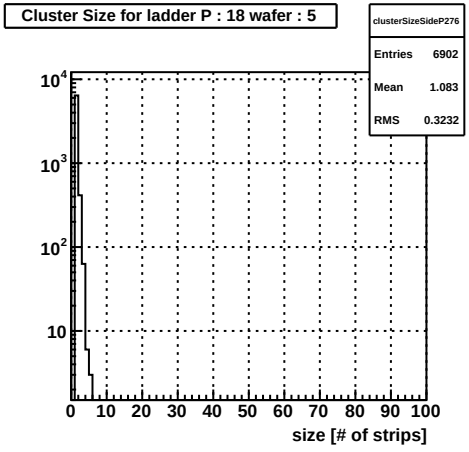

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3781
Mean 1.135
RMS 0.4359
size [# of strips]

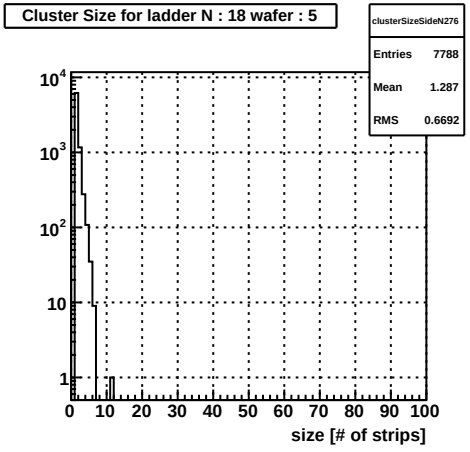

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2822
Mean 1.476
RMS 0.6818
size [# of strips]

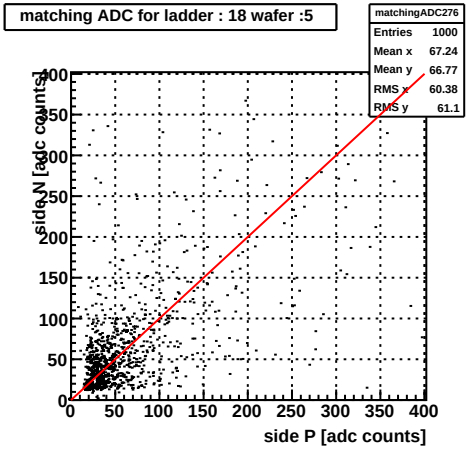

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 893
Mean x 73.97
Mean y 57.81
RMS x 58.91
RMS y 52.43
side N [adc counts]
side P [adc counts]

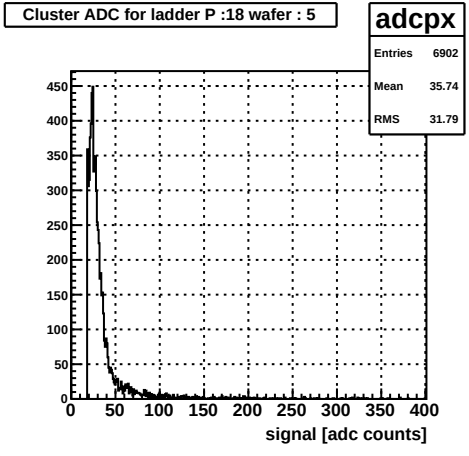

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3781
Mean 47.09
RMS 47.66
signal [adc counts]

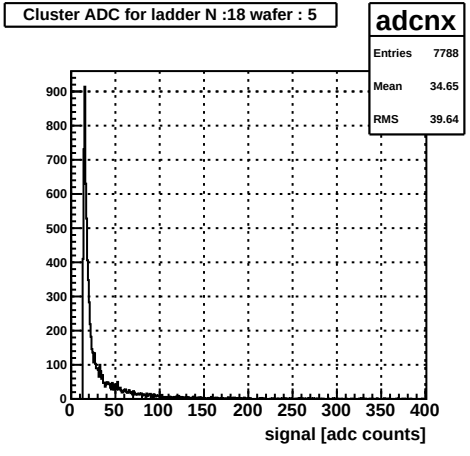

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2822
Mean 47.88
RMS 46.21
signal [adc counts]

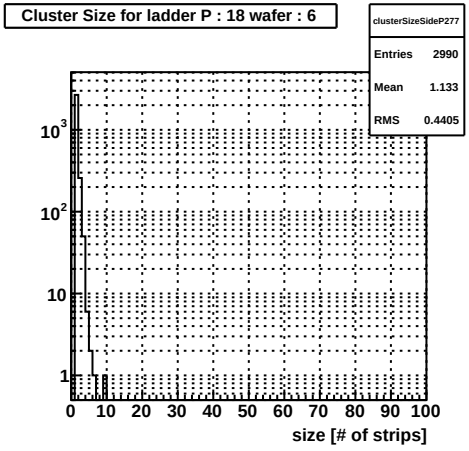

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6902
Mean 1.083
RMS 0.3232
size [# of strips]

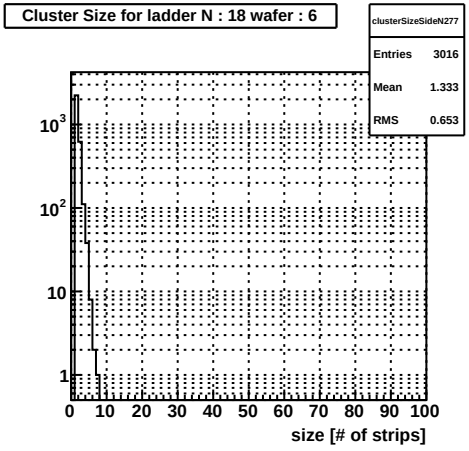

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7788
Mean 1.287
RMS 0.6692
size [# of strips]

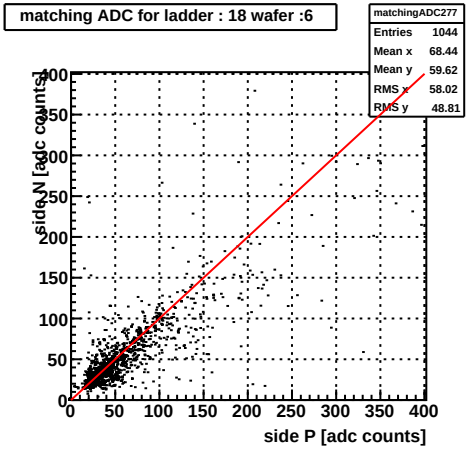

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1000
Mean x 67.24
Mean y 66.77
RMS x 60.38
RMS y 61.1
side N [adc counts]
side P [adc counts]

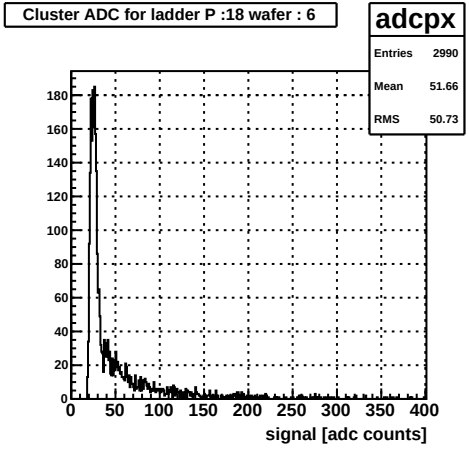

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6902
Mean 35.74
RMS 31.79
signal [adc counts]

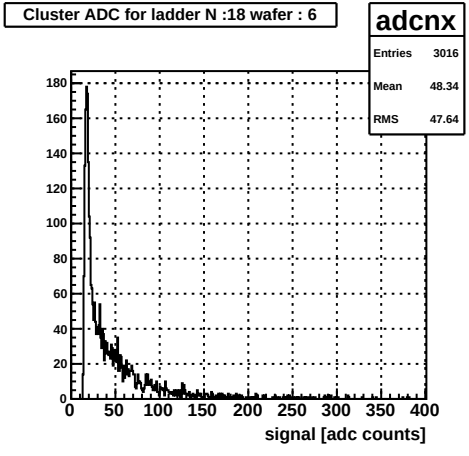

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7788
Mean 34.65
RMS 39.64
signal [adc counts]

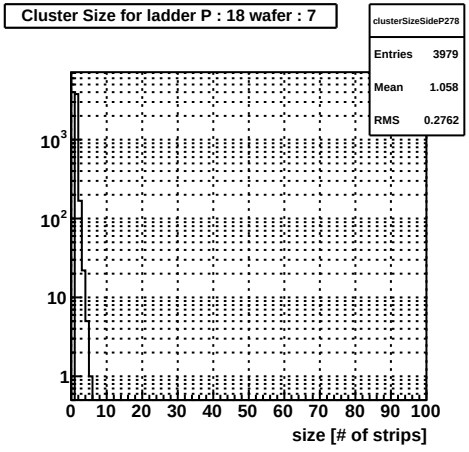

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2990
Mean 1.133
RMS 0.4405
size [# of strips]

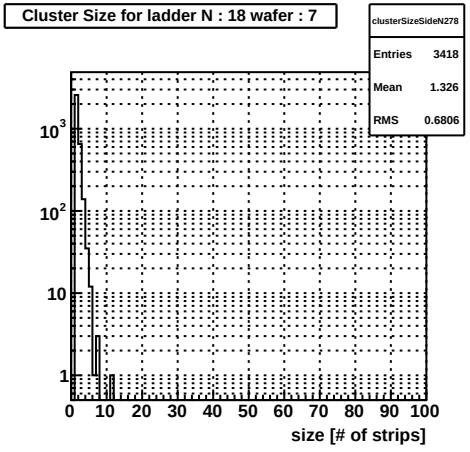

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3016
Mean 1.333
RMS 0.653
size [# of strips]

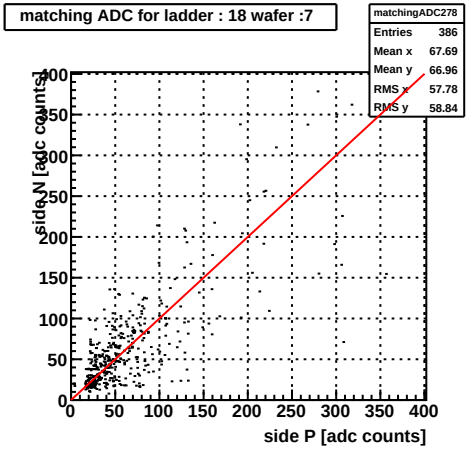

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1044
Mean x 68.44
Mean y 59.62
RMS x 58.02
RMS y 48.81
side N [adc counts]
side P [adc counts]

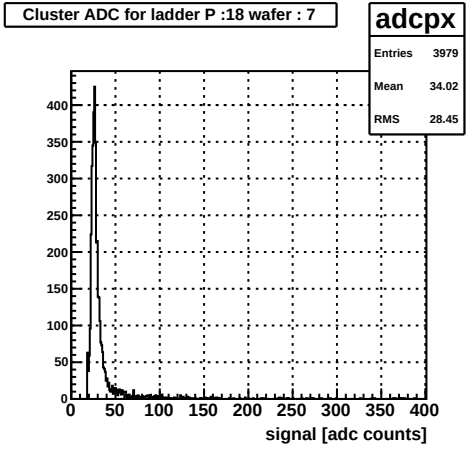

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2990
Mean 51.66
RMS 50.73
signal [adc counts]

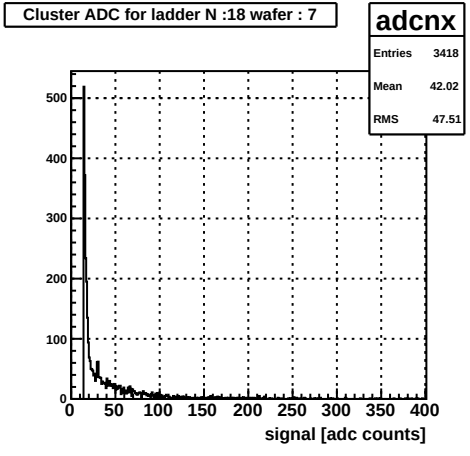

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3016
Mean 48.34
RMS 47.64
signal [adc counts]

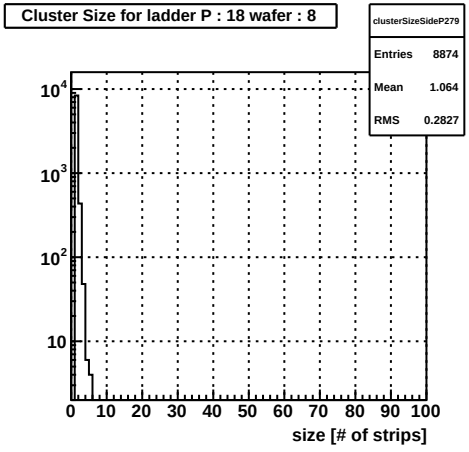

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3979
Mean 1.058
RMS 0.2762
size [# of strips]

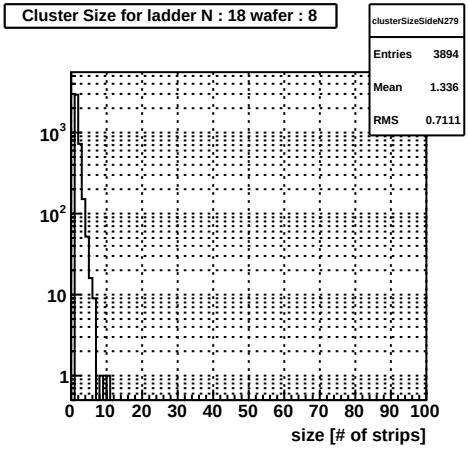

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3418
Mean 1.326
RMS 0.6806
size [# of strips]

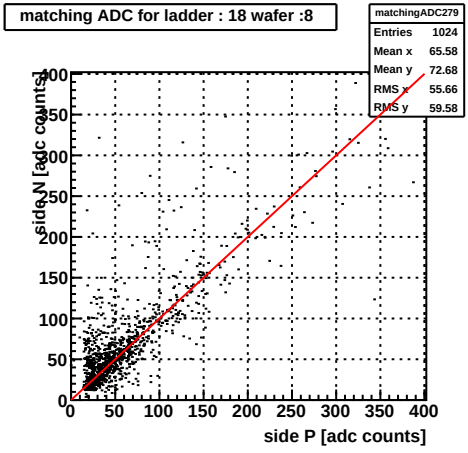

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 386
Mean x 67.69
Mean y 66.96
RMS x 57.78
RMS y 58.84
side N [adc counts]
side P [adc counts]

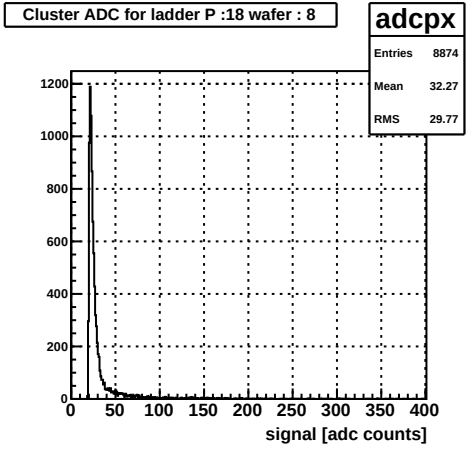

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3979
Mean 34.02
RMS 28.45
signal [adc counts]

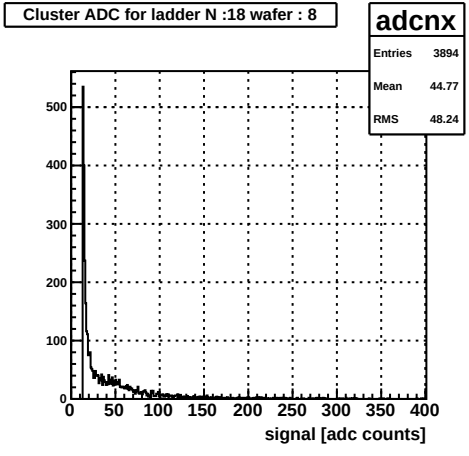

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3418
Mean 42.02
RMS 47.51
signal [adc counts]

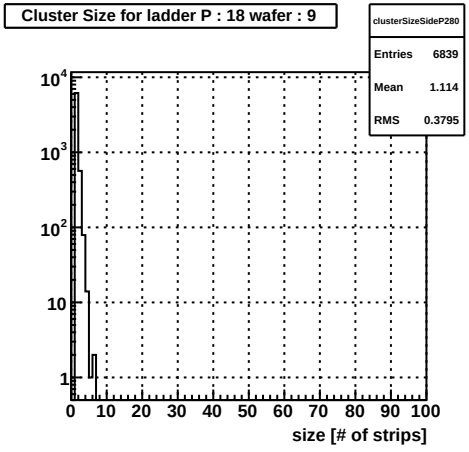

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8874
Mean 1.064
RMS 0.2827
size [# of strips]

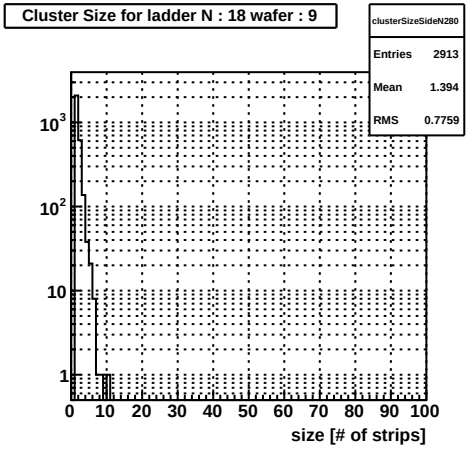

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3894
Mean 1.336
RMS 0.7111
size [# of strips]

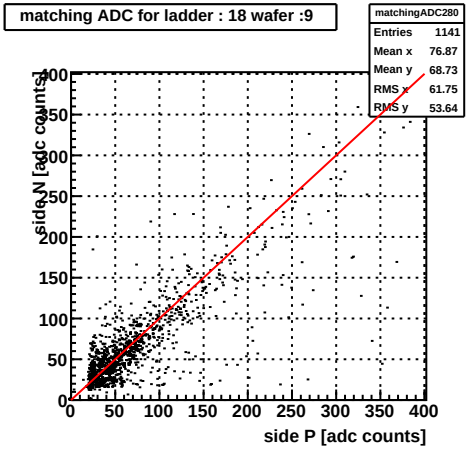

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 1024
Mean x 65.58
Mean y 72.68
RMS x 55.66
RMS y 59.58
side N [adc counts]
side P [adc counts]

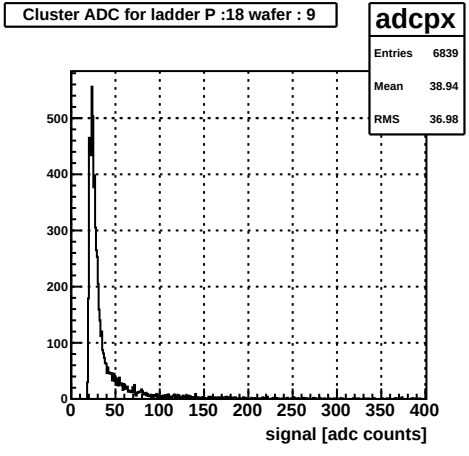

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8874
Mean 32.27
RMS 29.77
signal [adc counts]

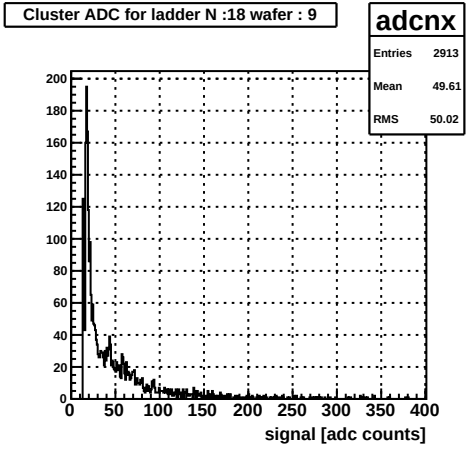

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3894
Mean 44.77
RMS 48.24
signal [adc counts]

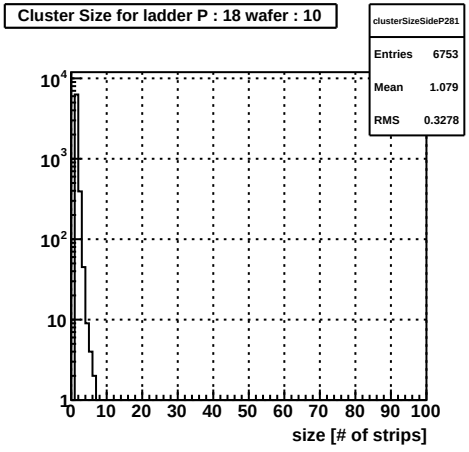

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6839
Mean 1.114
RMS 0.3795
size [# of strips]

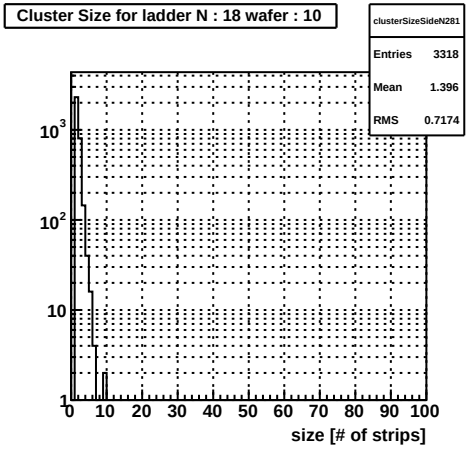

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2913
Mean 1.394
RMS 0.7759
size [# of strips]

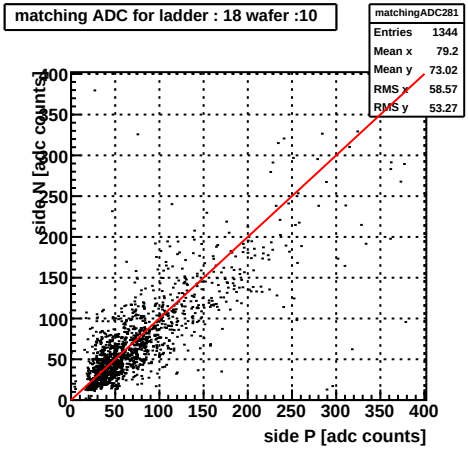

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1141
Mean x 76.87
Mean y 68.73
RMS x 61.75
RMS y 53.64
side N [adc counts]
side P [adc counts]

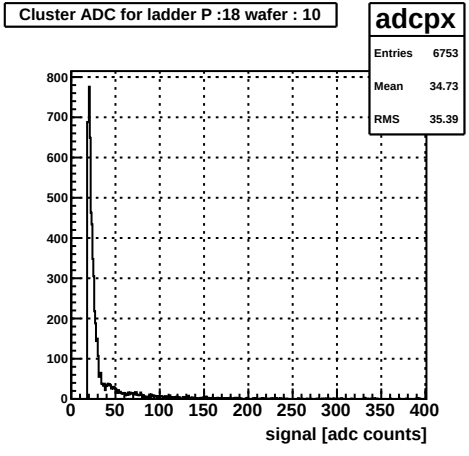

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6839
Mean 38.94
RMS 36.98
signal [adc counts]

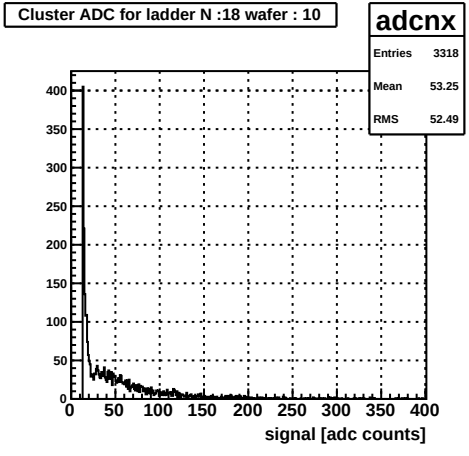

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2913
Mean 49.61
RMS 50.02
signal [adc counts]

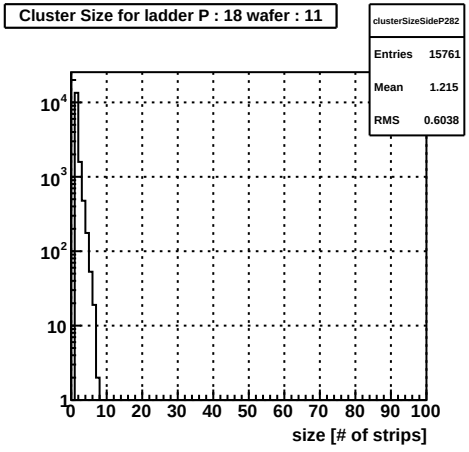

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6753
Mean 1.079
RMS 0.3278
size [# of strips]

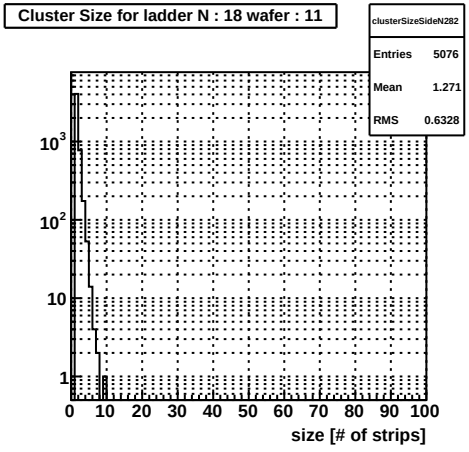

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3318
Mean 1.396
RMS 0.7174
size [# of strips]

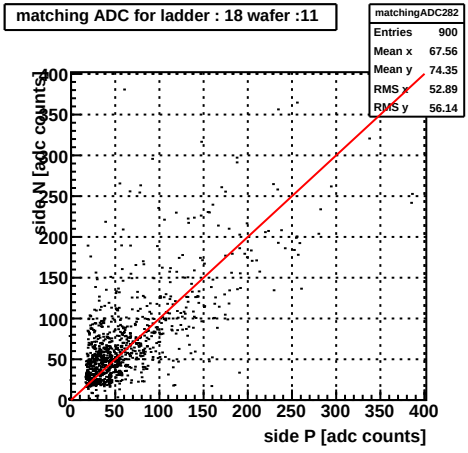

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1344
Mean x 79.2
Mean y 73.02
RMS x 58.57
RMS y 53.27
side N [adc counts]
side P [adc counts]

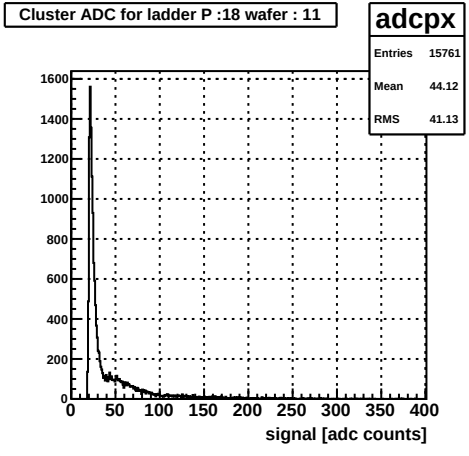

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6753
Mean 34.73
RMS 35.39
signal [adc counts]

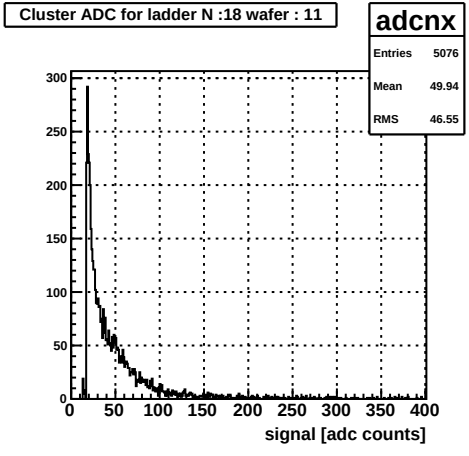

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3318
Mean 53.25
RMS 52.49
signal [adc counts]

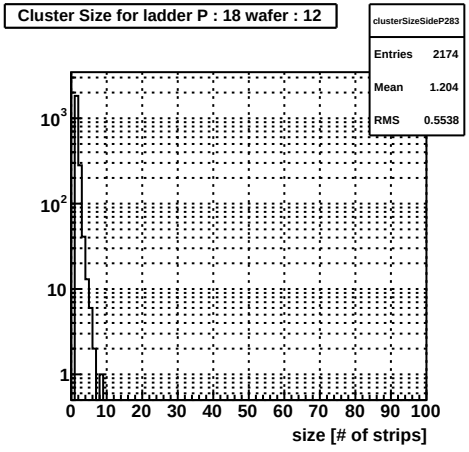

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 15761
Mean 1.215
RMS 0.6038
size [# of strips]

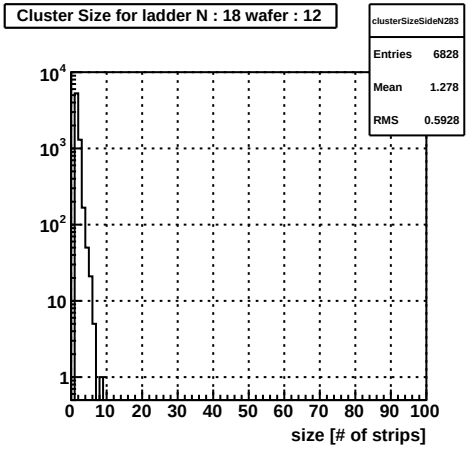

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 5076
Mean 1.271
RMS 0.6328
size [# of strips]

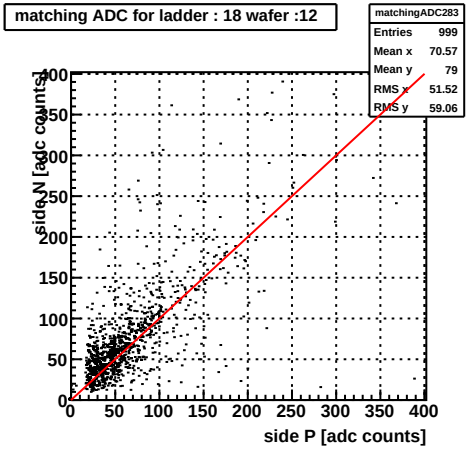

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 900
Mean x 67.56
Mean y 74.35
RMS x 52.89
RMS y 56.14
side N [adc counts]
side P [adc counts]

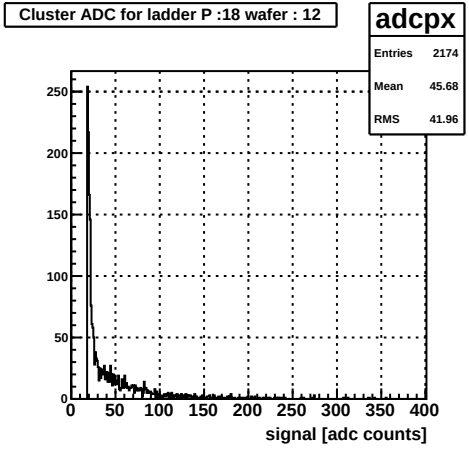

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 15761
Mean 44.12
RMS 41.13
signal [adc counts]

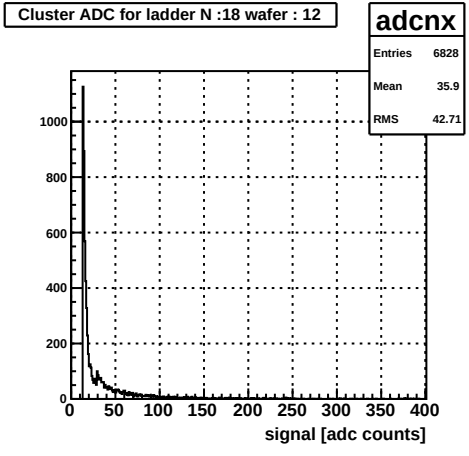

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 5076
Mean 49.94
RMS 46.55
signal [adc counts]

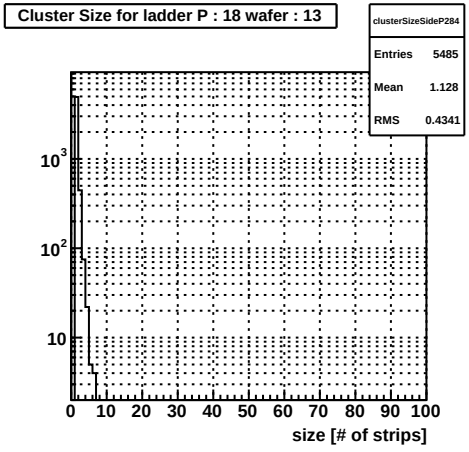

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2174
Mean 1.204
RMS 0.5538
size [# of strips]

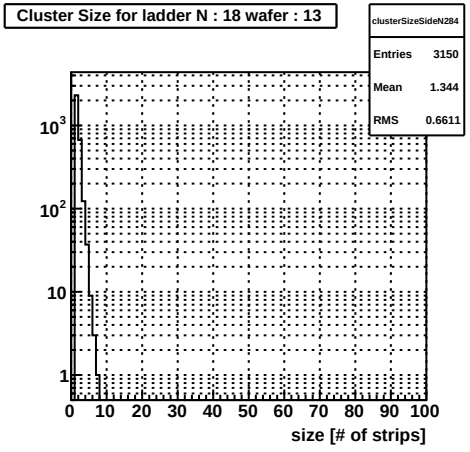

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6828
Mean 1.278
RMS 0.5928
size [# of strips]

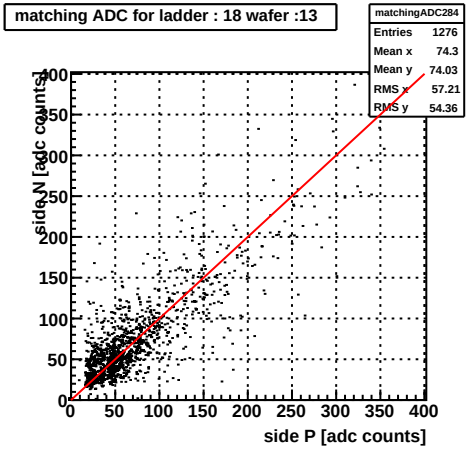

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 999
Mean x 70.57
Mean y 79
RMS x 51.52
RMS y 59.06
side N [adc counts]
side P [adc counts]

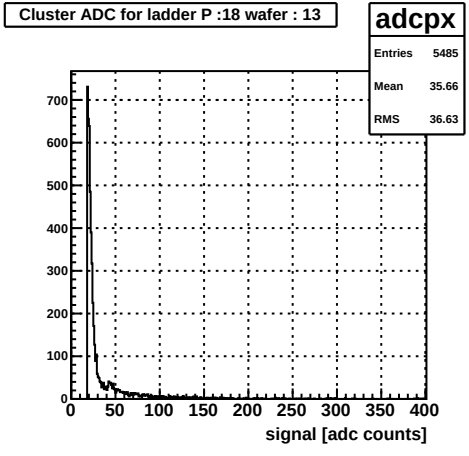

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2174
Mean 45.68
RMS 41.96
signal [adc counts]

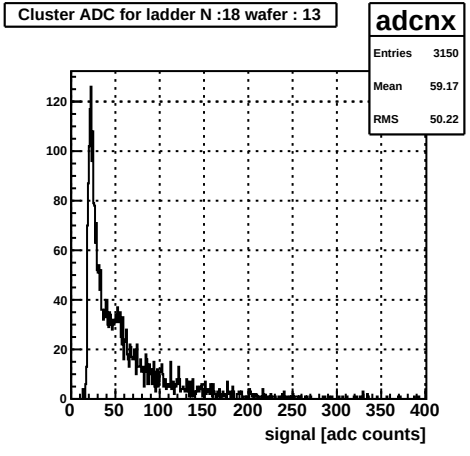

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6828
Mean 35.9
RMS 42.71
signal [adc counts]

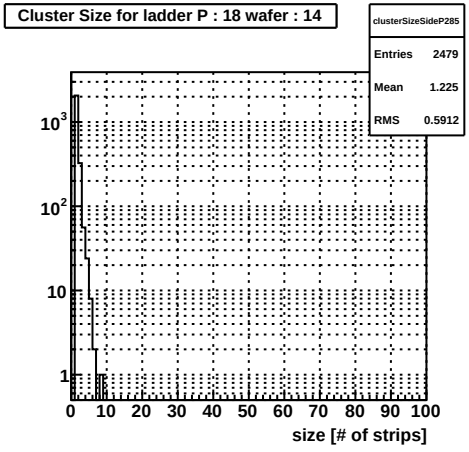

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5485
Mean 1.128
RMS 0.4341
size [# of strips]

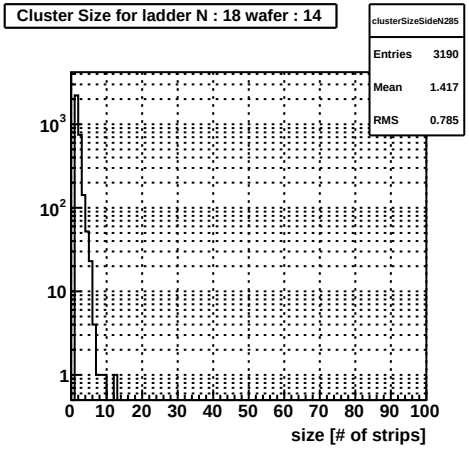

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3150
Mean 1.344
RMS 0.6611
size [# of strips]

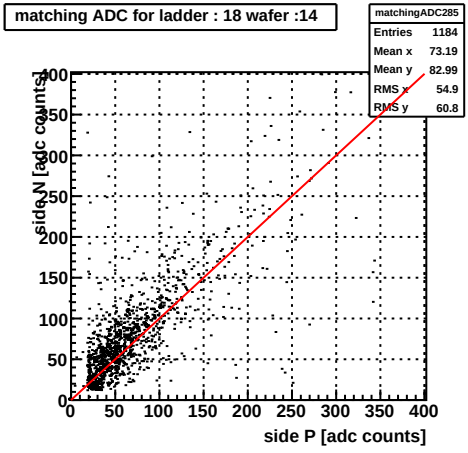

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1276
Mean x 74.3
Mean y 74.03
RMS x 57.21
RMS y 54.36
side N [adc counts]
side P [adc counts]

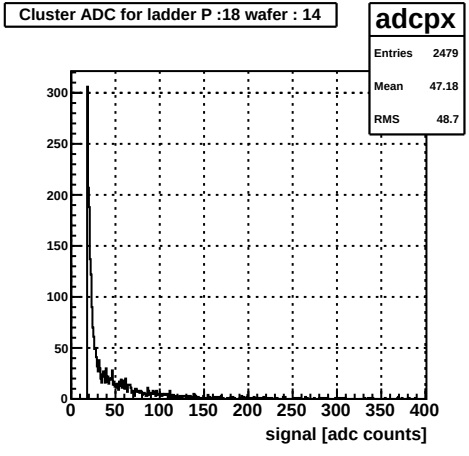

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5485
Mean 35.66
RMS 36.63
signal [adc counts]

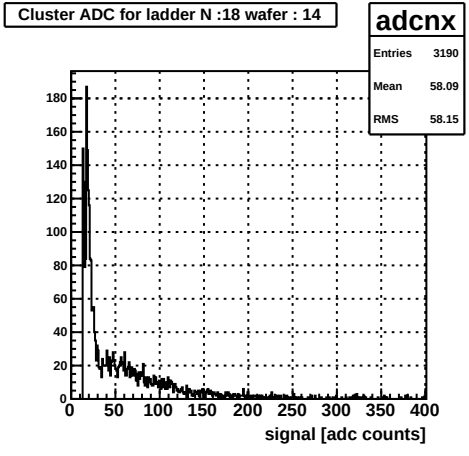

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3150
Mean 59.17
RMS 50.22
signal [adc counts]

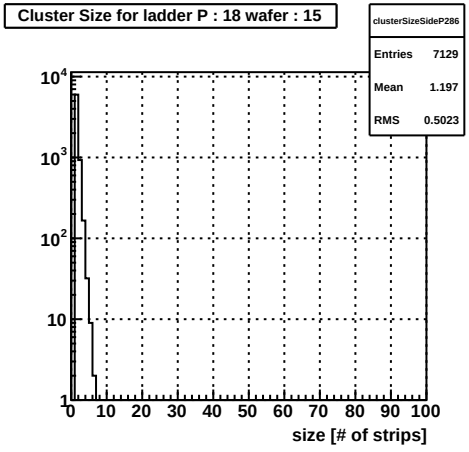

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2479
Mean 1.225
RMS 0.5912
size [# of strips]

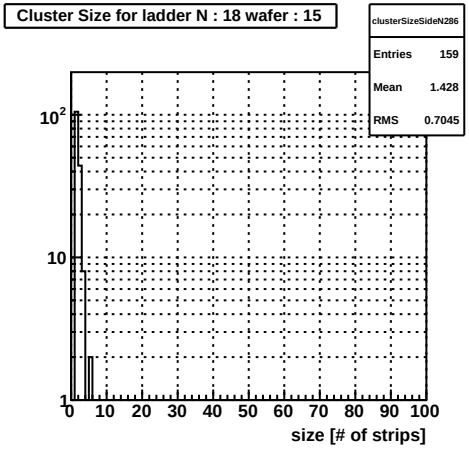

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3190
Mean 1.417
RMS 0.785
size [# of strips]

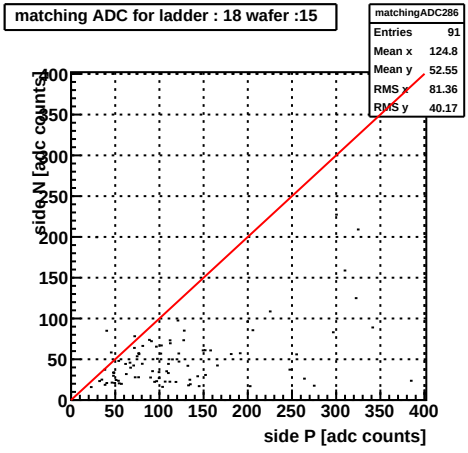

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1184
Mean x 73.19
Mean y 82.99
RMS x 54.9
RMS y 60.8
side N [adc counts]
side P [adc counts]

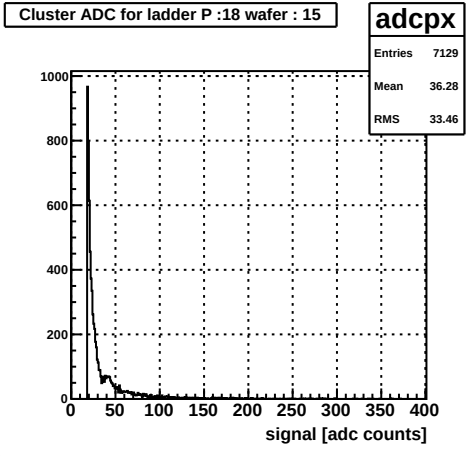

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2479
Mean 47.18
RMS 48.7
signal [adc counts]

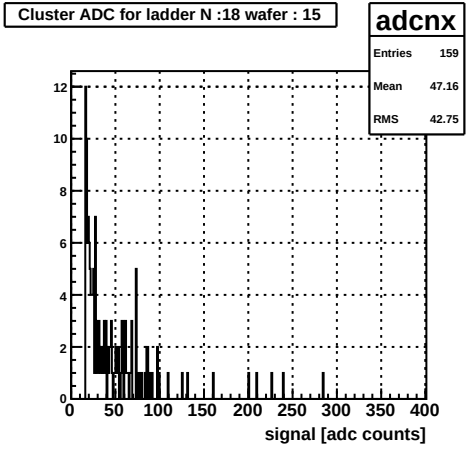

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3190
Mean 58.09
RMS 58.15
signal [adc counts]

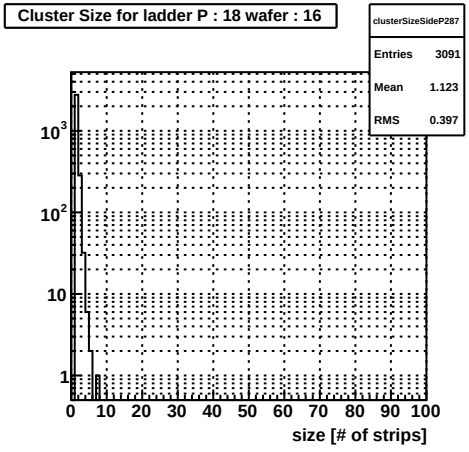

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7129
Mean 1.197
RMS 0.5023
size [# of strips]

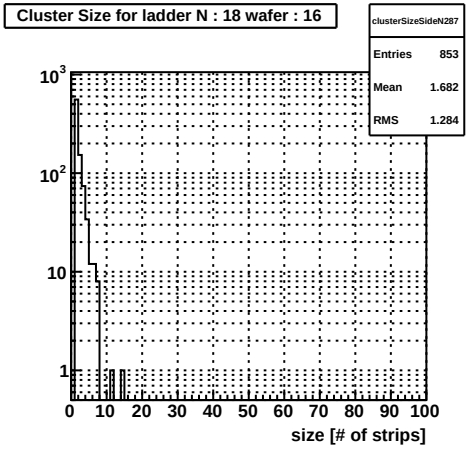

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 159
Mean 1.428
RMS 0.7045
size [# of strips]

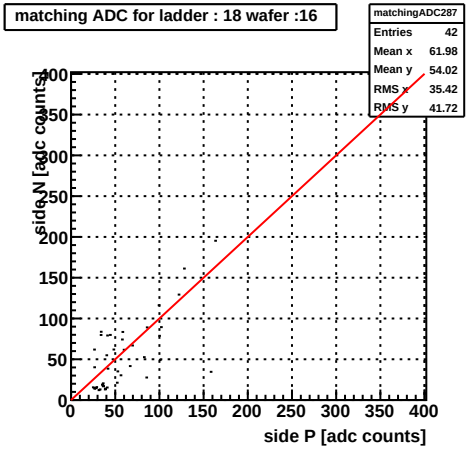

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 91
Mean x 124.8
Mean y 52.55
RMS x 81.36
RMS y 40.17
side N [adc counts]
side P [adc counts]

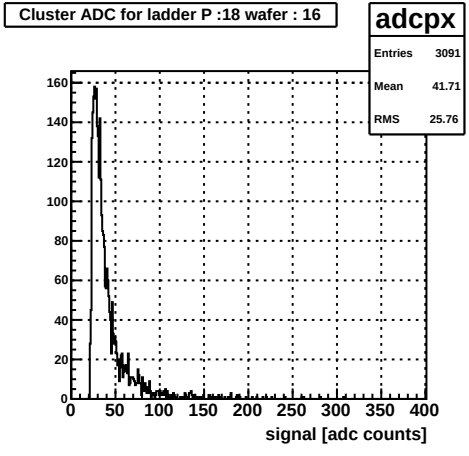

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7129
Mean 36.28
RMS 33.46
signal [adc counts]

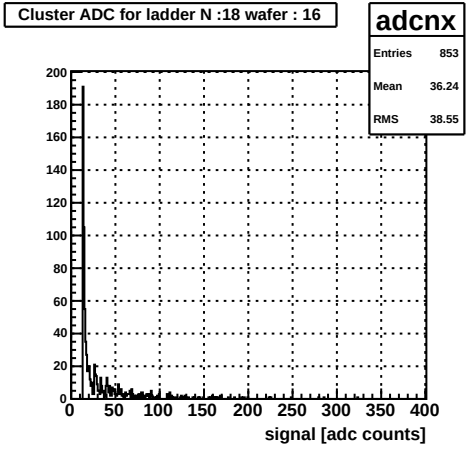

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 159
Mean 47.16
RMS 42.75
signal [adc counts]

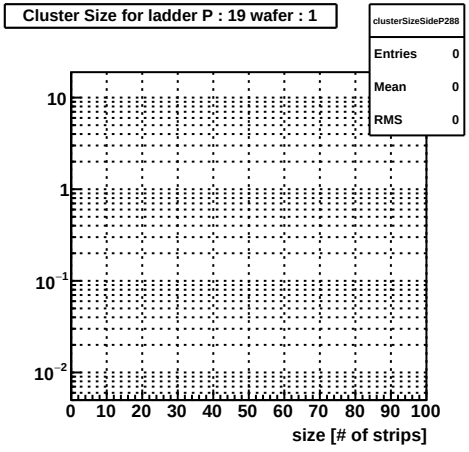

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3091
Mean 1.123
RMS 0.397
size [# of strips]

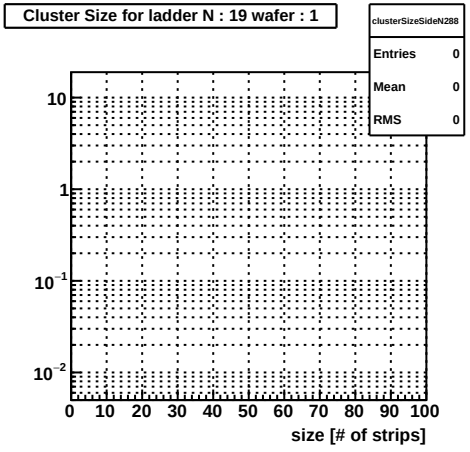

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 853
Mean 1.682
RMS 1.284
size [# of strips]

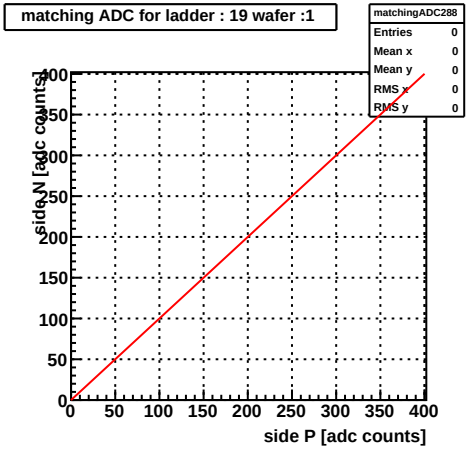

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 42
Mean x 61.98
Mean y 54.02
RMS x 35.42
RMS y 41.72
side N [adc counts]
side P [adc counts]

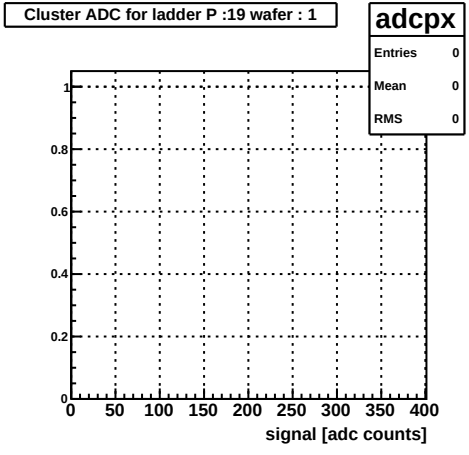

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3091
Mean 41.71
RMS 25.76
signal [adc counts]

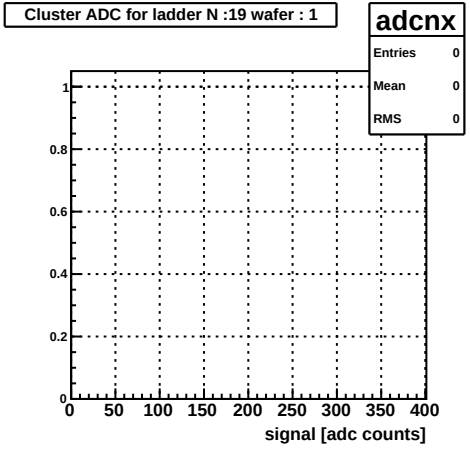

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 853
Mean 36.24
RMS 38.55
signal [adc counts]

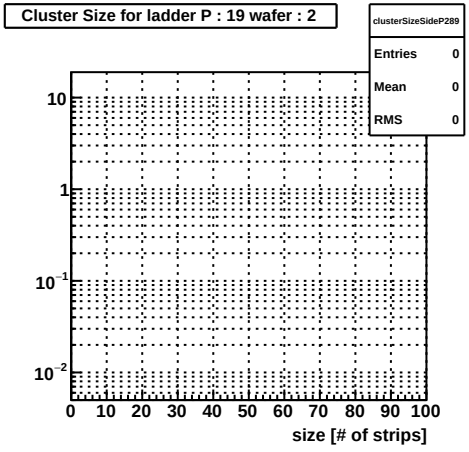

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

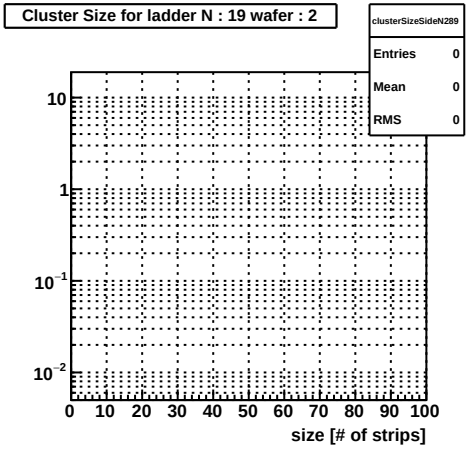

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

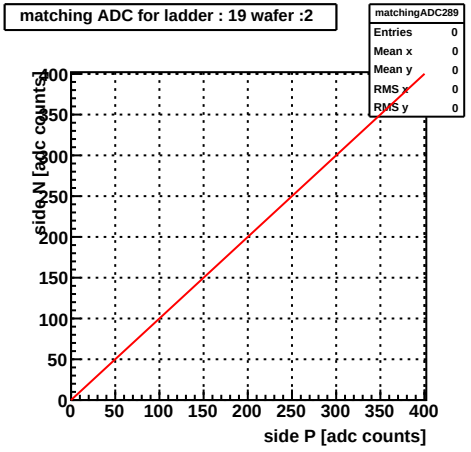

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

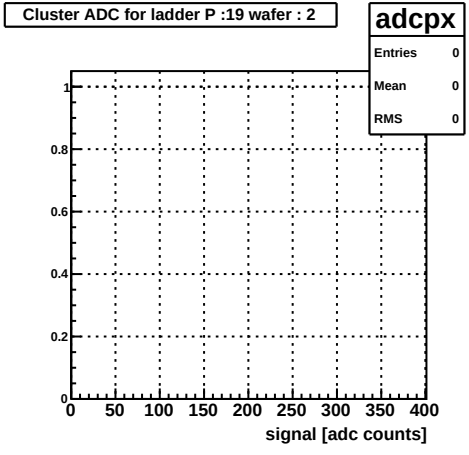

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

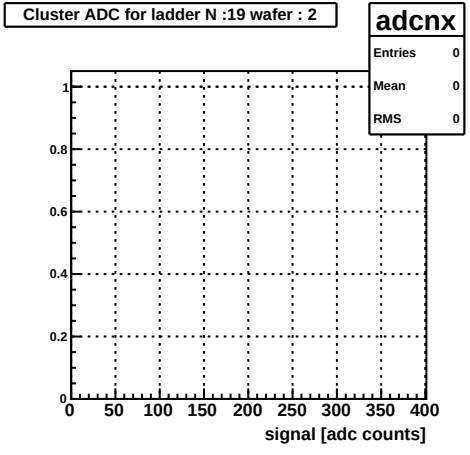

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

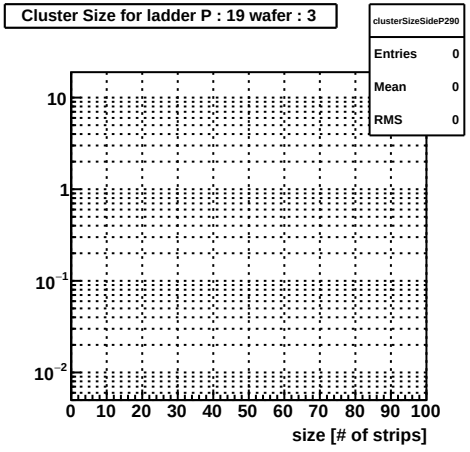

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

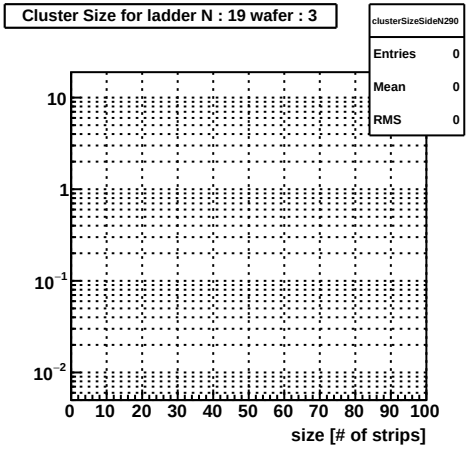

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

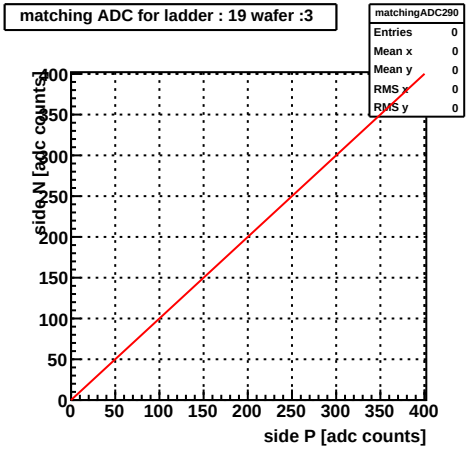

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

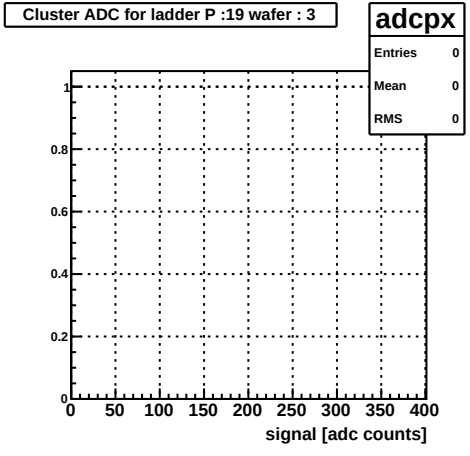

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

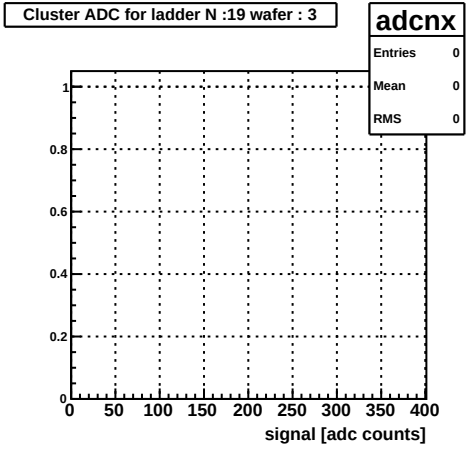

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

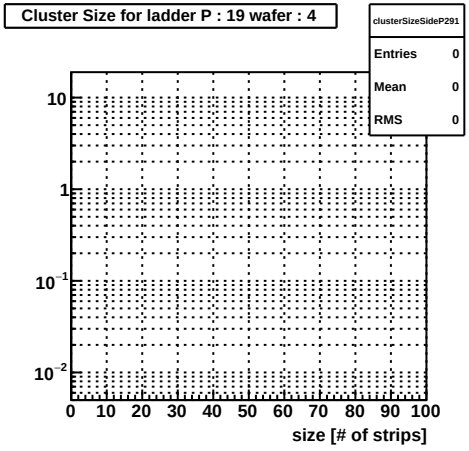

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

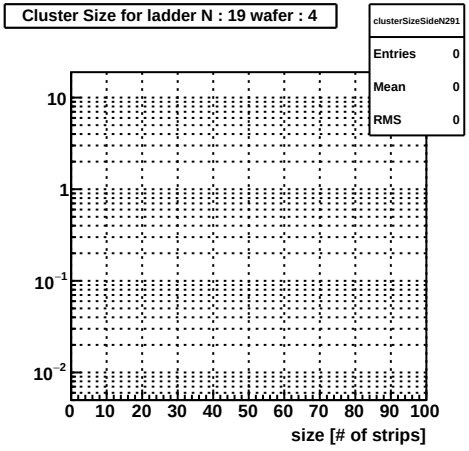

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

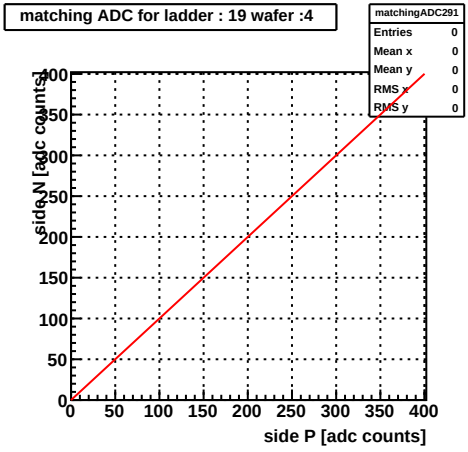

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

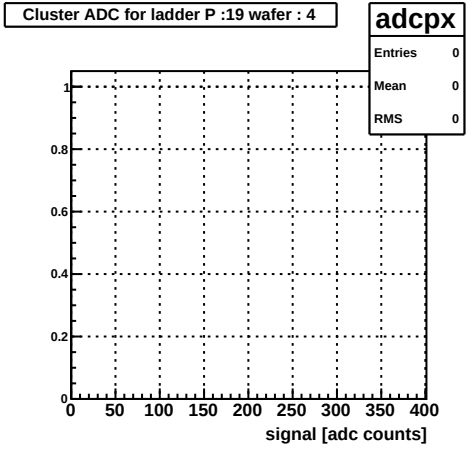

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

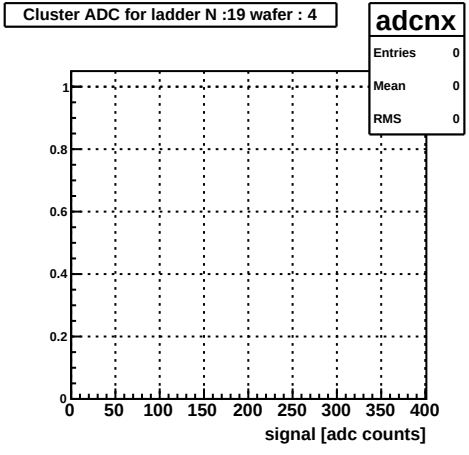

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

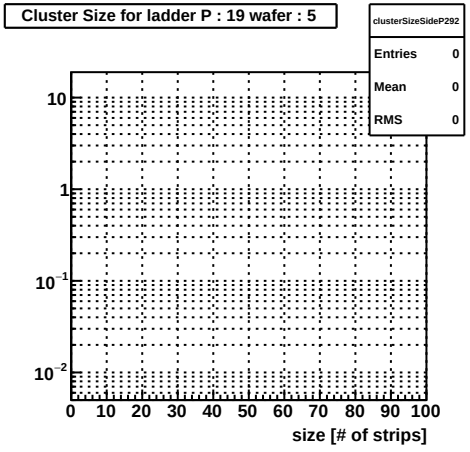

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

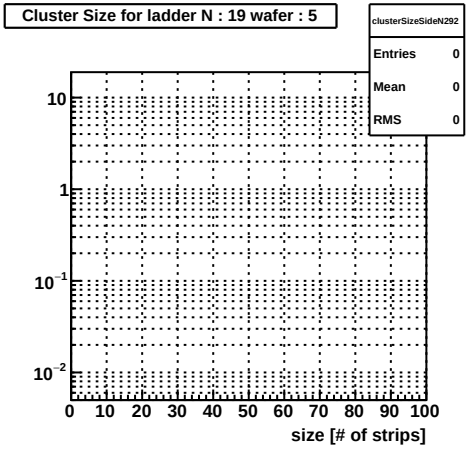

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

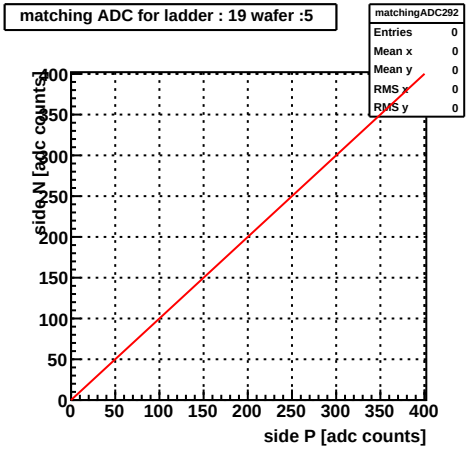

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

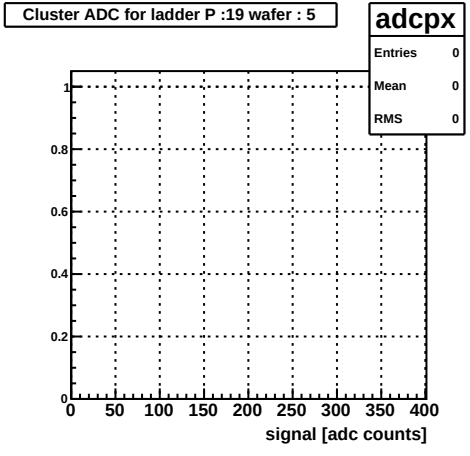

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

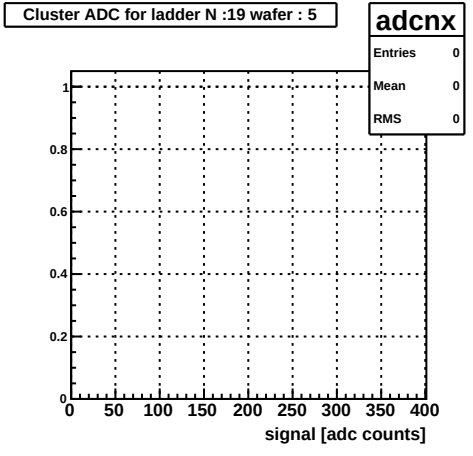

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

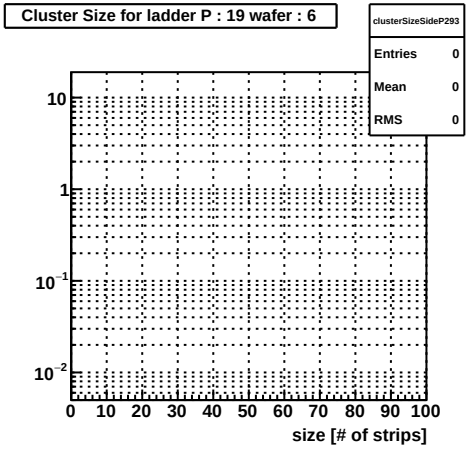

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

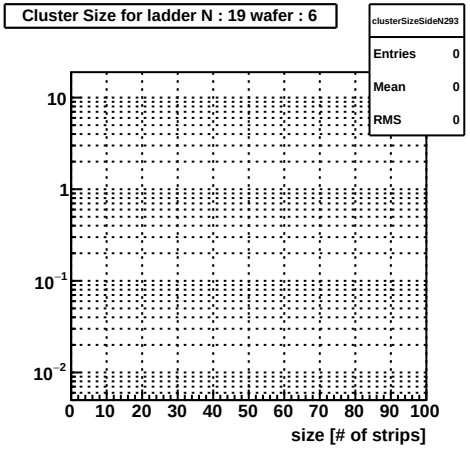

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

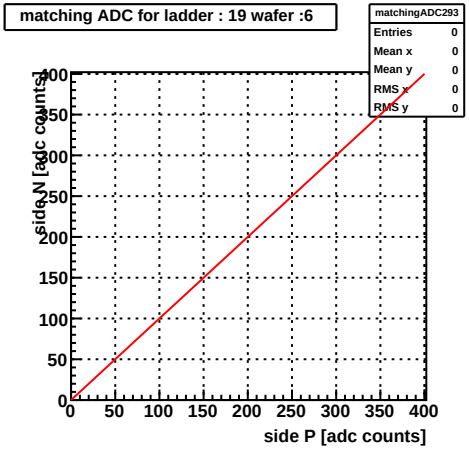

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

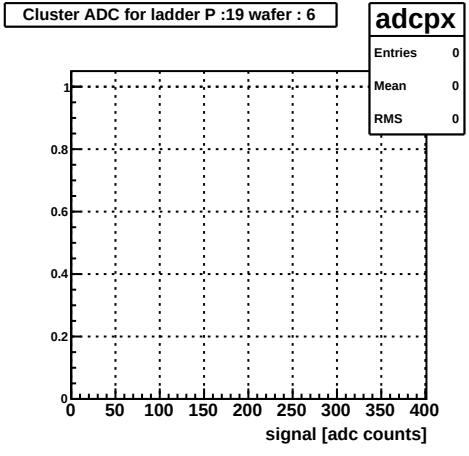

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

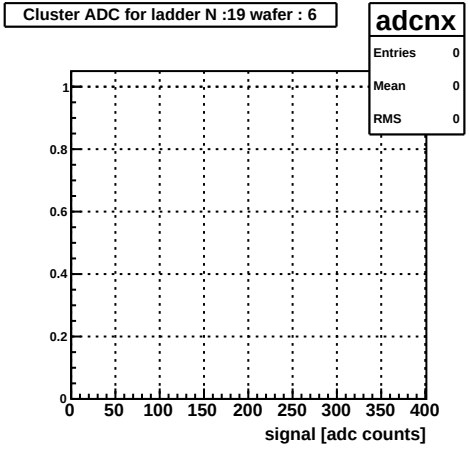

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

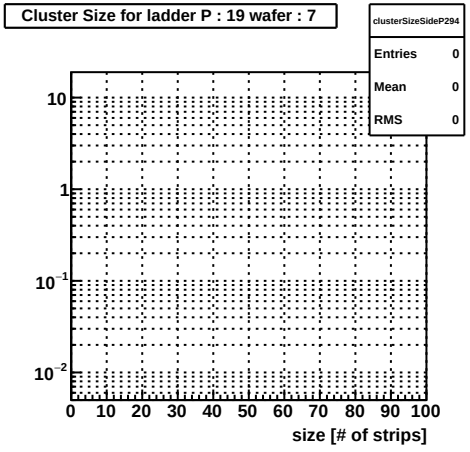

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

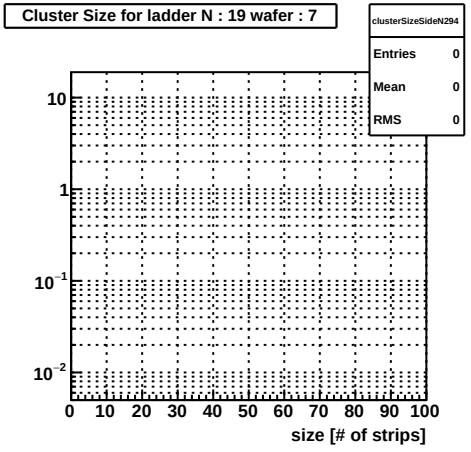

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

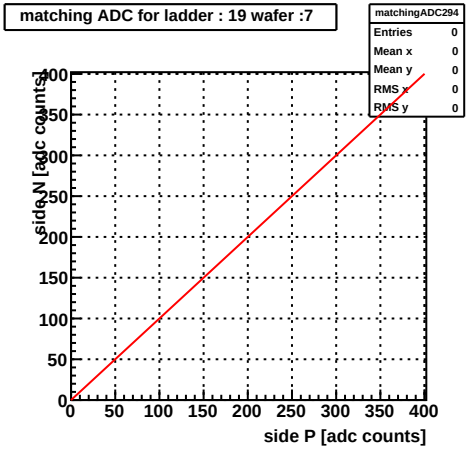

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

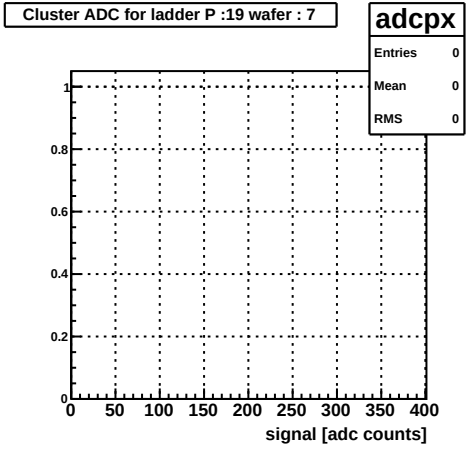

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

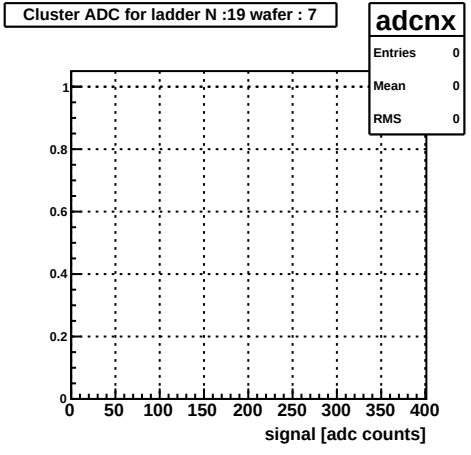

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

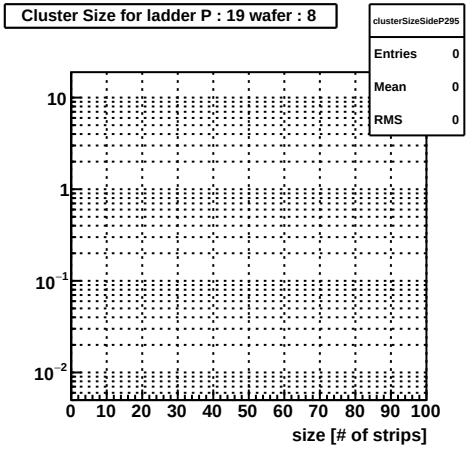

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

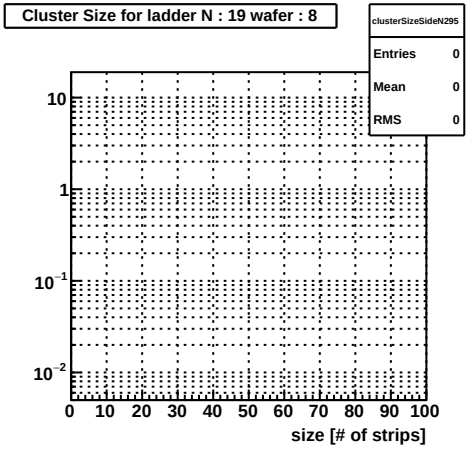

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

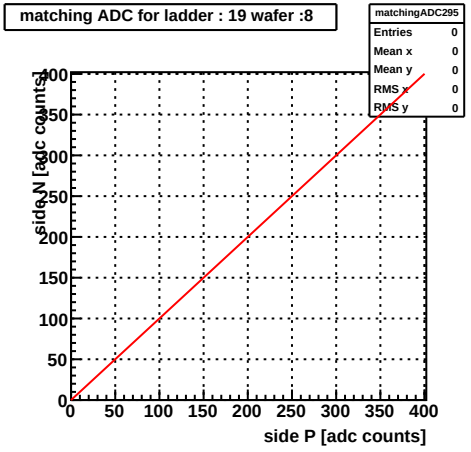

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

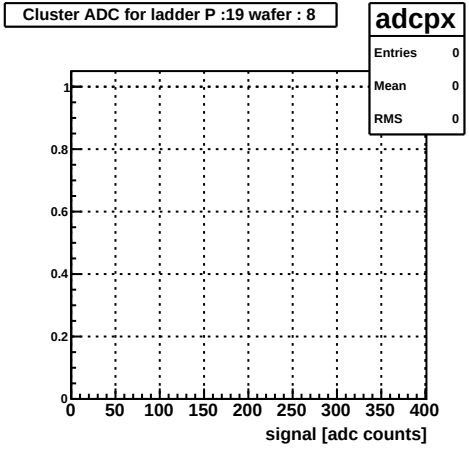

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

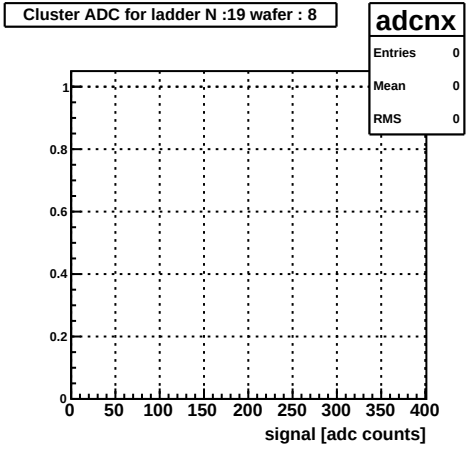

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

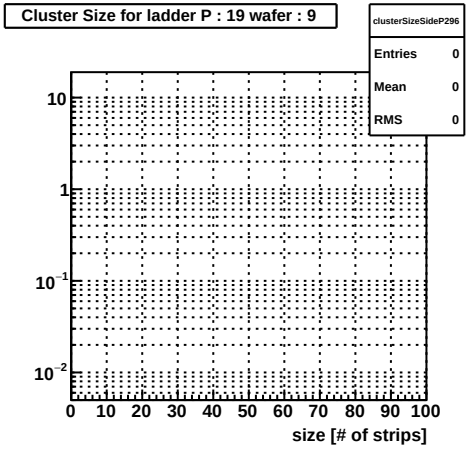

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

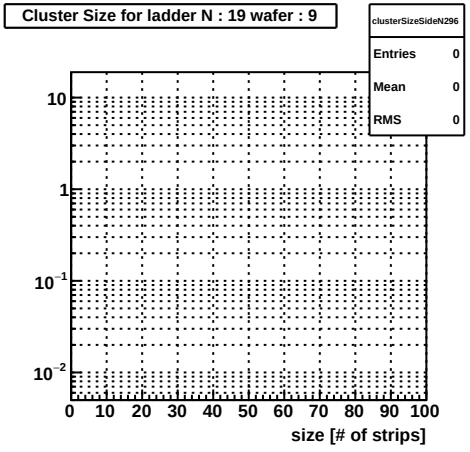

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

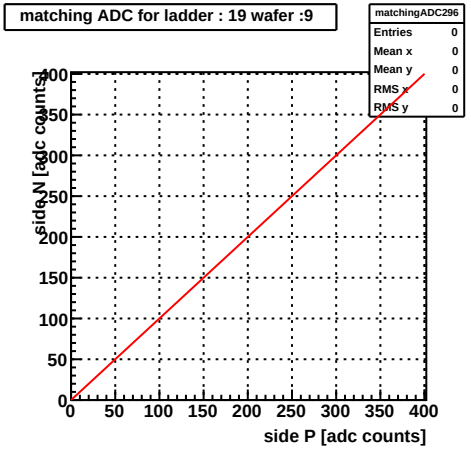

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

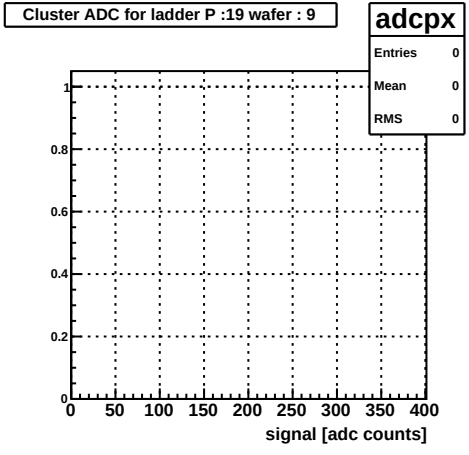

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

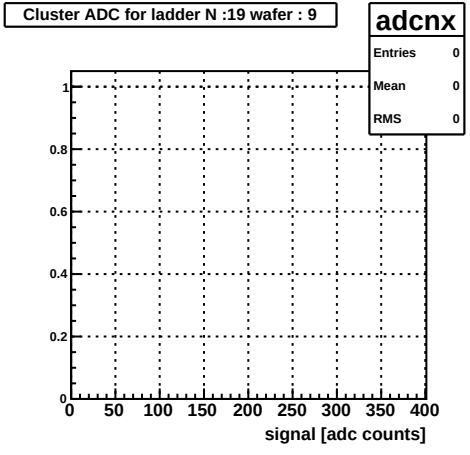

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

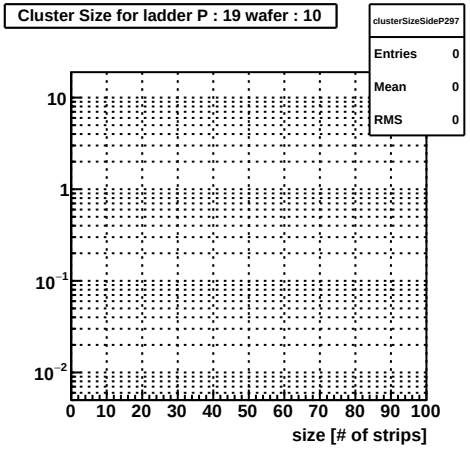

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

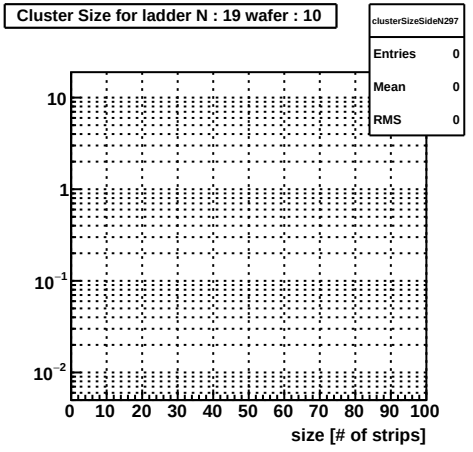

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

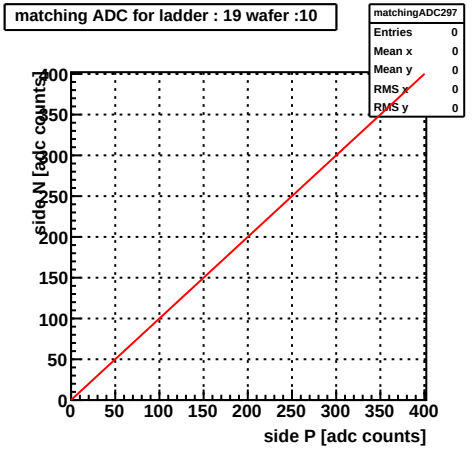

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

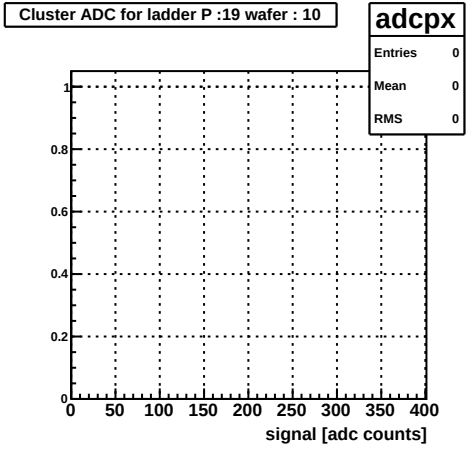

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

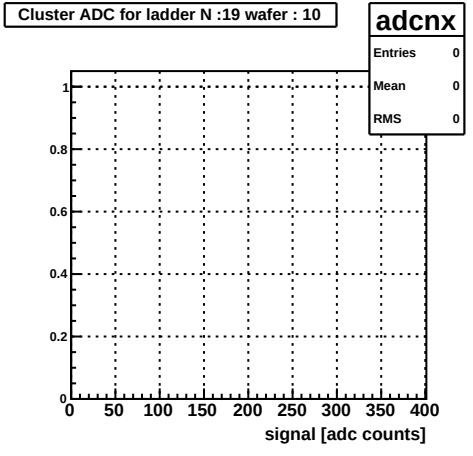

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

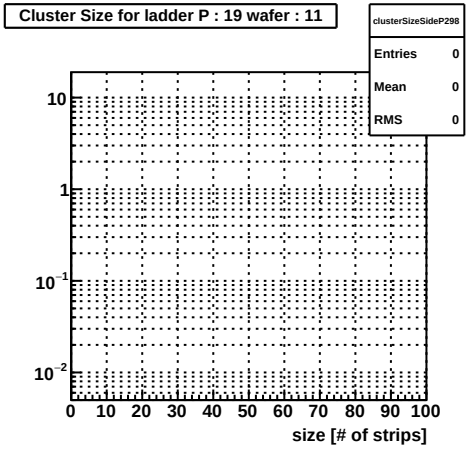

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

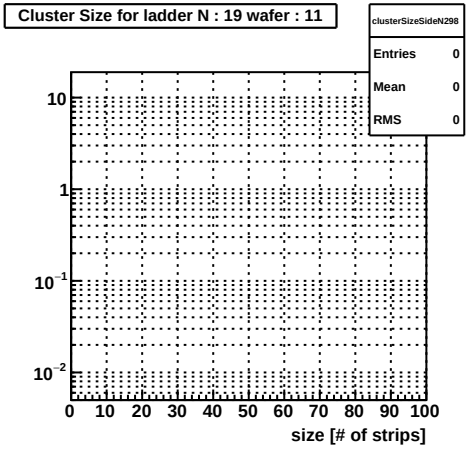

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

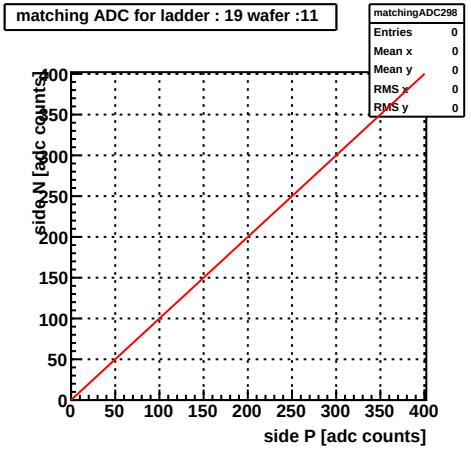

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

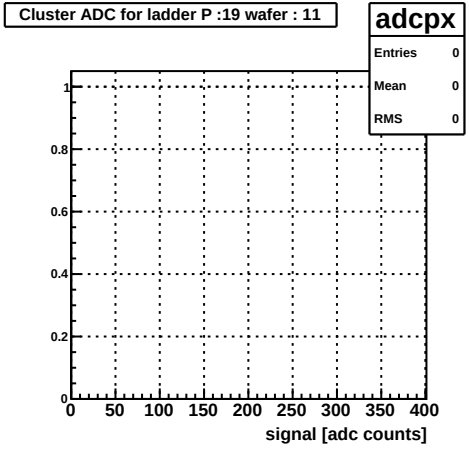

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

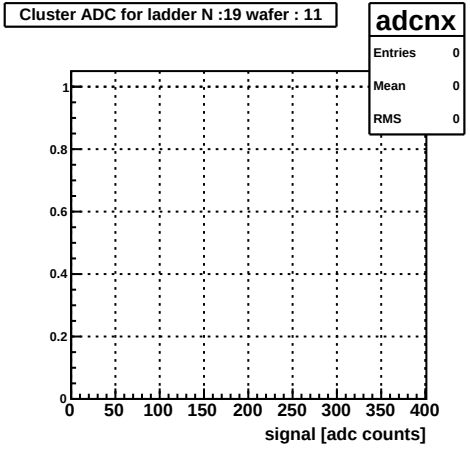

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

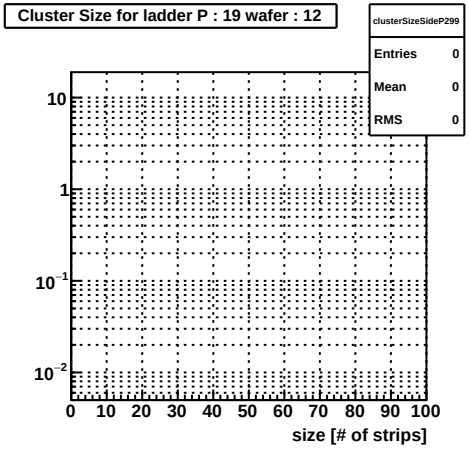

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

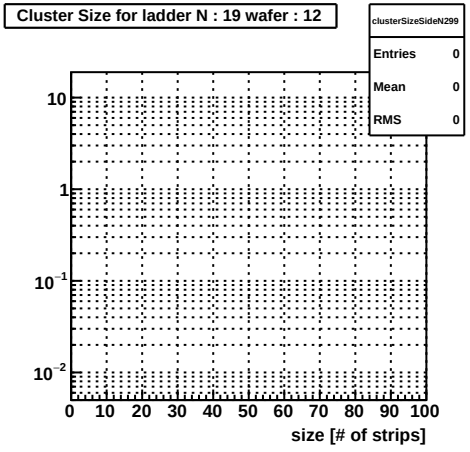

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

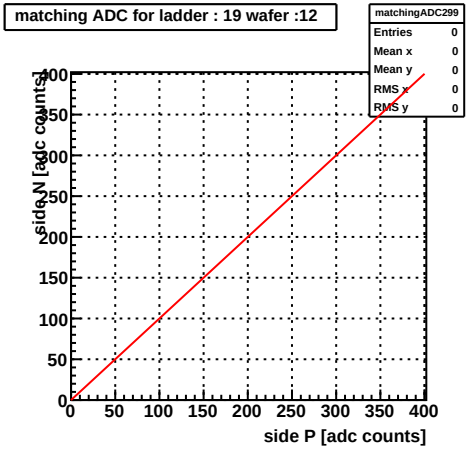

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

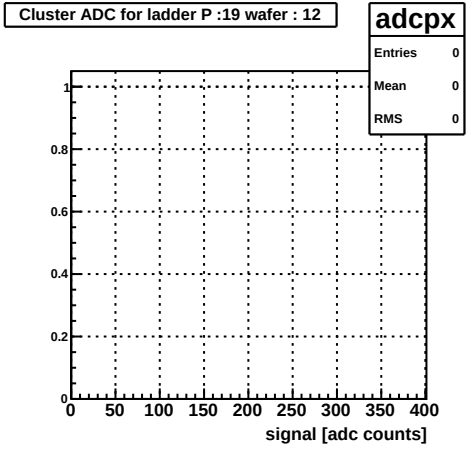

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

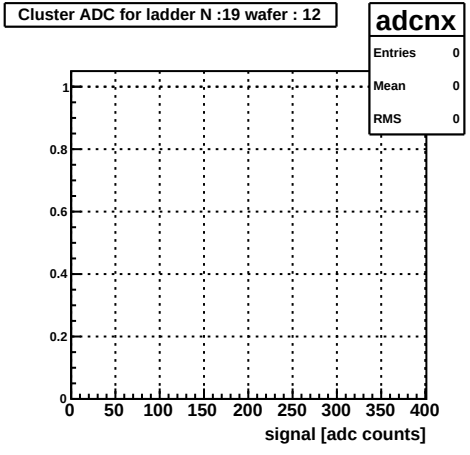

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

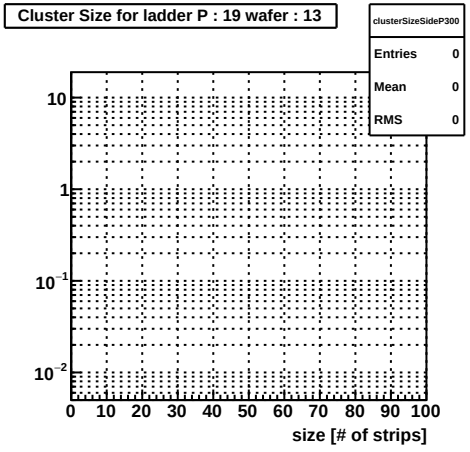

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

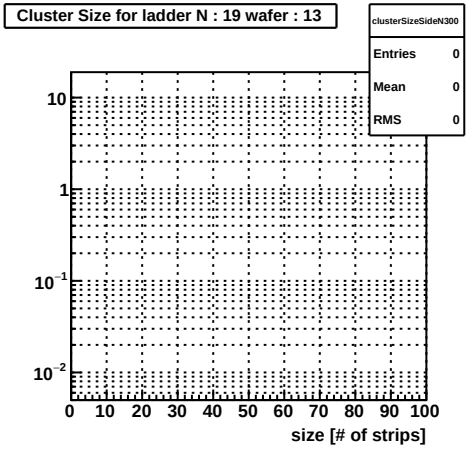

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

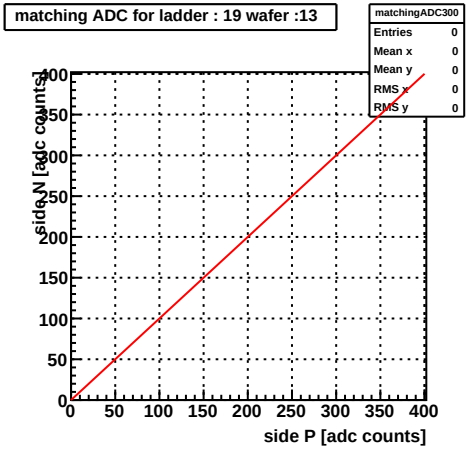

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

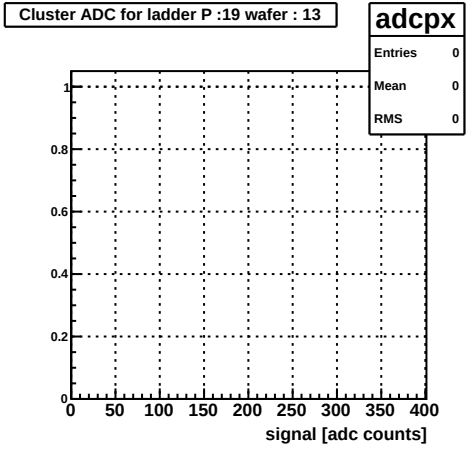

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

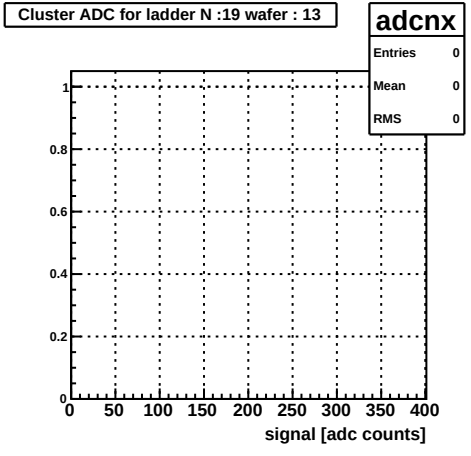

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

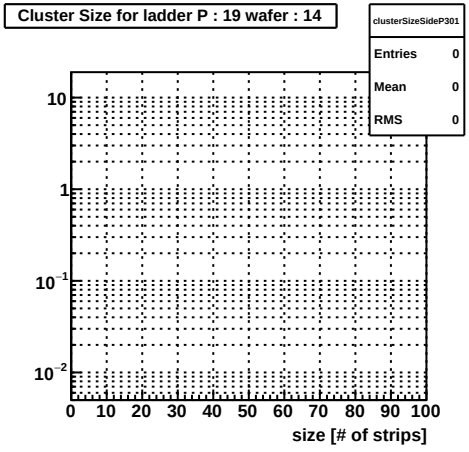

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

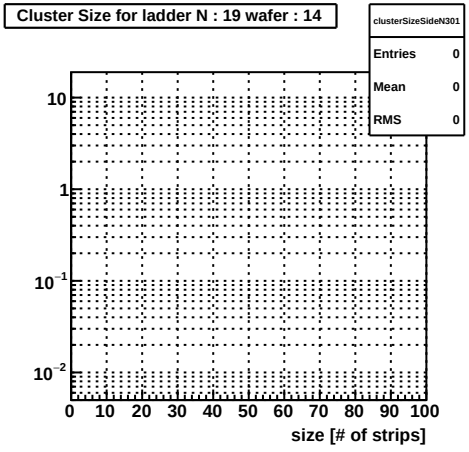

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

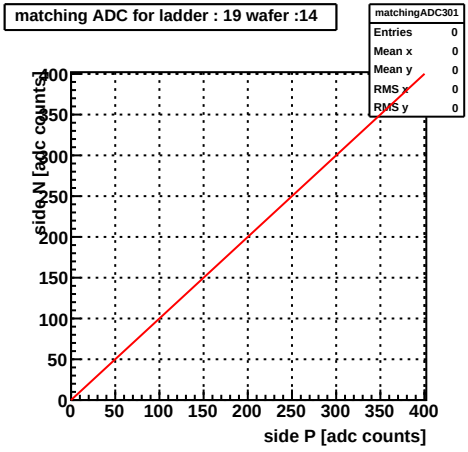

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

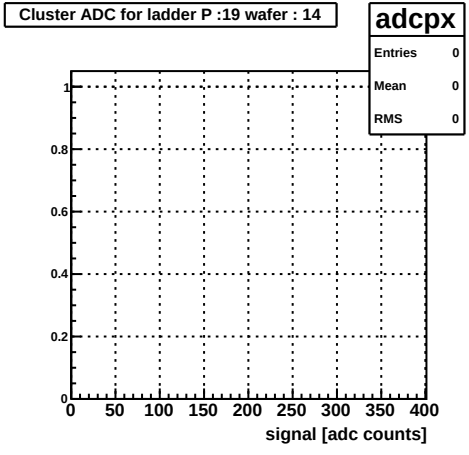

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

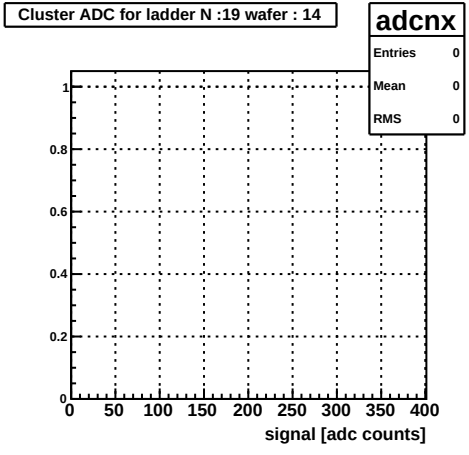

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

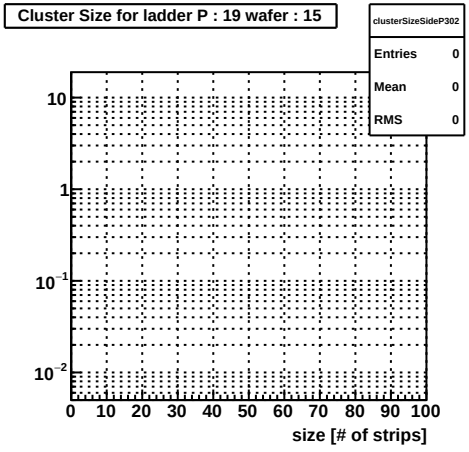

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

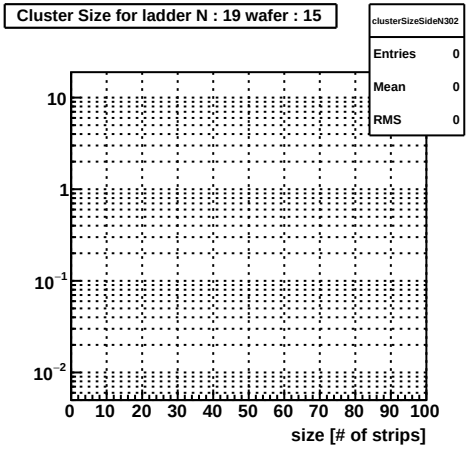

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

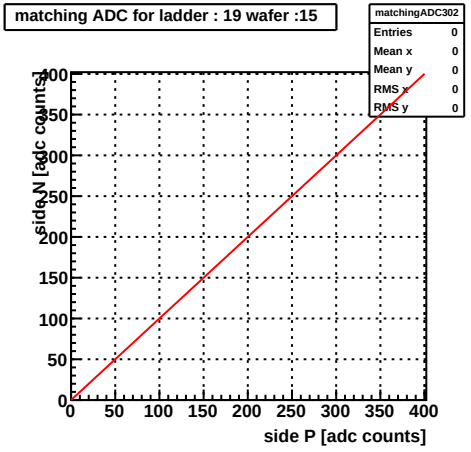

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

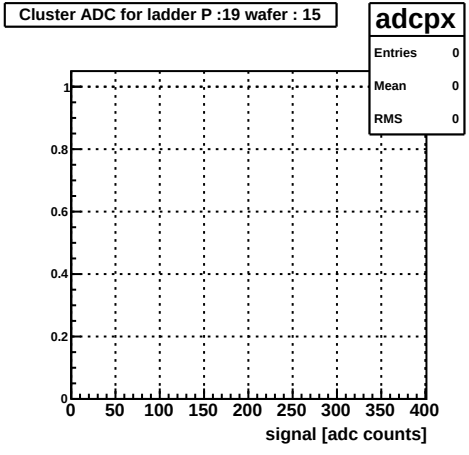

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

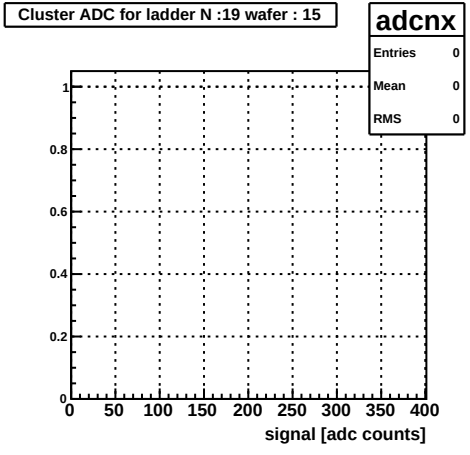

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

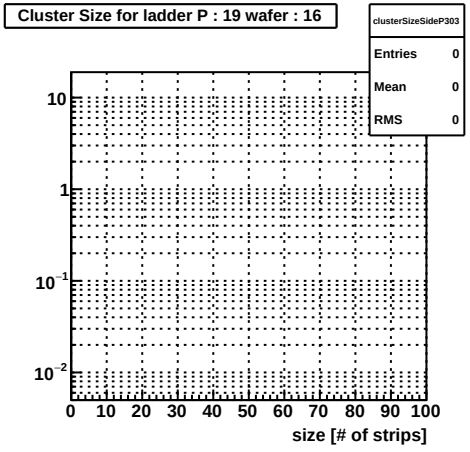

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

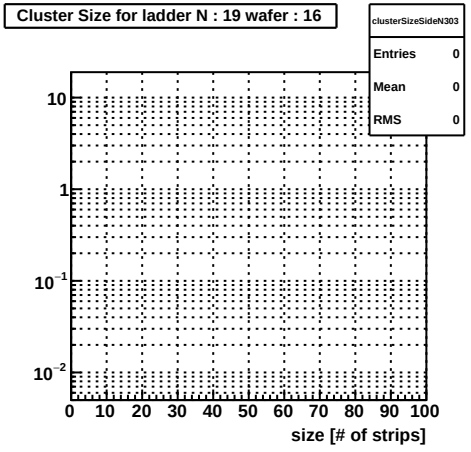

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

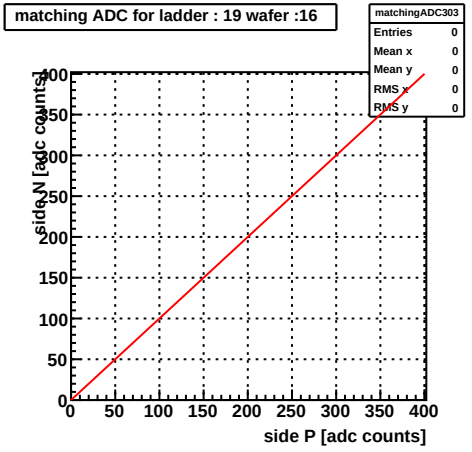

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

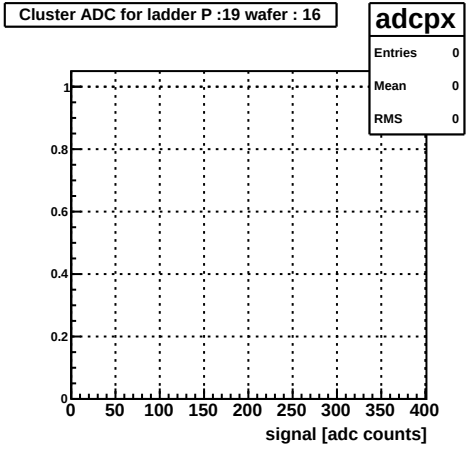

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

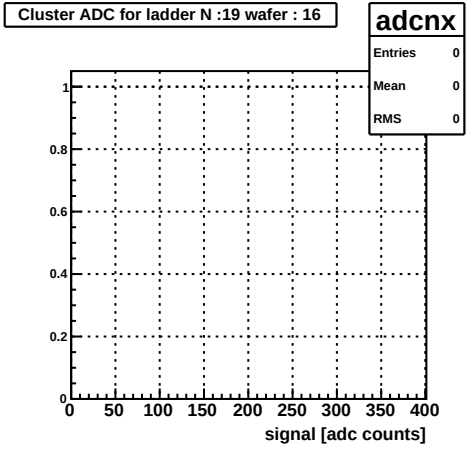

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

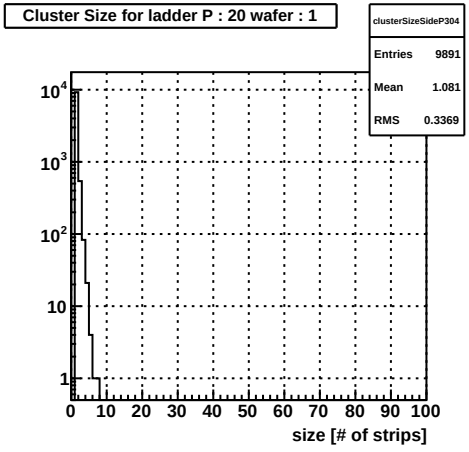

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

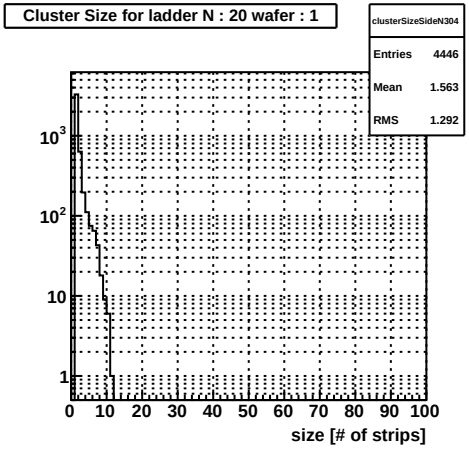

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

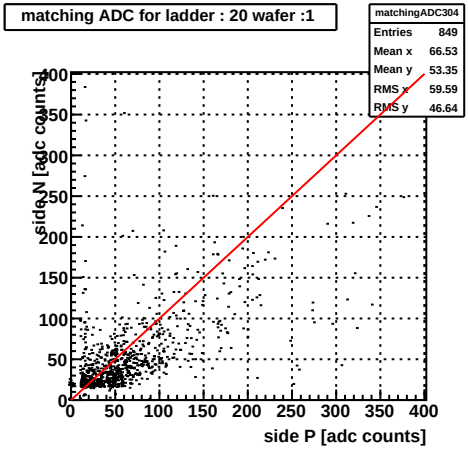

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

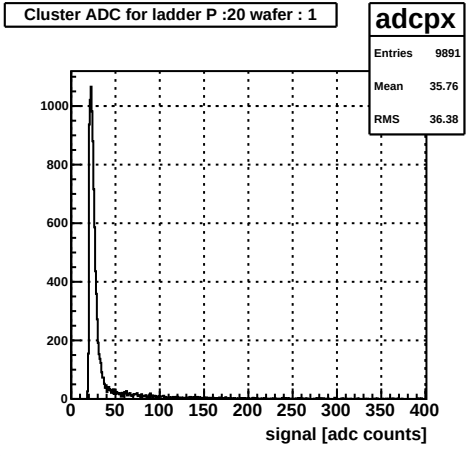

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

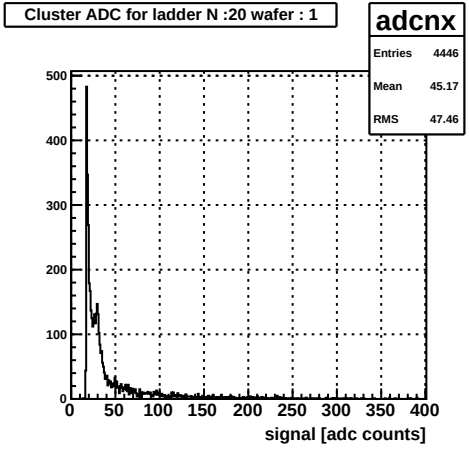

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

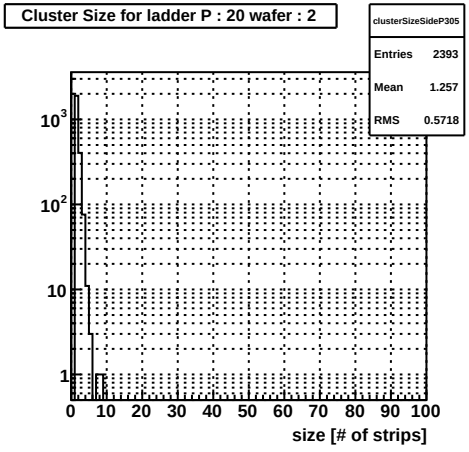

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 9891
Mean 1.081
RMS 0.3369
size [# of strips]

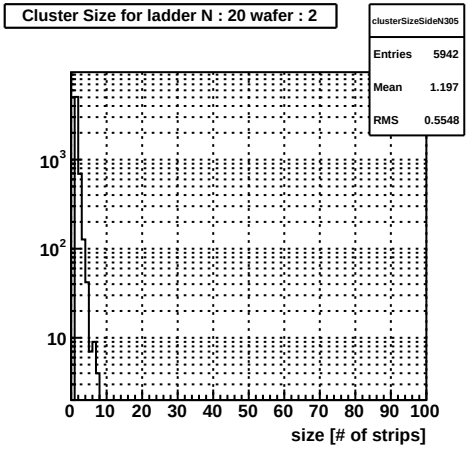

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4446
Mean 1.563
RMS 1.292
size [# of strips]

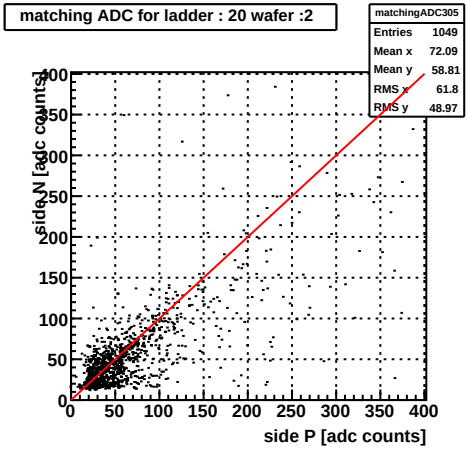

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 849
Mean x 66.53
Mean y 53.35
RMS x 59.59
RMS y 46.64
side N [adc counts]
side P [adc counts]

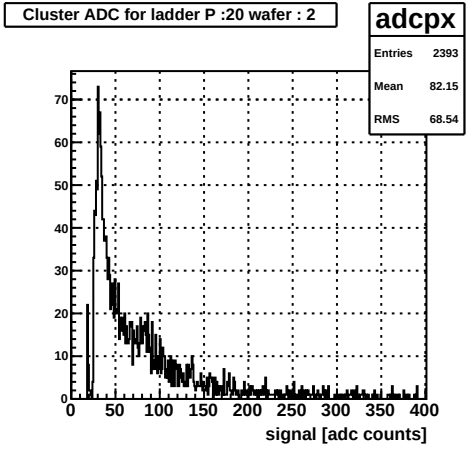

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 9891
Mean 35.76
RMS 36.38
signal [adc counts]

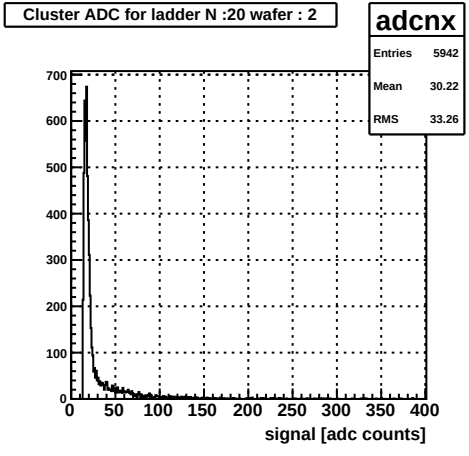

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4446
Mean 45.17
RMS 47.46
signal [adc counts]

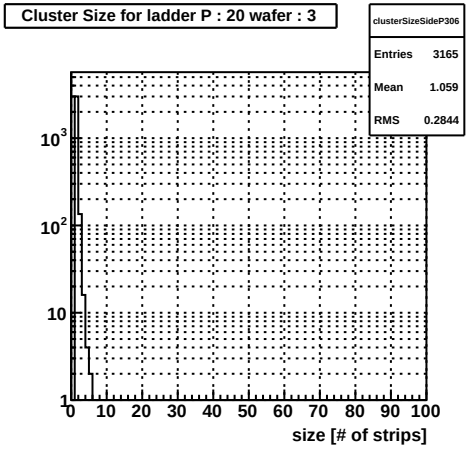

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2393
Mean 1.257
RMS 0.5718
size [# of strips]

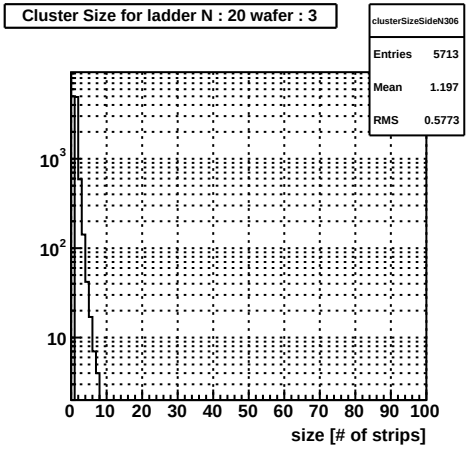

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 5942
Mean 1.197
RMS 0.5548
size [# of strips]

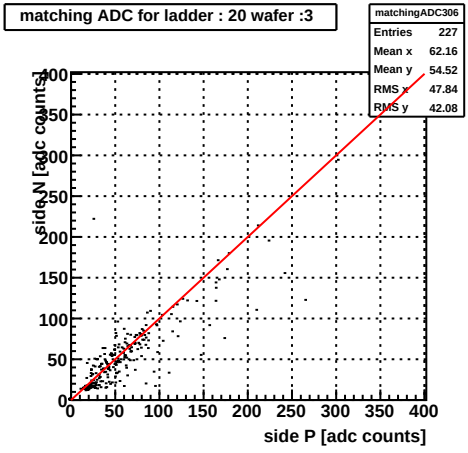

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1049
Mean x 72.09
Mean y 58.81
RMS x 61.8
RMS y 48.97
side N [adc counts]
side P [adc counts]

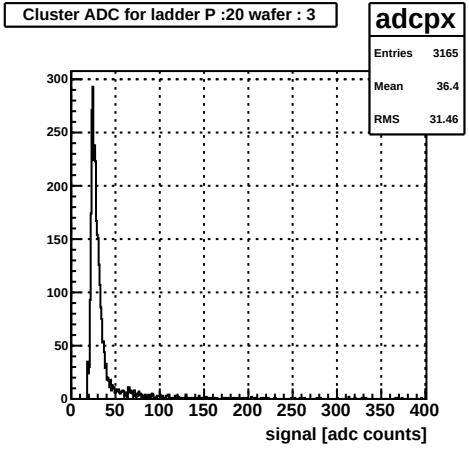

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2393
Mean 82.15
RMS 68.54
signal [adc counts]

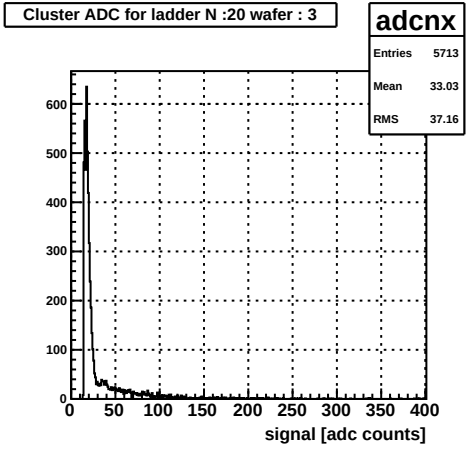

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 5942
Mean 30.22
RMS 33.26
signal [adc counts]

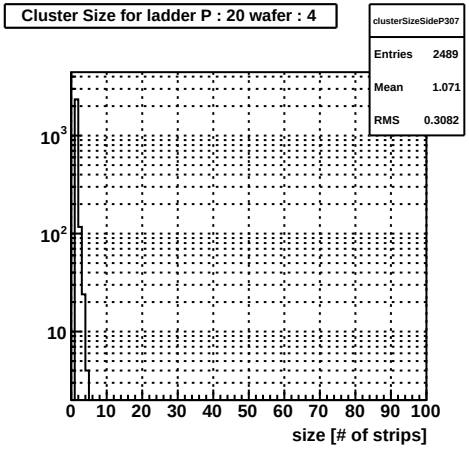

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3165
Mean 1.059
RMS 0.2844
size [# of strips]

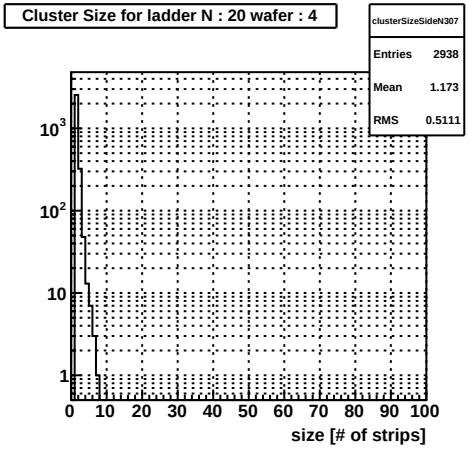

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5713
Mean 1.197
RMS 0.5773
size [# of strips]

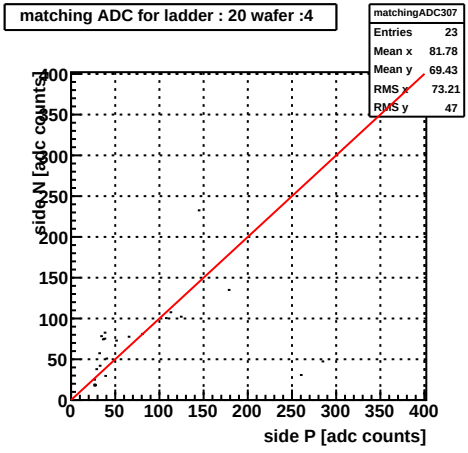

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 227
Mean x 62.16
Mean y 54.52
RMS x 47.84
RMS y 42.08
side N [adc counts]
side P [adc counts]

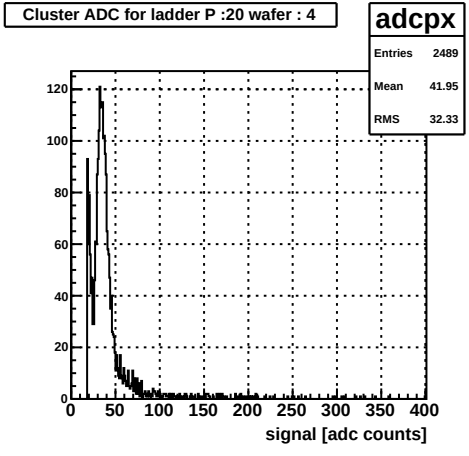

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3165
Mean 36.4
RMS 31.46
signal [adc counts]

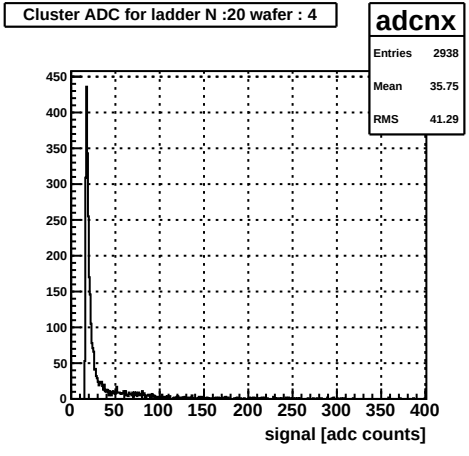

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5713
Mean 33.03
RMS 37.16
signal [adc counts]

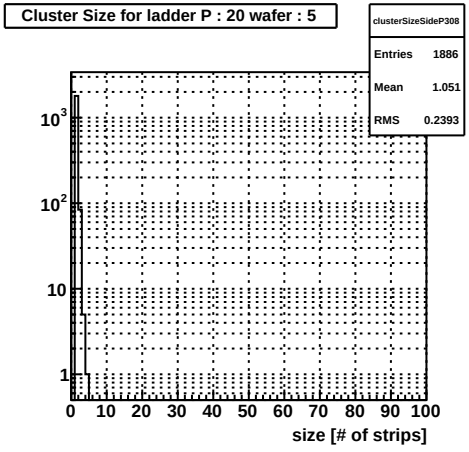

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2489
Mean 1.071
RMS 0.3082
size [# of strips]

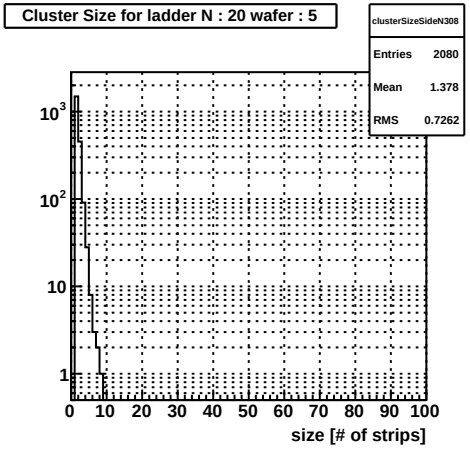

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2938
Mean 1.173
RMS 0.5111
size [# of strips]

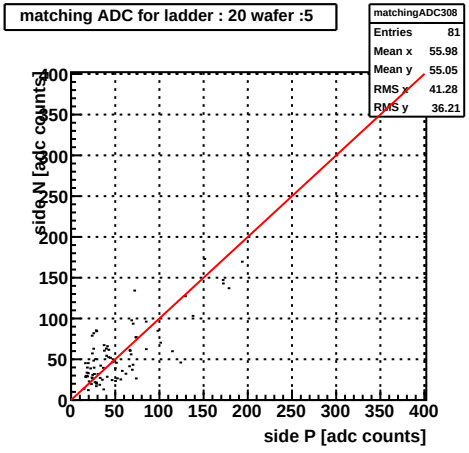

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 23
Mean x 81.78
Mean y 69.43
RMS x 73.21
RMS y 47
side N [adc counts]
side P [adc counts]

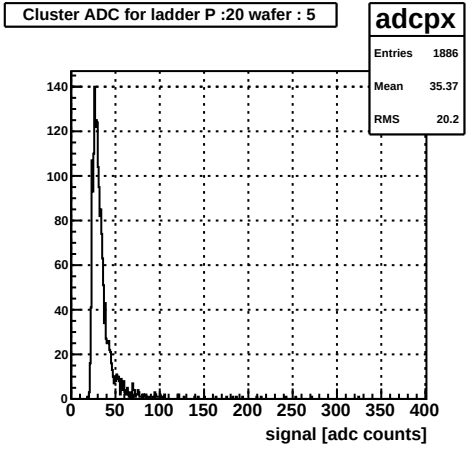

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2489
Mean 41.95
RMS 32.33
signal [adc counts]

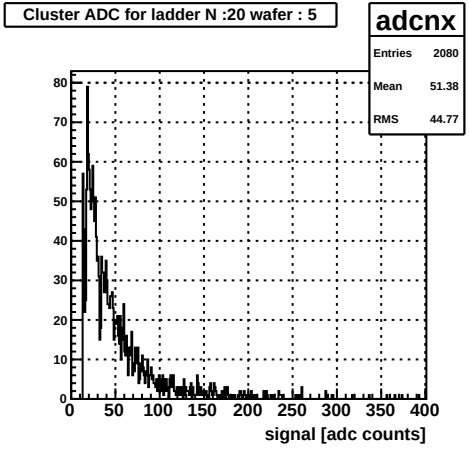

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2938
Mean 35.75
RMS 41.29
signal [adc counts]

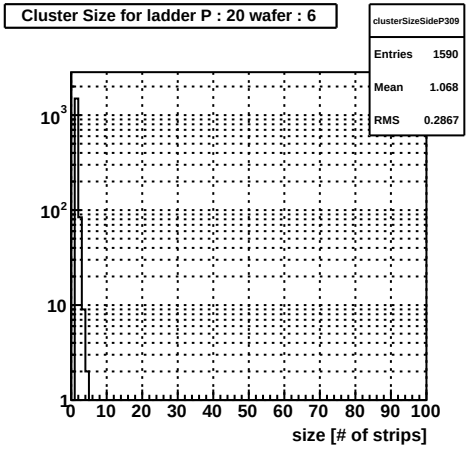

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1886
Mean 1.051
RMS 0.2393
size [# of strips]

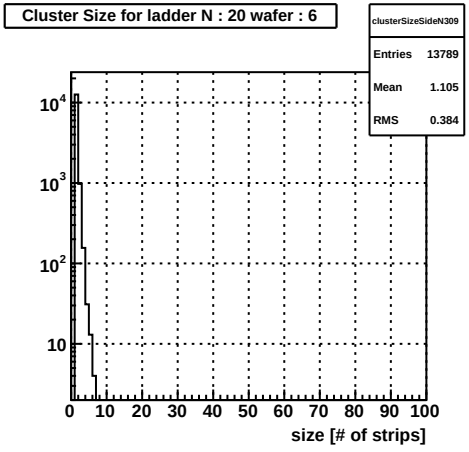

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2080
Mean 1.378
RMS 0.7262
size [# of strips]

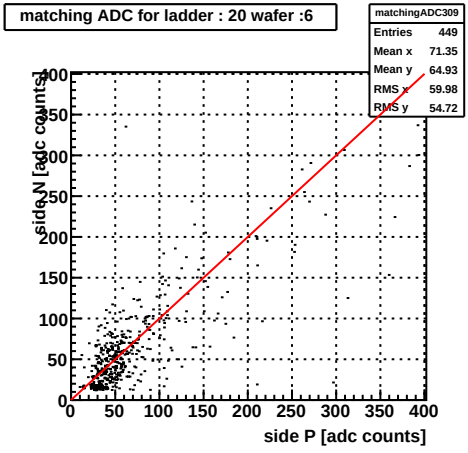

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 81
Mean x 55.98
Mean y 55.05
RMS x 41.28
RMS y 36.21
side N [adc counts]
side P [adc counts]

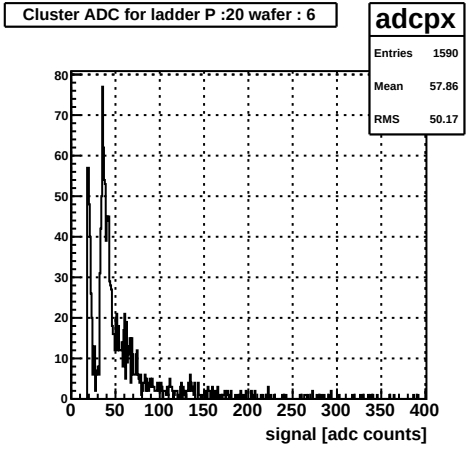

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1886
Mean 35.37
RMS 20.2
signal [adc counts]

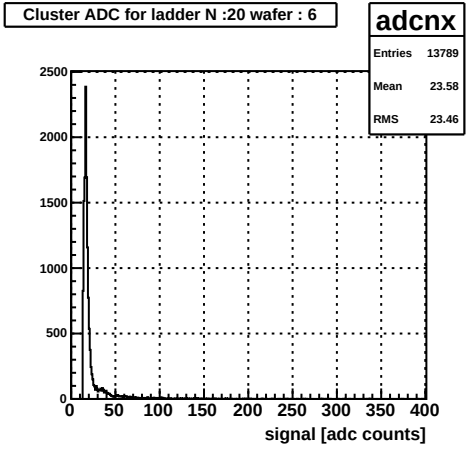

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2080
Mean 51.38
RMS 44.77
signal [adc counts]

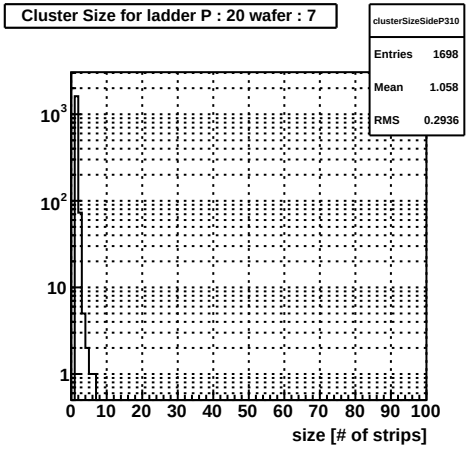

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1590
Mean 1.068
RMS 0.2867
size [# of strips]

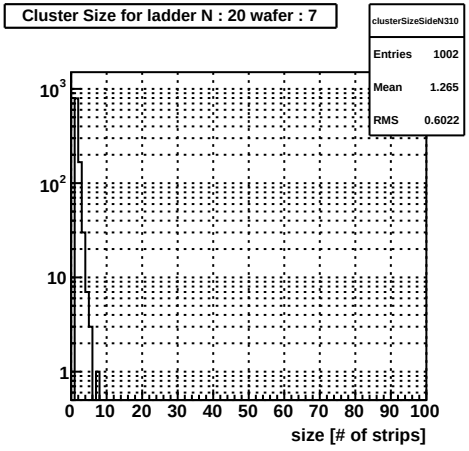

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 13789
Mean 1.105
RMS 0.384
size [# of strips]

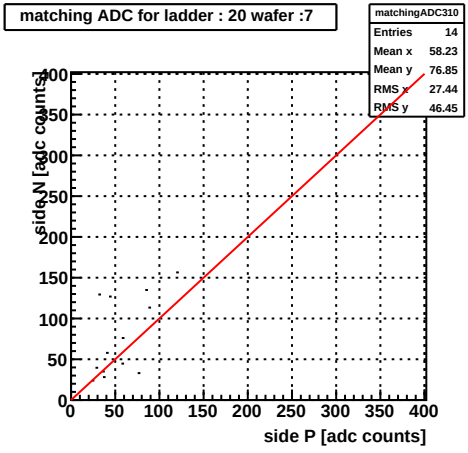

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 449
Mean x 71.35
Mean y 64.93
RMS x 59.98
RMS y 54.72
side N [adc counts]
side P [adc counts]

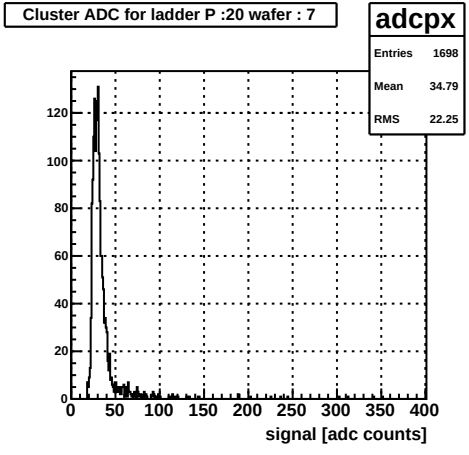

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1590
Mean 57.86
RMS 50.17
signal [adc counts]

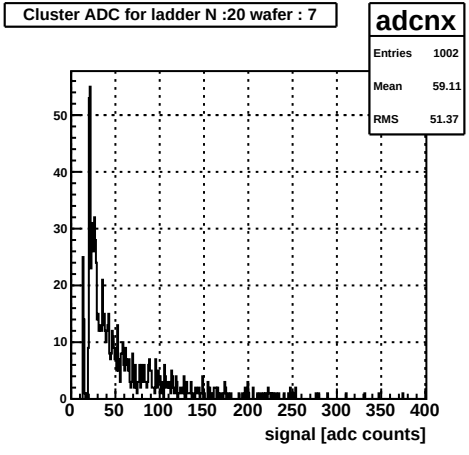

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 13789
Mean 23.58
RMS 23.46
signal [adc counts]

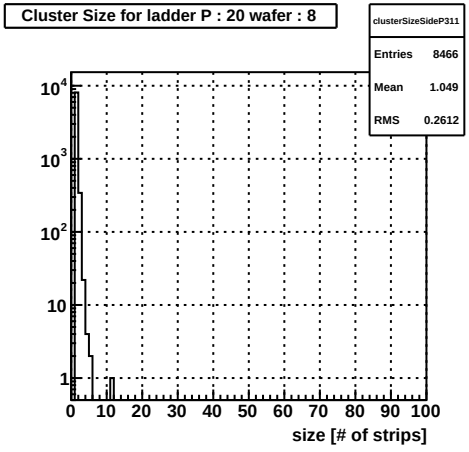

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1698
Mean 1.058
RMS 0.2936
size [# of strips]

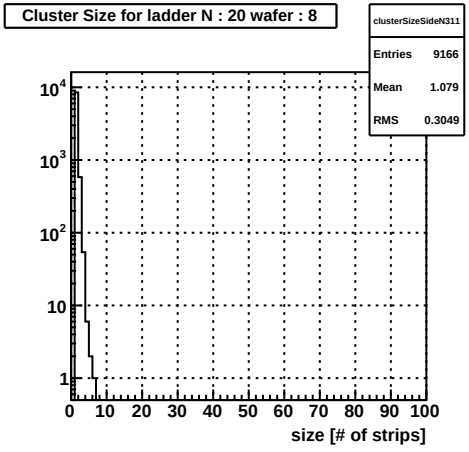

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1002
Mean 1.265
RMS 0.6022
size [# of strips]

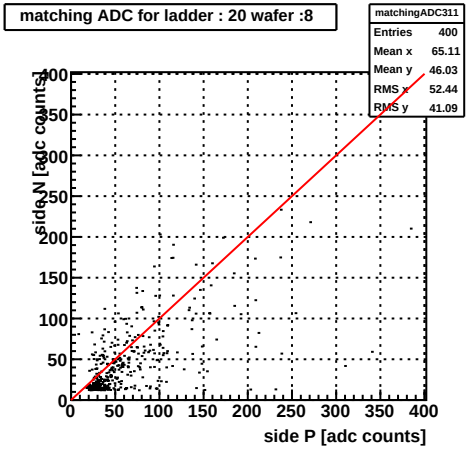

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 14
Mean x 58.23
Mean y 76.85
RMS x 27.44
RMS y 46.45
side N [adc counts]
side P [adc counts]

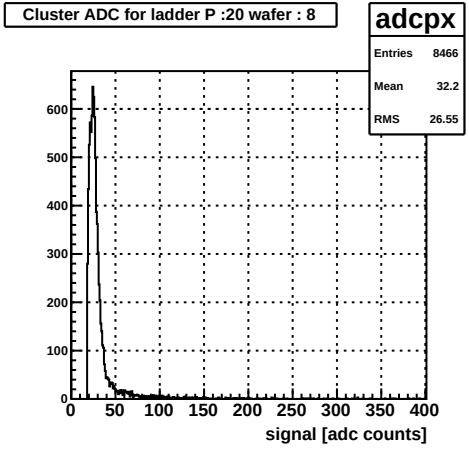

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1698
Mean 34.79
RMS 22.25
signal [adc counts]

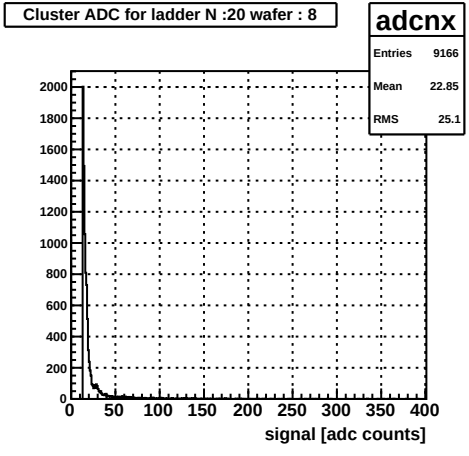

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1002
Mean 59.11
RMS 51.37
signal [adc counts]

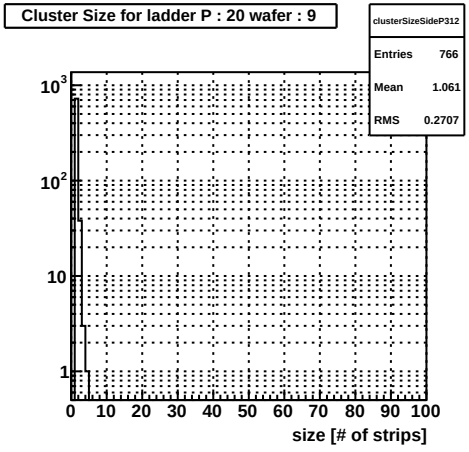

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8466
Mean 1.049
RMS 0.2612
size [# of strips]

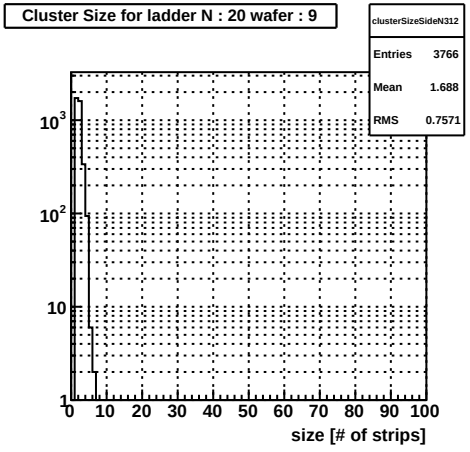

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 9166
Mean 1.079
RMS 0.3049
size [# of strips]

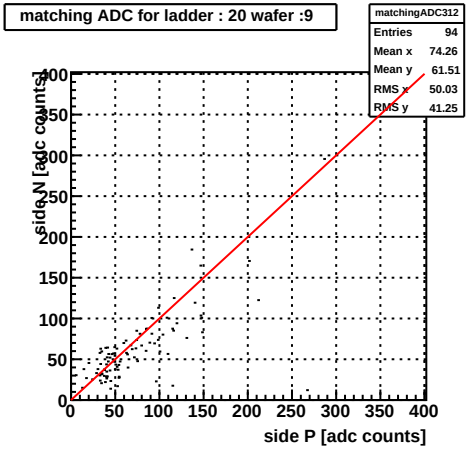

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 400
Mean x 65.11
Mean y 46.03
RMS x 52.44
RMS y 41.09
side N [adc counts]
side P [adc counts]

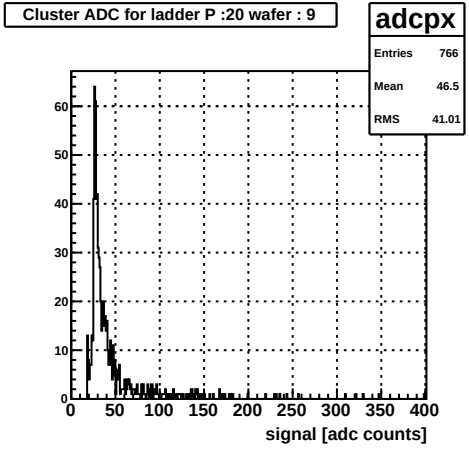

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8466
Mean 32.2
RMS 26.55
signal [adc counts]

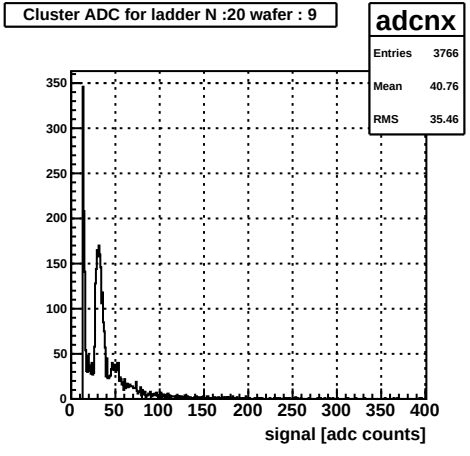

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 9166
Mean 22.85
RMS 25.1
signal [adc counts]

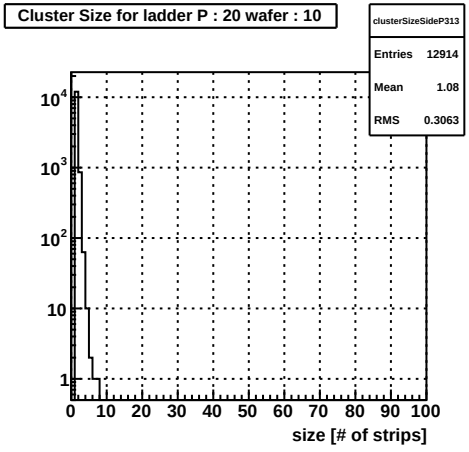

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 766
Mean 1.061
RMS 0.2707
size [# of strips]

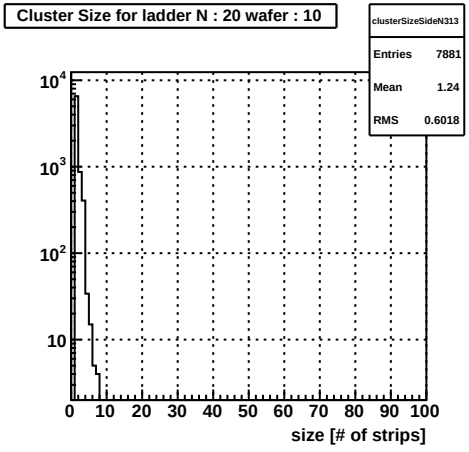

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3766
Mean 1.688
RMS 0.7571
size [# of strips]

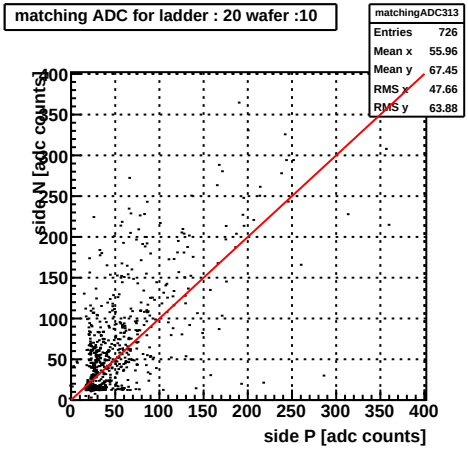

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 94
Mean x 74.26
Mean y 61.51
RMS x 50.03
RMS y 41.25
side N [adc counts]
side P [adc counts]

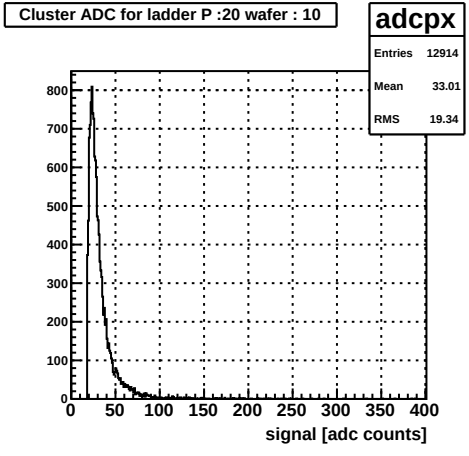

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 766
Mean 46.5
RMS 41.01
signal [adc counts]

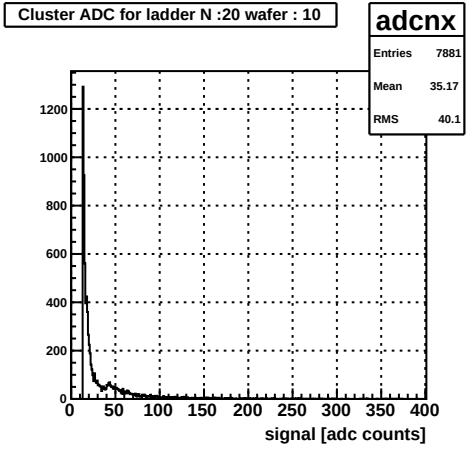

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3766
Mean 40.76
RMS 35.46
signal [adc counts]

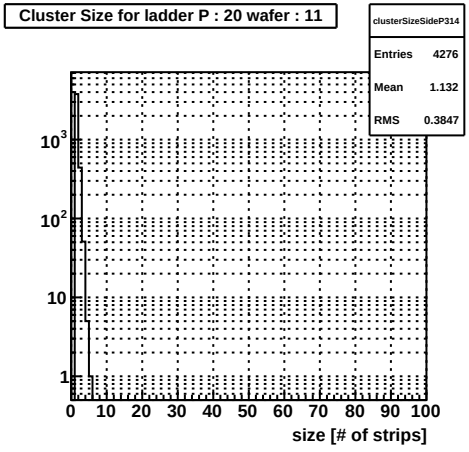

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12914
Mean 1.08
RMS 0.3063
size [# of strips]

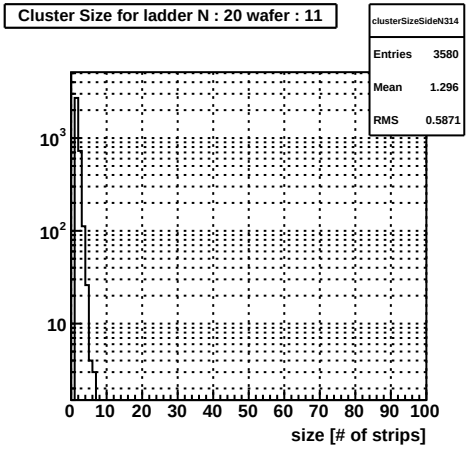

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7881
Mean 1.24
RMS 0.6018
size [# of strips]

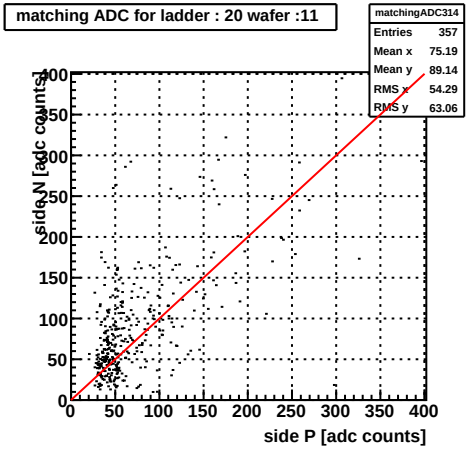

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 726
Mean x 55.96
Mean y 67.45
RMS x 47.66
RMS y 63.88
side N [adc counts]
side P [adc counts]

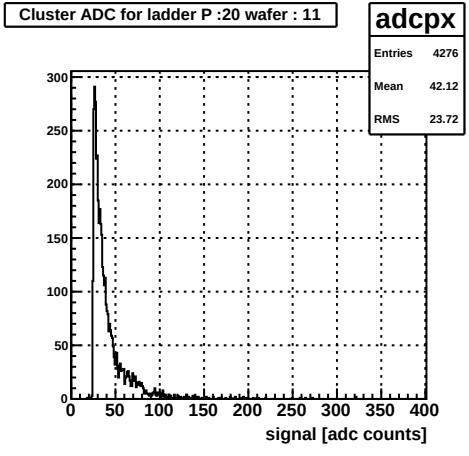

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12914
Mean 33.01
RMS 19.34
signal [adc counts]

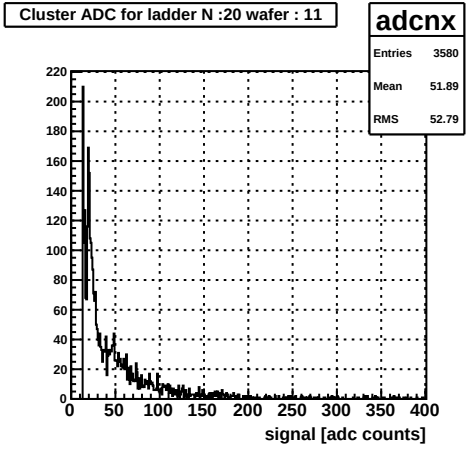

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7881
Mean 35.17
RMS 40.1
signal [adc counts]

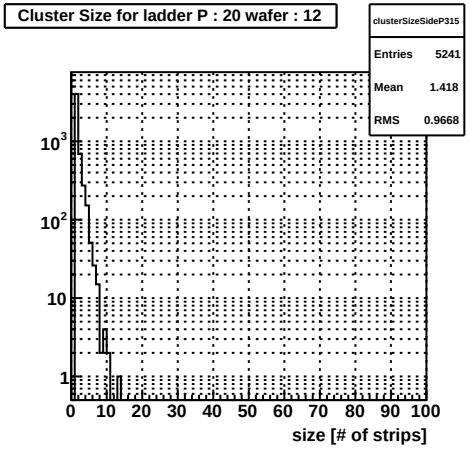

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4276
Mean 1.132
RMS 0.3847
size [# of strips]

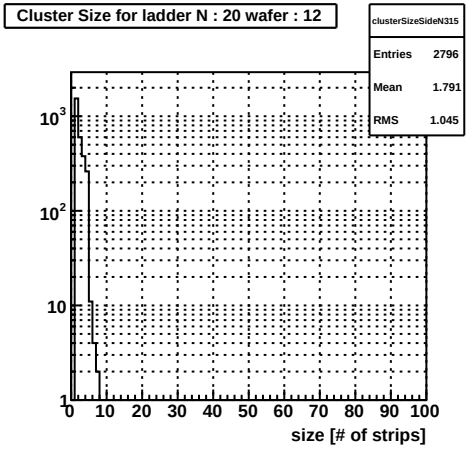

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3580
Mean 1.296
RMS 0.5871
size [# of strips]

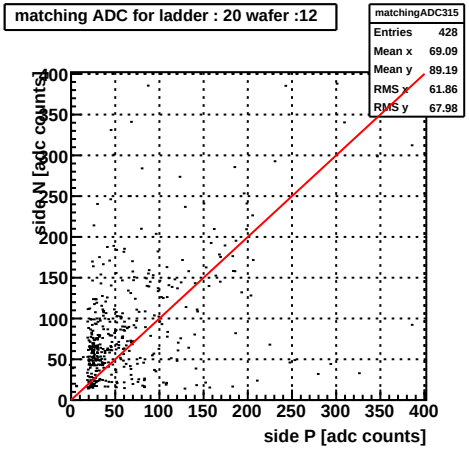

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 357
Mean x 75.19
Mean y 89.14
RMS x 54.29
RMS y 63.06
side N [adc counts]
side P [adc counts]

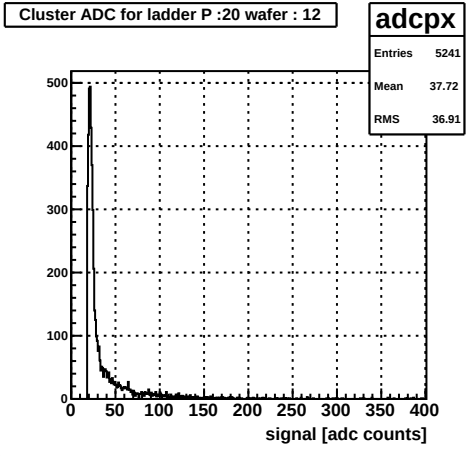

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4276
Mean 42.12
RMS 23.72
signal [adc counts]

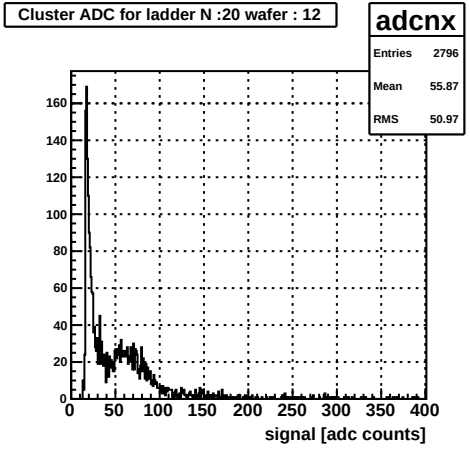

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3580
Mean 51.89
RMS 52.79
signal [adc counts]

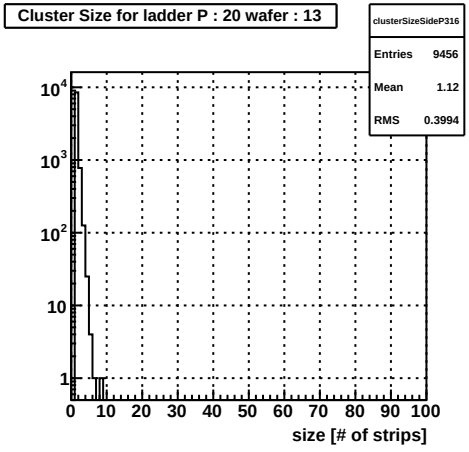

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5241
Mean 1.418
RMS 0.9668
size [# of strips]

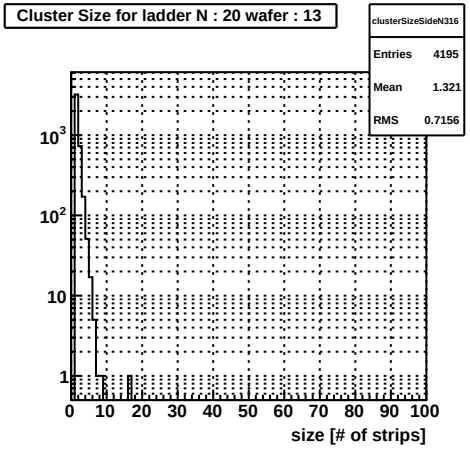

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2796
Mean 1.791
RMS 1.045
size [# of strips]

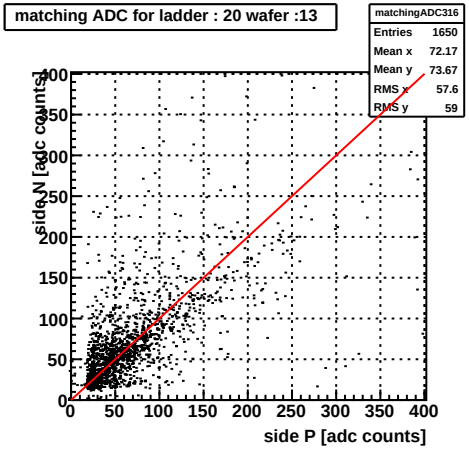

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 428
Mean x 69.09
Mean y 89.19
RMS x 61.86
RMS y 67.98
side N [adc counts]
side P [adc counts]

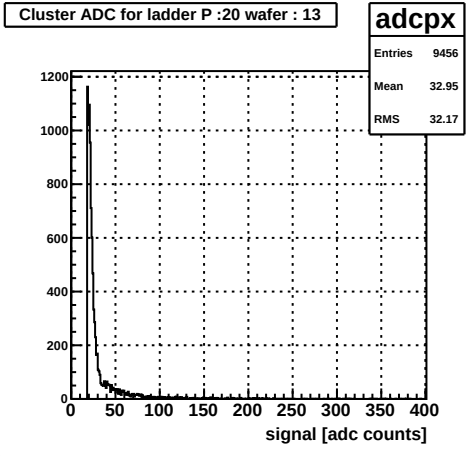

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5241
Mean 37.72
RMS 36.91
signal [adc counts]

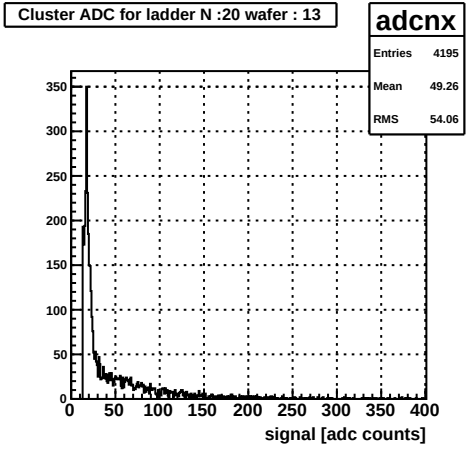

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2796
Mean 55.87
RMS 50.97
signal [adc counts]

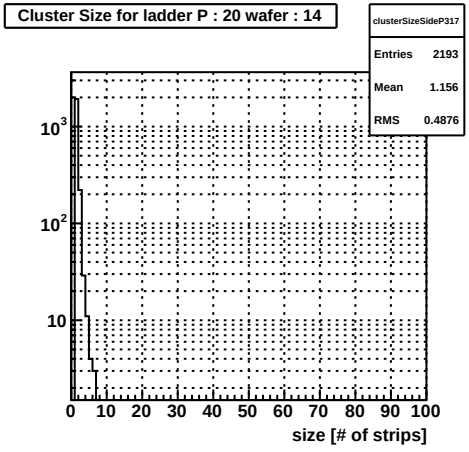

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9456
Mean 1.12
RMS 0.3994
size [# of strips]

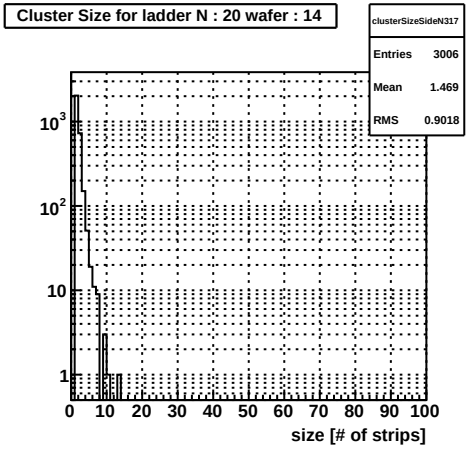

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4195
Mean 1.321
RMS 0.7156
size [# of strips]

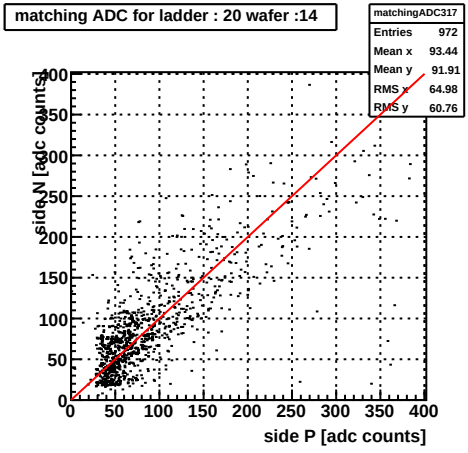

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1650
Mean x 72.17
Mean y 73.67
RMS x 57.6
RMS y 59
side N [adc counts]
side P [adc counts]

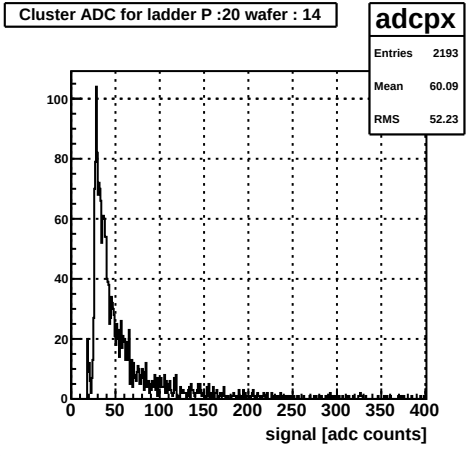

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9456
Mean 32.95
RMS 32.17
signal [adc counts]

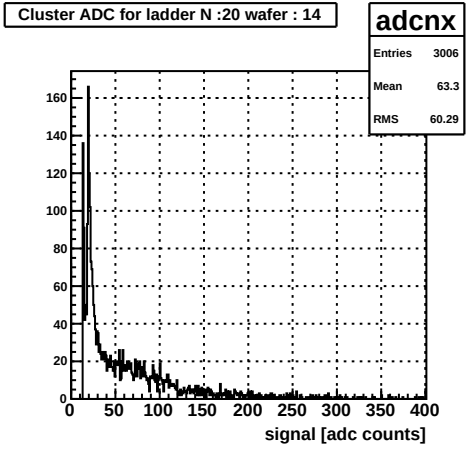

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4195
Mean 49.26
RMS 54.06
signal [adc counts]

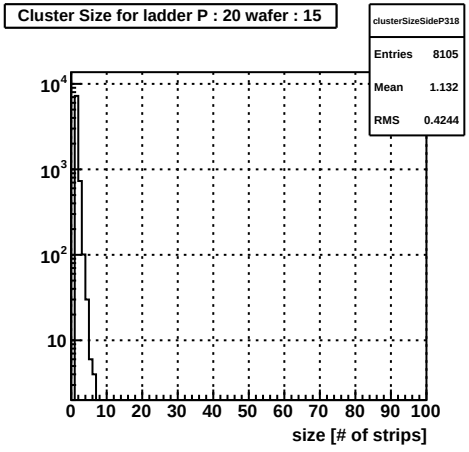

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2193
Mean 1.156
RMS 0.4876
size [# of strips]

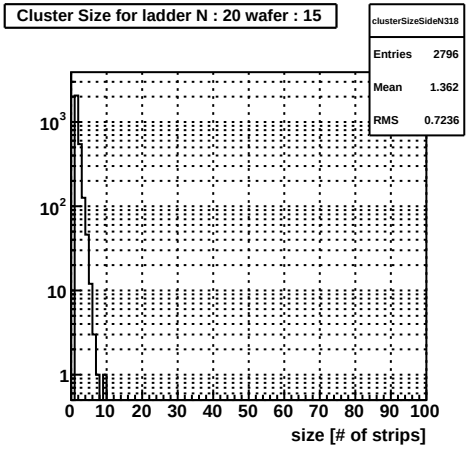

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 3006
Mean 1.469
RMS 0.9018
size [# of strips]

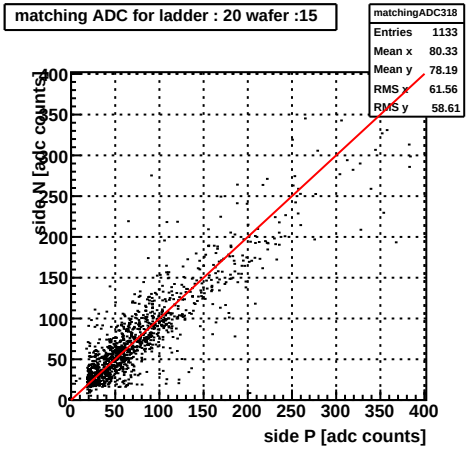

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 972
Mean x 93.44
Mean y 91.91
RMS x 64.98
RMS y 60.76
side N [adc counts]
side P [adc counts]

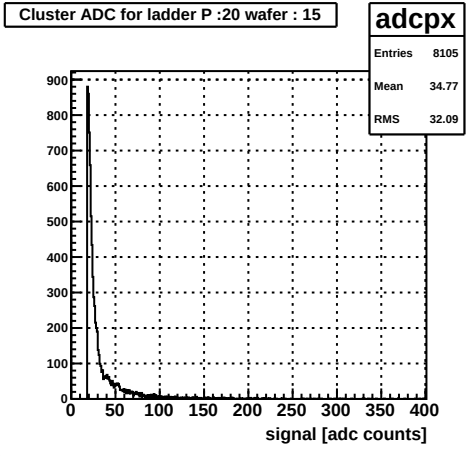

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2193
Mean 60.09
RMS 52.23
signal [adc counts]

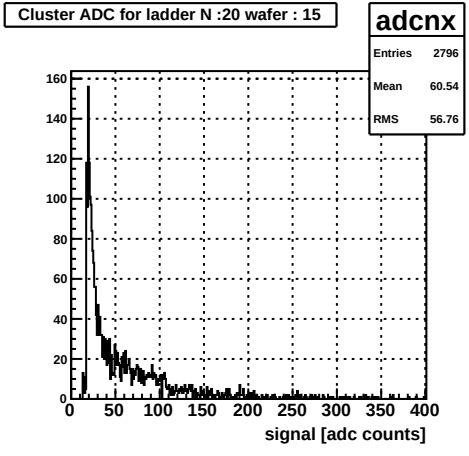

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 3006
Mean 63.3
RMS 60.29
signal [adc counts]

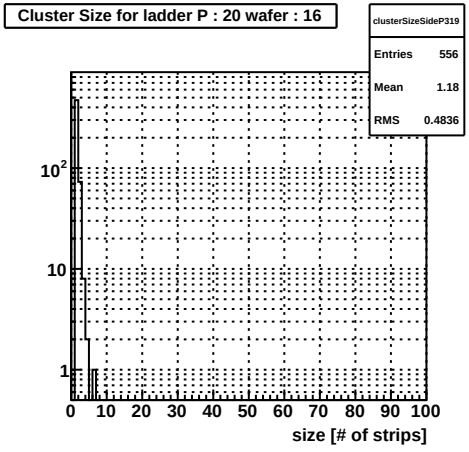

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 8105
Mean 1.132
RMS 0.4244
size [# of strips]

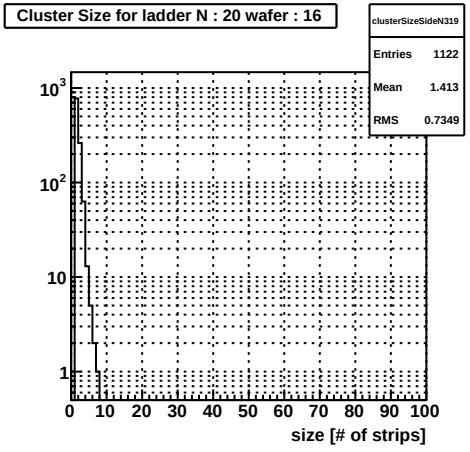

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2796
Mean 1.362
RMS 0.7236
size [# of strips]

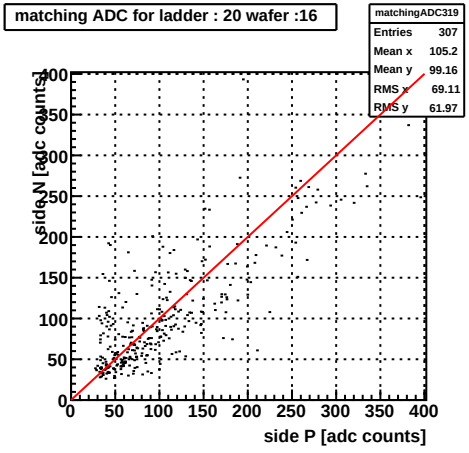

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1133
Mean x 80.33
Mean y 78.19
RMS x 61.56
RMS y 58.61
side N [adc counts]
side P [adc counts]

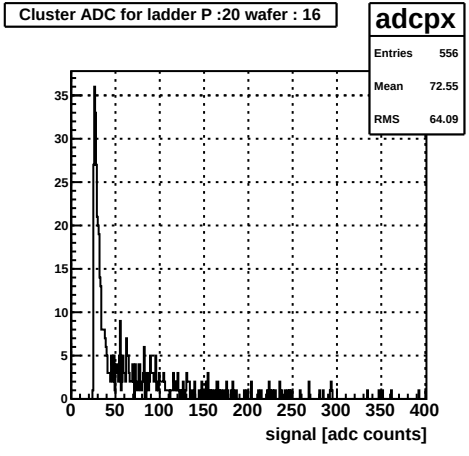

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 8105
Mean 34.77
RMS 32.09
signal [adc counts]

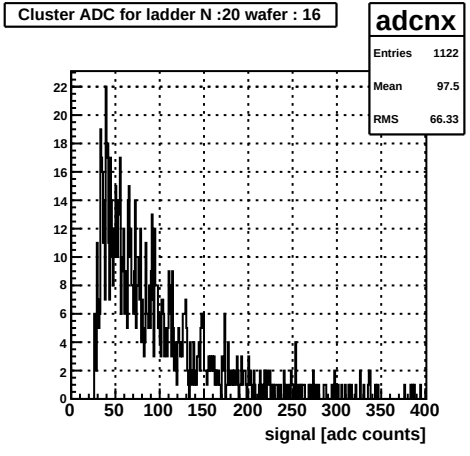

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2796
Mean 60.54
RMS 56.76
signal [adc counts]

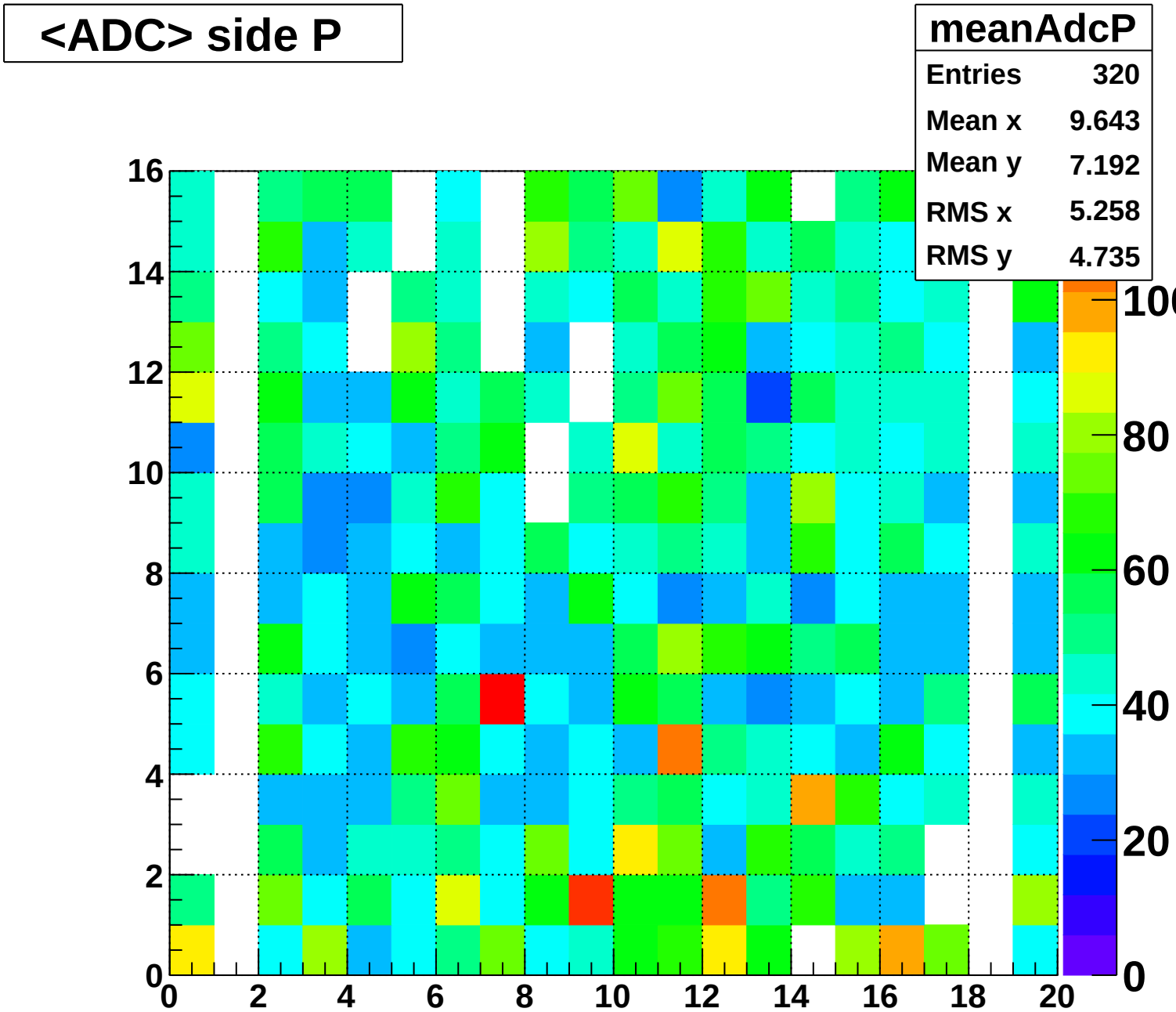

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 556
Mean 1.18
RMS 0.4836
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1122
Mean 1.413
RMS 0.7349
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 307
Mean x 105.2
Mean y 99.16
RMS x 69.11
RMS y 61.97
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 556
Mean 72.55
RMS 64.09
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1122
Mean 97.5
RMS 66.33
signal [adc counts]



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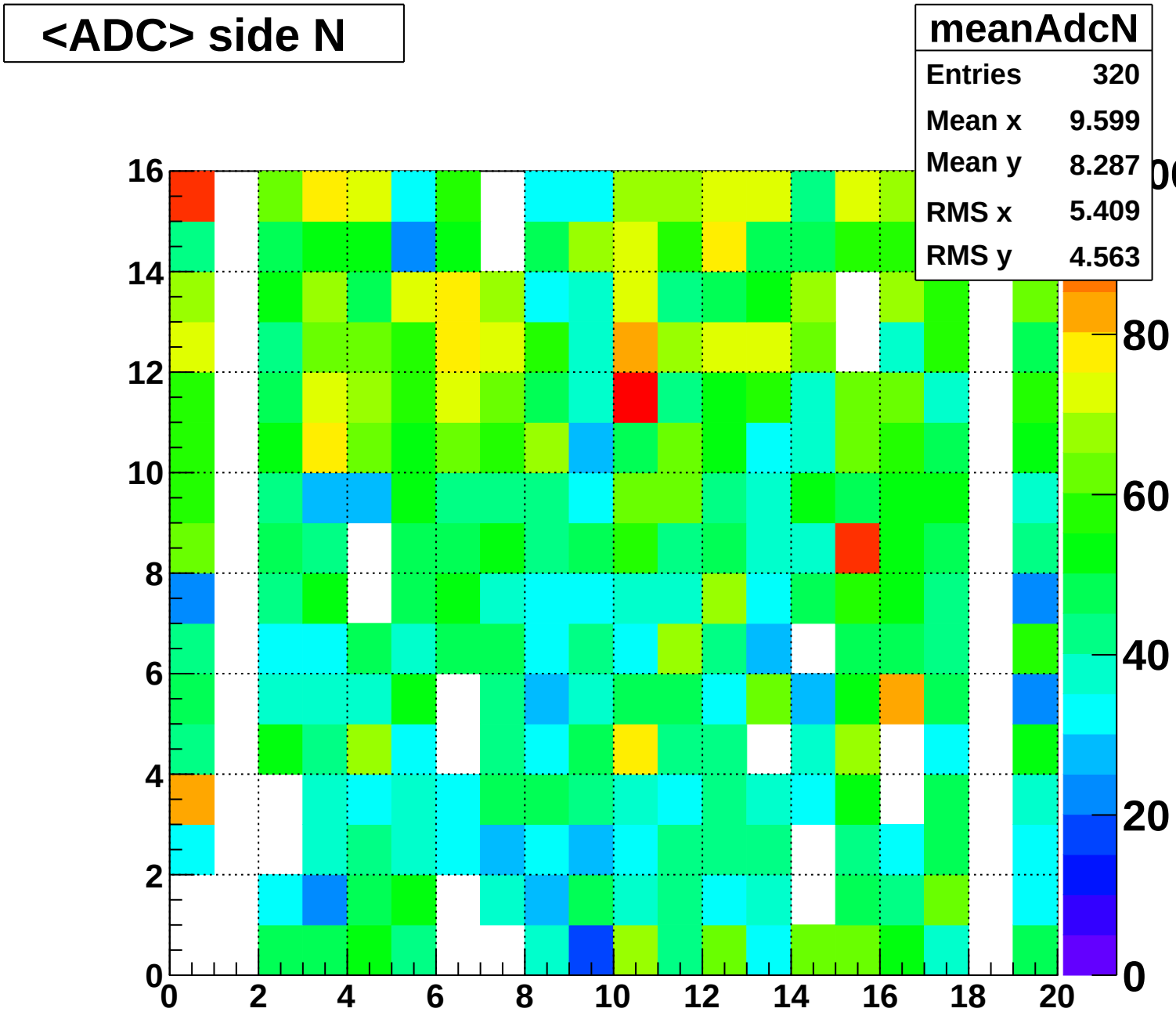

2016-05-19 03:45:50