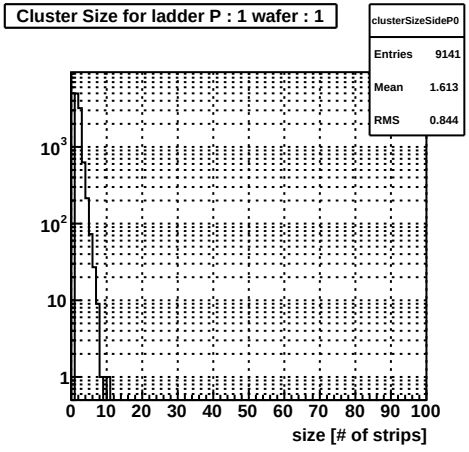
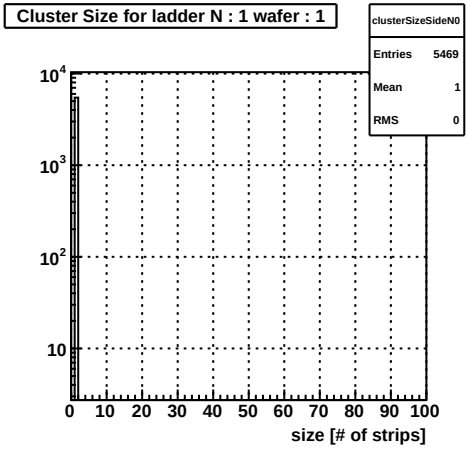
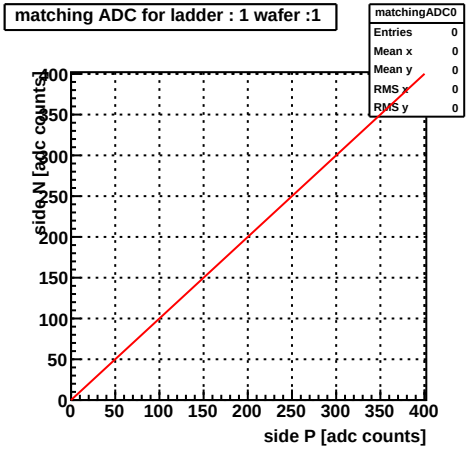
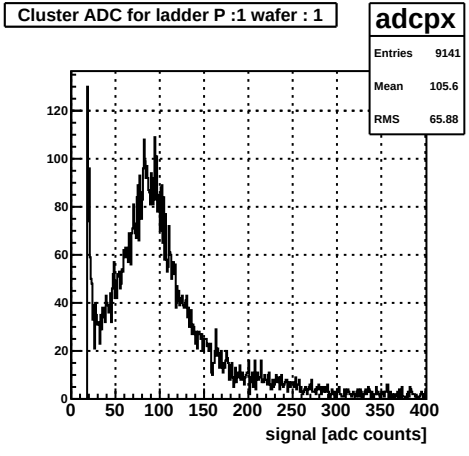
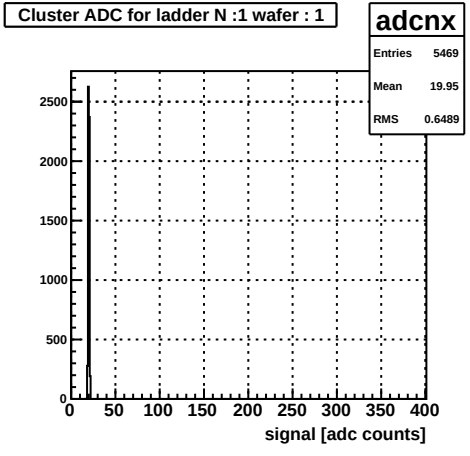
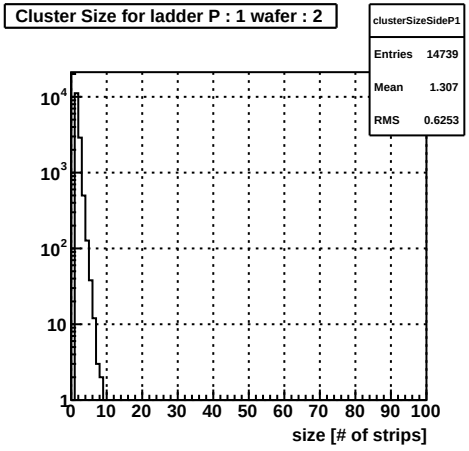

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 9141
Mean 1.613
RMS 0.844
size [# of strips]

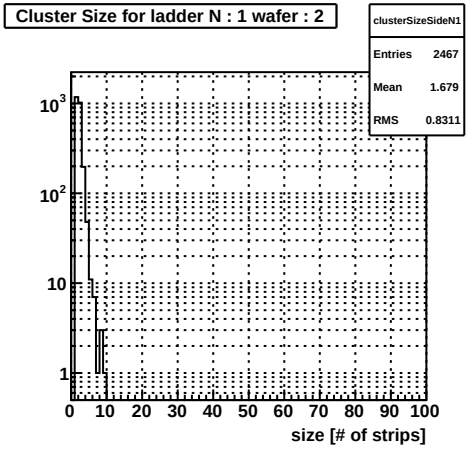

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 5469
Mean 1
RMS 0
size [# of strips]

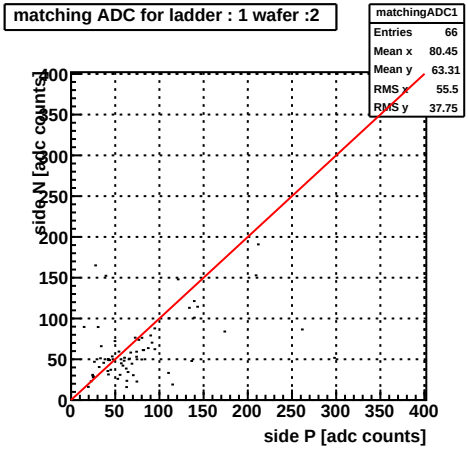

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

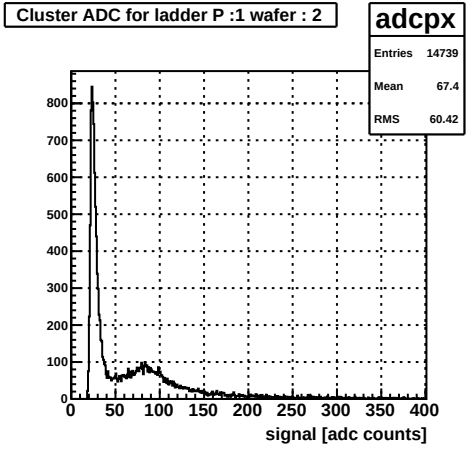

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 9141
Mean 105.6
RMS 65.88
signal [adc counts]

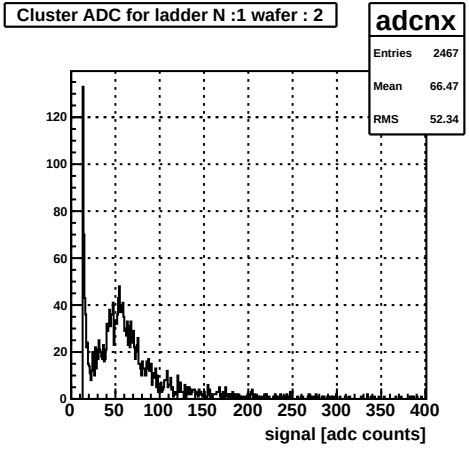

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 5469
Mean 19.95
RMS 0.6489
signal [adc counts]

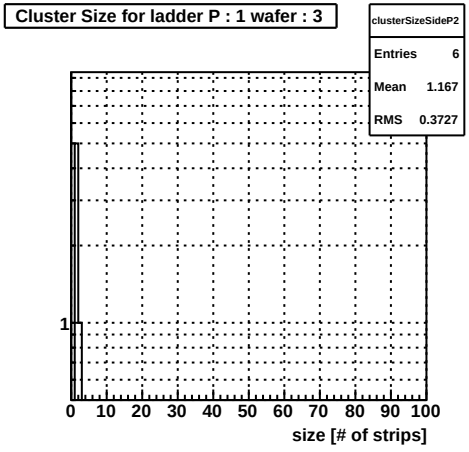

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 14739
Mean 1.307
RMS 0.6253
size [# of strips]

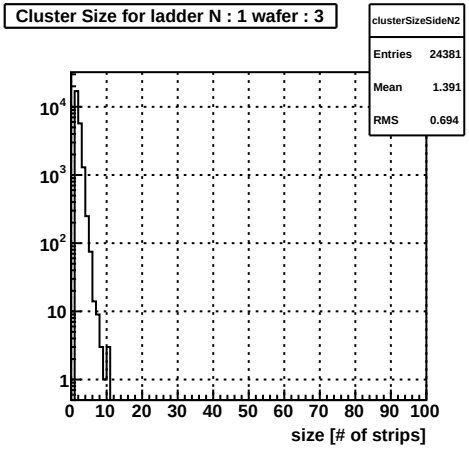

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 2467
Mean 1.679
RMS 0.8311
size [# of strips]

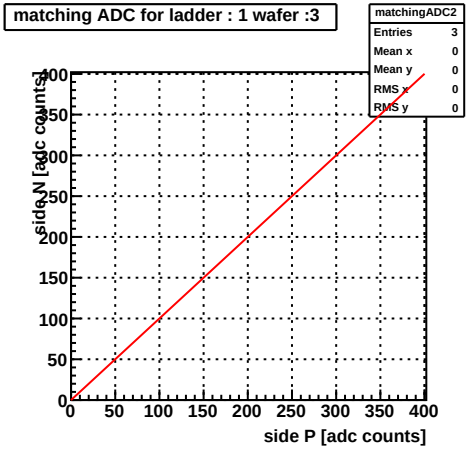

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 66
Mean x 80.45
Mean y 63.31
RMS x 55.5
RMS y 37.75
side N [adc counts]
side P [adc counts]

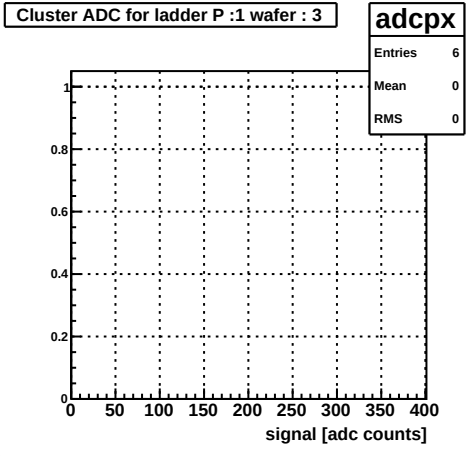

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 14739
Mean 67.4
RMS 60.42
signal [adc counts]

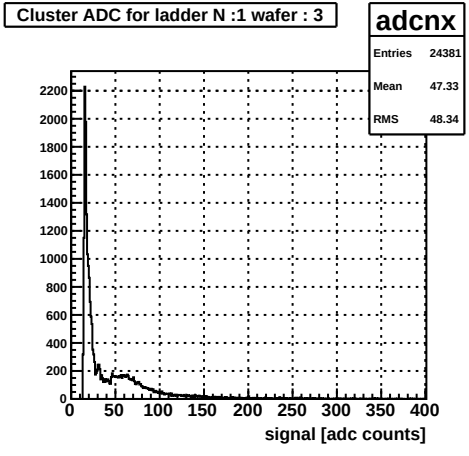

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 2467
Mean 66.47
RMS 52.34
signal [adc counts]

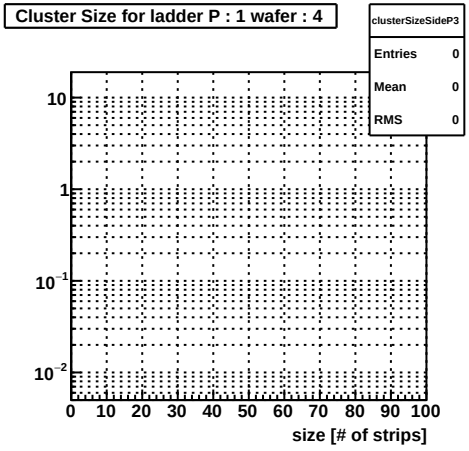

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

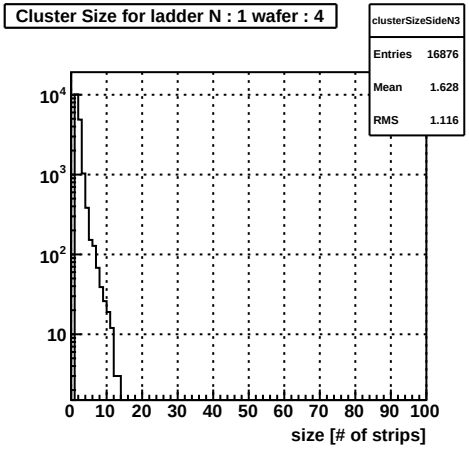

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 24381
Mean 1.391
RMS 0.694
size [# of strips]

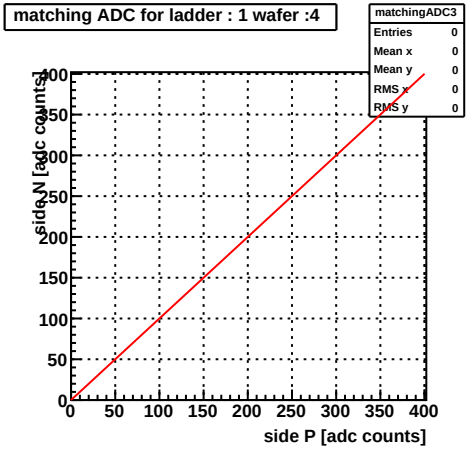

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

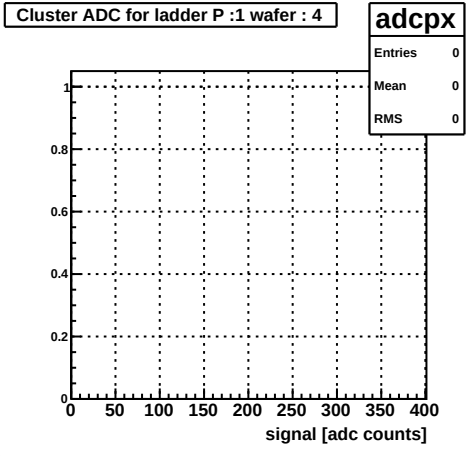

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

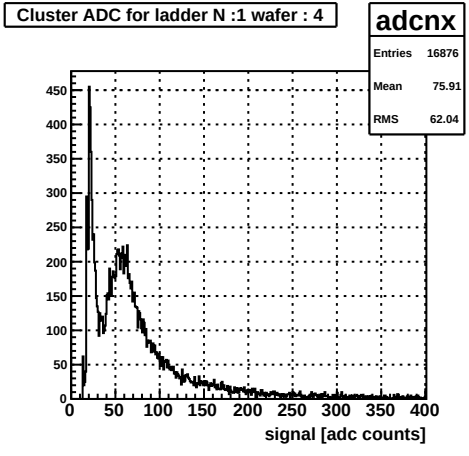

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 24381
Mean 47.33
RMS 48.34
signal [adc counts]

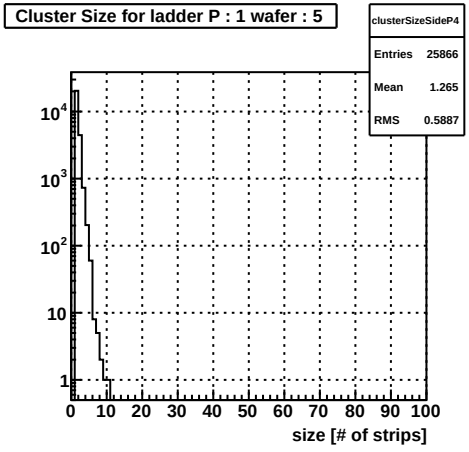

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

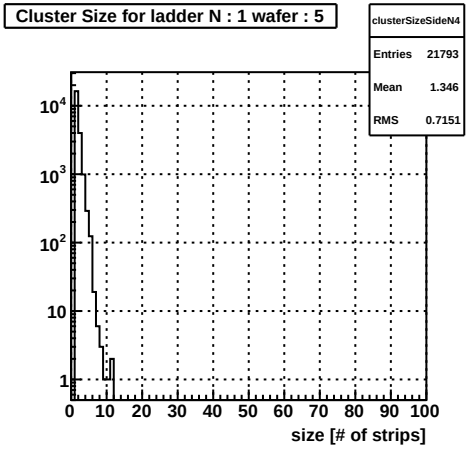

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 16876
Mean 1.628
RMS 1.116
size [# of strips]

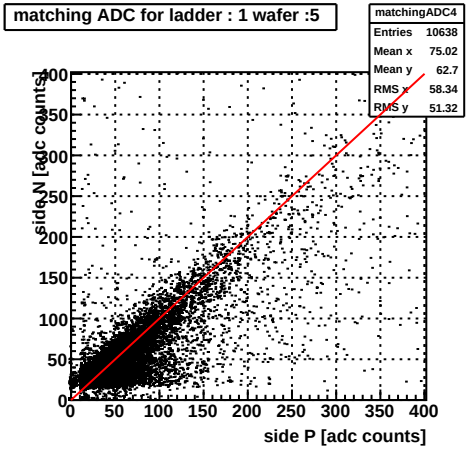

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

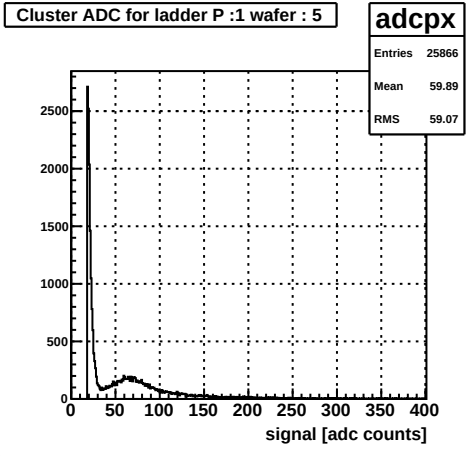

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

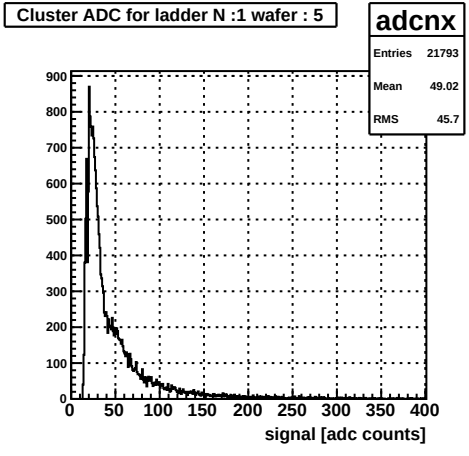

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 16876
Mean 75.91
RMS 62.04
signal [adc counts]

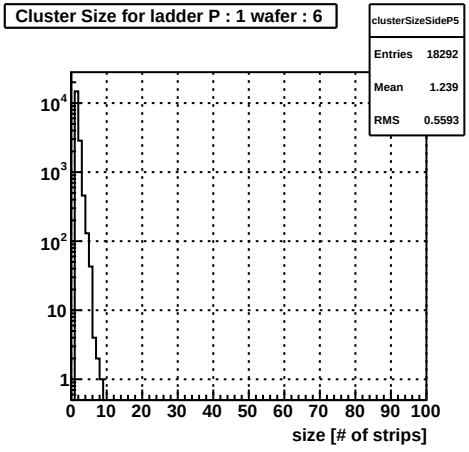

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 25866
Mean 1.265
RMS 0.5887
size [# of strips]

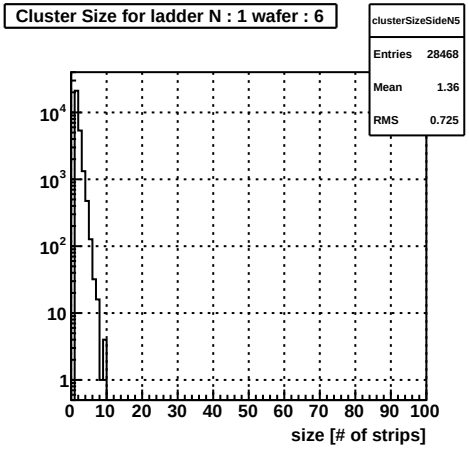

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 21793
Mean 1.346
RMS 0.7151
size [# of strips]

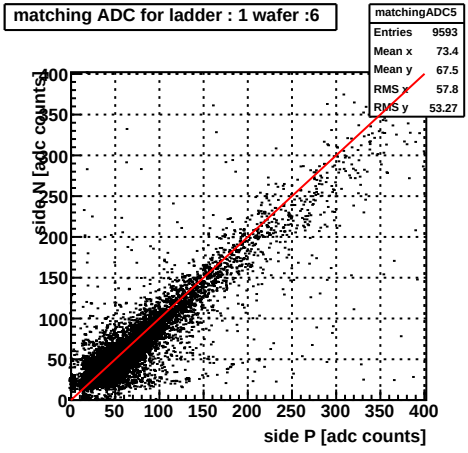

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 10638
Mean x 75.02
Mean y 62.7
RMS x 58.34
RMS y 51.32
side N [adc counts]
side P [adc counts]

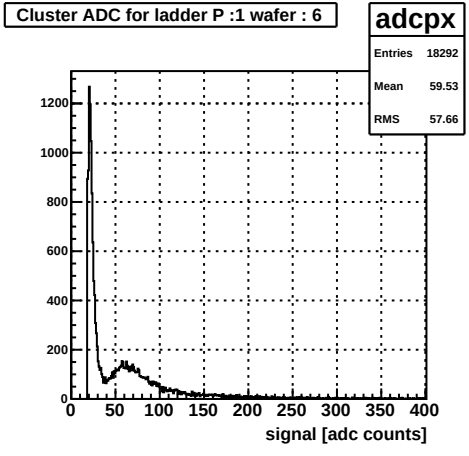

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 25866
Mean 59.89
RMS 59.07
signal [adc counts]

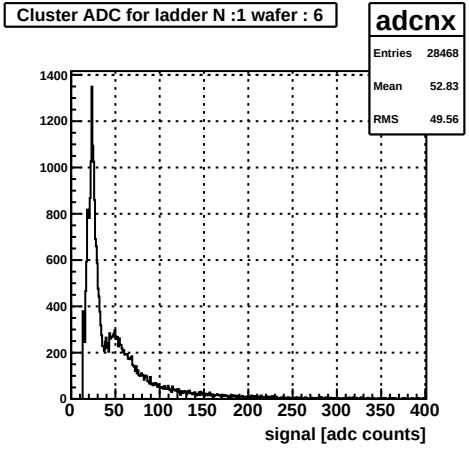

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 21793
Mean 49.02
RMS 45.7
signal [adc counts]

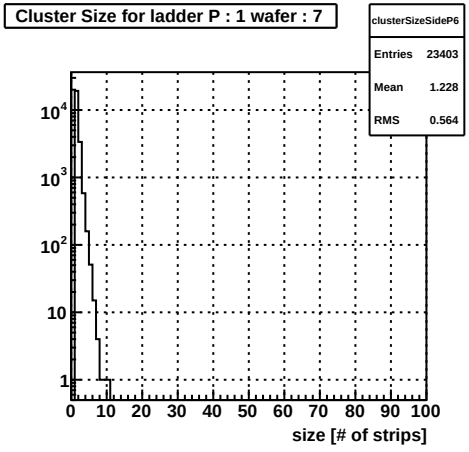

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 18292
Mean 1.239
RMS 0.5593
size [# of strips]

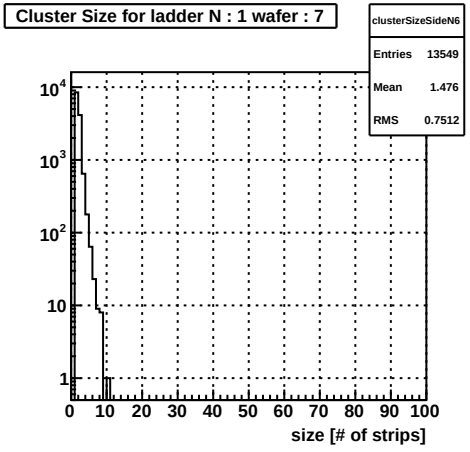

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 28468
Mean 1.36
RMS 0.725
size [# of strips]

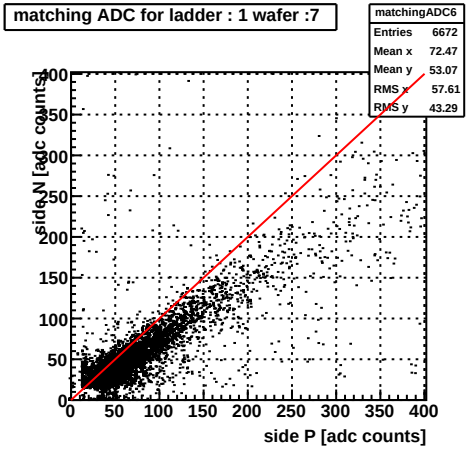

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 9593
Mean x 73.4
Mean y 67.5
RMS x 57.8
RMS y 53.27
side N [adc counts]
side P [adc counts]

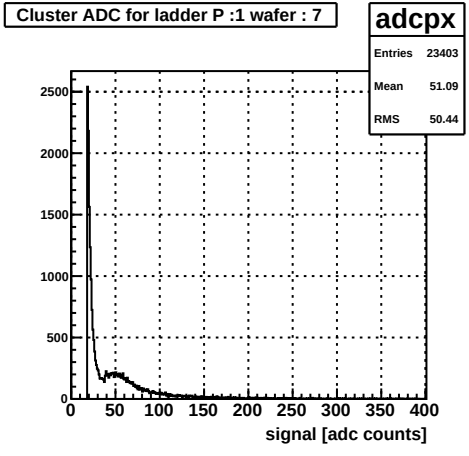

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 18292
Mean 59.53
RMS 57.66
signal [adc counts]

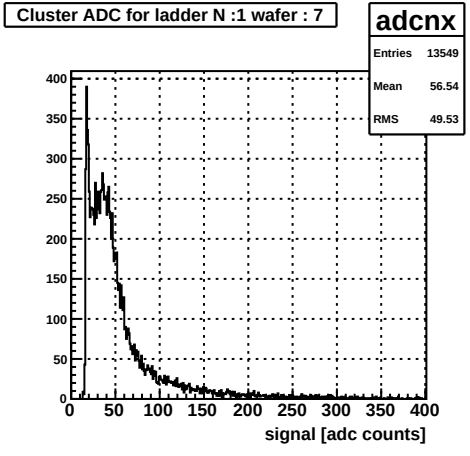

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 28468
Mean 52.83
RMS 49.56
signal [adc counts]

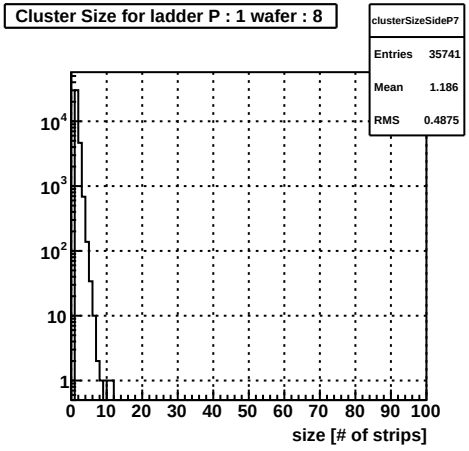

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 23403
Mean 1.228
RMS 0.564
size [# of strips]

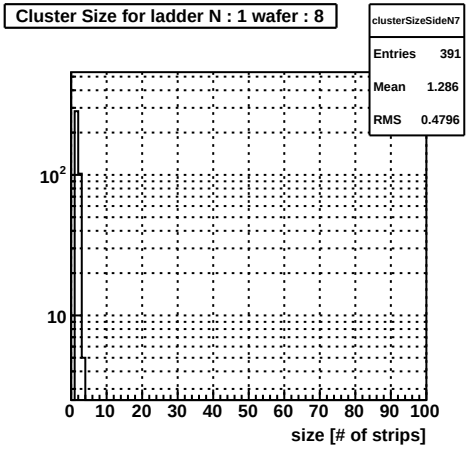

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 13549
Mean 1.476
RMS 0.7512
size [# of strips]

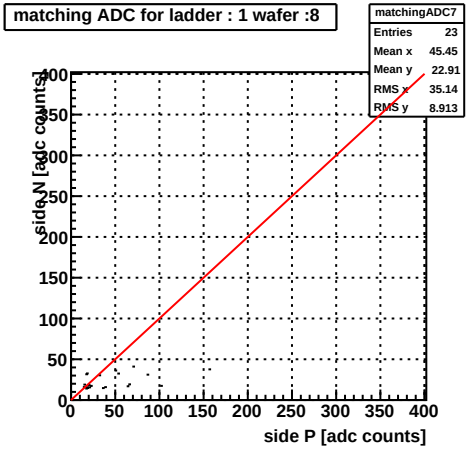

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 6672
Mean x 72.47
Mean y 53.07
RMS x 57.61
RMS y 43.29
side N [adc counts]
side P [adc counts]

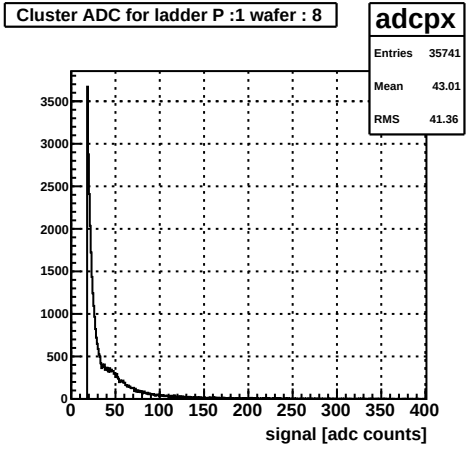

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 23403
Mean 51.09
RMS 50.44
signal [adc counts]

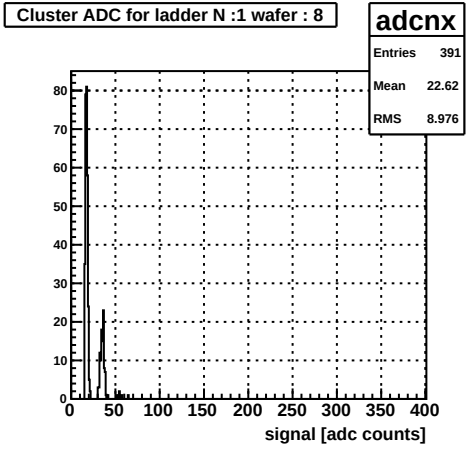

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 13549
Mean 56.54
RMS 49.53
signal [adc counts]

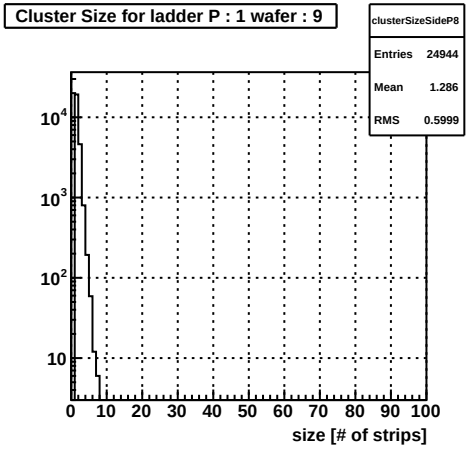

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 35741
Mean 1.186
RMS 0.4875
size [# of strips]

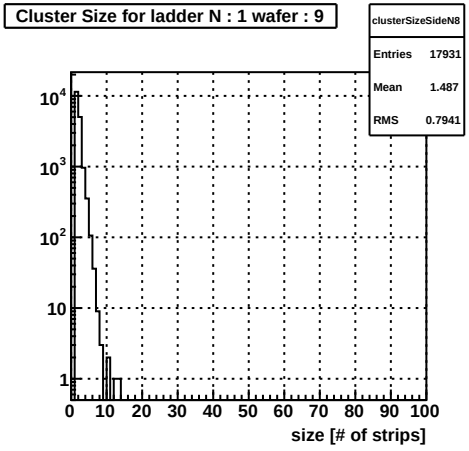

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 391
Mean 1.286
RMS 0.4796
size [# of strips]

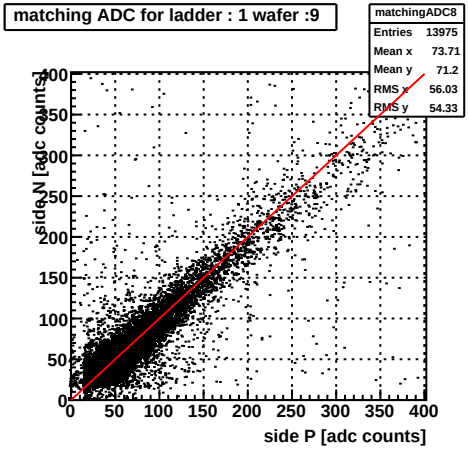

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 23
Mean x 45.45
Mean y 22.91
RMS x 35.14
RMS y 8.913
side N [adc counts]
side P [adc counts]

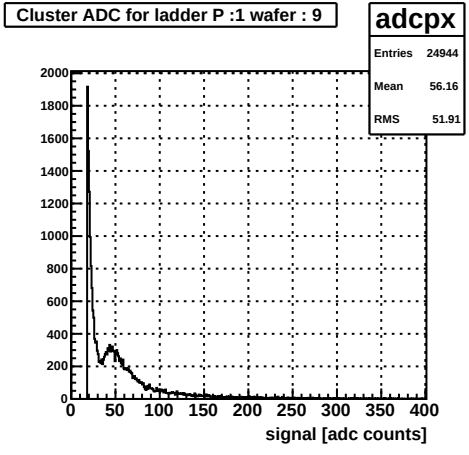

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 35741
Mean 43.01
RMS 41.36
signal [adc counts]

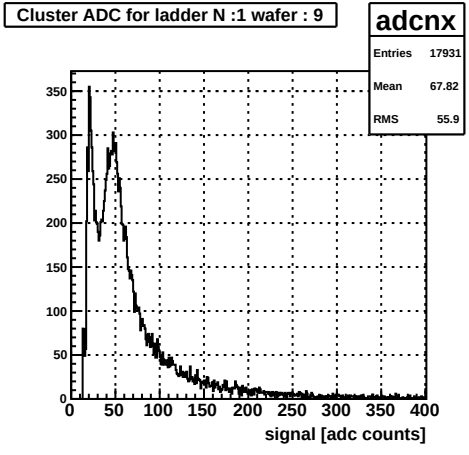

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 391
Mean 22.62
RMS 8.976
signal [adc counts]

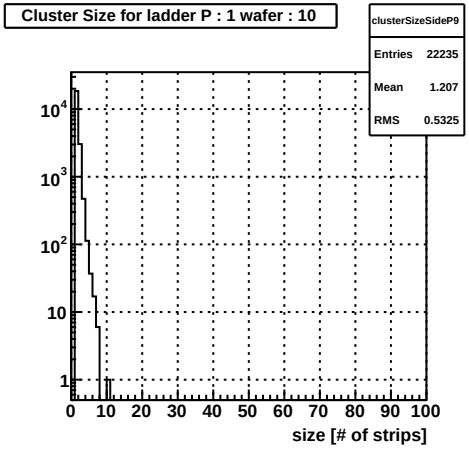

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 24944
Mean 1.286
RMS 0.5999
size [# of strips]

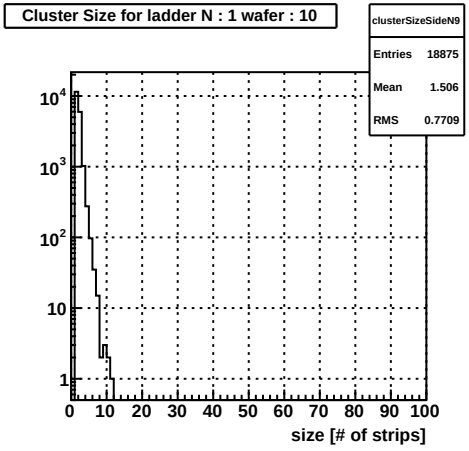

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 17931
Mean 1.487
RMS 0.7941
size [# of strips]

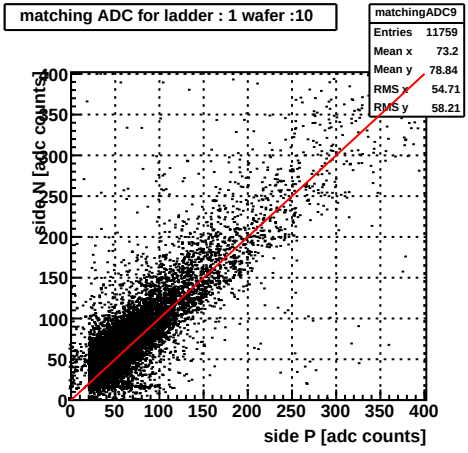

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 13975
Mean x 73.71
Mean y 71.2
RMS x 56.03
RMS y 54.33
side N [adc counts]
side P [adc counts]

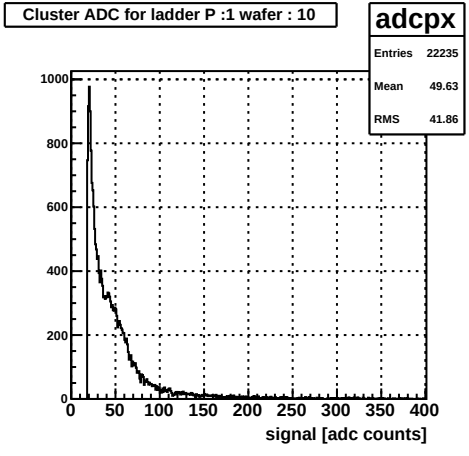

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 24944
Mean 56.16
RMS 51.91
signal [adc counts]

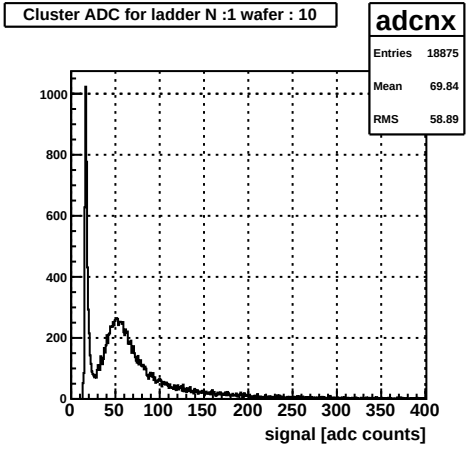

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 17931
Mean 67.82
RMS 55.9
signal [adc counts]

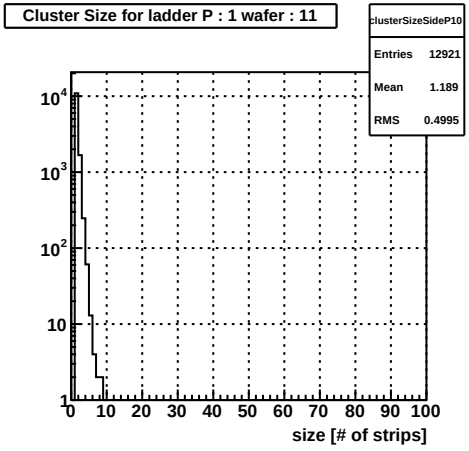

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 22235
Mean 1.207
RMS 0.5325
size [# of strips]

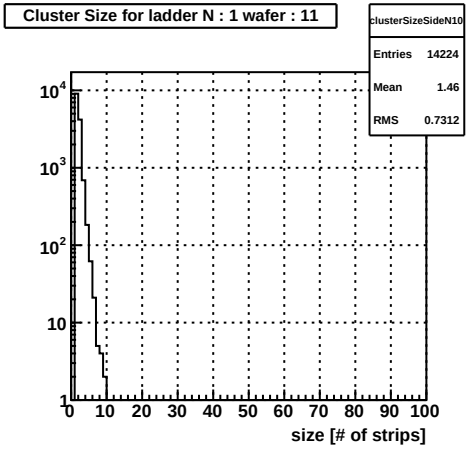

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 18875
Mean 1.506
RMS 0.7709
size [# of strips]

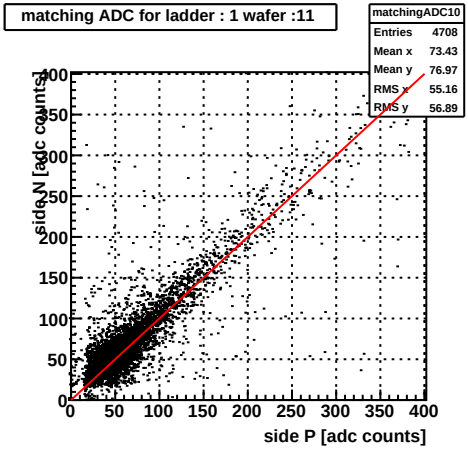

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 11759
Mean x 73.2
Mean y 78.84
RMS x 54.71
RMS y 58.21
side N [adc counts]
side P [adc counts]

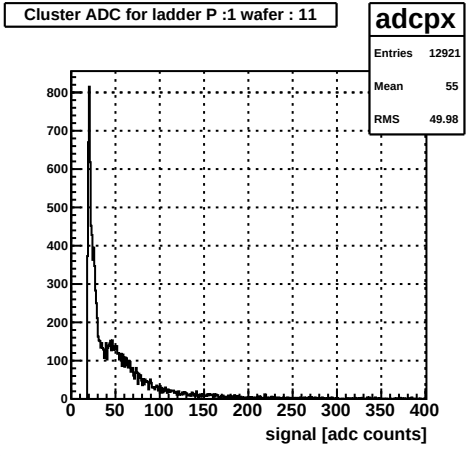

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 22235
Mean 49.63
RMS 41.86
signal [adc counts]

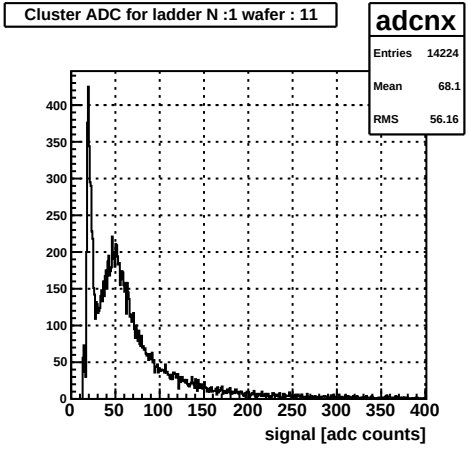

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 18875
Mean 69.84
RMS 58.89
signal [adc counts]

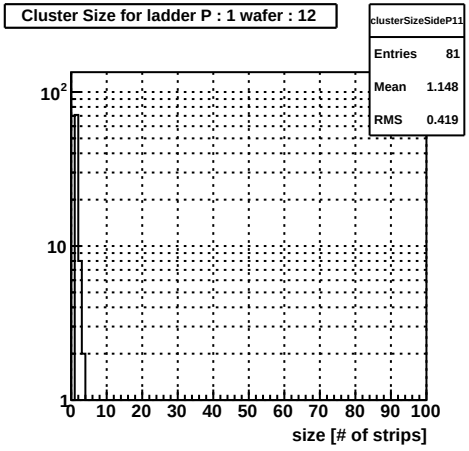

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 12921
Mean 1.189
RMS 0.4995
size [# of strips]

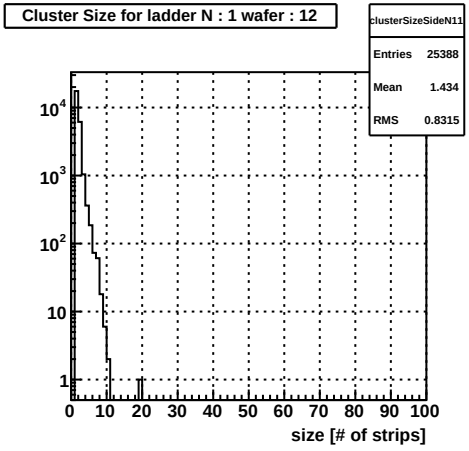

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 14224
Mean 1.46
RMS 0.7312
size [# of strips]

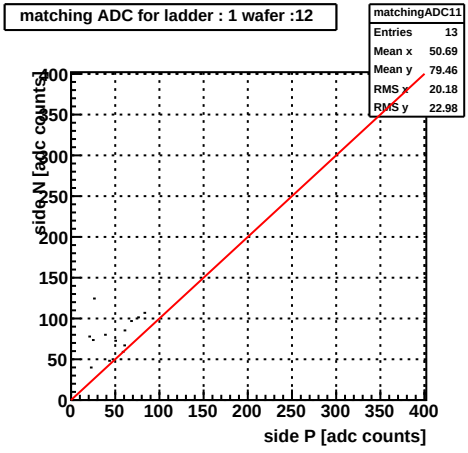

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 4708
Mean x 73.43
Mean y 76.97
RMS x 55.16
RMS y 56.89
side N [adc counts]
side P [adc counts]

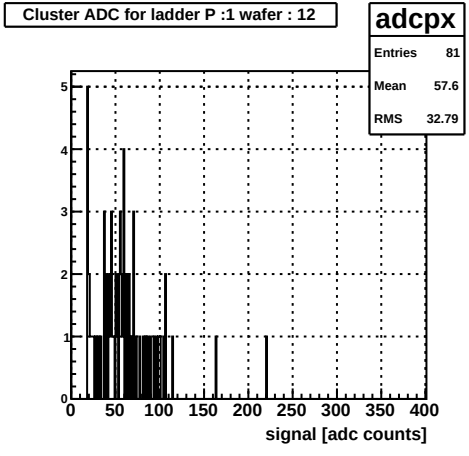

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 12921
Mean 55
RMS 49.98
signal [adc counts]

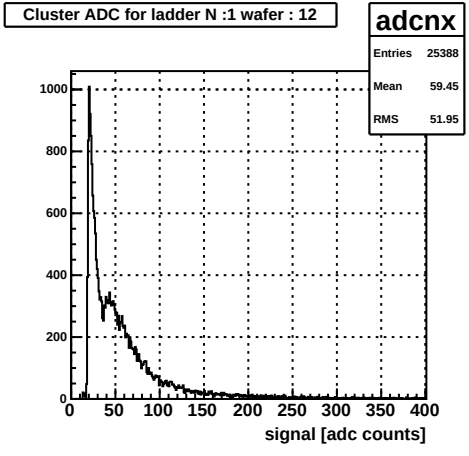

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 14224
Mean 68.1
RMS 56.16
signal [adc counts]

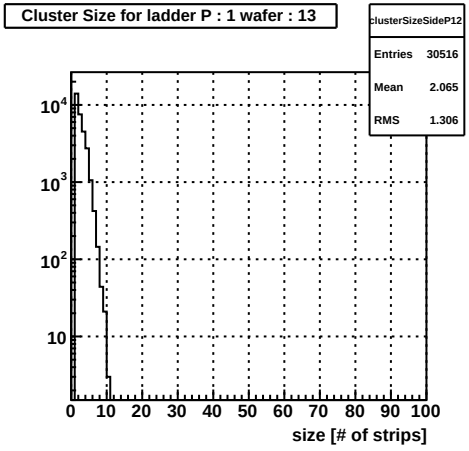

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 81
Mean 1.148
RMS 0.419
size [# of strips]

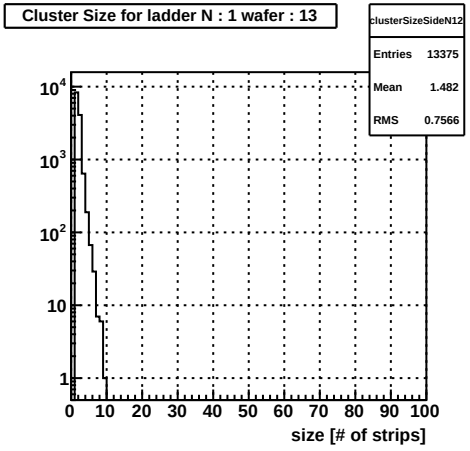

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 25388
Mean 1.434
RMS 0.8315
size [# of strips]

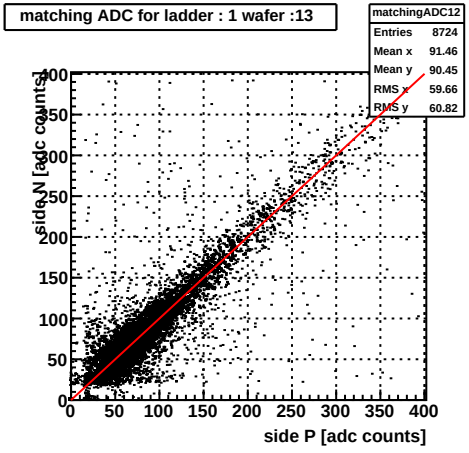

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 13
Mean x 50.69
Mean y 79.46
RMS x 20.18
RMS y 22.98
side N [adc counts]
side P [adc counts]

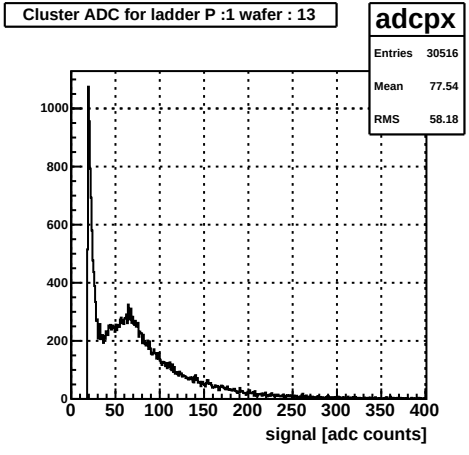

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 81
Mean 57.6
RMS 32.79
signal [adc counts]

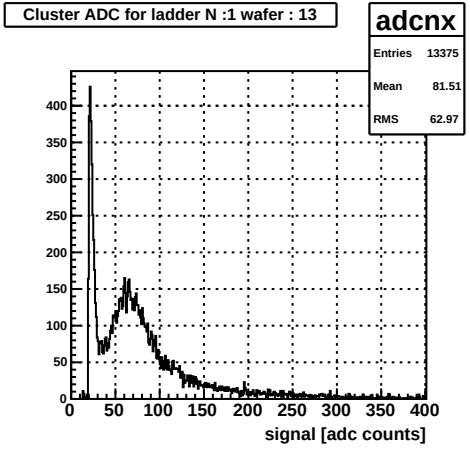

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 25388
Mean 59.45
RMS 51.95
signal [adc counts]

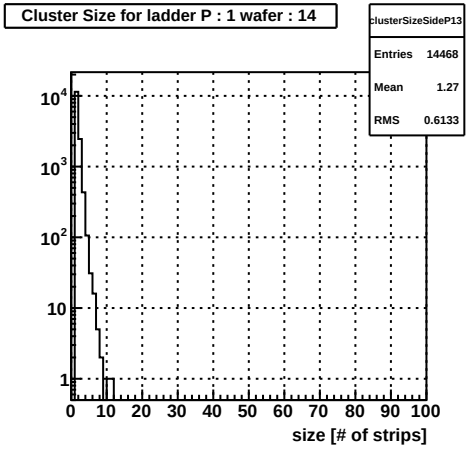

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 30516
Mean 2.065
RMS 1.306
size [# of strips]

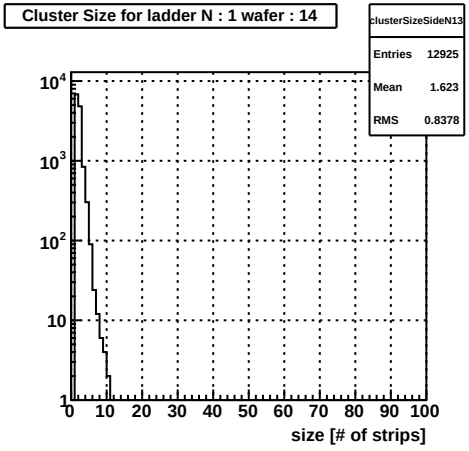

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 13375
Mean 1.482
RMS 0.7566
size [# of strips]

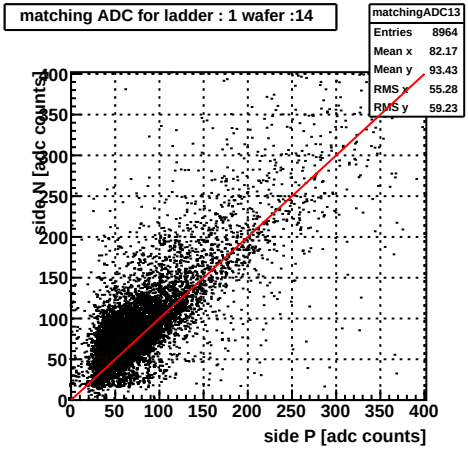

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 8724
Mean x 91.46
Mean y 90.45
RMS x 59.66
RMS y 60.82
side N [adc counts]
side P [adc counts]

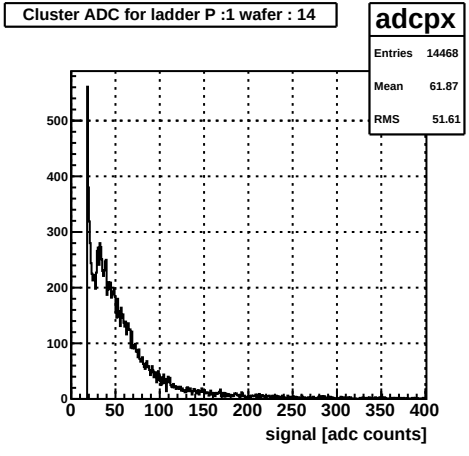

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 30516
Mean 77.54
RMS 58.18
signal [adc counts]

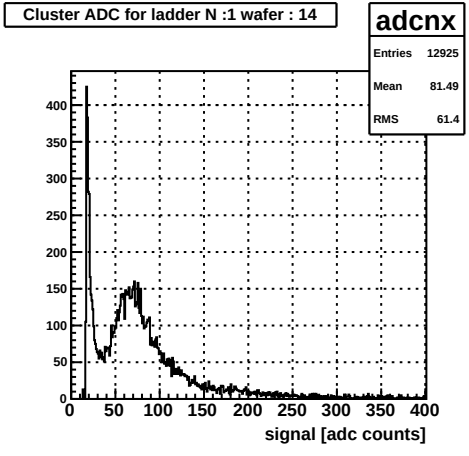

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 13375
Mean 81.51
RMS 62.97
signal [adc counts]

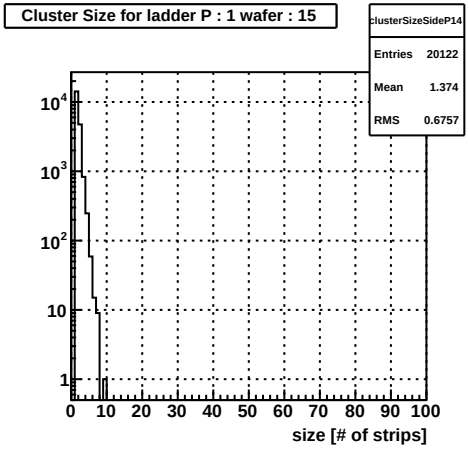

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 14468
Mean 1.27
RMS 0.6133
size [# of strips]

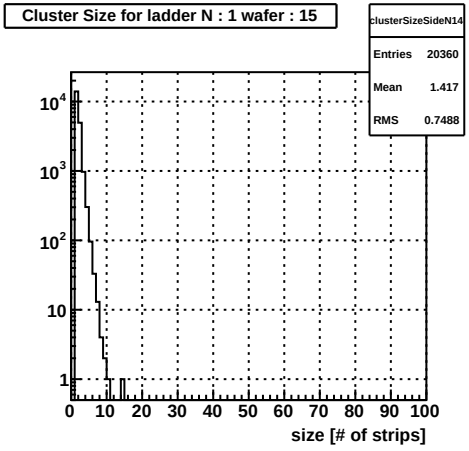

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 12925
Mean 1.623
RMS 0.8378
size [# of strips]

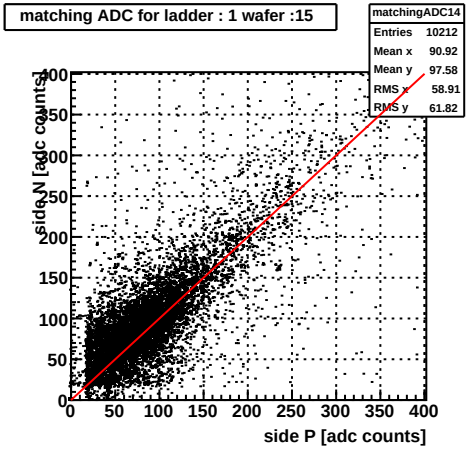

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 8964
Mean x 82.17
Mean y 93.43
RMS x 55.28
RMS y 59.23
side N [adc counts]
side P [adc counts]

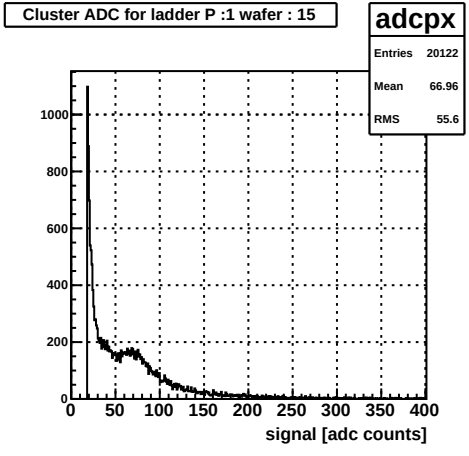

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 14468
Mean 61.87
RMS 51.61
signal [adc counts]

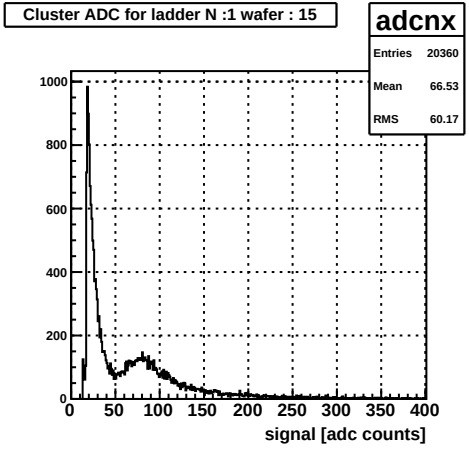

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 12925
Mean 81.49
RMS 61.4
signal [adc counts]

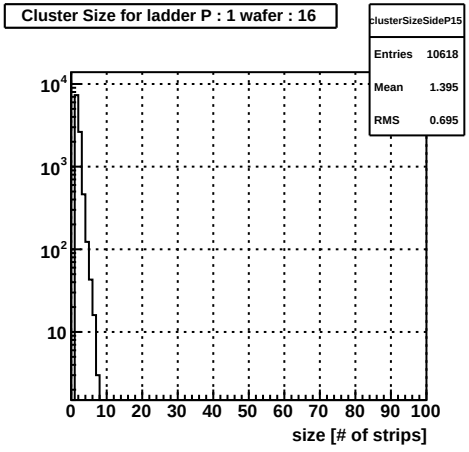

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 20122
Mean 1.374
RMS 0.6757
size [# of strips]

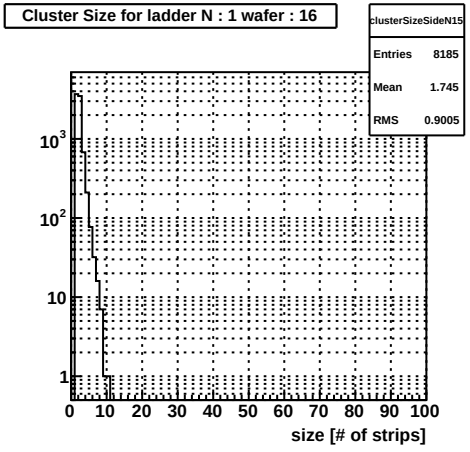

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 20360
Mean 1.417
RMS 0.7488
size [# of strips]

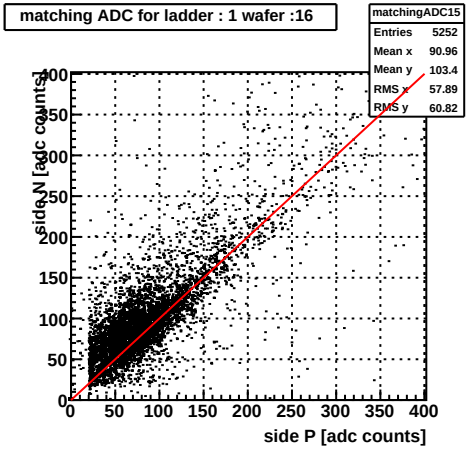

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 10212
Mean x 90.92
Mean y 97.58
RMS x 58.91
RMS y 61.82
side N [adc counts]
side P [adc counts]

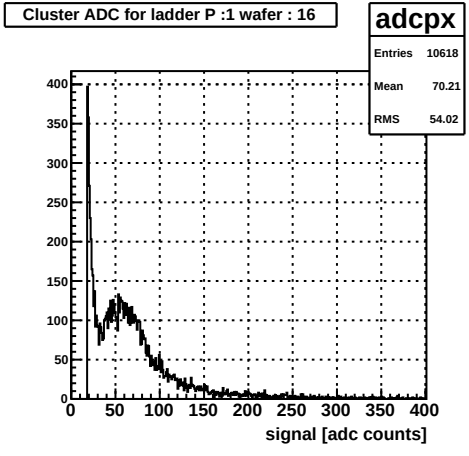

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 20122
Mean 66.96
RMS 55.6
signal [adc counts]

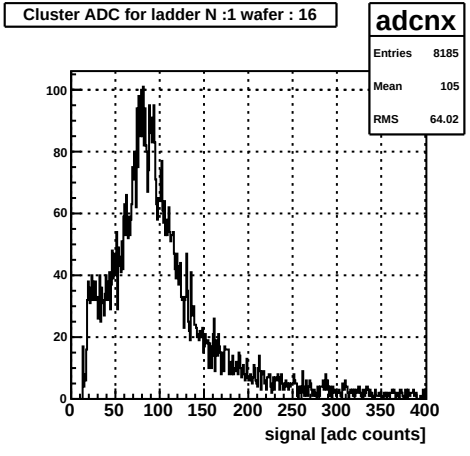

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 20360
Mean 66.53
RMS 60.17
signal [adc counts]

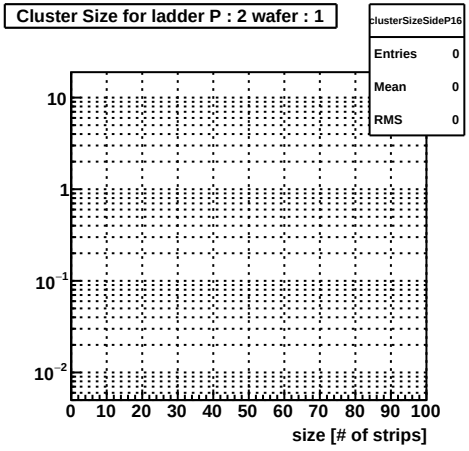

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 10618
Mean 1.395
RMS 0.695
size [# of strips]

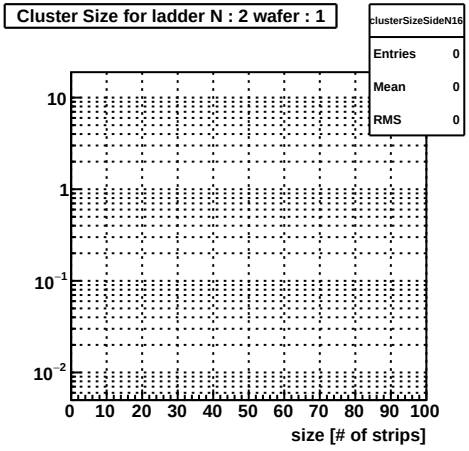

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 8185
Mean 1.745
RMS 0.9005
size [# of strips]

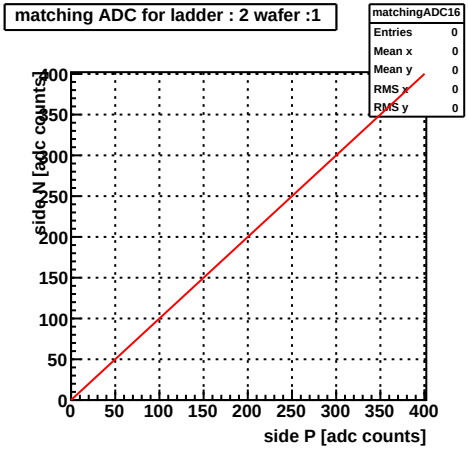

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 5252
Mean x 90.96
Mean y 103.4
RMS x 57.89
RMS y 60.82
side N [adc counts]
side P [adc counts]

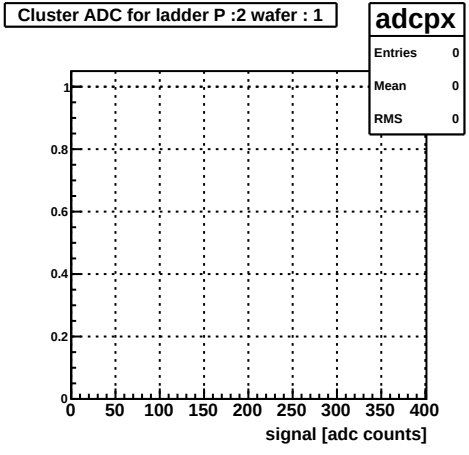

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 10618
Mean 70.21
RMS 54.02
signal [adc counts]

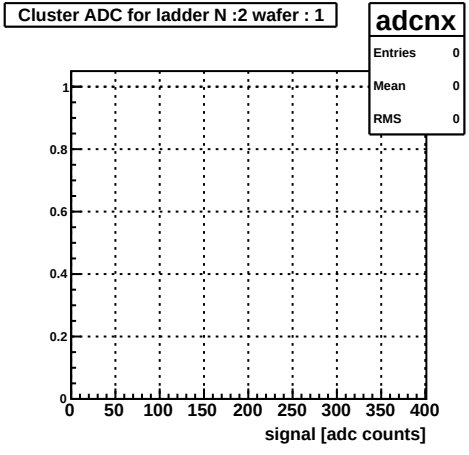

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 8185
Mean 105
RMS 64.02
signal [adc counts]

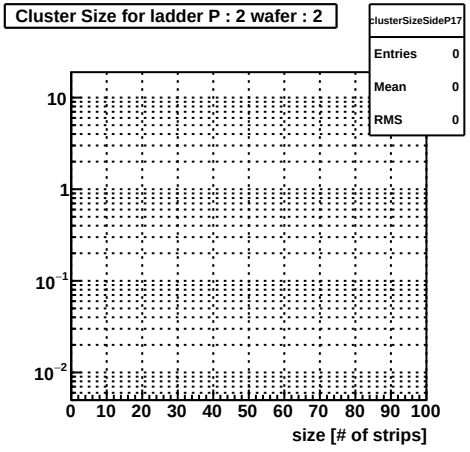

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

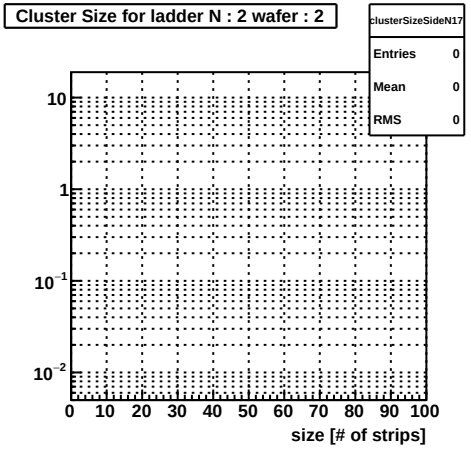

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

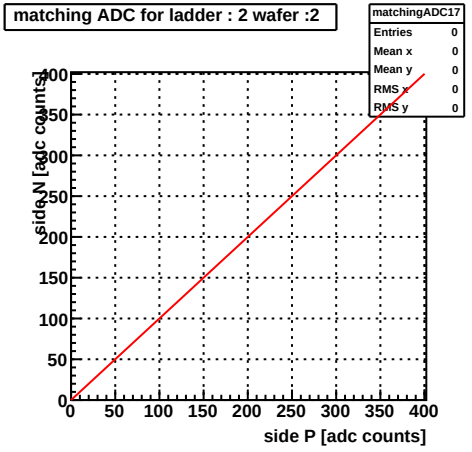

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

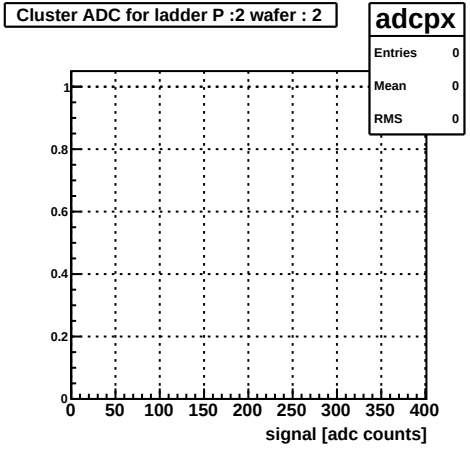

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

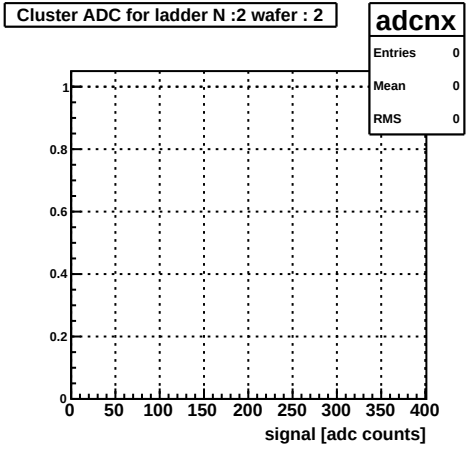

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

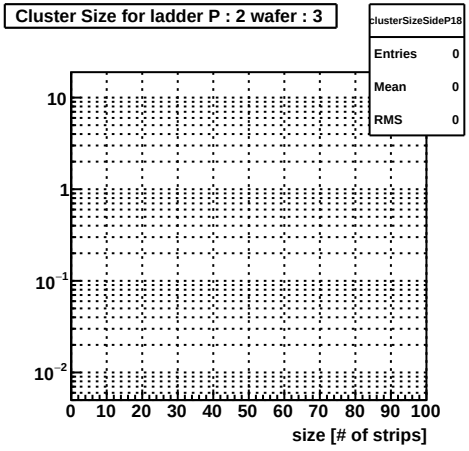

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

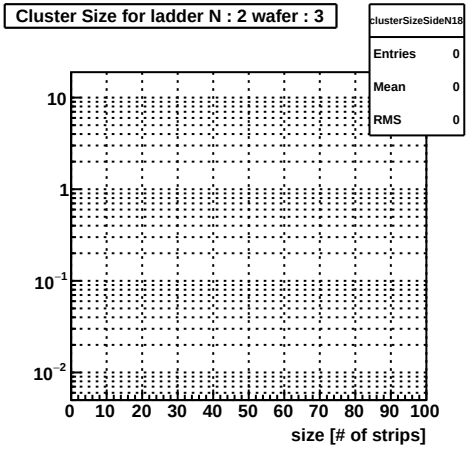

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

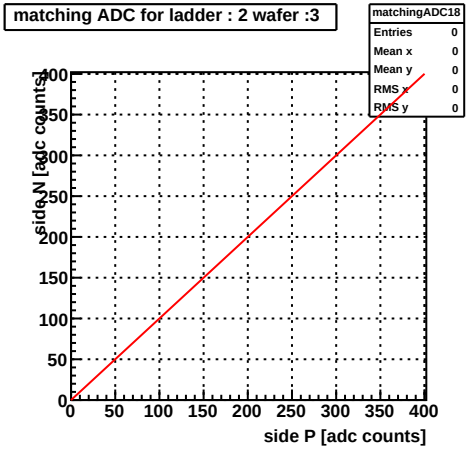

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

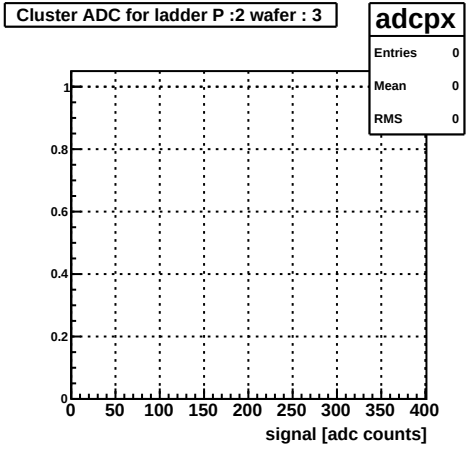

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

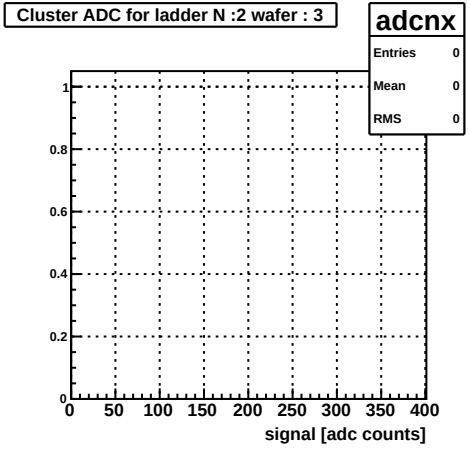

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

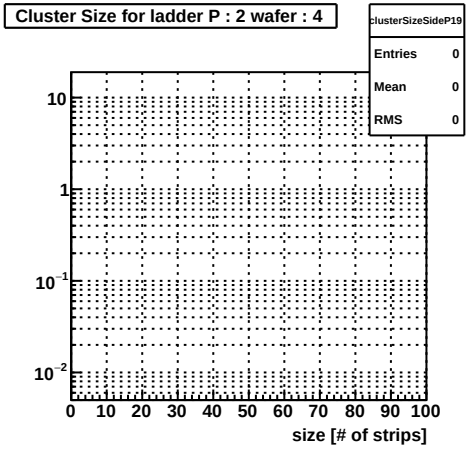

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

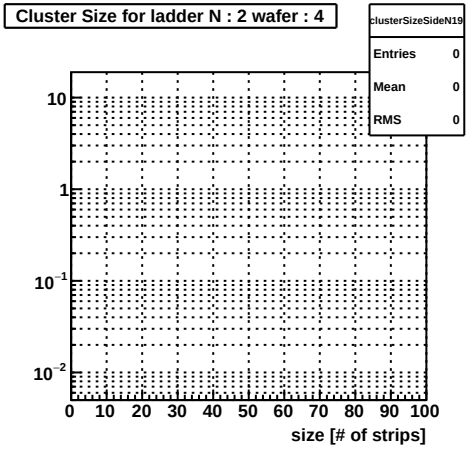

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

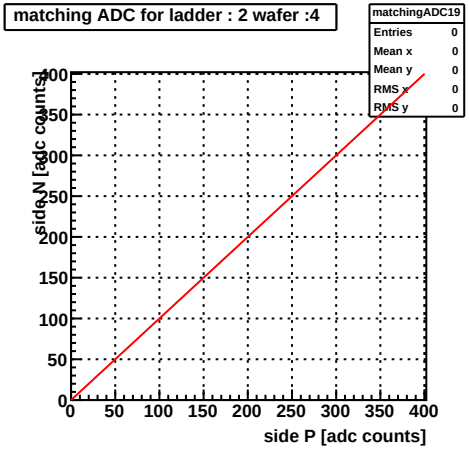

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

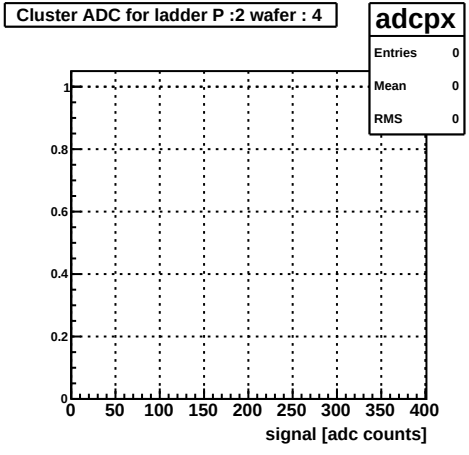

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

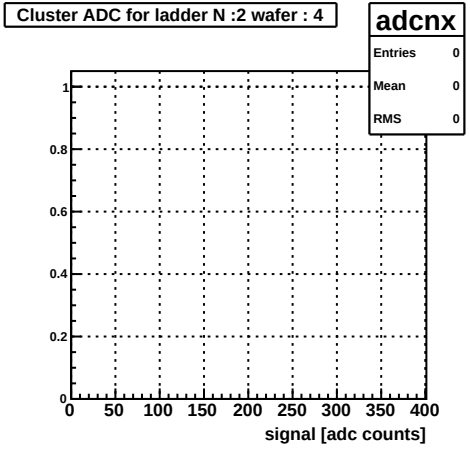

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

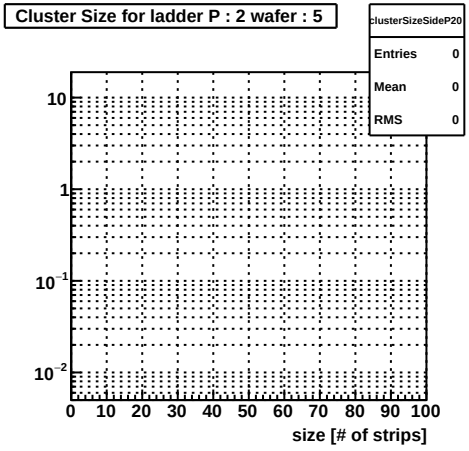

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

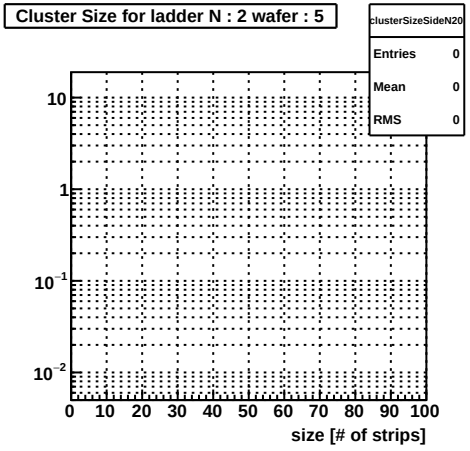

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

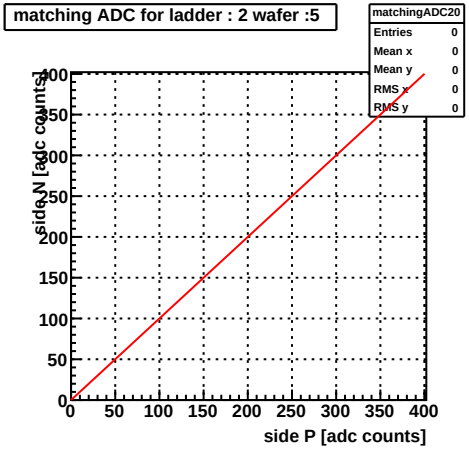

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

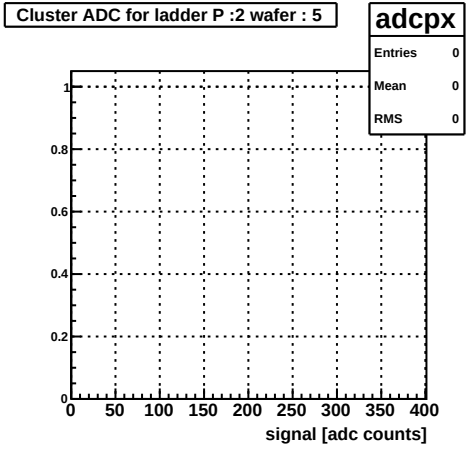

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

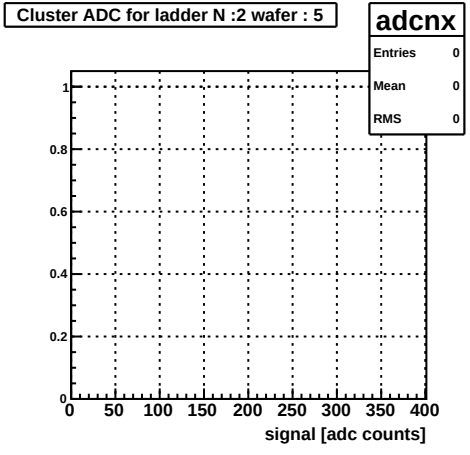

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

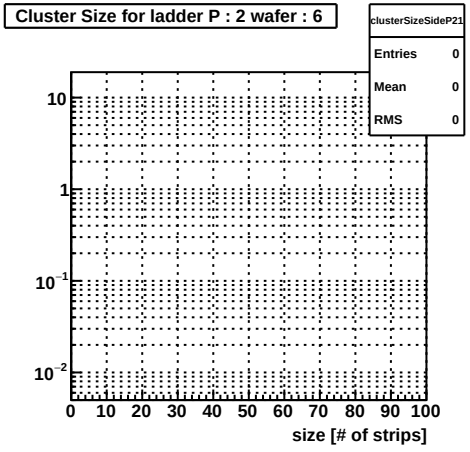

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

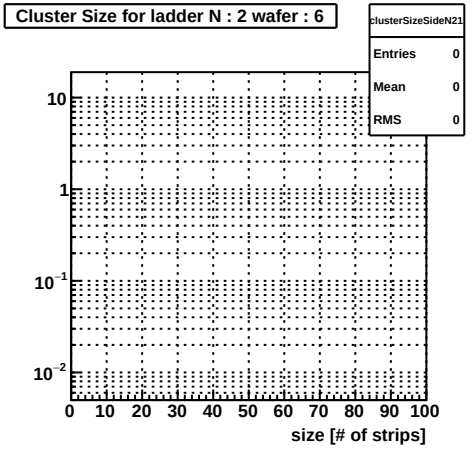

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

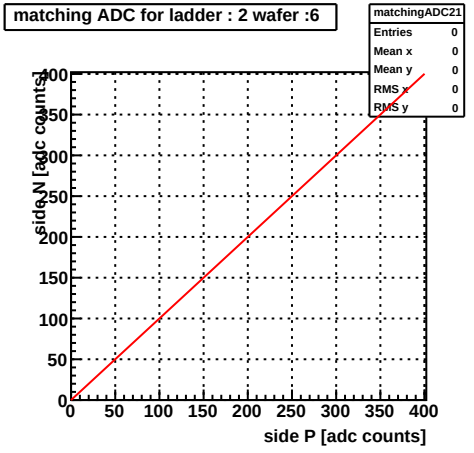

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

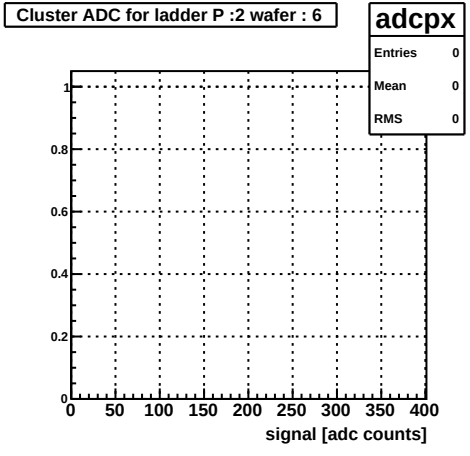

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

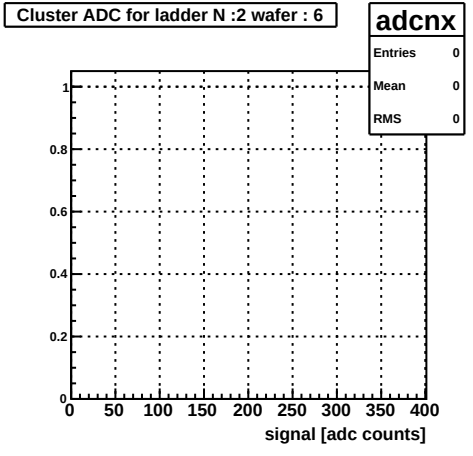

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

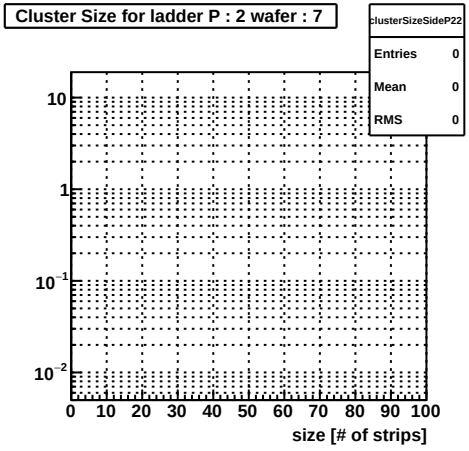

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

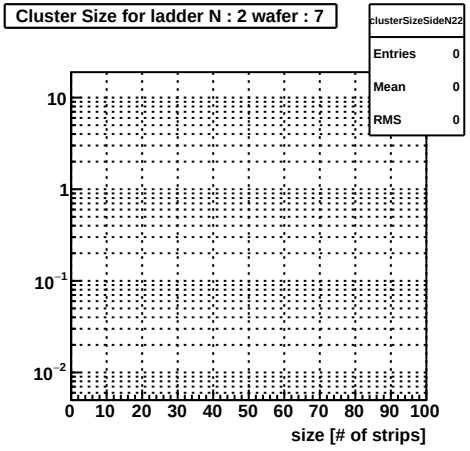

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

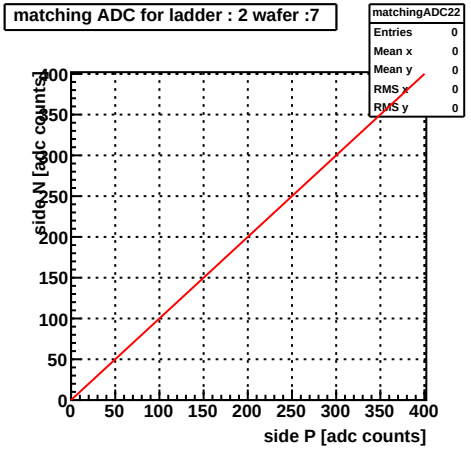

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

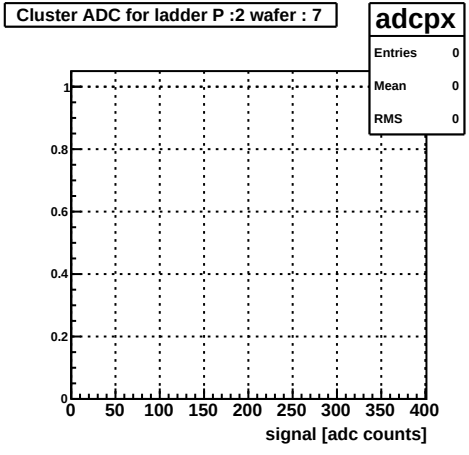

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

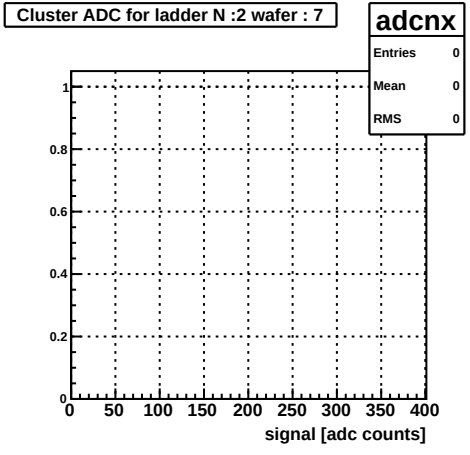

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

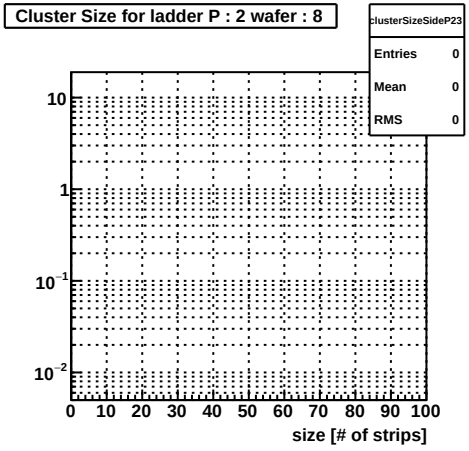

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

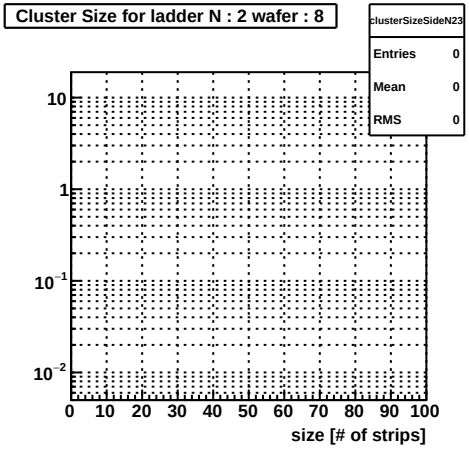

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

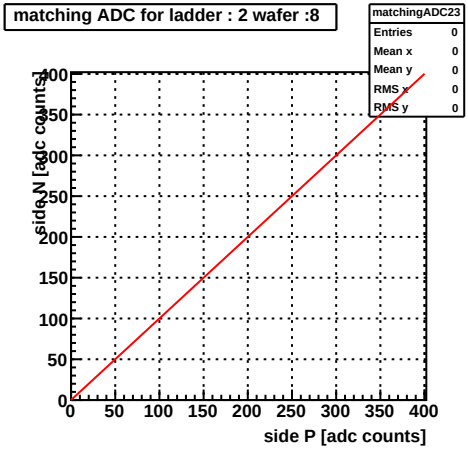

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

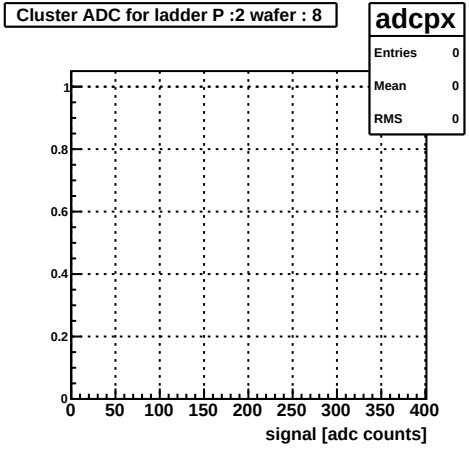

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

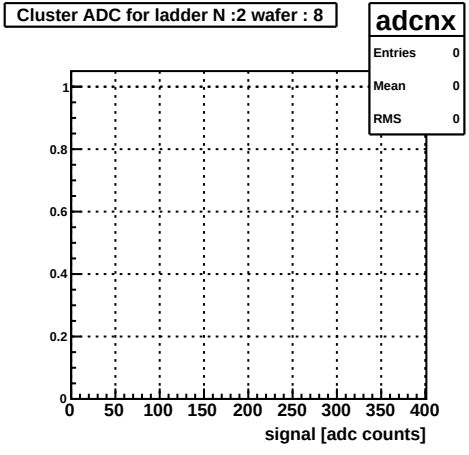

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

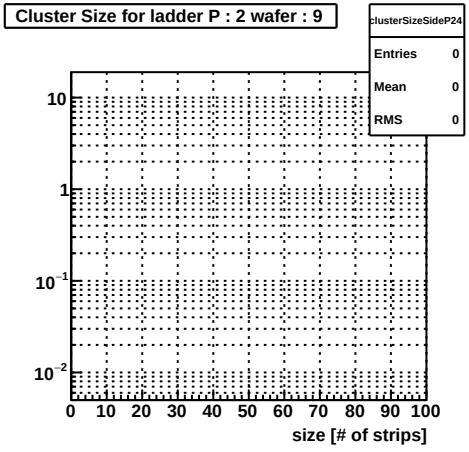

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

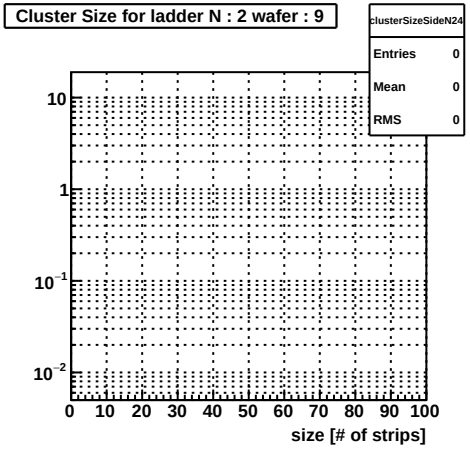

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

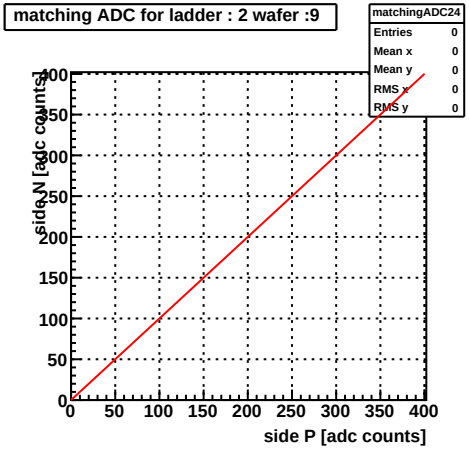

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

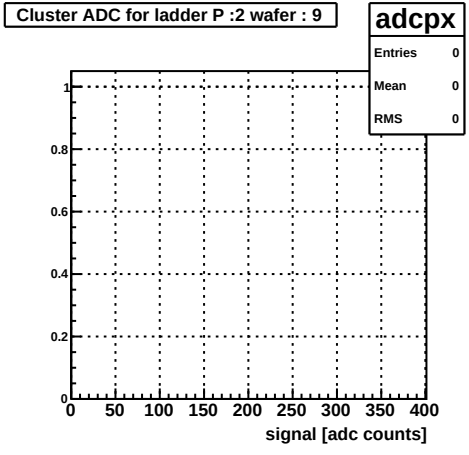

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

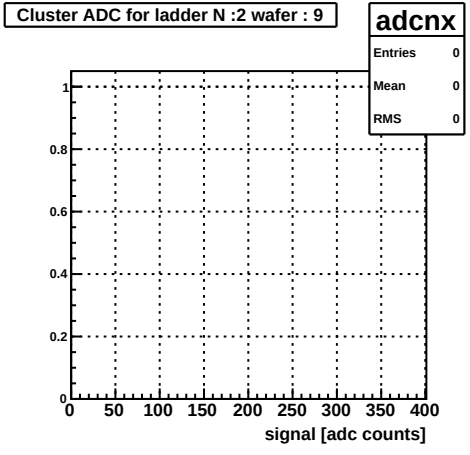

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

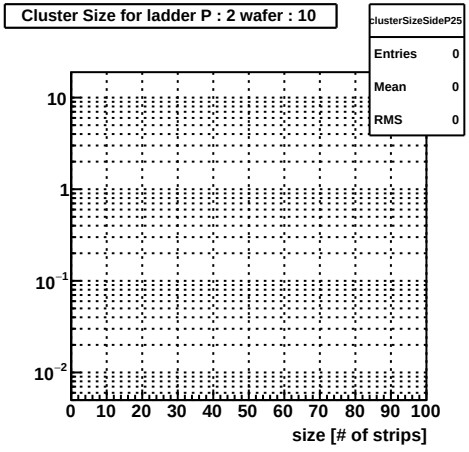

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

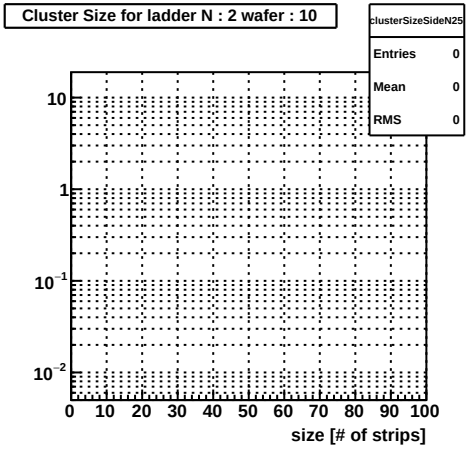

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

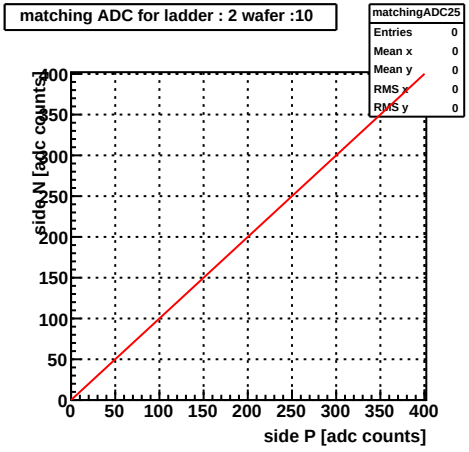

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

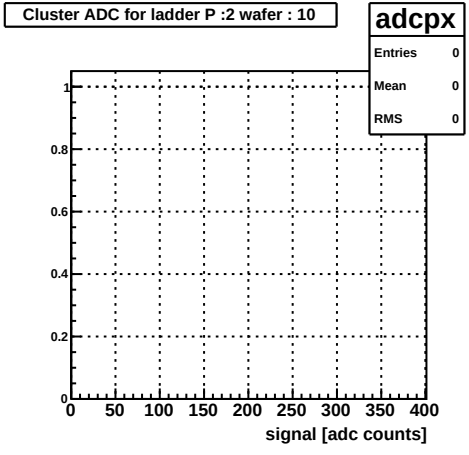

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

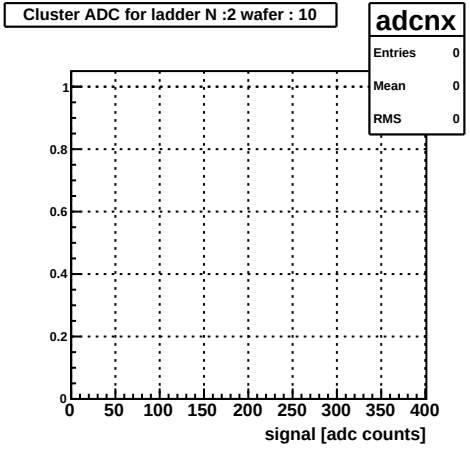

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

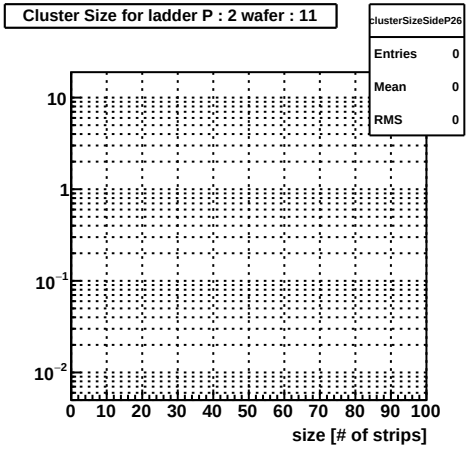

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

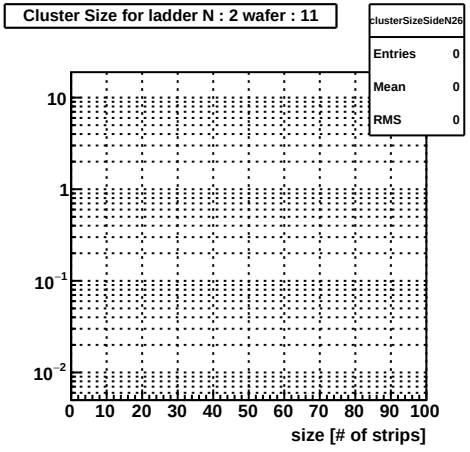

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

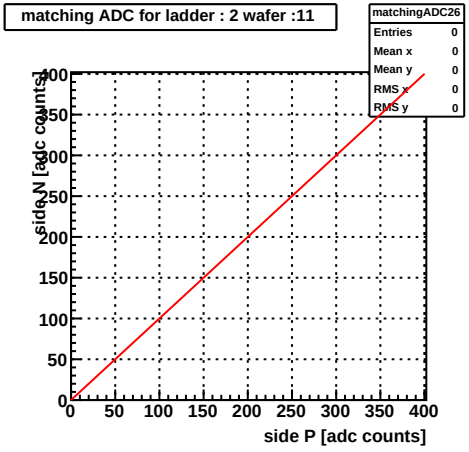

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

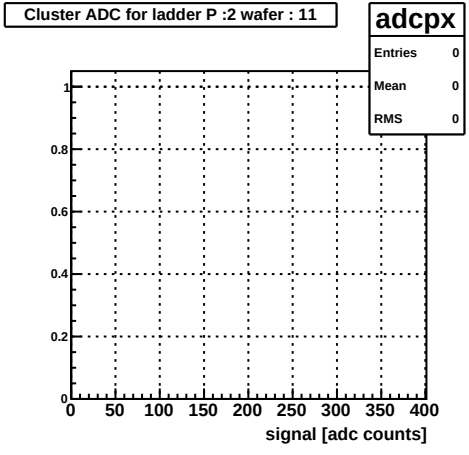

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

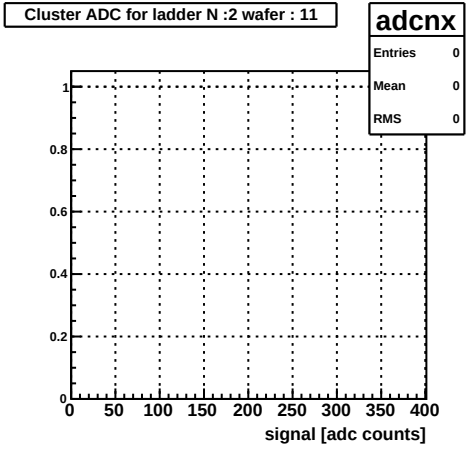

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

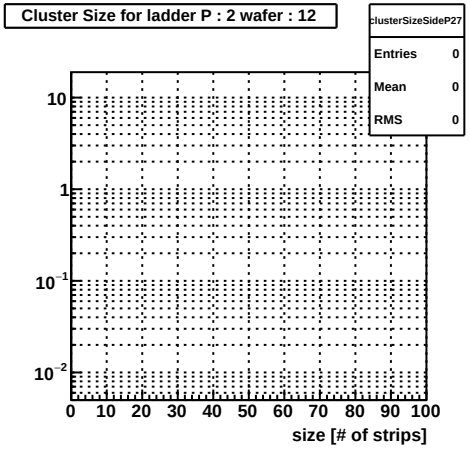

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

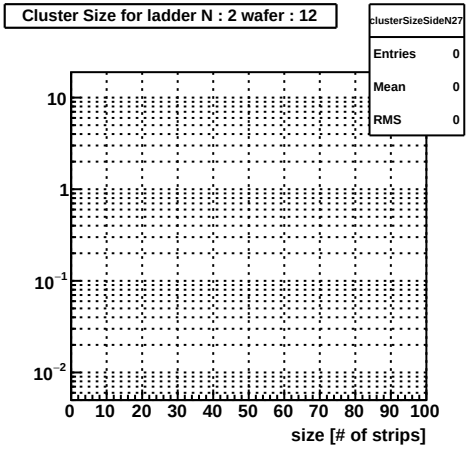

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

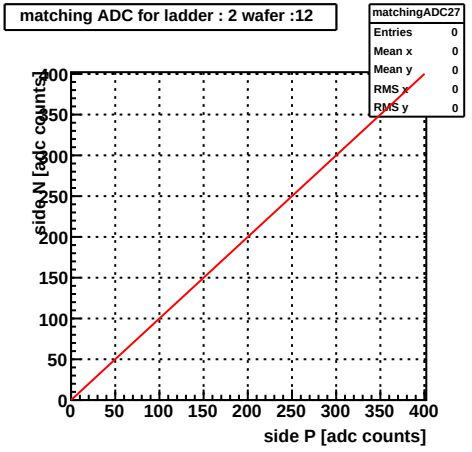

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

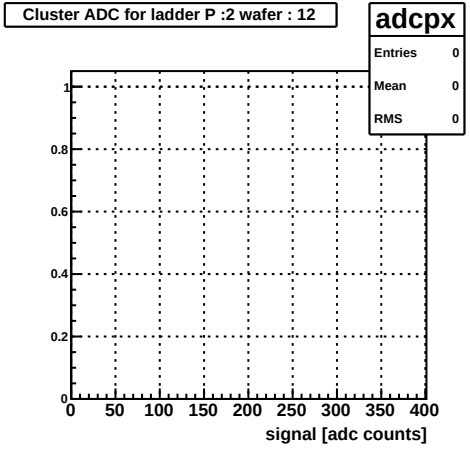

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

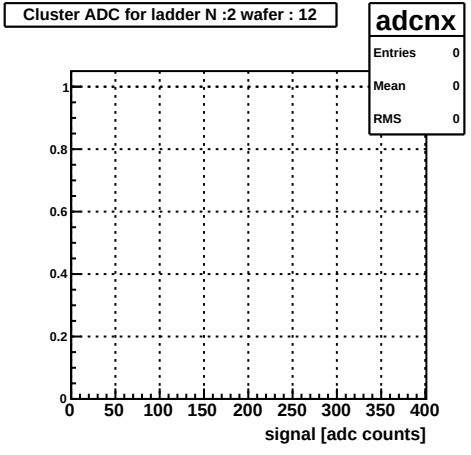

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

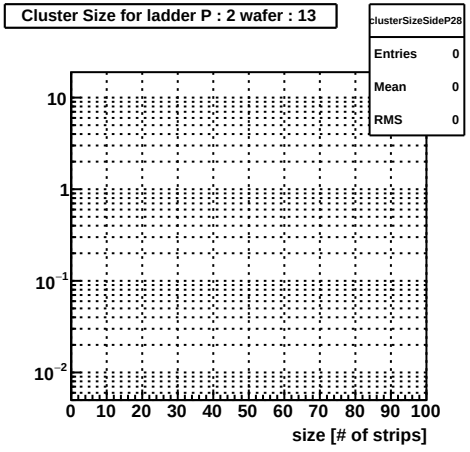

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

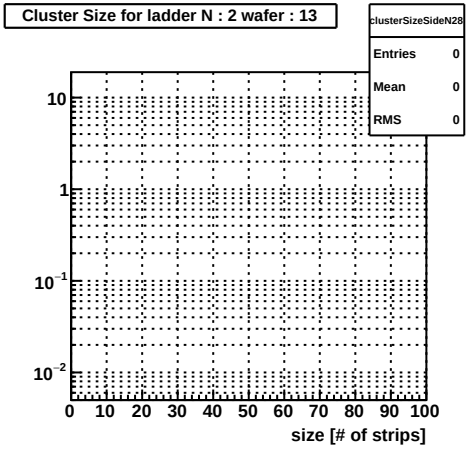

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

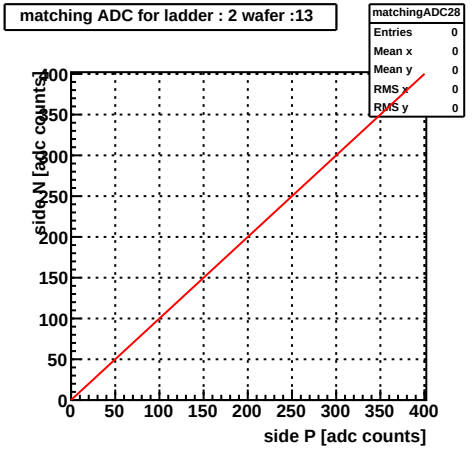

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

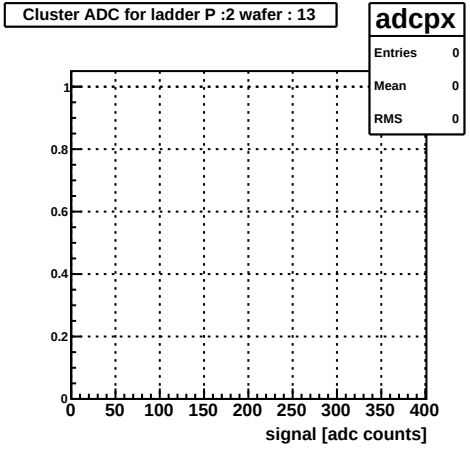

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

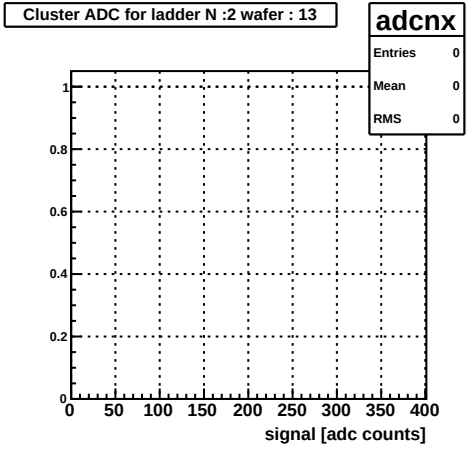

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

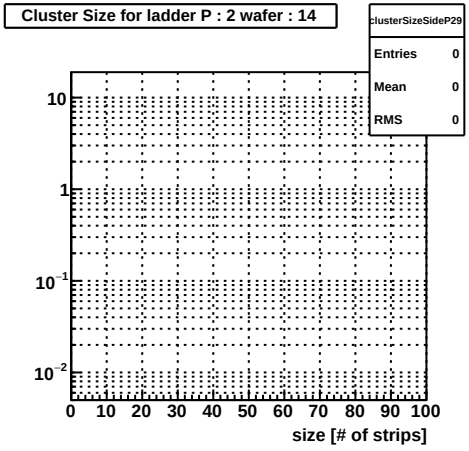

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

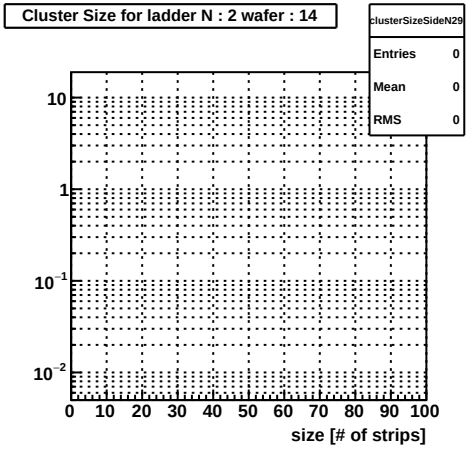

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

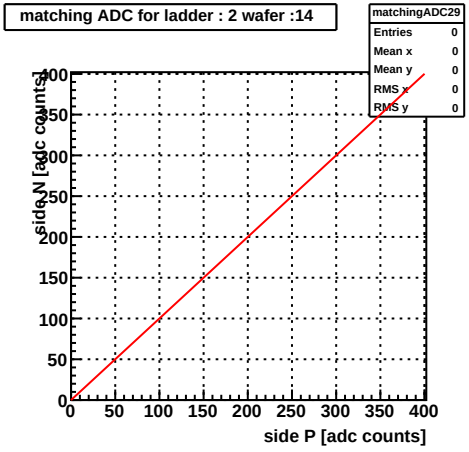

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

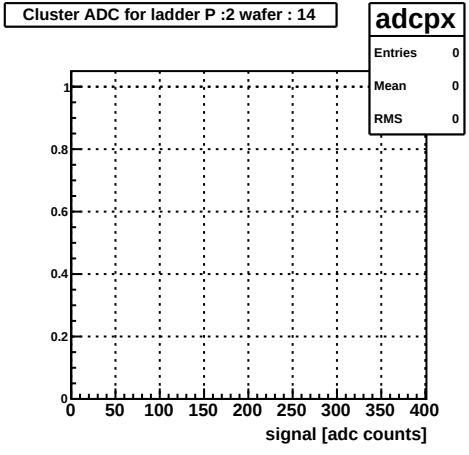

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

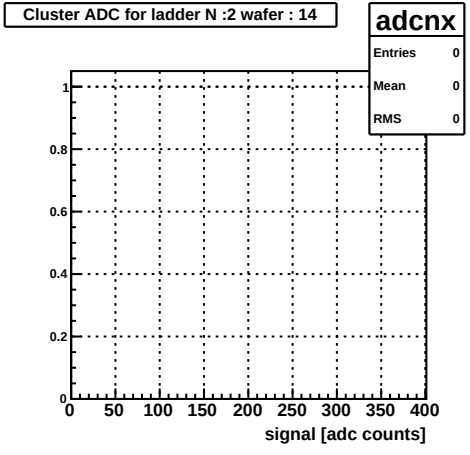

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

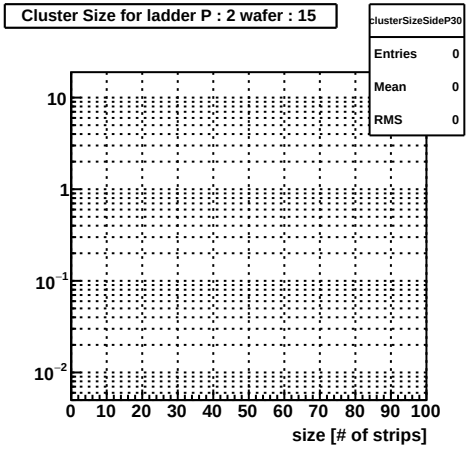

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

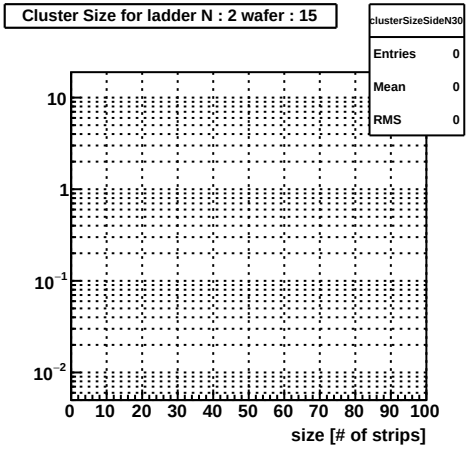

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

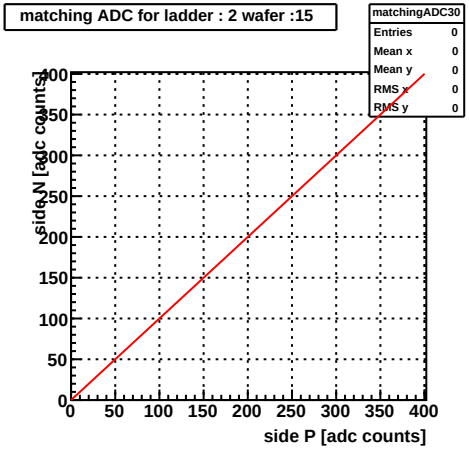

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

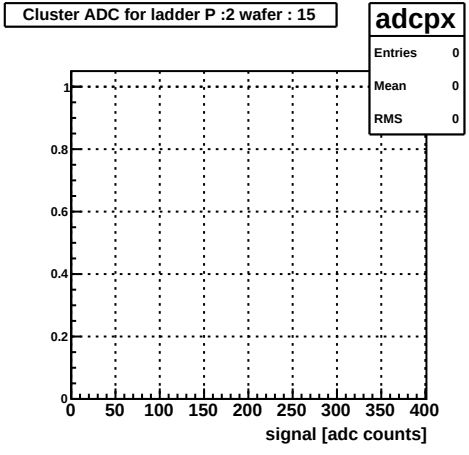

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

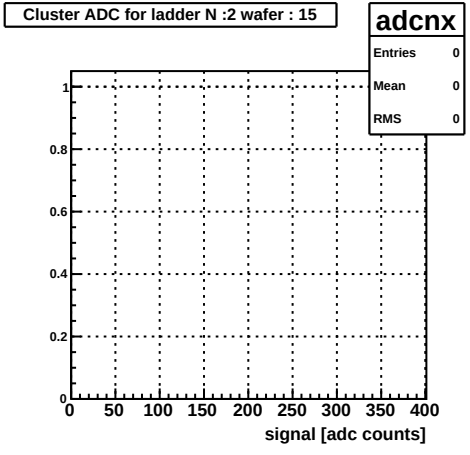

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

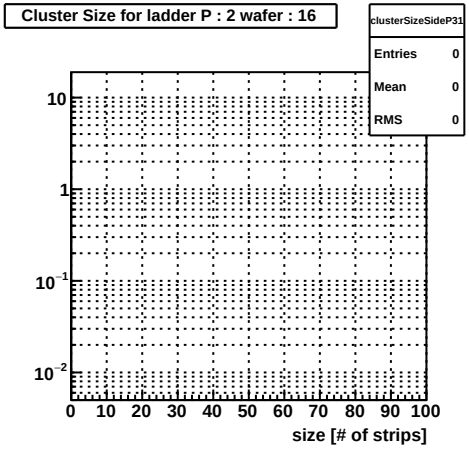

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

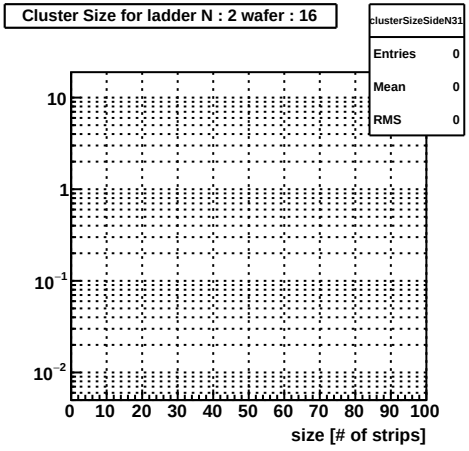

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

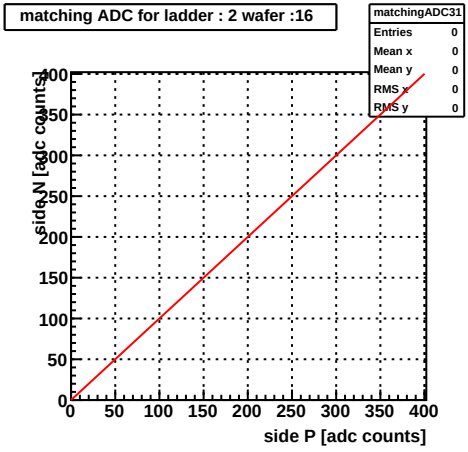

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

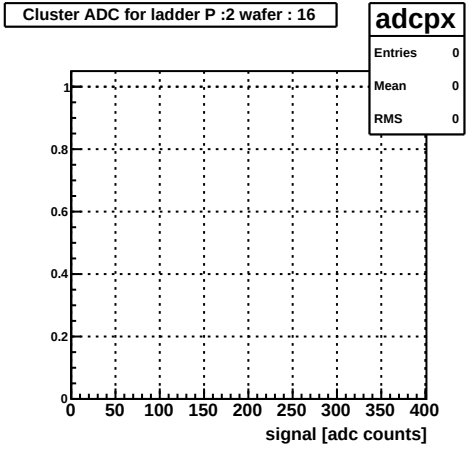

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

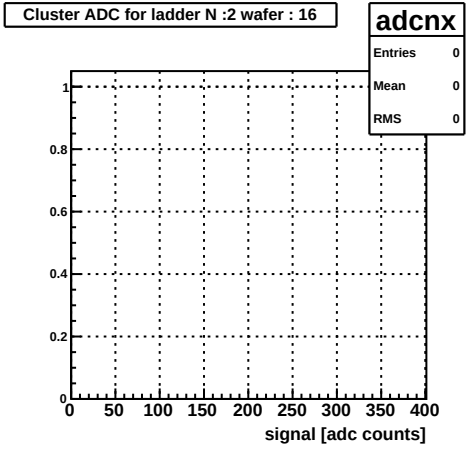

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

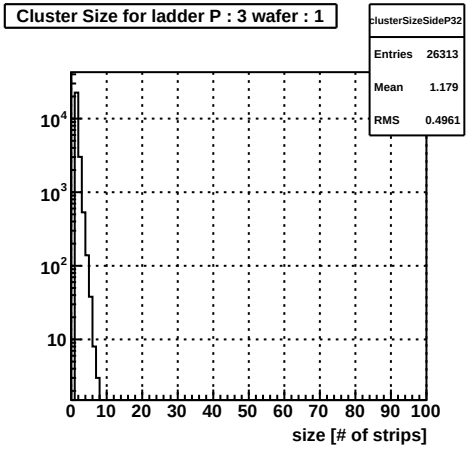

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

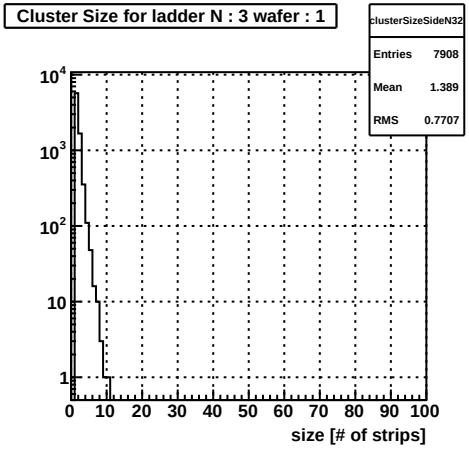

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

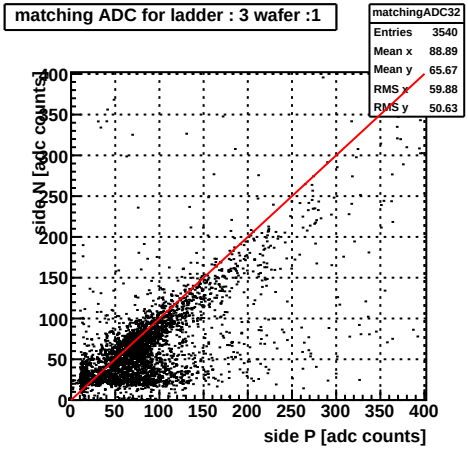

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

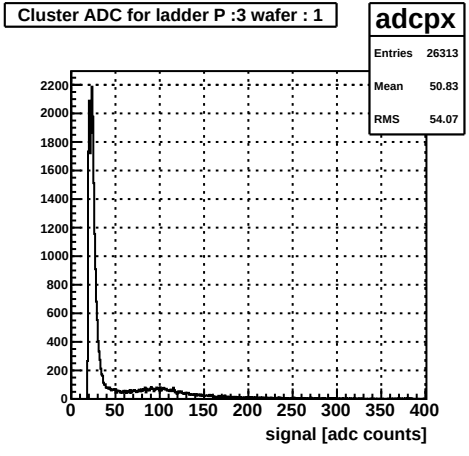

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

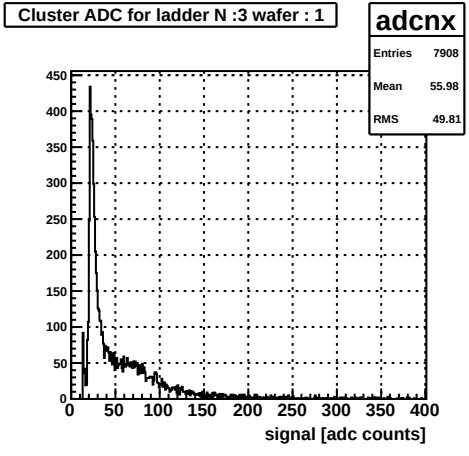

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

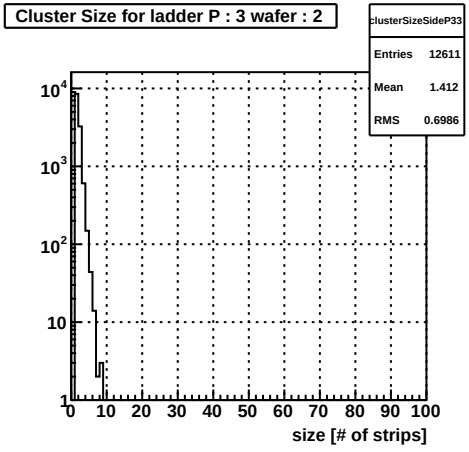

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 26313
Mean 1.179
RMS 0.4961
size [# of strips]

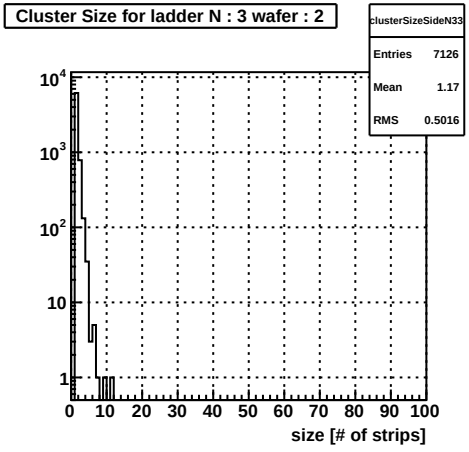

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 7908
Mean 1.389
RMS 0.7707
size [# of strips]

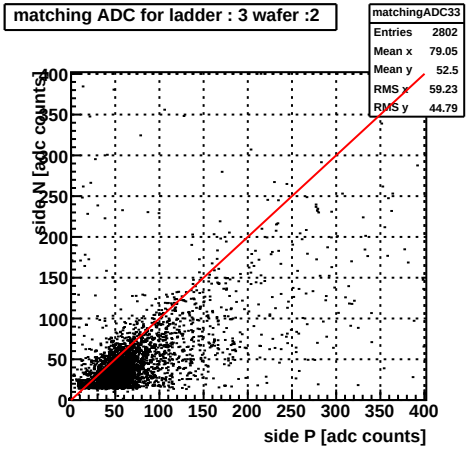

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3540
Mean x 88.89
Mean y 65.67
RMS x 59.88
RMS y 50.63
side N [adc counts]
side P [adc counts]

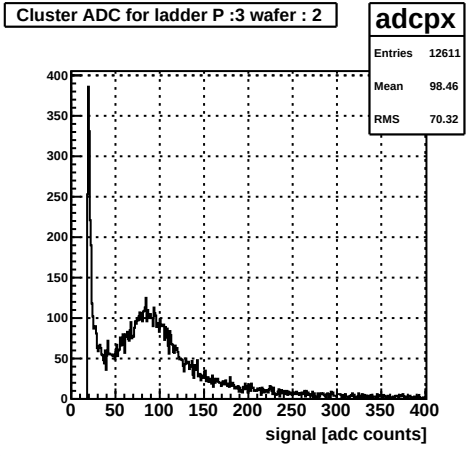

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 26313
Mean 50.83
RMS 54.07
signal [adc counts]

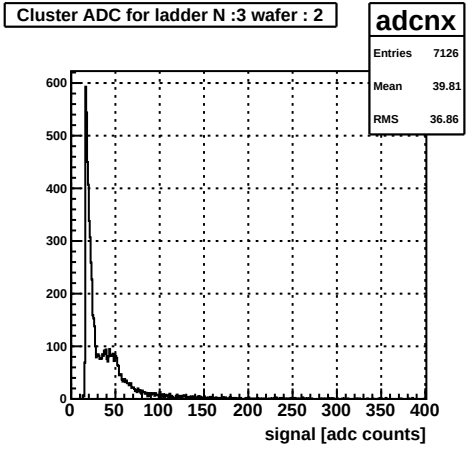

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 7908
Mean 55.98
RMS 49.81
signal [adc counts]

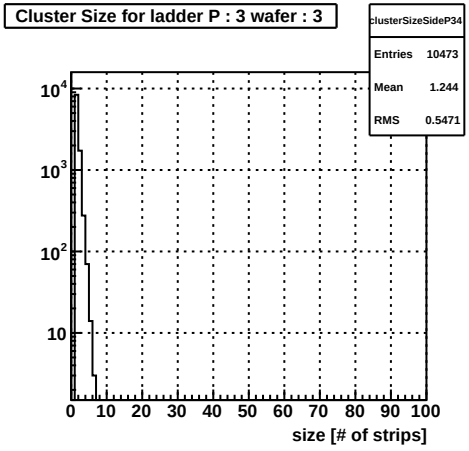

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 12611
Mean 1.412
RMS 0.6986
size [# of strips]

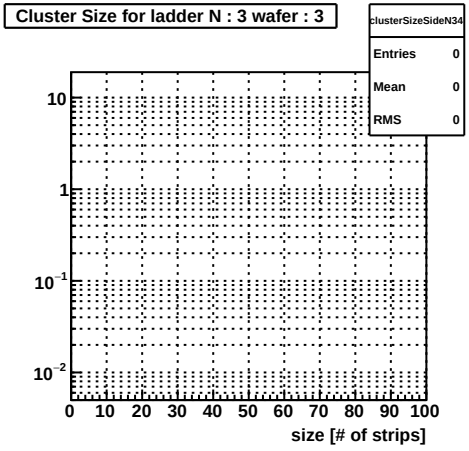

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 7126
Mean 1.17
RMS 0.5016
size [# of strips]

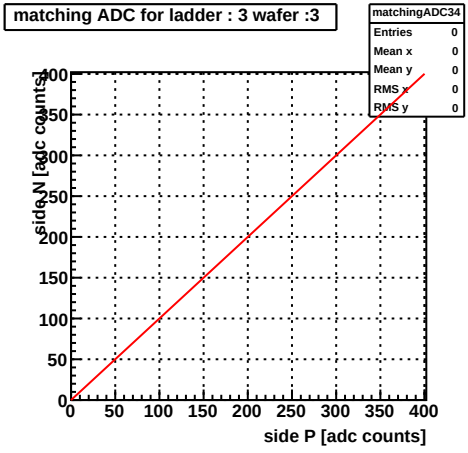

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2802
Mean x 79.05
Mean y 52.5
RMS x 59.23
RMS y 44.79
side N [adc counts]
side P [adc counts]

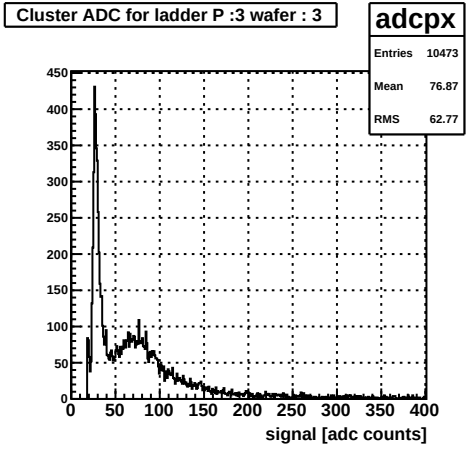

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 12611
Mean 98.46
RMS 70.32
signal [adc counts]

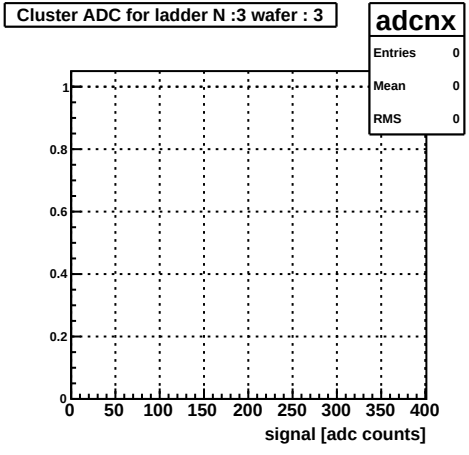

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 7126
Mean 39.81
RMS 36.86
signal [adc counts]

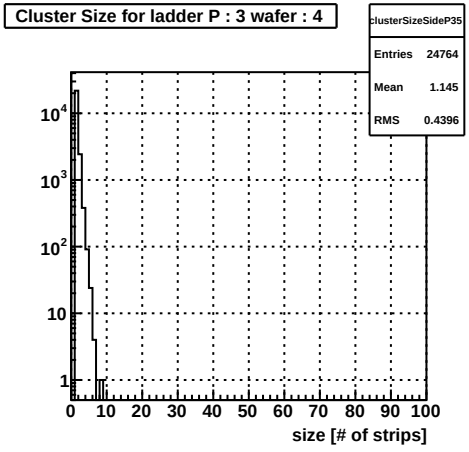

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 10473
Mean 1.244
RMS 0.5471
size [# of strips]

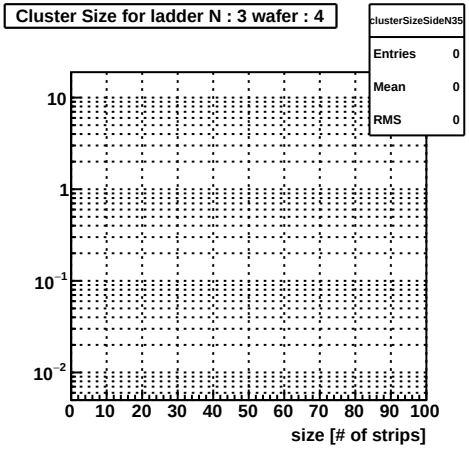

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

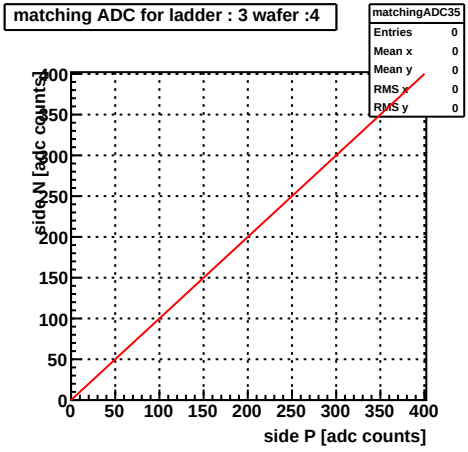

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

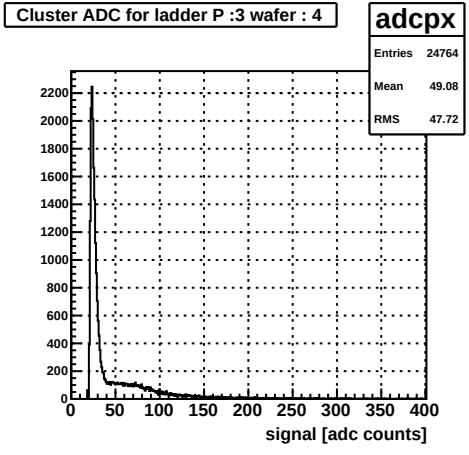

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 10473
Mean 76.87
RMS 62.77
signal [adc counts]

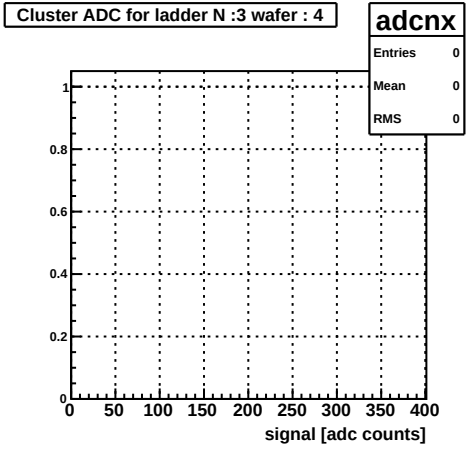

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

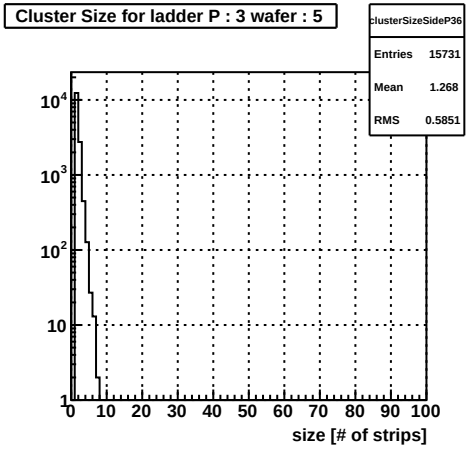

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 24764
Mean 1.145
RMS 0.4396
size [# of strips]

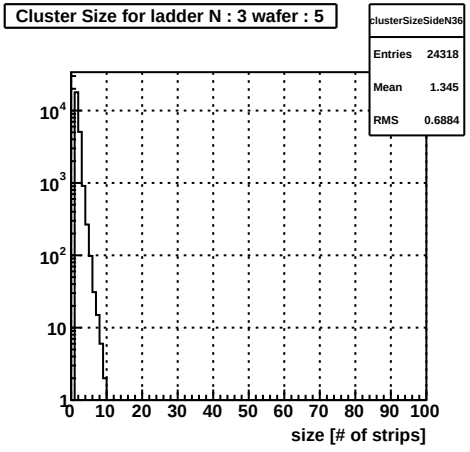

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

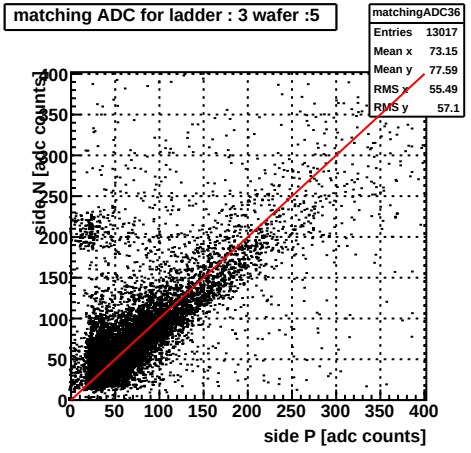

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

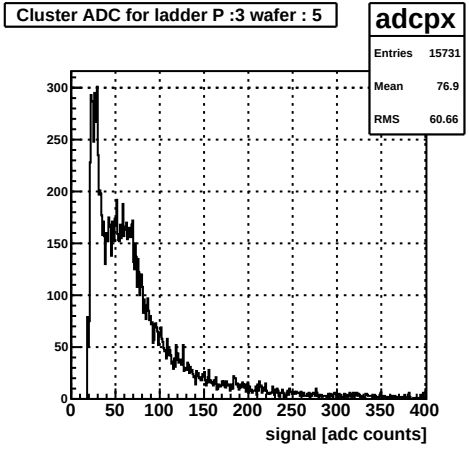

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 24764
Mean 49.08
RMS 47.72
signal [adc counts]

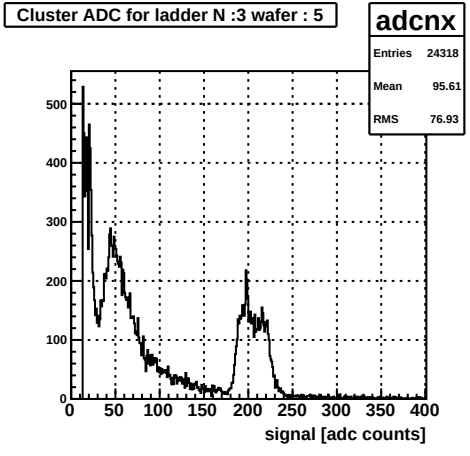

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

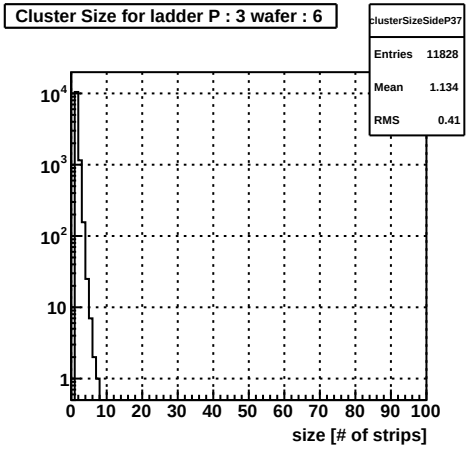

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 15731
Mean 1.268
RMS 0.5851
size [# of strips]

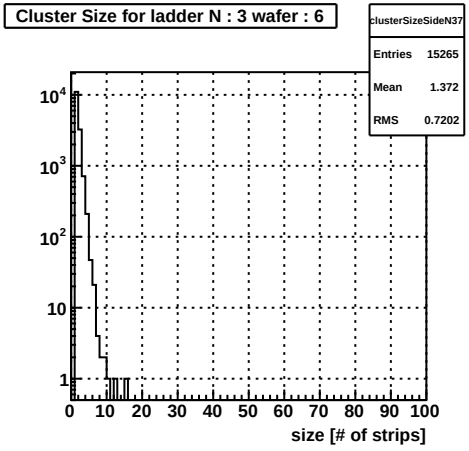

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 24318
Mean 1.345
RMS 0.6884
size [# of strips]

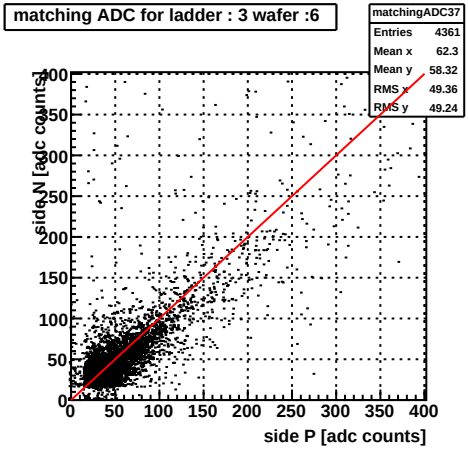

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 13017
Mean x 73.15
Mean y 77.59
RMS x 55.49
RMS y 57.1
side N [adc counts]
side P [adc counts]

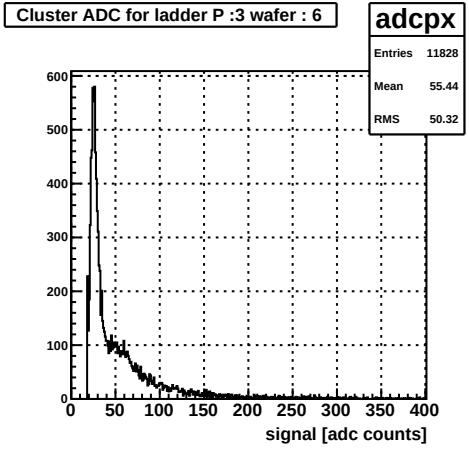

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 15731
Mean 76.9
RMS 60.66
signal [adc counts]

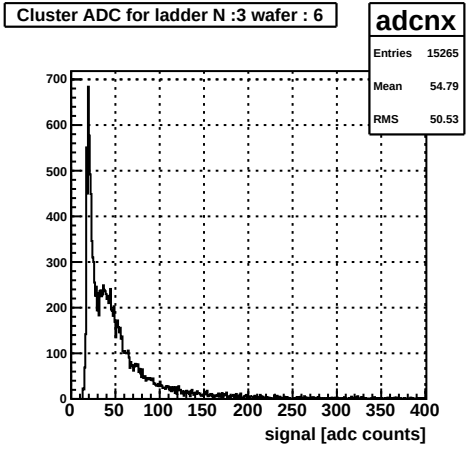

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 24318
Mean 95.61
RMS 76.93
signal [adc counts]

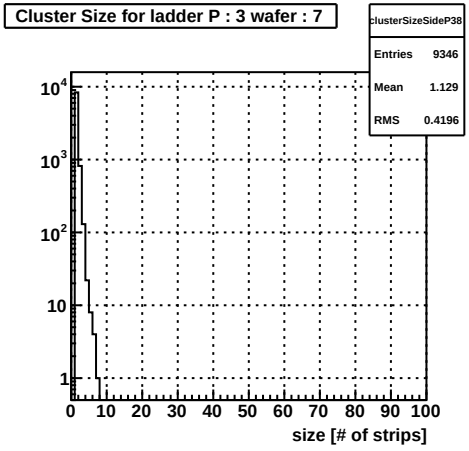

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 11828
Mean 1.134
RMS 0.41
size [# of strips]

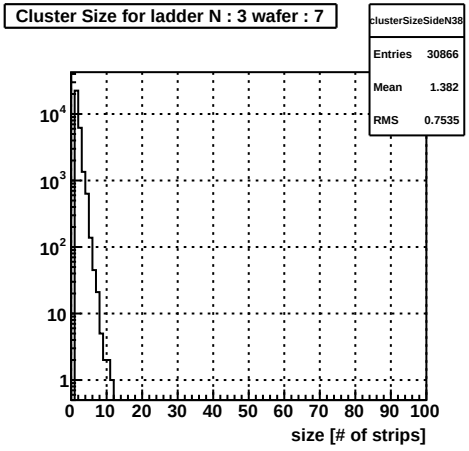

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 15265
Mean 1.372
RMS 0.7202
size [# of strips]

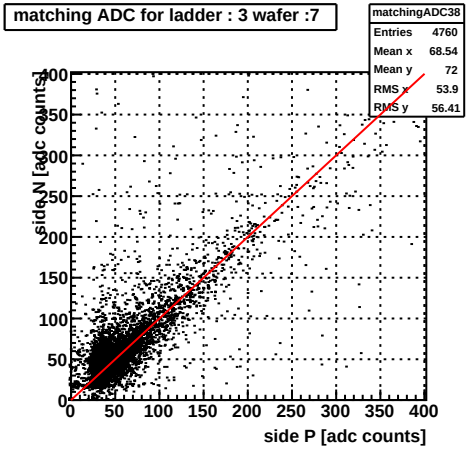

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4361
Mean x 62.3
Mean y 58.32
RMS x 49.36
RMS y 49.24
side N [adc counts]
side P [adc counts]

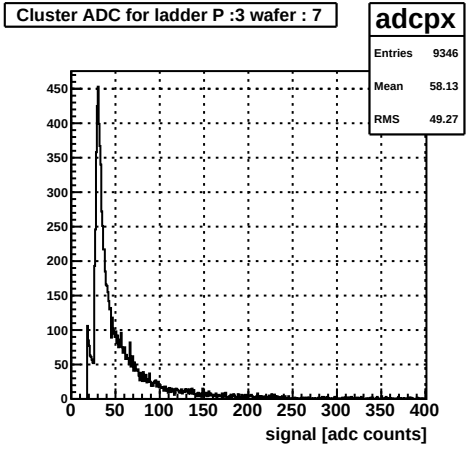

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 11828
Mean 55.44
RMS 50.32
signal [adc counts]

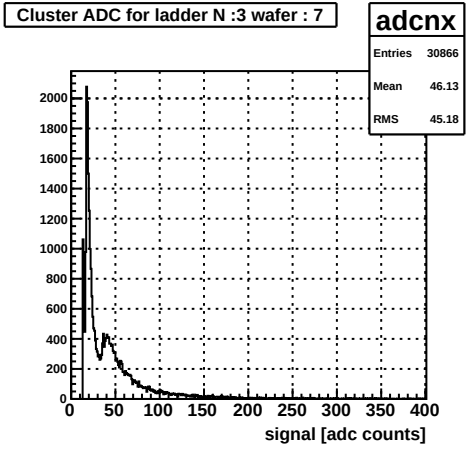

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 15265
Mean 54.79
RMS 50.53
signal [adc counts]

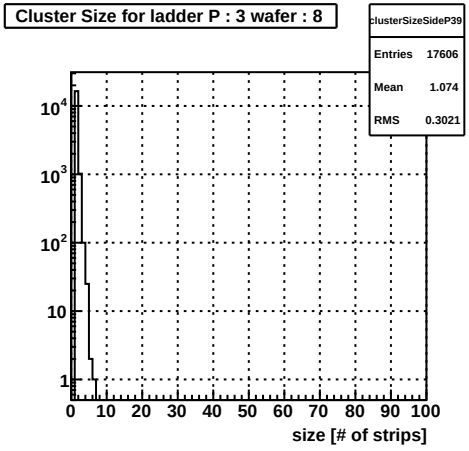

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 9346
Mean 1.129
RMS 0.4196
size [# of strips]

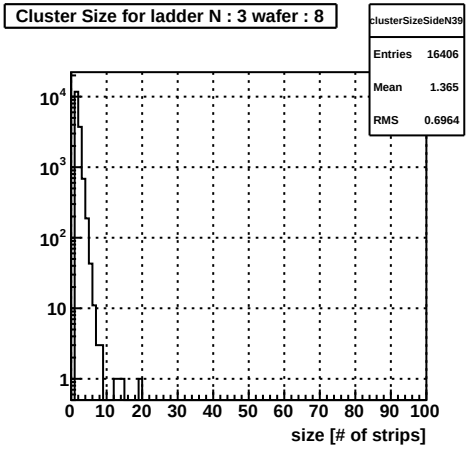

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 30866
Mean 1.382
RMS 0.7535
size [# of strips]

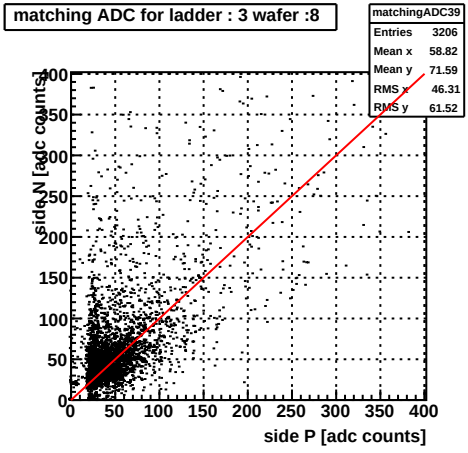

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 4760
Mean x 68.54
Mean y 72
RMS x 53.9
RMS y 56.41
side N [adc counts]
side P [adc counts]

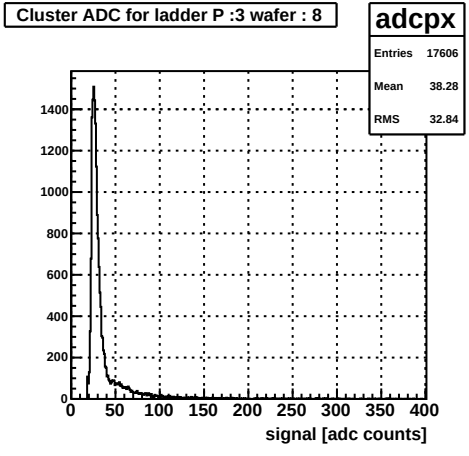

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 9346
Mean 58.13
RMS 49.27
signal [adc counts]

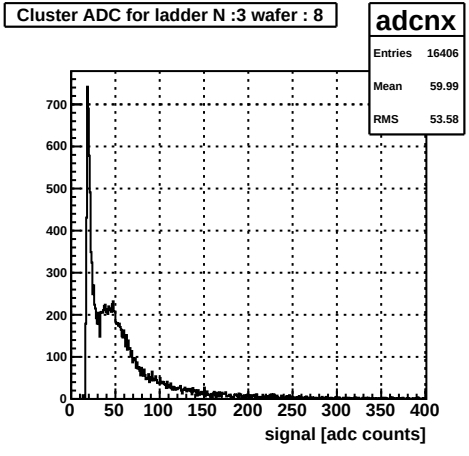

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 30866
Mean 46.13
RMS 45.18
signal [adc counts]

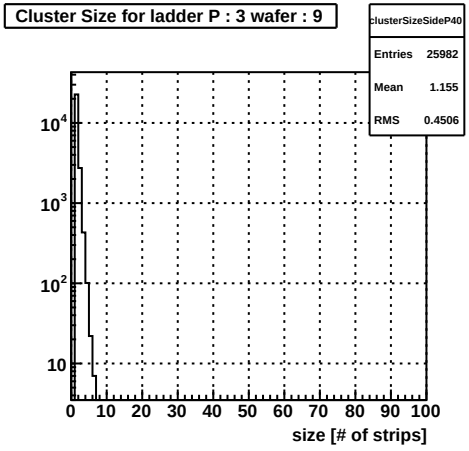

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 17606
Mean 1.074
RMS 0.3021
size [# of strips]

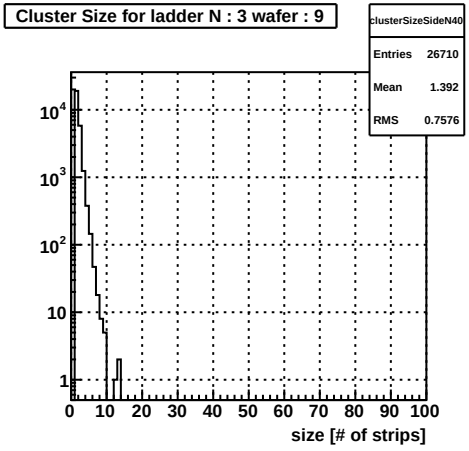

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 16406
Mean 1.365
RMS 0.6964
size [# of strips]

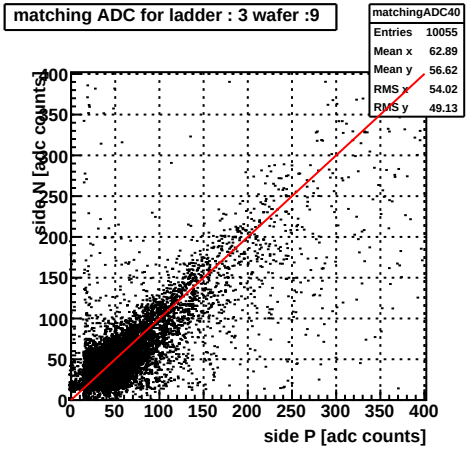

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 3206
Mean x 58.82
Mean y 71.59
RMS x 46.31
RMS y 61.52
side N [adc counts]
side P [adc counts]

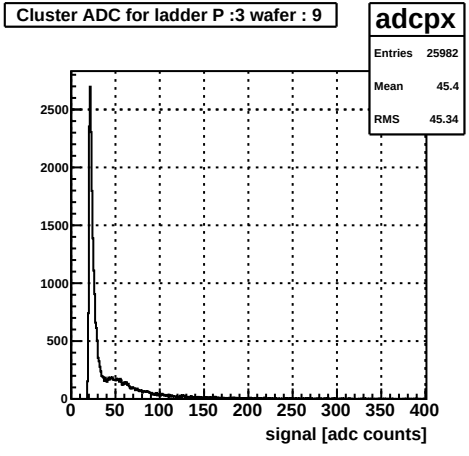

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 17606
Mean 38.28
RMS 32.84
signal [adc counts]

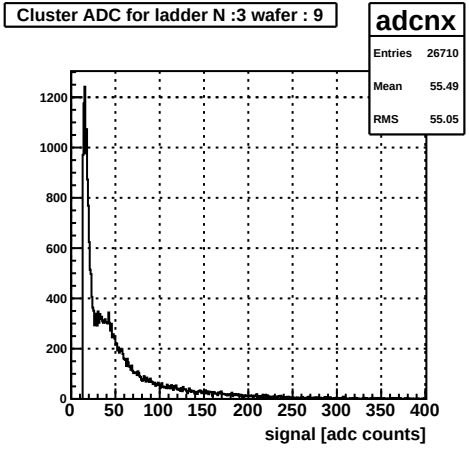

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 16406
Mean 59.99
RMS 53.58
signal [adc counts]

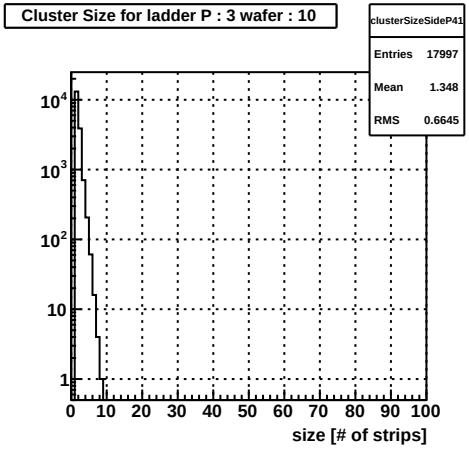

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 25982
Mean 1.155
RMS 0.4506
size [# of strips]

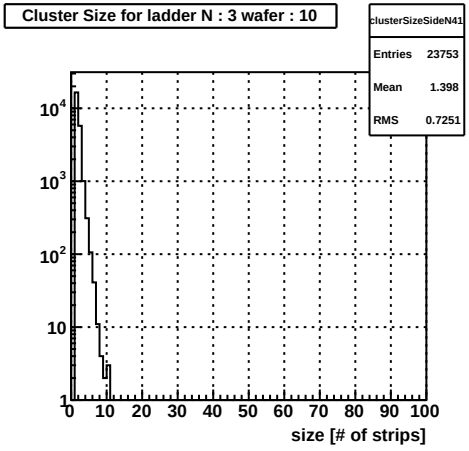

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 26710
Mean 1.392
RMS 0.7576
size [# of strips]

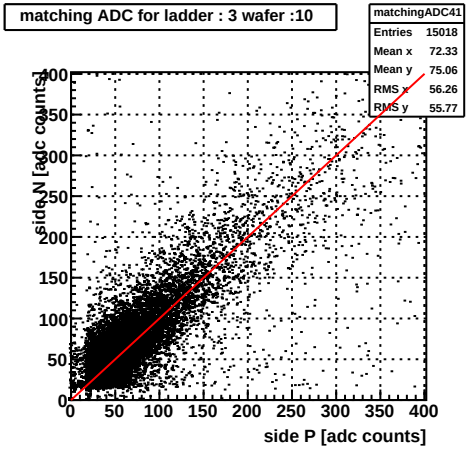

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 10055
Mean x 62.89
Mean y 56.62
RMS x 54.02
RMS y 49.13
side N [adc counts]
side P [adc counts]

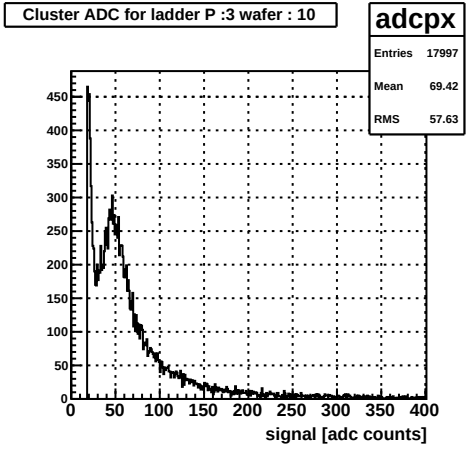

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 25982
Mean 45.4
RMS 45.34
signal [adc counts]

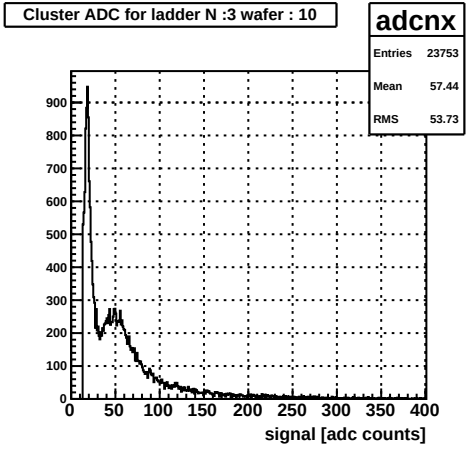

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 26710
Mean 55.49
RMS 55.05
signal [adc counts]

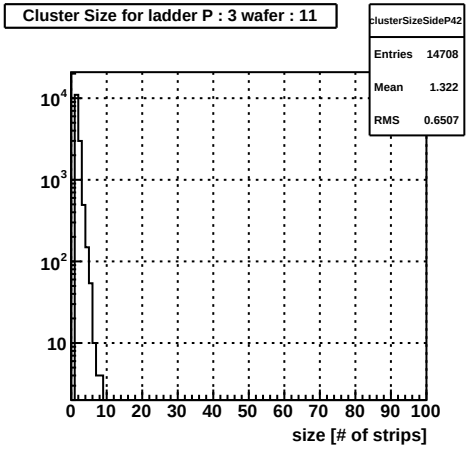

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 17997
Mean 1.348
RMS 0.6645
size [# of strips]

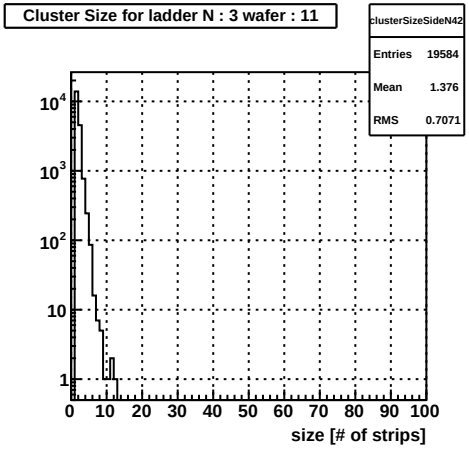

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 23753
Mean 1.398
RMS 0.7251
size [# of strips]

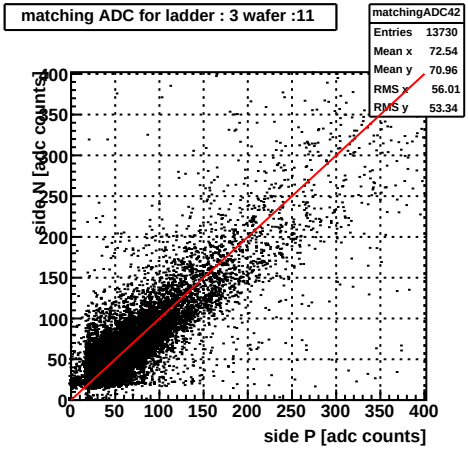

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 15018
Mean x 72.33
Mean y 75.06
RMS x 56.26
RMS y 55.77
side N [adc counts]
side P [adc counts]

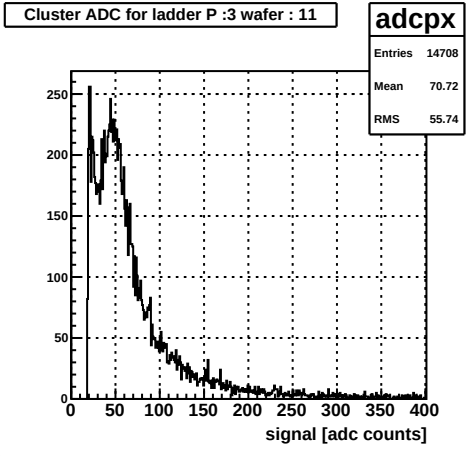

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 17997
Mean 69.42
RMS 57.63
signal [adc counts]

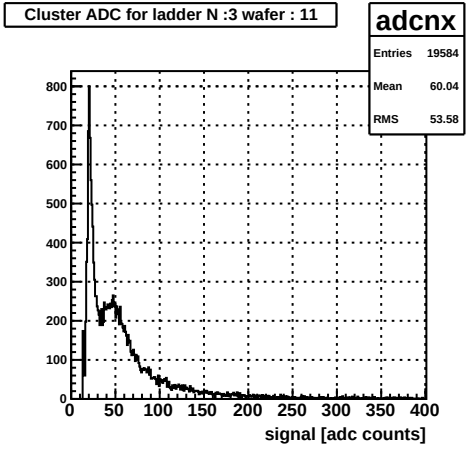

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 23753
Mean 57.44
RMS 53.73
signal [adc counts]

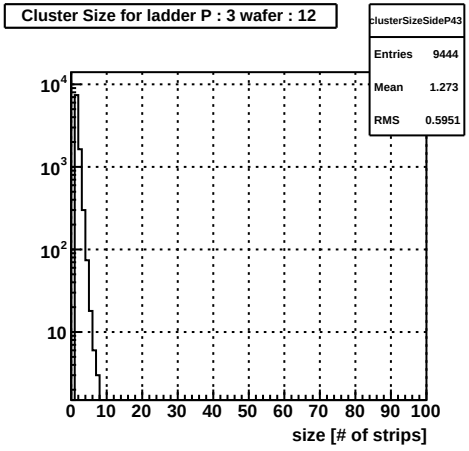

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 14708
Mean 1.322
RMS 0.6507
size [# of strips]

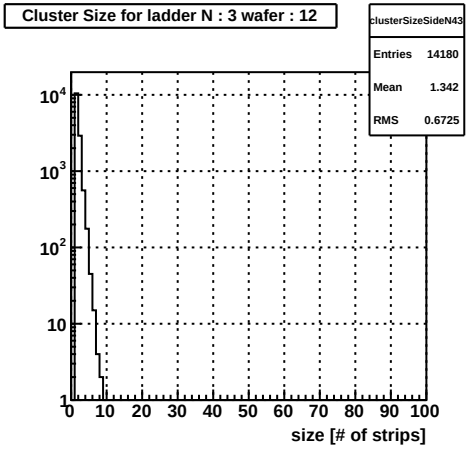

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 19584
Mean 1.376
RMS 0.7071
size [# of strips]

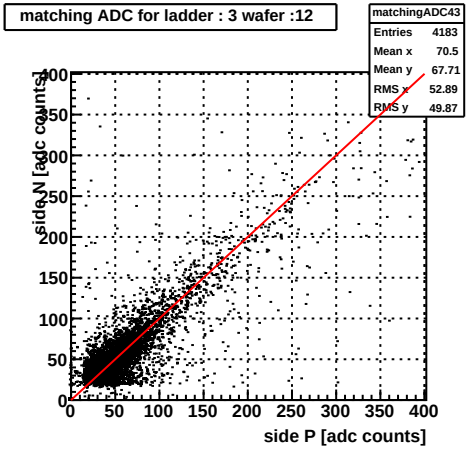

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 13730
Mean x 72.54
Mean y 70.96
RMS x 56.01
RMS y 53.34
side N [adc counts]
side P [adc counts]

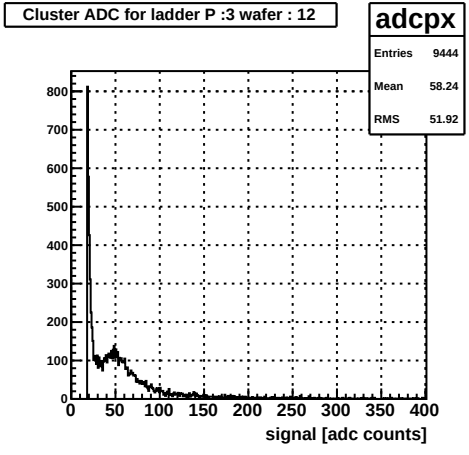

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 14708
Mean 70.72
RMS 55.74
signal [adc counts]

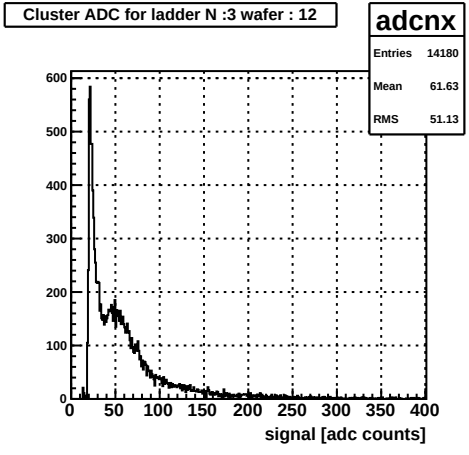

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 19584
Mean 60.04
RMS 53.58
signal [adc counts]

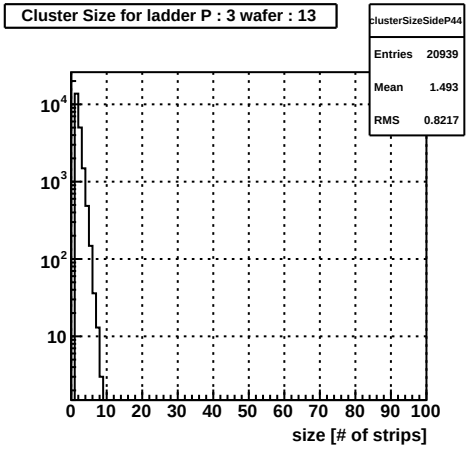

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 9444
Mean 1.273
RMS 0.5951
size [# of strips]

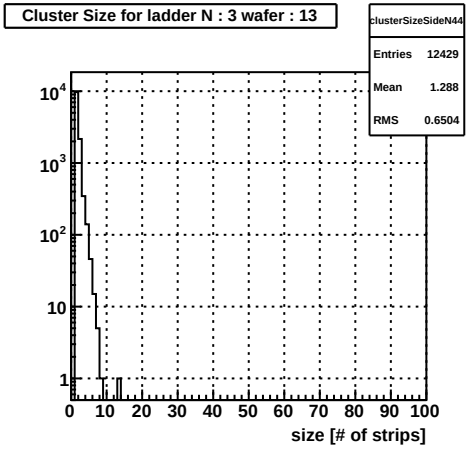

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 14180
Mean 1.342
RMS 0.6725
size [# of strips]

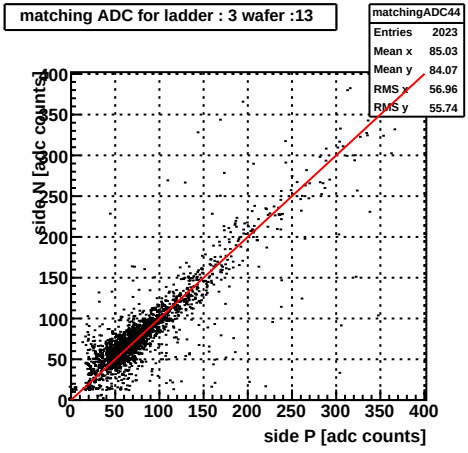

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4183
Mean x 70.5
Mean y 67.71
RMS x 52.89
RMS y 49.87
side N [adc counts]
side P [adc counts]

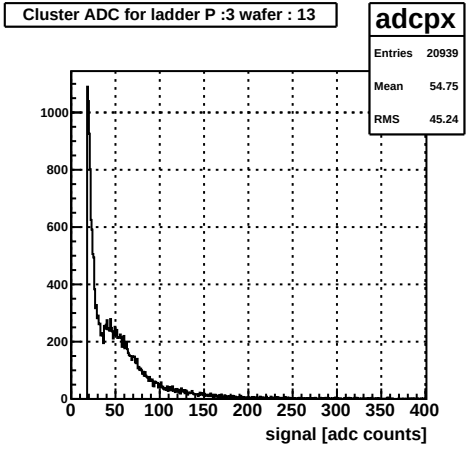

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 9444
Mean 58.24
RMS 51.92
signal [adc counts]

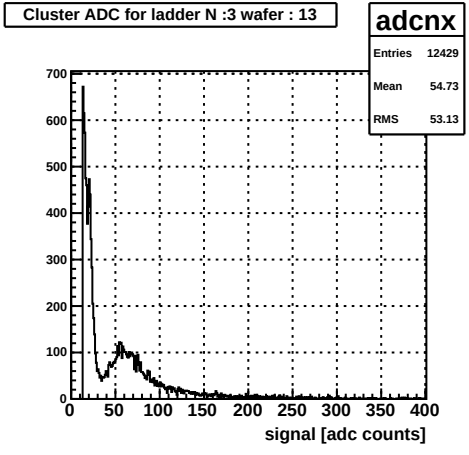

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 14180
Mean 61.63
RMS 51.13
signal [adc counts]

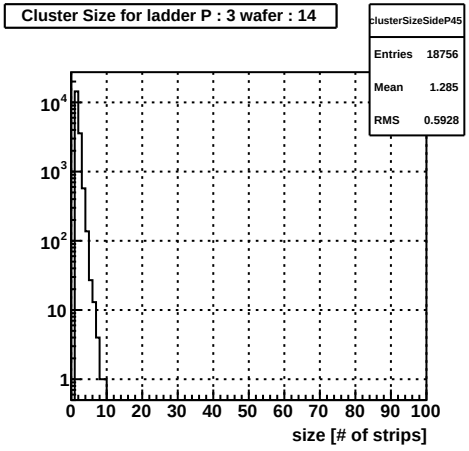

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 20939
Mean 1.493
RMS 0.8217
size [# of strips]

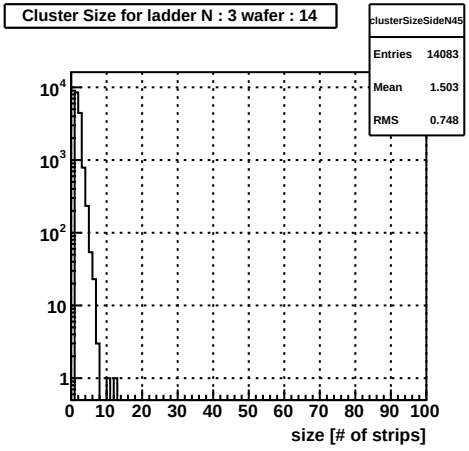

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 12429
Mean 1.288
RMS 0.6504
size [# of strips]

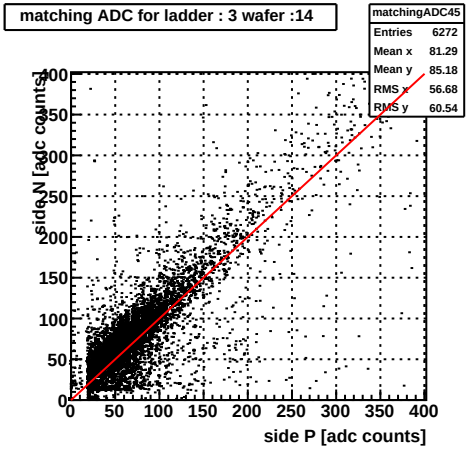

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2023
Mean x 85.03
Mean y 84.07
RMS x 56.96
RMS y 55.74
side N [adc counts]
side P [adc counts]

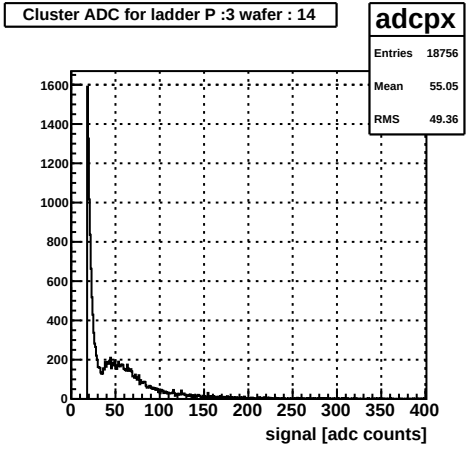

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 20939
Mean 54.75
RMS 45.24
signal [adc counts]

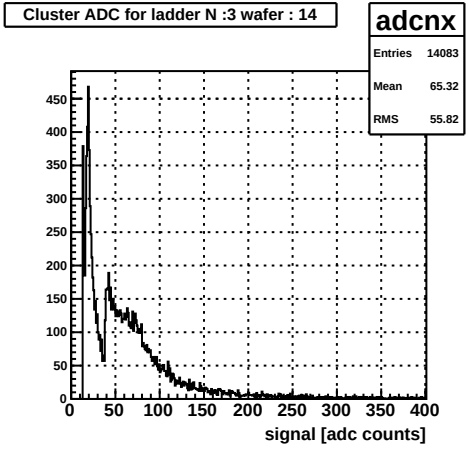

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 12429
Mean 54.73
RMS 53.13
signal [adc counts]

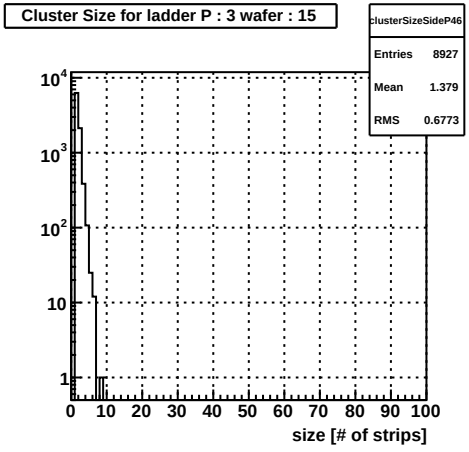

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 18756
Mean 1.285
RMS 0.5928
size [# of strips]

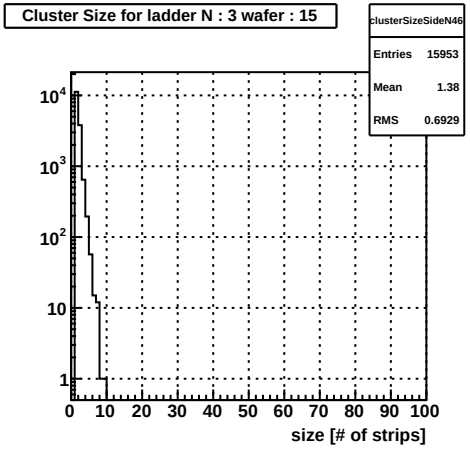

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 14083
Mean 1.503
RMS 0.748
size [# of strips]

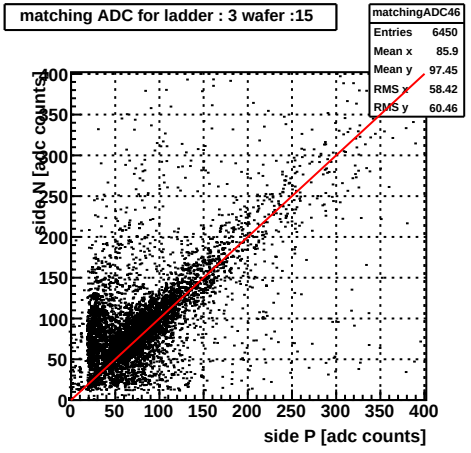

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 6272
Mean x 81.29
Mean y 85.18
RMS x 56.68
RMS y 60.54
side N [adc counts]
side P [adc counts]

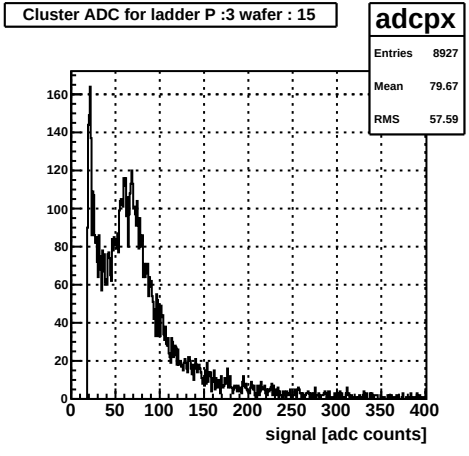

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 18756
Mean 55.05
RMS 49.36
signal [adc counts]

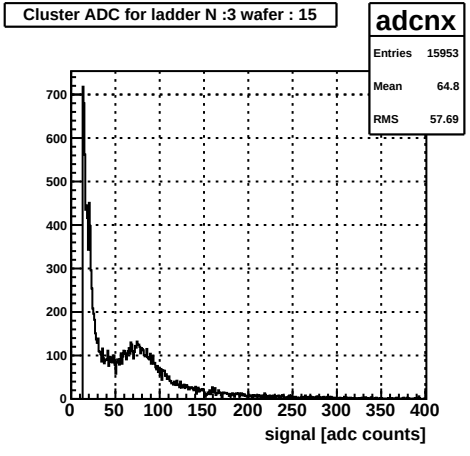

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 14083
Mean 65.32
RMS 55.82
signal [adc counts]

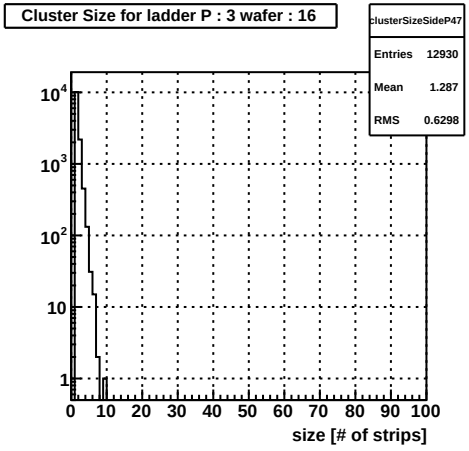

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 8927
Mean 1.379
RMS 0.6773
size [# of strips]

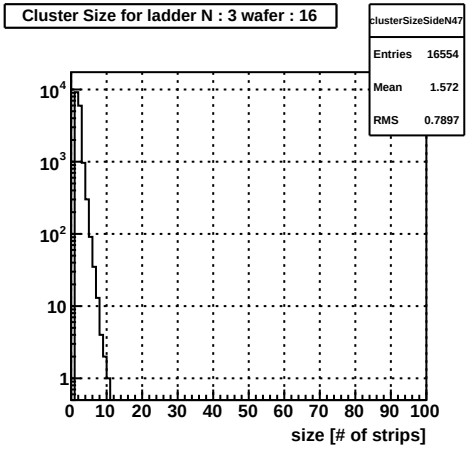

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 15953
Mean 1.38
RMS 0.6929
size [# of strips]

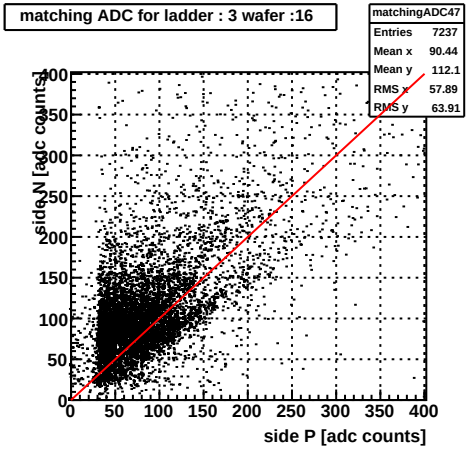

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 6450
Mean x 85.9
Mean y 97.45
RMS x 58.42
RMS y 60.46
side N [adc counts]
side P [adc counts]

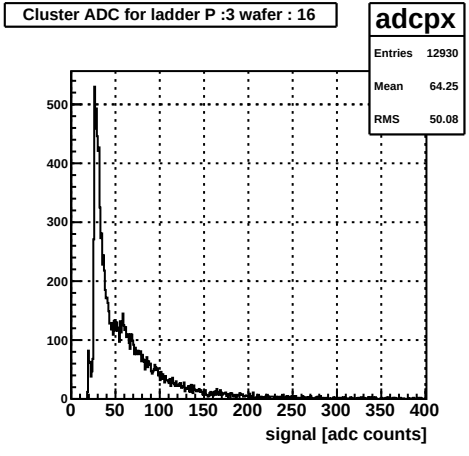

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 8927
Mean 79.67
RMS 57.59
signal [adc counts]

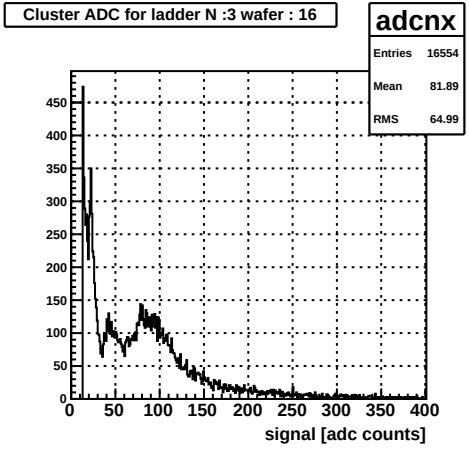

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 15953
Mean 64.8
RMS 57.69
signal [adc counts]

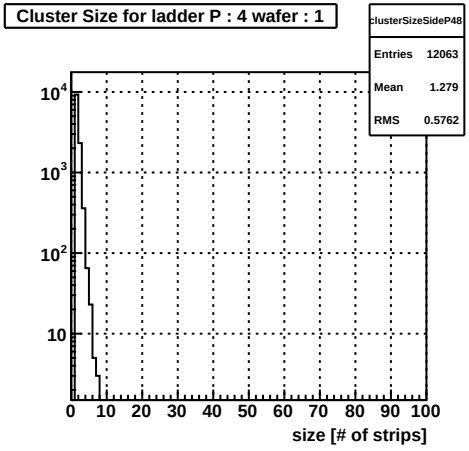

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 12930
Mean 1.287
RMS 0.6298
size [# of strips]

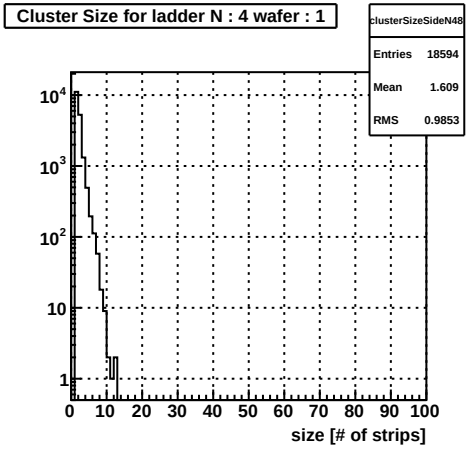

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 16554
Mean 1.572
RMS 0.7897
size [# of strips]

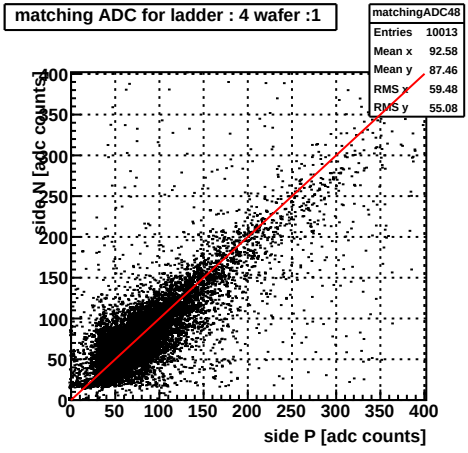

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 7237
Mean x 90.44
Mean y 112.1
RMS x 57.89
RMS y 63.91
side N [adc counts]
side P [adc counts]

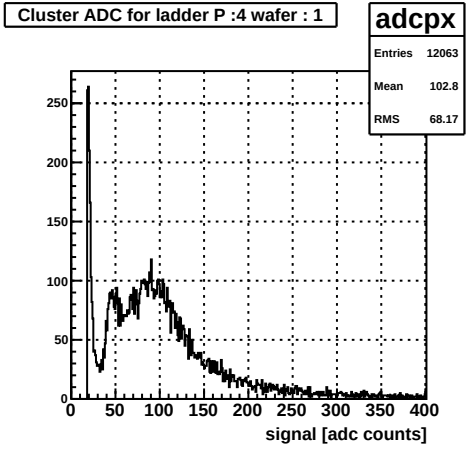

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 12930
Mean 64.25
RMS 50.08
signal [adc counts]

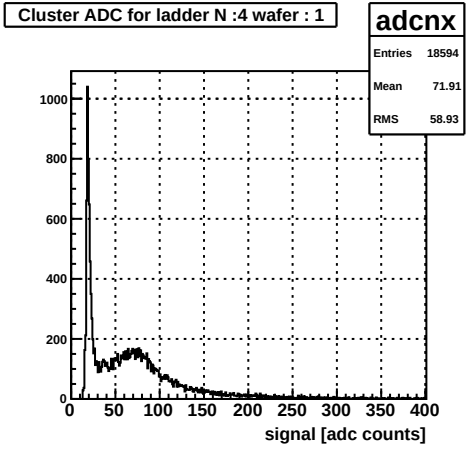

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 16554
Mean 81.89
RMS 64.99
signal [adc counts]

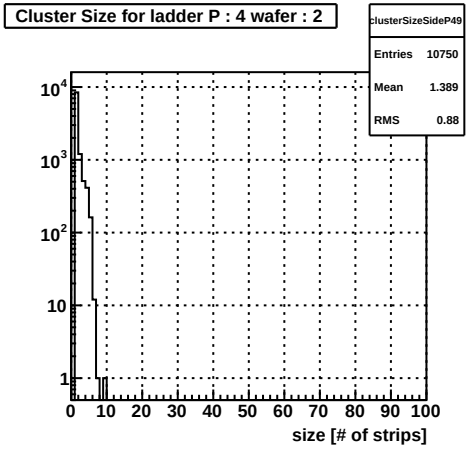

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 12063
Mean 1.279
RMS 0.5762
size [# of strips]

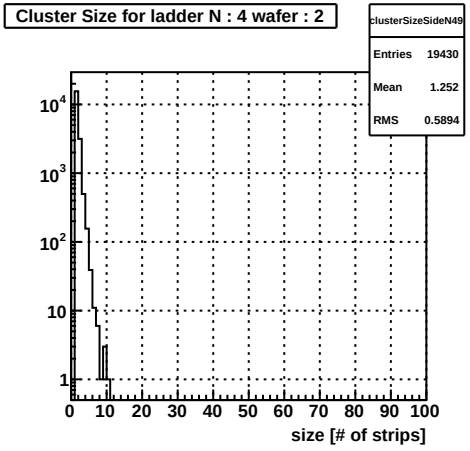

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 18594
Mean 1.609
RMS 0.9853
size [# of strips]

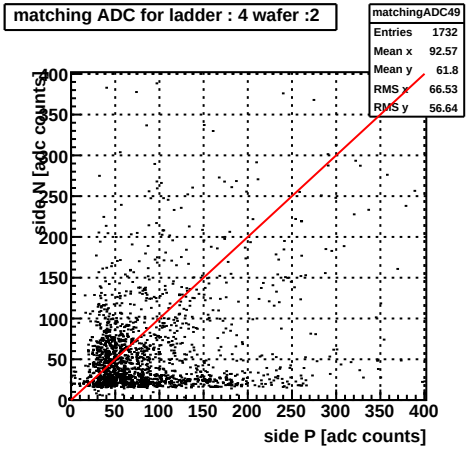

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 10013
Mean x 92.58
Mean y 87.46
RMS x 59.48
RMS y 55.08
side N [adc counts]
side P [adc counts]

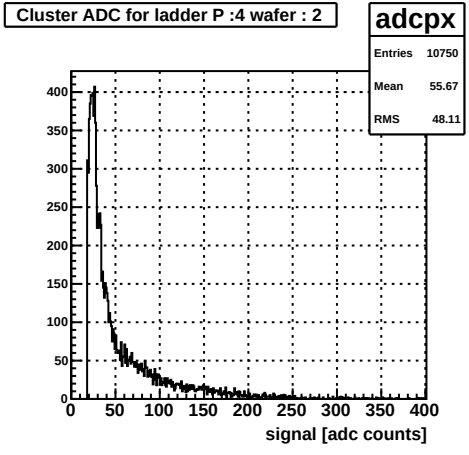

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 12063
Mean 102.8
RMS 68.17
signal [adc counts]

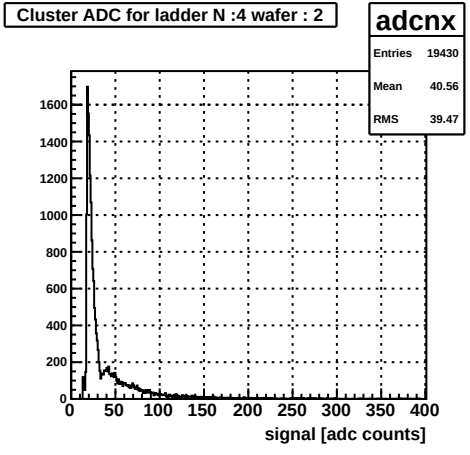

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 18594
Mean 71.91
RMS 58.93
signal [adc counts]

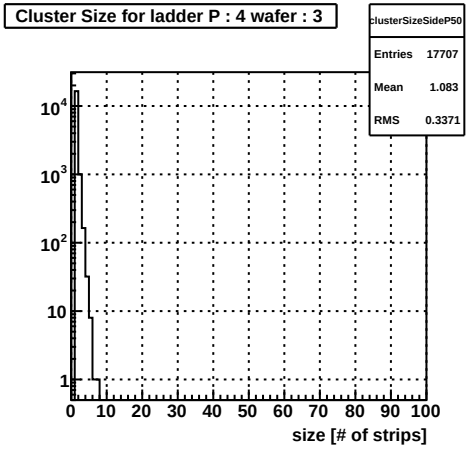

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 10750
Mean 1.389
RMS 0.88
size [# of strips]

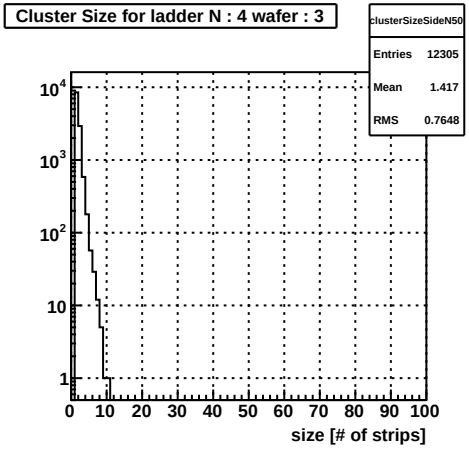

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 19430
Mean 1.252
RMS 0.5894
size [# of strips]

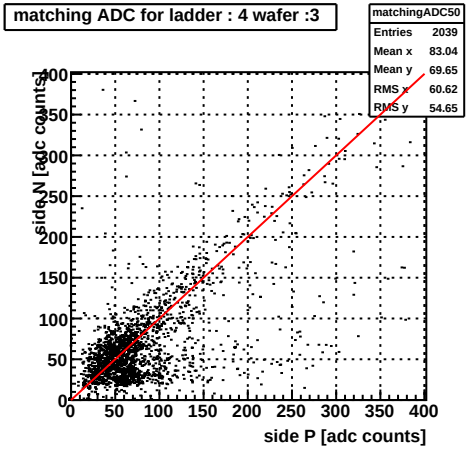

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1732
Mean x 92.57
Mean y 61.8
RMS x 66.53
RMS y 56.64
side N [adc counts]
side P [adc counts]

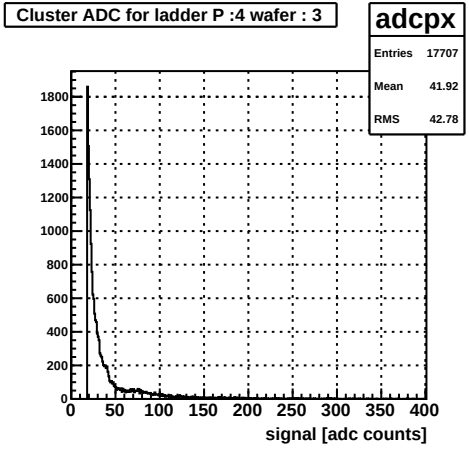

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 10750
Mean 55.67
RMS 48.11
signal [adc counts]

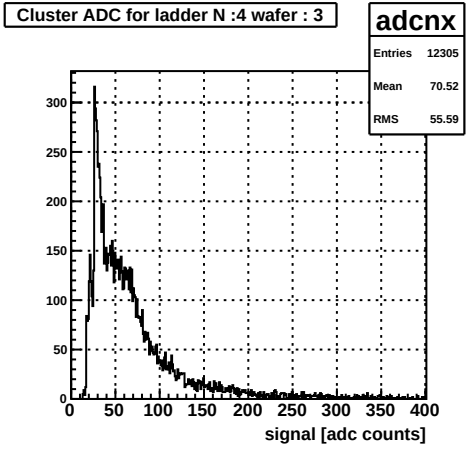

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 19430
Mean 40.56
RMS 39.47
signal [adc counts]

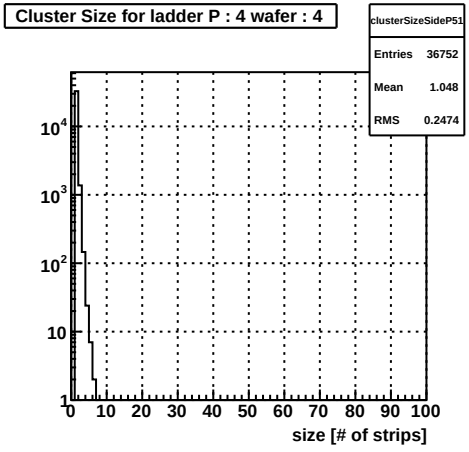

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 17707
Mean 1.083
RMS 0.3371
size [# of strips]

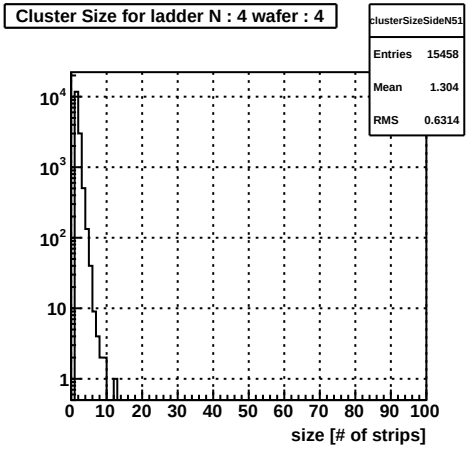

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 12305
Mean 1.417
RMS 0.7648
size [# of strips]

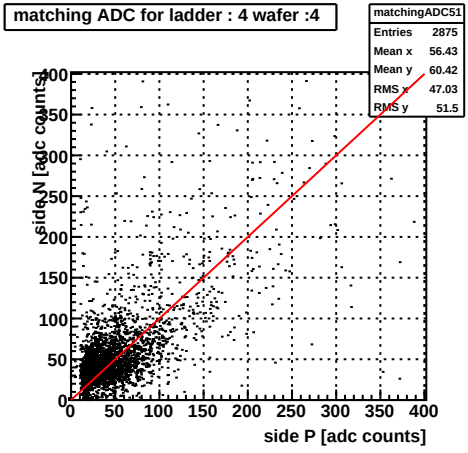

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2039
Mean x 83.04
Mean y 69.65
RMS x 60.62
RMS y 54.65
side N [adc counts]
side P [adc counts]

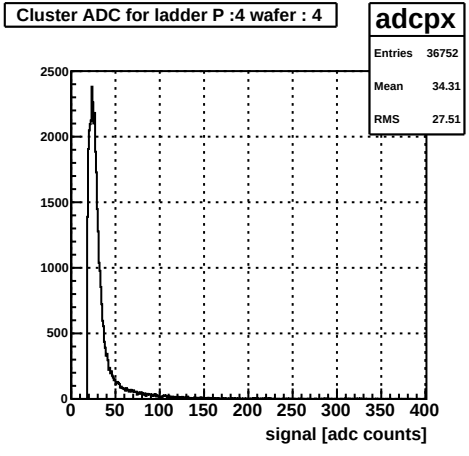

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 17707
Mean 41.92
RMS 42.78
signal [adc counts]

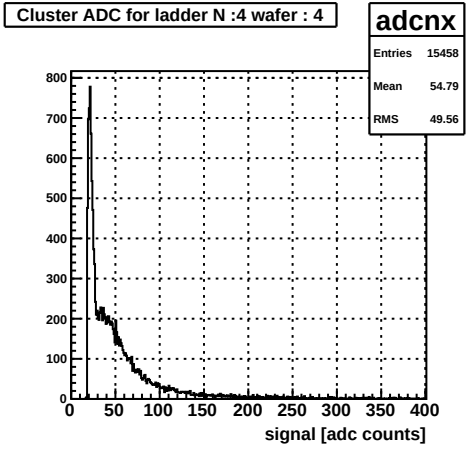

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 12305
Mean 70.52
RMS 55.59
signal [adc counts]

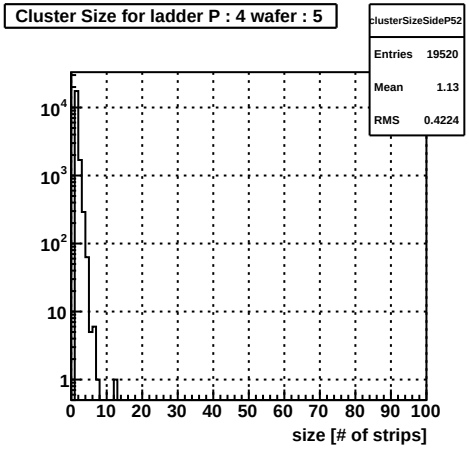

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 36752
Mean 1.048
RMS 0.2474
size [# of strips]

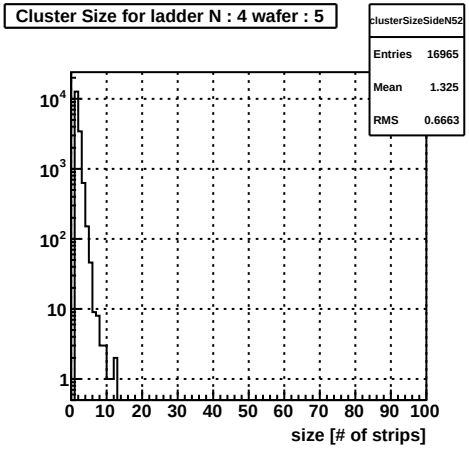

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 15458
Mean 1.304
RMS 0.6314
size [# of strips]

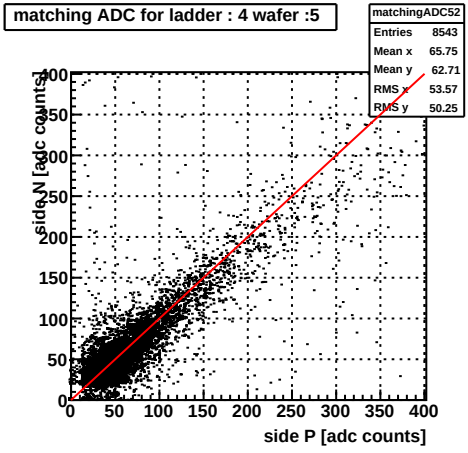

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 2875
Mean x 56.43
Mean y 60.42
RMS x 47.03
RMS y 51.5
side N [adc counts]
side P [adc counts]

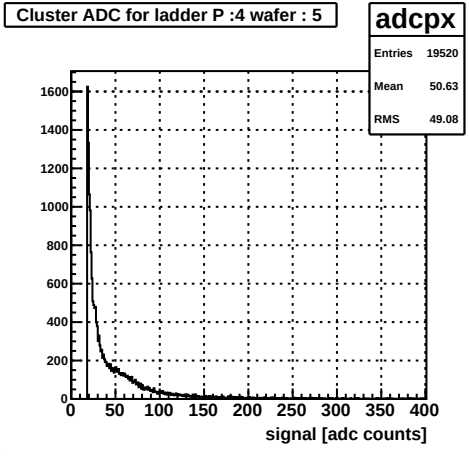

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 36752
Mean 34.31
RMS 27.51
signal [adc counts]

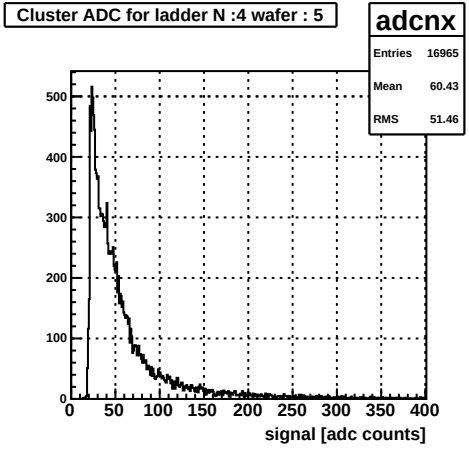

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 15458
Mean 54.79
RMS 49.56
signal [adc counts]

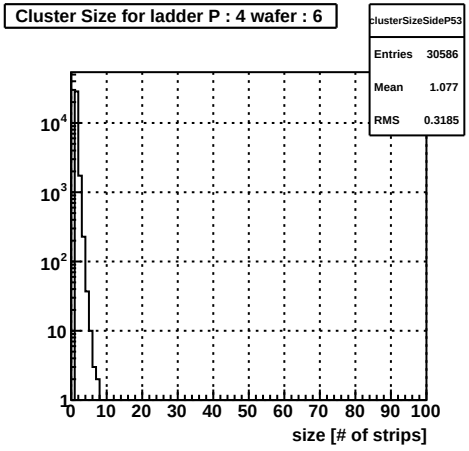

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 19520
Mean 1.13
RMS 0.4224
size [# of strips]

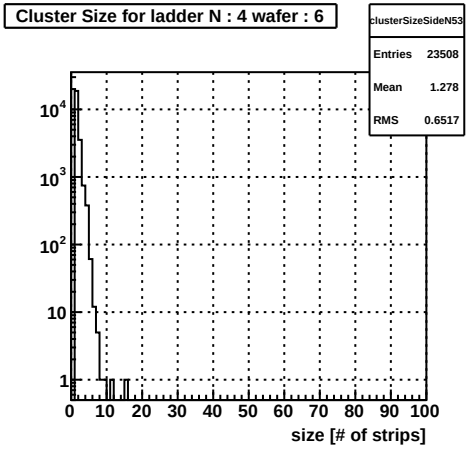

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 16965
Mean 1.325
RMS 0.6663
size [# of strips]

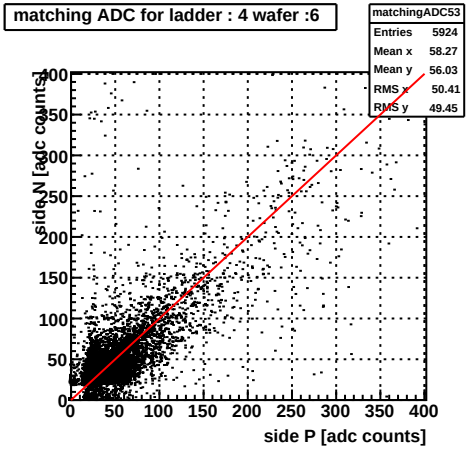

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 8543
Mean x 65.75
Mean y 62.71
RMS x 53.57
RMS y 50.25
side N [adc counts]
side P [adc counts]

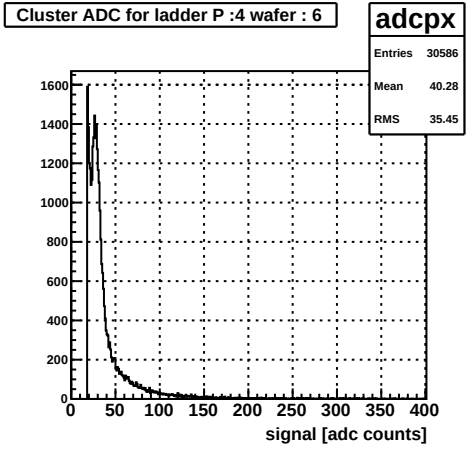

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 19520
Mean 50.63
RMS 49.08
signal [adc counts]

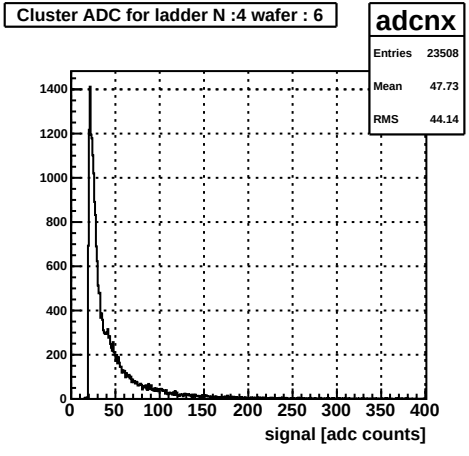

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 16965
Mean 60.43
RMS 51.46
signal [adc counts]

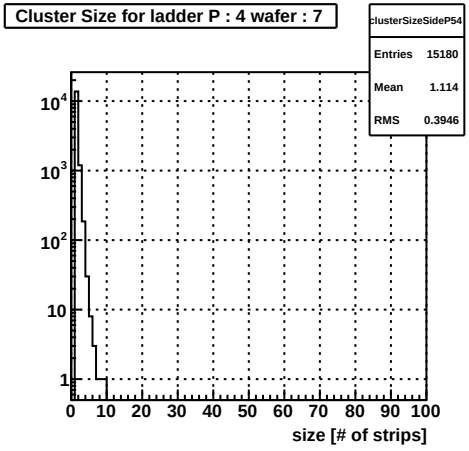

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 30586
Mean 1.077
RMS 0.3185
size [# of strips]

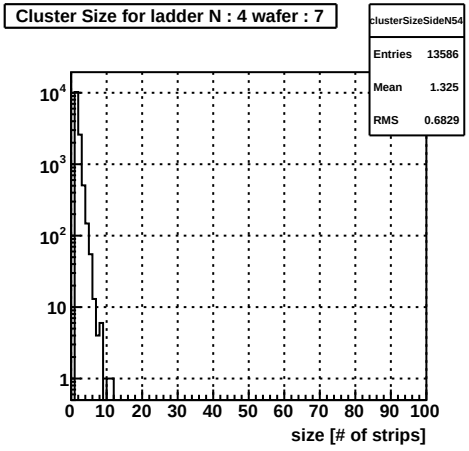

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 23508
Mean 1.278
RMS 0.6517
size [# of strips]

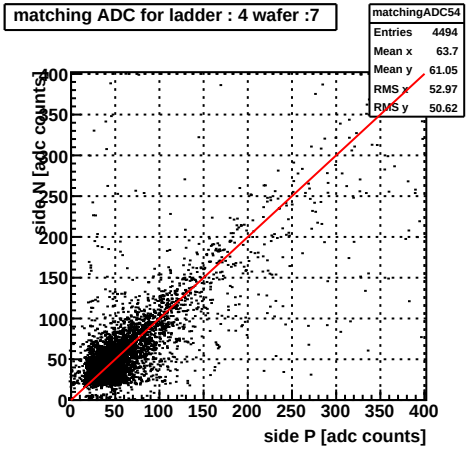

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 5924
Mean x 58.27
Mean y 56.03
RMS x 50.41
RMS y 49.45
side N [adc counts]
side P [adc counts]

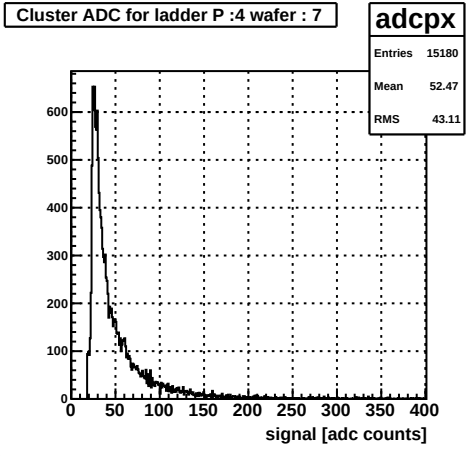

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 30586
Mean 40.28
RMS 35.45
signal [adc counts]

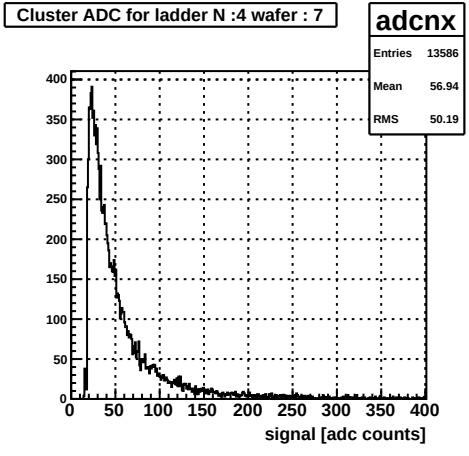

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 23508
Mean 47.73
RMS 44.14
signal [adc counts]

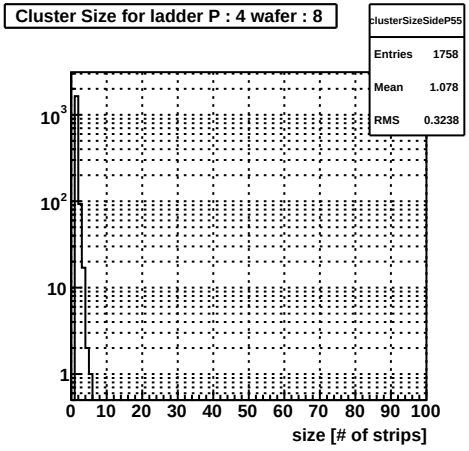

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 15180
Mean 1.114
RMS 0.3946
size [# of strips]

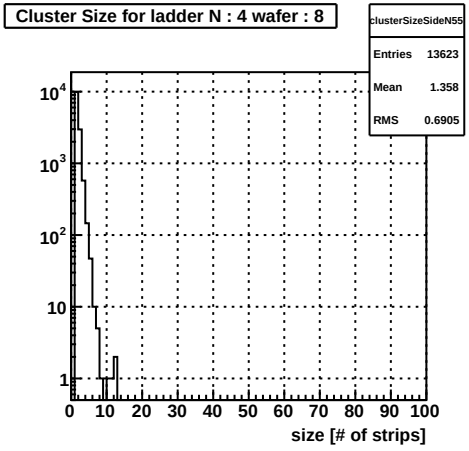

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 13586
Mean 1.325
RMS 0.6829
size [# of strips]

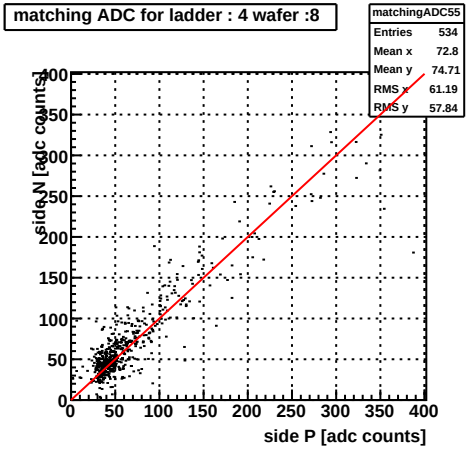

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 4494
Mean x 63.7
Mean y 61.05
RMS x 52.97
RMS y 50.62
side N [adc counts]
side P [adc counts]

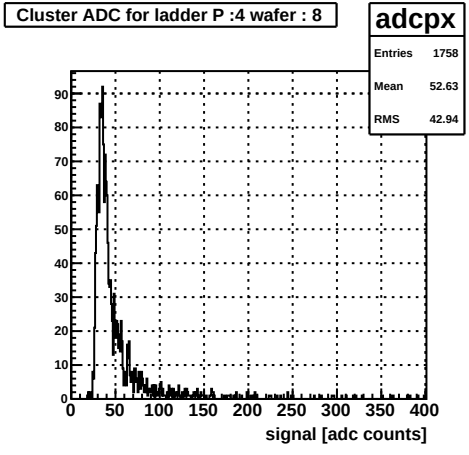

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 15180
Mean 52.47
RMS 43.11
signal [adc counts]

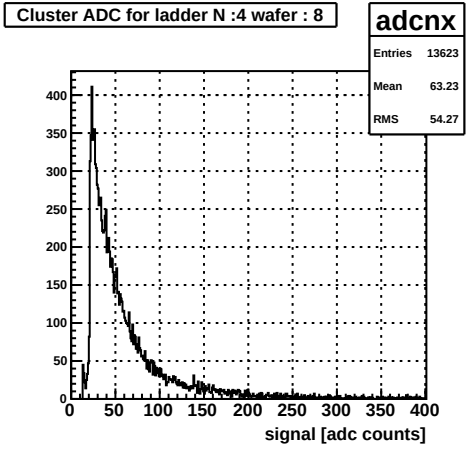

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 13586
Mean 56.94
RMS 50.19
signal [adc counts]

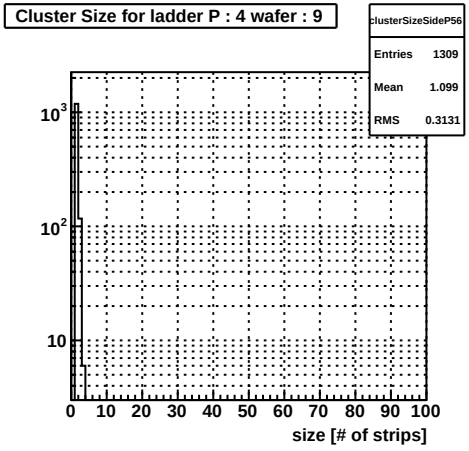

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1758
Mean 1.078
RMS 0.3238
size [# of strips]

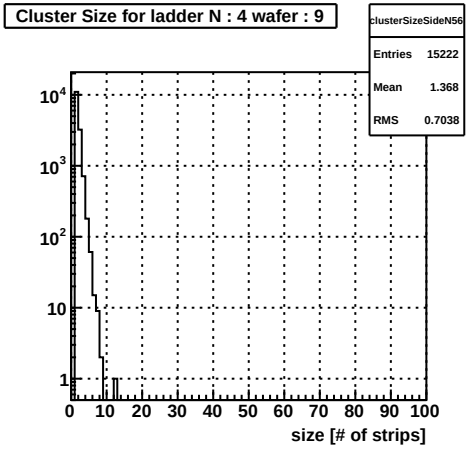

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 13623
Mean 1.358
RMS 0.6905
size [# of strips]

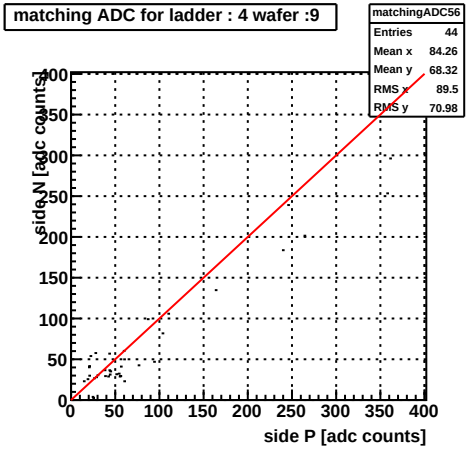

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 534
Mean x 72.8
Mean y 74.71
RMS x 61.19
RMS y 57.84
side N [adc counts]
side P [adc counts]

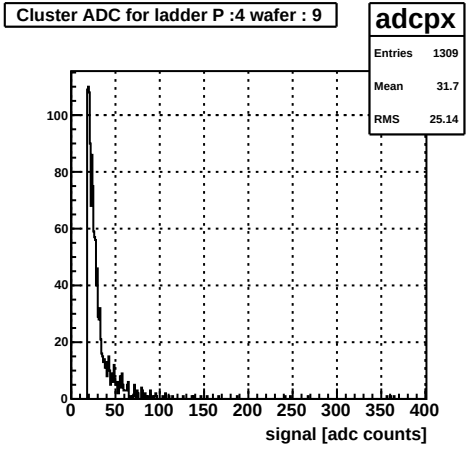

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1758
Mean 52.63
RMS 42.94
signal [adc counts]

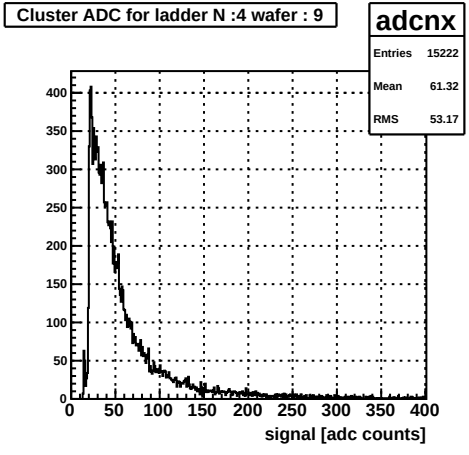

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 13623
Mean 63.23
RMS 54.27
signal [adc counts]

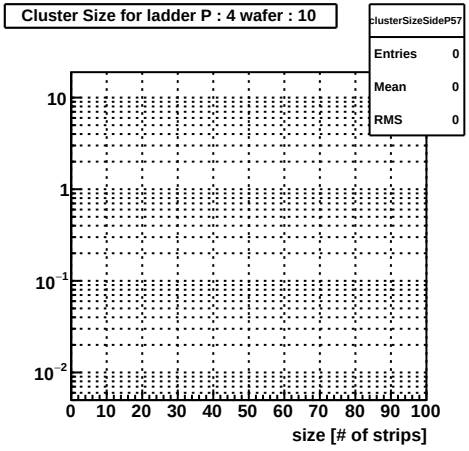

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1309
Mean 1.099
RMS 0.3131
size [# of strips]

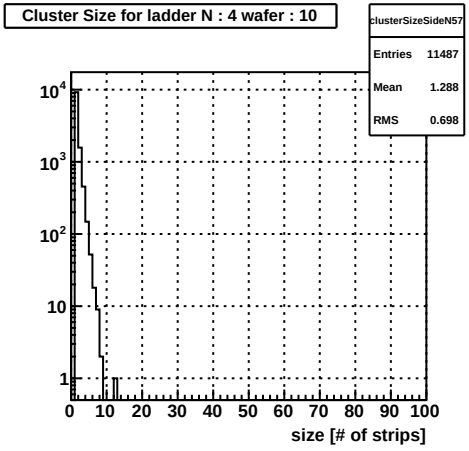

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 15222
Mean 1.368
RMS 0.7038
size [# of strips]

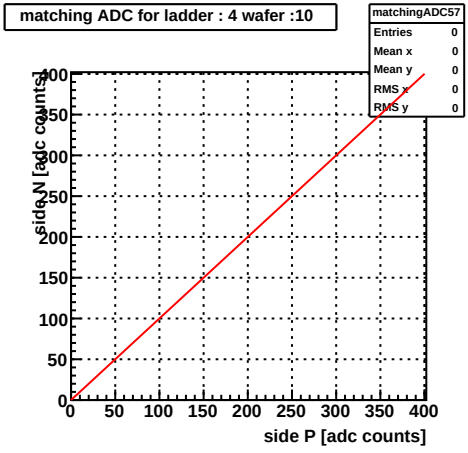

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 44
Mean x 84.26
Mean y 68.32
RMS x 89.5
RMS y 70.98
side N [adc counts]
side P [adc counts]

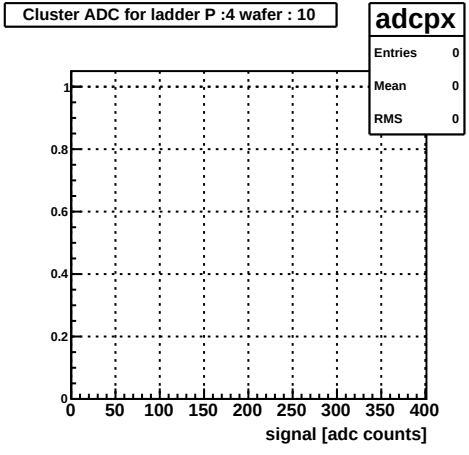

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1309
Mean 31.7
RMS 25.14
signal [adc counts]

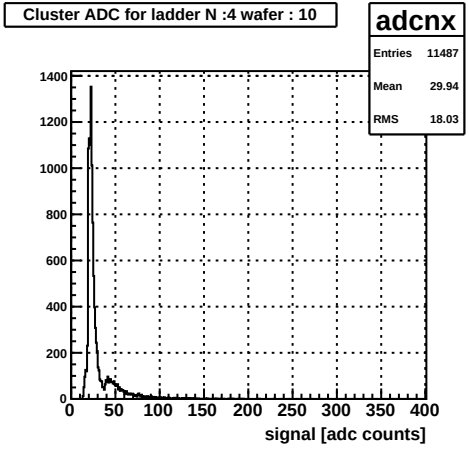

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 15222
Mean 61.32
RMS 53.17
signal [adc counts]

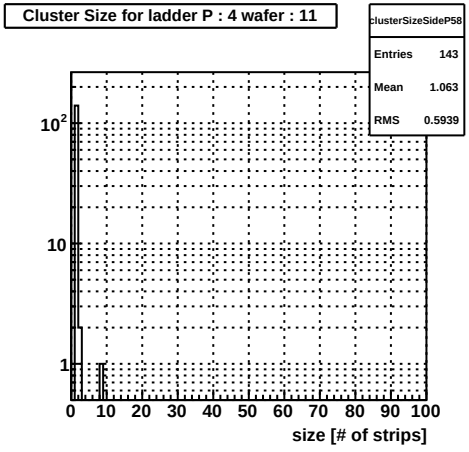

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

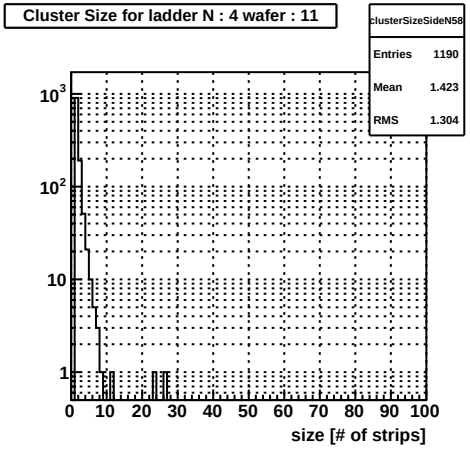

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 11487
Mean 1.288
RMS 0.698
size [# of strips]

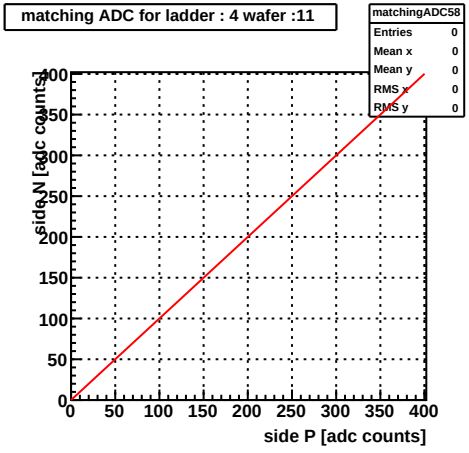

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

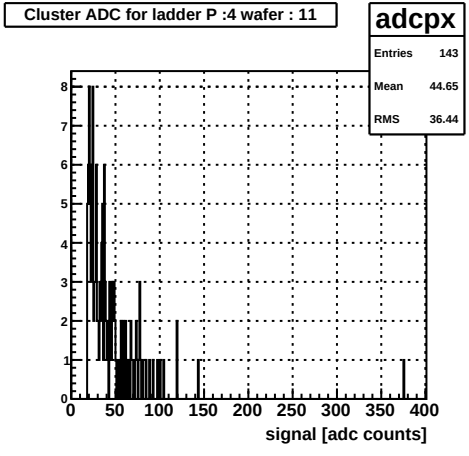

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

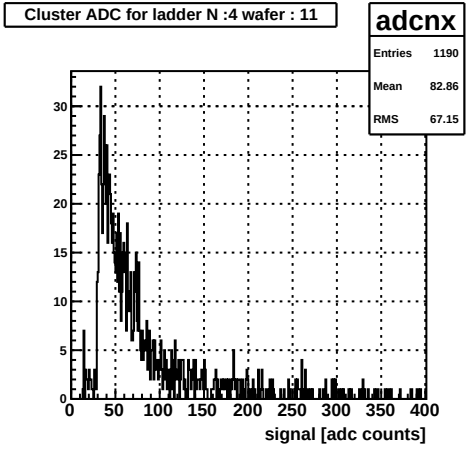

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 11487
Mean 29.94
RMS 18.03
signal [adc counts]

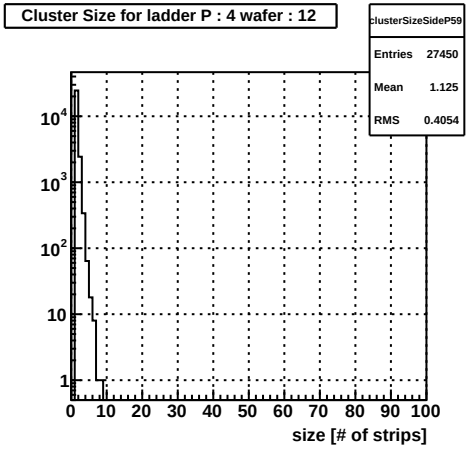

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 143
Mean 1.063
RMS 0.5939
size [# of strips]

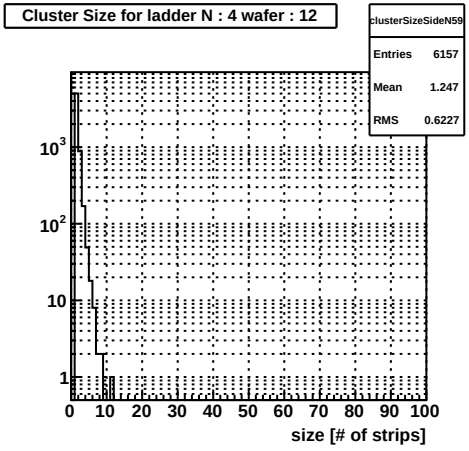

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1190
Mean 1.423
RMS 1.304
size [# of strips]

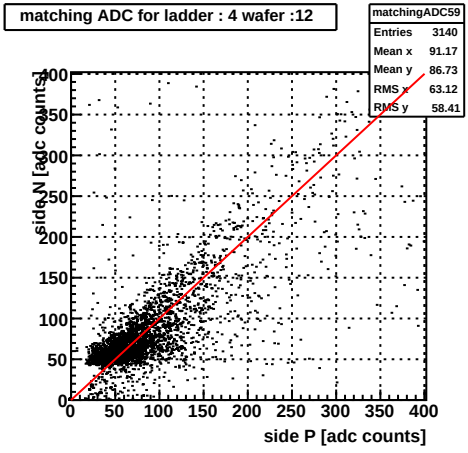

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

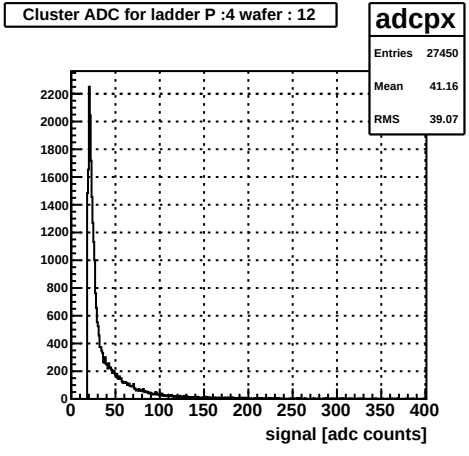

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 143
Mean 44.65
RMS 36.44
signal [adc counts]

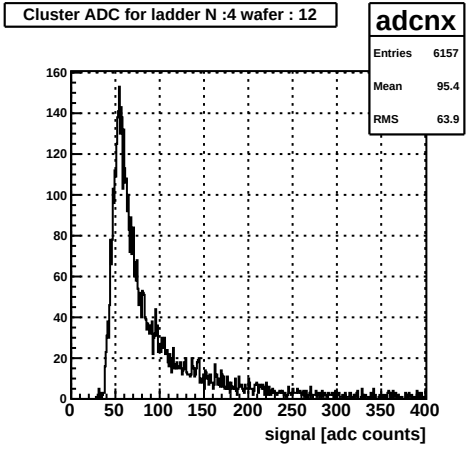

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1190
Mean 82.86
RMS 67.15
signal [adc counts]

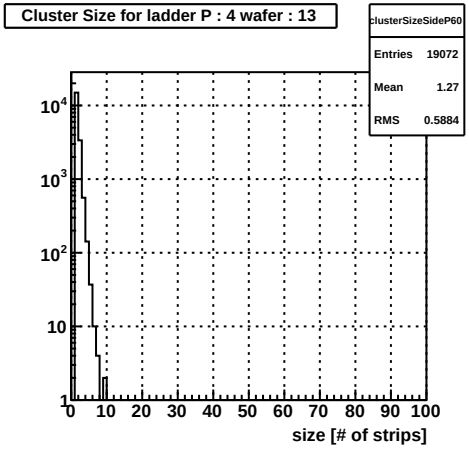

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 27450
Mean 1.125
RMS 0.4054
size [# of strips]

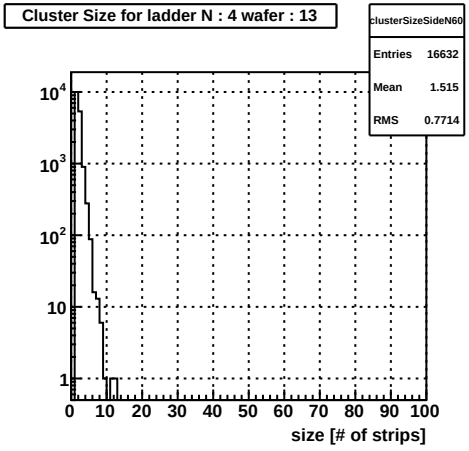

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 6157
Mean 1.247
RMS 0.6227
size [# of strips]

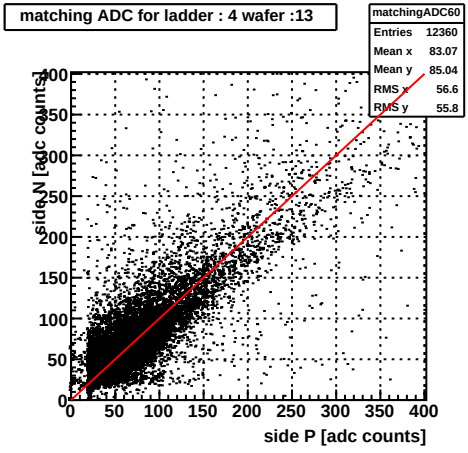

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 3140
Mean x 91.17
Mean y 86.73
RMS x 63.12
RMS y 58.41
side N [adc counts]
side P [adc counts]

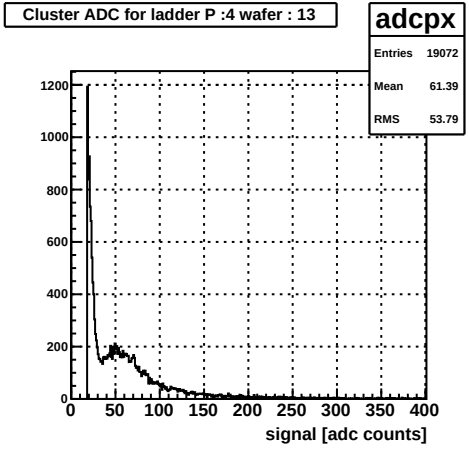

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 27450
Mean 41.16
RMS 39.07
signal [adc counts]

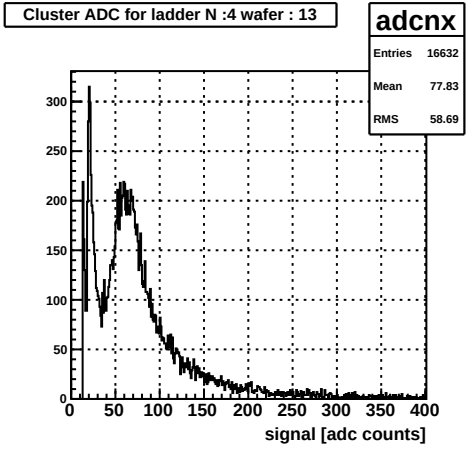

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 6157
Mean 95.4
RMS 63.9
signal [adc counts]

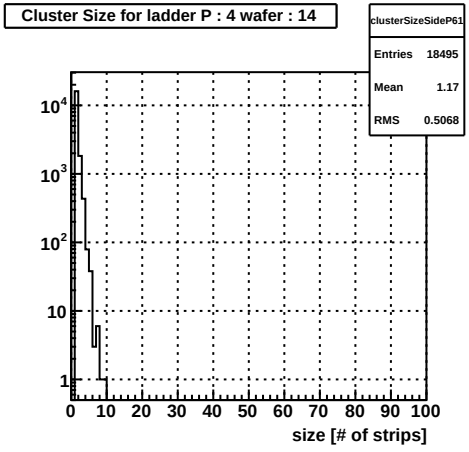

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 19072
Mean 1.27
RMS 0.5884
size [# of strips]

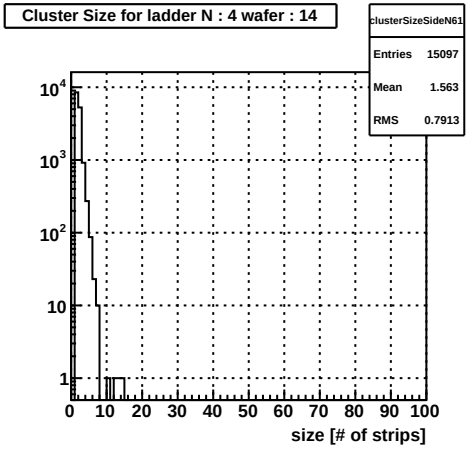

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 16632
Mean 1.515
RMS 0.7714
size [# of strips]

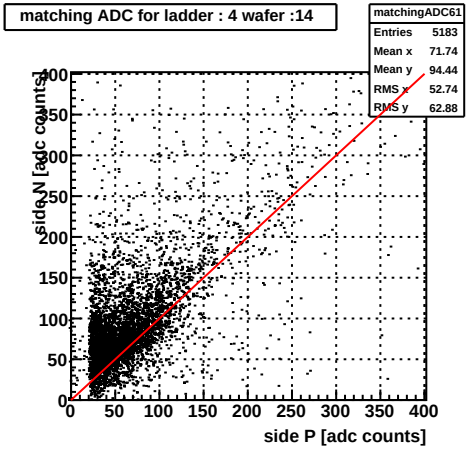

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 12360
Mean x 83.07
Mean y 85.04
RMS x 56.6
RMS y 55.8
side N [adc counts]
side P [adc counts]

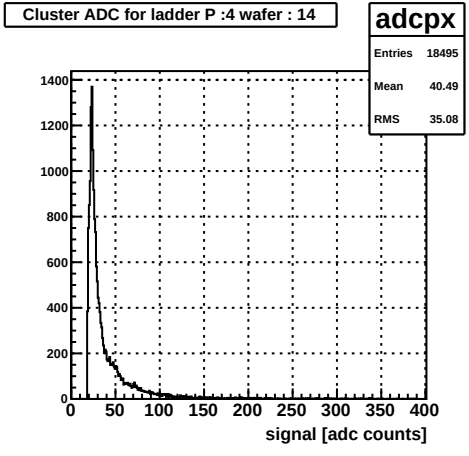

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 19072
Mean 61.39
RMS 53.79
signal [adc counts]

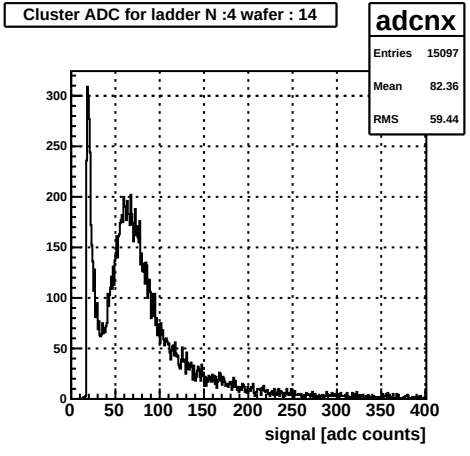

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 16632
Mean 77.83
RMS 58.69
signal [adc counts]

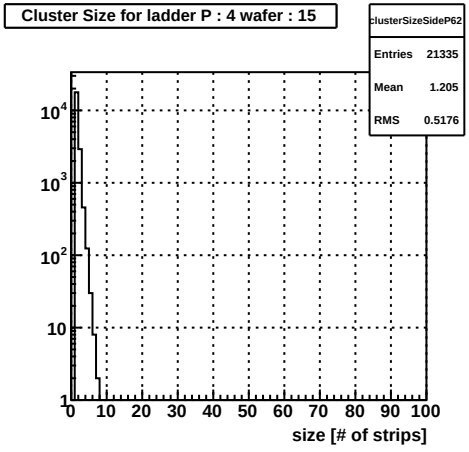

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 18495
Mean 1.17
RMS 0.5068
size [# of strips]

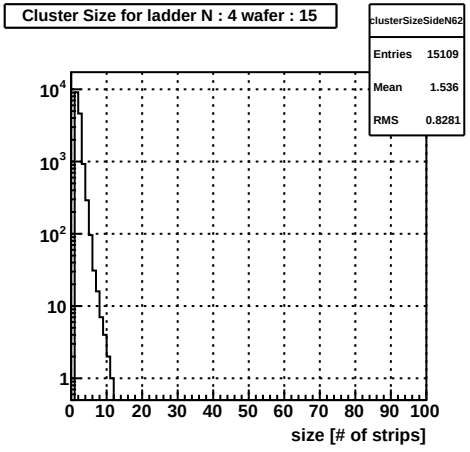

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 15097
Mean 1.563
RMS 0.7913
size [# of strips]

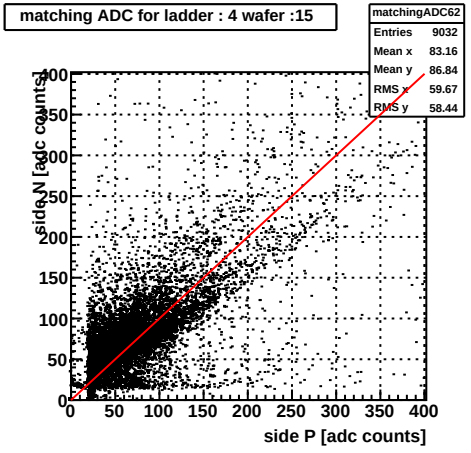

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5183
Mean x 71.74
Mean y 94.44
RMS x 52.74
RMS y 62.88
side N [adc counts]
side P [adc counts]

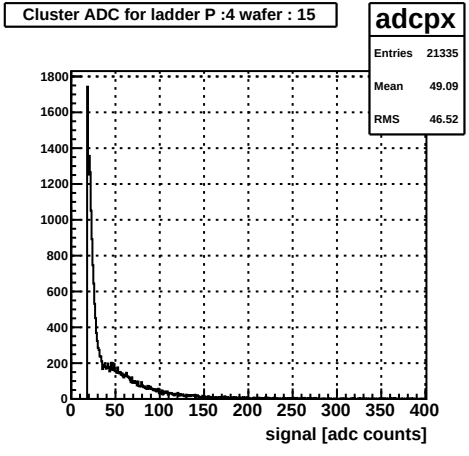

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 18495
Mean 40.49
RMS 35.08
signal [adc counts]

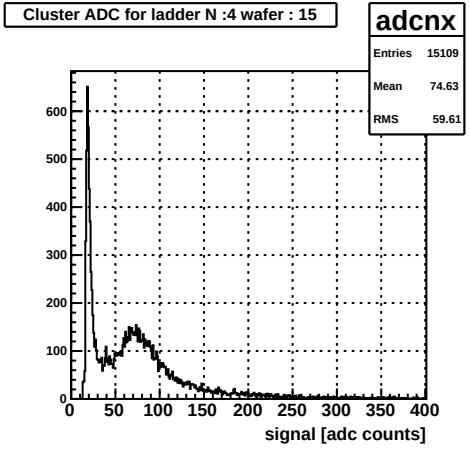

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 15097
Mean 82.36
RMS 59.44
signal [adc counts]

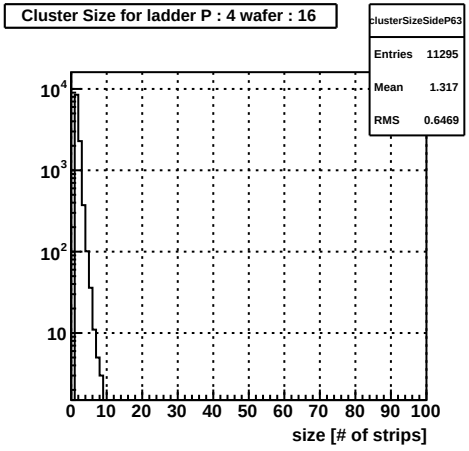

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 21335
Mean 1.205
RMS 0.5176
size [# of strips]

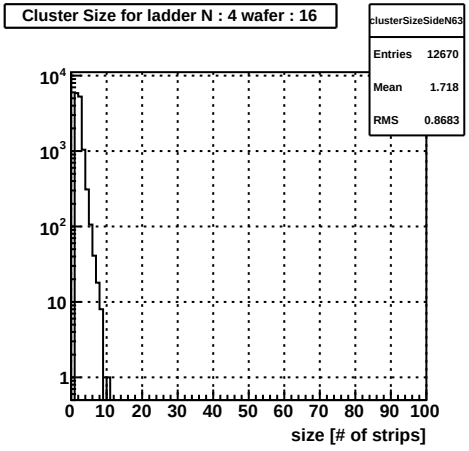

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 15109
Mean 1.536
RMS 0.8281
size [# of strips]

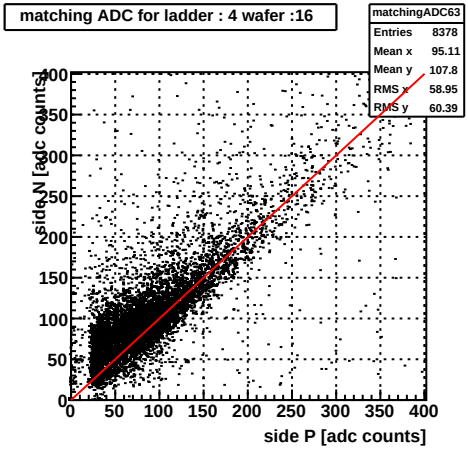

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 9032
Mean x 83.16
Mean y 86.84
RMS x 59.67
RMS y 58.44
side N [adc counts]
side P [adc counts]

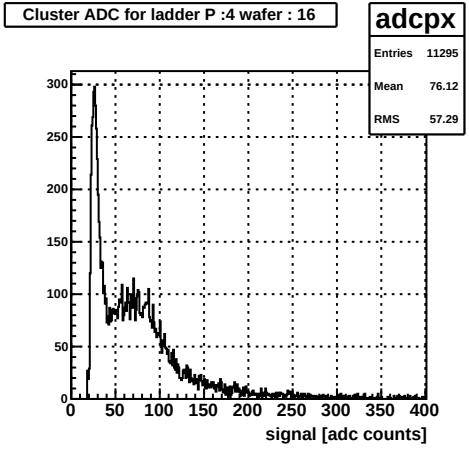

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 21335
Mean 49.09
RMS 46.52
signal [adc counts]

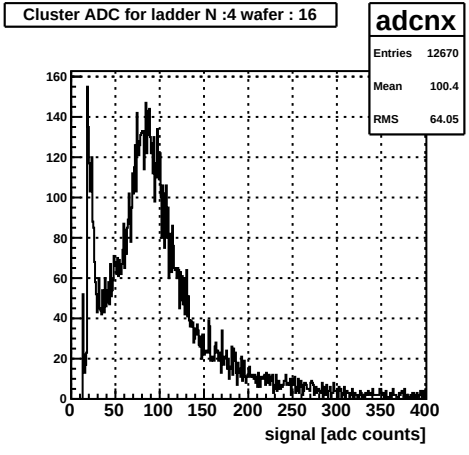

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 15109
Mean 74.63
RMS 59.61
signal [adc counts]

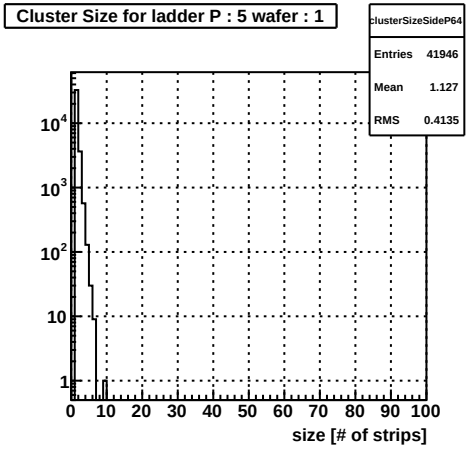

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 11295
Mean 1.317
RMS 0.6469
size [# of strips]

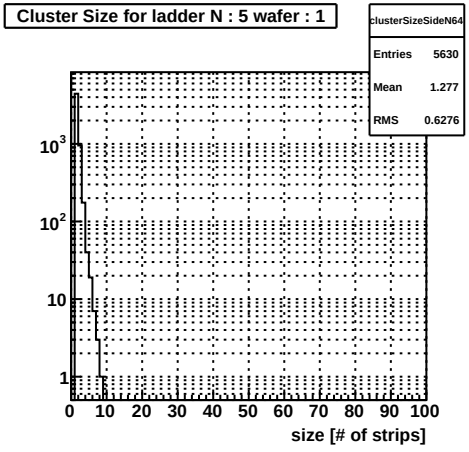

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 12670
Mean 1.718
RMS 0.8683
size [# of strips]

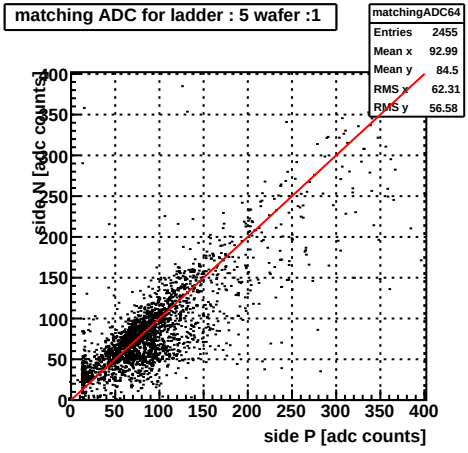

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 8378
Mean x 95.11
Mean y 107.8
RMS x 58.95
RMS y 60.39
side N [adc counts]
side P [adc counts]

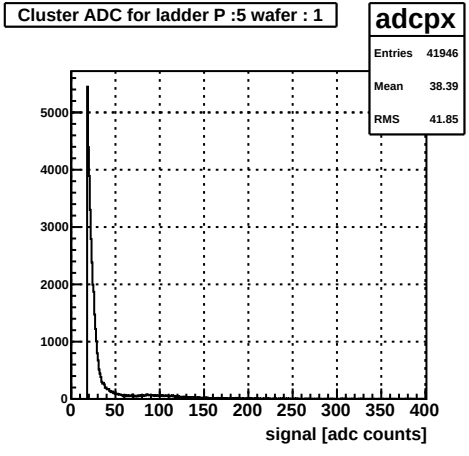

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 11295
Mean 76.12
RMS 57.29
signal [adc counts]

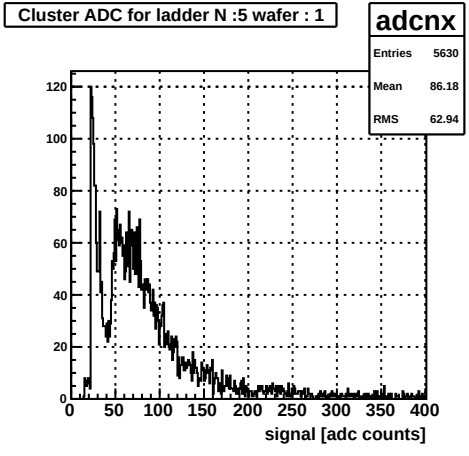

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 12670
Mean 100.4
RMS 64.05
signal [adc counts]

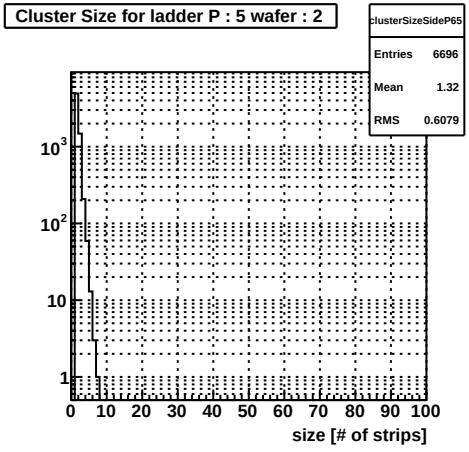

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 41946
Mean 1.127
RMS 0.4135
size [# of strips]

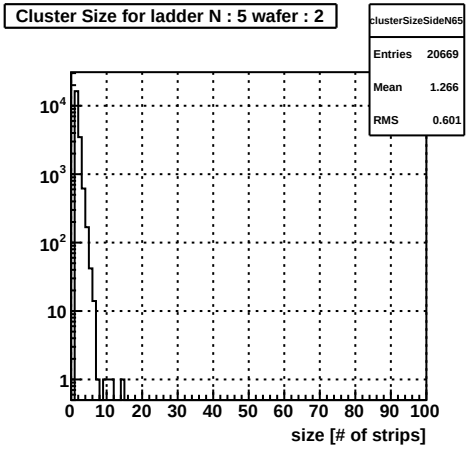

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 5630
Mean 1.277
RMS 0.6276
size [# of strips]

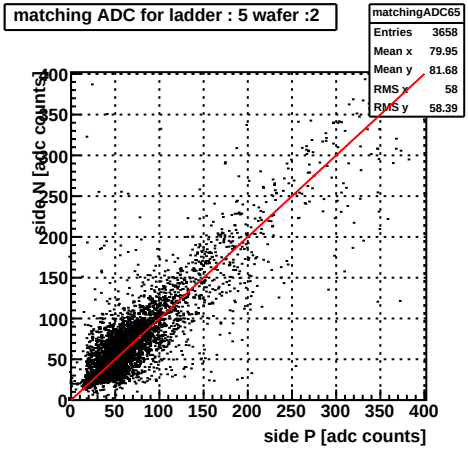

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 2455
Mean x 92.99
Mean y 84.5
RMS x 62.31
RMS y 56.58
side N [adc counts]
side P [adc counts]

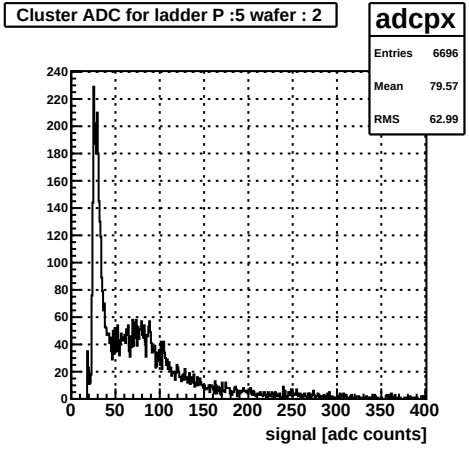

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 41946
Mean 38.39
RMS 41.85
signal [adc counts]

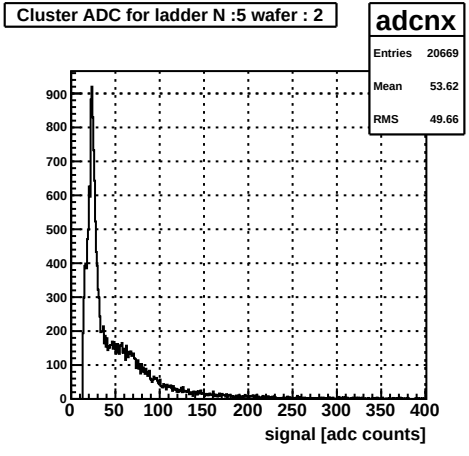

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 5630
Mean 86.18
RMS 62.94
signal [adc counts]

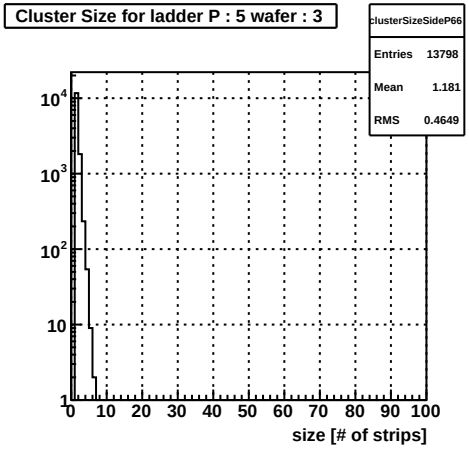

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 6696
Mean 1.32
RMS 0.6079
size [# of strips]

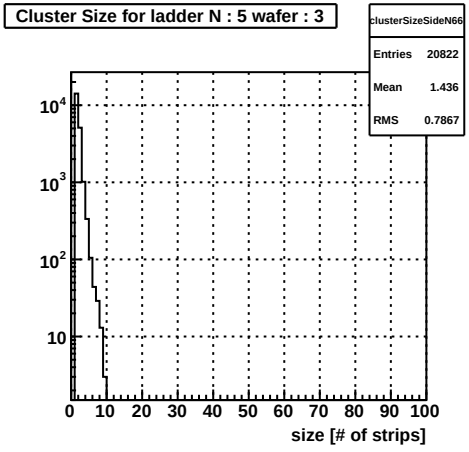

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 20669
Mean 1.266
RMS 0.601
size [# of strips]

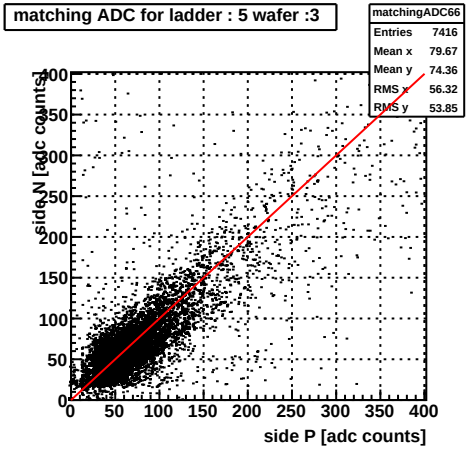

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3658
Mean x 79.95
Mean y 81.68
RMS x 58
RMS y 58.39
side N [adc counts]
side P [adc counts]

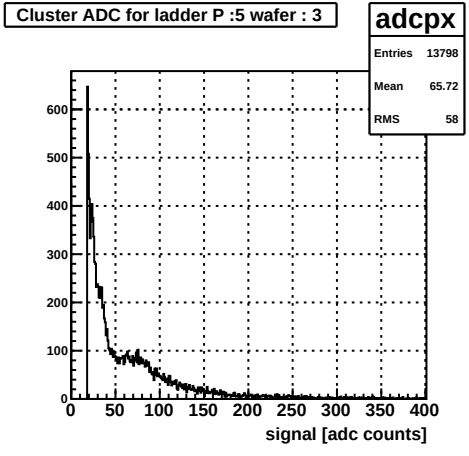

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 6696
Mean 79.57
RMS 62.99
signal [adc counts]

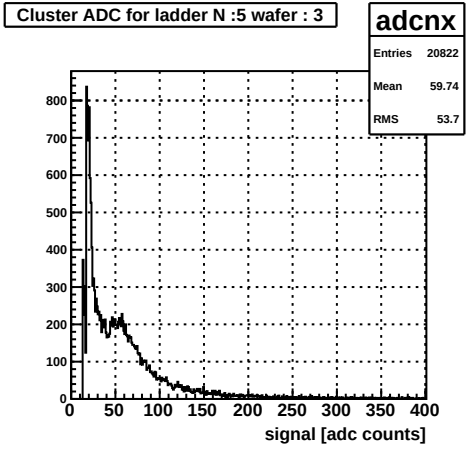

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 20669
Mean 53.62
RMS 49.66
signal [adc counts]

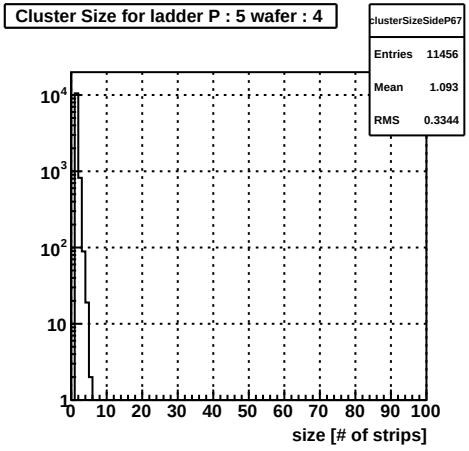

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 13798
Mean 1.181
RMS 0.4649
size [# of strips]

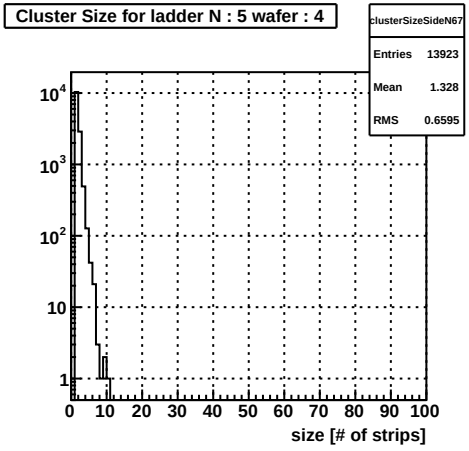

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 20822
Mean 1.436
RMS 0.7867
size [# of strips]

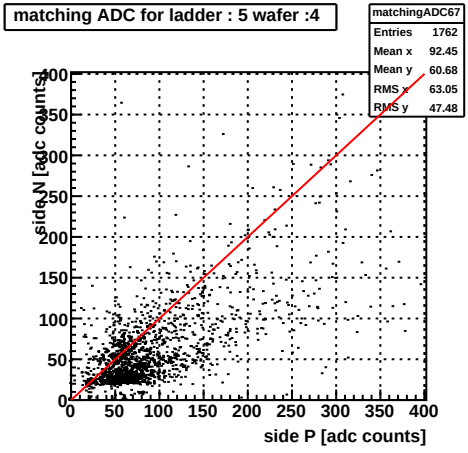

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 7416
Mean x 79.67
Mean y 74.36
RMS x 56.32
RMS y 53.85
side N [adc counts]
side P [adc counts]

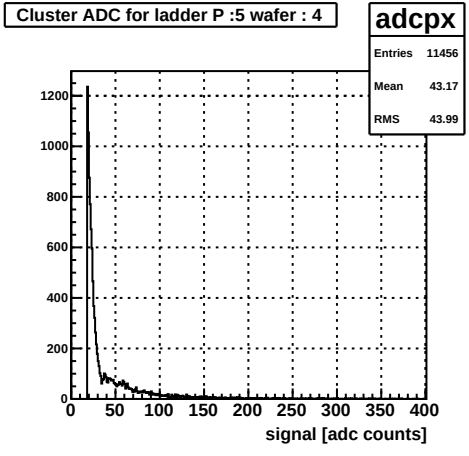

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 13798
Mean 65.72
RMS 58
signal [adc counts]

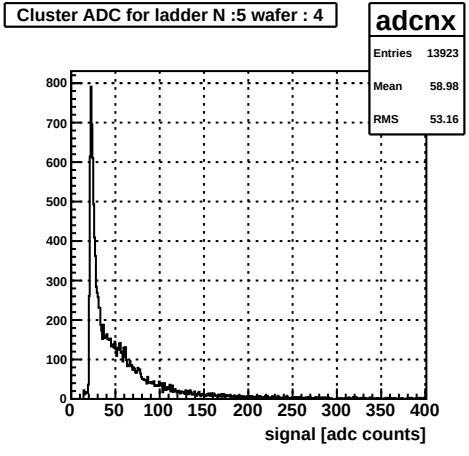

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 20822
Mean 59.74
RMS 53.7
signal [adc counts]

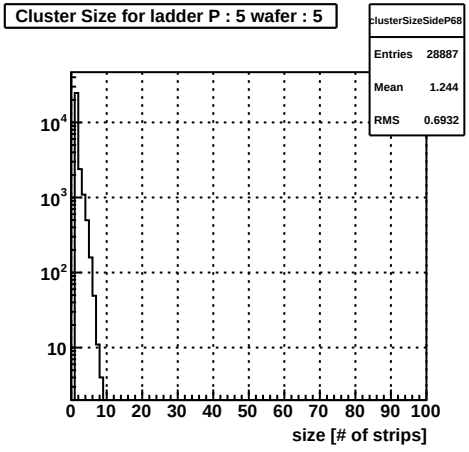

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 11456
Mean 1.093
RMS 0.3344
size [# of strips]

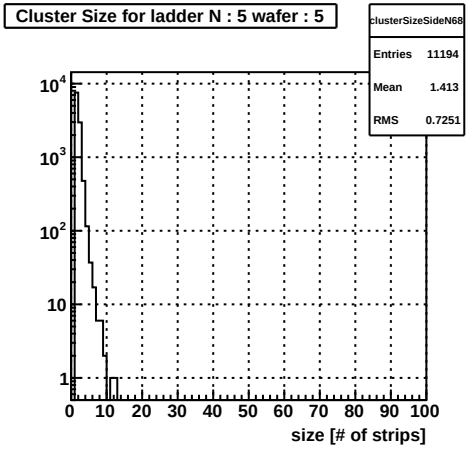

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 13923
Mean 1.328
RMS 0.6595
size [# of strips]

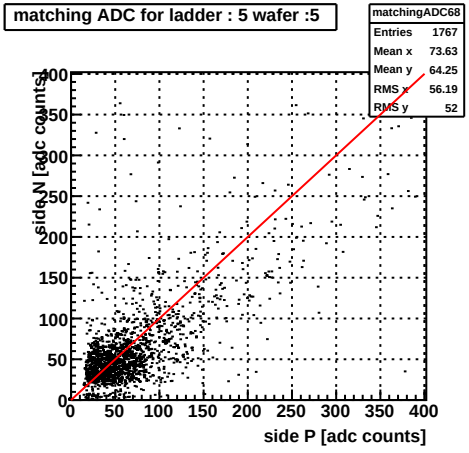

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1762
Mean x 92.45
Mean y 60.68
RMS x 63.05
RMS y 47.48
side N [adc counts]
side P [adc counts]

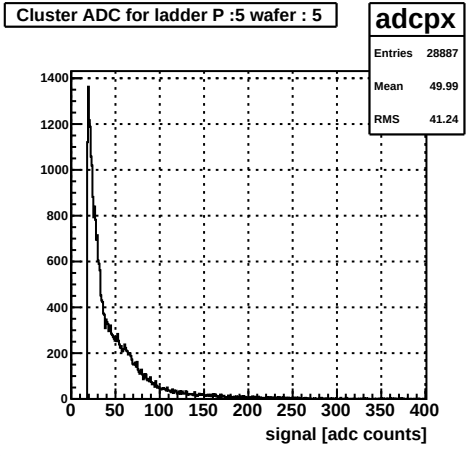

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 11456
Mean 43.17
RMS 43.99
signal [adc counts]

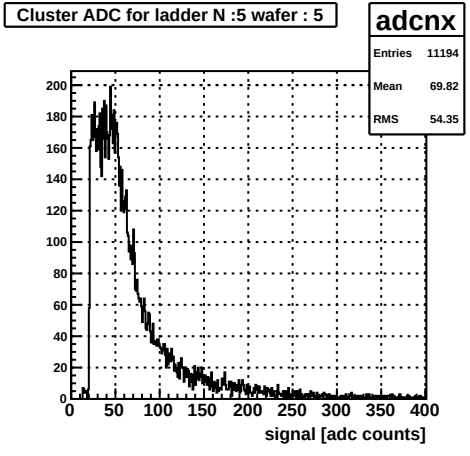

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 13923
Mean 58.98
RMS 53.16
signal [adc counts]

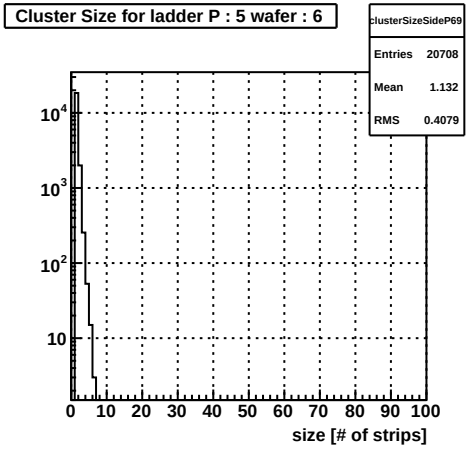

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 28887
Mean 1.244
RMS 0.6932
size [# of strips]

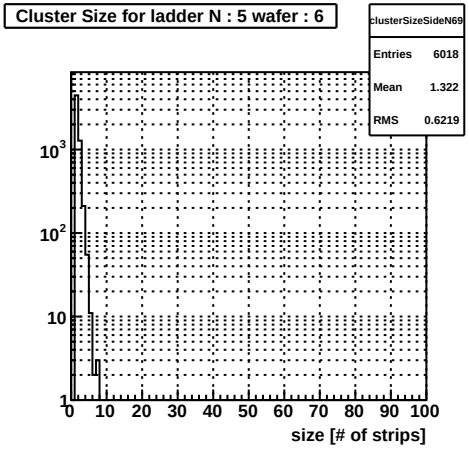

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 11194
Mean 1.413
RMS 0.7251
size [# of strips]

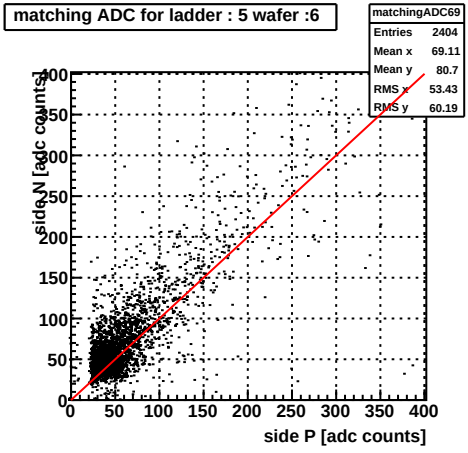

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1767
Mean x 73.63
Mean y 64.25
RMS x 56.19
RMS y 52
side N [adc counts]
side P [adc counts]

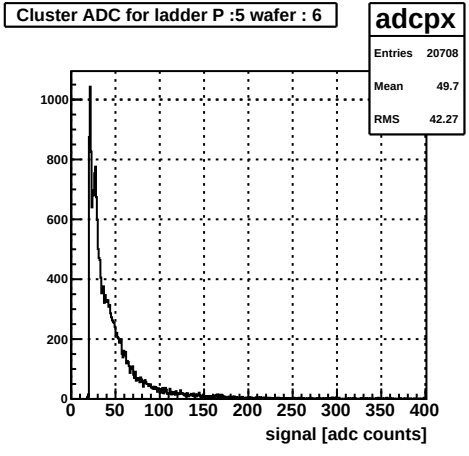

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 28887
Mean 49.99
RMS 41.24
signal [adc counts]

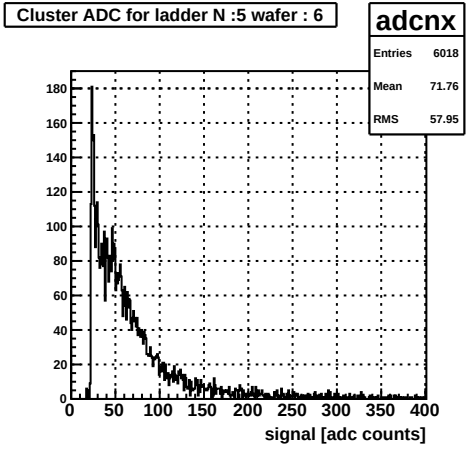

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 11194
Mean 69.82
RMS 54.35
signal [adc counts]

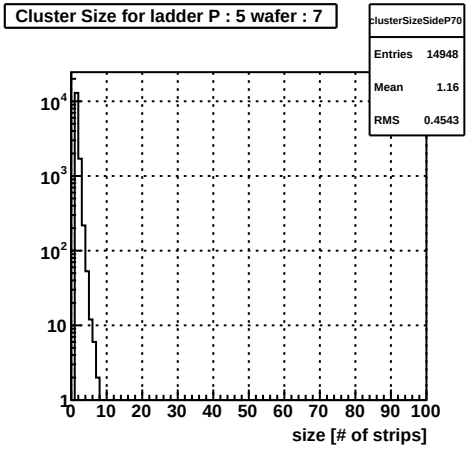

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 20708
Mean 1.132
RMS 0.4079
size [# of strips]

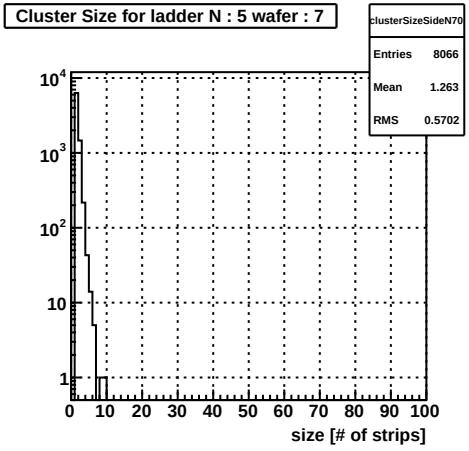

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 6018
Mean 1.322
RMS 0.6219
size [# of strips]

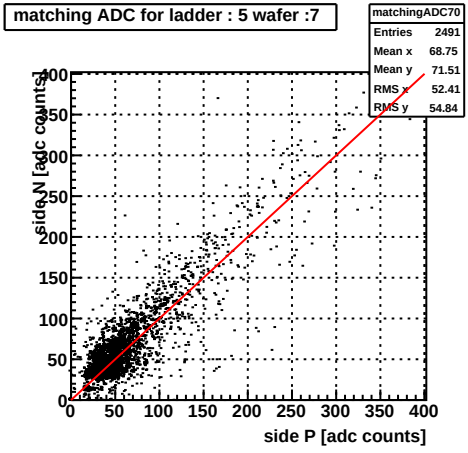

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2404
Mean x 69.11
Mean y 80.7
RMS x 53.43
RMS y 60.19
side N [adc counts]
side P [adc counts]

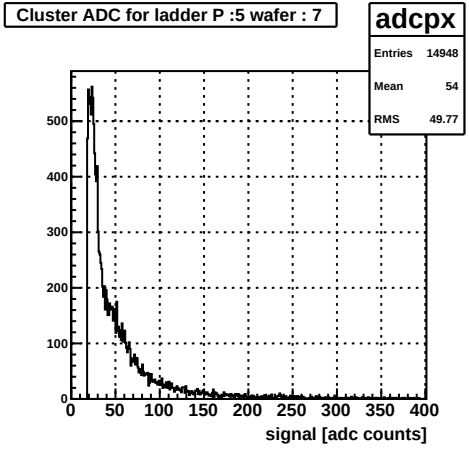

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 20708
Mean 49.7
RMS 42.27
signal [adc counts]

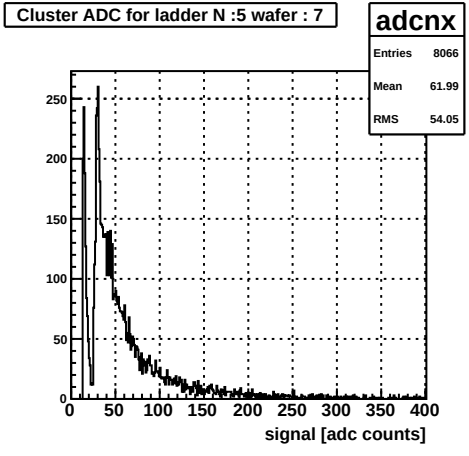

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 6018
Mean 71.76
RMS 57.95
signal [adc counts]

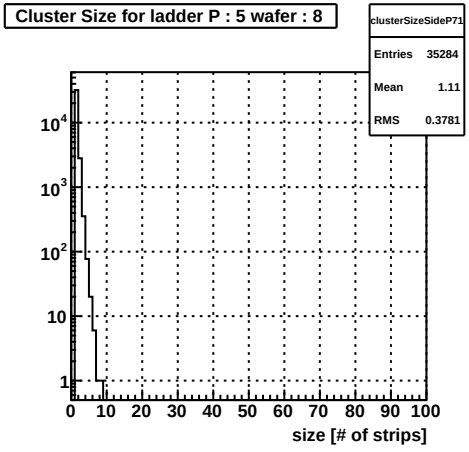

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 14948
Mean 1.16
RMS 0.4543
size [# of strips]

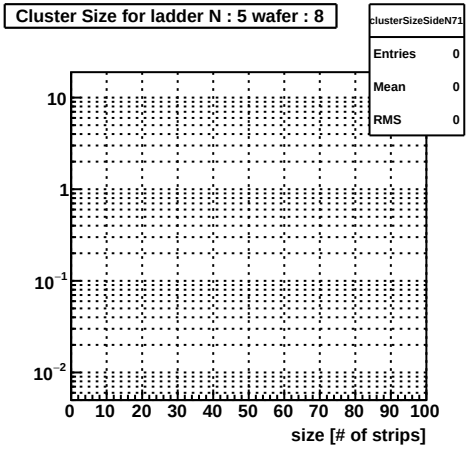

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 8066
Mean 1.263
RMS 0.5702
size [# of strips]

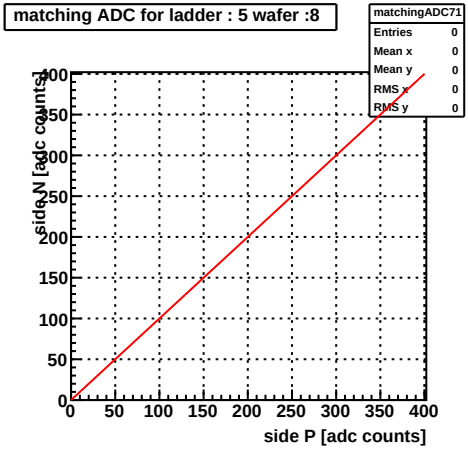

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 2491
Mean x 68.75
Mean y 71.51
RMS x 52.41
RMS y 54.84
side N [adc counts]
side P [adc counts]

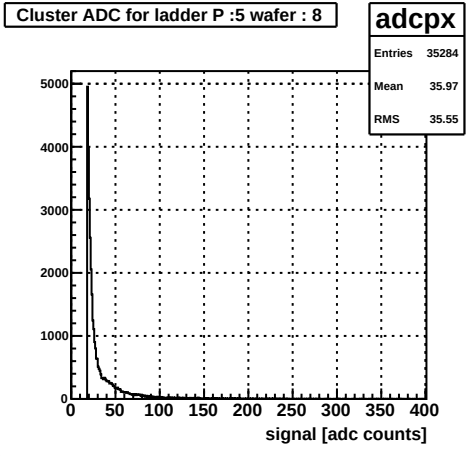

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 14948
Mean 54
RMS 49.77
signal [adc counts]

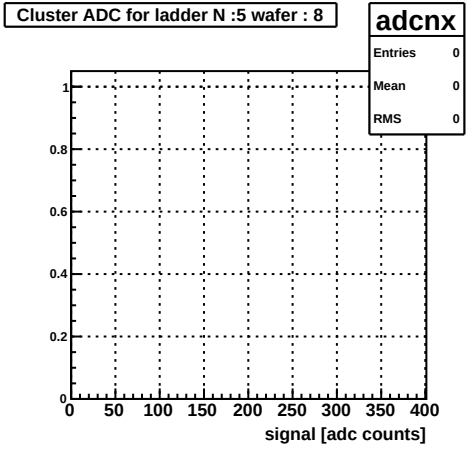

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 8066
Mean 61.99
RMS 54.05
signal [adc counts]

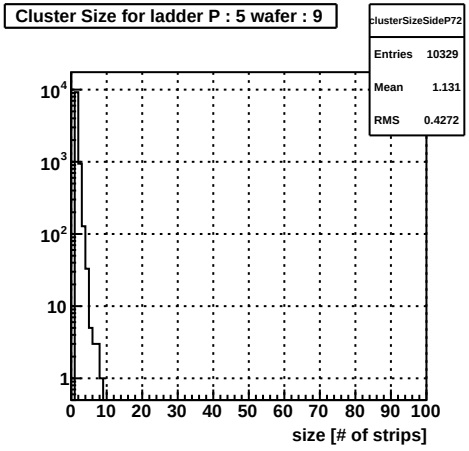

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 35284
Mean 1.11
RMS 0.3781
size [# of strips]

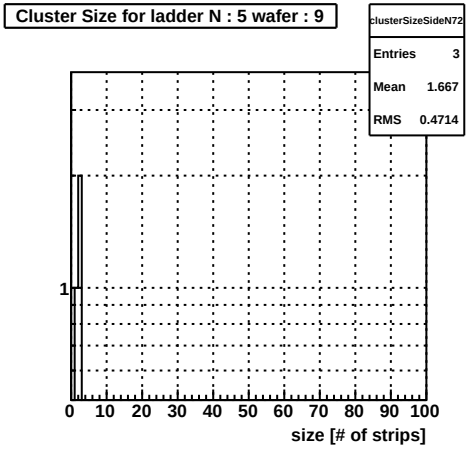

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

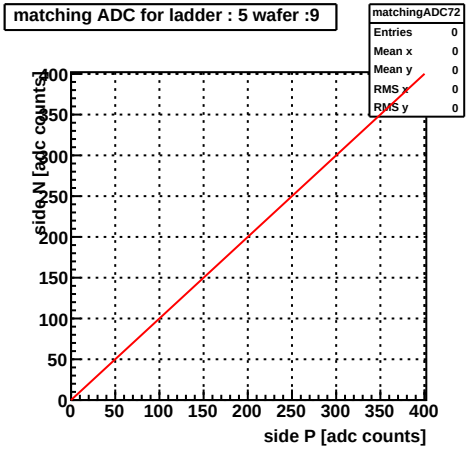

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

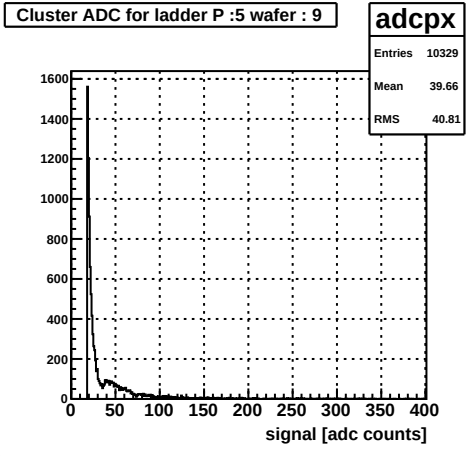

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 35284
Mean 35.97
RMS 35.55
signal [adc counts]

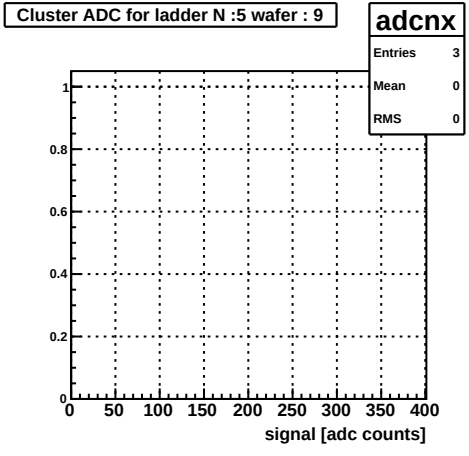

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

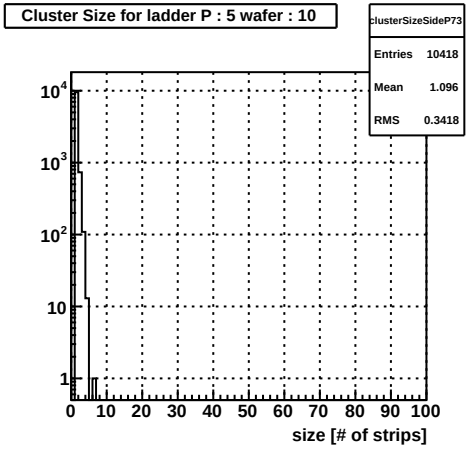

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 10329
Mean 1.131
RMS 0.4272
size [# of strips]

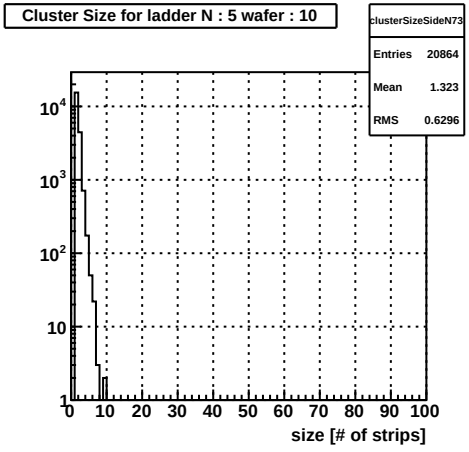

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 3
Mean 1.667
RMS 0.4714
size [# of strips]

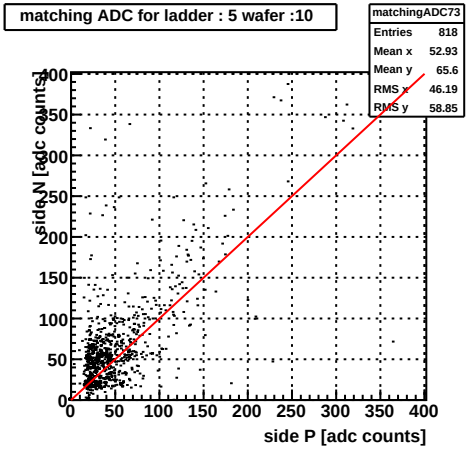

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

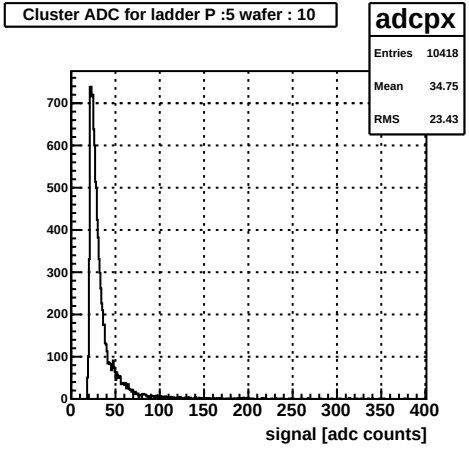

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 10329
Mean 39.66
RMS 40.81
signal [adc counts]

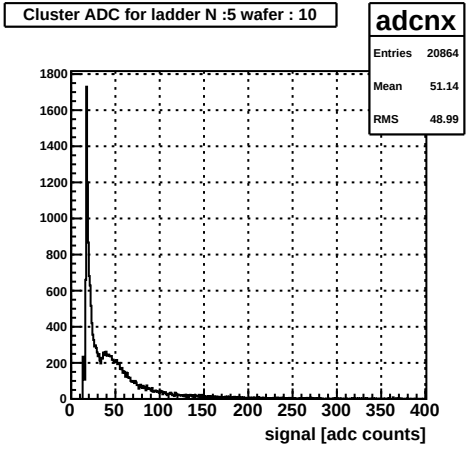

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

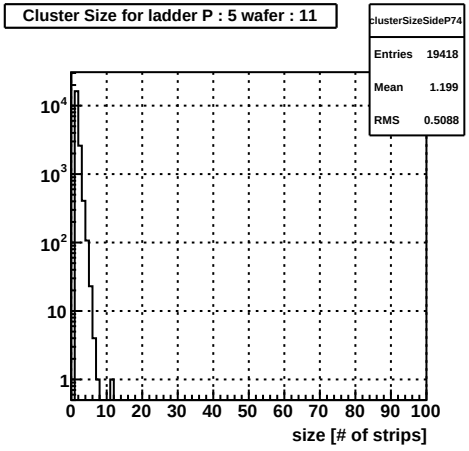

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 10418
Mean 1.096
RMS 0.3418
size [# of strips]

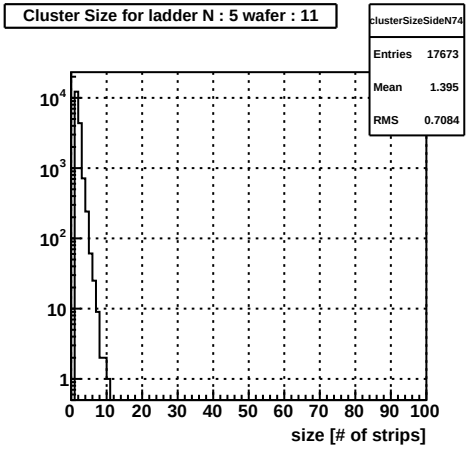

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 20864
Mean 1.323
RMS 0.6296
size [# of strips]

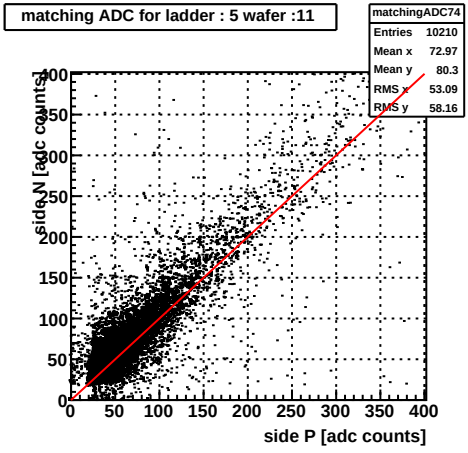

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 818
Mean x 52.93
Mean y 65.6
RMS x 46.19
RMS y 58.85
side N [adc counts]
side P [adc counts]

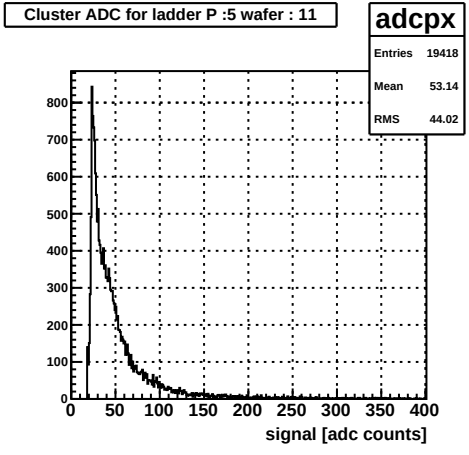

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 10418
Mean 34.75
RMS 23.43
signal [adc counts]

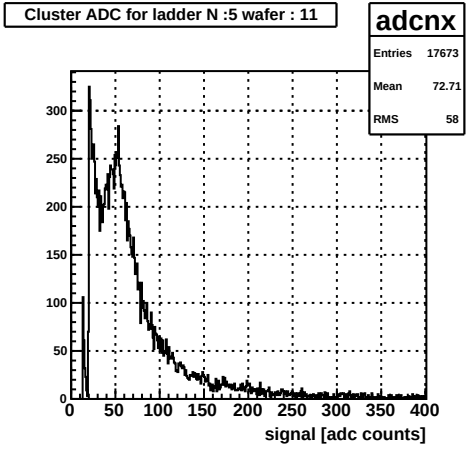

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 20864
Mean 51.14
RMS 48.99
signal [adc counts]

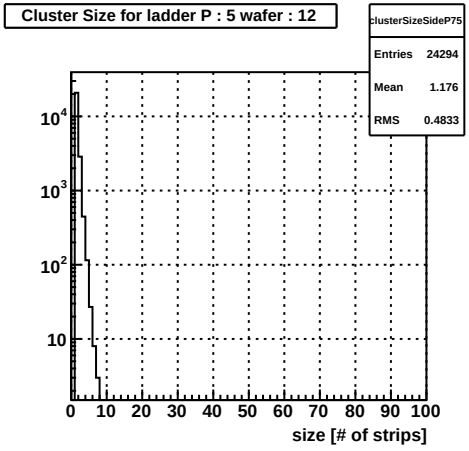

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 19418
Mean 1.199
RMS 0.5088
size [# of strips]

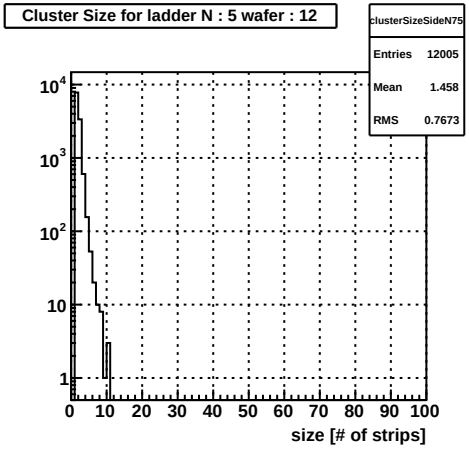

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 17673
Mean 1.395
RMS 0.7084
size [# of strips]

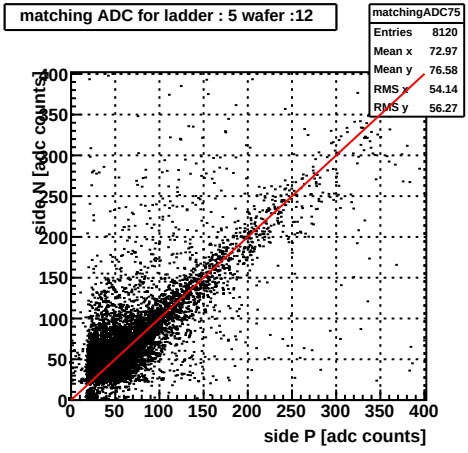

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 10210
Mean x 72.97
Mean y 80.3
RMS x 53.09
RMS y 58.16
side N [adc counts]
side P [adc counts]

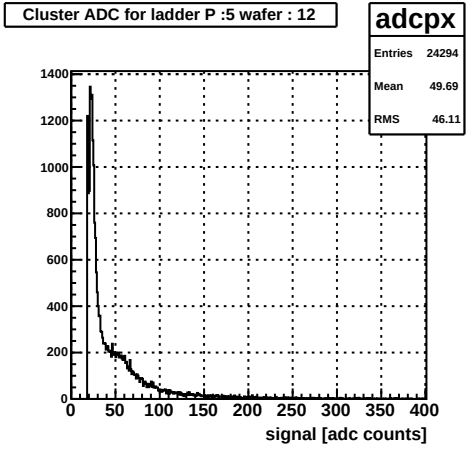

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 19418
Mean 53.14
RMS 44.02
signal [adc counts]

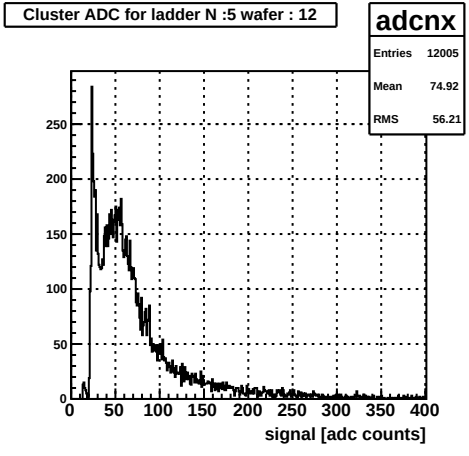

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 17673
Mean 72.71
RMS 58
signal [adc counts]

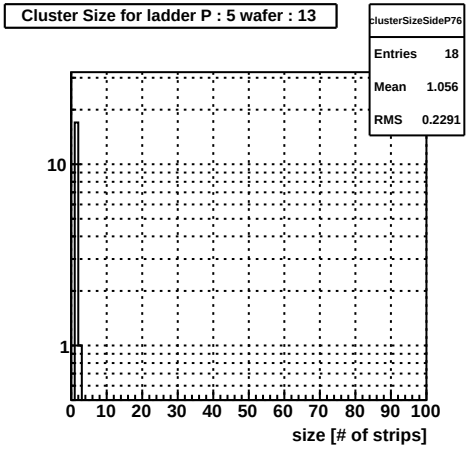

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 24294
Mean 1.176
RMS 0.4833
size [# of strips]

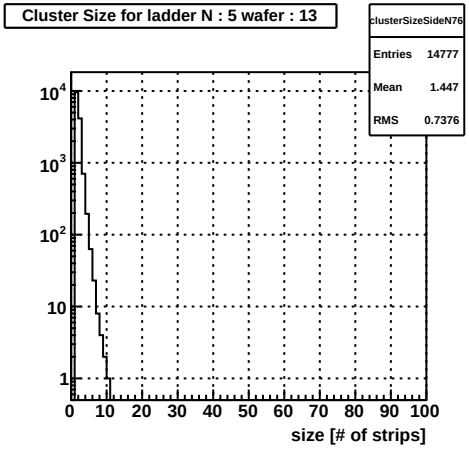

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 12005
Mean 1.458
RMS 0.7673
size [# of strips]

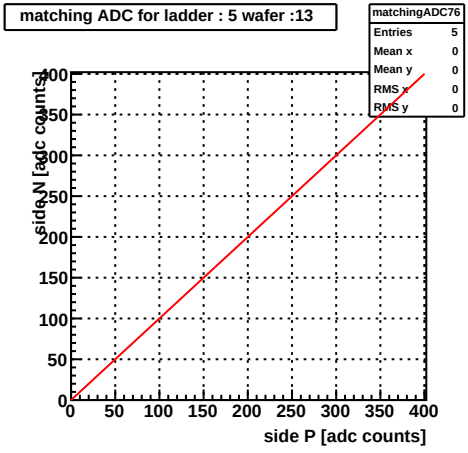

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 8120
Mean x 72.97
Mean y 76.58
RMS x 54.14
RMS y 56.27
side N [adc counts]
side P [adc counts]

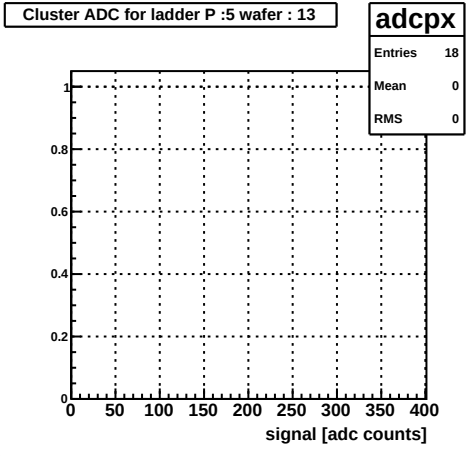

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 24294
Mean 49.69
RMS 46.11
signal [adc counts]

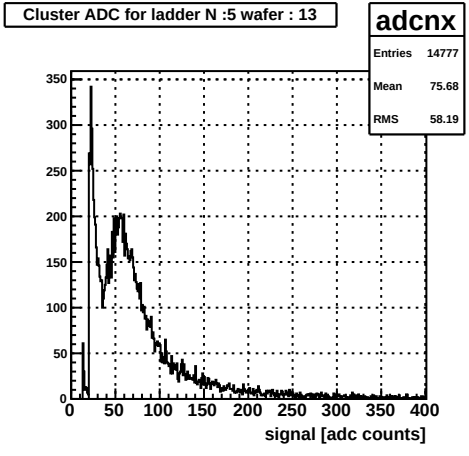

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 12005
Mean 74.92
RMS 56.21
signal [adc counts]

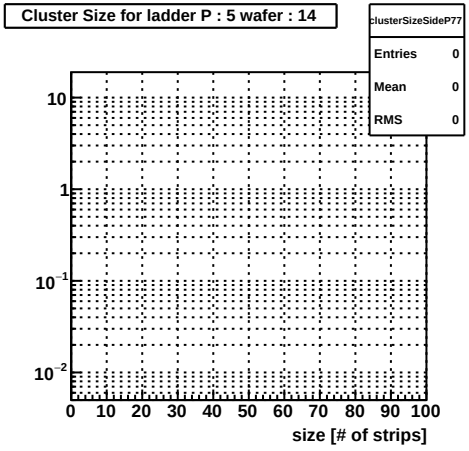

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 18
Mean 1.056
RMS 0.2291
size [# of strips]

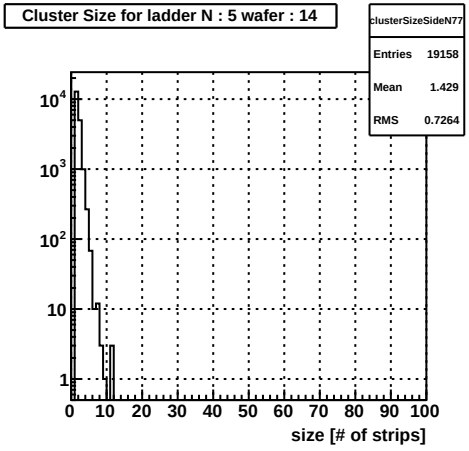

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 14777
Mean 1.447
RMS 0.7376
size [# of strips]

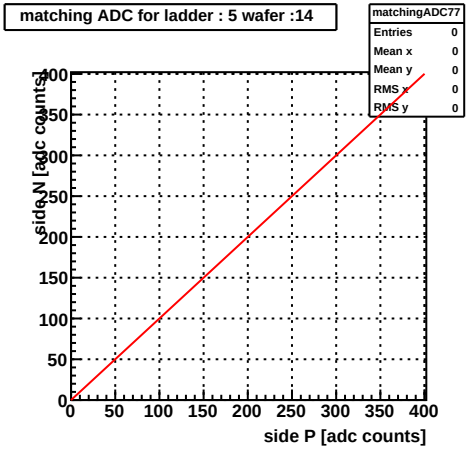

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

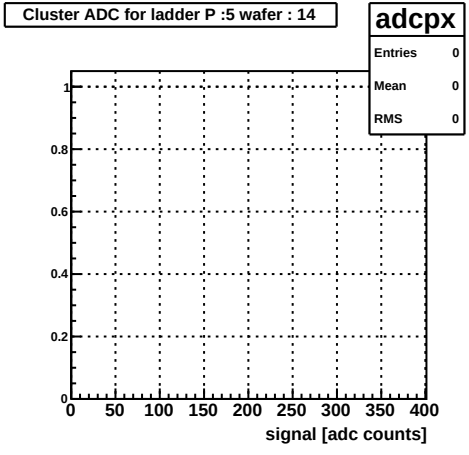

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 18
Mean 0
RMS 0
signal [adc counts]

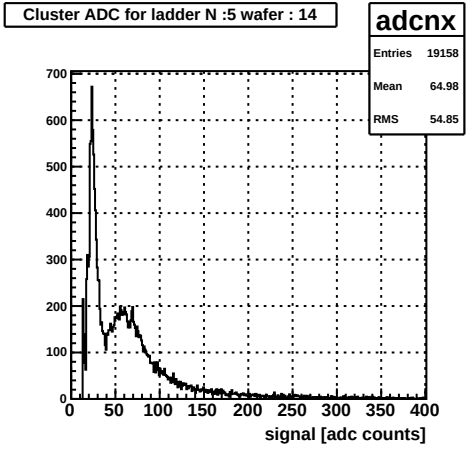

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 14777
Mean 75.68
RMS 58.19
signal [adc counts]

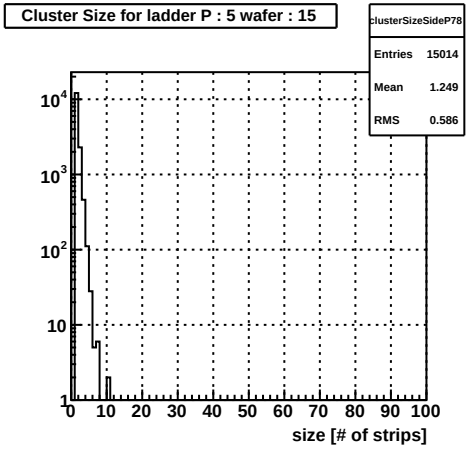

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

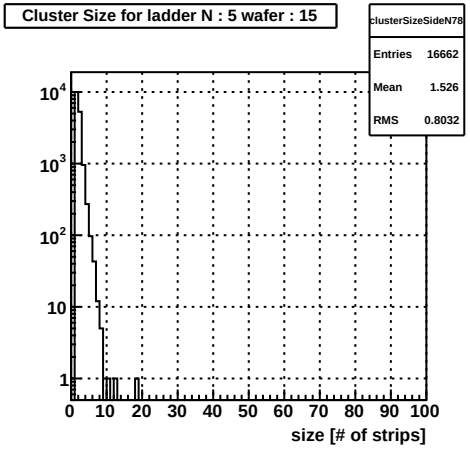

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 19158
Mean 1.429
RMS 0.7264
size [# of strips]

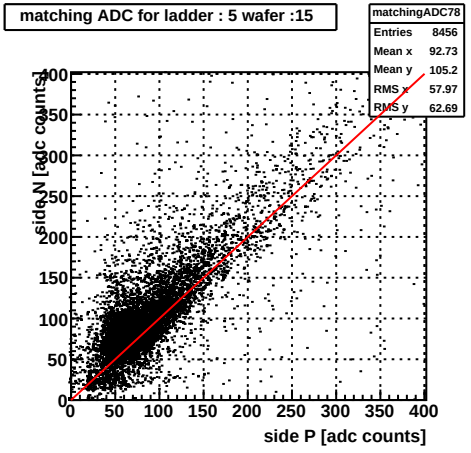

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

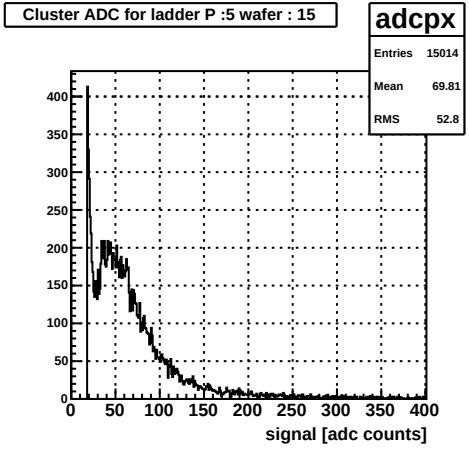

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

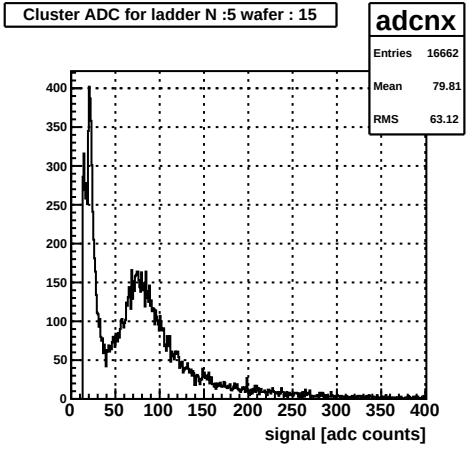

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 19158
Mean 64.98
RMS 54.85
signal [adc counts]

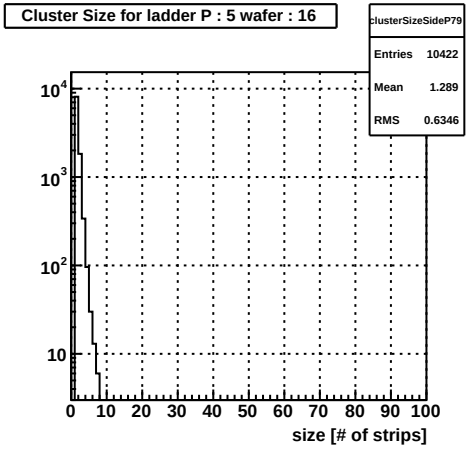

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 15014
Mean 1.249
RMS 0.586
size [# of strips]

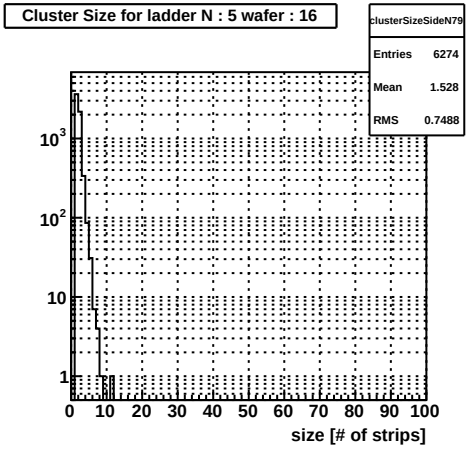

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 16662
Mean 1.526
RMS 0.8032
size [# of strips]

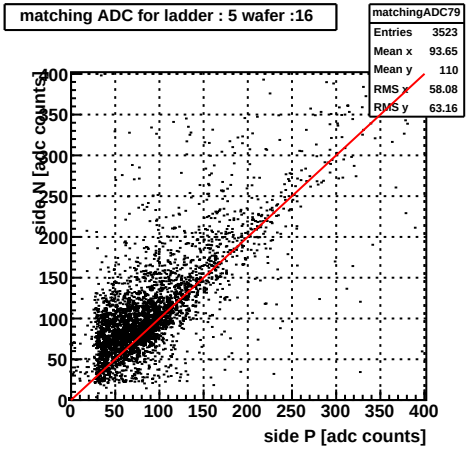

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 8456
Mean x 92.73
Mean y 105.2
RMS x 57.97
RMS y 62.69
side N [adc counts]
side P [adc counts]

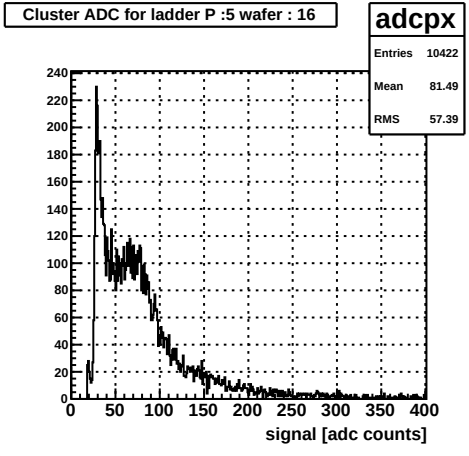

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 15014
Mean 69.81
RMS 52.8
signal [adc counts]

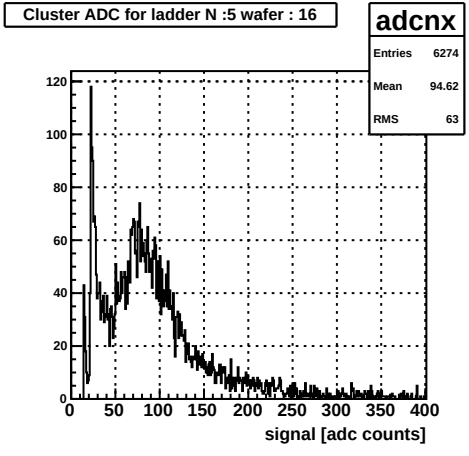

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 16662
Mean 79.81
RMS 63.12
signal [adc counts]

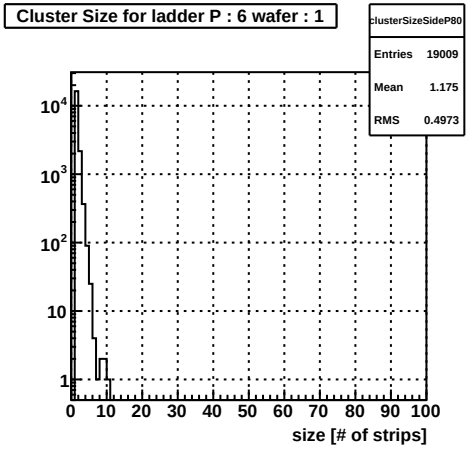

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 10422
Mean 1.289
RMS 0.6346
size [# of strips]

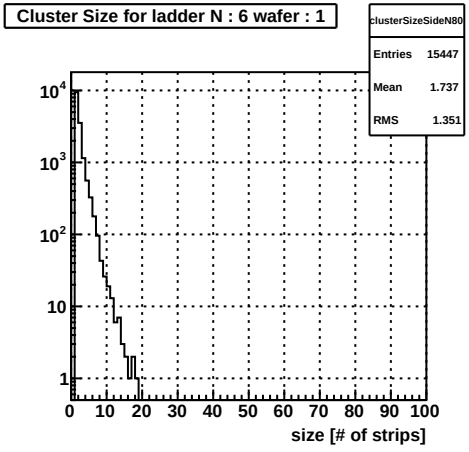

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 6274
Mean 1.528
RMS 0.7488
size [# of strips]

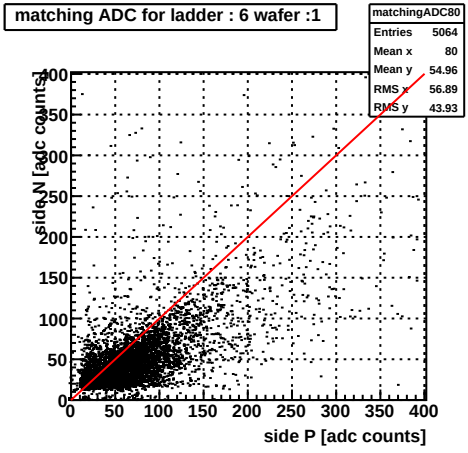

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3523
Mean x 93.65
Mean y 110
RMS x 58.08
RMS y 63.16
side N [adc counts]
side P [adc counts]

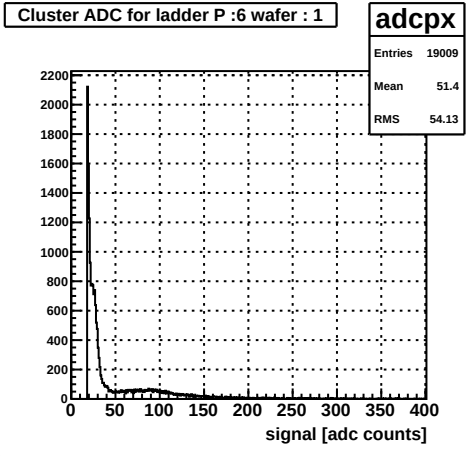

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 10422
Mean 81.49
RMS 57.39
signal [adc counts]

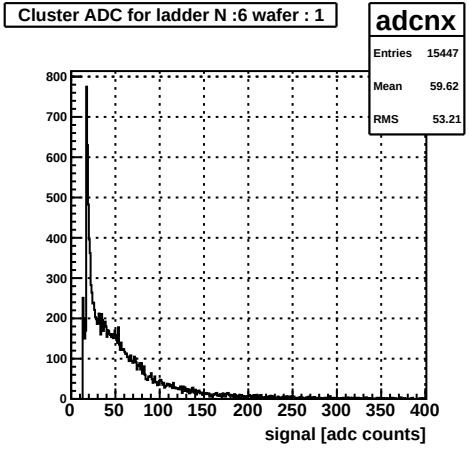

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 6274
Mean 94.62
RMS 63
signal [adc counts]

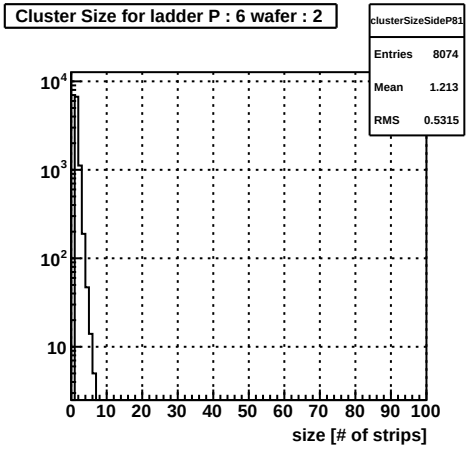

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 19009
Mean 1.175
RMS 0.4973
size [# of strips]

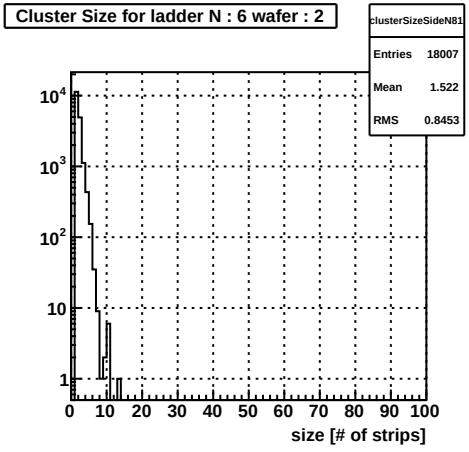

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 15447
Mean 1.737
RMS 1.351
size [# of strips]

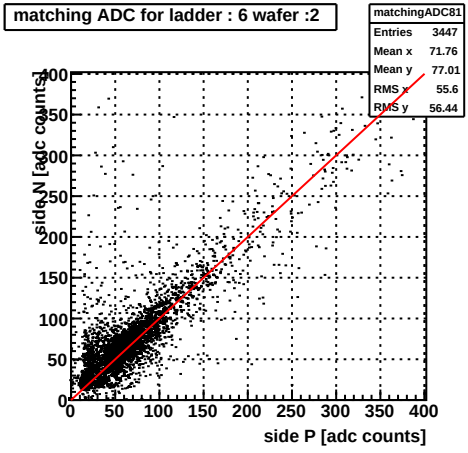

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 5064
Mean x 80
Mean y 54.96
RMS x 56.89
RMS y 43.93
side N [adc counts]
side P [adc counts]

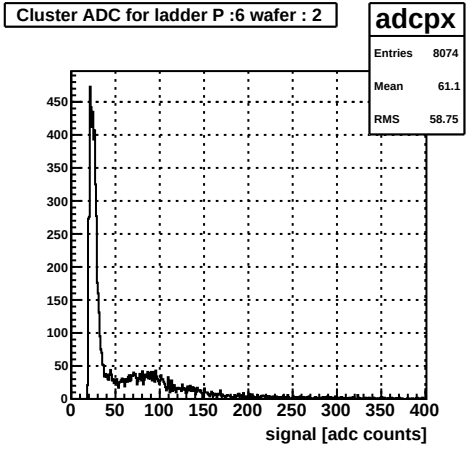

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 19009
Mean 51.4
RMS 54.13
signal [adc counts]

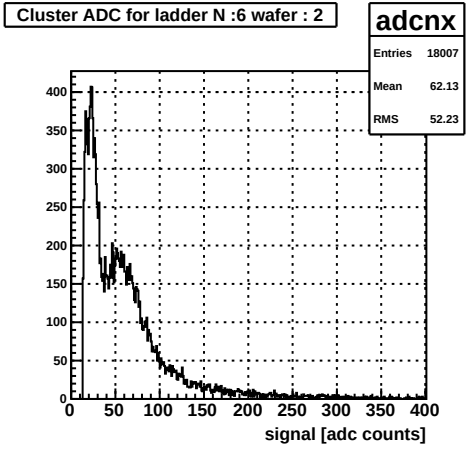

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 15447
Mean 59.62
RMS 53.21
signal [adc counts]

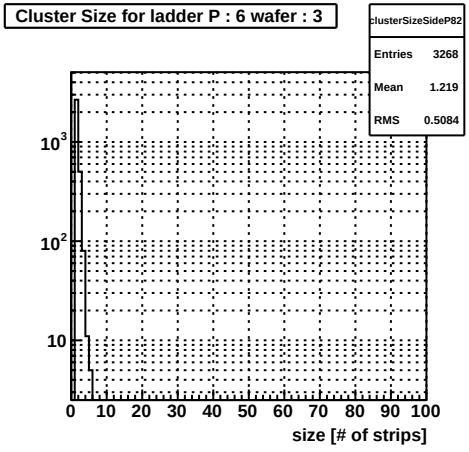

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 8074
Mean 1.213
RMS 0.5315
size [# of strips]

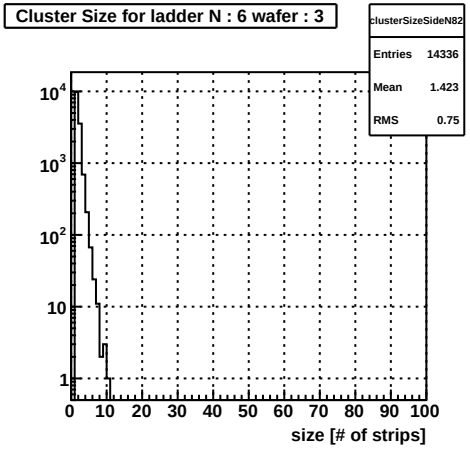

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 18007
Mean 1.522
RMS 0.8453
size [# of strips]

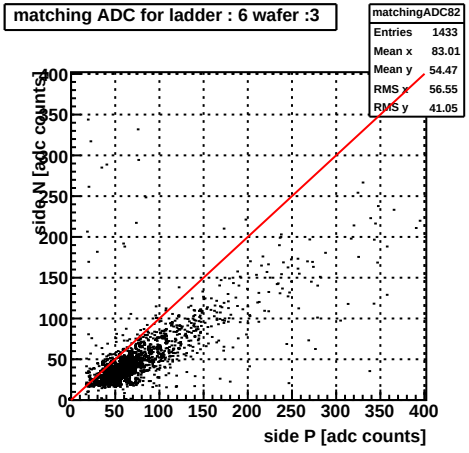

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 3447
Mean x 71.76
Mean y 77.01
RMS x 55.6
RMS y 56.44
side N [adc counts]
side P [adc counts]

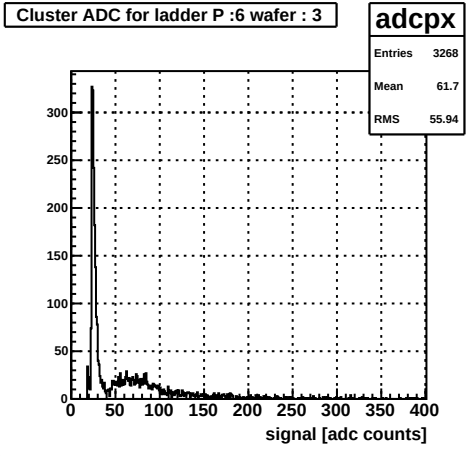

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 8074
Mean 61.1
RMS 58.75
signal [adc counts]

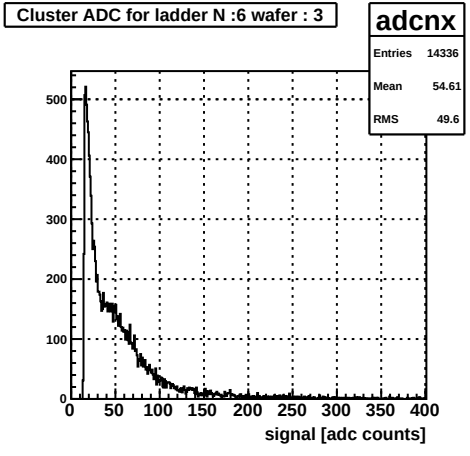

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 18007
Mean 62.13
RMS 52.23
signal [adc counts]

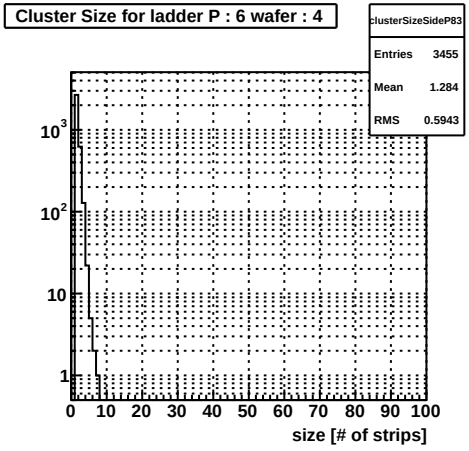

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 3268
Mean 1.219
RMS 0.5084
size [# of strips]

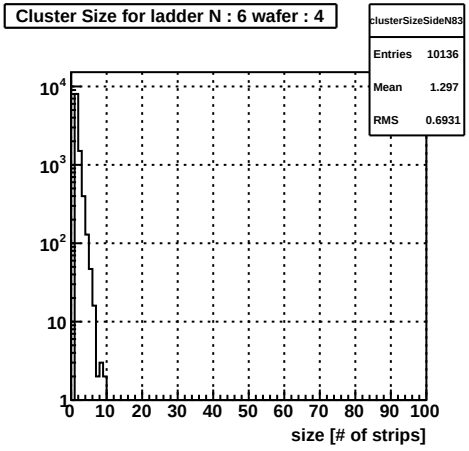

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 14336
Mean 1.423
RMS 0.75
size [# of strips]

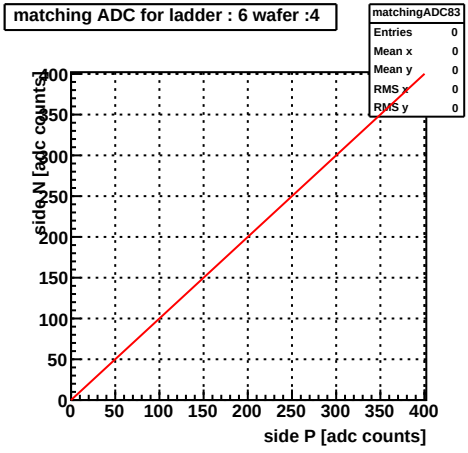

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1433
Mean x 83.01
Mean y 54.47
RMS x 56.55
RMS y 41.05
side N [adc counts]
side P [adc counts]

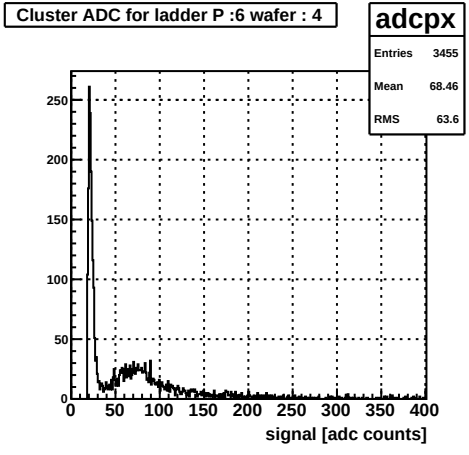

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 3268
Mean 61.7
RMS 55.94
signal [adc counts]

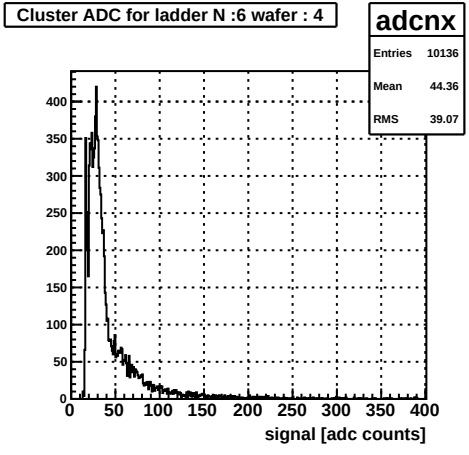

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 14336
Mean 54.61
RMS 49.6
signal [adc counts]

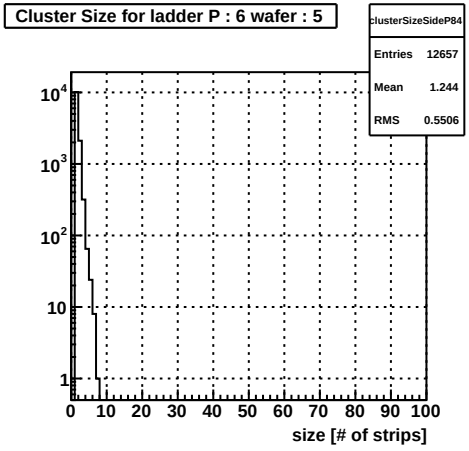

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 3455
Mean 1.284
RMS 0.5943
size [# of strips]

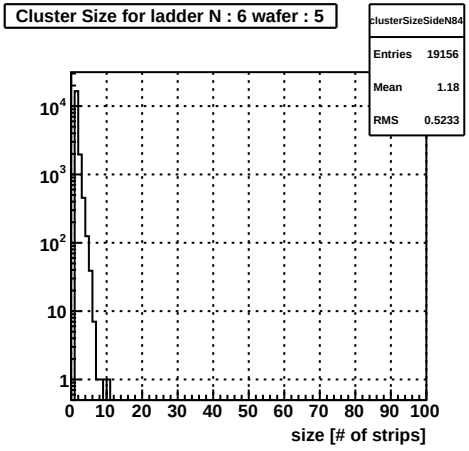

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 10136
Mean 1.297
RMS 0.6931
size [# of strips]

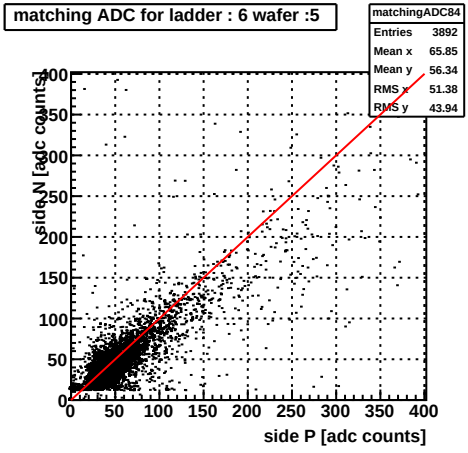

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

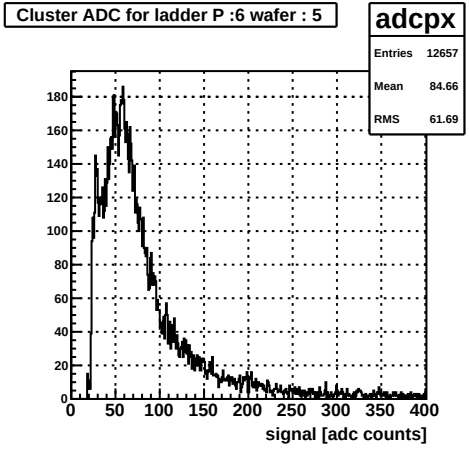

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 3455
Mean 68.46
RMS 63.6
signal [adc counts]

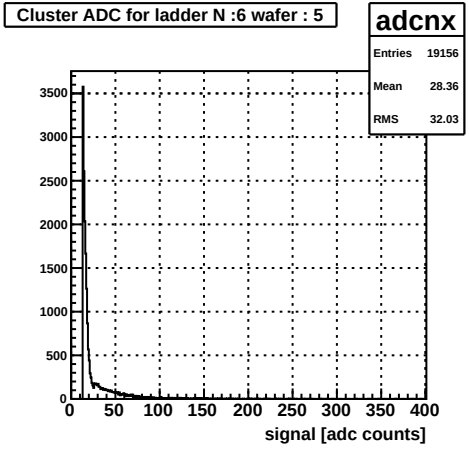

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 10136
Mean 44.36
RMS 39.07
signal [adc counts]

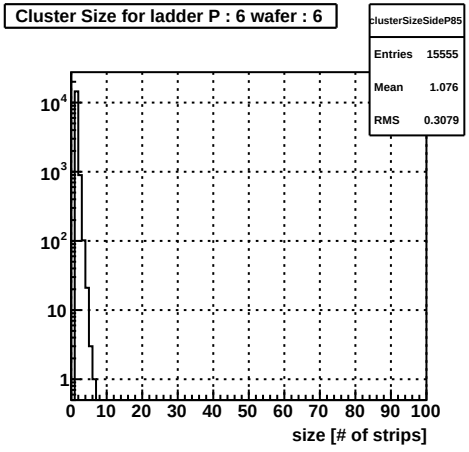

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 12657
Mean 1.244
RMS 0.5506
size [# of strips]

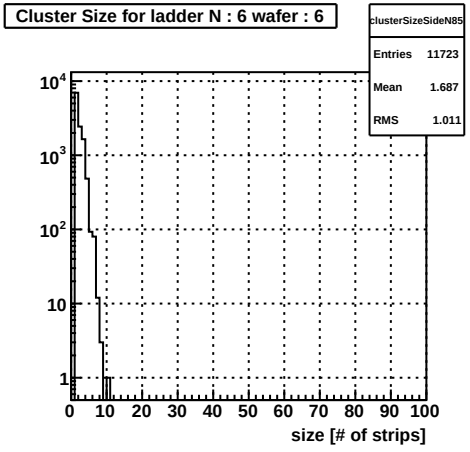

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 19156
Mean 1.18
RMS 0.5233
size [# of strips]

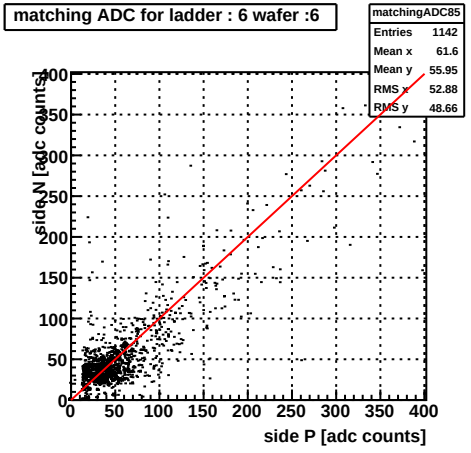

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 3892
Mean x 65.85
Mean y 56.34
RMS x 51.38
RMS y 43.94
side N [adc counts]
side P [adc counts]

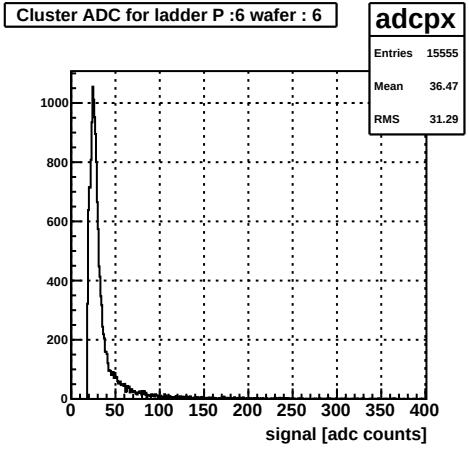

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 12657
Mean 84.66
RMS 61.69
signal [adc counts]

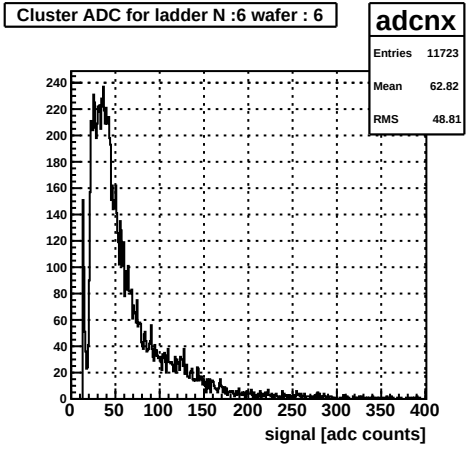

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 19156
Mean 28.36
RMS 32.03
signal [adc counts]

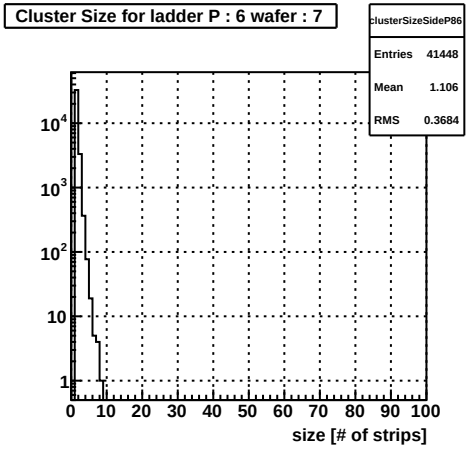

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 15555
Mean 1.076
RMS 0.3079
size [# of strips]

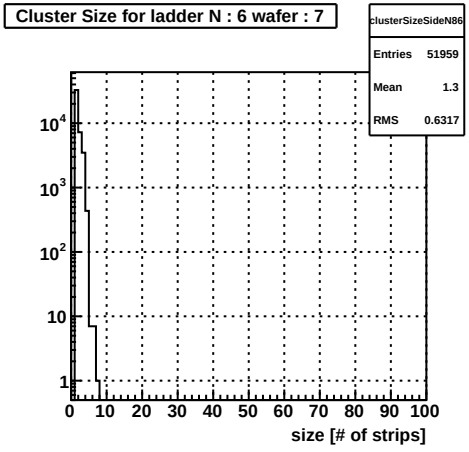

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 11723
Mean 1.687
RMS 1.011
size [# of strips]

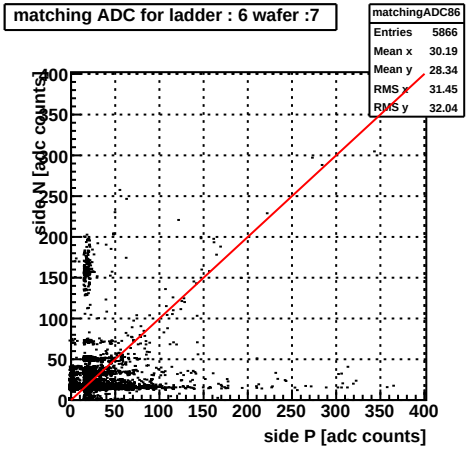

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1142
Mean x 61.6
Mean y 55.95
RMS x 52.88
RMS y 48.66
side N [adc counts]
side P [adc counts]

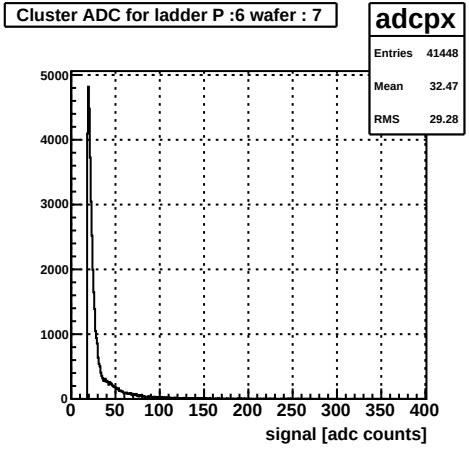

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 15555
Mean 36.47
RMS 31.29
signal [adc counts]

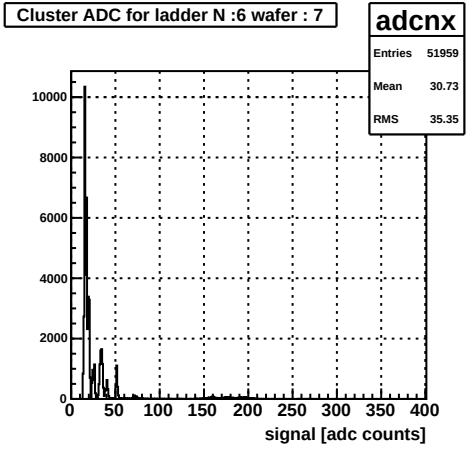

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 11723
Mean 62.82
RMS 48.81
signal [adc counts]

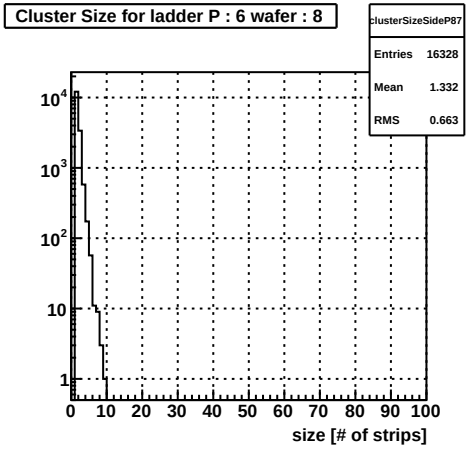

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 41448
Mean 1.106
RMS 0.3684
size [# of strips]

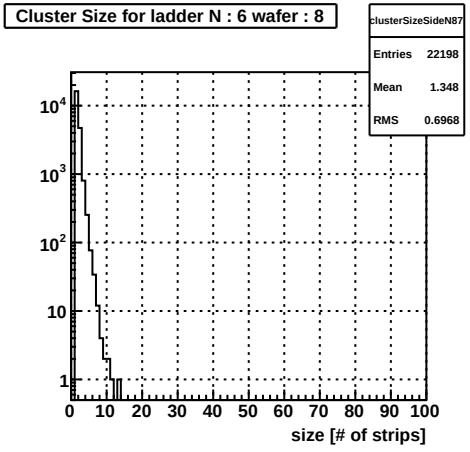

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 51959
Mean 1.3
RMS 0.6317
size [# of strips]

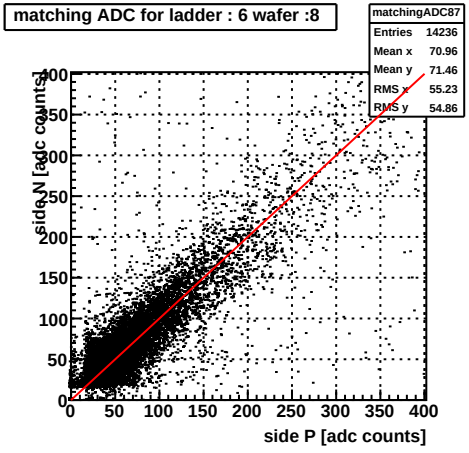

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 5866
Mean x 30.19
Mean y 28.34
RMS x 31.45
RMS y 32.04
side N [adc counts]
side P [adc counts]

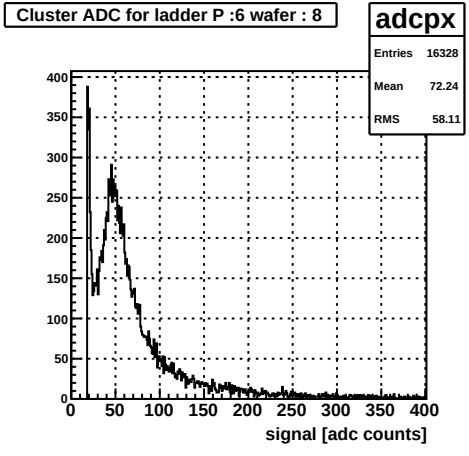

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 41448
Mean 32.47
RMS 29.28
signal [adc counts]

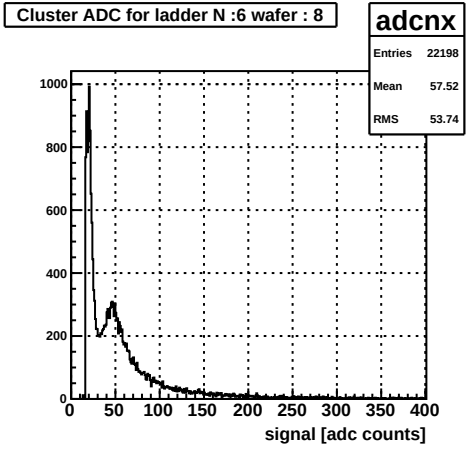

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 51959
Mean 30.73
RMS 35.35
signal [adc counts]

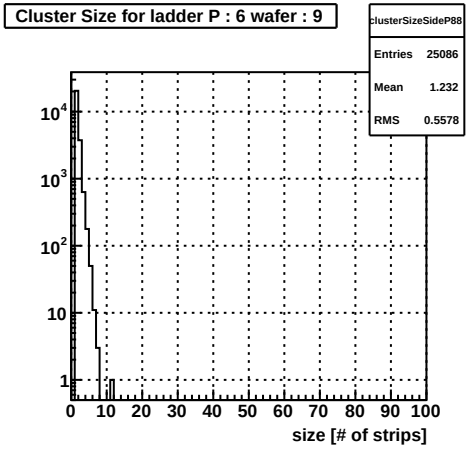

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 16328
Mean 1.332
RMS 0.663
size [# of strips]

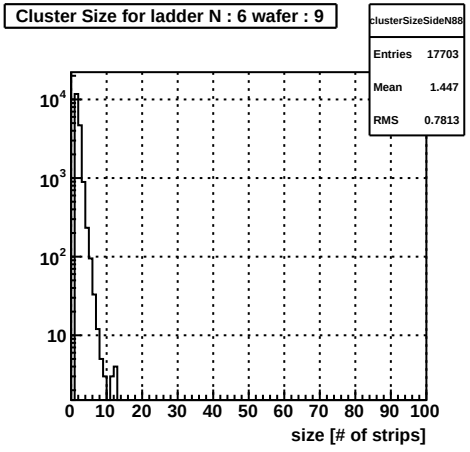

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 22198
Mean 1.348
RMS 0.6968
size [# of strips]

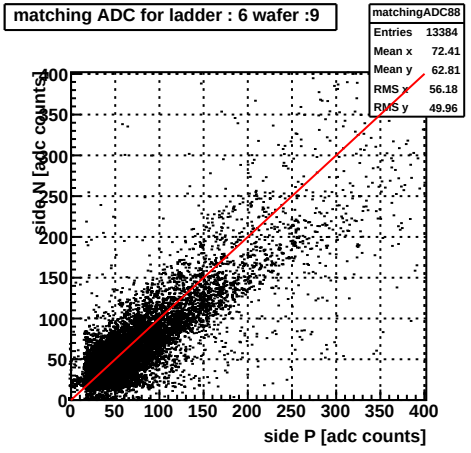

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 14236
Mean x 70.96
Mean y 71.46
RMS x 55.23
RMS y 54.86
side N [adc counts]
side P [adc counts]

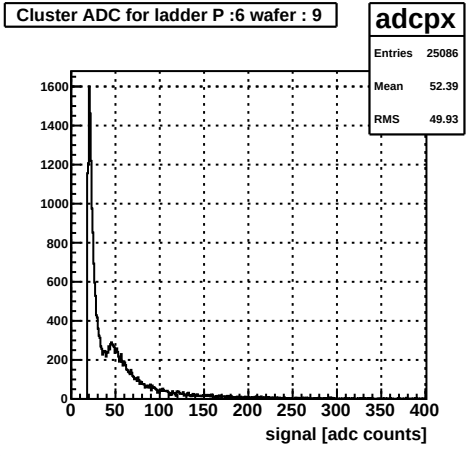

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 16328
Mean 72.24
RMS 58.11
signal [adc counts]

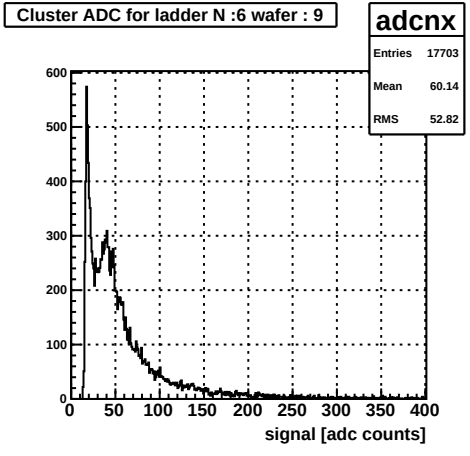

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 22198
Mean 57.52
RMS 53.74
signal [adc counts]

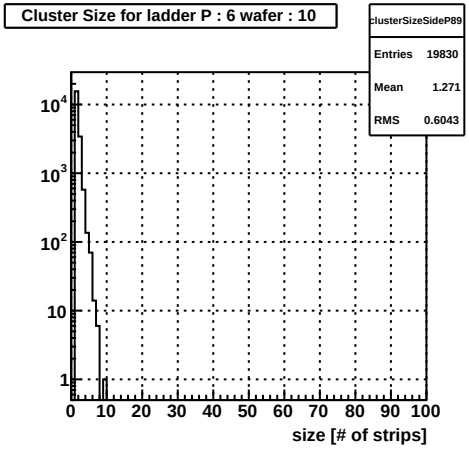

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 25086
Mean 1.232
RMS 0.5578
size [# of strips]

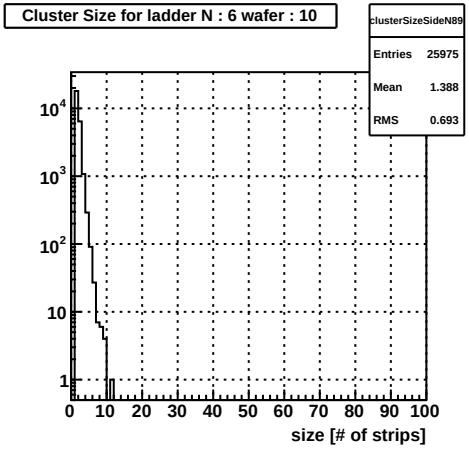

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 17703
Mean 1.447
RMS 0.7813
size [# of strips]

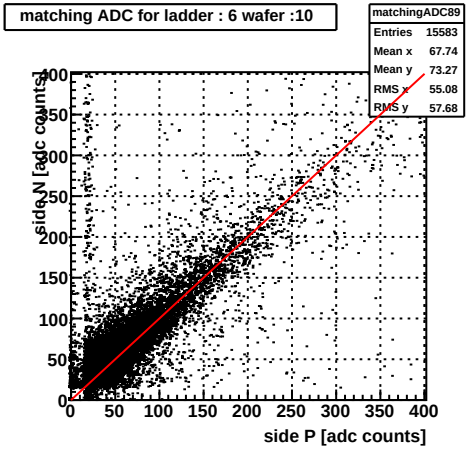

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 13384
Mean x 72.41
Mean y 62.81
RMS x 56.18
RMS y 49.96
side N [adc counts]
side P [adc counts]

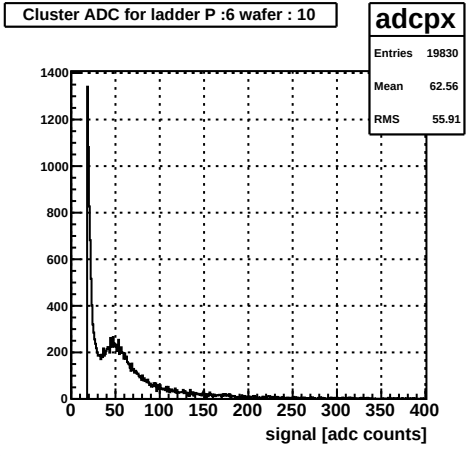

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 25086
Mean 52.39
RMS 49.93
signal [adc counts]

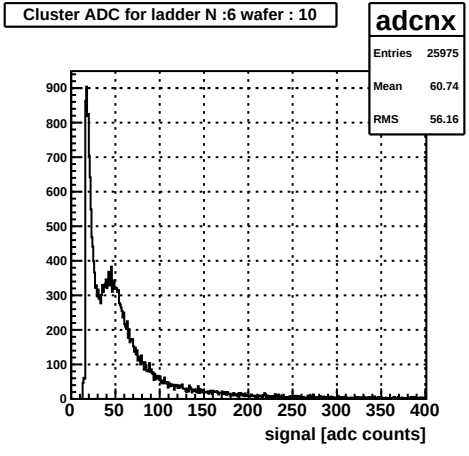

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 17703
Mean 60.14
RMS 52.82
signal [adc counts]

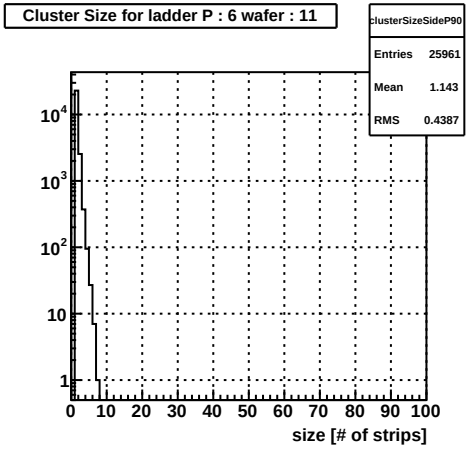

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 19830
Mean 1.271
RMS 0.6043
size [# of strips]

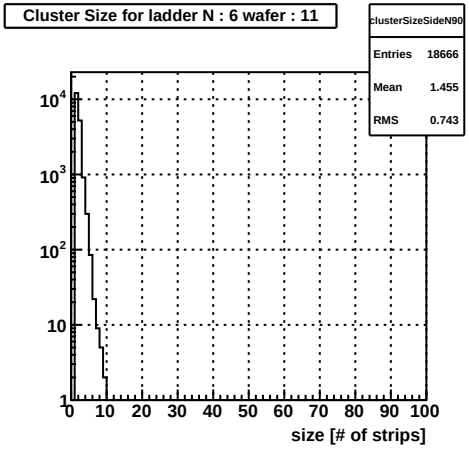

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 25975
Mean 1.388
RMS 0.693
size [# of strips]

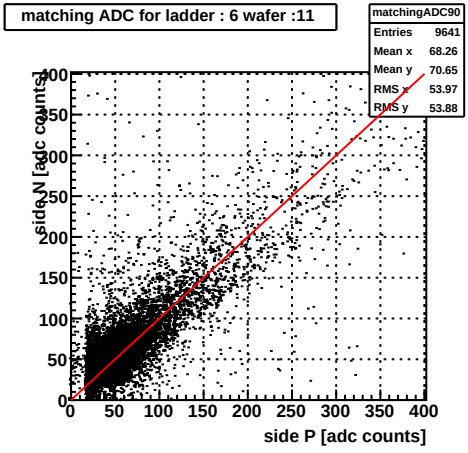

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 15583
Mean x 67.74
Mean y 73.27
RMS x 55.08
RMS y 57.68
side N [adc counts]
side P [adc counts]

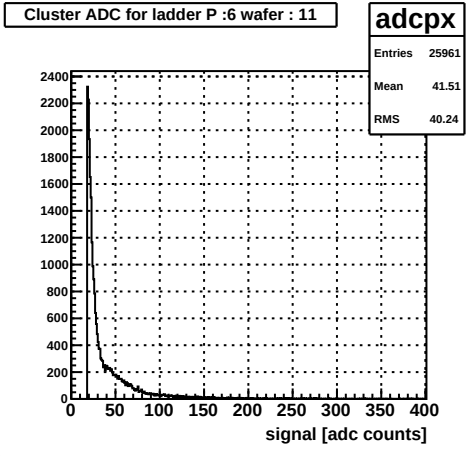

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 19830
Mean 62.56
RMS 55.91
signal [adc counts]

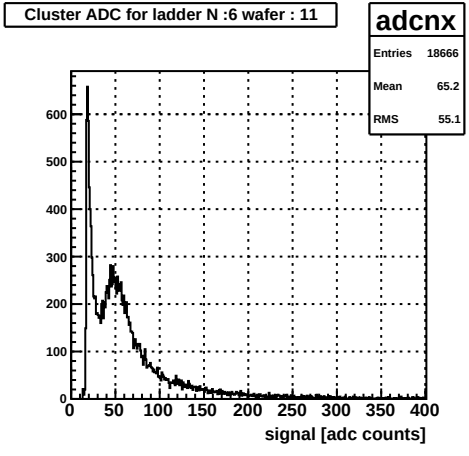

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 25975
Mean 60.74
RMS 56.16
signal [adc counts]

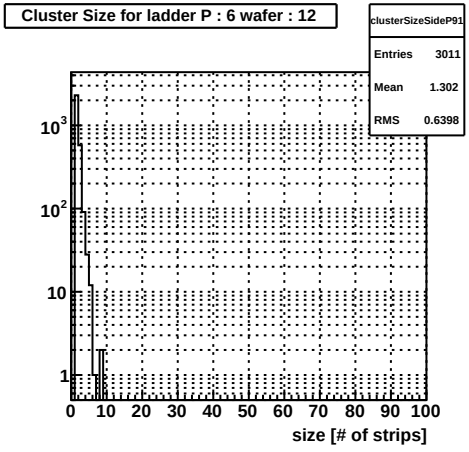

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 25961
Mean 1.143
RMS 0.4387
size [# of strips]

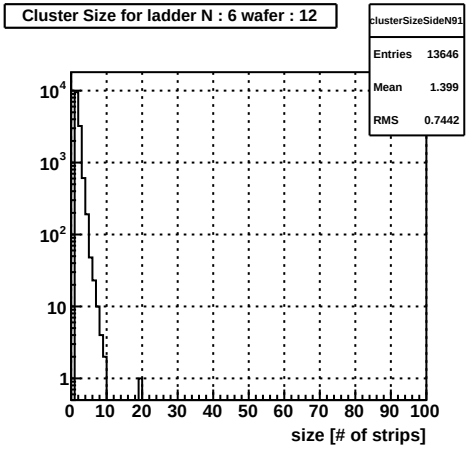

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 18666
Mean 1.455
RMS 0.743
size [# of strips]

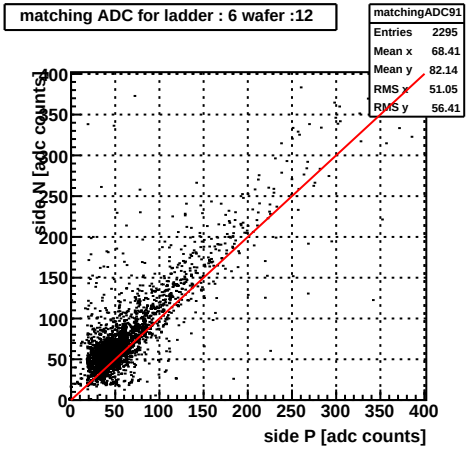

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 9641
Mean x 68.26
Mean y 70.65
RMS x 53.97
RMS y 53.88
side N [adc counts]
side P [adc counts]

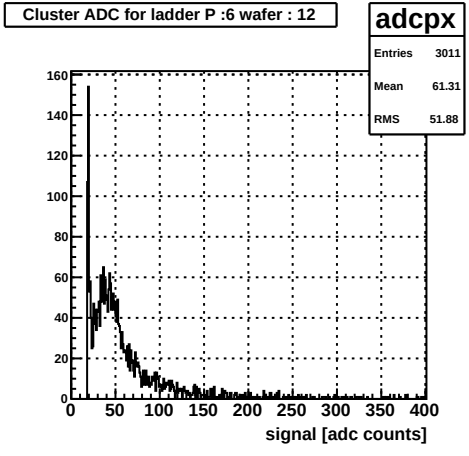

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 25961
Mean 41.51
RMS 40.24
signal [adc counts]

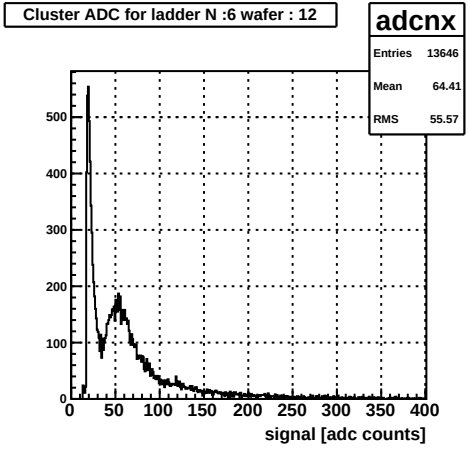

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 18666
Mean 65.2
RMS 55.1
signal [adc counts]

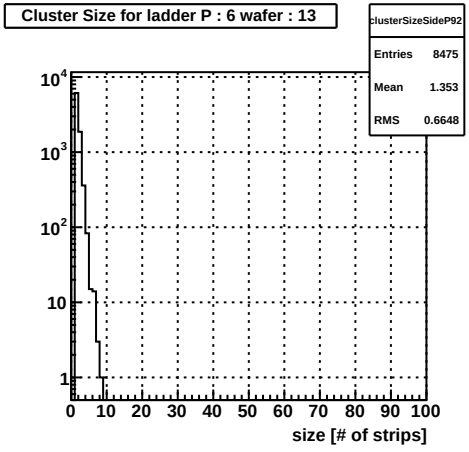

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 3011
Mean 1.302
RMS 0.6398
size [# of strips]

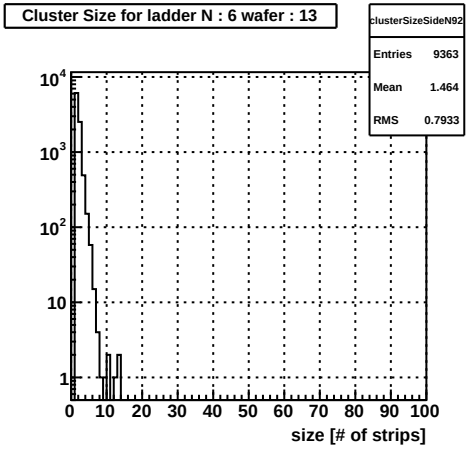

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 13646
Mean 1.399
RMS 0.7442
size [# of strips]

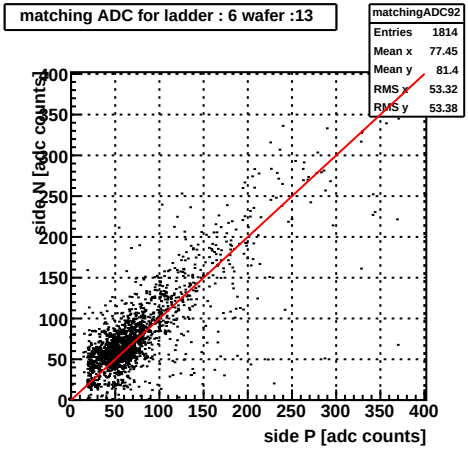

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 2295
Mean x 68.41
Mean y 82.14
RMS x 51.05
RMS y 56.41
side N [adc counts]
side P [adc counts]

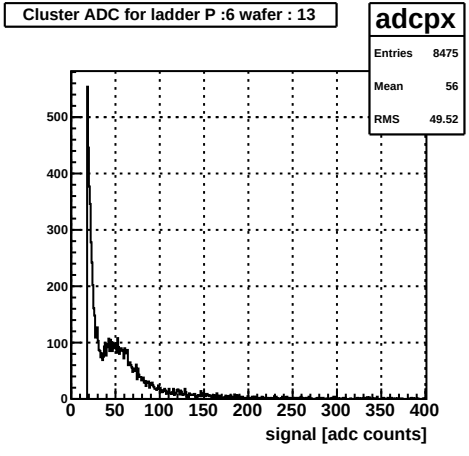

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 3011
Mean 61.31
RMS 51.88
signal [adc counts]

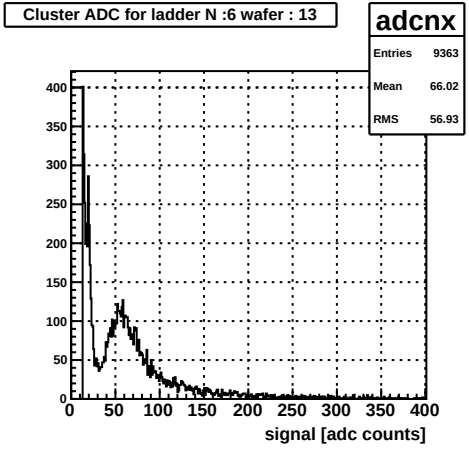

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 13646
Mean 64.41
RMS 55.57
signal [adc counts]

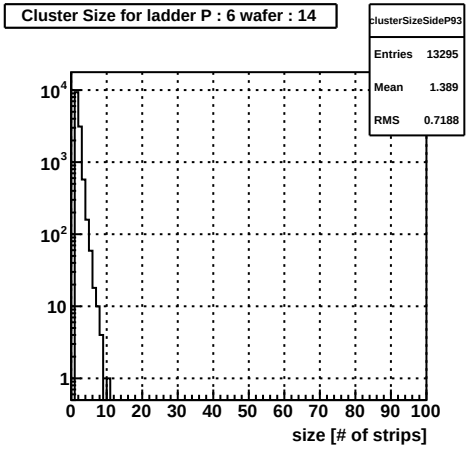

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 8475
Mean 1.353
RMS 0.6648
size [# of strips]

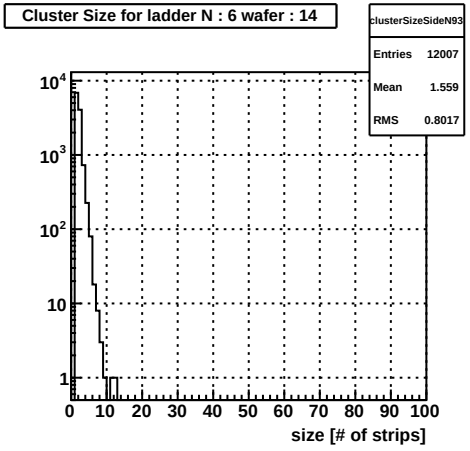

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 9363
Mean 1.464
RMS 0.7933
size [# of strips]

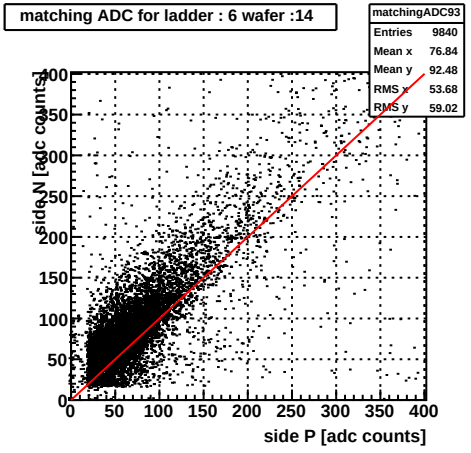

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1814
Mean x 77.45
Mean y 81.4
RMS x 53.32
RMS y 53.38
side N [adc counts]
side P [adc counts]

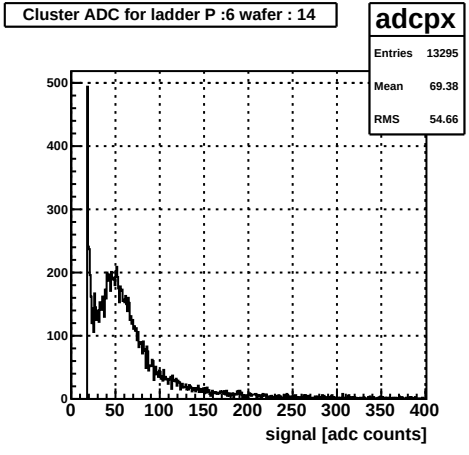

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 8475
Mean 56
RMS 49.52
signal [adc counts]

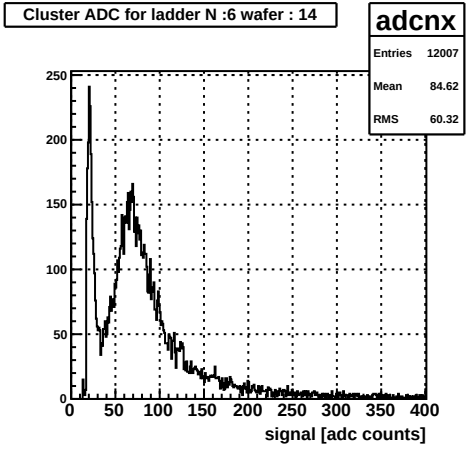

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 9363
Mean 66.02
RMS 56.93
signal [adc counts]

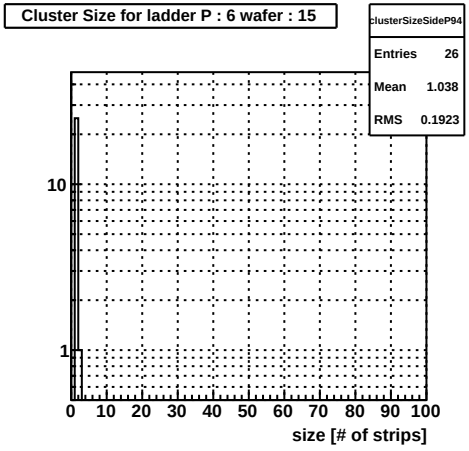

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 13295
Mean 1.389
RMS 0.7188
size [# of strips]

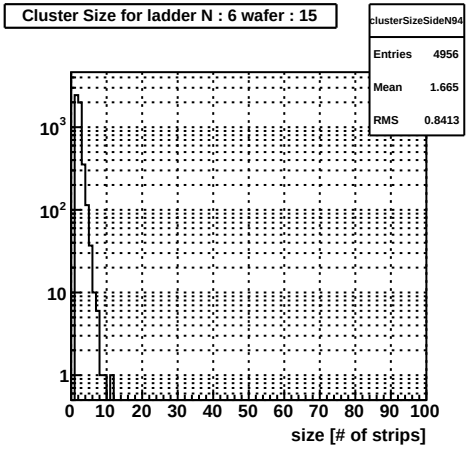

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 12007
Mean 1.559
RMS 0.8017
size [# of strips]

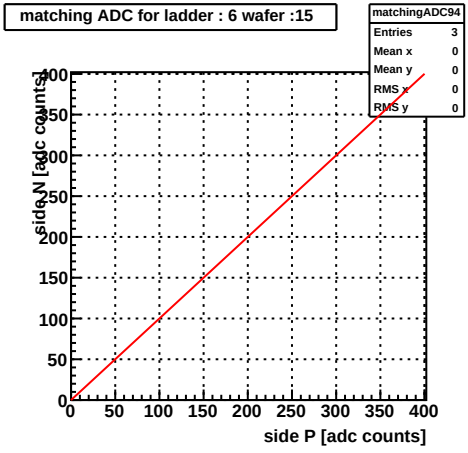

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 9840
Mean x 76.84
Mean y 92.48
RMS x 53.68
RMS y 59.02
side N [adc counts]
side P [adc counts]

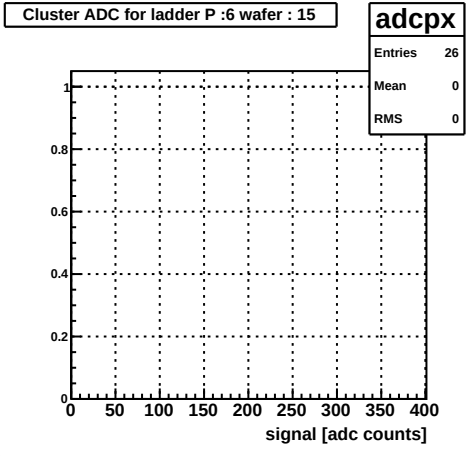

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 13295
Mean 69.38
RMS 54.66
signal [adc counts]

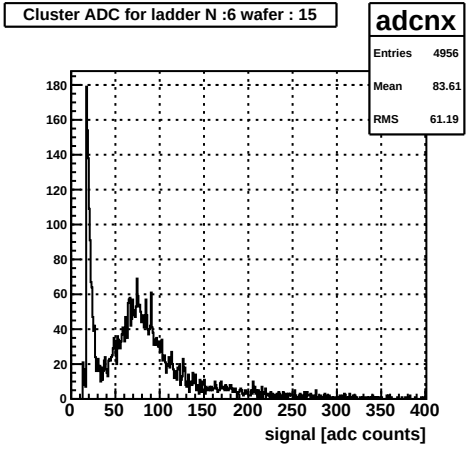

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 12007
Mean 84.62
RMS 60.32
signal [adc counts]

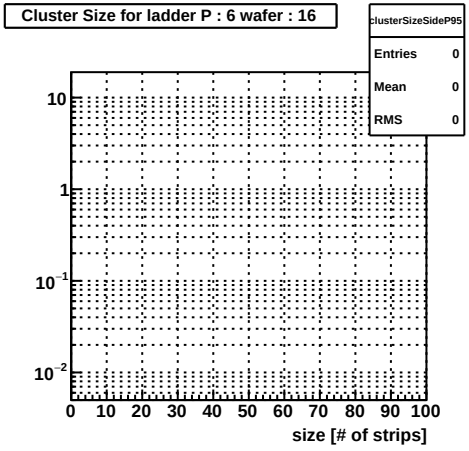

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 26
Mean 1.038
RMS 0.1923
size [# of strips]

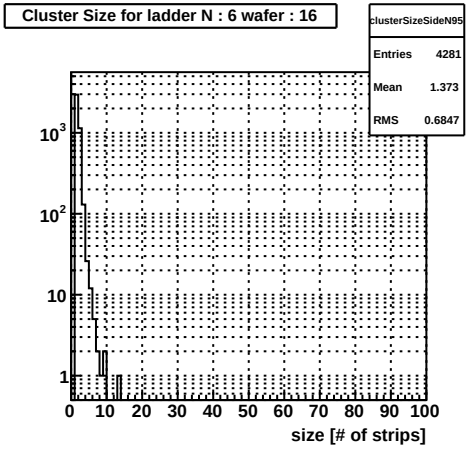

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4956
Mean 1.665
RMS 0.8413
size [# of strips]

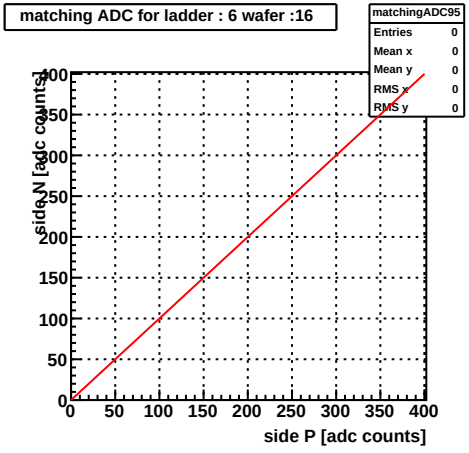

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

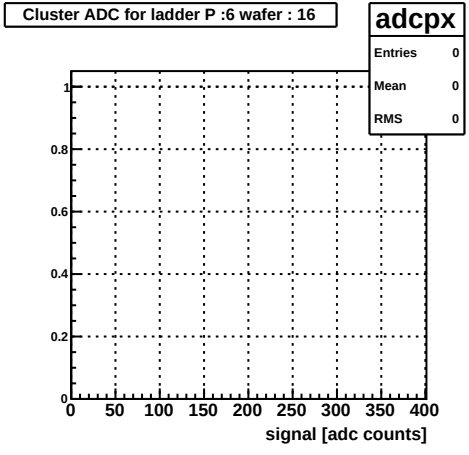

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 26
Mean 0
RMS 0
signal [adc counts]

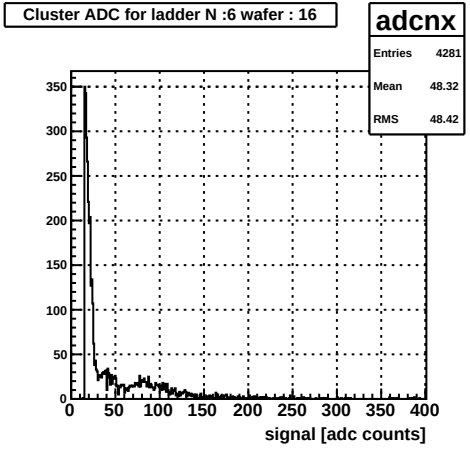

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4956
Mean 83.61
RMS 61.19
signal [adc counts]

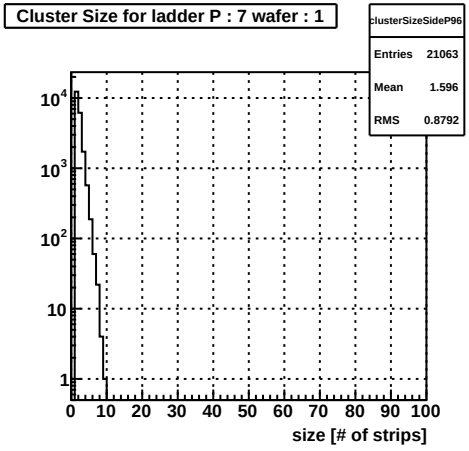

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

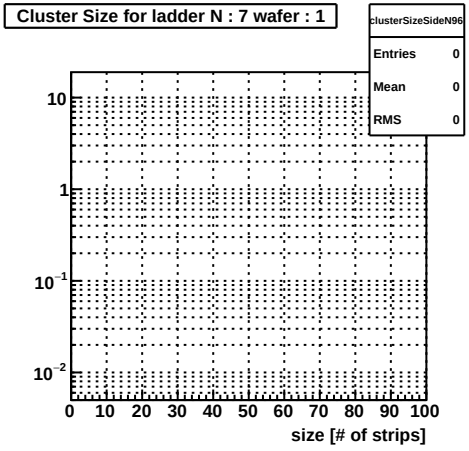

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 4281
Mean 1.373
RMS 0.6847
size [# of strips]

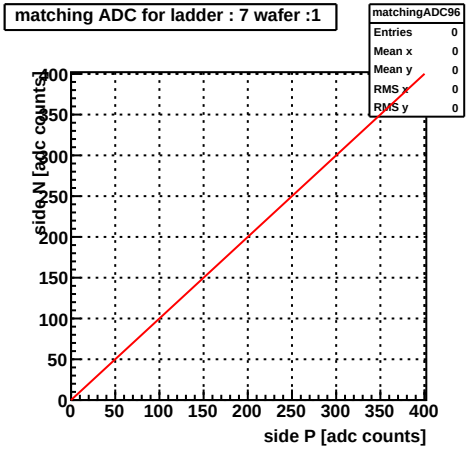

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

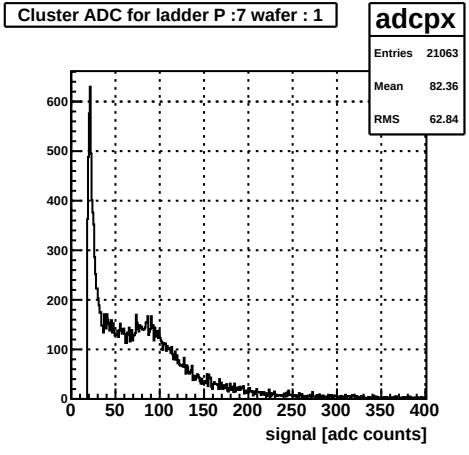

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

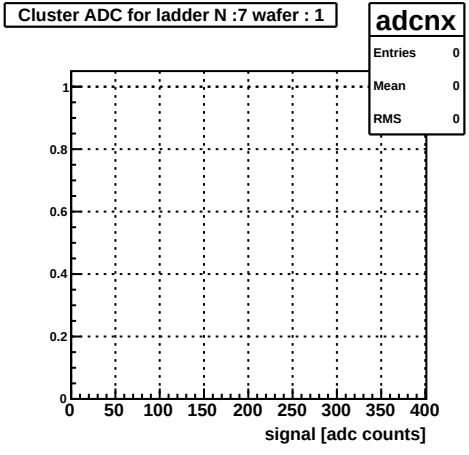

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 4281
Mean 48.32
RMS 48.42
signal [adc counts]

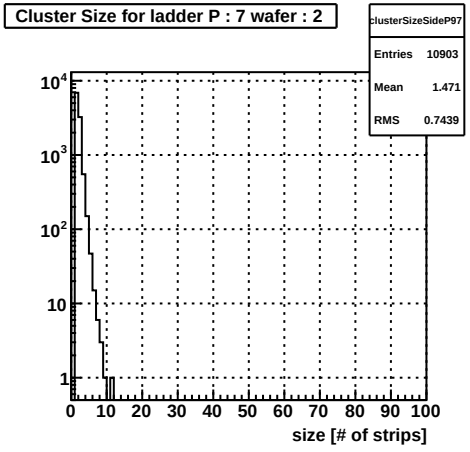

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 21063
Mean 1.596
RMS 0.8792
size [# of strips]

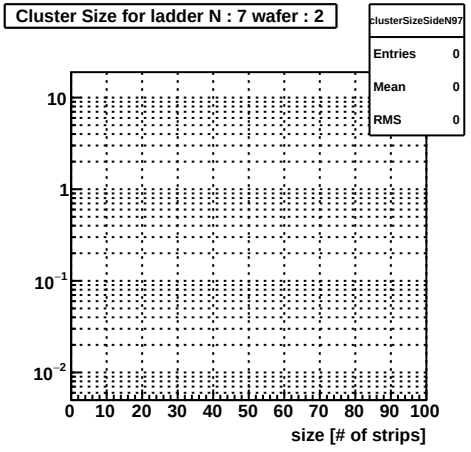

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

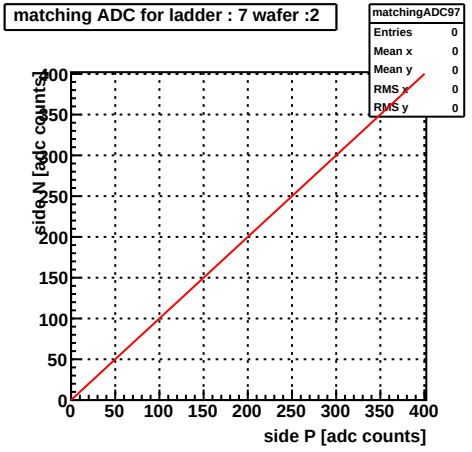

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

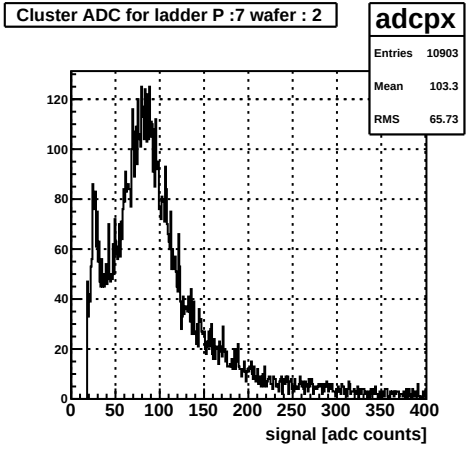

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 21063
Mean 82.36
RMS 62.84
signal [adc counts]

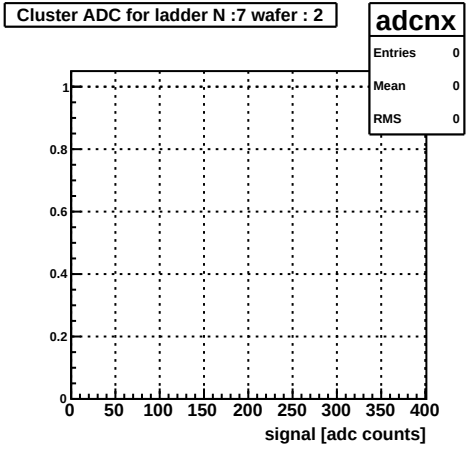

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

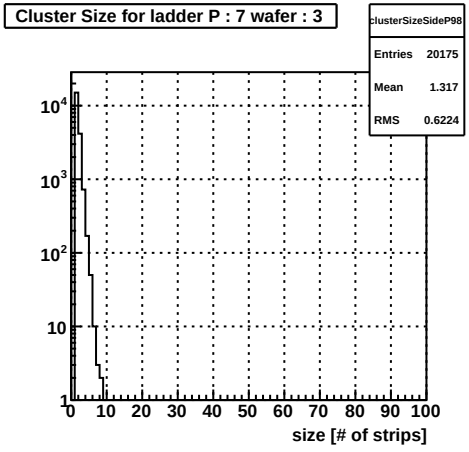

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 10903
Mean 1.471
RMS 0.7439
size [# of strips]

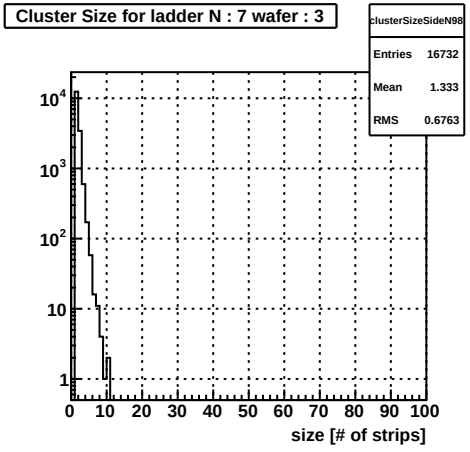

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

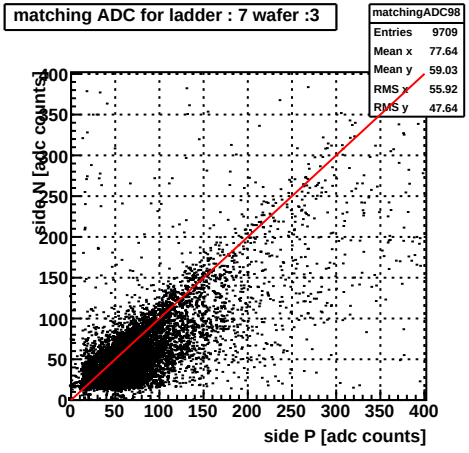

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

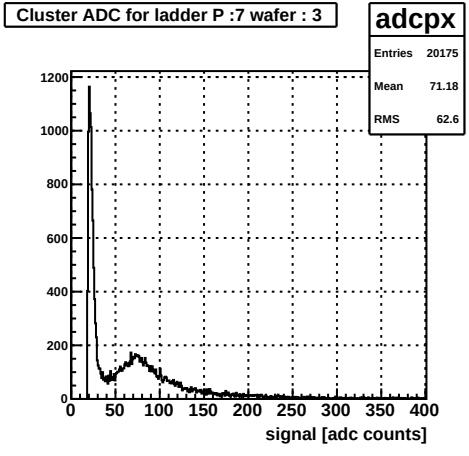

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 10903
Mean 103.3
RMS 65.73
signal [adc counts]

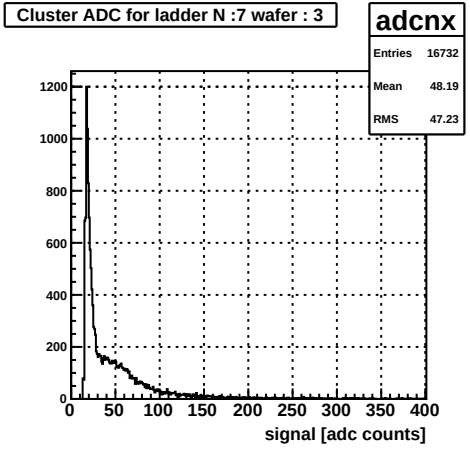

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

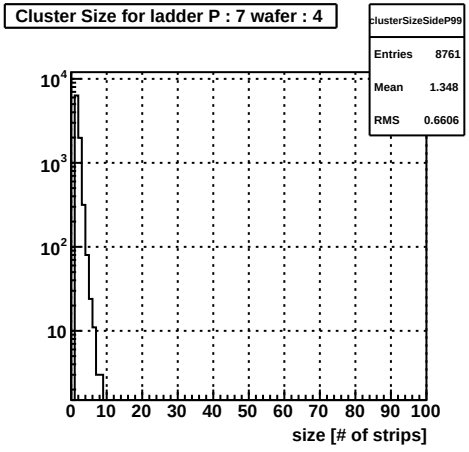

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 20175
Mean 1.317
RMS 0.6224
size [# of strips]

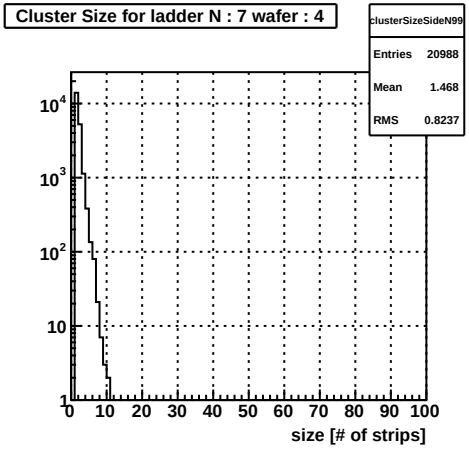

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 16732
Mean 1.333
RMS 0.6763
size [# of strips]

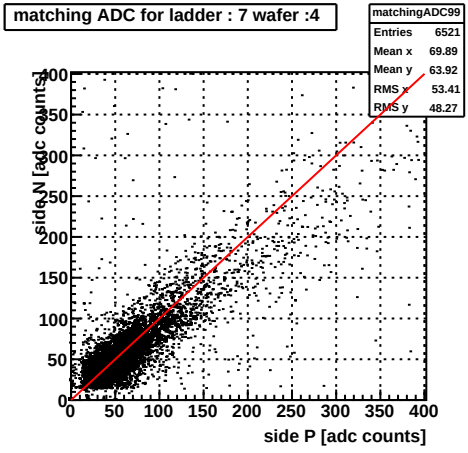

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 9709
Mean x 77.64
Mean y 59.03
RMS x 55.92
RMS y 47.64
side N [adc counts]
side P [adc counts]

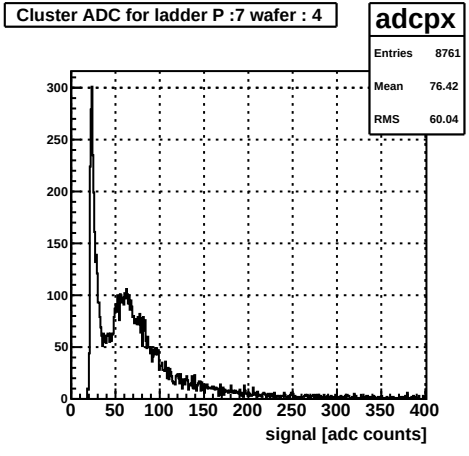

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 20175
Mean 71.18
RMS 62.6
signal [adc counts]

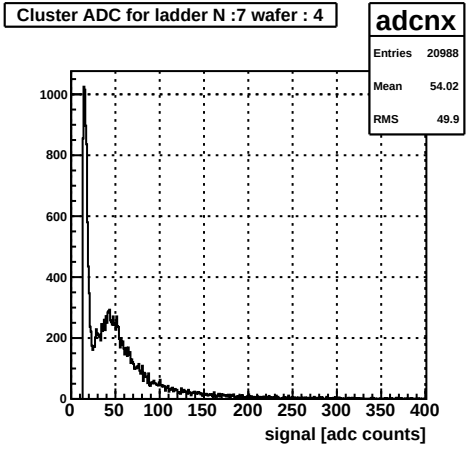

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 16732
Mean 48.19
RMS 47.23
signal [adc counts]

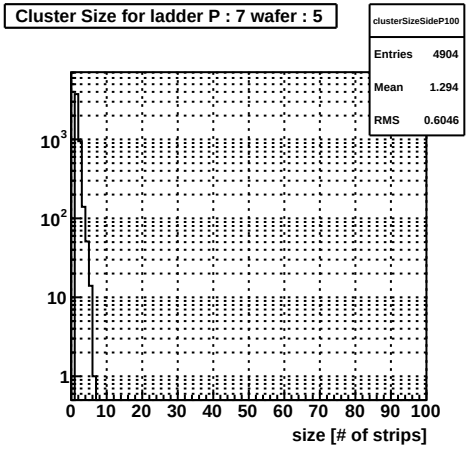

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 8761
Mean 1.348
RMS 0.6606
size [# of strips]

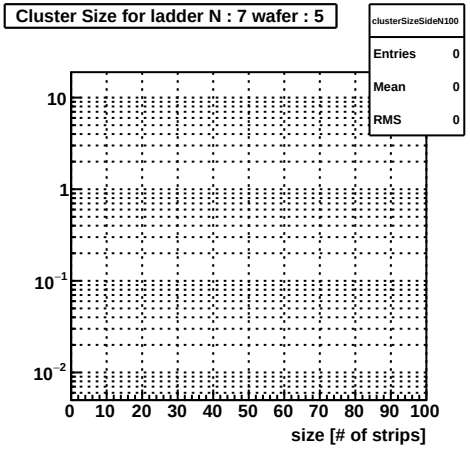

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 20988
Mean 1.468
RMS 0.8237
size [# of strips]

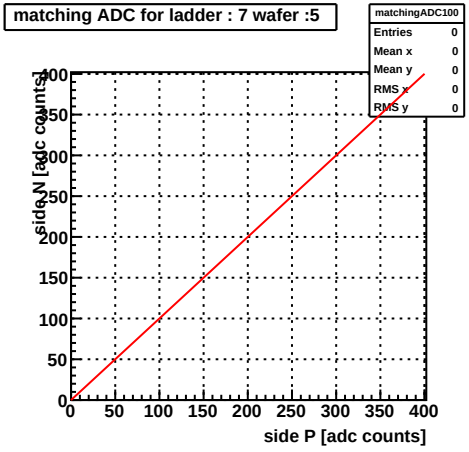

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 6521
Mean x 69.89
Mean y 63.92
RMS x 53.41
RMS y 48.27
side N [adc counts]
side P [adc counts]

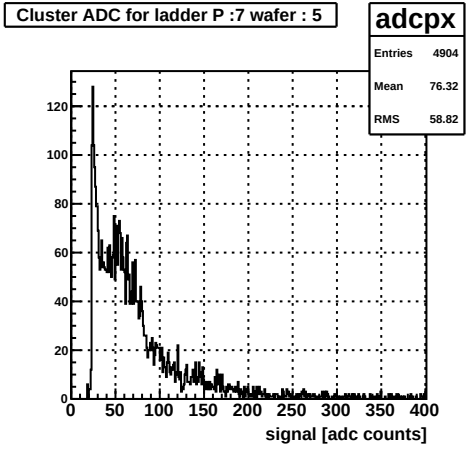

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 8761
Mean 76.42
RMS 60.04
signal [adc counts]

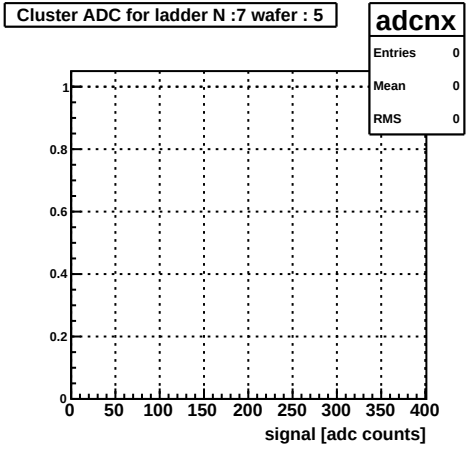

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 20988
Mean 54.02
RMS 49.9
signal [adc counts]

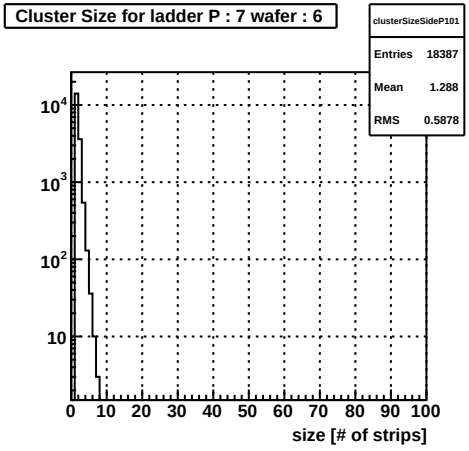

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 4904
Mean 1.294
RMS 0.6046
size [# of strips]

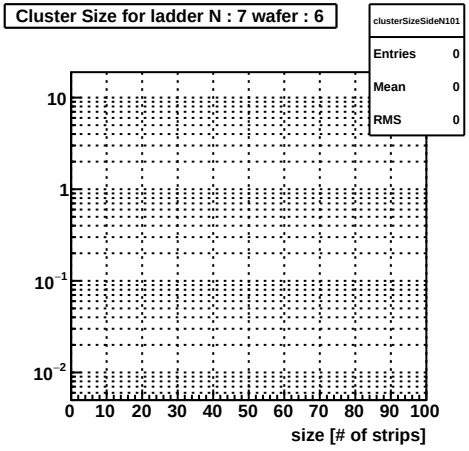

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

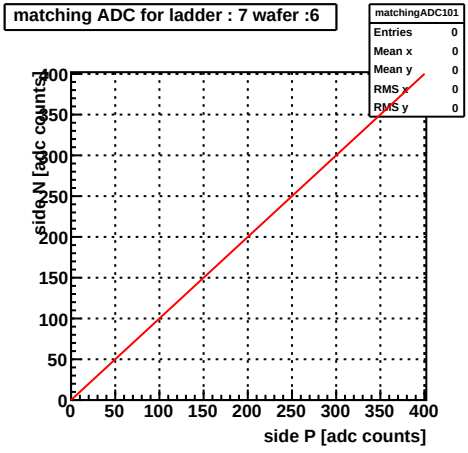

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

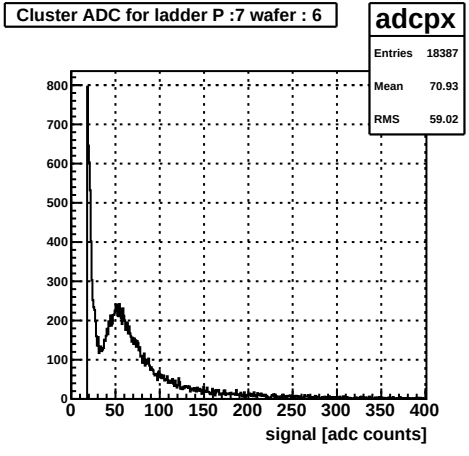

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 4904
Mean 76.32
RMS 58.82
signal [adc counts]

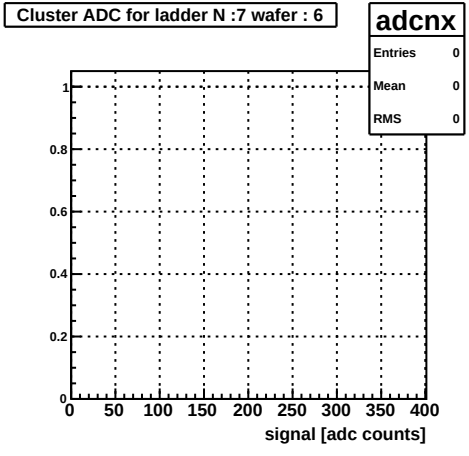

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

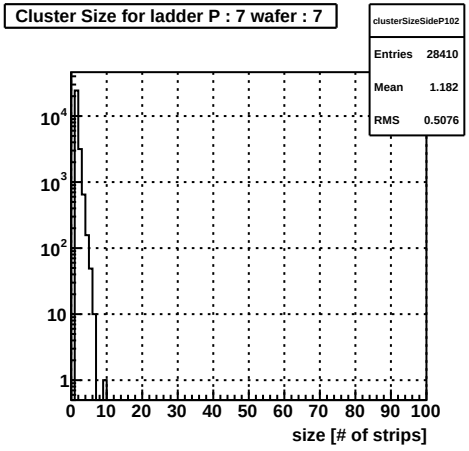

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 18387
Mean 1.288
RMS 0.5878
size [# of strips]

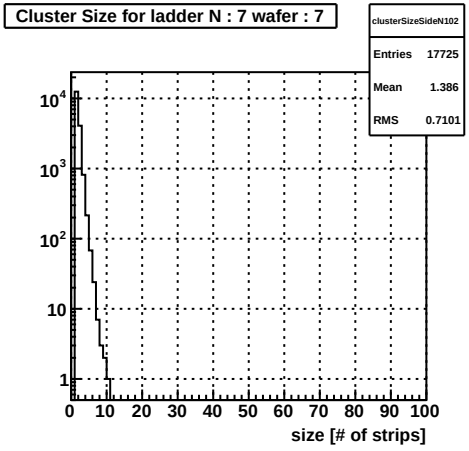

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

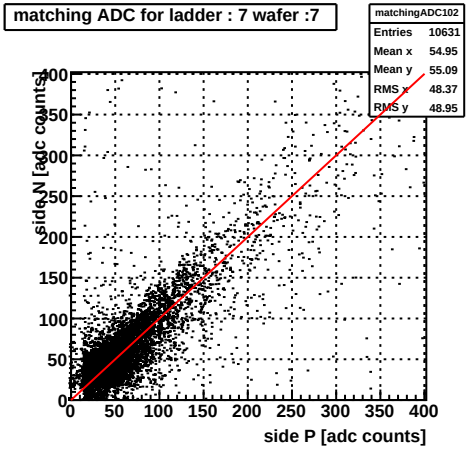

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

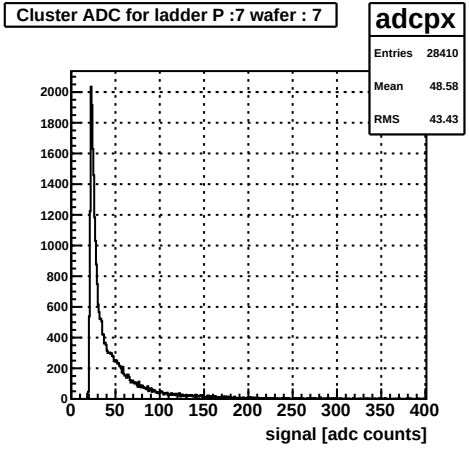

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 18387
Mean 70.93
RMS 59.02
signal [adc counts]

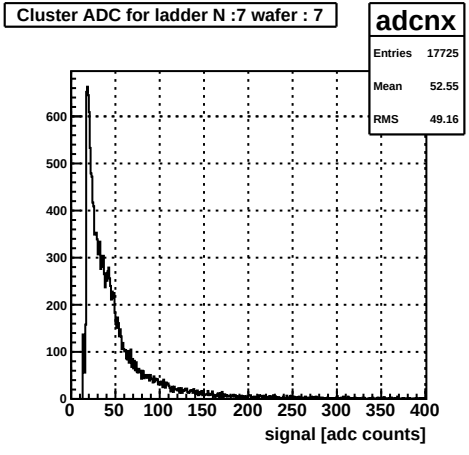

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

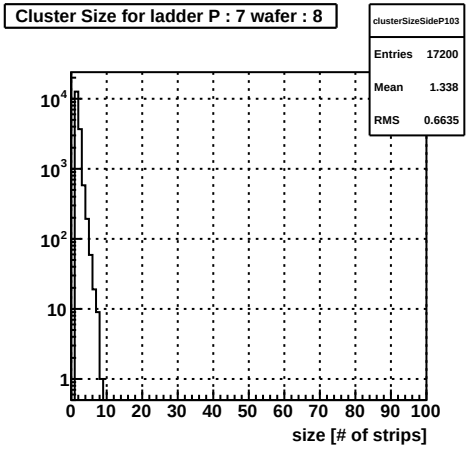

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 28410
Mean 1.182
RMS 0.5076
size [# of strips]

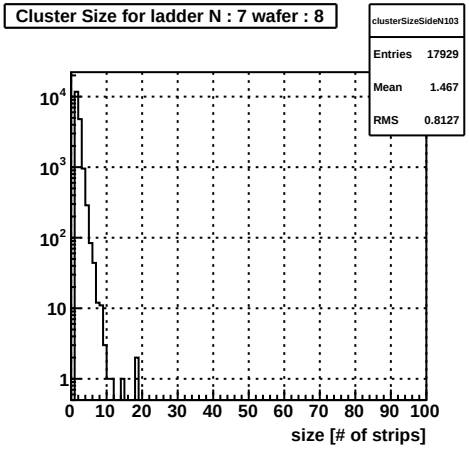

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 17725
Mean 1.386
RMS 0.7101
size [# of strips]

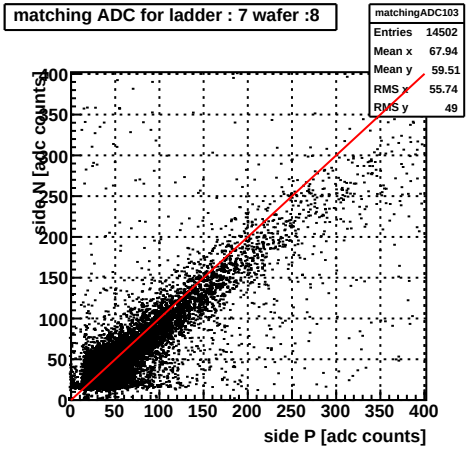

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 10631
Mean x 54.95
Mean y 55.09
RMS x 48.37
RMS y 48.95
side N [adc counts]
side P [adc counts]

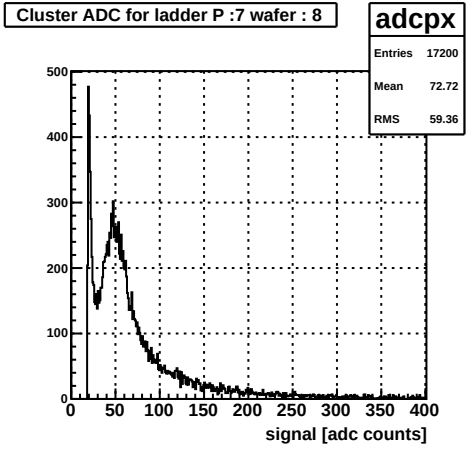

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 28410
Mean 48.58
RMS 43.43
signal [adc counts]

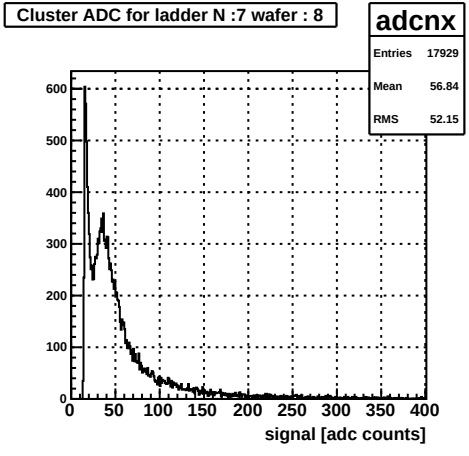

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 17725
Mean 52.55
RMS 49.16
signal [adc counts]

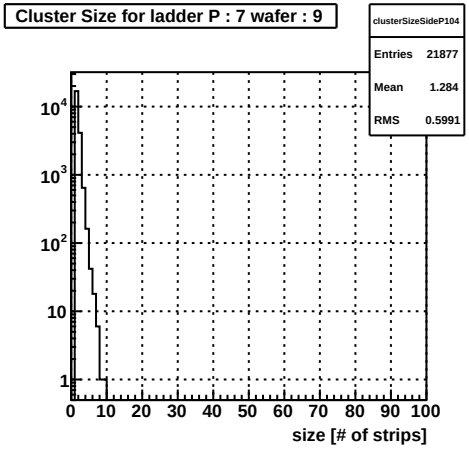

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 17200
Mean 1.338
RMS 0.6635
size [# of strips]

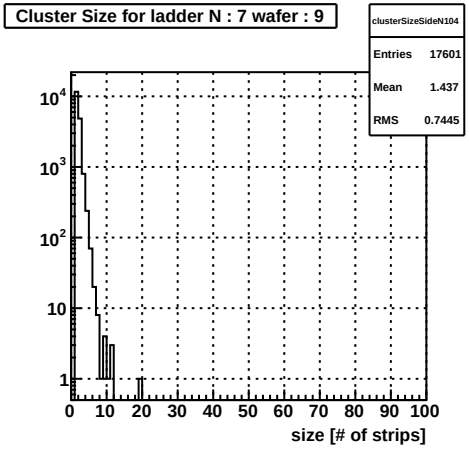

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 17929
Mean 1.467
RMS 0.8127
size [# of strips]

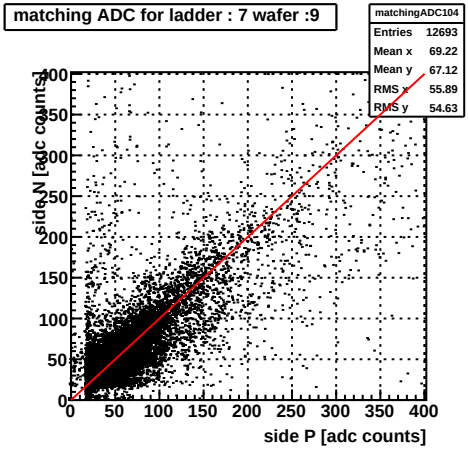

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 14502
Mean x 67.94
Mean y 59.51
RMS x 55.74
RMS y 49
side N [adc counts]
side P [adc counts]

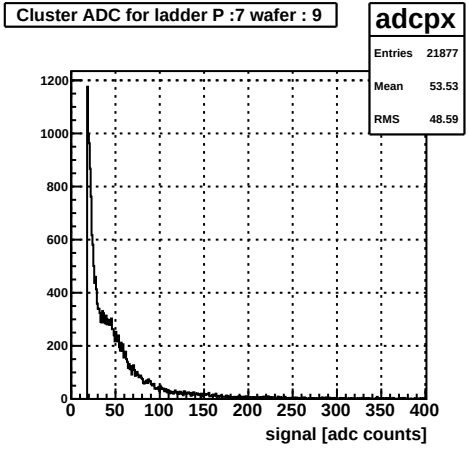

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 17200
Mean 72.72
RMS 59.36
signal [adc counts]

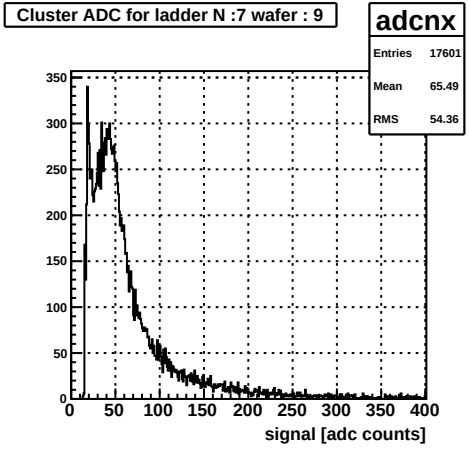

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 17929
Mean 56.84
RMS 52.15
signal [adc counts]

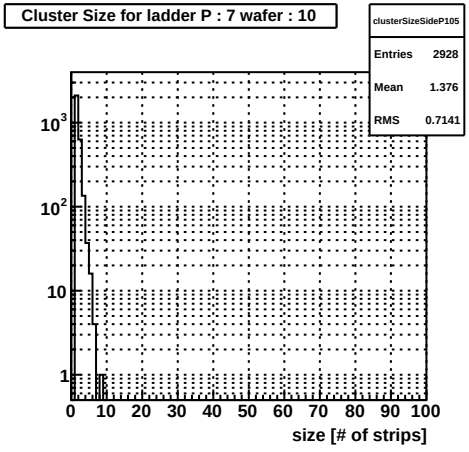

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 21877
Mean 1.284
RMS 0.5991
size [# of strips]

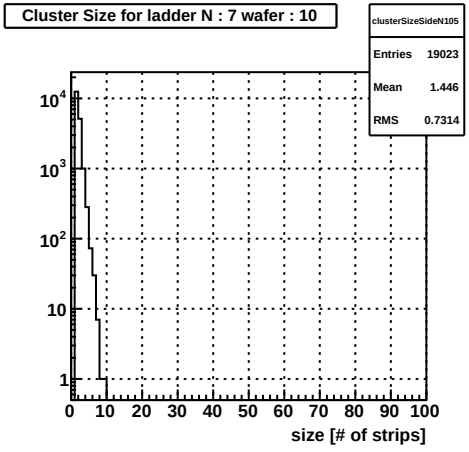

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 17601
Mean 1.437
RMS 0.7445
size [# of strips]

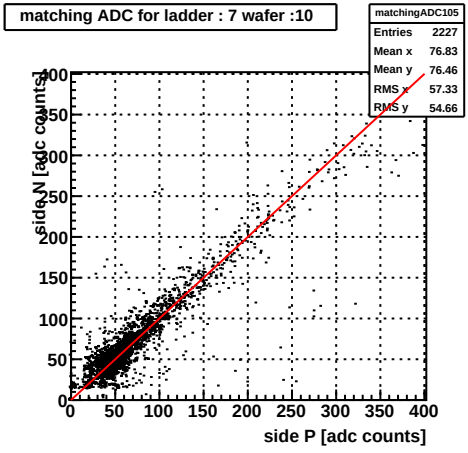

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 12693
Mean x 69.22
Mean y 67.12
RMS x 55.89
RMS y 54.63
side N [adc counts]
side P [adc counts]

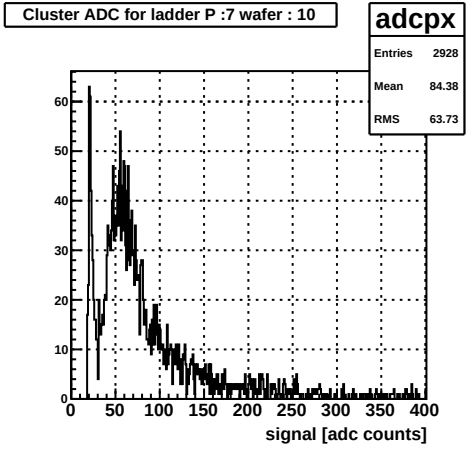

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 21877
Mean 53.53
RMS 48.59
signal [adc counts]

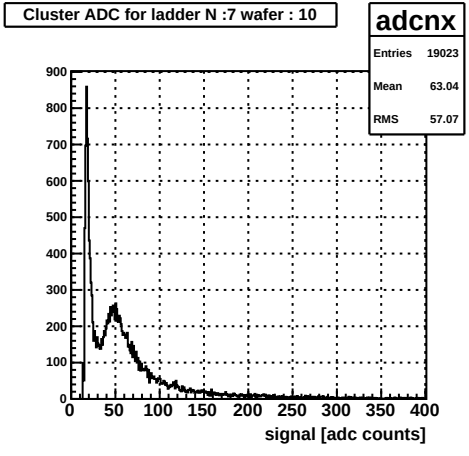

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 17601
Mean 65.49
RMS 54.36
signal [adc counts]

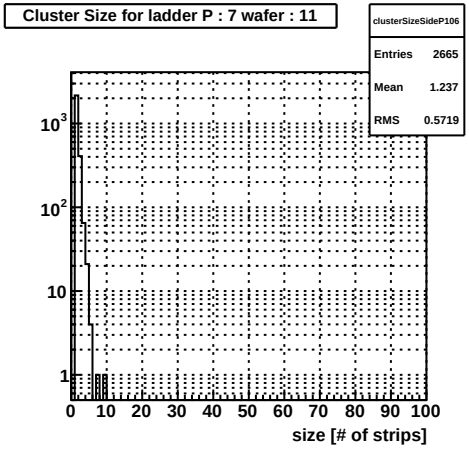

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 2928
Mean 1.376
RMS 0.7141
size [# of strips]

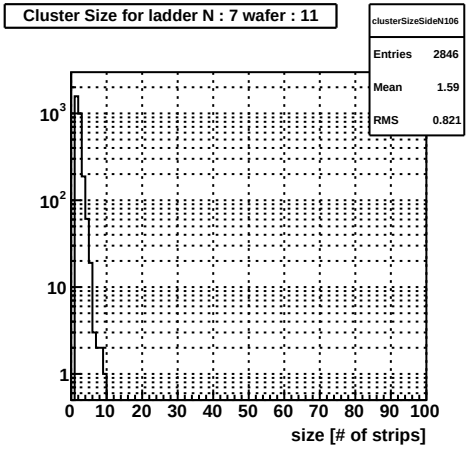

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 19023
Mean 1.446
RMS 0.7314
size [# of strips]

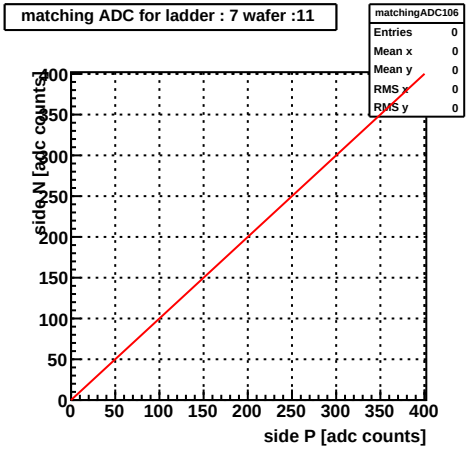

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2227
Mean x 76.83
Mean y 76.46
RMS x 57.33
RMS y 54.66
side N [adc counts]
side P [adc counts]

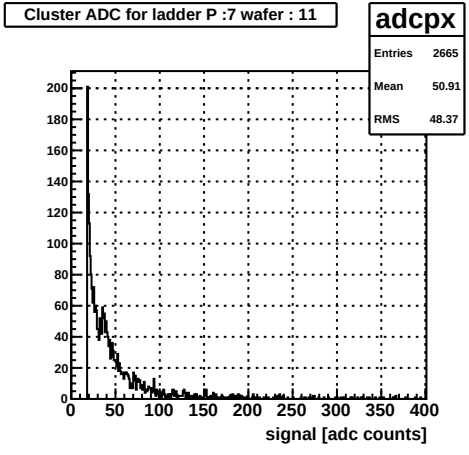

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 2928
Mean 84.38
RMS 63.73
signal [adc counts]

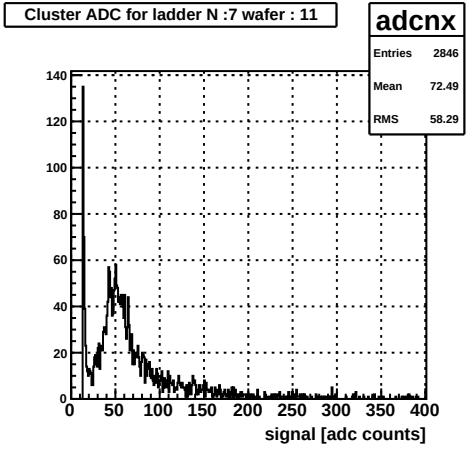

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 19023
Mean 63.04
RMS 57.07
signal [adc counts]

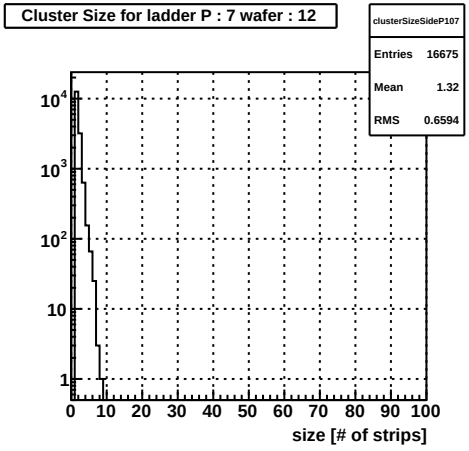

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 2665
Mean 1.237
RMS 0.5719
size [# of strips]

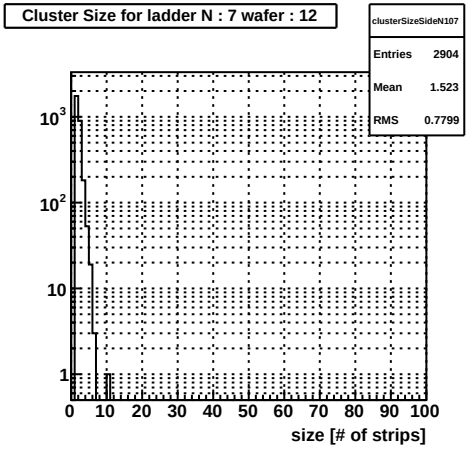

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 2846
Mean 1.59
RMS 0.821
size [# of strips]

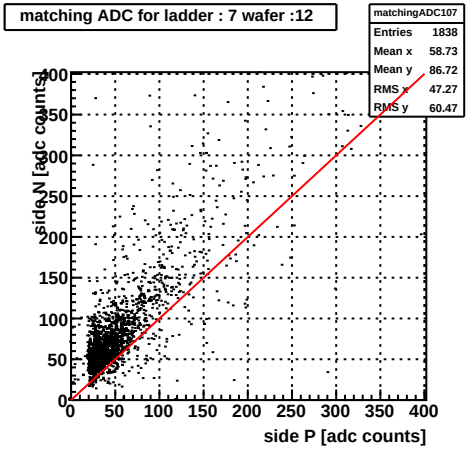

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

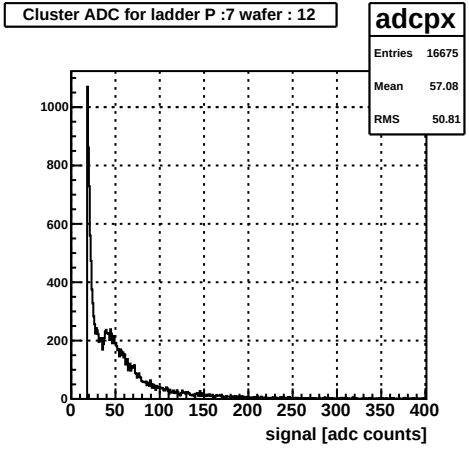

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 2665
Mean 50.91
RMS 48.37
signal [adc counts]

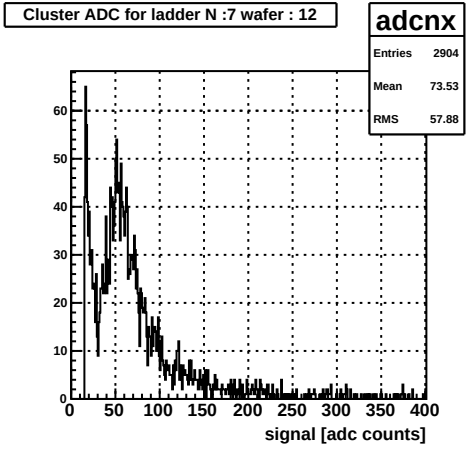

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 2846
Mean 72.49
RMS 58.29
signal [adc counts]

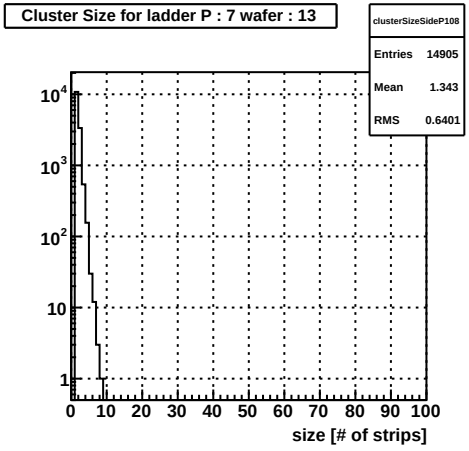

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 16675
Mean 1.32
RMS 0.6594
size [# of strips]

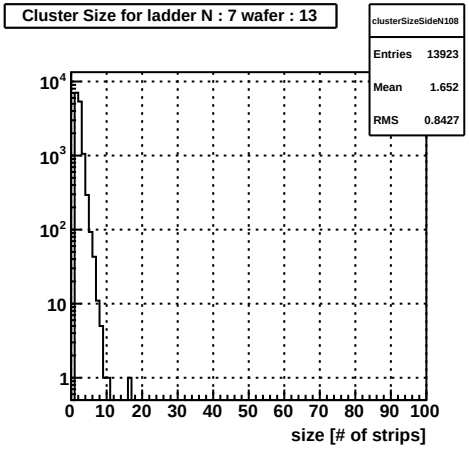

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2904
Mean 1.523
RMS 0.7799
size [# of strips]

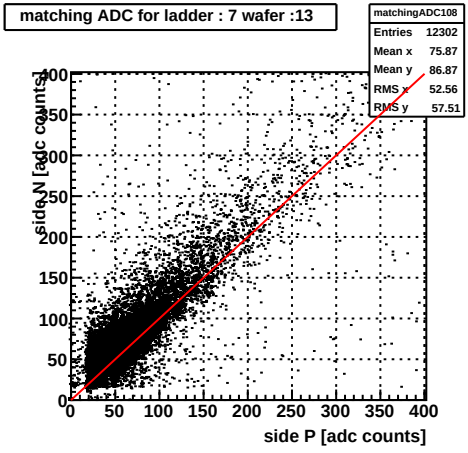

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1838
Mean x 58.73
Mean y 86.72
RMS x 47.27
RMS y 60.47
side N [adc counts]
side P [adc counts]

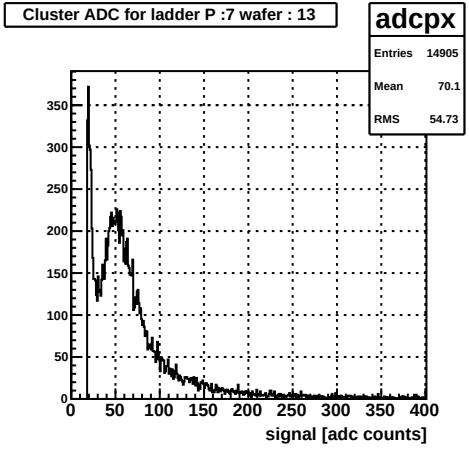

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 16675
Mean 57.08
RMS 50.81
signal [adc counts]

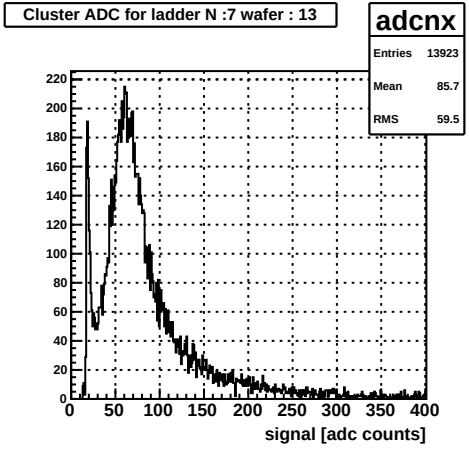

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2904
Mean 73.53
RMS 57.88
signal [adc counts]

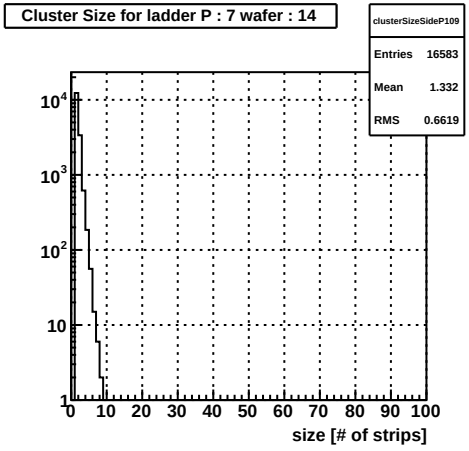

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 14905
Mean 1.343
RMS 0.6401
size [# of strips]

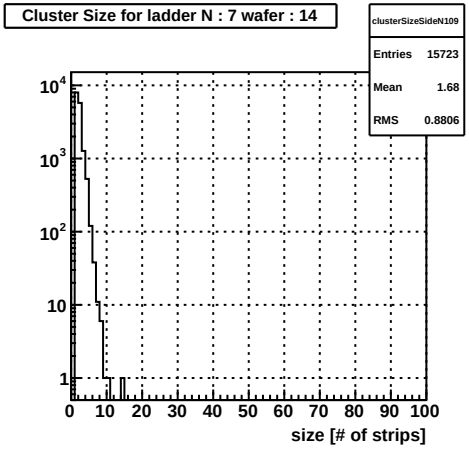

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 13923
Mean 1.652
RMS 0.8427
size [# of strips]

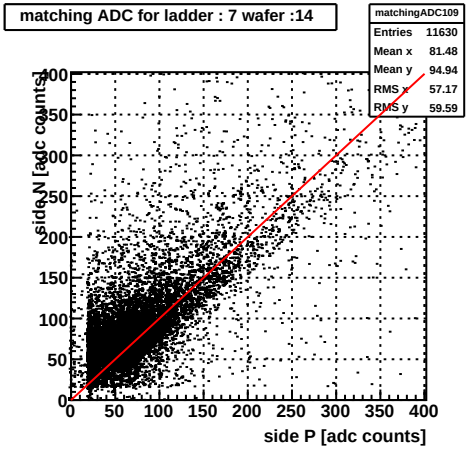

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 12302
Mean x 75.87
Mean y 86.87
RMS x 52.56
RMS y 57.51
side N [adc counts]
side P [adc counts]

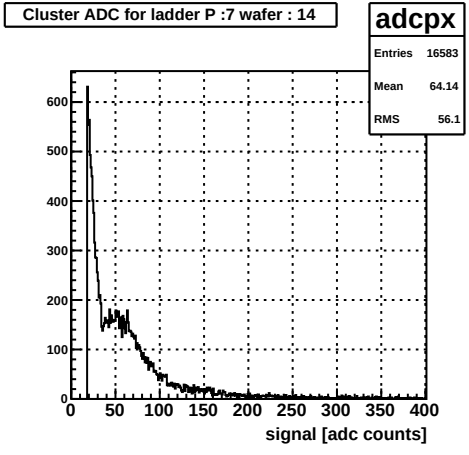

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 14905
Mean 70.1
RMS 54.73
signal [adc counts]

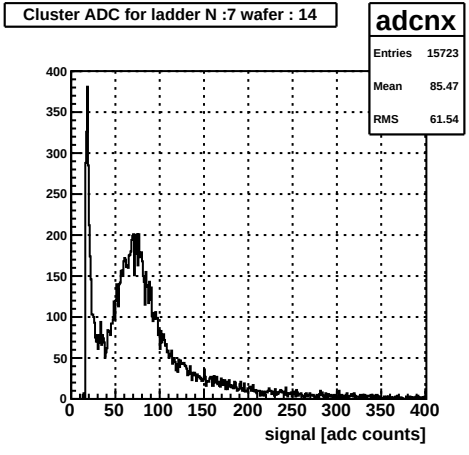

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 13923
Mean 85.7
RMS 59.5
signal [adc counts]

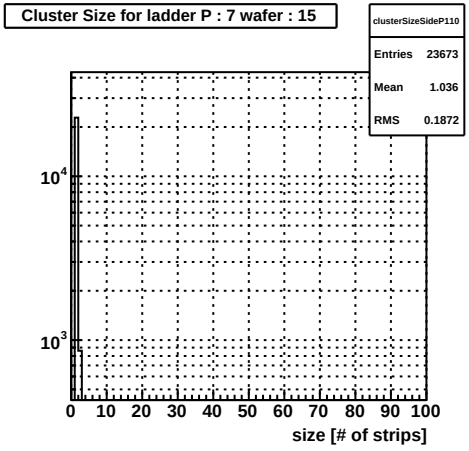

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 16583
Mean 1.332
RMS 0.6619
size [# of strips]

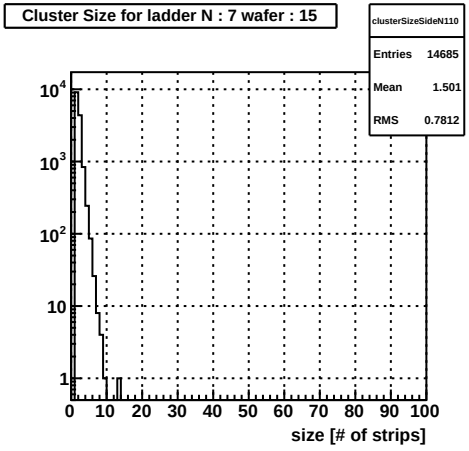

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 15723
Mean 1.68
RMS 0.8806
size [# of strips]

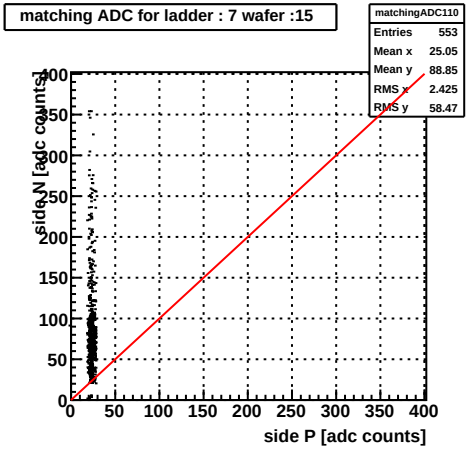

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 11630
Mean x 81.48
Mean y 94.94
RMS x 57.17
RMS y 59.59
side N [adc counts]
side P [adc counts]

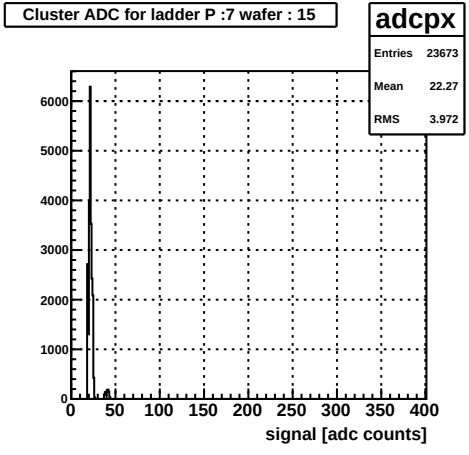

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 16583
Mean 64.14
RMS 56.1
signal [adc counts]

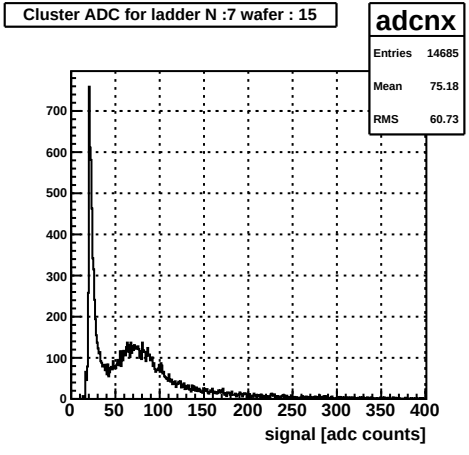

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 15723
Mean 85.47
RMS 61.54
signal [adc counts]

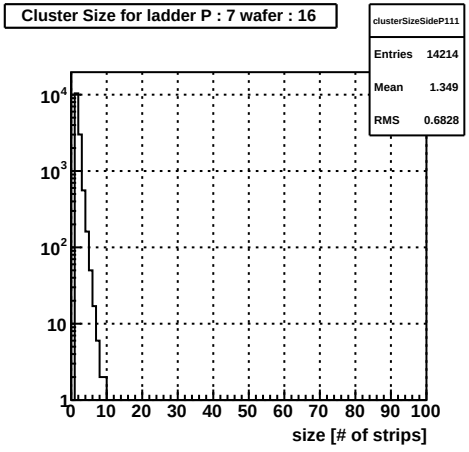

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 23673
Mean 1.036
RMS 0.1872
size [# of strips]

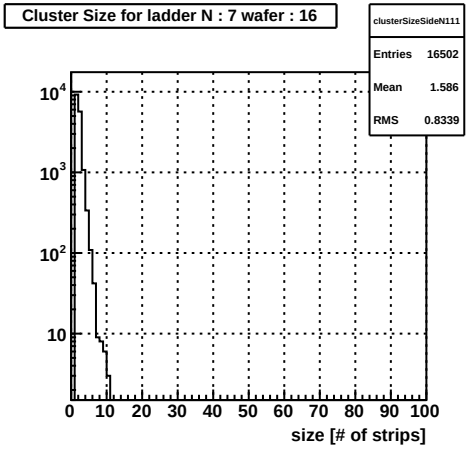

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 14685
Mean 1.501
RMS 0.7812
size [# of strips]

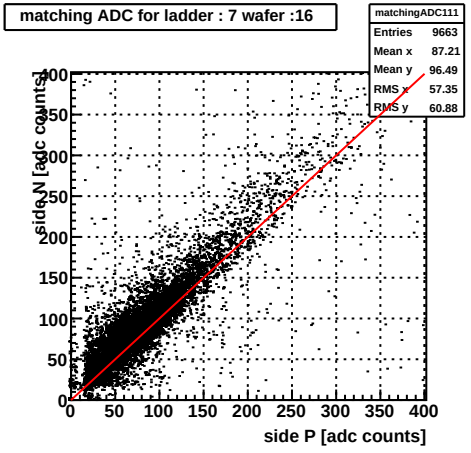

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 553
Mean x 25.05
Mean y 88.85
RMS x 2.425
RMS y 58.47
side N [adc counts]
side P [adc counts]

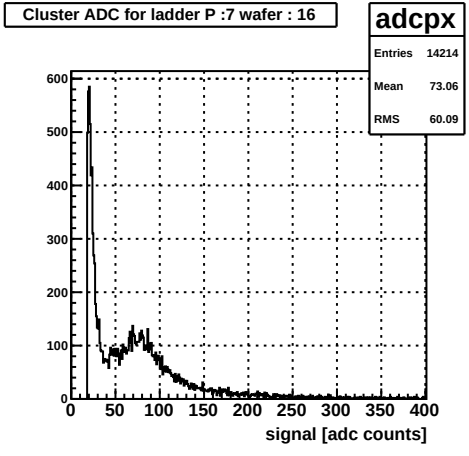

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 23673
Mean 22.27
RMS 3.972
signal [adc counts]

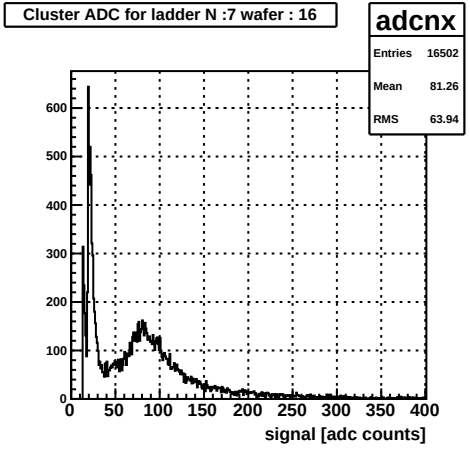

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 14685
Mean 75.18
RMS 60.73
signal [adc counts]

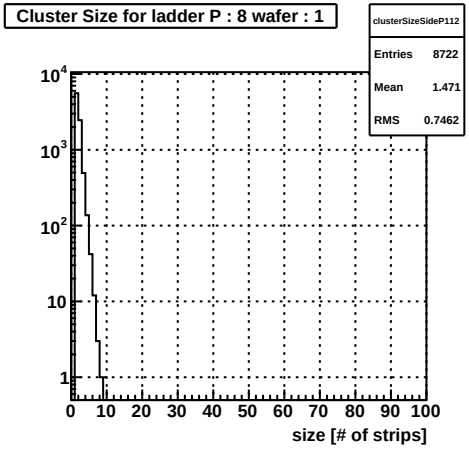

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 14214
Mean 1.349
RMS 0.6828
size [# of strips]

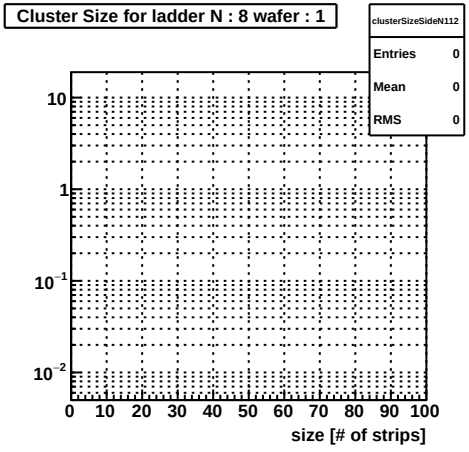

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 16502
Mean 1.586
RMS 0.8339
size [# of strips]

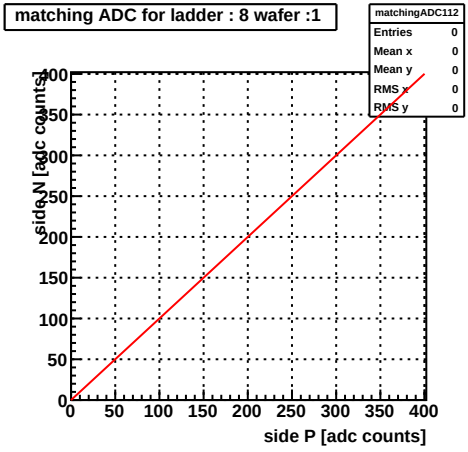

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 9663
Mean x 87.21
Mean y 96.49
RMS x 57.35
RMS y 60.88
side N [adc counts]
side P [adc counts]

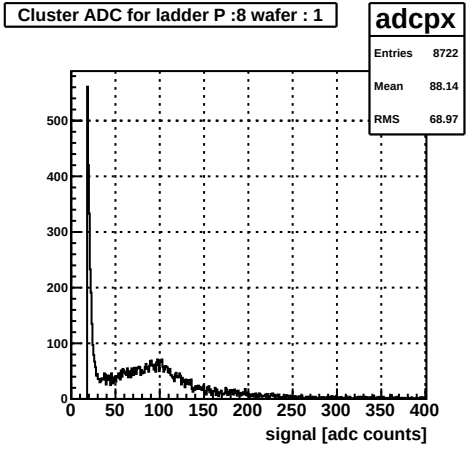

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 14214
Mean 73.06
RMS 60.09
signal [adc counts]

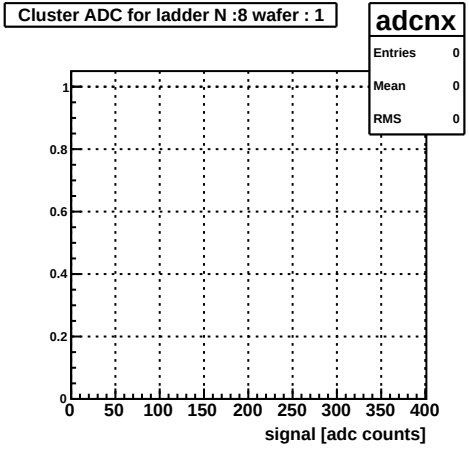

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 16502
Mean 81.26
RMS 63.94
signal [adc counts]

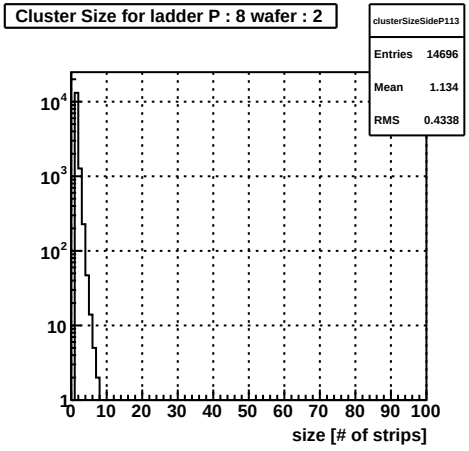

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 8722
Mean 1.471
RMS 0.7462
size [# of strips]

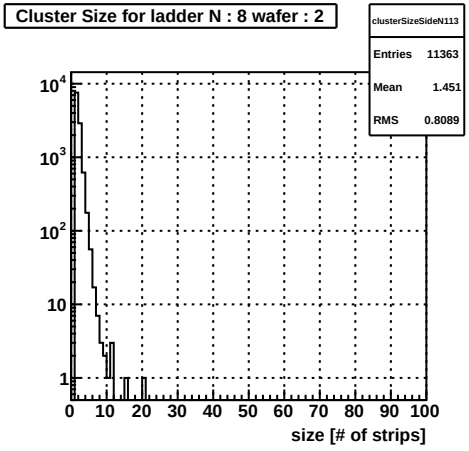

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

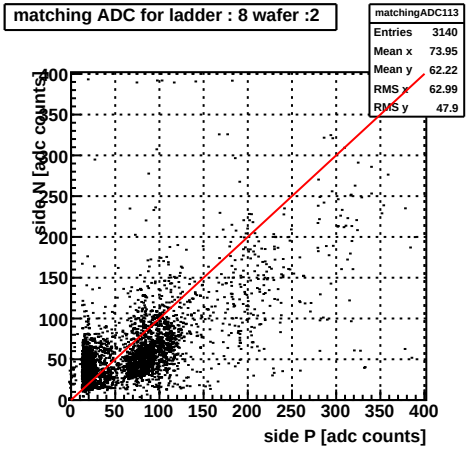

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

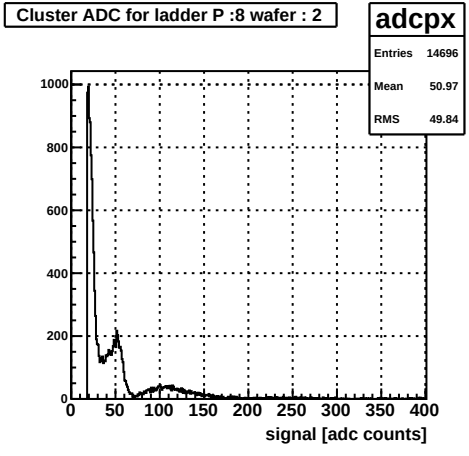

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 8722
Mean 88.14
RMS 68.97
signal [adc counts]

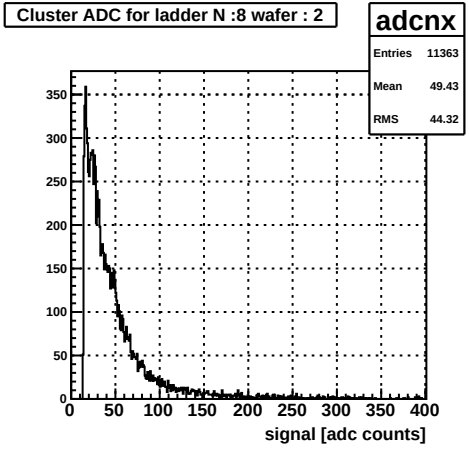

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

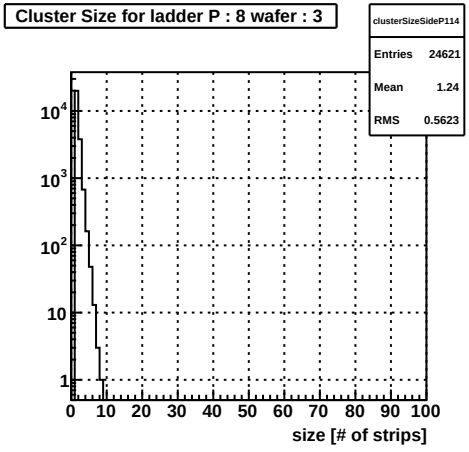

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 14696
Mean 1.134
RMS 0.4338
size [# of strips]

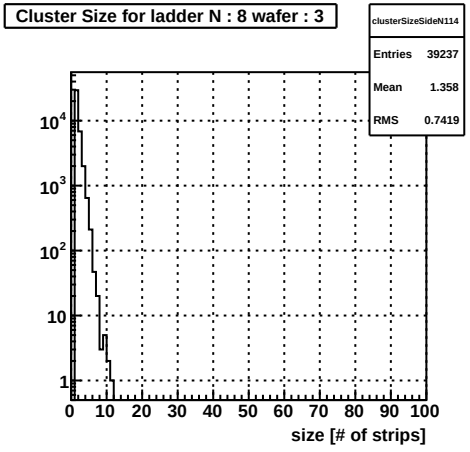

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 11363
Mean 1.451
RMS 0.8089
size [# of strips]

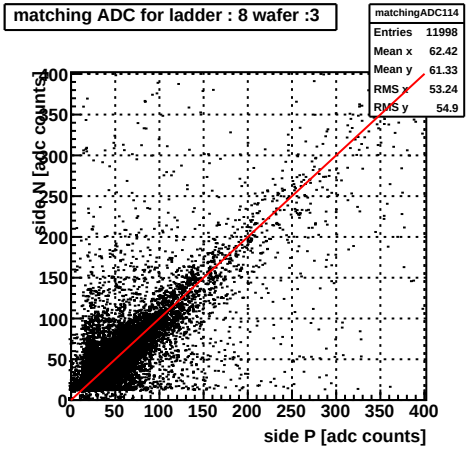

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3140
Mean x 73.95
Mean y 62.22
RMS x 62.99
RMS y 47.9
side N [adc counts]
side P [adc counts]

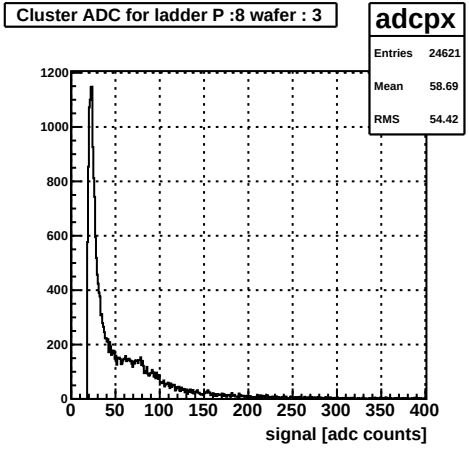

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 14696
Mean 50.97
RMS 49.84
signal [adc counts]

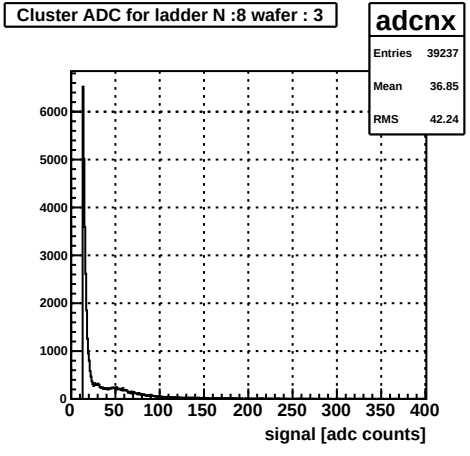

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 11363
Mean 49.43
RMS 44.32
signal [adc counts]

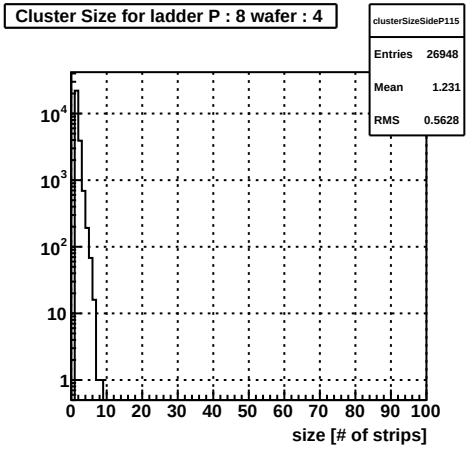

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 24621
Mean 1.24
RMS 0.5623
size [# of strips]

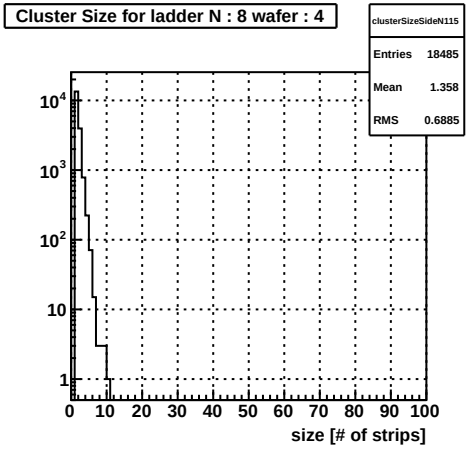

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 39237
Mean 1.358
RMS 0.7419
size [# of strips]

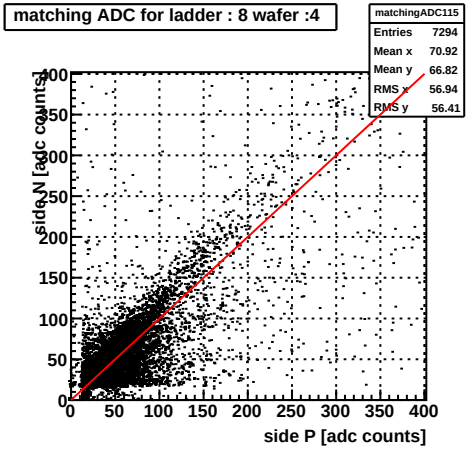

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 11998
Mean x 62.42
Mean y 61.33
RMS x 53.24
RMS y 54.9
side N [adc counts]
side P [adc counts]

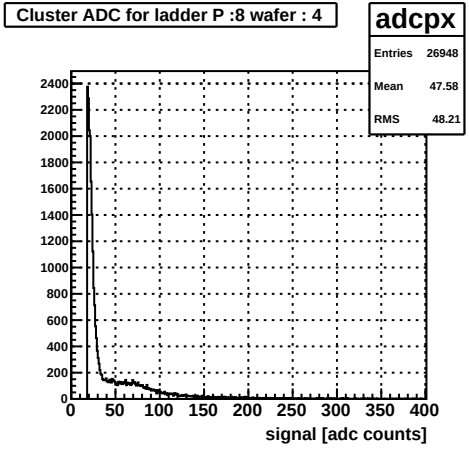

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 24621
Mean 58.69
RMS 54.42
signal [adc counts]

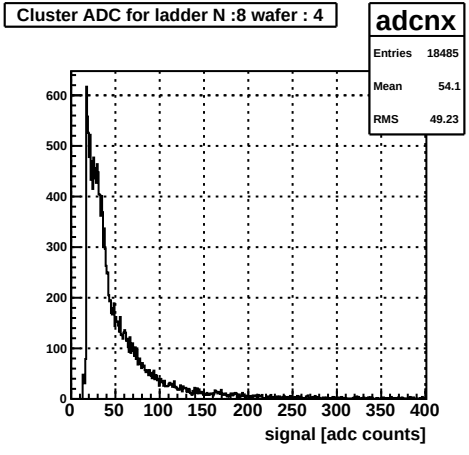

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 39237
Mean 36.85
RMS 42.24
signal [adc counts]

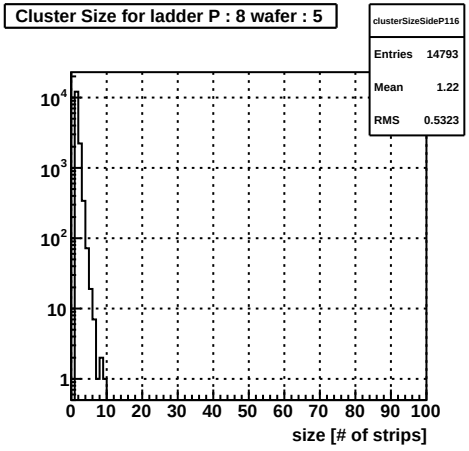

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 26948
Mean 1.231
RMS 0.5628
size [# of strips]

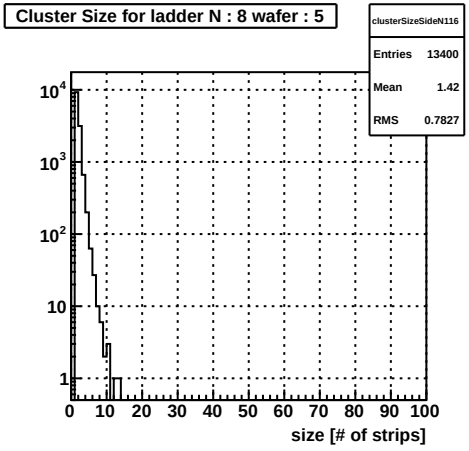

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 18485
Mean 1.358
RMS 0.6885
size [# of strips]

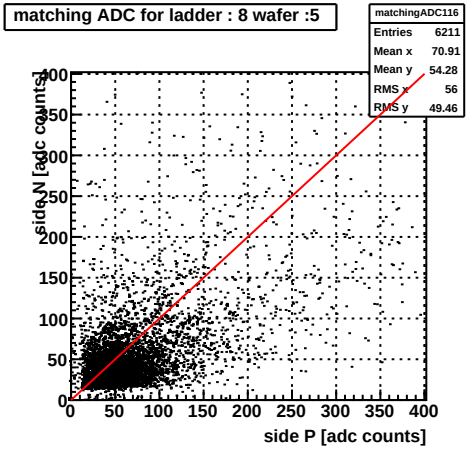

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 7294
Mean x 70.92
Mean y 66.82
RMS x 56.94
RMS y 56.41
side N [adc counts]
side P [adc counts]

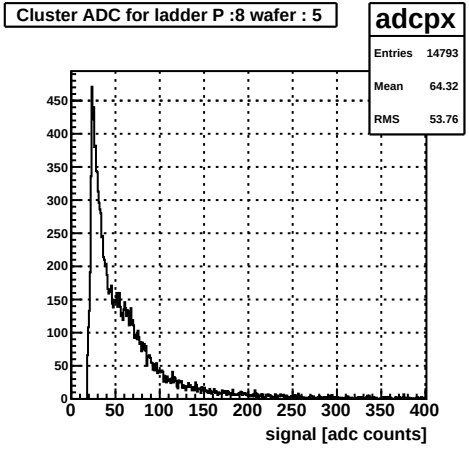

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 26948
Mean 47.58
RMS 48.21
signal [adc counts]

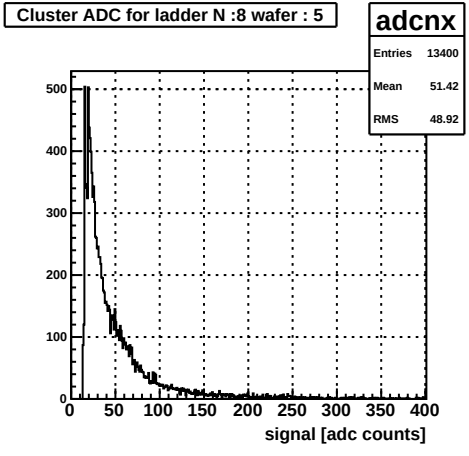

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 18485
Mean 54.1
RMS 49.23
signal [adc counts]

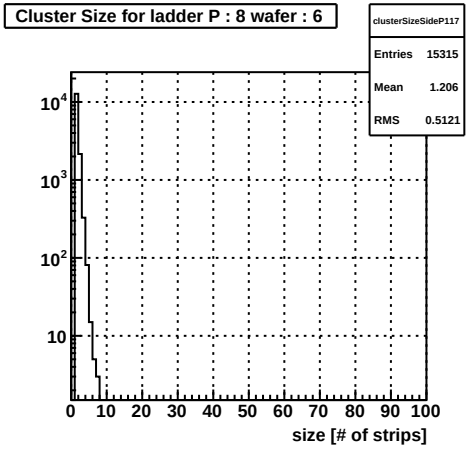

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 14793
Mean 1.22
RMS 0.5323
size [# of strips]

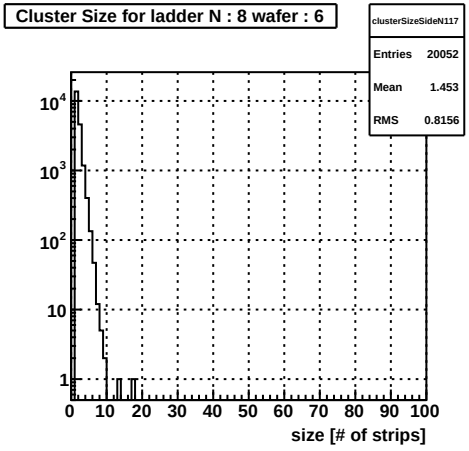

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 13400
Mean 1.42
RMS 0.7827
size [# of strips]

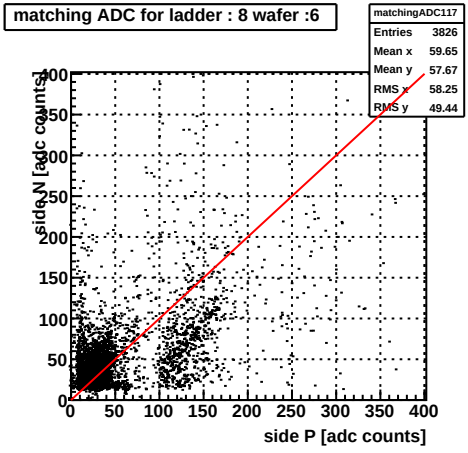

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 6211
Mean x 70.91
Mean y 54.28
RMS x 56
RMS y 49.46
side N [adc counts]
side P [adc counts]

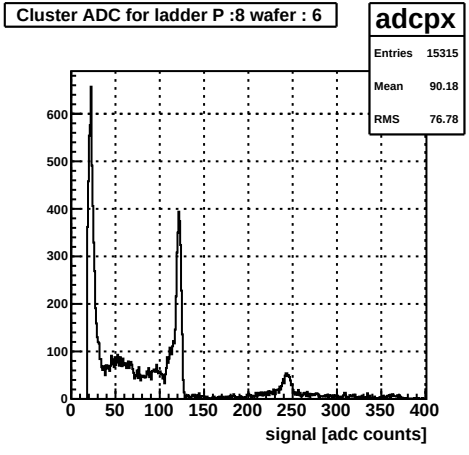

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 14793
Mean 64.32
RMS 53.76
signal [adc counts]

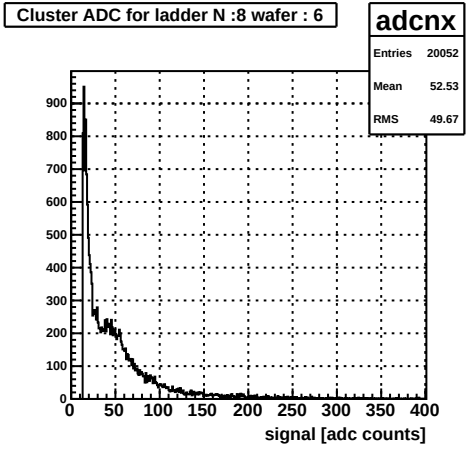

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 13400
Mean 51.42
RMS 48.92
signal [adc counts]

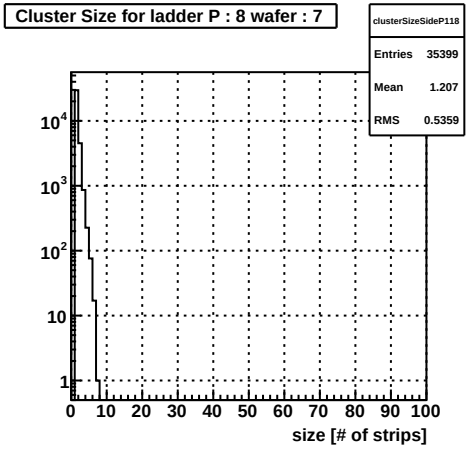

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 15315
Mean 1.206
RMS 0.5121
size [# of strips]

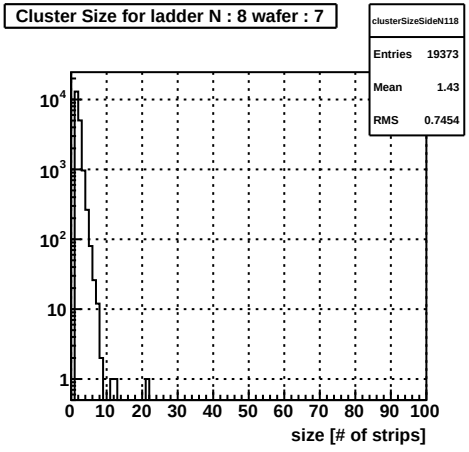

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 20052
Mean 1.453
RMS 0.8156
size [# of strips]

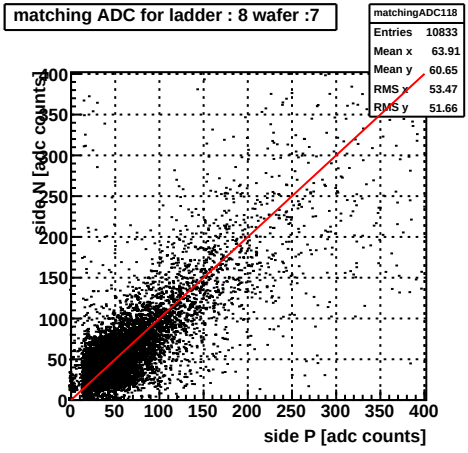

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3826
Mean x 59.65
Mean y 57.67
RMS x 58.25
RMS y 49.44
side N [adc counts]
side P [adc counts]

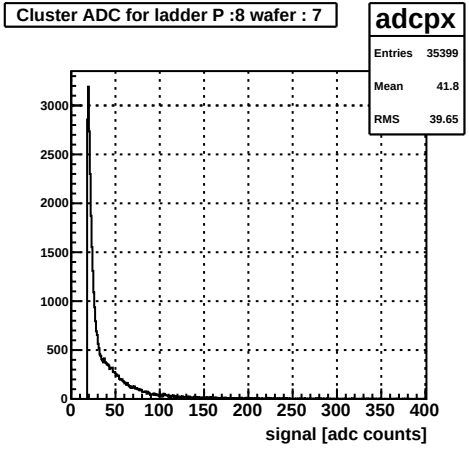

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 15315
Mean 90.18
RMS 76.78
signal [adc counts]

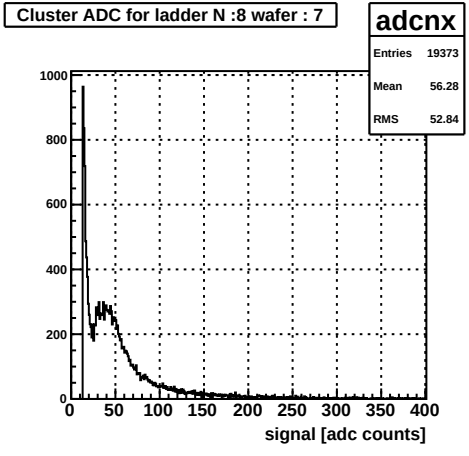

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 20052
Mean 52.53
RMS 49.67
signal [adc counts]

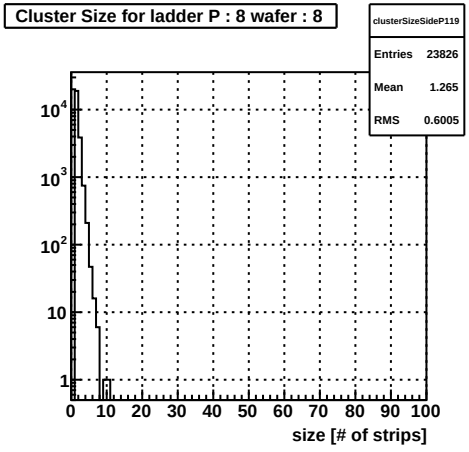

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 35399
Mean 1.207
RMS 0.5359
size [# of strips]

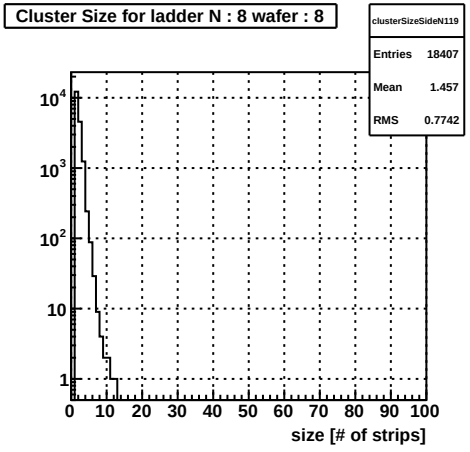

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 19373
Mean 1.43
RMS 0.7454
size [# of strips]

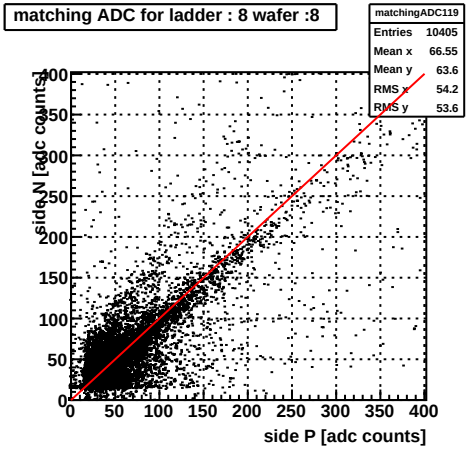

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 10833
Mean x 63.91
Mean y 60.65
RMS x 53.47
RMS y 51.66
side N [adc counts]
side P [adc counts]

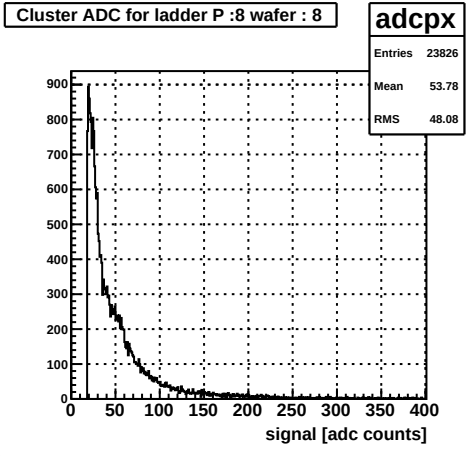

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 35399
Mean 41.8
RMS 39.65
signal [adc counts]

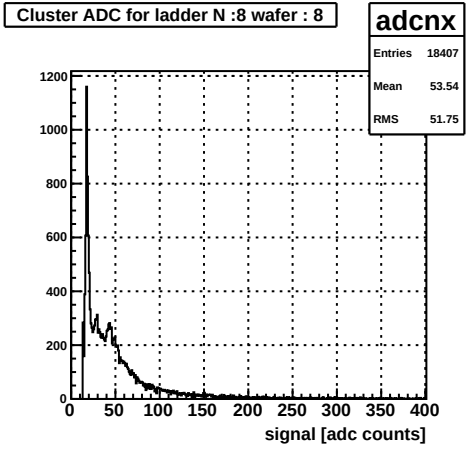

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 19373
Mean 56.28
RMS 52.84
signal [adc counts]

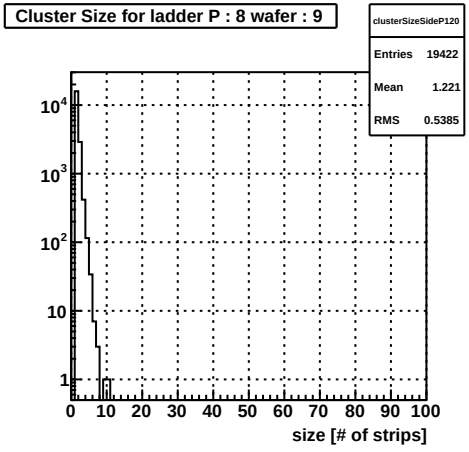

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 23826
Mean 1.265
RMS 0.6005
size [# of strips]

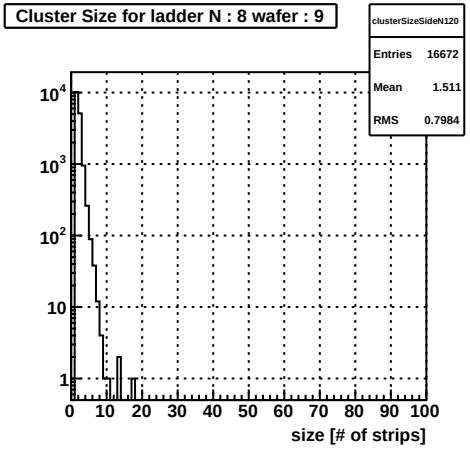

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 18407
Mean 1.457
RMS 0.7742
size [# of strips]

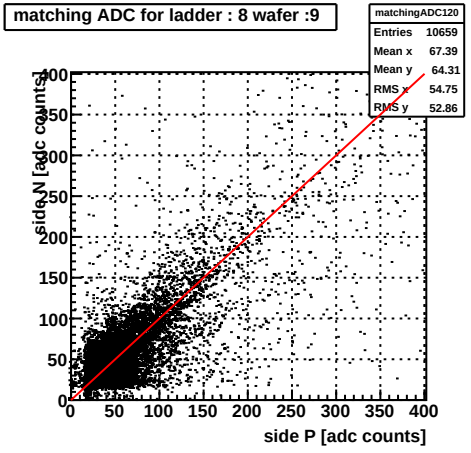

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 10405
Mean x 66.55
Mean y 63.6
RMS x 54.2
RMS y 53.6
side N [adc counts]
side P [adc counts]

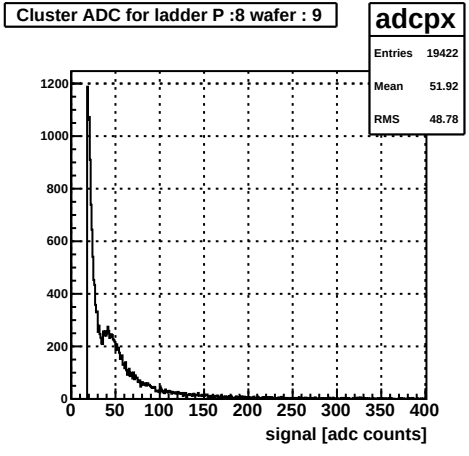

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 23826
Mean 53.78
RMS 48.08
signal [adc counts]

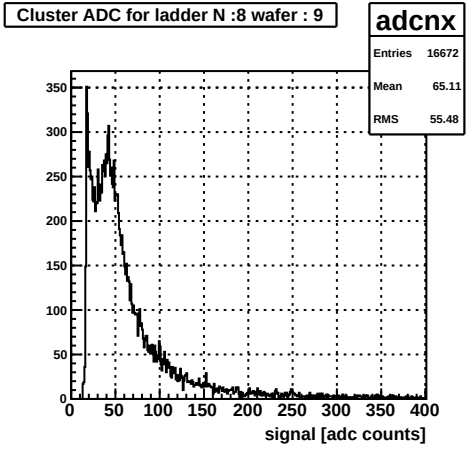

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 18407
Mean 53.54
RMS 51.75
signal [adc counts]

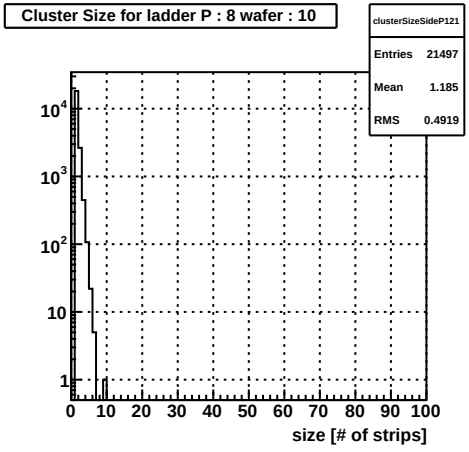

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 19422
Mean 1.221
RMS 0.5385
size [# of strips]

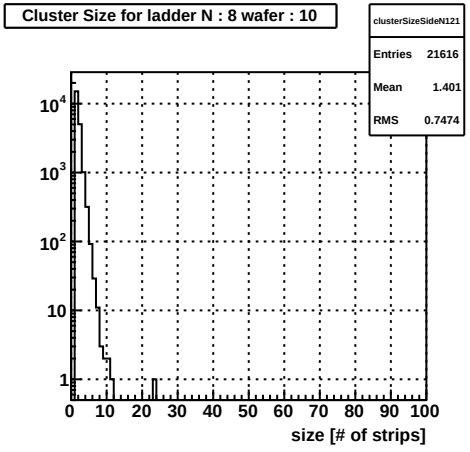

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 16672
Mean 1.511
RMS 0.7984
size [# of strips]

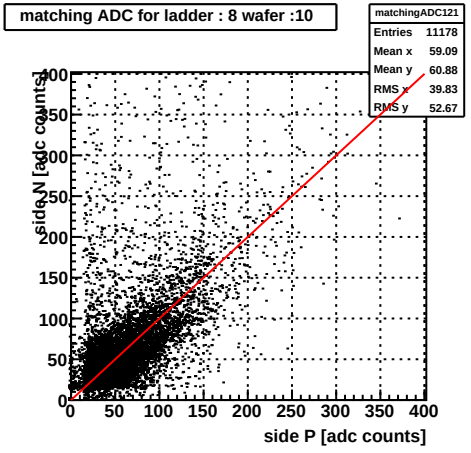

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 10659
Mean x 67.39
Mean y 64.31
RMS x 54.75
RMS y 52.86
side N [adc counts]
side P [adc counts]

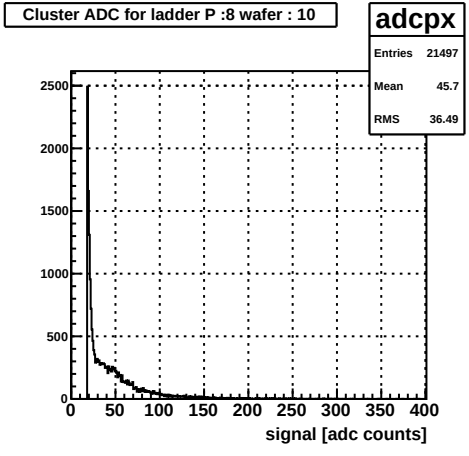

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 19422
Mean 51.92
RMS 48.78
signal [adc counts]

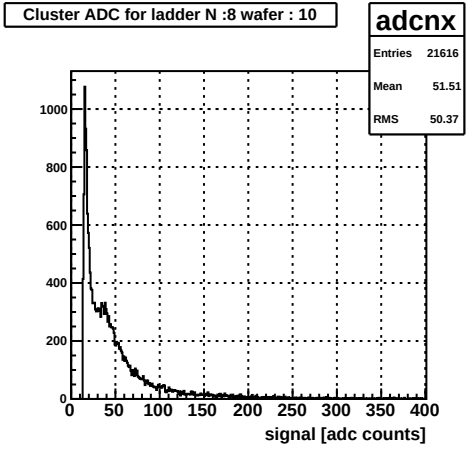

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 16672
Mean 65.11
RMS 55.48
signal [adc counts]

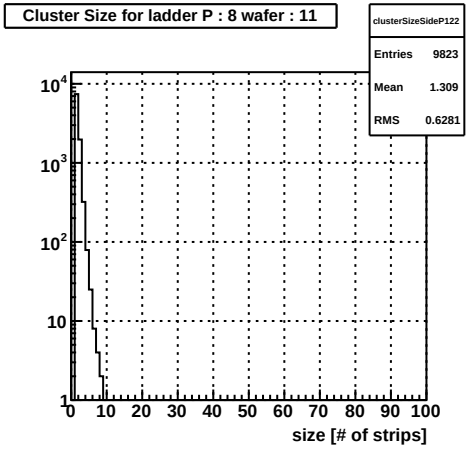

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 21497
Mean 1.185
RMS 0.4919
size [# of strips]

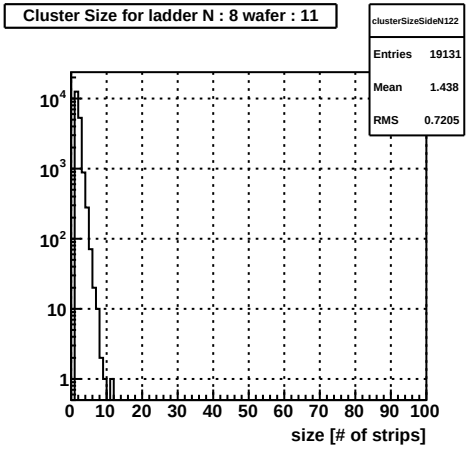

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 21616
Mean 1.401
RMS 0.7474
size [# of strips]

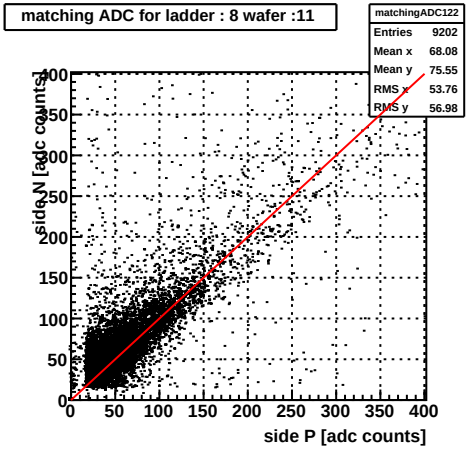

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 11178
Mean x 59.09
Mean y 60.88
RMS x 39.83
RMS y 52.67
side N [adc counts]
side P [adc counts]

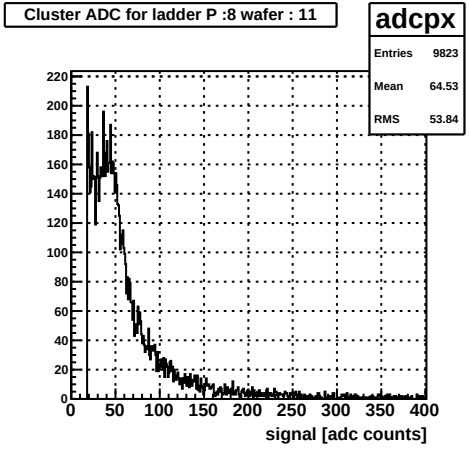

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 21497
Mean 45.7
RMS 36.49
signal [adc counts]

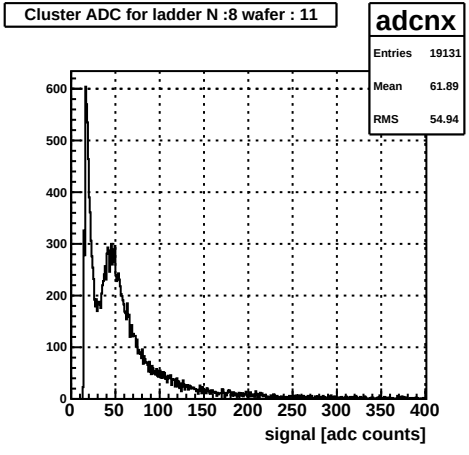

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 21616
Mean 51.51
RMS 50.37
signal [adc counts]

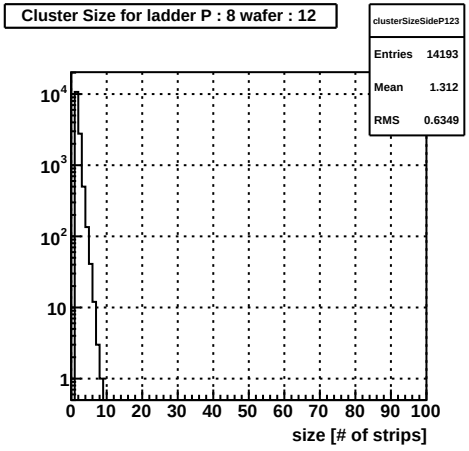

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 9823
Mean 1.309
RMS 0.6281
size [# of strips]

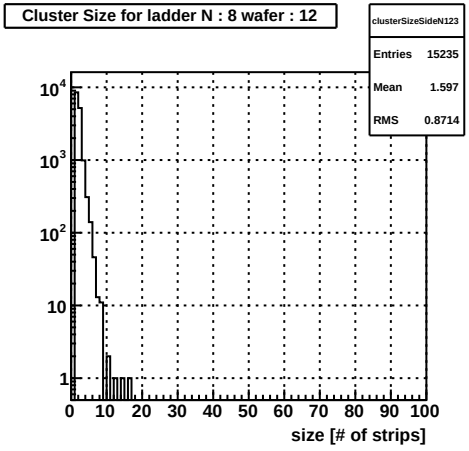

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 19131
Mean 1.438
RMS 0.7205
size [# of strips]

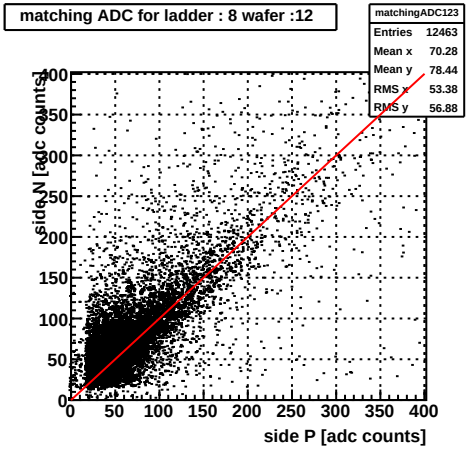

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 9202
Mean x 68.08
Mean y 75.55
RMS x 53.76
RMS y 56.98
side N [adc counts]
side P [adc counts]

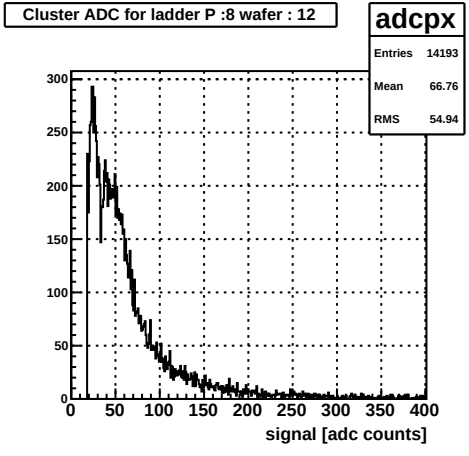

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 9823
Mean 64.53
RMS 53.84
signal [adc counts]

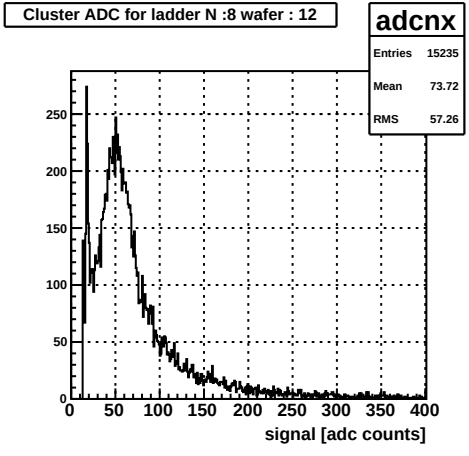

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 19131
Mean 61.89
RMS 54.94
signal [adc counts]

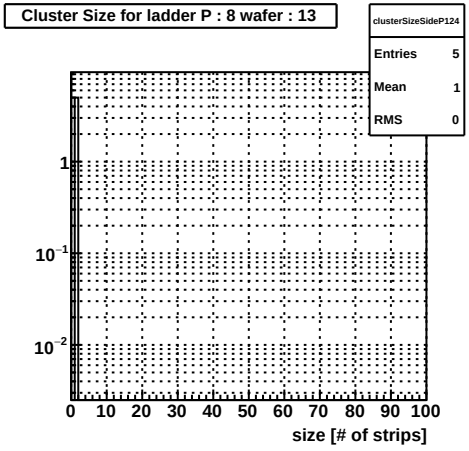

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 14193
Mean 1.312
RMS 0.6349
size [# of strips]

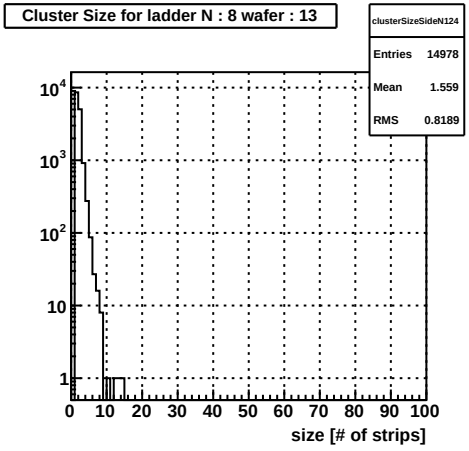

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 15235
Mean 1.597
RMS 0.8714
size [# of strips]

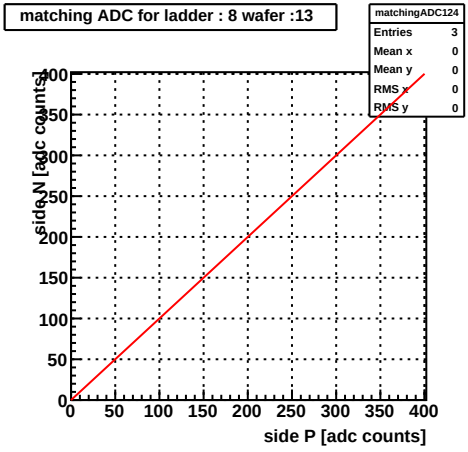

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 12463
Mean x 70.28
Mean y 78.44
RMS x 53.38
RMS y 56.88
side N [adc counts]
side P [adc counts]

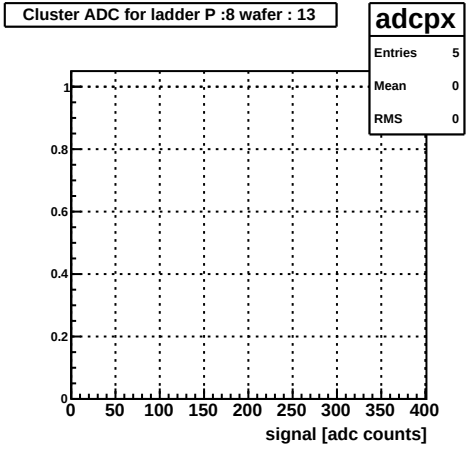

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 14193
Mean 66.76
RMS 54.94
signal [adc counts]

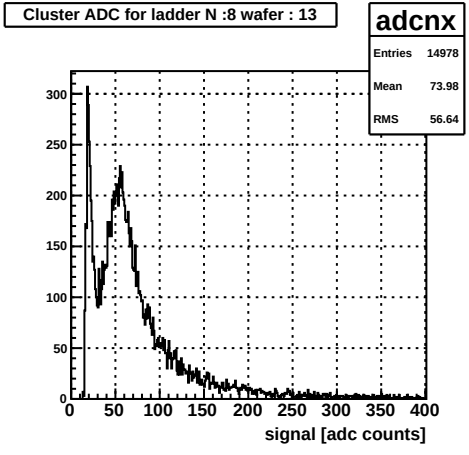

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 15235
Mean 73.72
RMS 57.26
signal [adc counts]

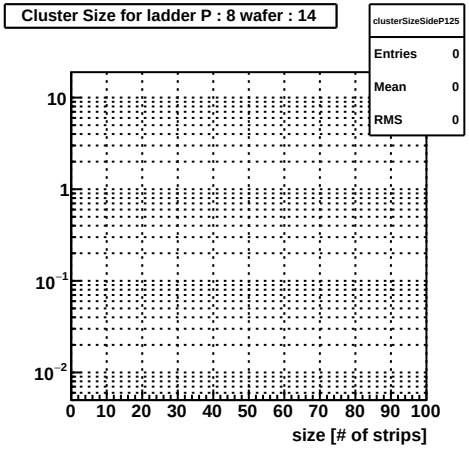

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 5
Mean 1
RMS 0
size [# of strips]

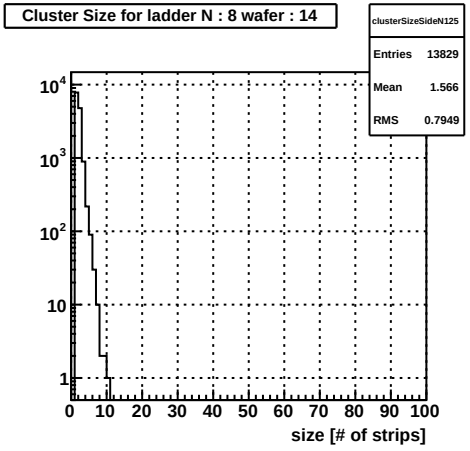

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 14978
Mean 1.559
RMS 0.8189
size [# of strips]

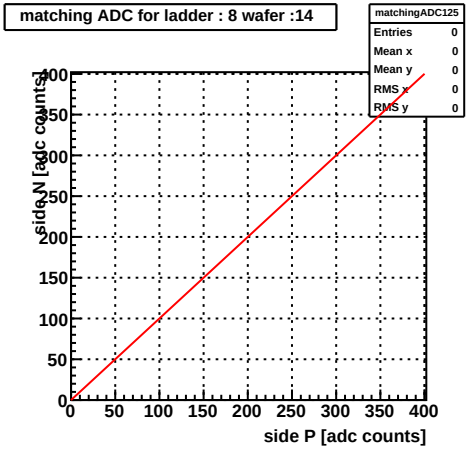

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

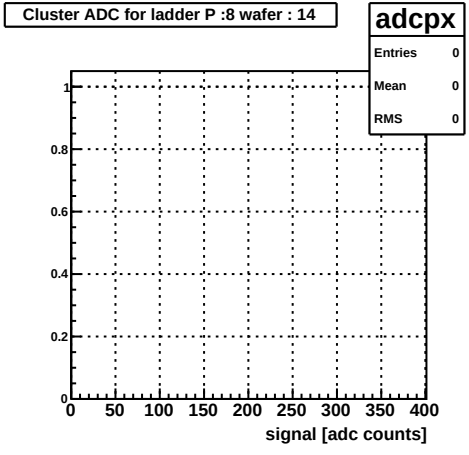

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

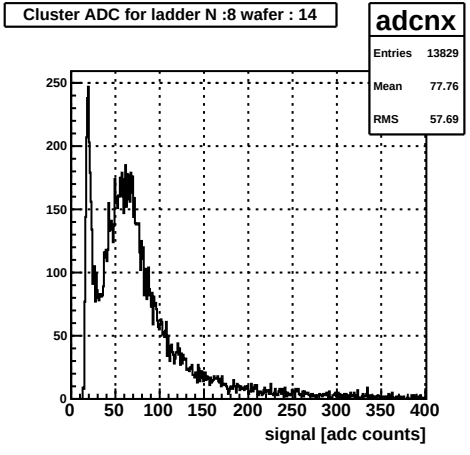

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 14978
Mean 73.98
RMS 56.64
signal [adc counts]

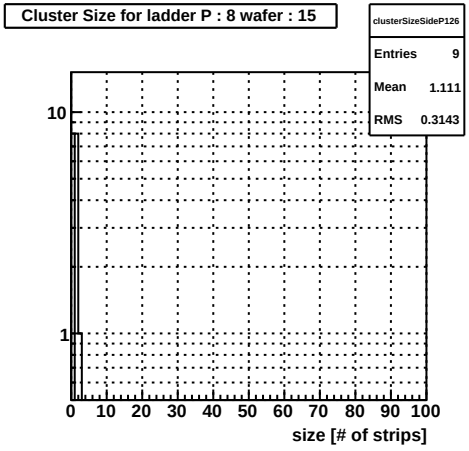

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

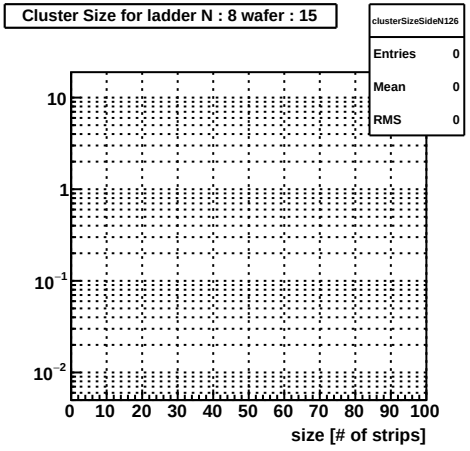

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 13829
Mean 1.566
RMS 0.7949
size [# of strips]

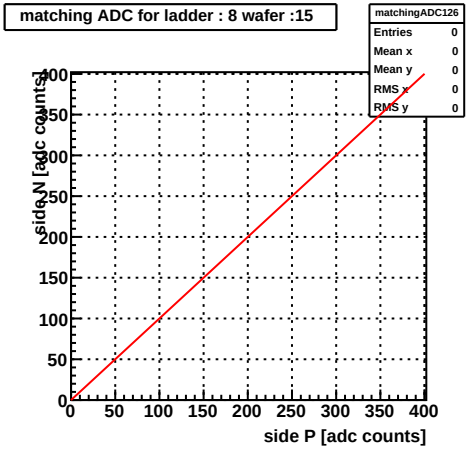

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

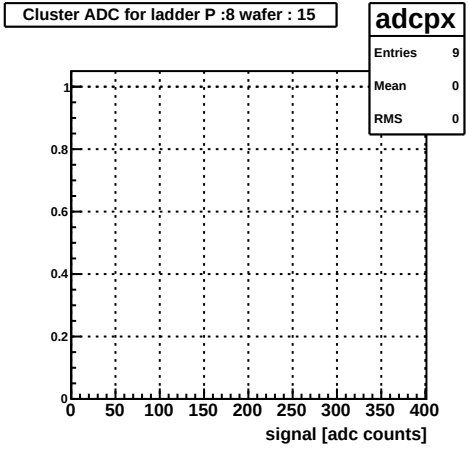

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

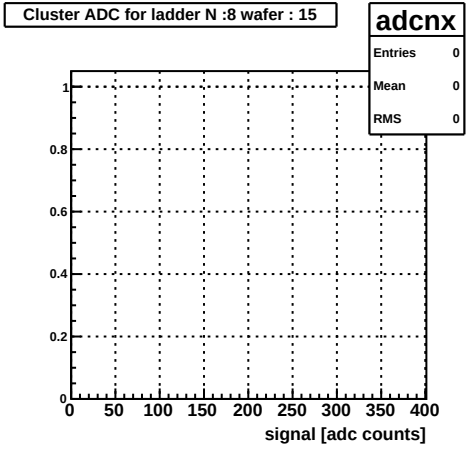

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 13829
Mean 77.76
RMS 57.69
signal [adc counts]

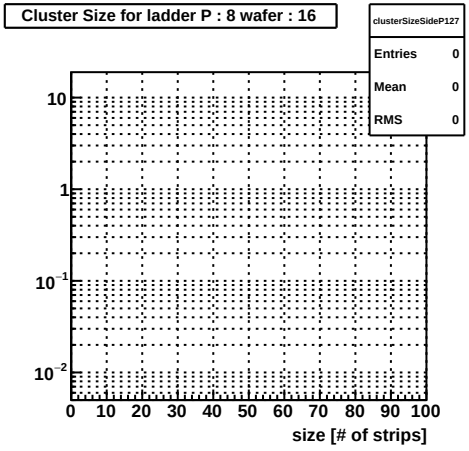

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 9
Mean 1.111
RMS 0.3143
size [# of strips]

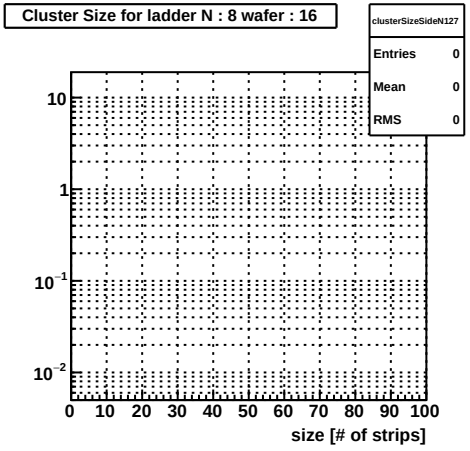

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

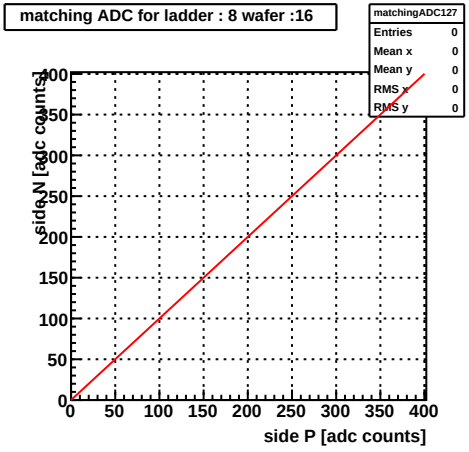

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

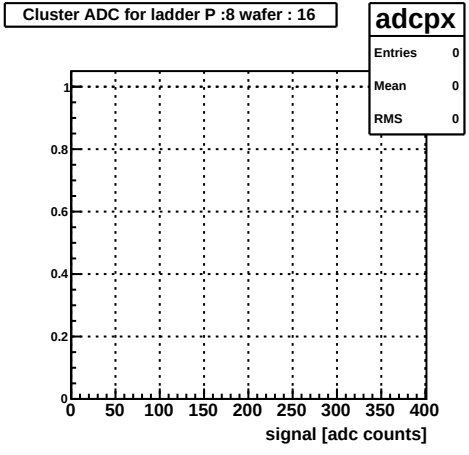

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

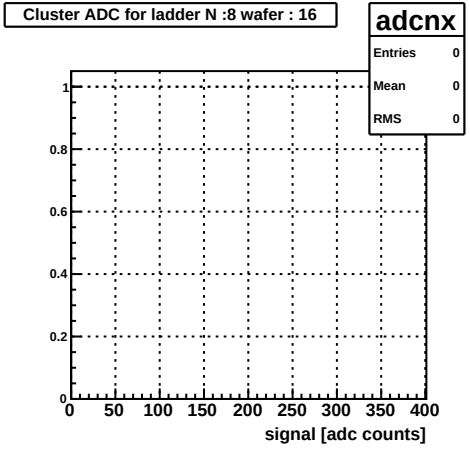

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

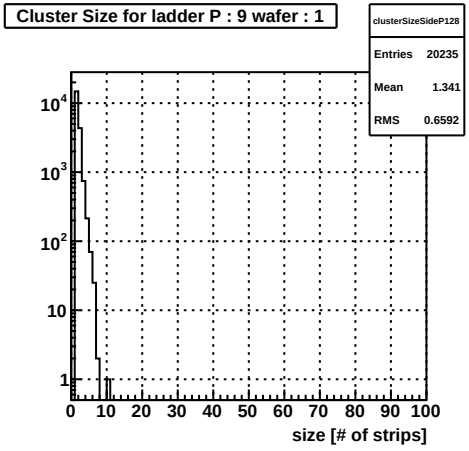

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

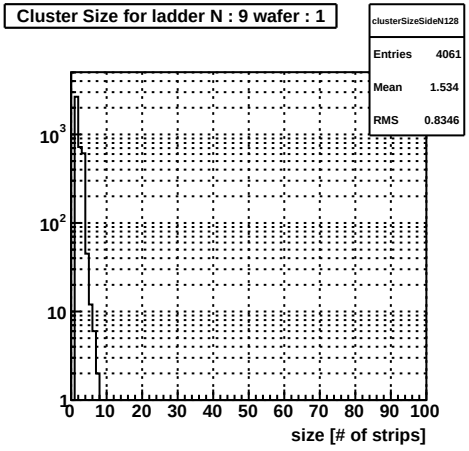

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

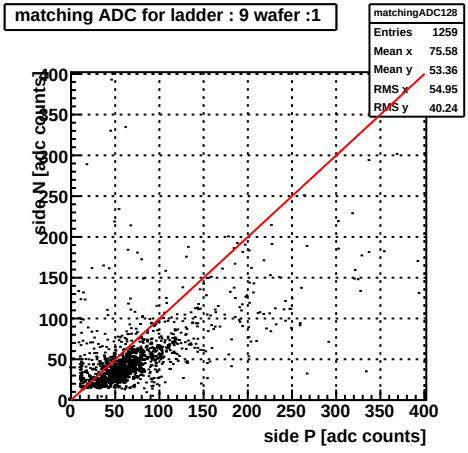

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

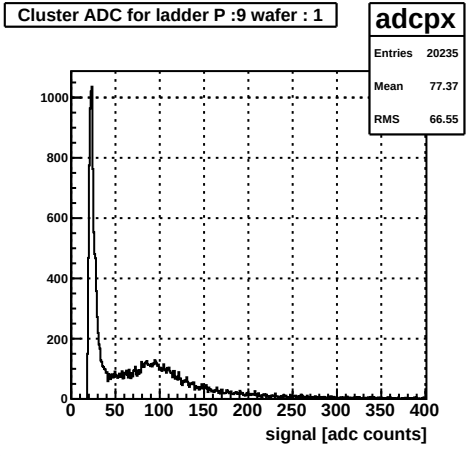

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

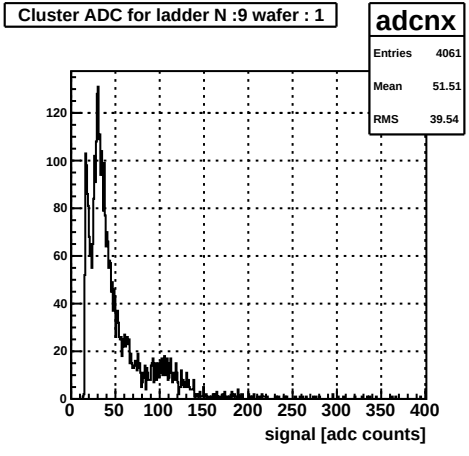

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

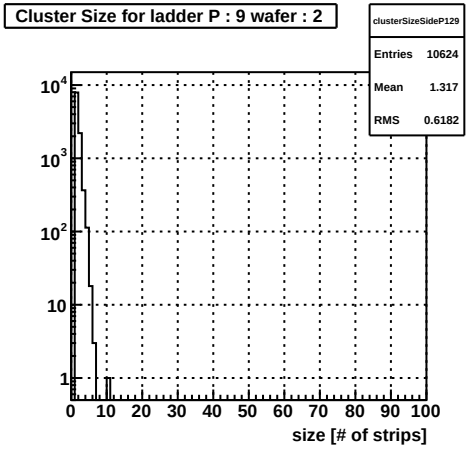

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 20235
Mean 1.341
RMS 0.6592
size [# of strips]

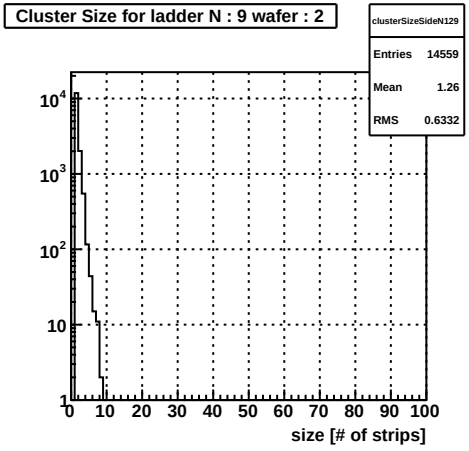

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 4061
Mean 1.534
RMS 0.8346
size [# of strips]

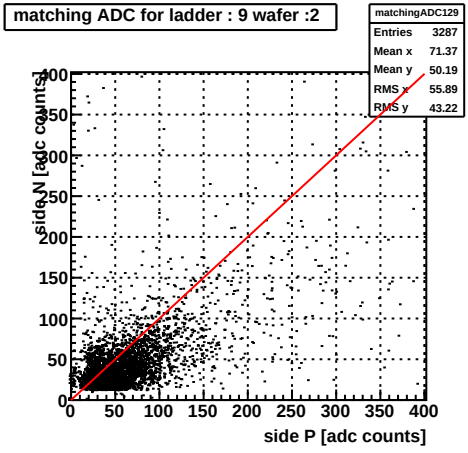

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1259
Mean x 75.58
Mean y 53.36
RMS x 54.95
RMS y 40.24
side N [adc counts]
side P [adc counts]

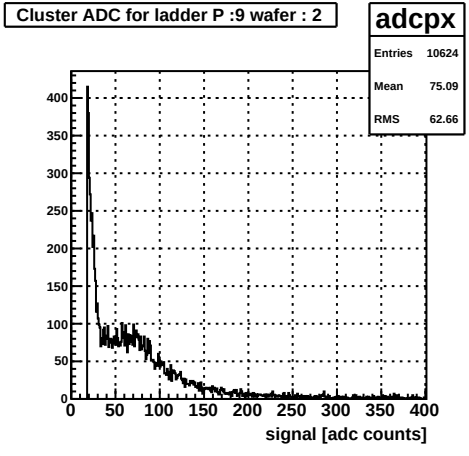

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 20235
Mean 77.37
RMS 66.55
signal [adc counts]

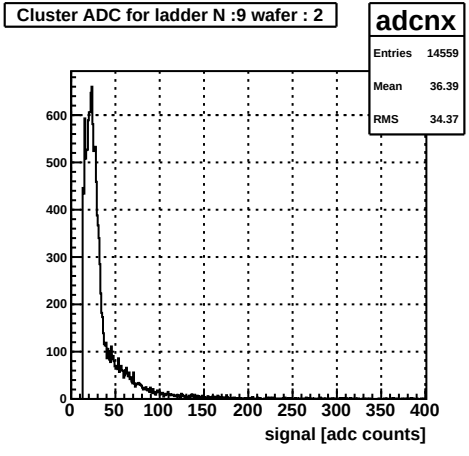

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 4061
Mean 51.51
RMS 39.54
signal [adc counts]

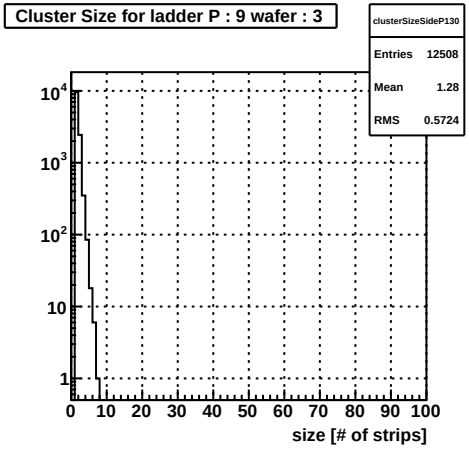

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 10624
Mean 1.317
RMS 0.6182
size [# of strips]

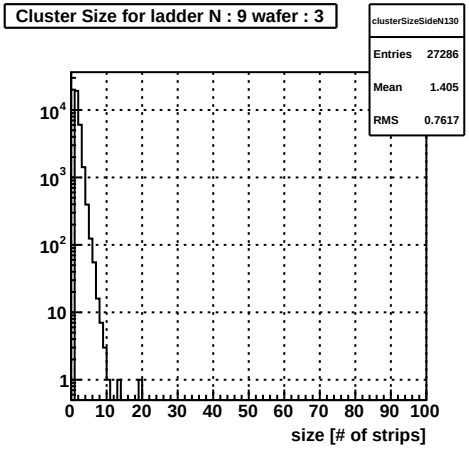

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 14559
Mean 1.26
RMS 0.6332
size [# of strips]

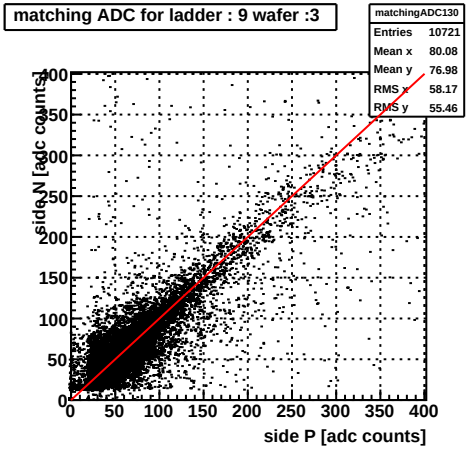

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3287
Mean x 71.37
Mean y 50.19
RMS x 55.89
RMS y 43.22
side N [adc counts]
side P [adc counts]

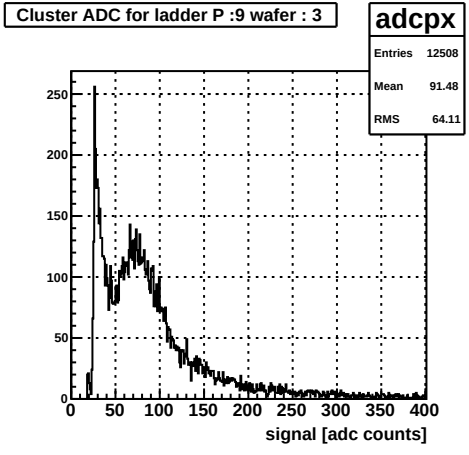

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 10624
Mean 75.09
RMS 62.66
signal [adc counts]

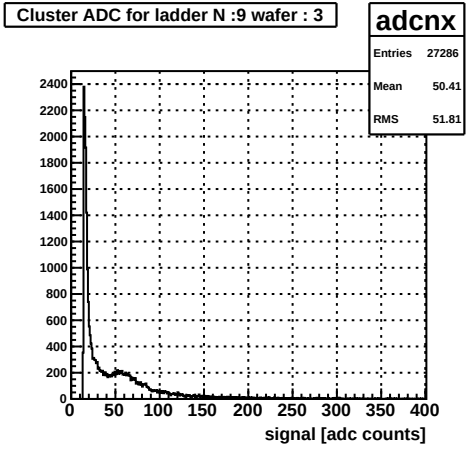

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 14559
Mean 36.39
RMS 34.37
signal [adc counts]

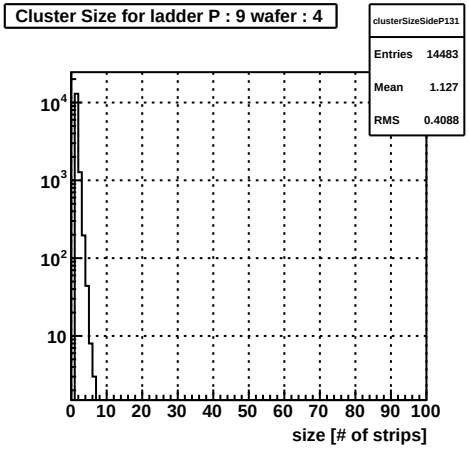

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 12508
Mean 1.28
RMS 0.5724
size [# of strips]

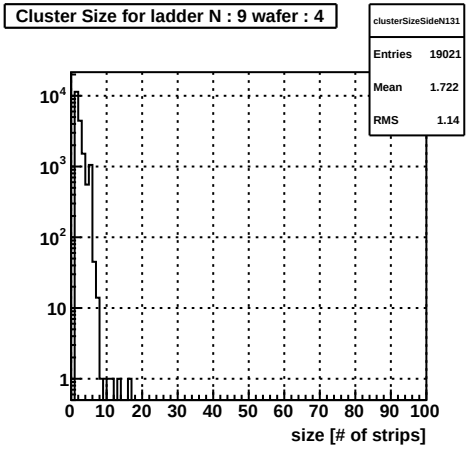

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 27286
Mean 1.405
RMS 0.7617
size [# of strips]

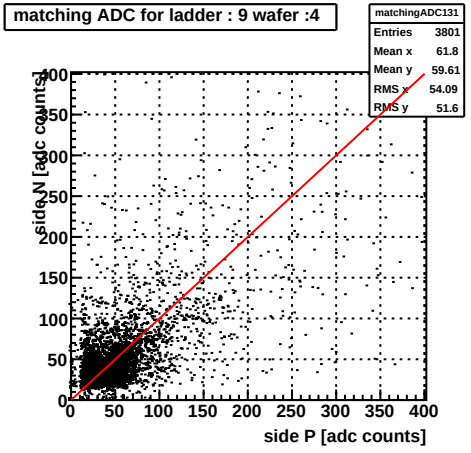

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 10721
Mean x 80.08
Mean y 76.98
RMS x 58.17
RMS y 55.46
side N [adc counts]
side P [adc counts]

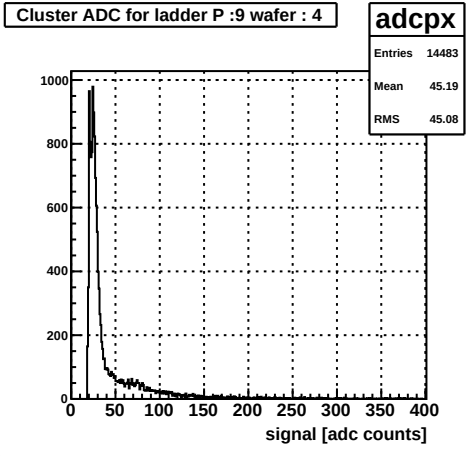

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 12508
Mean 91.48
RMS 64.11
signal [adc counts]

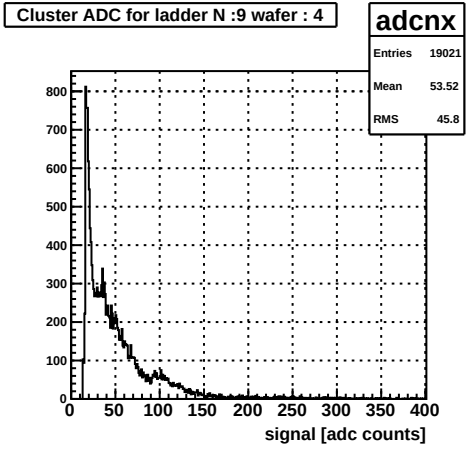

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 27286
Mean 50.41
RMS 51.81
signal [adc counts]

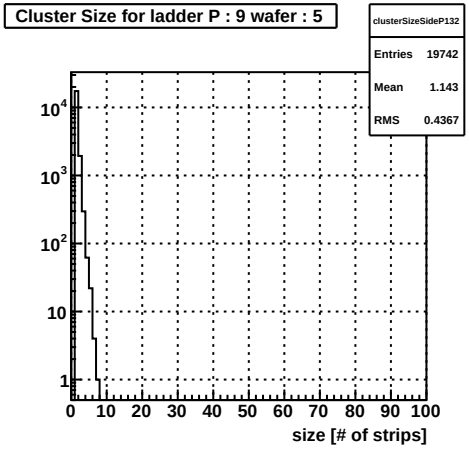

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 14483
Mean 1.127
RMS 0.4088
size [# of strips]

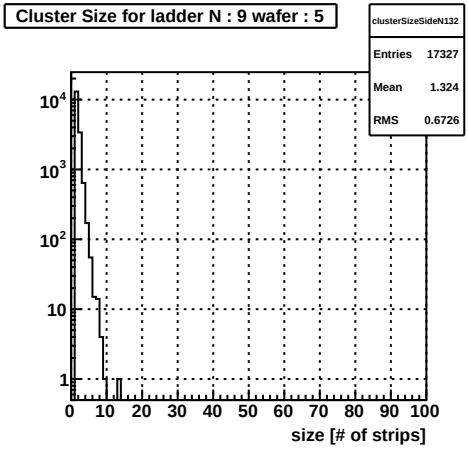

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 19021
Mean 1.722
RMS 1.14
size [# of strips]

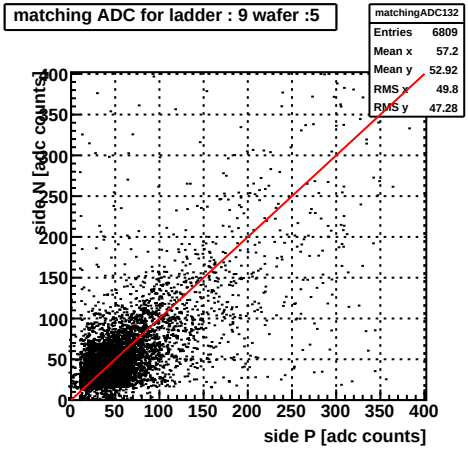

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 3801
Mean x 61.8
Mean y 59.61
RMS x 54.09
RMS y 51.6
side N [adc counts]
side P [adc counts]

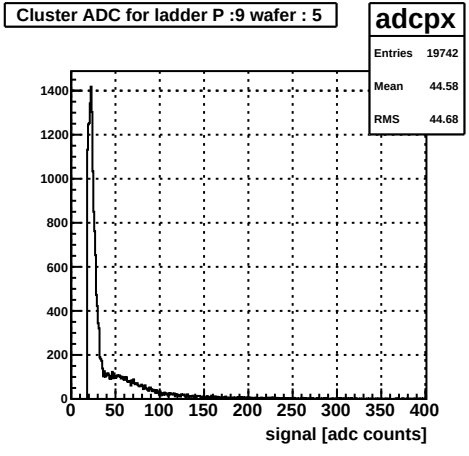

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 14483
Mean 45.19
RMS 45.08
signal [adc counts]

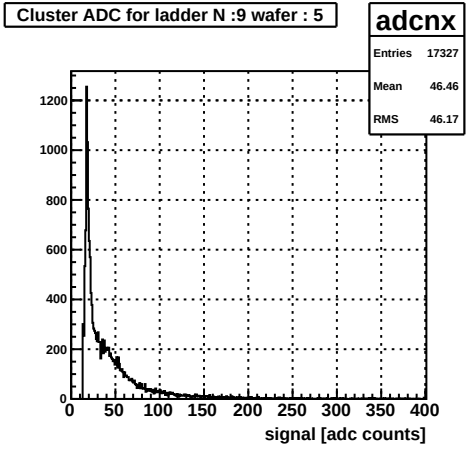

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 19021
Mean 53.52
RMS 45.8
signal [adc counts]

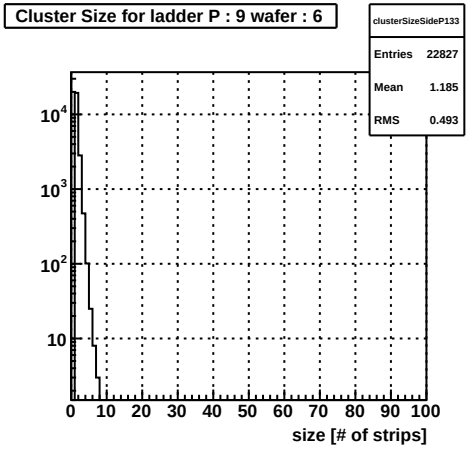

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 19742
Mean 1.143
RMS 0.4367
size [# of strips]

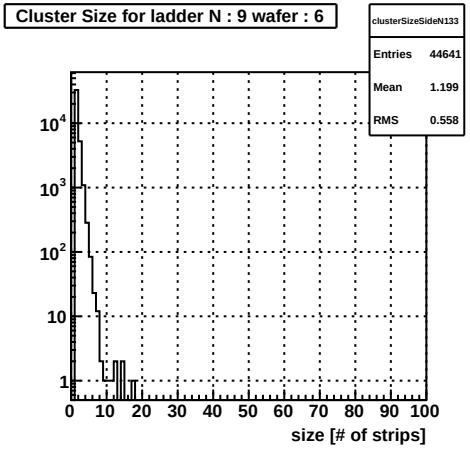

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 17327
Mean 1.324
RMS 0.6726
size [# of strips]

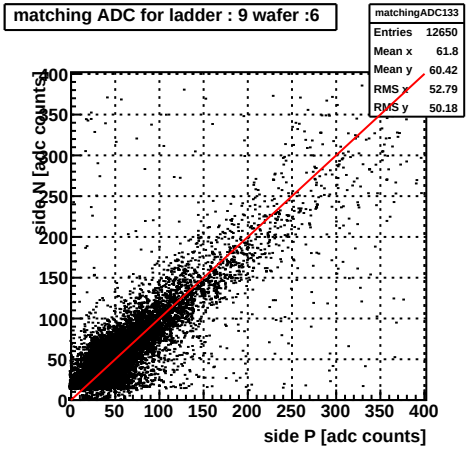

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6809
Mean x 57.2
Mean y 52.92
RMS x 49.8
RMS y 47.28
side N [adc counts]
side P [adc counts]

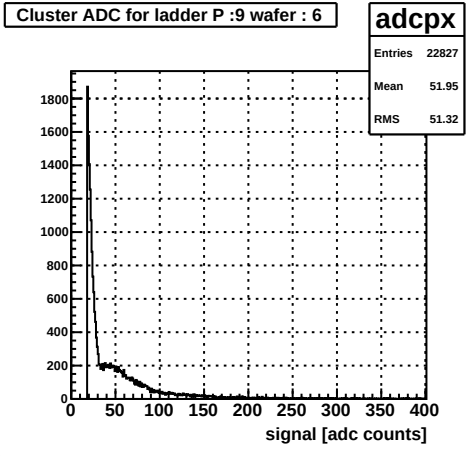

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 19742
Mean 44.58
RMS 44.68
signal [adc counts]

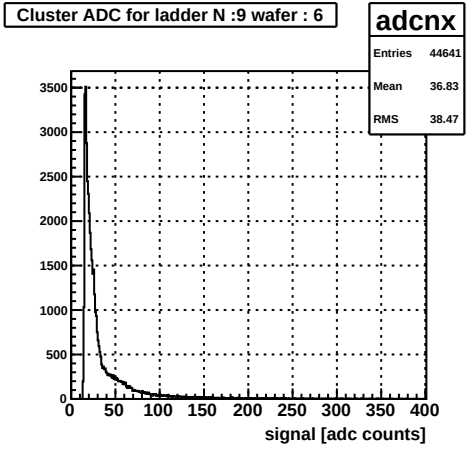

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 17327
Mean 46.46
RMS 46.17
signal [adc counts]

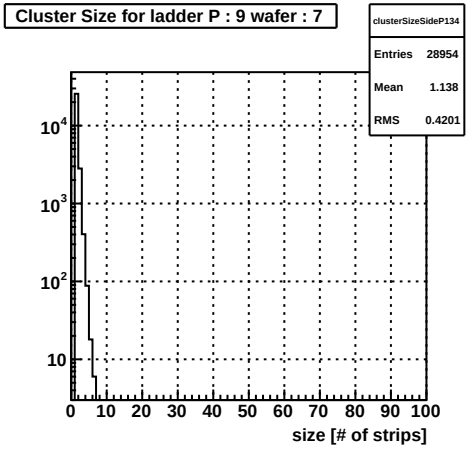

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 22827
Mean 1.185
RMS 0.493
size [# of strips]

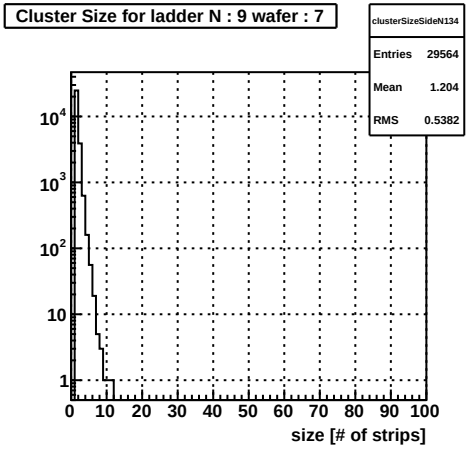

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 44641
Mean 1.199
RMS 0.558
size [# of strips]

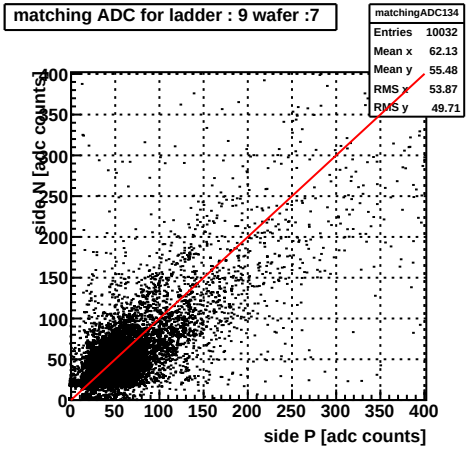

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 12650
Mean x 61.8
Mean y 60.42
RMS x 52.79
RMS y 50.18
side N [adc counts]
side P [adc counts]

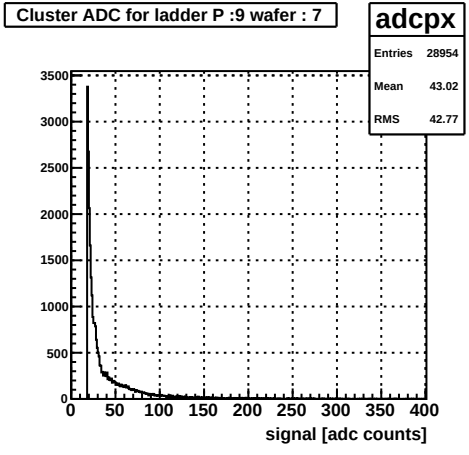

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 22827
Mean 51.95
RMS 51.32
signal [adc counts]

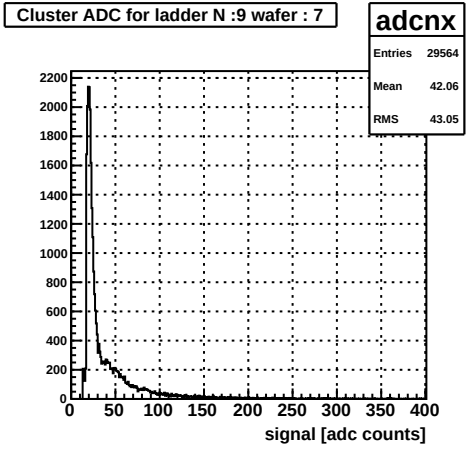

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 44641
Mean 36.83
RMS 38.47
signal [adc counts]

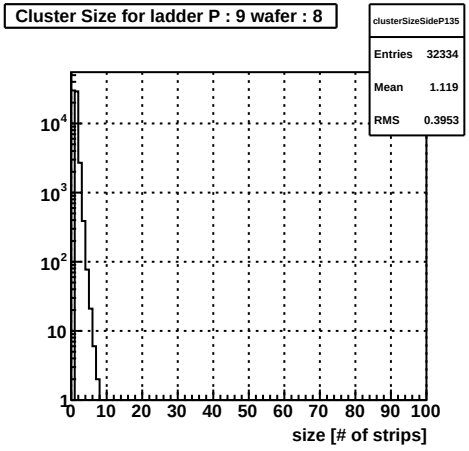

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 28954
Mean 1.138
RMS 0.4201
size [# of strips]

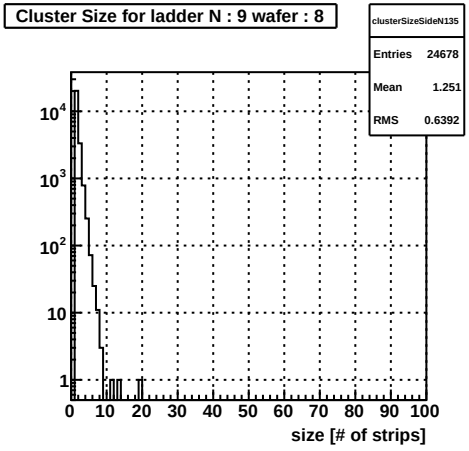

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 29564
Mean 1.204
RMS 0.5382
size [# of strips]

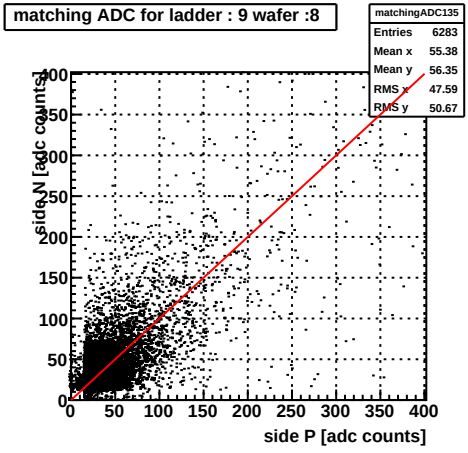

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 10032
Mean x 62.13
Mean y 55.48
RMS x 53.87
RMS y 49.71
side N [adc counts]
side P [adc counts]

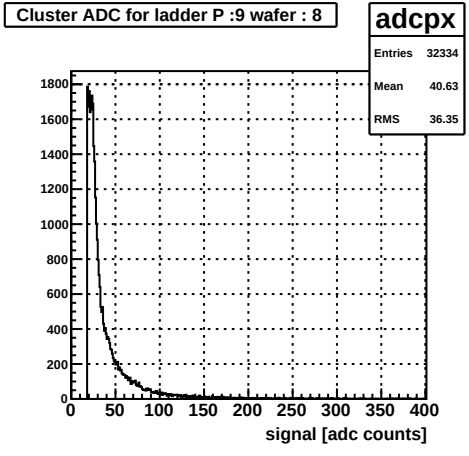

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 28954
Mean 43.02
RMS 42.77
signal [adc counts]

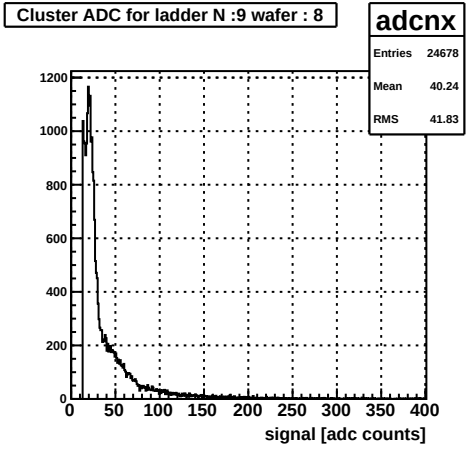

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 29564
Mean 42.06
RMS 43.05
signal [adc counts]

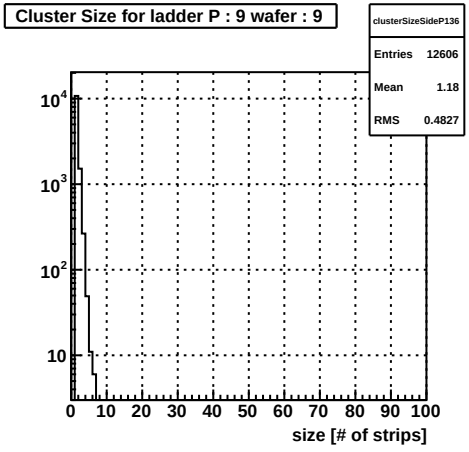

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 32334
Mean 1.119
RMS 0.3953
size [# of strips]

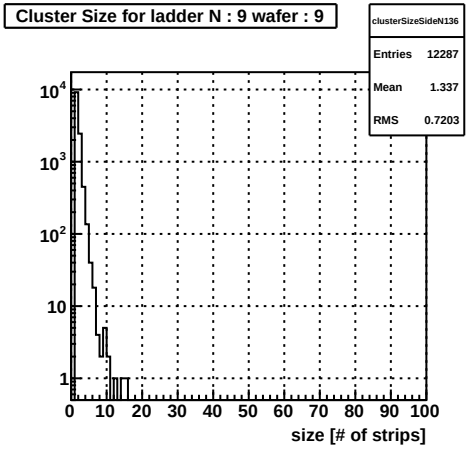

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 24678
Mean 1.251
RMS 0.6392
size [# of strips]

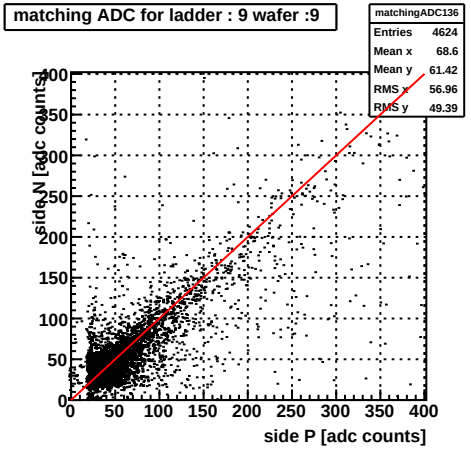

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 6283
Mean x 55.38
Mean y 56.35
RMS x 47.59
RMS y 50.67
side N [adc counts]
side P [adc counts]

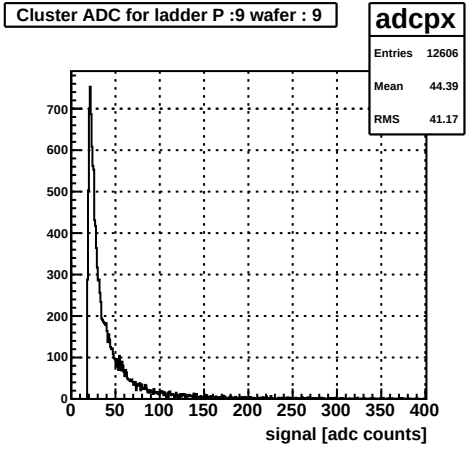

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 32334
Mean 40.63
RMS 36.35
signal [adc counts]

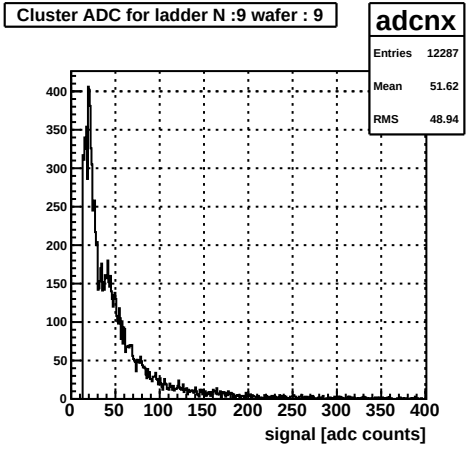

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 24678
Mean 40.24
RMS 41.83
signal [adc counts]

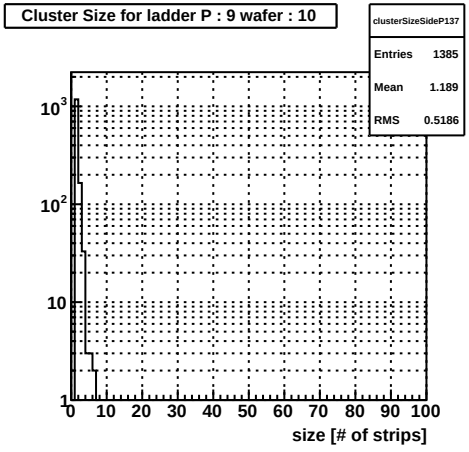

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 12606
Mean 1.18
RMS 0.4827
size [# of strips]

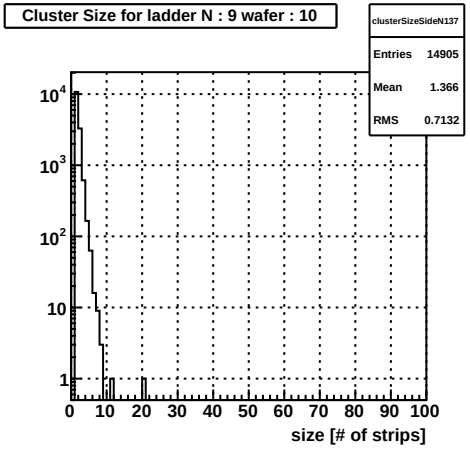

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 12287
Mean 1.337
RMS 0.7203
size [# of strips]

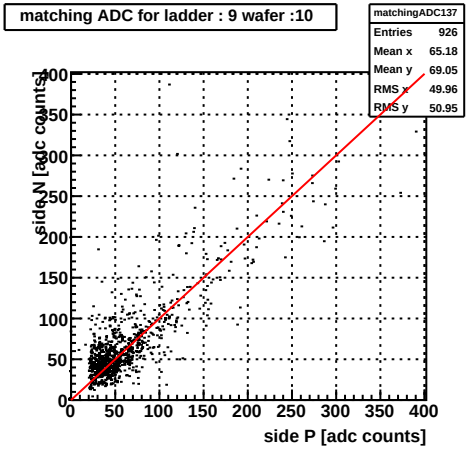

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 4624
Mean x 68.6
Mean y 61.42
RMS x 56.96
RMS y 49.39
side N [adc counts]
side P [adc counts]

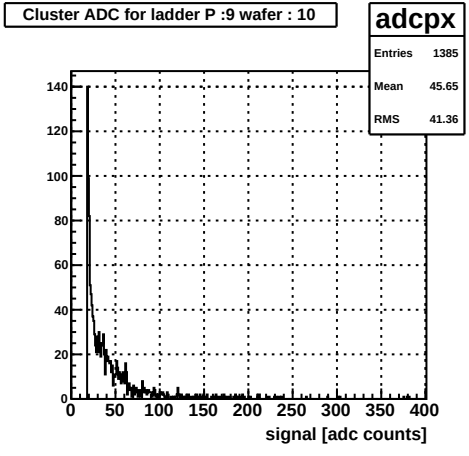

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 12606
Mean 44.39
RMS 41.17
signal [adc counts]

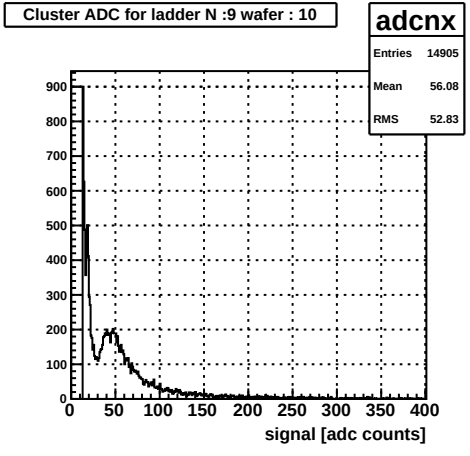

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 12287
Mean 51.62
RMS 48.94
signal [adc counts]

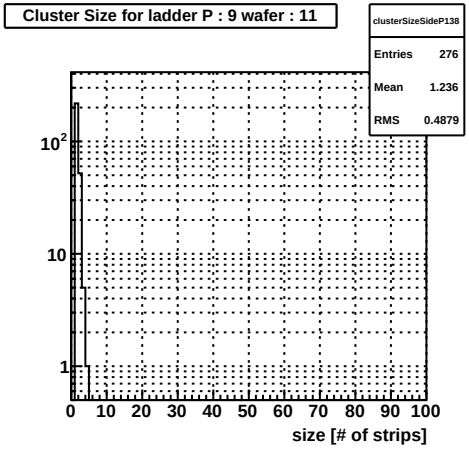

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1385
Mean 1.189
RMS 0.5186
size [# of strips]

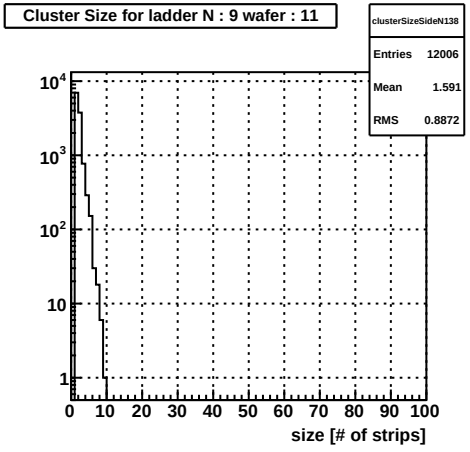

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 14905
Mean 1.366
RMS 0.7132
size [# of strips]

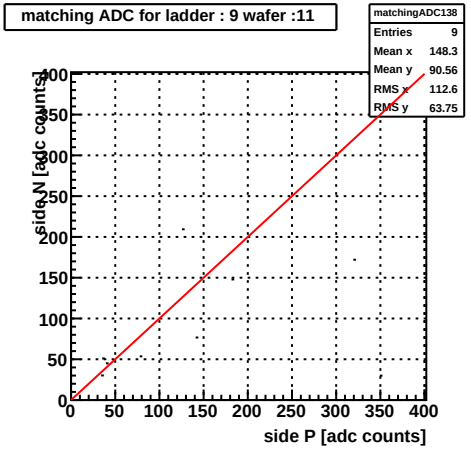

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 926
Mean x 65.18
Mean y 69.05
RMS x 49.96
RMS y 50.95
side N [adc counts]
side P [adc counts]

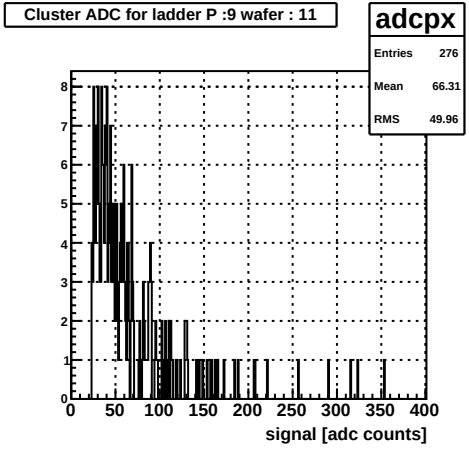

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1385
Mean 45.65
RMS 41.36
signal [adc counts]

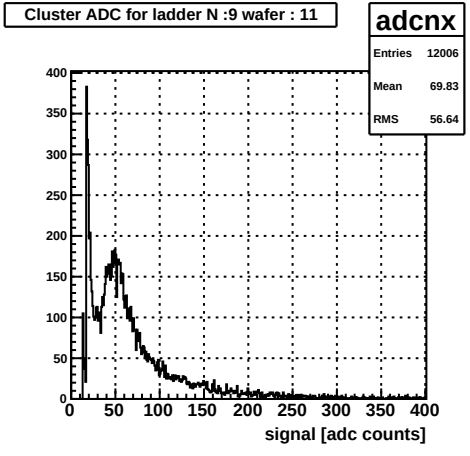

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 14905
Mean 56.08
RMS 52.83
signal [adc counts]

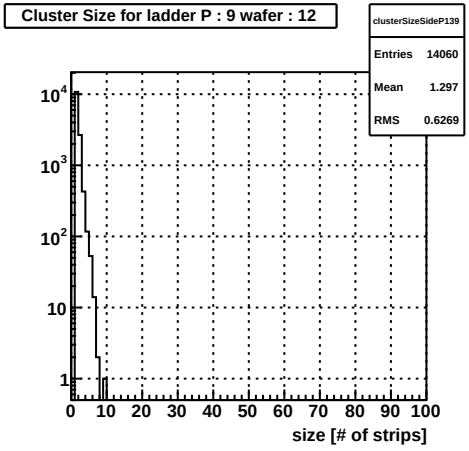

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 276
Mean 1.236
RMS 0.4879
size [# of strips]

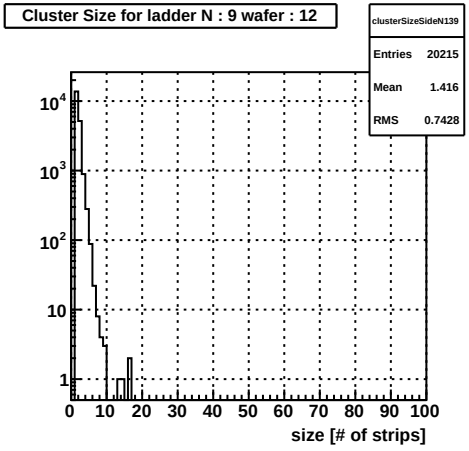

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 12006
Mean 1.591
RMS 0.8872
size [# of strips]

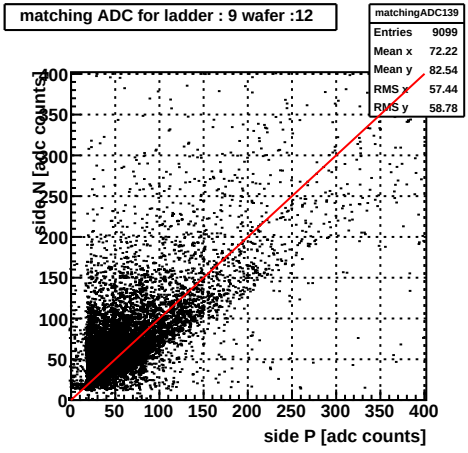

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 9
Mean x 148.3
Mean y 90.56
RMS x 112.6
RMS y 63.75
side N [adc counts]
side P [adc counts]

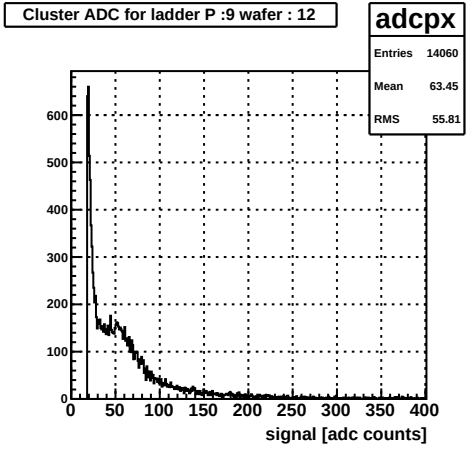

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 276
Mean 66.31
RMS 49.96
signal [adc counts]

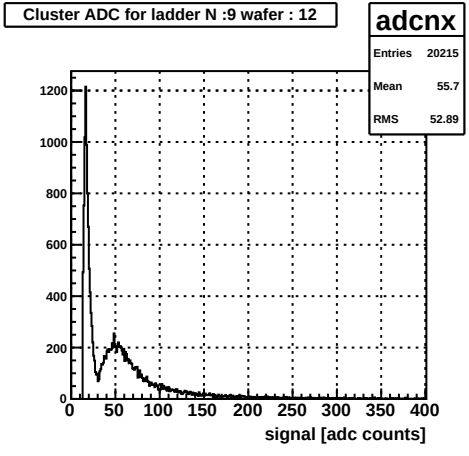

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 12006
Mean 69.83
RMS 56.64
signal [adc counts]

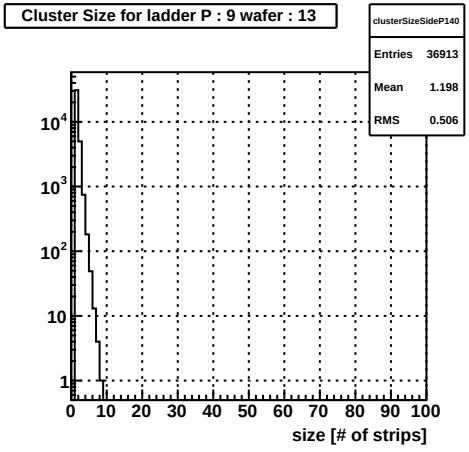

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 14060
Mean 1.297
RMS 0.6269
size [# of strips]

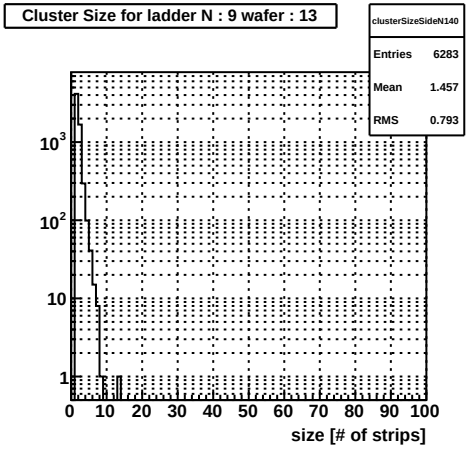

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 20215
Mean 1.416
RMS 0.7428
size [# of strips]

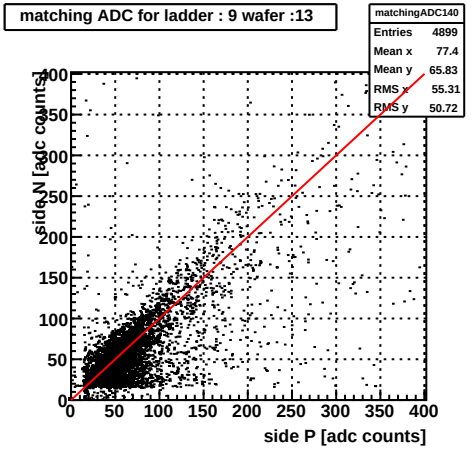

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 9099
Mean x 72.22
Mean y 82.54
RMS x 57.44
RMS y 58.78
side N [adc counts]
side P [adc counts]

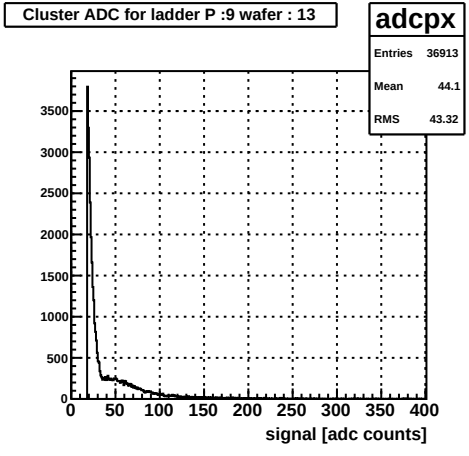

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 14060
Mean 63.45
RMS 55.81
signal [adc counts]

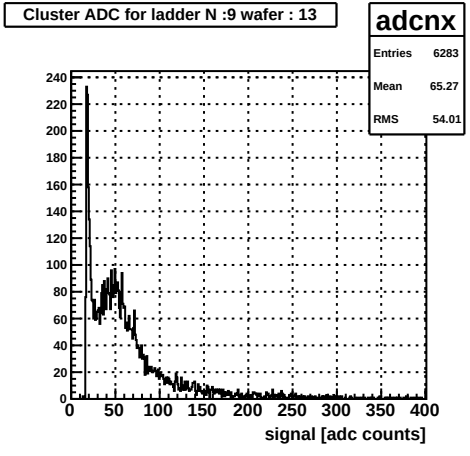

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 20215
Mean 55.7
RMS 52.89
signal [adc counts]

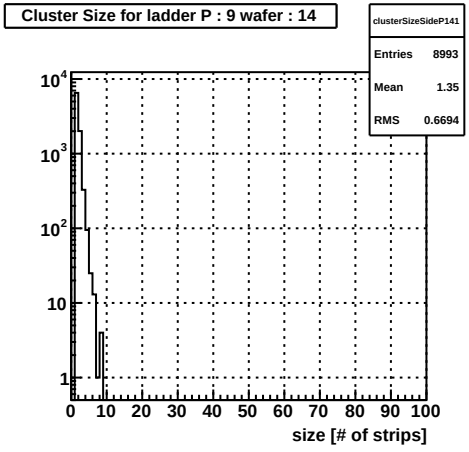

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 36913
Mean 1.198
RMS 0.506
size [# of strips]

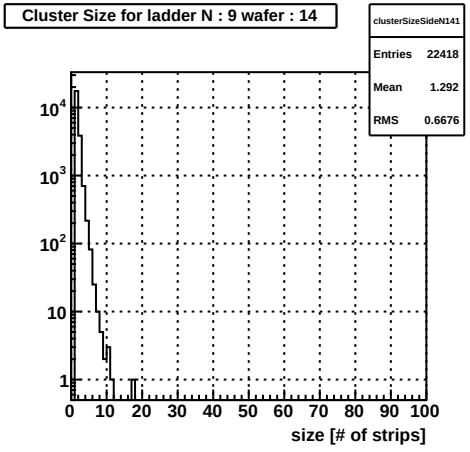

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 6283
Mean 1.457
RMS 0.793
size [# of strips]

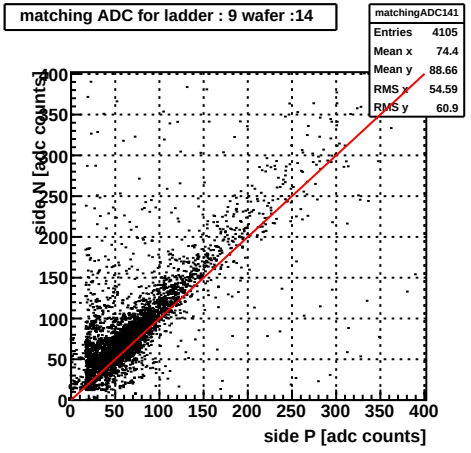

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 4899
Mean x 77.4
Mean y 65.83
RMS x 55.31
RMS y 50.72
side N [adc counts]
side P [adc counts]

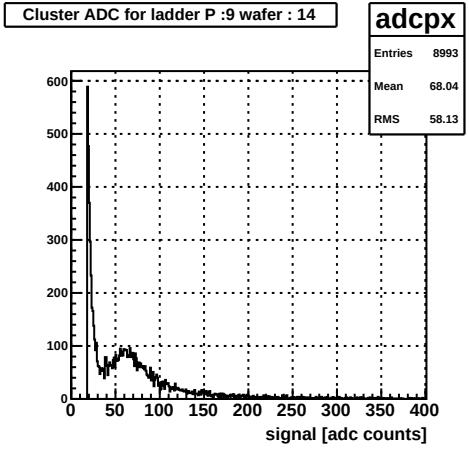

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 36913
Mean 44.1
RMS 43.32
signal [adc counts]

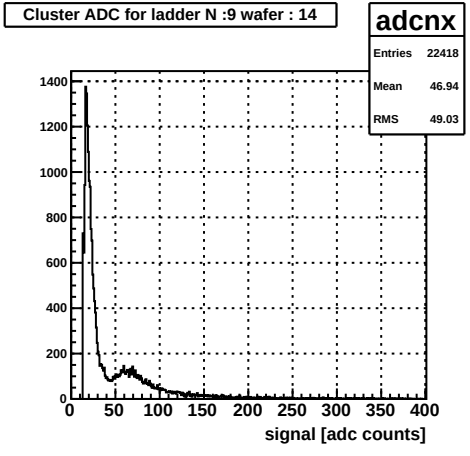

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 6283
Mean 65.27
RMS 54.01
signal [adc counts]

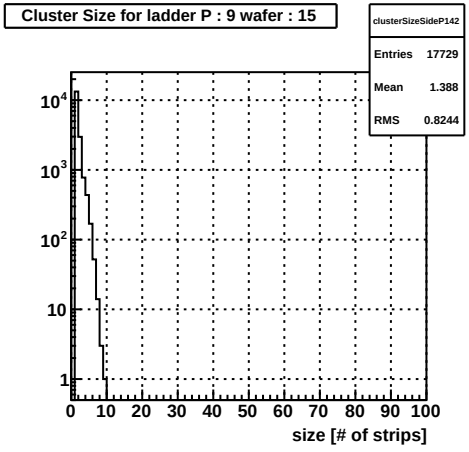

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 8993
Mean 1.35
RMS 0.6694
size [# of strips]

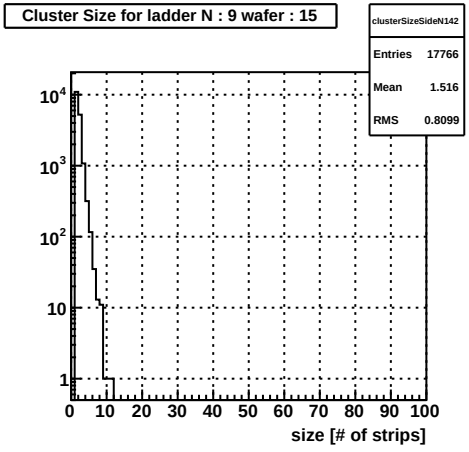

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 22418
Mean 1.292
RMS 0.6676
size [# of strips]

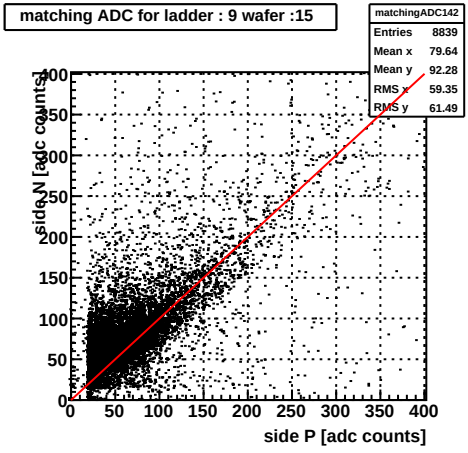

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 4105
Mean x 74.4
Mean y 88.66
RMS x 54.59
RMS y 60.9
side N [adc counts]
side P [adc counts]

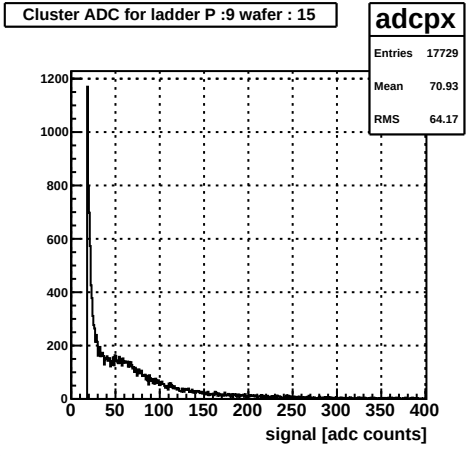

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 8993
Mean 68.04
RMS 58.13
signal [adc counts]

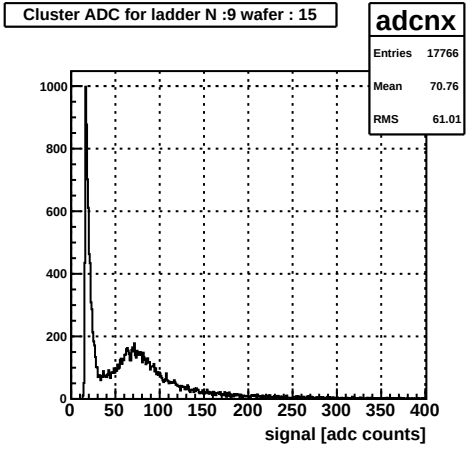

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 22418
Mean 46.94
RMS 49.03
signal [adc counts]

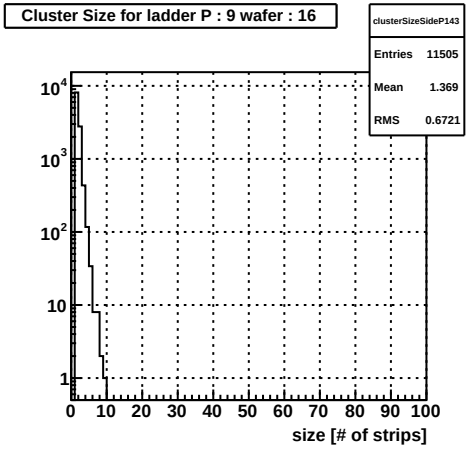

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 17729
Mean 1.388
RMS 0.8244
size [# of strips]

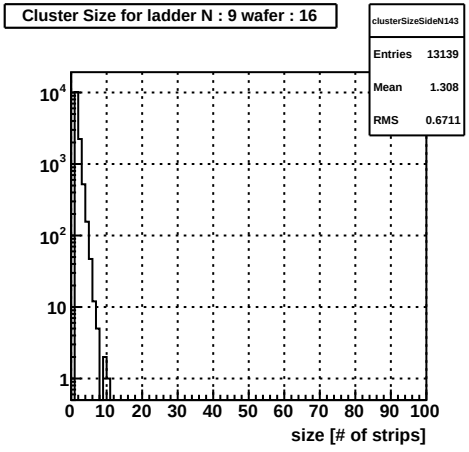

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 17766
Mean 1.516
RMS 0.8099
size [# of strips]

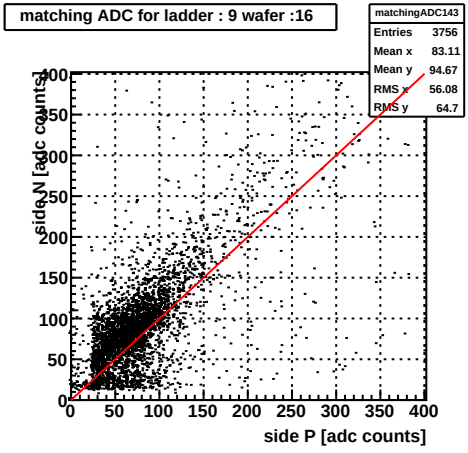

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 8839
Mean x 79.64
Mean y 92.28
RMS x 59.35
RMS y 61.49
side N [adc counts]
side P [adc counts]

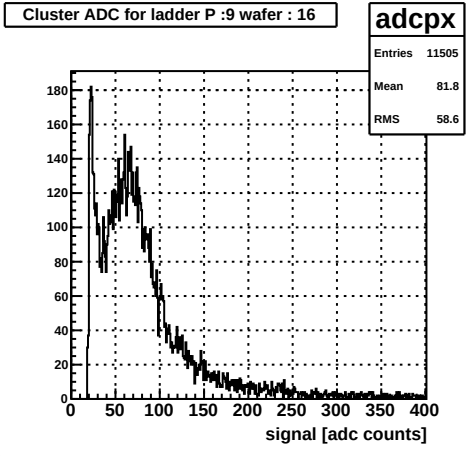

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 17729
Mean 70.93
RMS 64.17
signal [adc counts]

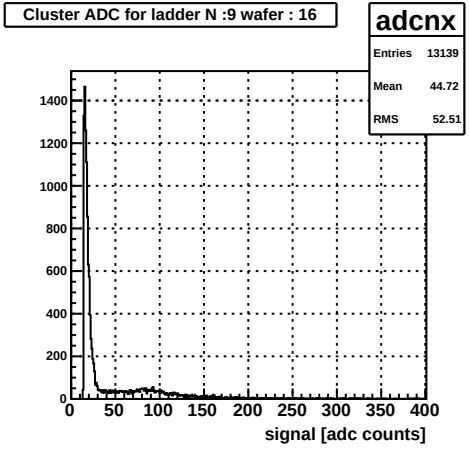

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 17766
Mean 70.76
RMS 61.01
signal [adc counts]

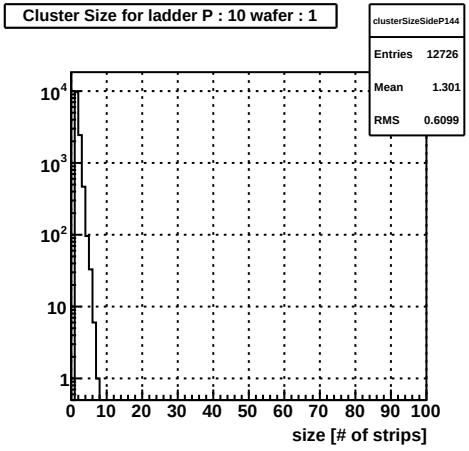

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 11505
Mean 1.369
RMS 0.6721
size [# of strips]

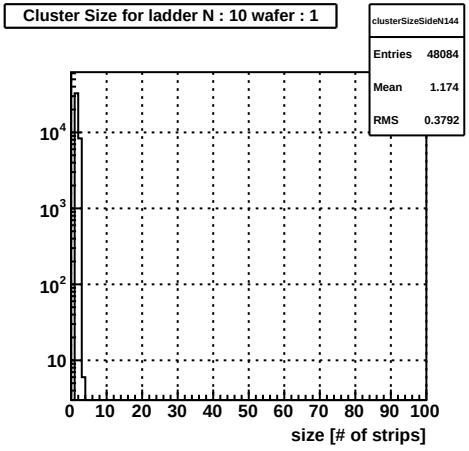

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 13139
Mean 1.308
RMS 0.6711
size [# of strips]

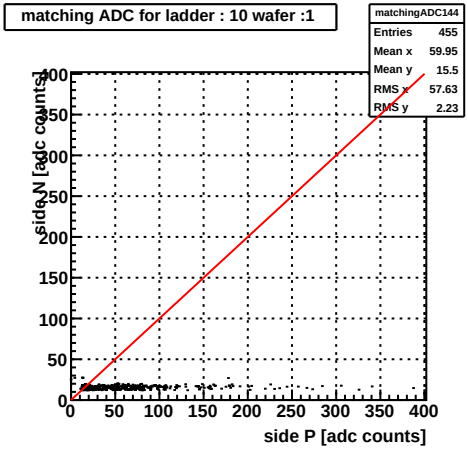

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3756
Mean x 83.11
Mean y 94.67
RMS x 56.08
RMS y 64.7
side N [adc counts]
side P [adc counts]

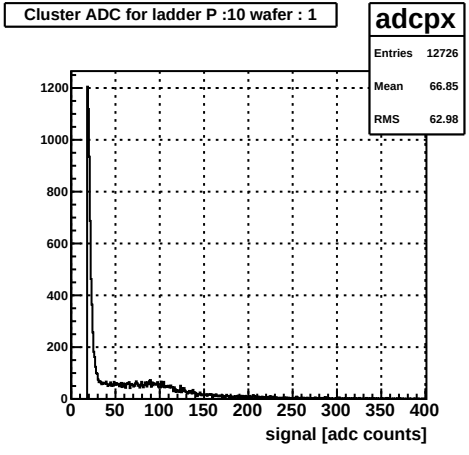

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 11505
Mean 81.8
RMS 58.6
signal [adc counts]

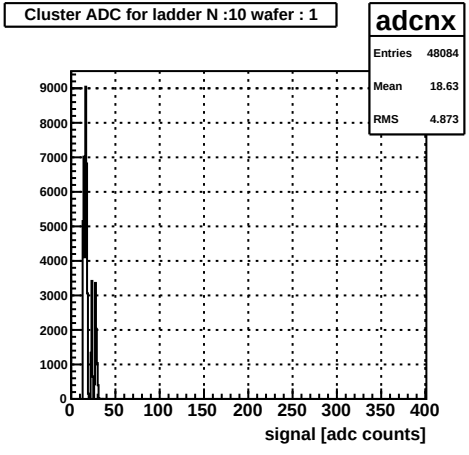

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 13139
Mean 44.72
RMS 52.51
signal [adc counts]

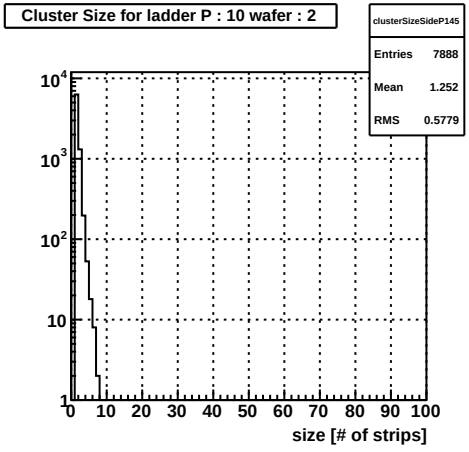

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 12726
Mean 1.301
RMS 0.6099
size [# of strips]

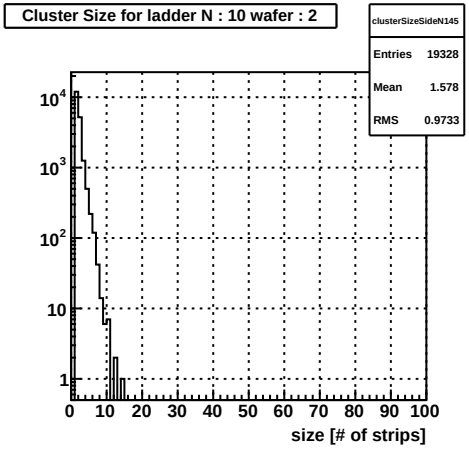

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 48084
Mean 1.174
RMS 0.3792
size [# of strips]

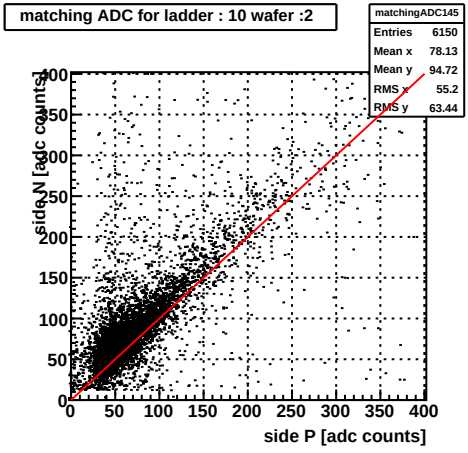

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 455
Mean x 59.95
Mean y 15.5
RMS x 57.63
RMS y 2.23
side N [adc counts]
side P [adc counts]

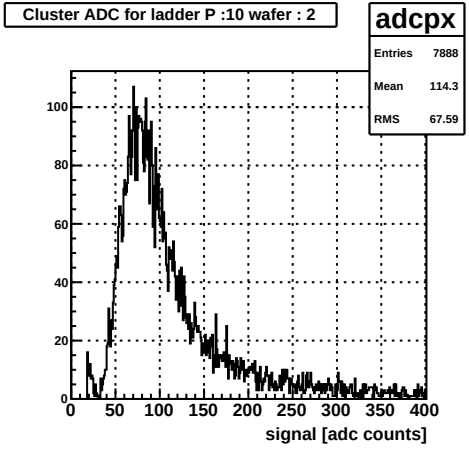

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 12726
Mean 66.85
RMS 62.98
signal [adc counts]

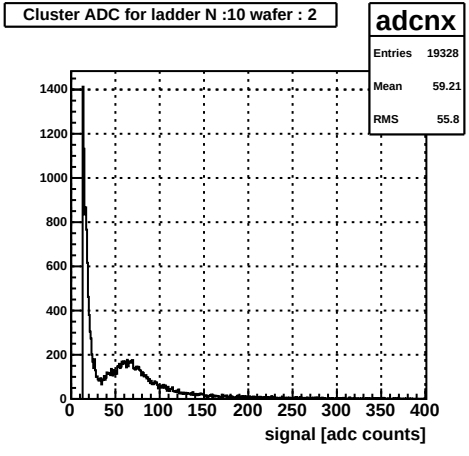

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 48084
Mean 18.63
RMS 4.873
signal [adc counts]

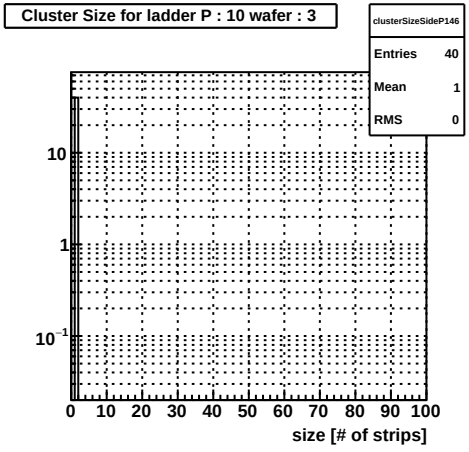

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 7888
Mean 1.252
RMS 0.5779
size [# of strips]

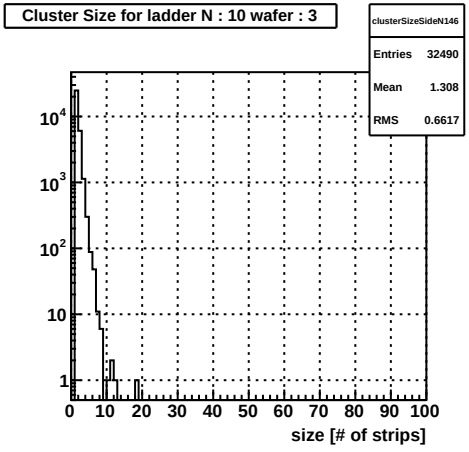

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 19328
Mean 1.578
RMS 0.9733
size [# of strips]

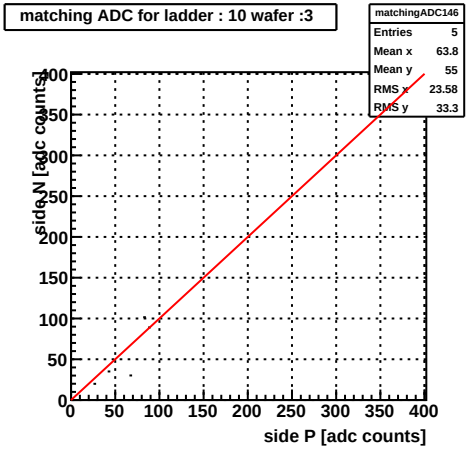

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 6150
Mean x 78.13
Mean y 94.72
RMS x 55.2
RMS y 63.44
side N [adc counts]
side P [adc counts]

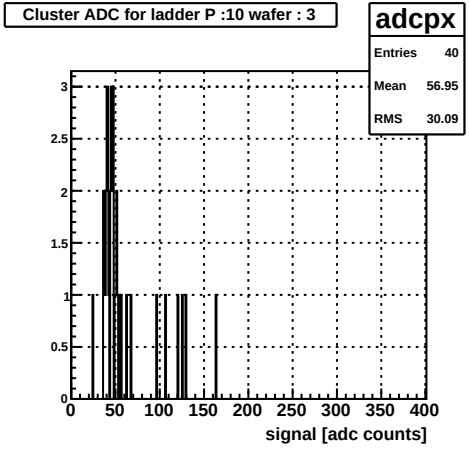

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 7888
Mean 114.3
RMS 67.59
signal [adc counts]

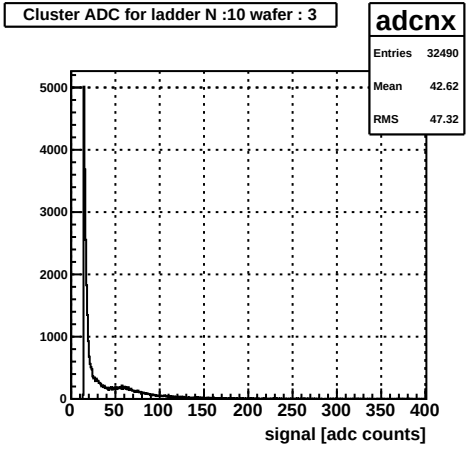

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 19328
Mean 59.21
RMS 55.8
signal [adc counts]

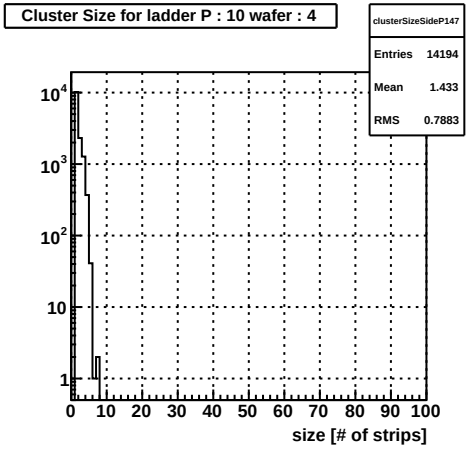

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 40
Mean 1
RMS 0
size [# of strips]

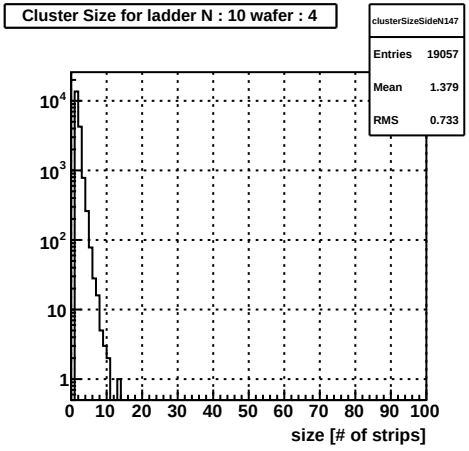

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 32490
Mean 1.308
RMS 0.6617
size [# of strips]

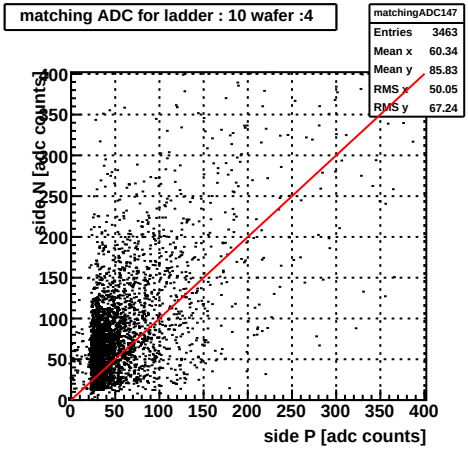

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 5
Mean x 63.8
Mean y 55
RMS x 23.58
RMS y 33.3
side N [adc counts]
side P [adc counts]

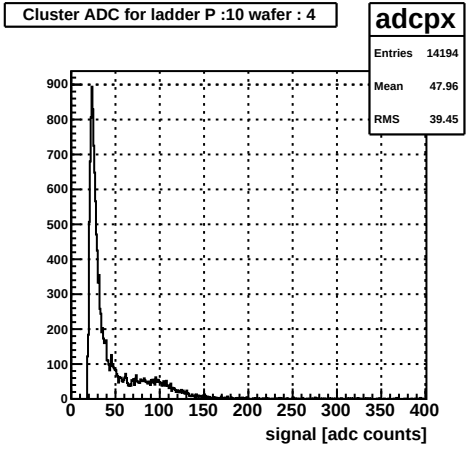

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 40
Mean 56.95
RMS 30.09
signal [adc counts]

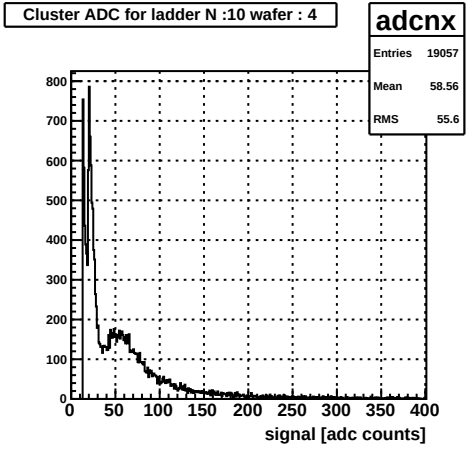

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 32490
Mean 42.62
RMS 47.32
signal [adc counts]

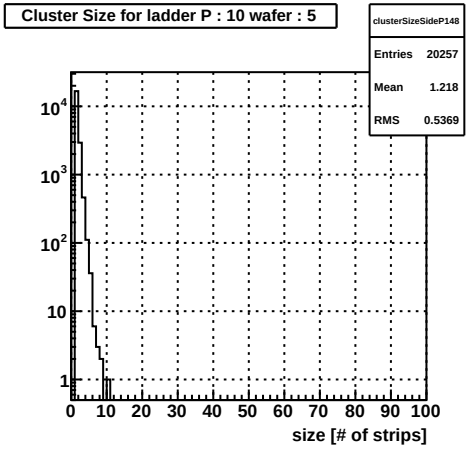

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 14194
Mean 1.433
RMS 0.7883
size [# of strips]

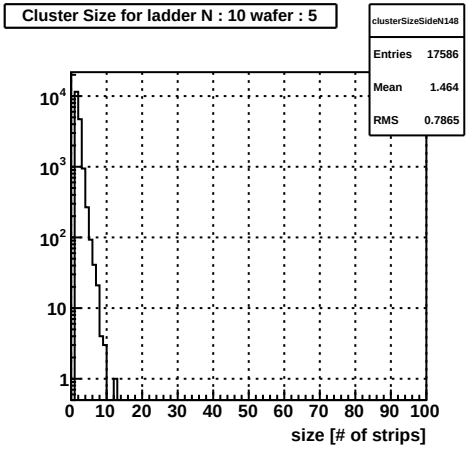

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 19057
Mean 1.379
RMS 0.733
size [# of strips]

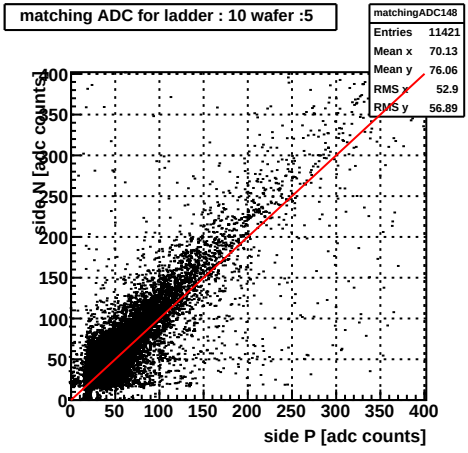

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 3463
Mean x 60.34
Mean y 85.83
RMS x 50.05
RMS y 67.24
side N [adc counts]
side P [adc counts]

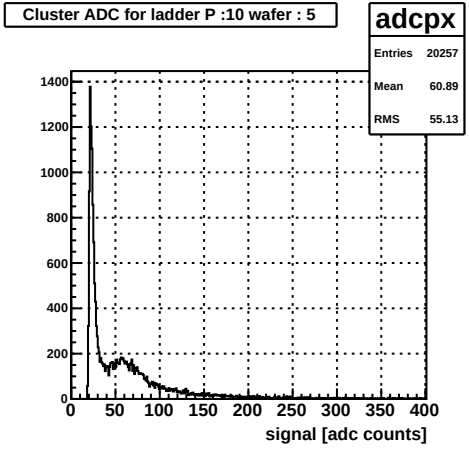

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 14194
Mean 47.96
RMS 39.45
signal [adc counts]

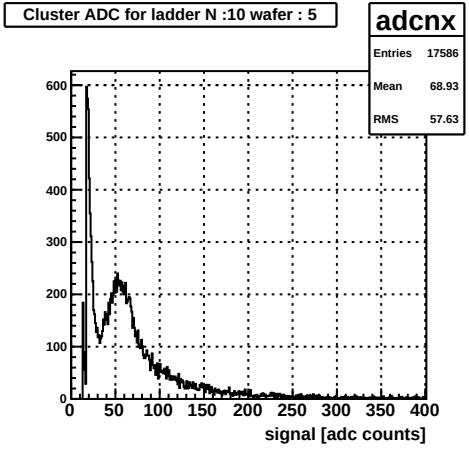

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 19057
Mean 58.56
RMS 55.6
signal [adc counts]

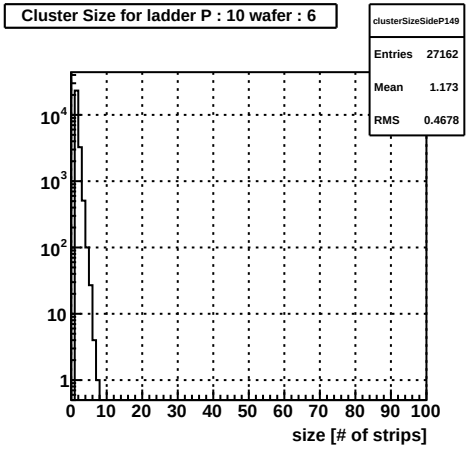

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 20257
Mean 1.218
RMS 0.5369
size [# of strips]

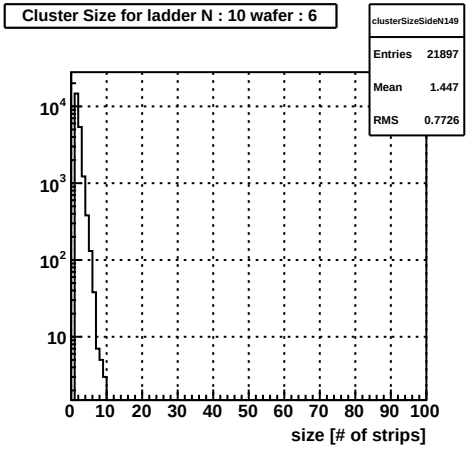

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 17586
Mean 1.464
RMS 0.7865
size [# of strips]

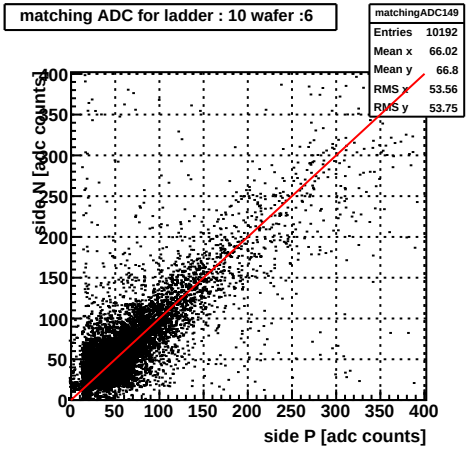

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 11421
Mean x 70.13
Mean y 76.06
RMS x 52.9
RMS y 56.89
side N [adc counts]
side P [adc counts]

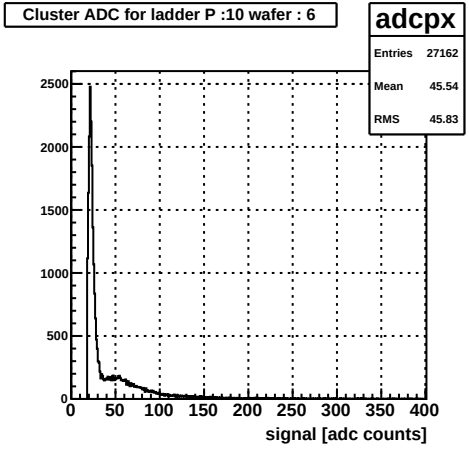

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 20257
Mean 60.89
RMS 55.13
signal [adc counts]

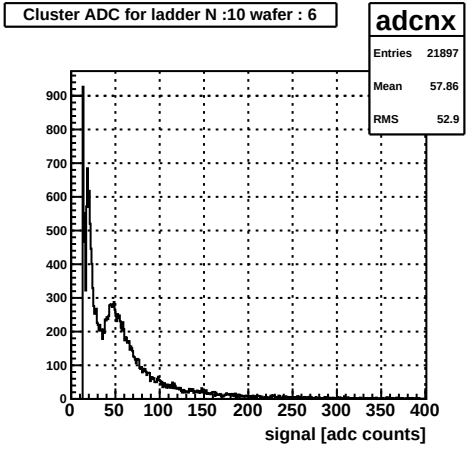

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 17586
Mean 68.93
RMS 57.63
signal [adc counts]

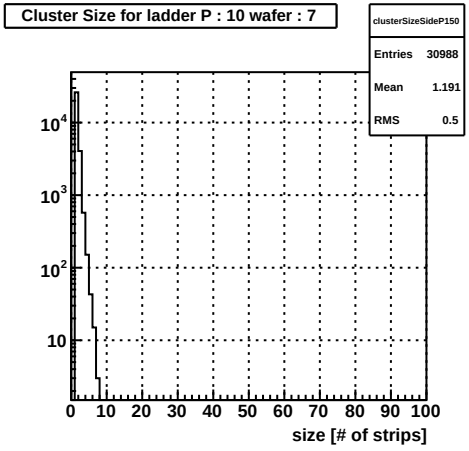

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 27162
Mean 1.173
RMS 0.4678
size [# of strips]

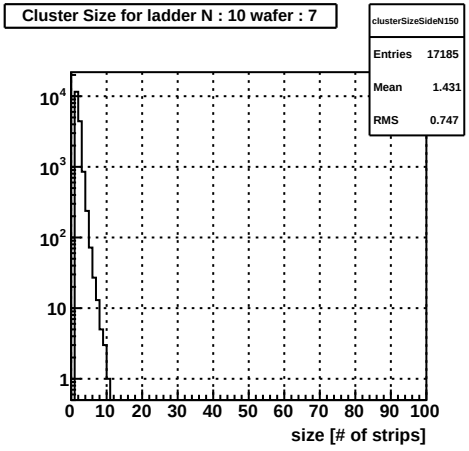

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 21897
Mean 1.447
RMS 0.7726
size [# of strips]

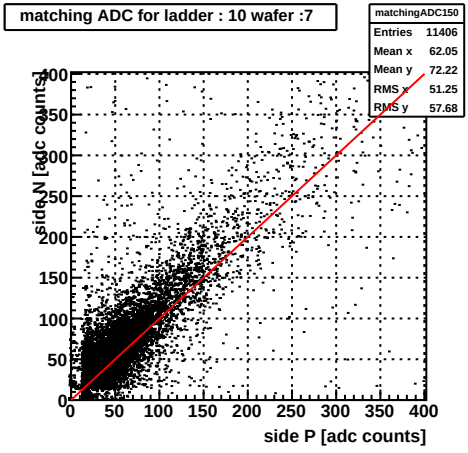

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 10192
Mean x 66.02
Mean y 66.8
RMS x 53.56
RMS y 53.75
side N [adc counts]
side P [adc counts]

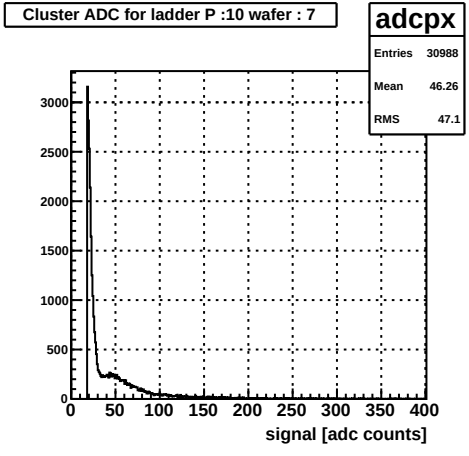

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 27162
Mean 45.54
RMS 45.83
signal [adc counts]

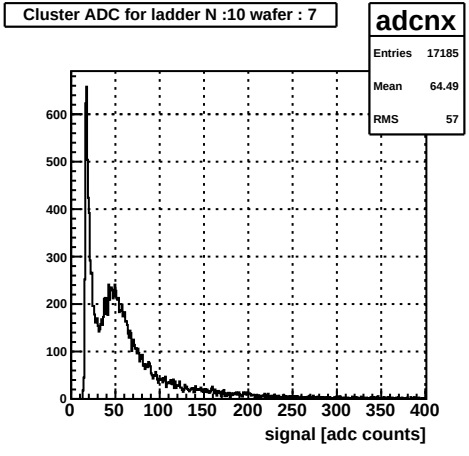

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 21897
Mean 57.86
RMS 52.9
signal [adc counts]

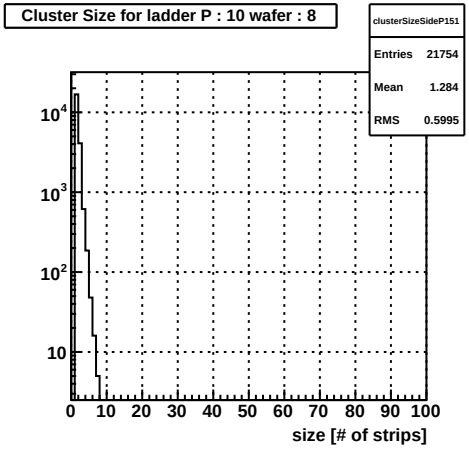

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 30988
Mean 1.191
RMS 0.5
size [# of strips]

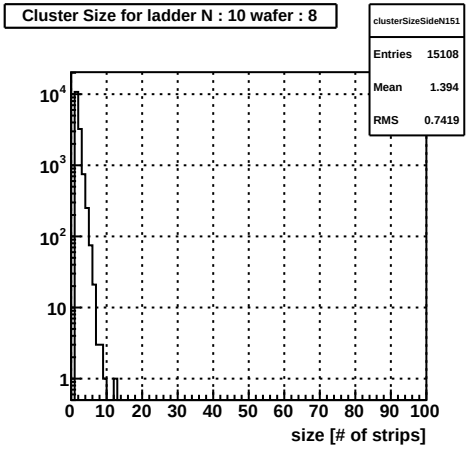

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 17185
Mean 1.431
RMS 0.747
size [# of strips]

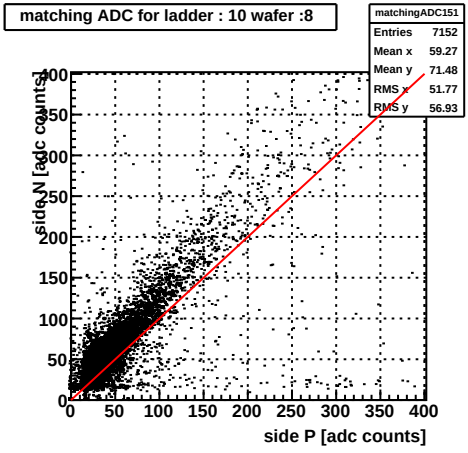

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 11406
Mean x 62.05
Mean y 72.22
RMS x 51.25
RMS y 57.68
side N [adc counts]
side P [adc counts]

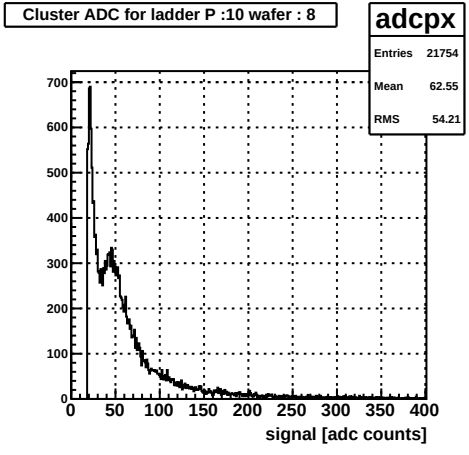

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 30988
Mean 46.26
RMS 47.1
signal [adc counts]

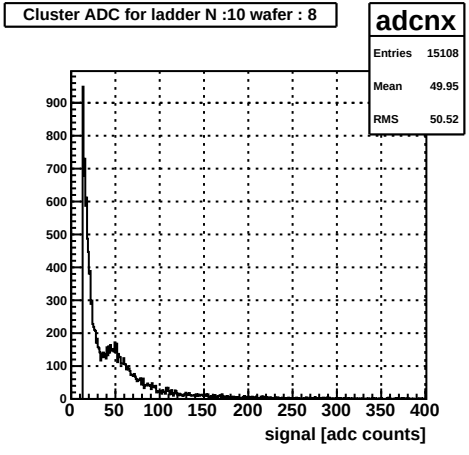

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 17185
Mean 64.49
RMS 57
signal [adc counts]

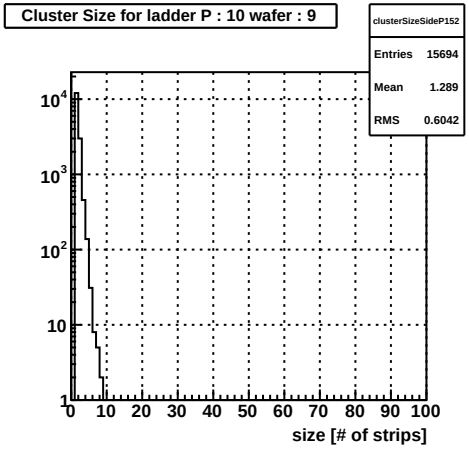

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 21754
Mean 1.284
RMS 0.5995
size [# of strips]

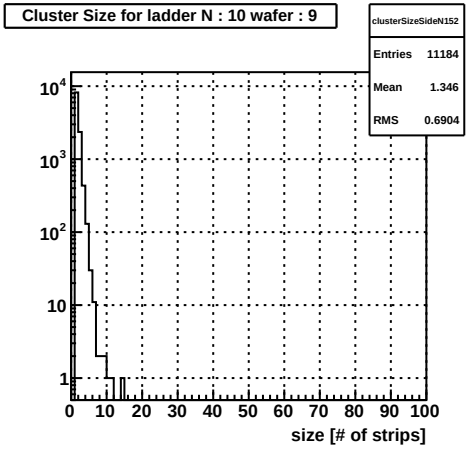

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 15108
Mean 1.394
RMS 0.7419
size [# of strips]

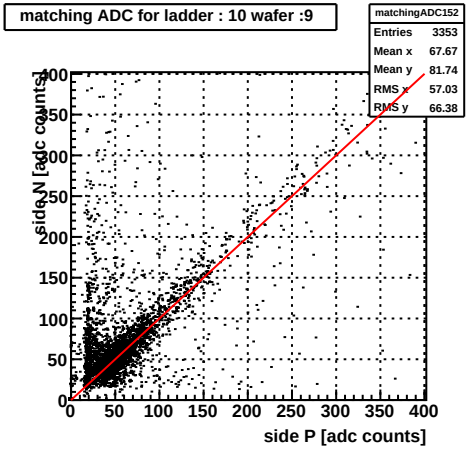

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 7152
Mean x 59.27
Mean y 71.48
RMS x 51.77
RMS y 56.93
side N [adc counts]
side P [adc counts]

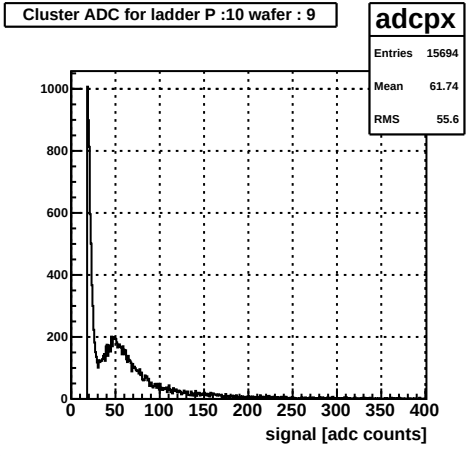

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 21754
Mean 62.55
RMS 54.21
signal [adc counts]

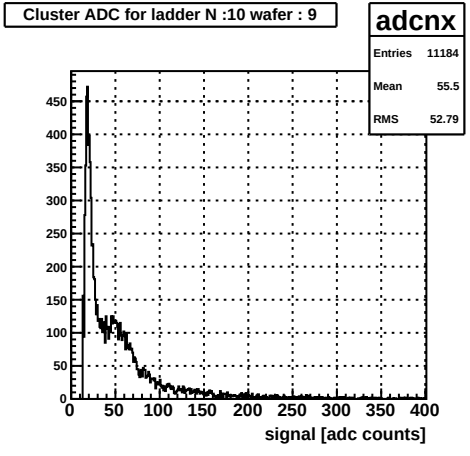

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 15108
Mean 49.95
RMS 50.52
signal [adc counts]

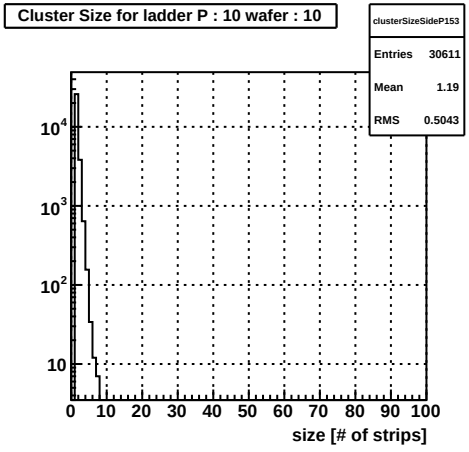

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 15694
Mean 1.289
RMS 0.6042
size [# of strips]

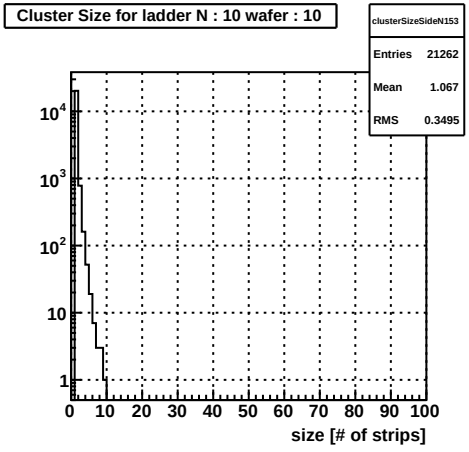

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 11184
Mean 1.346
RMS 0.6904
size [# of strips]

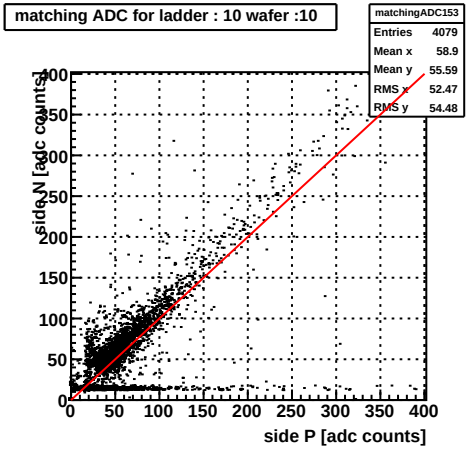

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3353
Mean x 67.67
Mean y 81.74
RMS x 57.03
RMS y 66.38
side N [adc counts]
side P [adc counts]

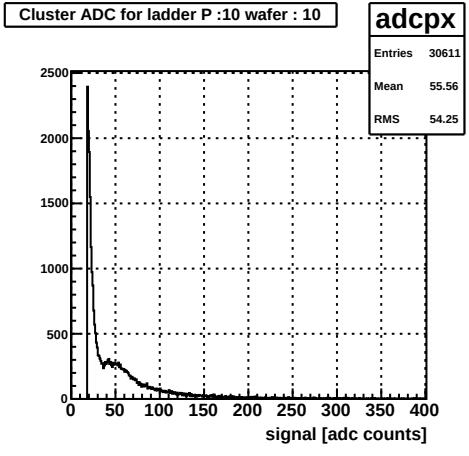

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 15694
Mean 61.74
RMS 55.6
signal [adc counts]

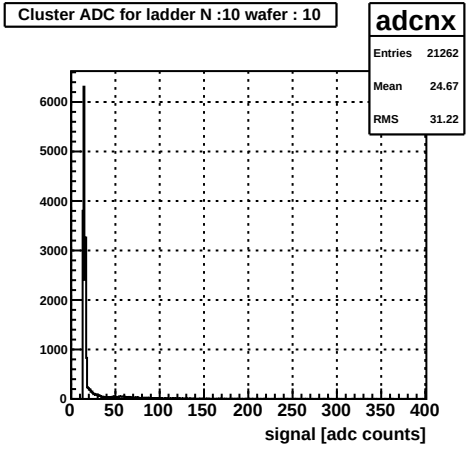

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 11184
Mean 55.5
RMS 52.79
signal [adc counts]

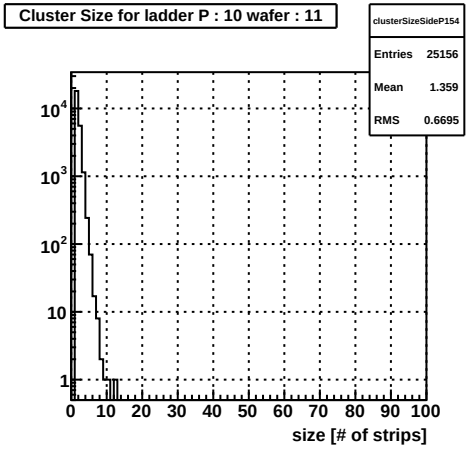

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 30611
Mean 1.19
RMS 0.5043
size [# of strips]

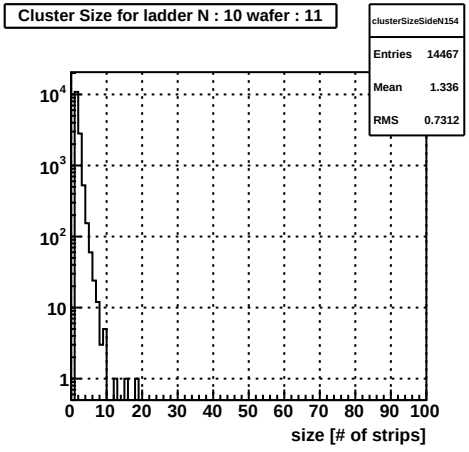

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 21262
Mean 1.067
RMS 0.3495
size [# of strips]

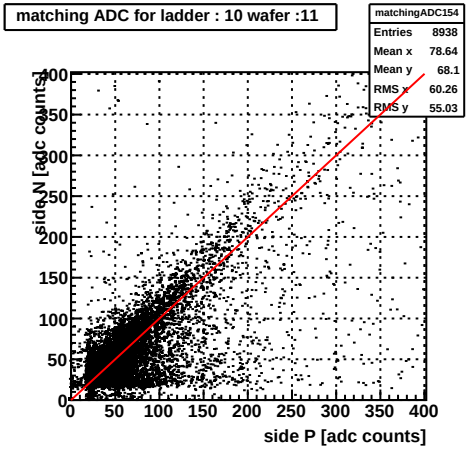

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 4079
Mean x 58.9
Mean y 55.59
RMS x 52.47
RMS y 54.48
side N [adc counts]
side P [adc counts]

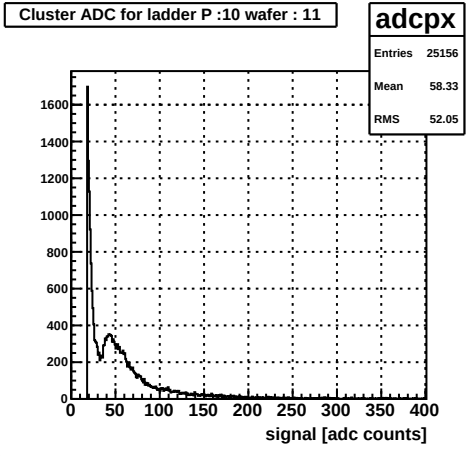

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 30611
Mean 55.56
RMS 54.25
signal [adc counts]

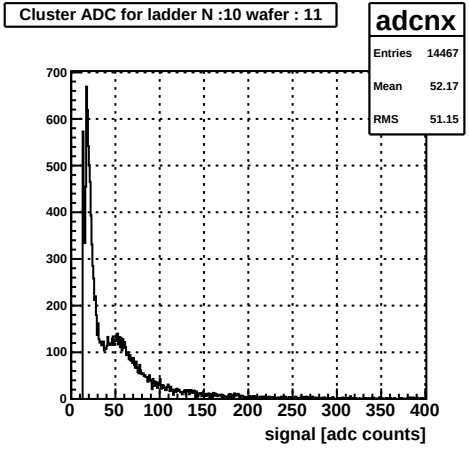

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 21262
Mean 24.67
RMS 31.22
signal [adc counts]

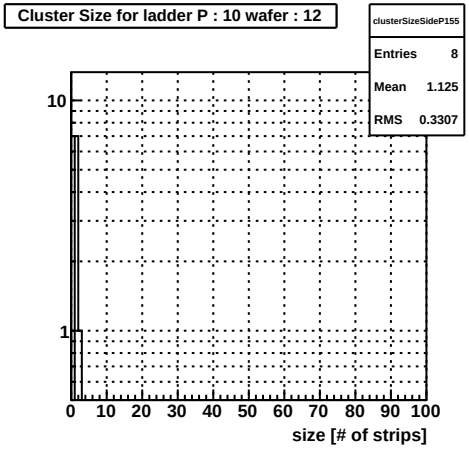

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 25156
Mean 1.359
RMS 0.6695
size [# of strips]

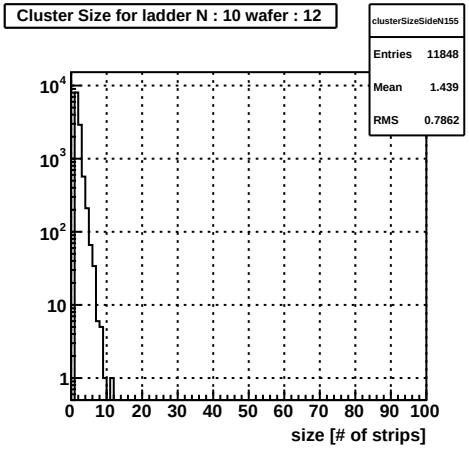

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 14467
Mean 1.336
RMS 0.7312
size [# of strips]

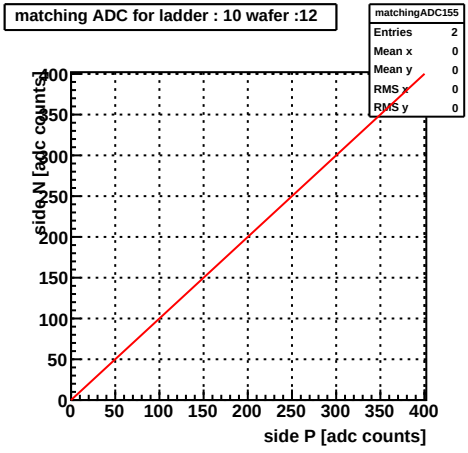

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 8938
Mean x 78.64
Mean y 68.1
RMS x 60.26
RMS y 55.03
side N [adc counts]
side P [adc counts]

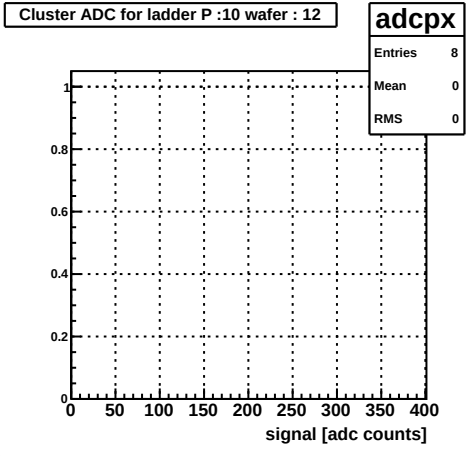

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 25156
Mean 58.33
RMS 52.05
signal [adc counts]

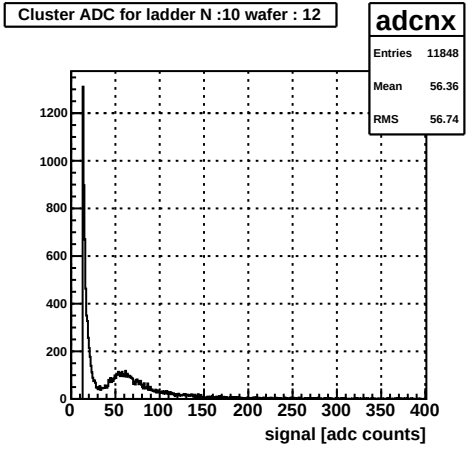

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 14467
Mean 52.17
RMS 51.15
signal [adc counts]

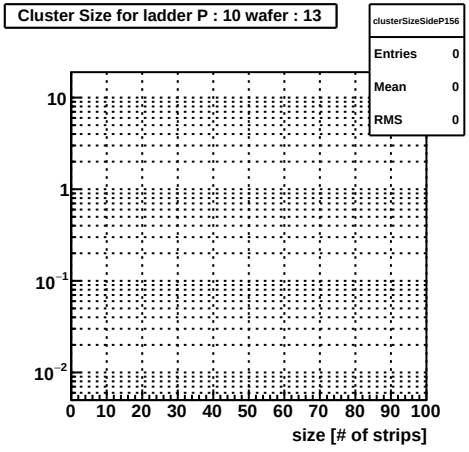

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

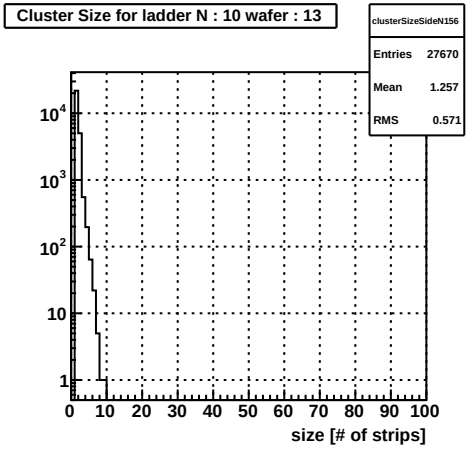

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 11848
Mean 1.439
RMS 0.7862
size [# of strips]

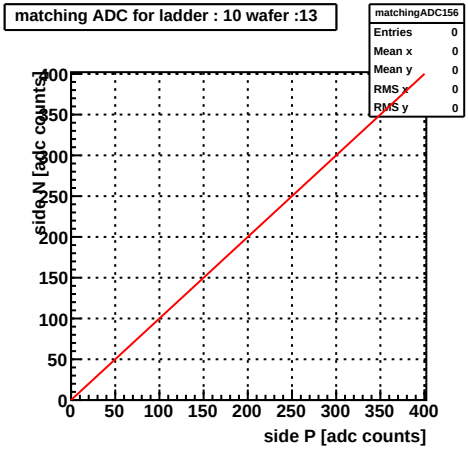

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

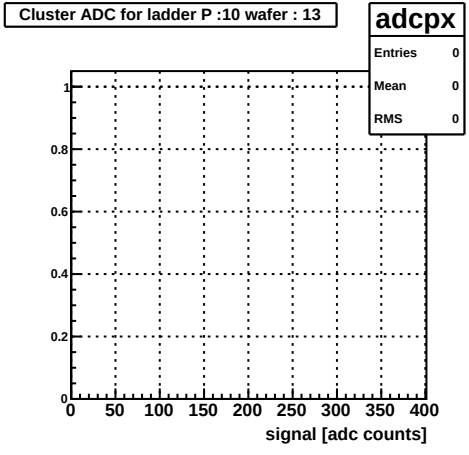

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

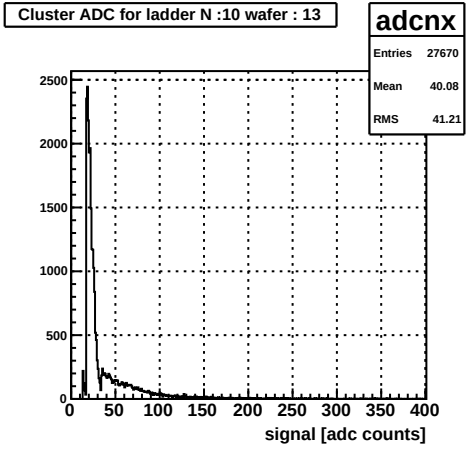

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 11848
Mean 56.36
RMS 56.74
signal [adc counts]

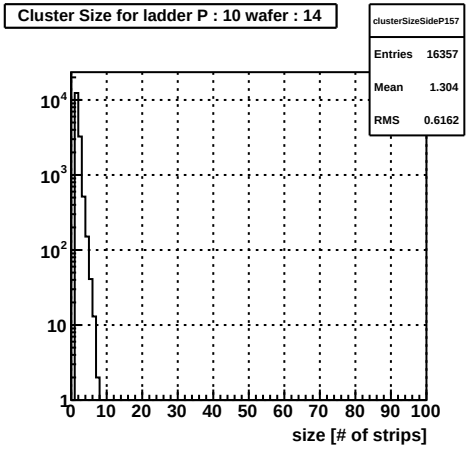

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

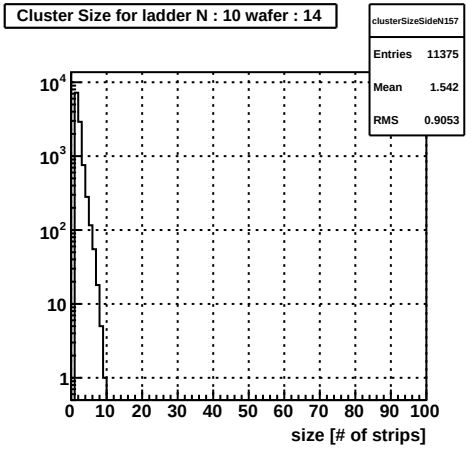

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 27670
Mean 1.257
RMS 0.571
size [# of strips]

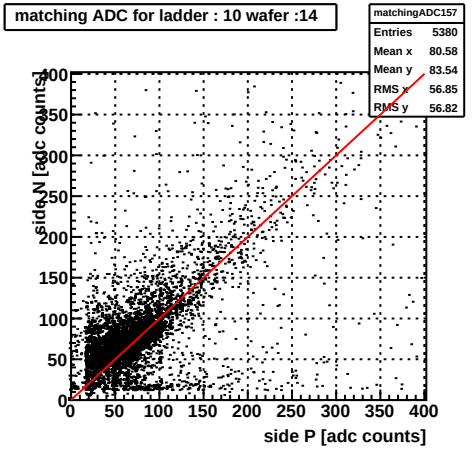

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

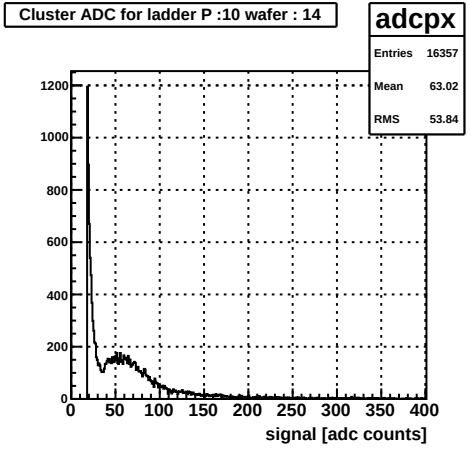

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

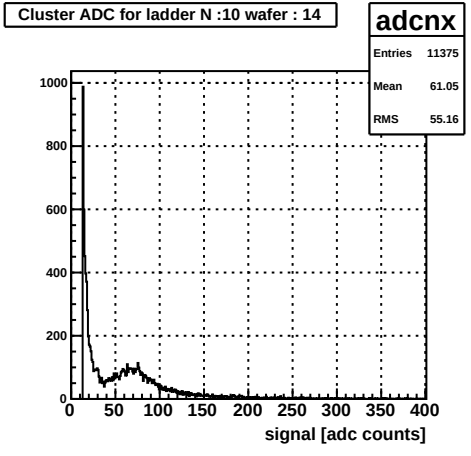

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 27670
Mean 40.08
RMS 41.21
signal [adc counts]

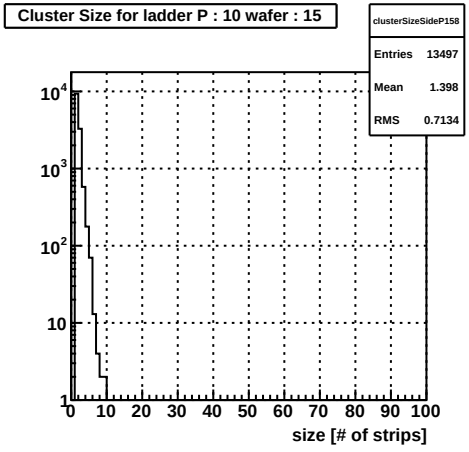

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 16357
Mean 1.304
RMS 0.6162
size [# of strips]

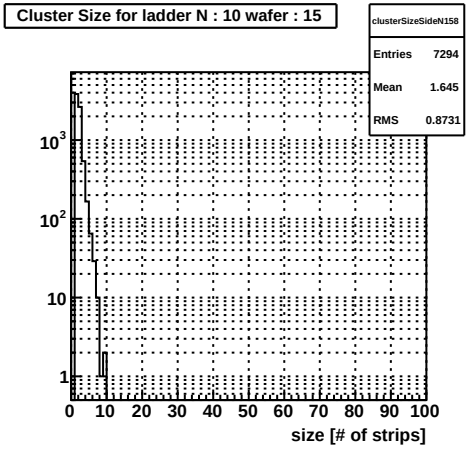

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 11375
Mean 1.542
RMS 0.9053
size [# of strips]

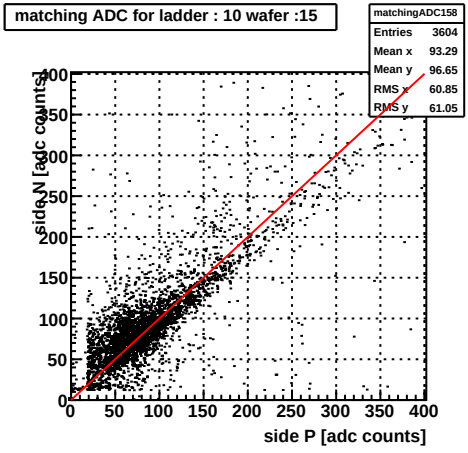

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 5380
Mean x 80.58
Mean y 83.54
RMS x 56.85
RMS y 56.82
side N [adc counts]
side P [adc counts]

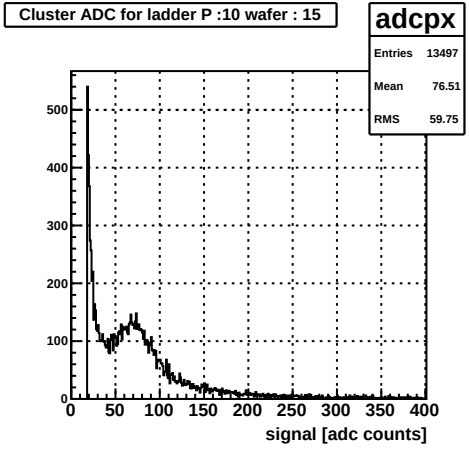

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 16357
Mean 63.02
RMS 53.84
signal [adc counts]

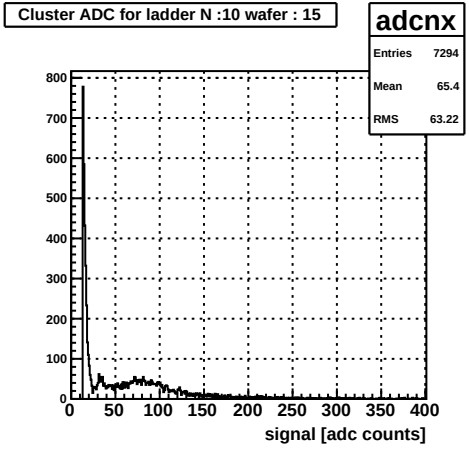

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 11375
Mean 61.05
RMS 55.16
signal [adc counts]

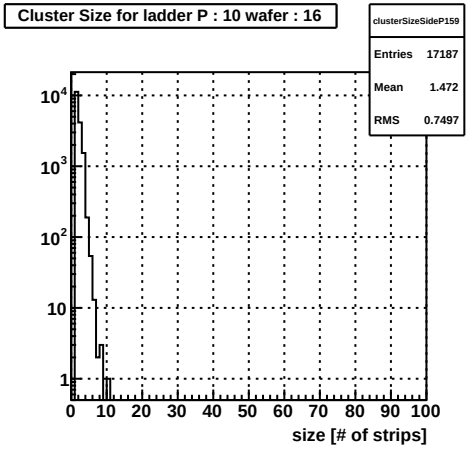

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 13497
Mean 1.398
RMS 0.7134
size [# of strips]

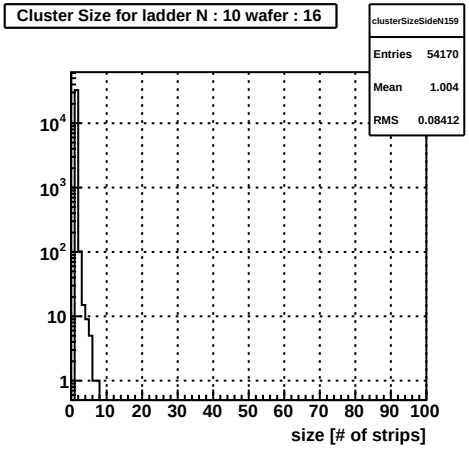

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 7294
Mean 1.645
RMS 0.8731
size [# of strips]

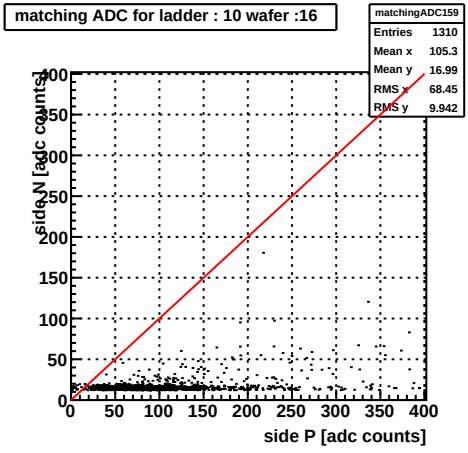

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 3604
Mean x 93.29
Mean y 96.65
RMS x 60.85
RMS y 61.05
side N [adc counts]
side P [adc counts]

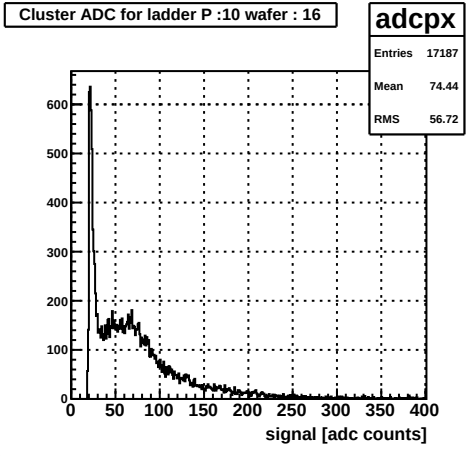

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 13497
Mean 76.51
RMS 59.75
signal [adc counts]

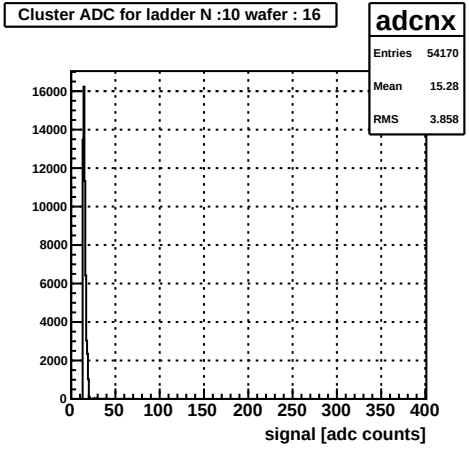

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 7294
Mean 65.4
RMS 63.22
signal [adc counts]

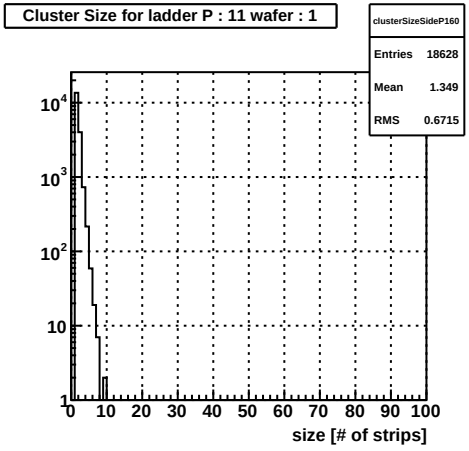

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 17187
Mean 1.472
RMS 0.7497
size [# of strips]

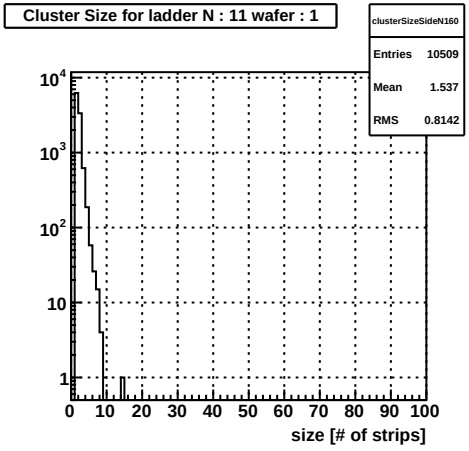

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 54170
Mean 1.004
RMS 0.08412
size [# of strips]

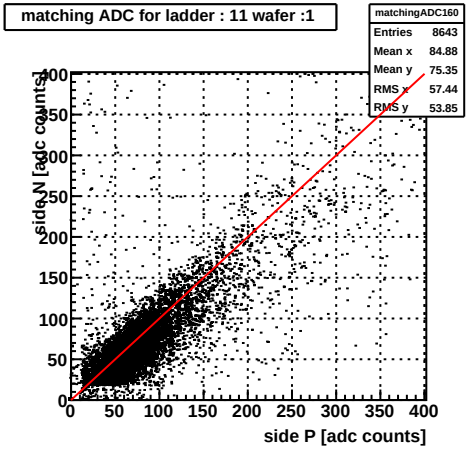

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1310
Mean x 105.3
Mean y 16.99
RMS x 68.45
RMS y 9.942
side N [adc counts]
side P [adc counts]

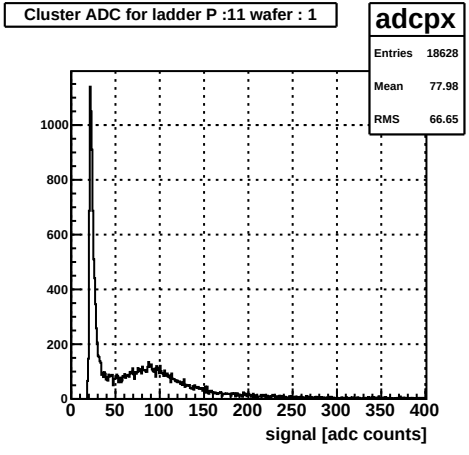

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 17187
Mean 74.44
RMS 56.72
signal [adc counts]

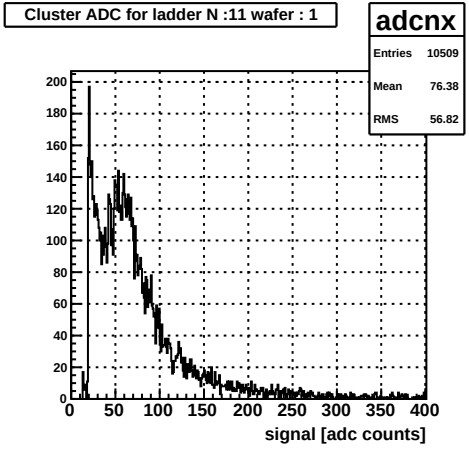

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 54170
Mean 15.28
RMS 3.858
signal [adc counts]

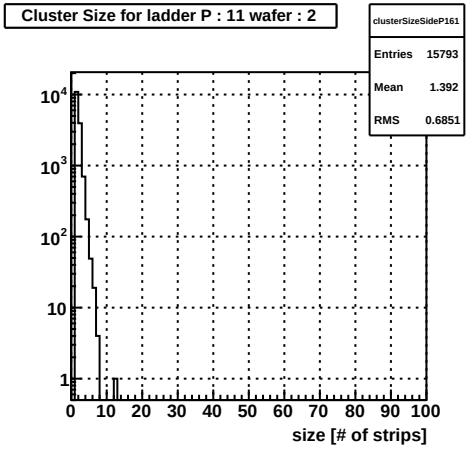

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 18628
Mean 1.349
RMS 0.6715
size [# of strips]

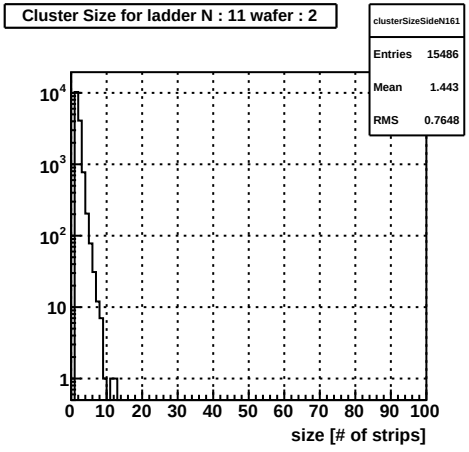

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 10509
Mean 1.537
RMS 0.8142
size [# of strips]

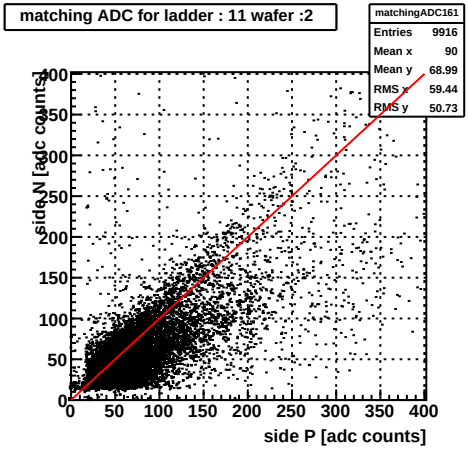

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8643
Mean x 84.88
Mean y 75.35
RMS x 57.44
RMS y 53.85
side N [adc counts]
side P [adc counts]

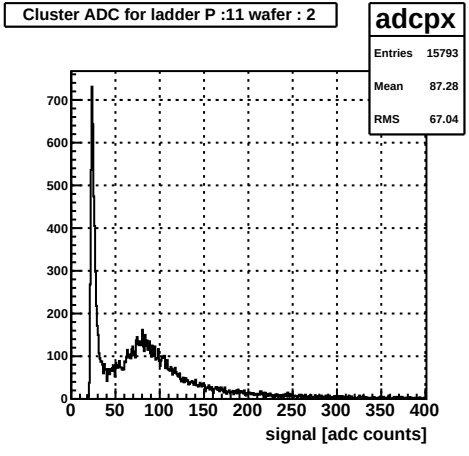

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 18628
Mean 77.98
RMS 66.65
signal [adc counts]

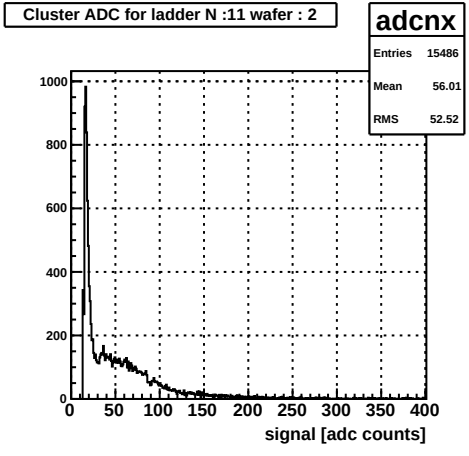

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 10509
Mean 76.38
RMS 56.82
signal [adc counts]

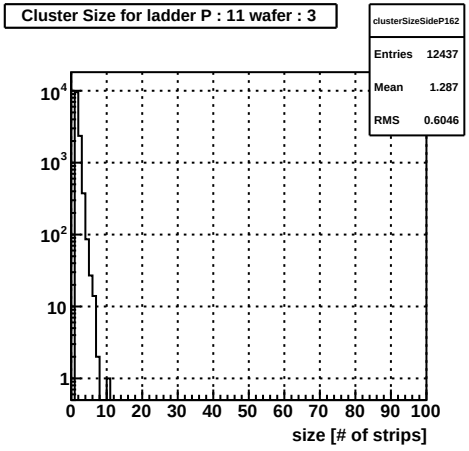

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 15793
Mean 1.392
RMS 0.6851
size [# of strips]

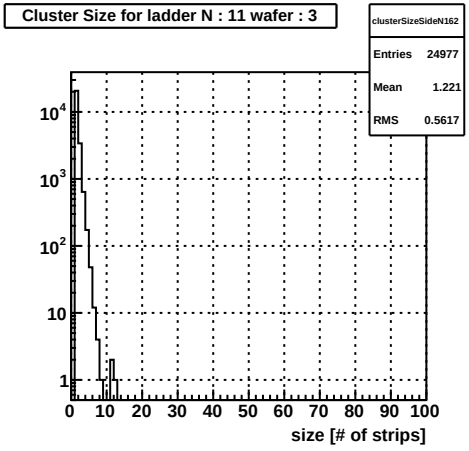

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 15486
Mean 1.443
RMS 0.7648
size [# of strips]

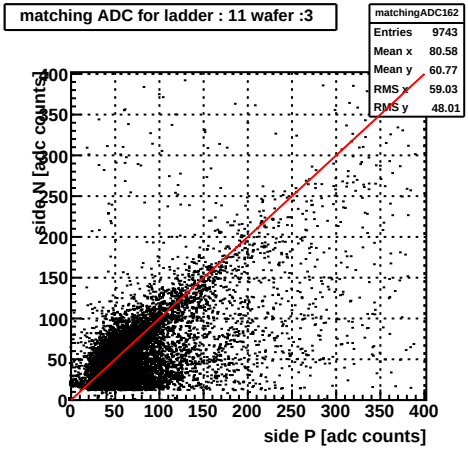

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 9916
Mean x 90
Mean y 68.99
RMS x 59.44
RMS y 50.73
side N [adc counts]
side P [adc counts]

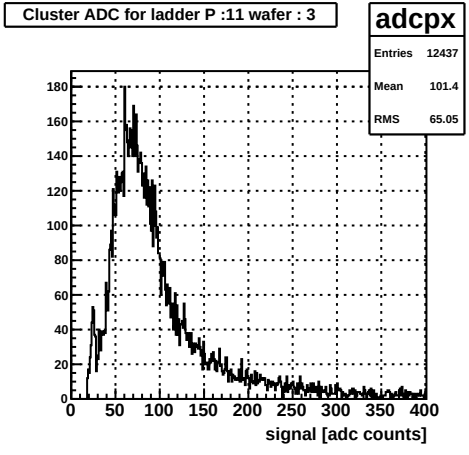

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 15793
Mean 87.28
RMS 67.04
signal [adc counts]

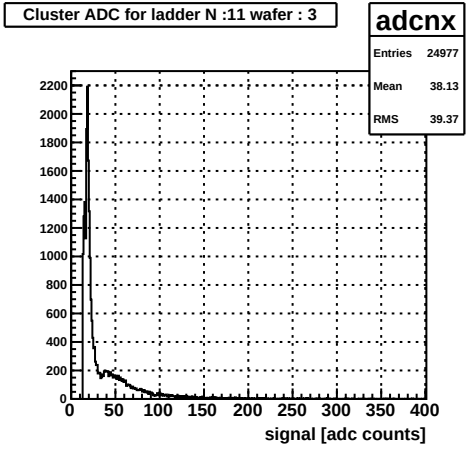

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 15486
Mean 56.01
RMS 52.52
signal [adc counts]

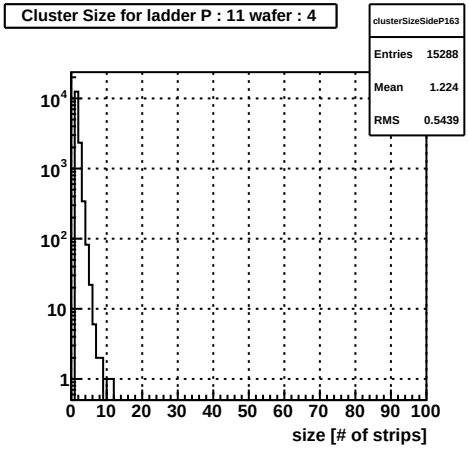

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 12437
Mean 1.287
RMS 0.6046
size [# of strips]

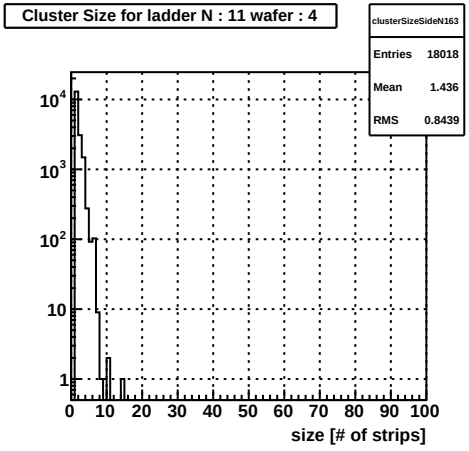

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 24977
Mean 1.221
RMS 0.5617
size [# of strips]

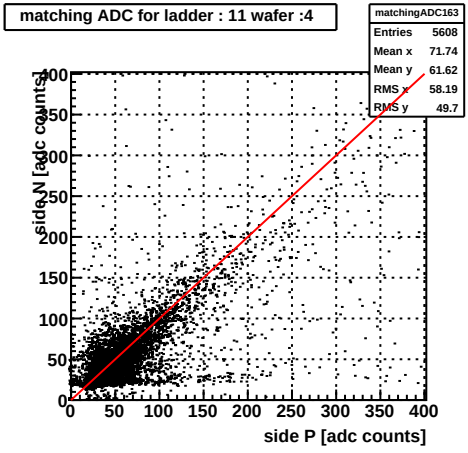

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 9743
Mean x 80.58
Mean y 60.77
RMS x 59.03
RMS y 48.01
side N [adc counts]
side P [adc counts]

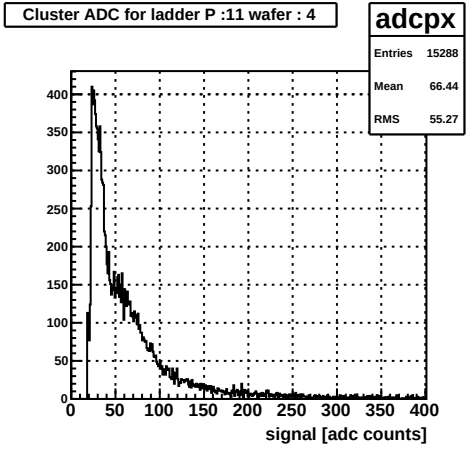

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 12437
Mean 101.4
RMS 65.05
signal [adc counts]

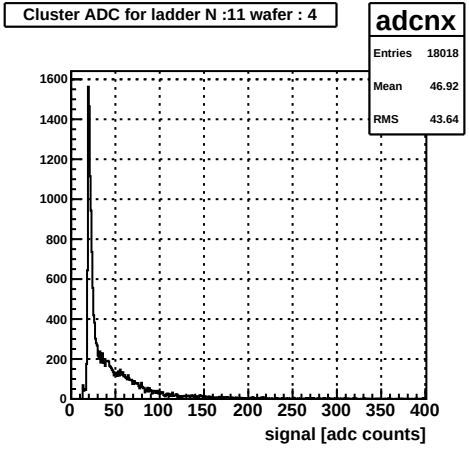

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 24977
Mean 38.13
RMS 39.37
signal [adc counts]

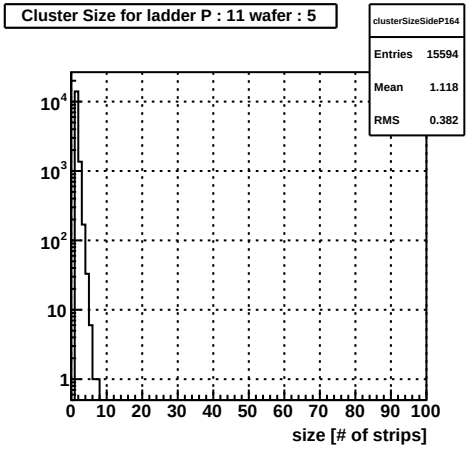

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 15288
Mean 1.224
RMS 0.5439
size [# of strips]

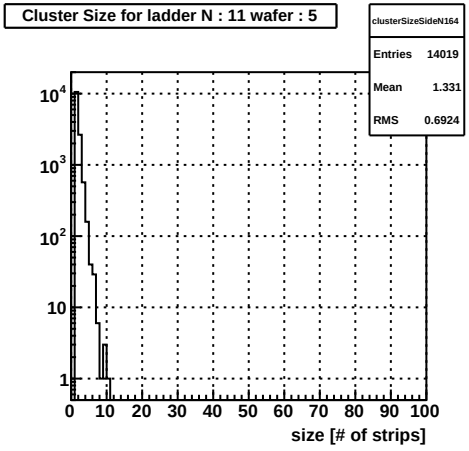

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 18018
Mean 1.436
RMS 0.8439
size [# of strips]

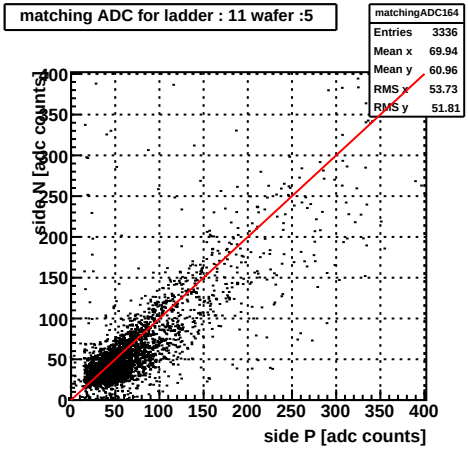

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 5608
Mean x 71.74
Mean y 61.62
RMS x 58.19
RMS y 49.7
side N [adc counts]
side P [adc counts]

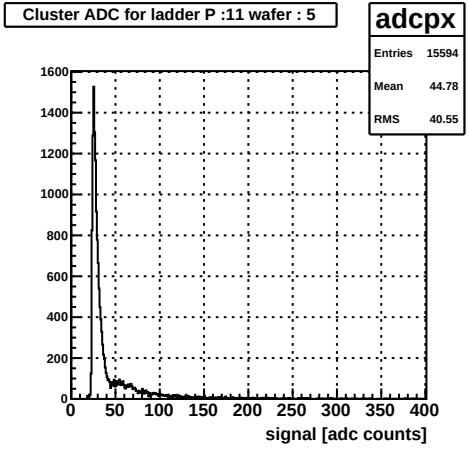

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 15288
Mean 66.44
RMS 55.27
signal [adc counts]

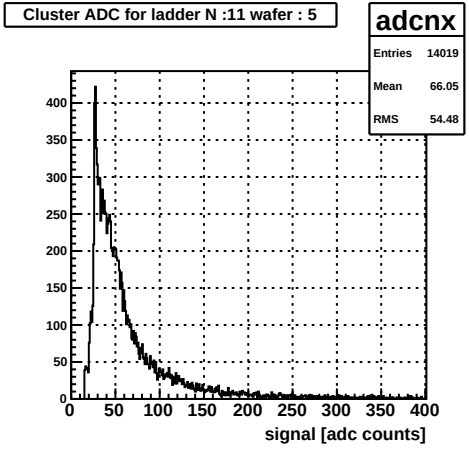

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 18018
Mean 46.92
RMS 43.64
signal [adc counts]

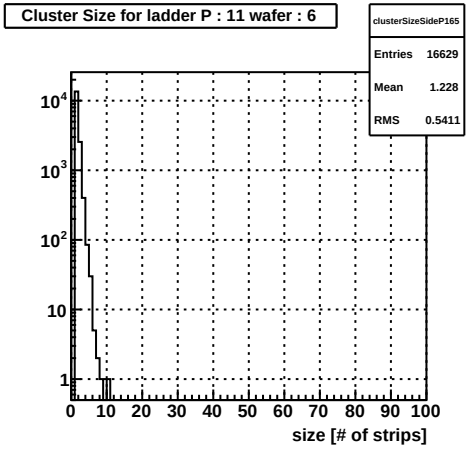

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 15594
Mean 1.118
RMS 0.382
size [# of strips]

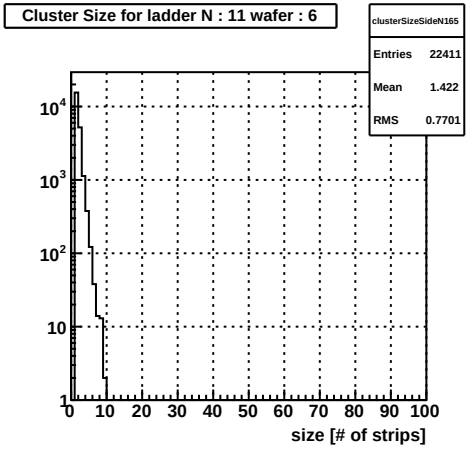

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 14019
Mean 1.331
RMS 0.6924
size [# of strips]

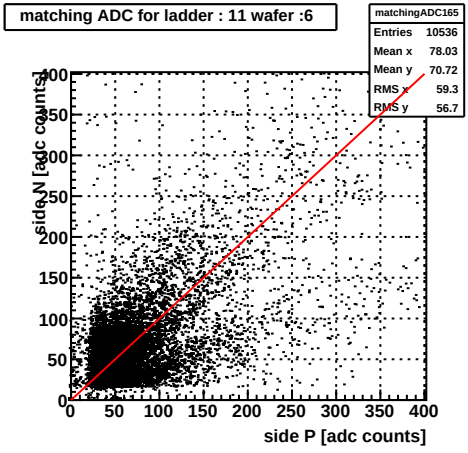

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 3336
Mean x 69.94
Mean y 60.96
RMS x 53.73
RMS y 51.81
side N [adc counts]
side P [adc counts]

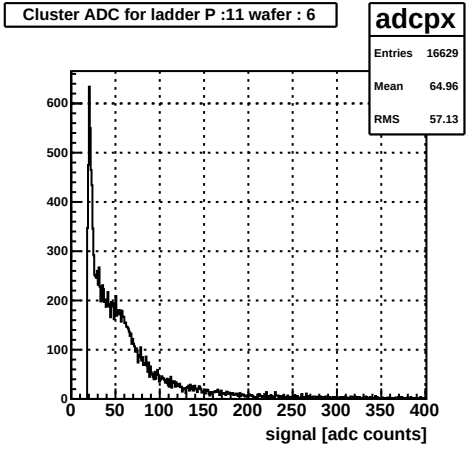

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 15594
Mean 44.78
RMS 40.55
signal [adc counts]

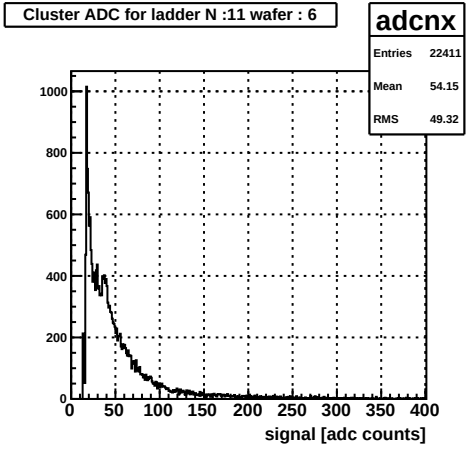

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 14019
Mean 66.05
RMS 54.48
signal [adc counts]

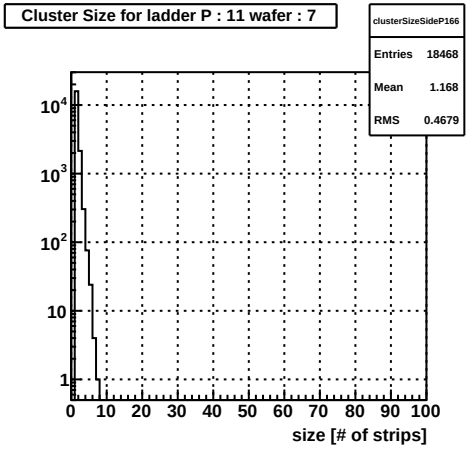

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 16629
Mean 1.228
RMS 0.5411
size [# of strips]

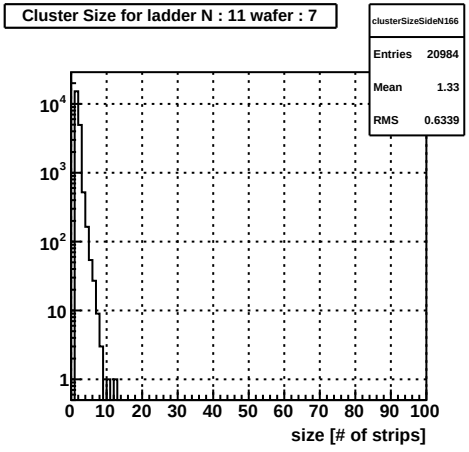

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 22411
Mean 1.422
RMS 0.7701
size [# of strips]

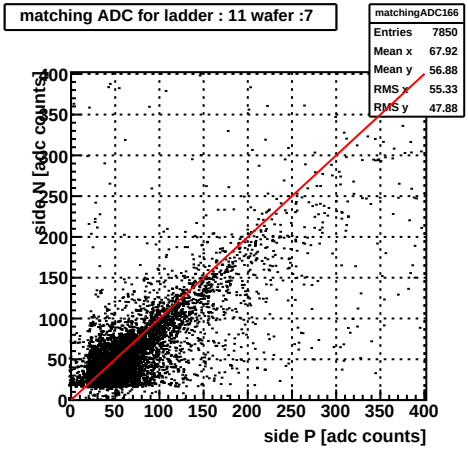

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 10536
Mean x 78.03
Mean y 70.72
RMS x 59.3
RMS y 56.7
side N [adc counts]
side P [adc counts]

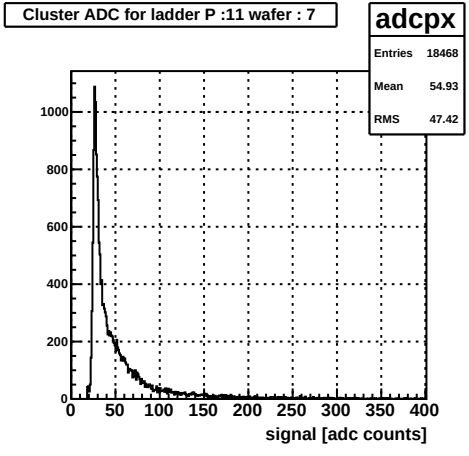

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 16629
Mean 64.96
RMS 57.13
signal [adc counts]

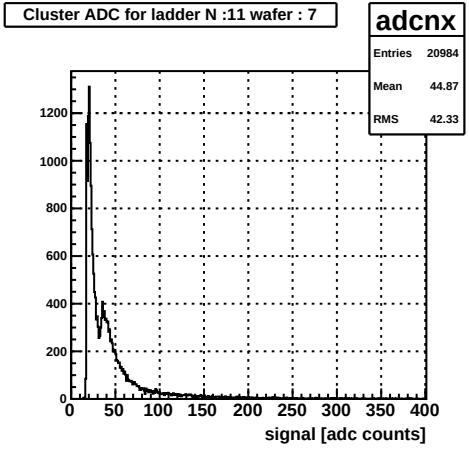

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 22411
Mean 54.15
RMS 49.32
signal [adc counts]

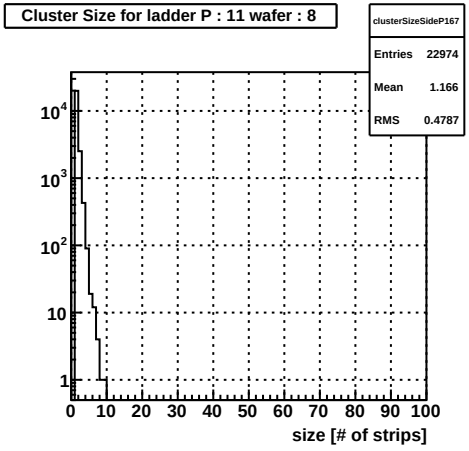

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 18468
Mean 1.168
RMS 0.4679
size [# of strips]

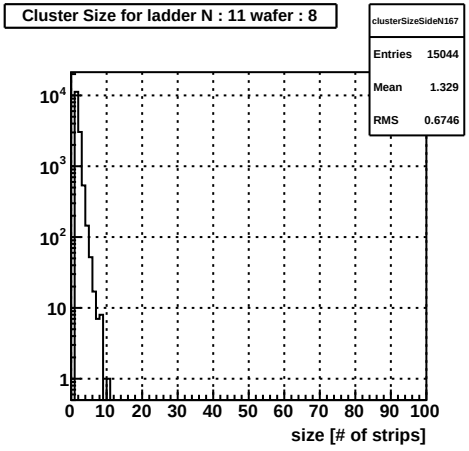

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 20984
Mean 1.33
RMS 0.6339
size [# of strips]

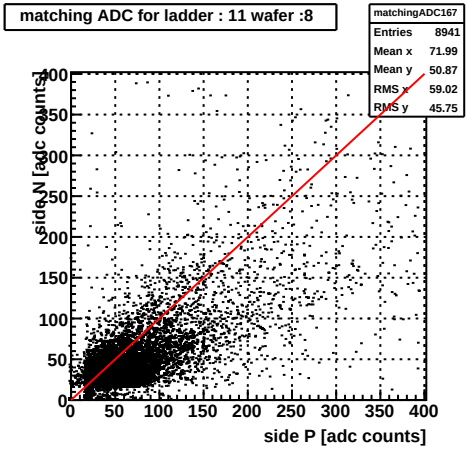

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 7850
Mean x 67.92
Mean y 56.88
RMS x 55.33
RMS y 47.88
side N [adc counts]
side P [adc counts]

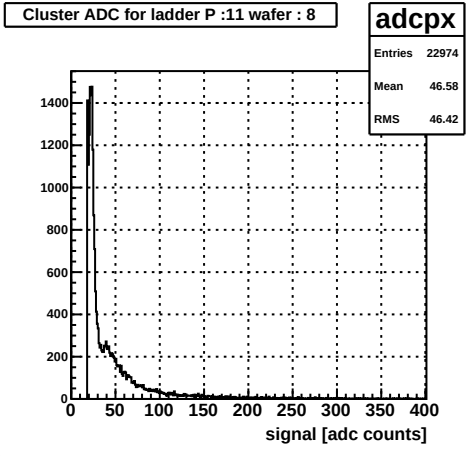

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 18468
Mean 54.93
RMS 47.42
signal [adc counts]

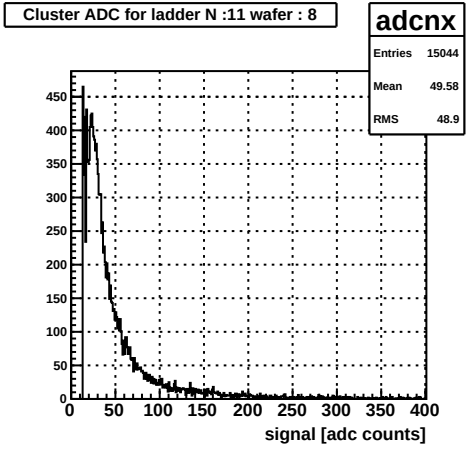

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 20984
Mean 44.87
RMS 42.33
signal [adc counts]

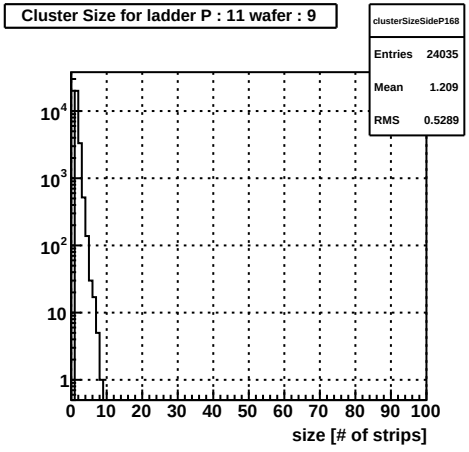

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 22974
Mean 1.166
RMS 0.4787
size [# of strips]

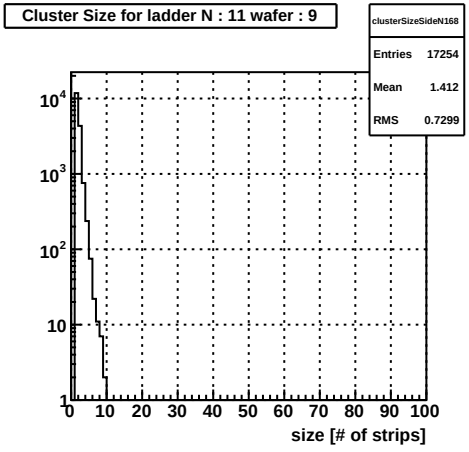

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 15044
Mean 1.329
RMS 0.6746
size [# of strips]

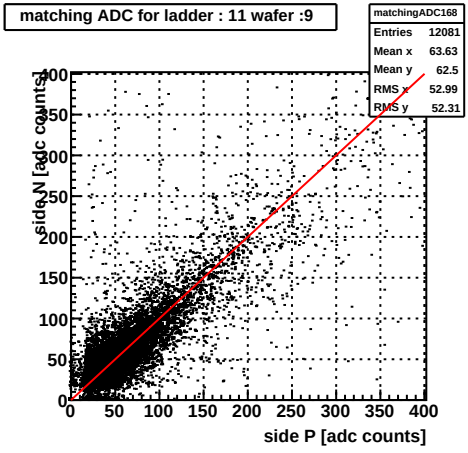

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 8941
Mean x 71.99
Mean y 50.87
RMS x 59.02
RMS y 45.75
side N [adc counts]
side P [adc counts]

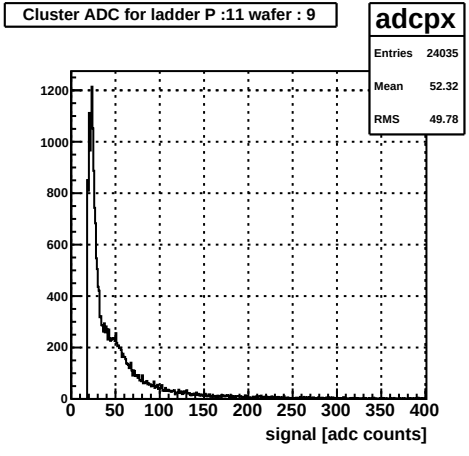

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 22974
Mean 46.58
RMS 46.42
signal [adc counts]

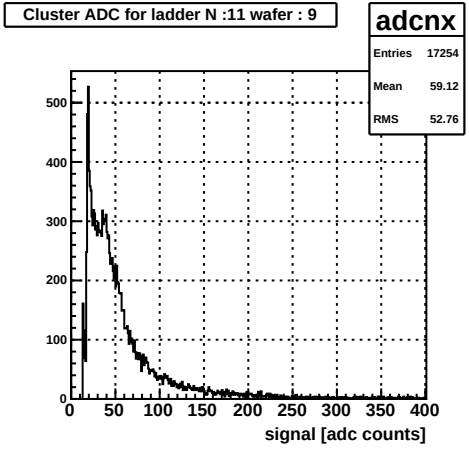

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 15044
Mean 49.58
RMS 48.9
signal [adc counts]

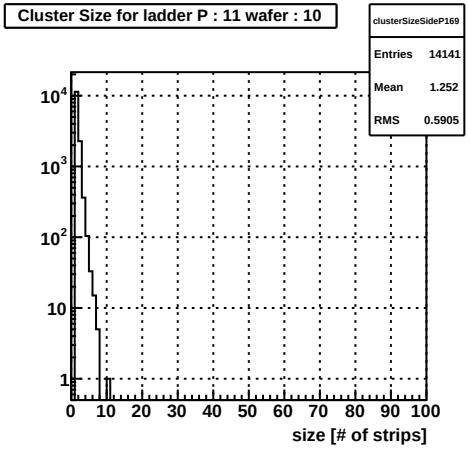

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 24035
Mean 1.209
RMS 0.5289
size [# of strips]

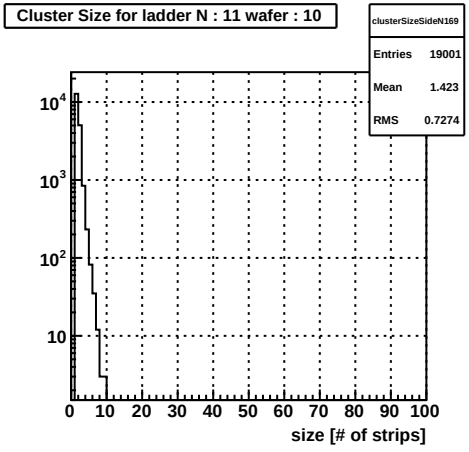

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 17254
Mean 1.412
RMS 0.7299
size [# of strips]

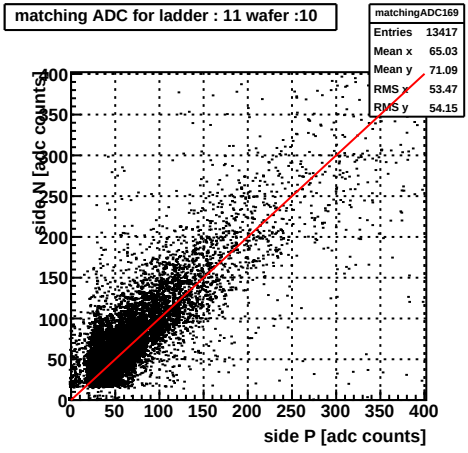

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 12081
Mean x 63.63
Mean y 62.5
RMS x 52.99
RMS y 52.31
side N [adc counts]
side P [adc counts]

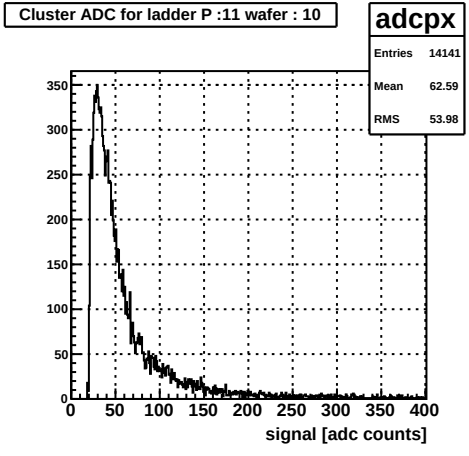

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 24035
Mean 52.32
RMS 49.78
signal [adc counts]

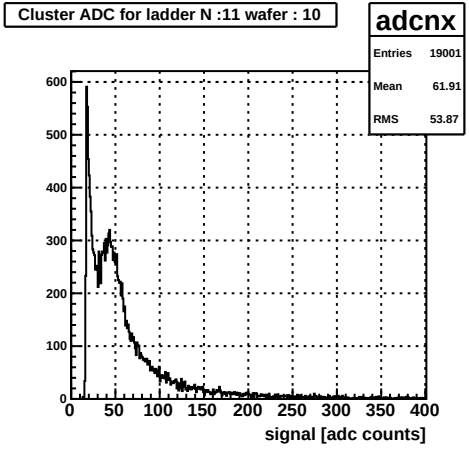

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 17254
Mean 59.12
RMS 52.76
signal [adc counts]

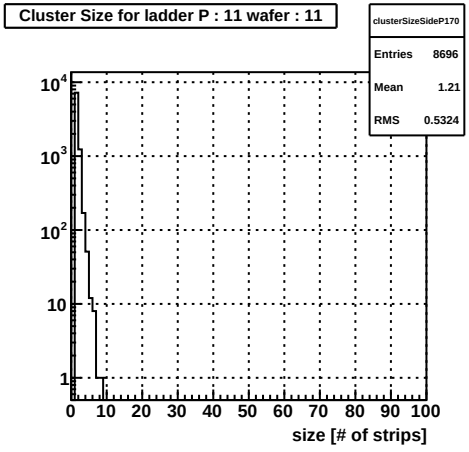

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 14141
Mean 1.252
RMS 0.5905
size [# of strips]

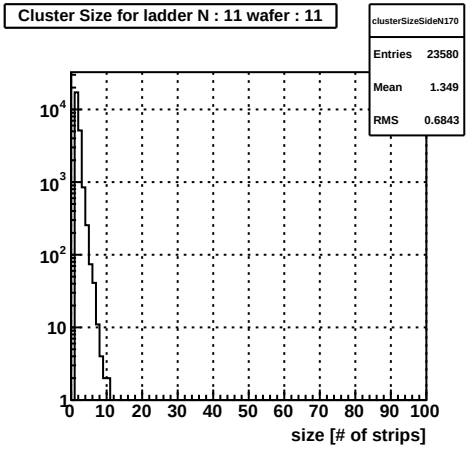

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 19001
Mean 1.423
RMS 0.7274
size [# of strips]

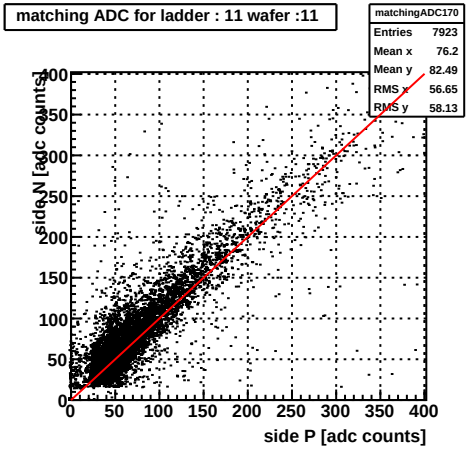

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 13417
Mean x 65.03
Mean y 71.09
RMS x 53.47
RMS y 54.15
side N [adc counts]
side P [adc counts]

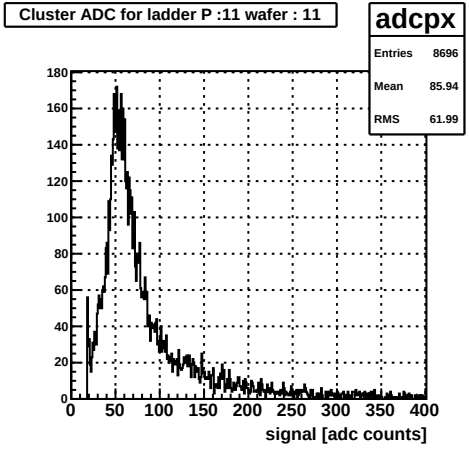

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 14141
Mean 62.59
RMS 53.98
signal [adc counts]

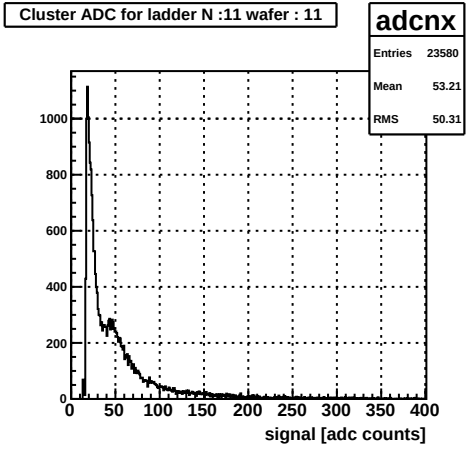

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 19001
Mean 61.91
RMS 53.87
signal [adc counts]

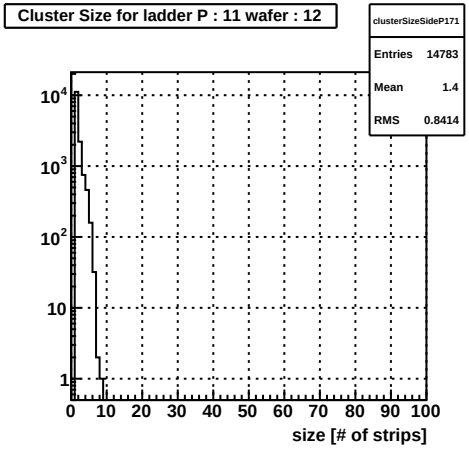

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 8696
Mean 1.21
RMS 0.5324
size [# of strips]

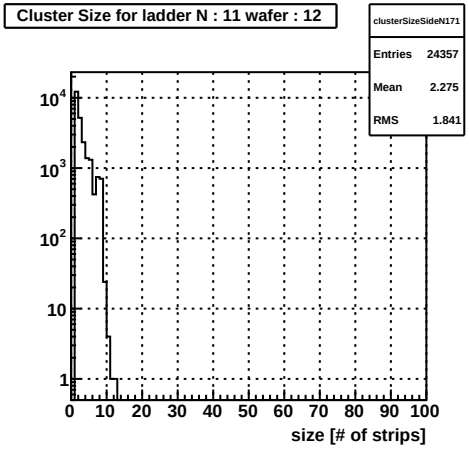

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 23580
Mean 1.349
RMS 0.6843
size [# of strips]

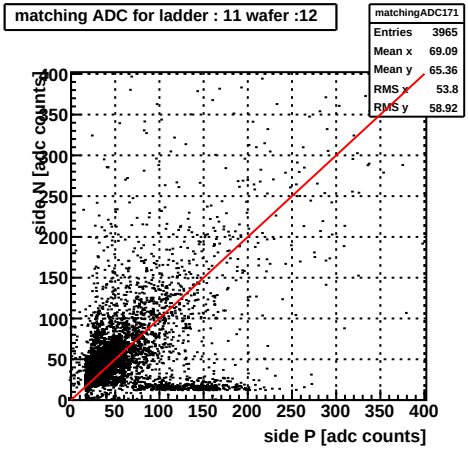

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 7923
Mean x 76.2
Mean y 82.49
RMS x 56.65
RMS y 58.13
side N [adc counts]
side P [adc counts]

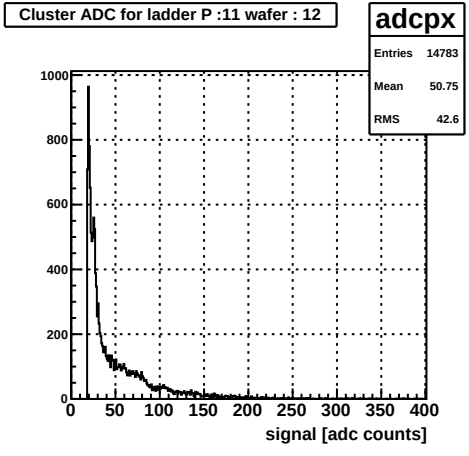

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 8696
Mean 85.94
RMS 61.99
signal [adc counts]

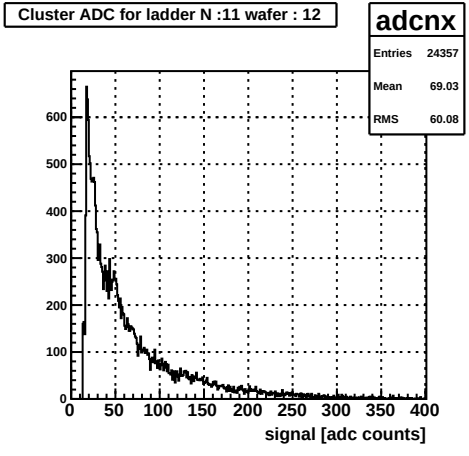

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 23580
Mean 53.21
RMS 50.31
signal [adc counts]

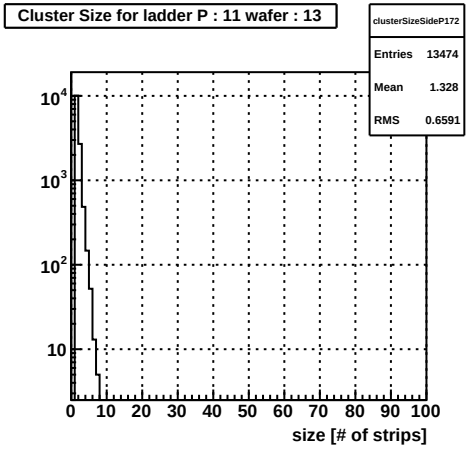

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 14783
Mean 1.4
RMS 0.8414
size [# of strips]

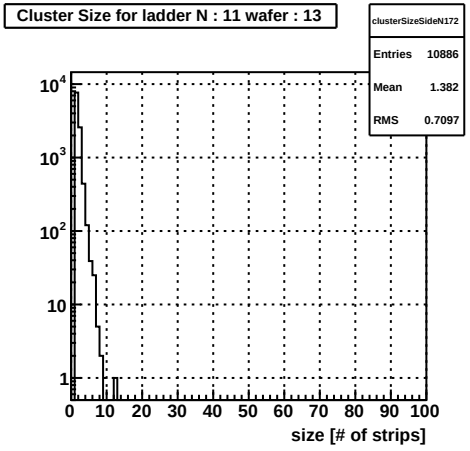

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 24357
Mean 2.275
RMS 1.841
size [# of strips]

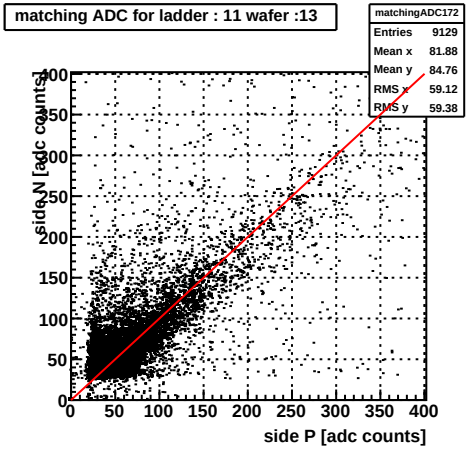

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 3965
Mean x 69.09
Mean y 65.36
RMS x 53.8
RMS y 58.92
side N [adc counts]
side P [adc counts]

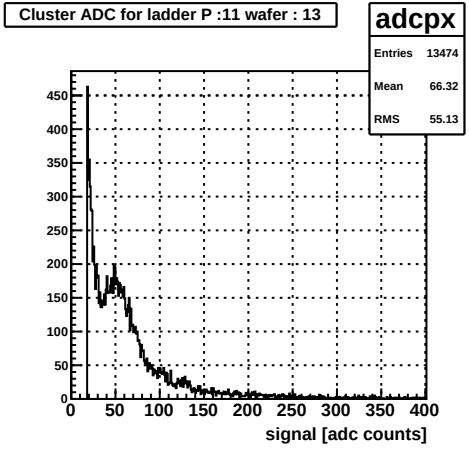

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 14783
Mean 50.75
RMS 42.6
signal [adc counts]

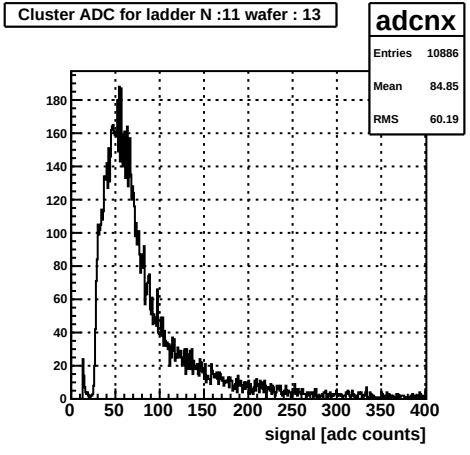

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 24357
Mean 69.03
RMS 60.08
signal [adc counts]

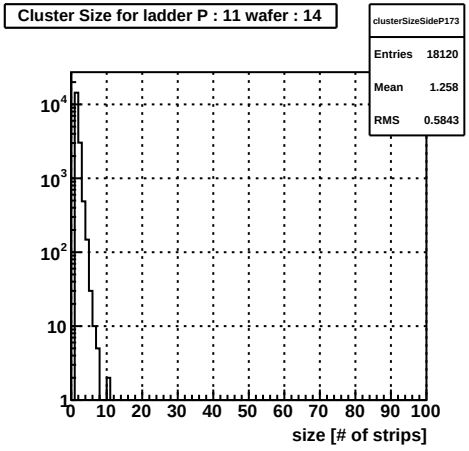

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 13474
Mean 1.328
RMS 0.6591
size [# of strips]

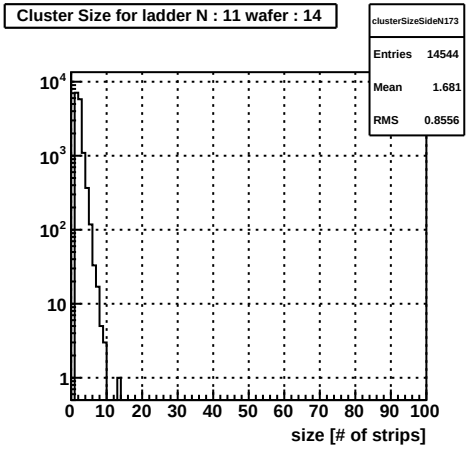

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 10886
Mean 1.382
RMS 0.7097
size [# of strips]

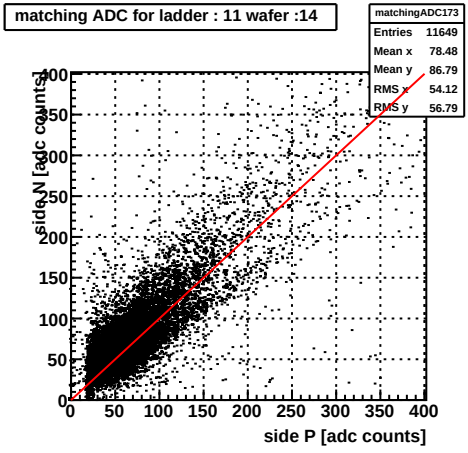

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 9129
Mean x 81.88
Mean y 84.76
RMS x 59.12
RMS y 59.38
side N [adc counts]
side P [adc counts]

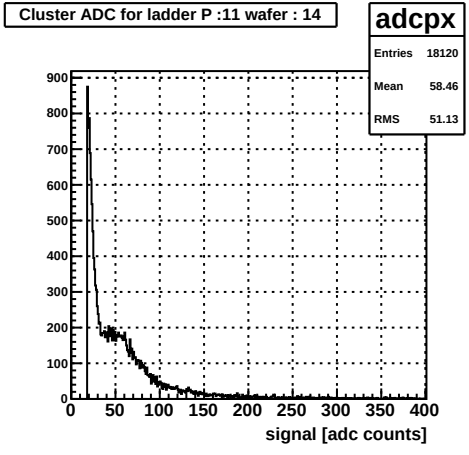

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 13474
Mean 66.32
RMS 55.13
signal [adc counts]

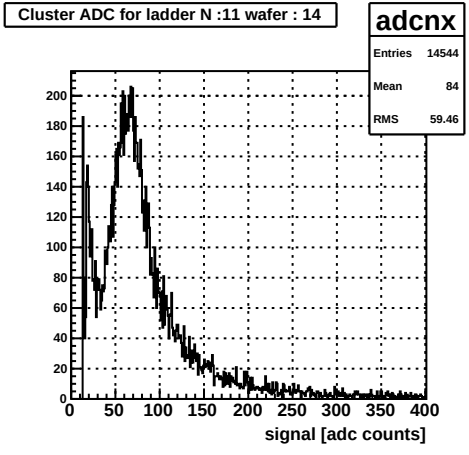

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 10886
Mean 84.85
RMS 60.19
signal [adc counts]

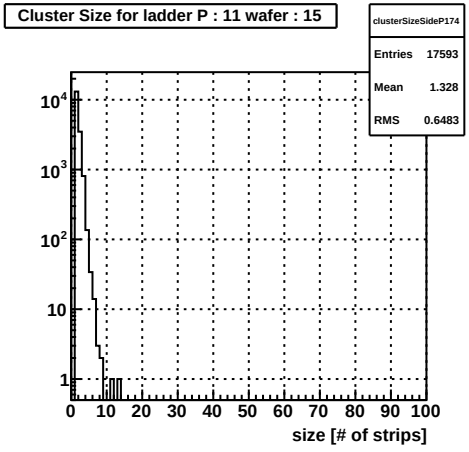

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 18120
Mean 1.258
RMS 0.5843
size [# of strips]

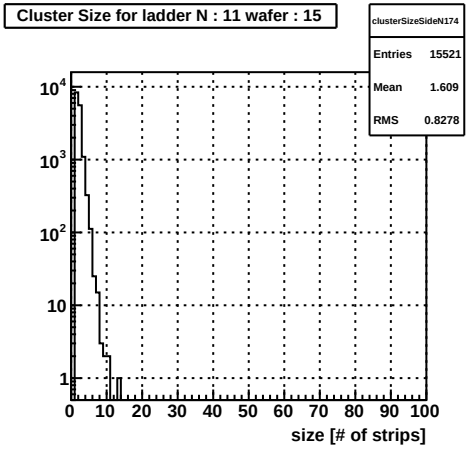

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 14544
Mean 1.681
RMS 0.8556
size [# of strips]

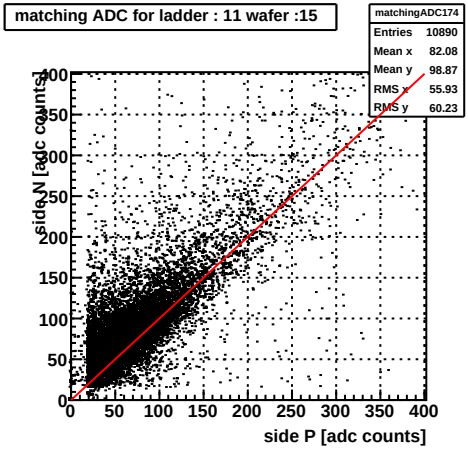

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 11649
Mean x 78.48
Mean y 86.79
RMS x 54.12
RMS y 56.79
side N [adc counts]
side P [adc counts]

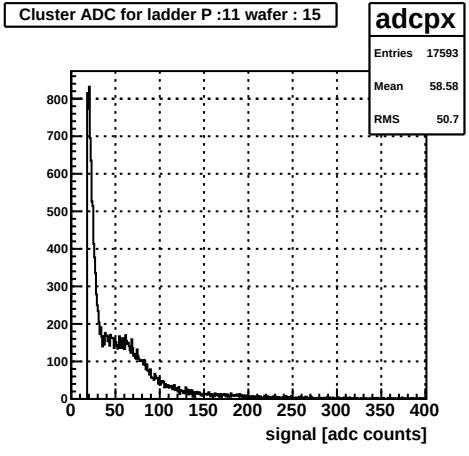

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 18120
Mean 58.46
RMS 51.13
signal [adc counts]

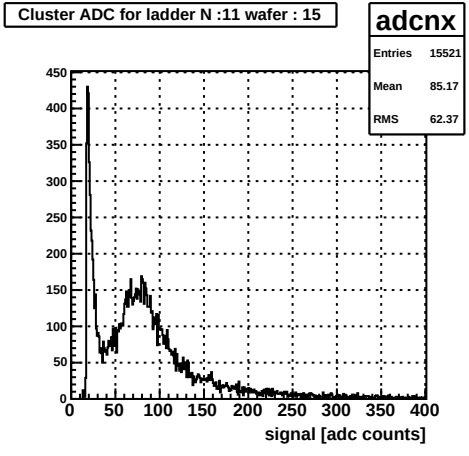

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 14544
Mean 84
RMS 59.46
signal [adc counts]

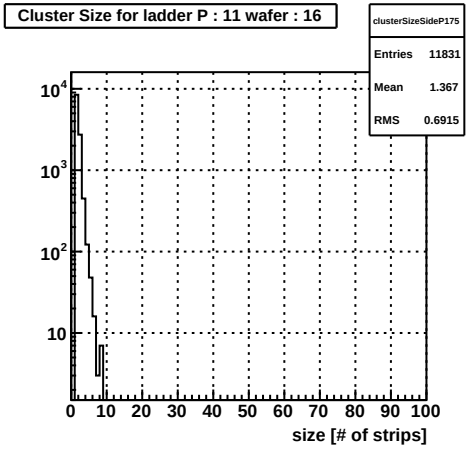

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 17593
Mean 1.328
RMS 0.6483
size [# of strips]

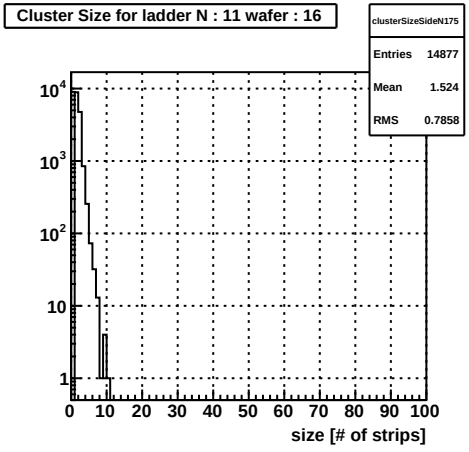

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 15521
Mean 1.609
RMS 0.8278
size [# of strips]

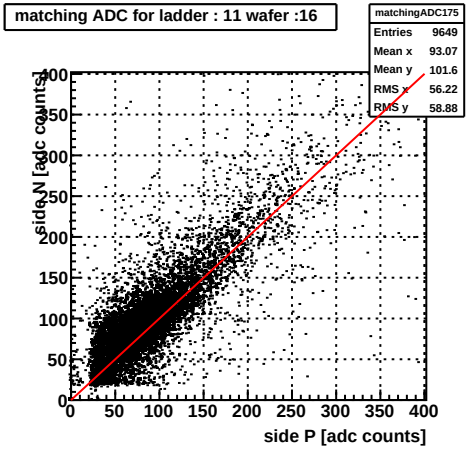

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 10890
Mean x 82.08
Mean y 98.87
RMS x 55.93
RMS y 60.23
side N [adc counts]
side P [adc counts]

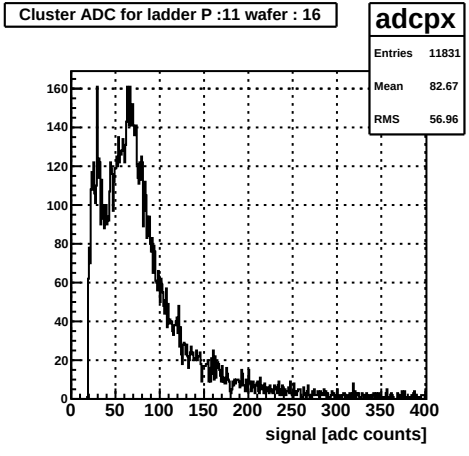

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 17593
Mean 58.58
RMS 50.7
signal [adc counts]

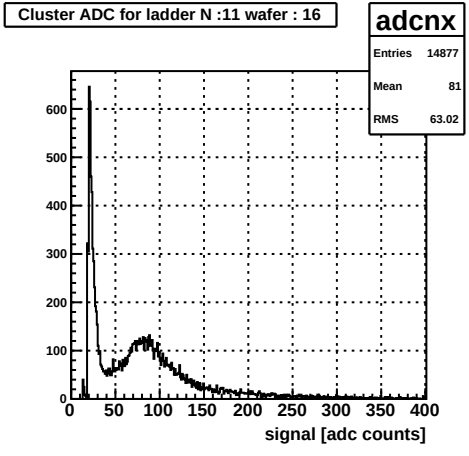

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 15521
Mean 85.17
RMS 62.37
signal [adc counts]

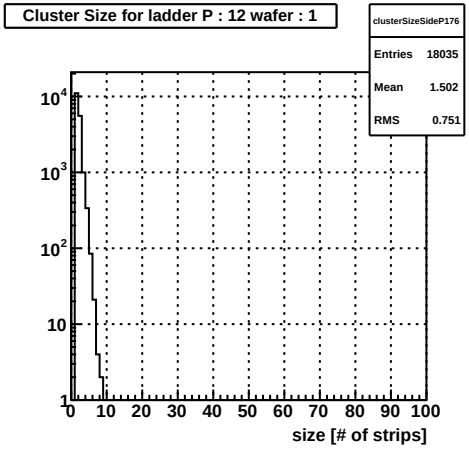

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 11831
Mean 1.367
RMS 0.6915
size [# of strips]

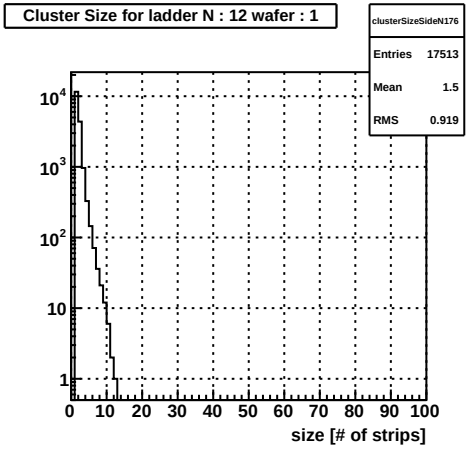

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 14877
Mean 1.524
RMS 0.7858
size [# of strips]

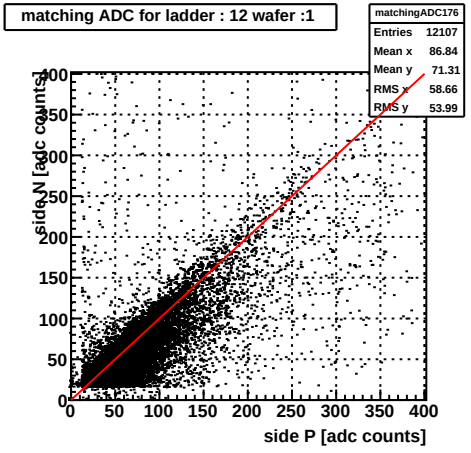

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 9649
Mean x 93.07
Mean y 101.6
RMS x 56.22
RMS y 58.88
side N [adc counts]
side P [adc counts]

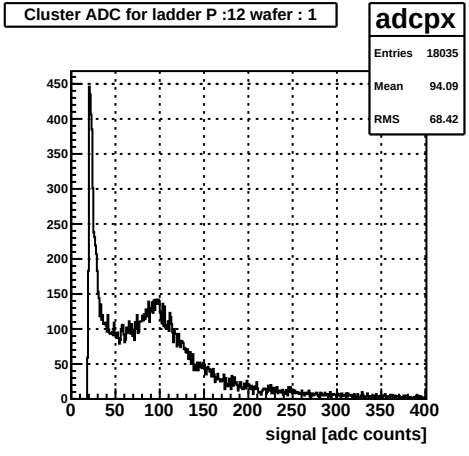

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 11831
Mean 82.67
RMS 56.96
signal [adc counts]

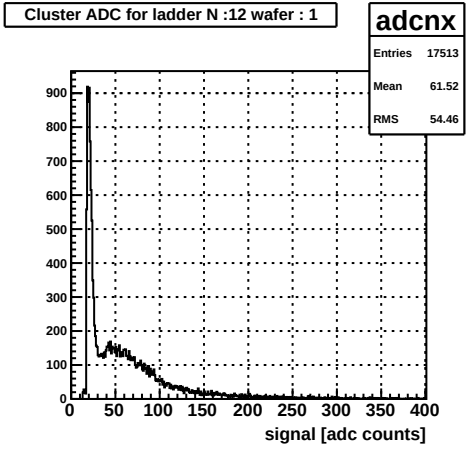

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 14877
Mean 81
RMS 63.02
signal [adc counts]

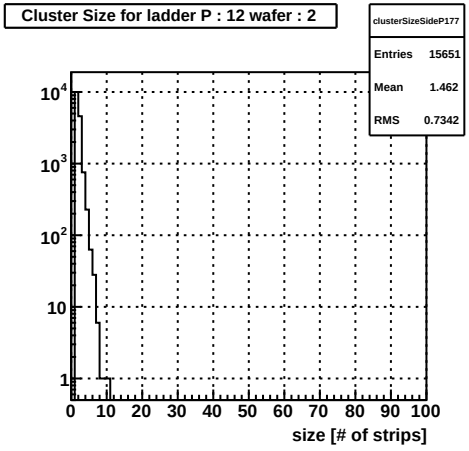

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 18035
Mean 1.502
RMS 0.751
size [# of strips]

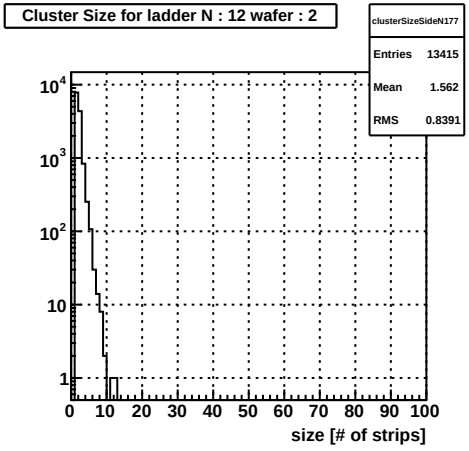

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 17513
Mean 1.5
RMS 0.919
size [# of strips]

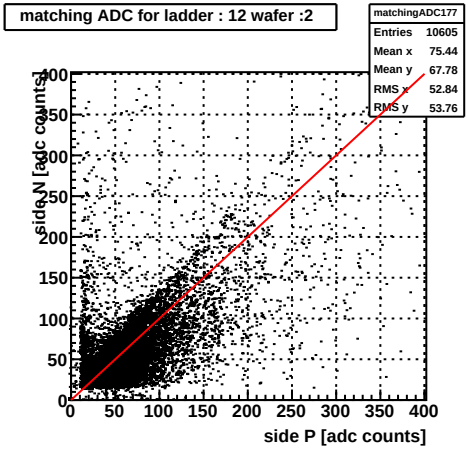

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 12107
Mean x 86.84
Mean y 71.31
RMS x 58.66
RMS y 53.99
side N [adc counts]
side P [adc counts]

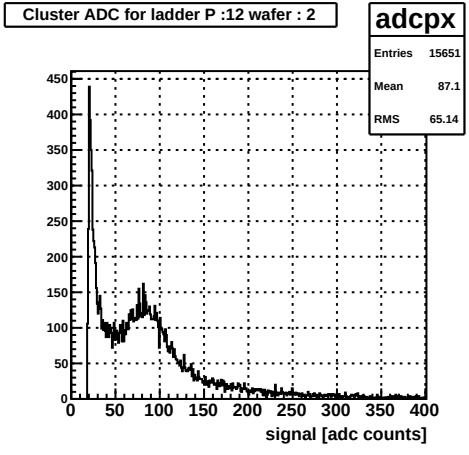

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 18035
Mean 94.09
RMS 68.42
signal [adc counts]

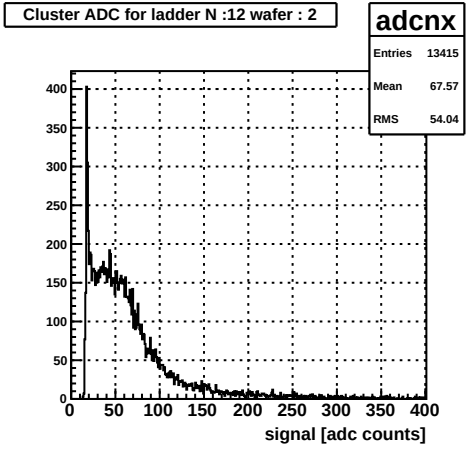

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 17513
Mean 61.52
RMS 54.46
signal [adc counts]

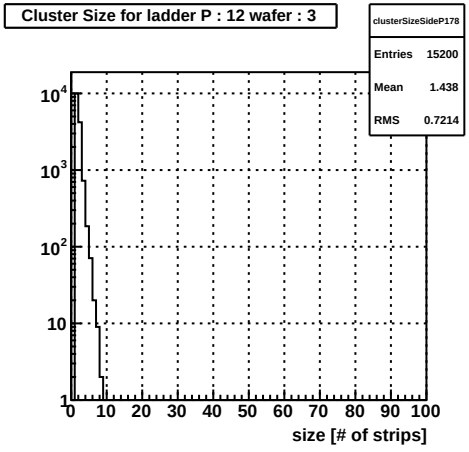

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 15651
Mean 1.462
RMS 0.7342
size [# of strips]

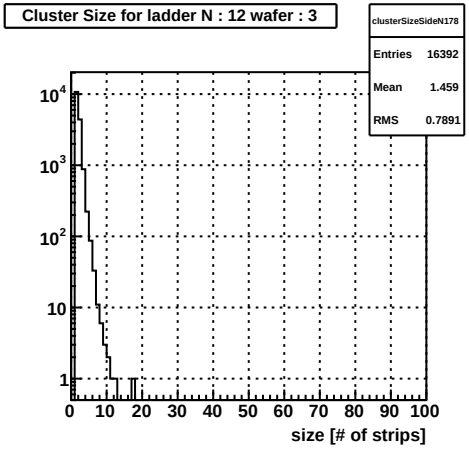

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 13415
Mean 1.562
RMS 0.8391
size [# of strips]

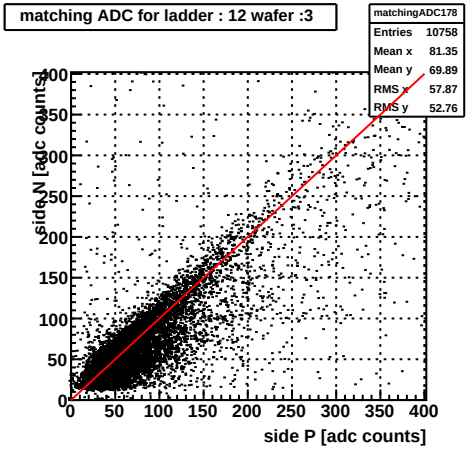

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 10605
Mean x 75.44
Mean y 67.78
RMS x 52.84
RMS y 53.76
side N [adc counts]
side P [adc counts]

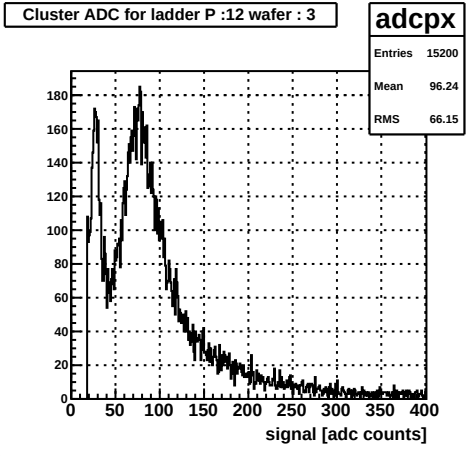

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 15651
Mean 87.1
RMS 65.14
signal [adc counts]

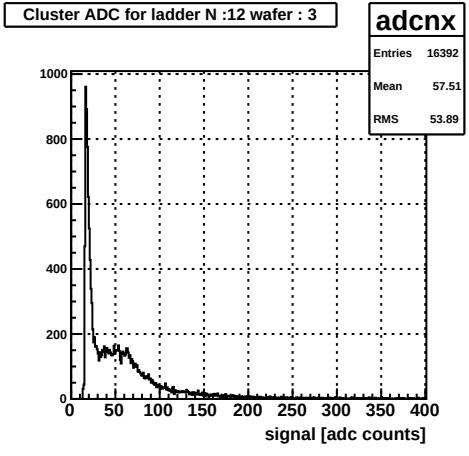

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 13415
Mean 67.57
RMS 54.04
signal [adc counts]

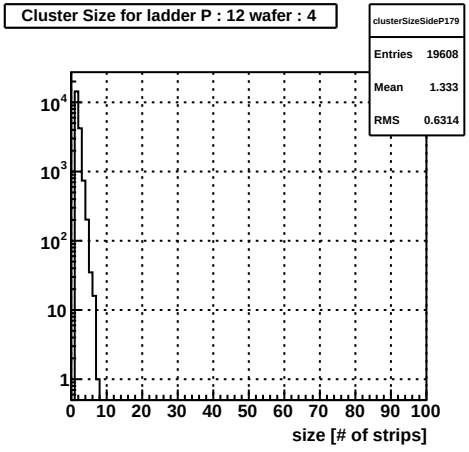

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 15200
Mean 1.438
RMS 0.7214
size [# of strips]

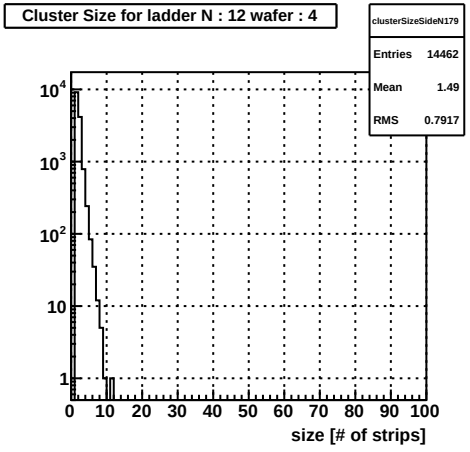

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 16392
Mean 1.459
RMS 0.7891
size [# of strips]

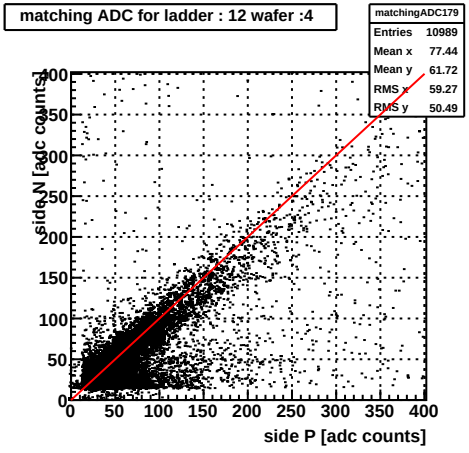

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 10758
Mean x 81.35
Mean y 69.89
RMS x 57.87
RMS y 52.76
side N [adc counts]
side P [adc counts]

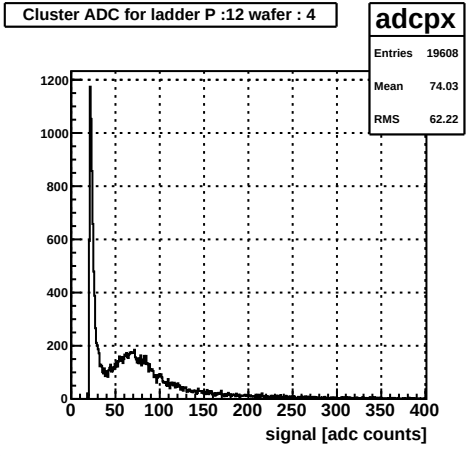

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 15200
Mean 96.24
RMS 66.15
signal [adc counts]

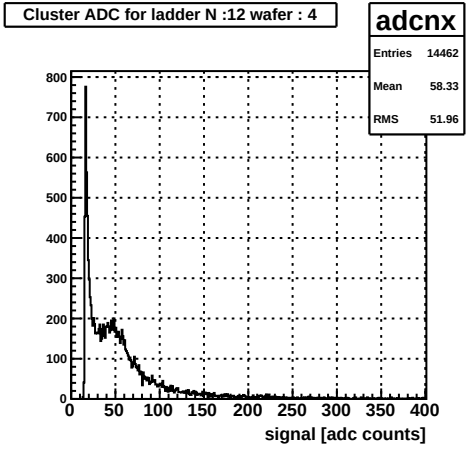

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 16392
Mean 57.51
RMS 53.89
signal [adc counts]

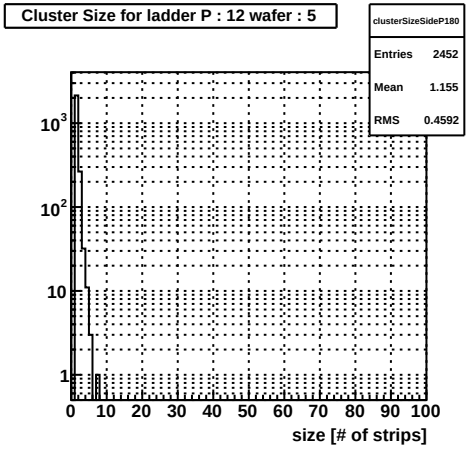

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 19608
Mean 1.333
RMS 0.6314
size [# of strips]

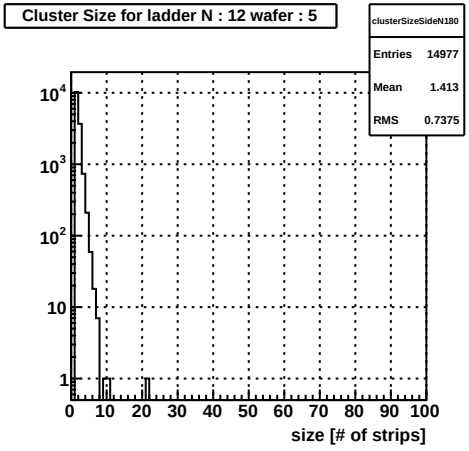

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 14462
Mean 1.49
RMS 0.7917
size [# of strips]

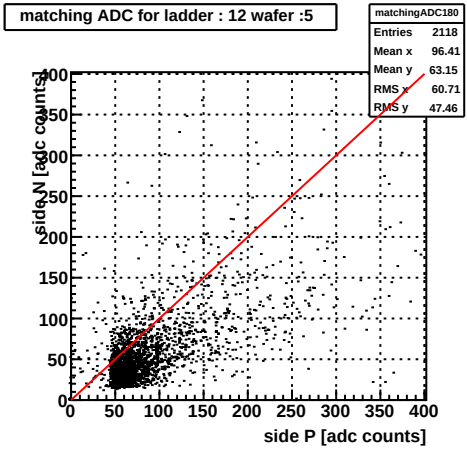

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 10989
Mean x 77.44
Mean y 61.72
RMS x 59.27
RMS y 50.49
side N [adc counts]
side P [adc counts]

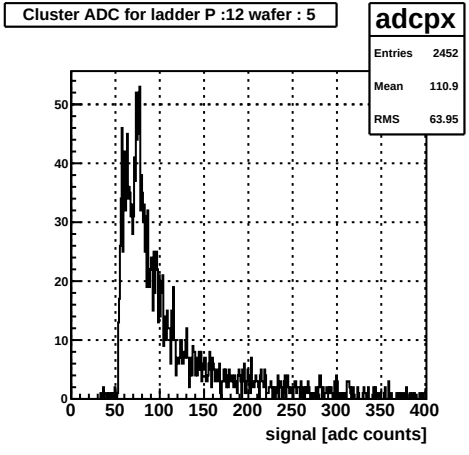

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 19608
Mean 74.03
RMS 62.22
signal [adc counts]

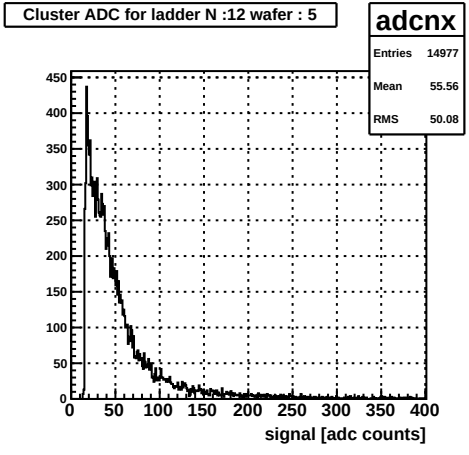

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 14462
Mean 58.33
RMS 51.96
signal [adc counts]

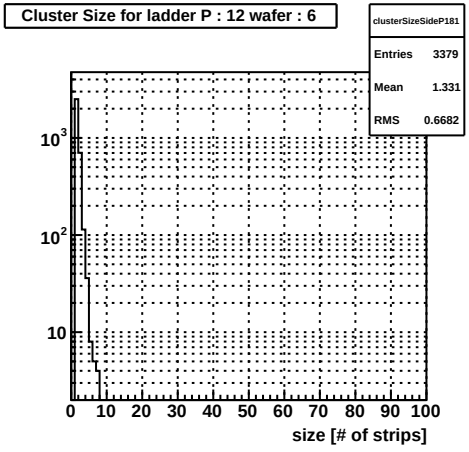

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 2452
Mean 1.155
RMS 0.4592
size [# of strips]

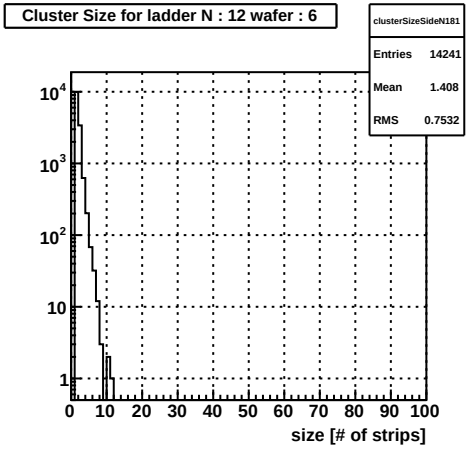

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 14977
Mean 1.413
RMS 0.7375
size [# of strips]

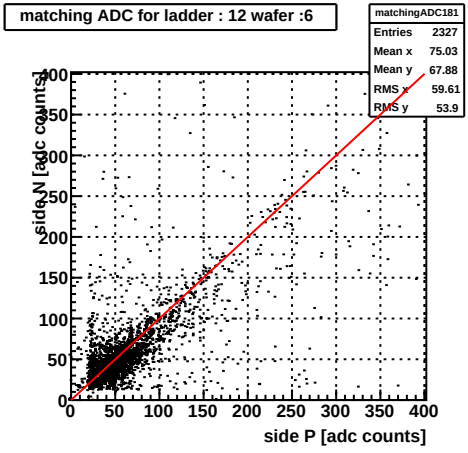

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 2118
Mean x 96.41
Mean y 63.15
RMS x 60.71
RMS y 47.46
side N [adc counts]
side P [adc counts]

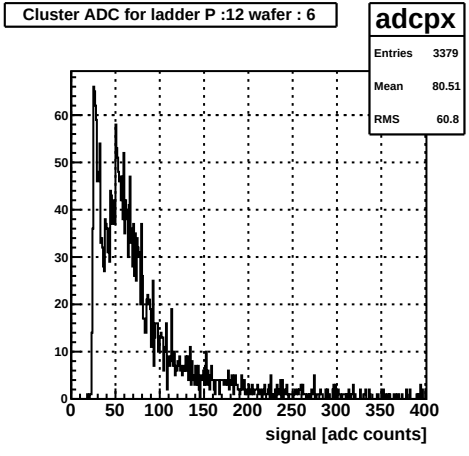

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 2452
Mean 110.9
RMS 63.95
signal [adc counts]

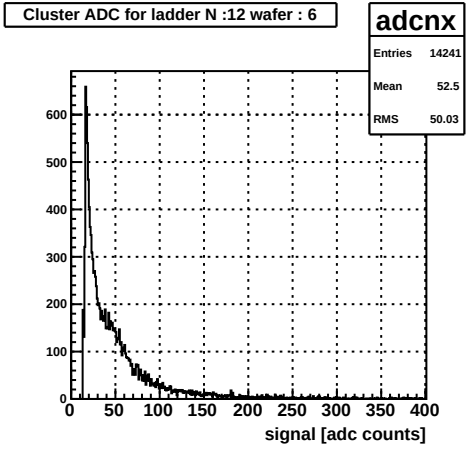

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 14977
Mean 55.56
RMS 50.08
signal [adc counts]

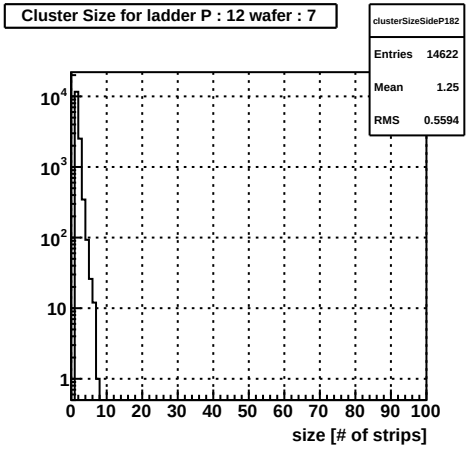

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 3379
Mean 1.331
RMS 0.6682
size [# of strips]

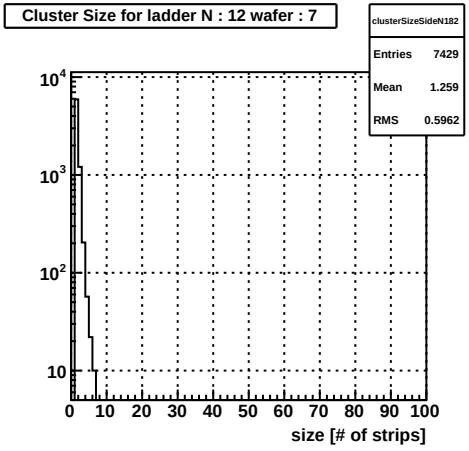

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 14241
Mean 1.408
RMS 0.7532
size [# of strips]

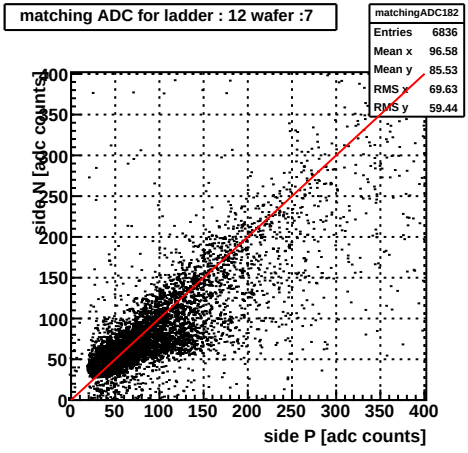

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 2327
Mean x 75.03
Mean y 67.88
RMS x 59.61
RMS y 53.9
side N [adc counts]
side P [adc counts]

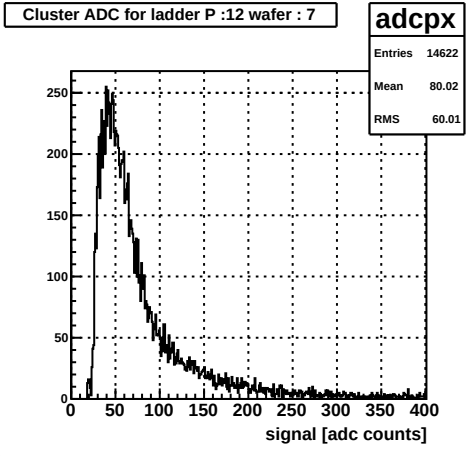

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 3379
Mean 80.51
RMS 60.8
signal [adc counts]

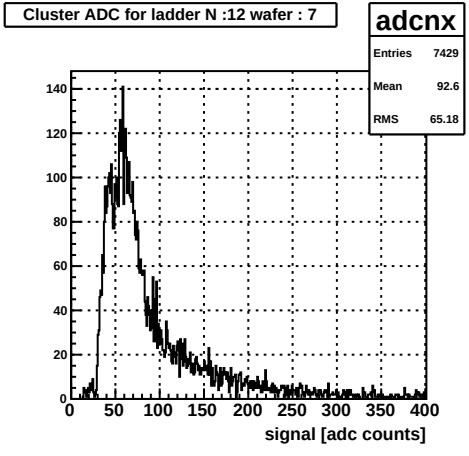

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 14241
Mean 52.5
RMS 50.03
signal [adc counts]

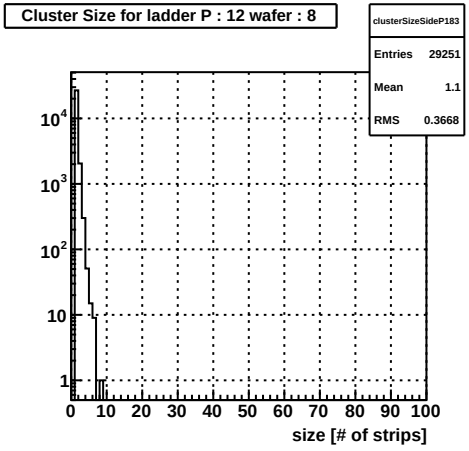

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 14622
Mean 1.25
RMS 0.5594
size [# of strips]

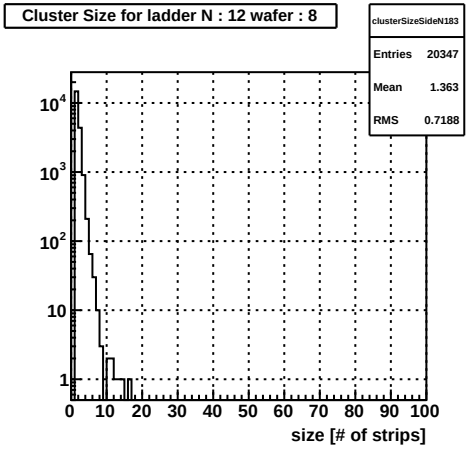

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 7429
Mean 1.259
RMS 0.5962
size [# of strips]

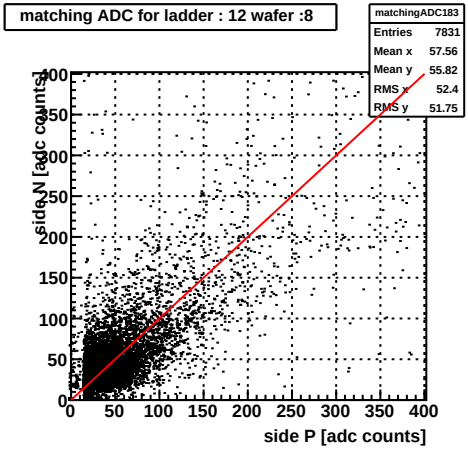

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 6836
Mean x 96.58
Mean y 85.53
RMS x 69.63
RMS y 59.44
side N [adc counts]
side P [adc counts]

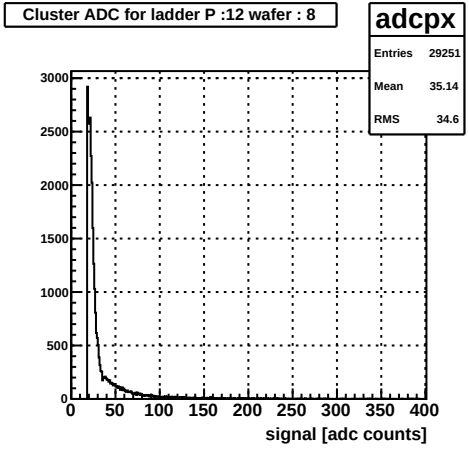

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 14622
Mean 80.02
RMS 60.01
signal [adc counts]

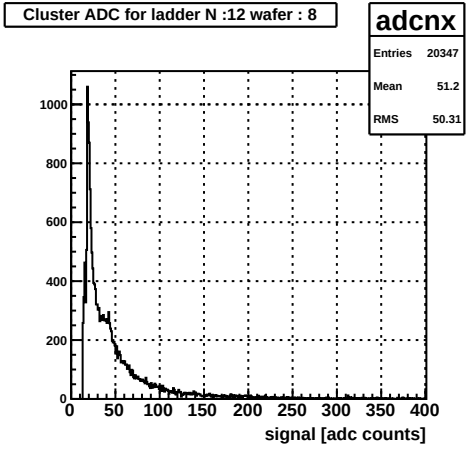

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 7429
Mean 92.6
RMS 65.18
signal [adc counts]

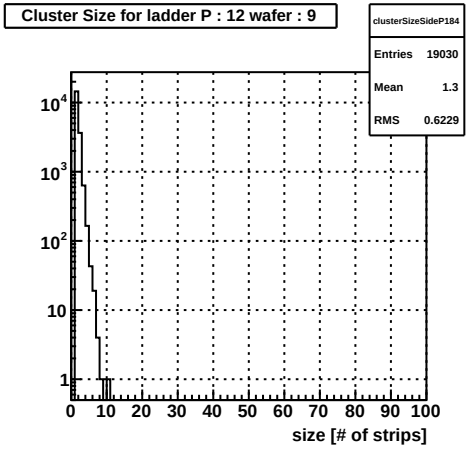

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 29251
Mean 1.1
RMS 0.3668
size [# of strips]

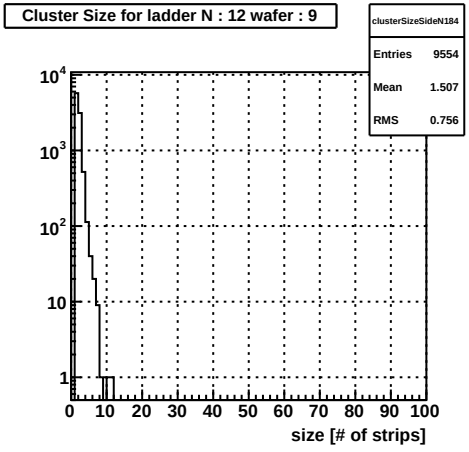

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 20347
Mean 1.363
RMS 0.7188
size [# of strips]

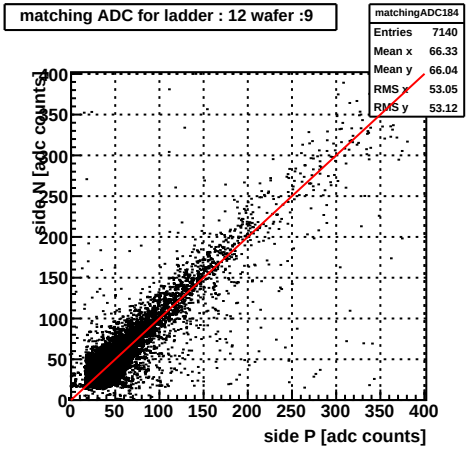

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 7831
Mean x 57.56
Mean y 55.82
RMS x 52.4
RMS y 51.75
side N [adc counts]
side P [adc counts]

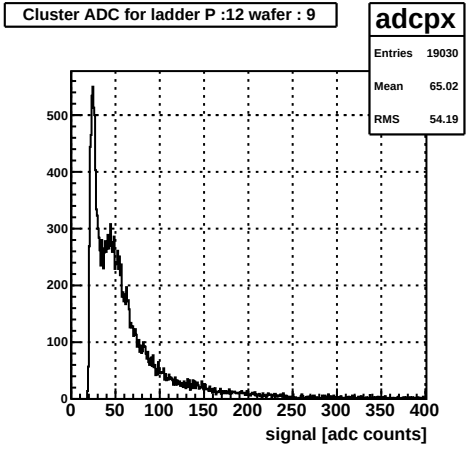

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 29251
Mean 35.14
RMS 34.6
signal [adc counts]

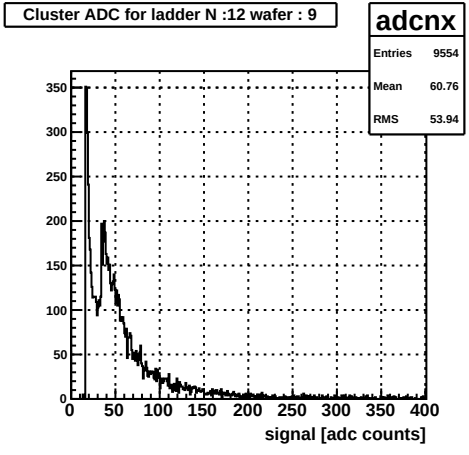

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 20347
Mean 51.2
RMS 50.31
signal [adc counts]

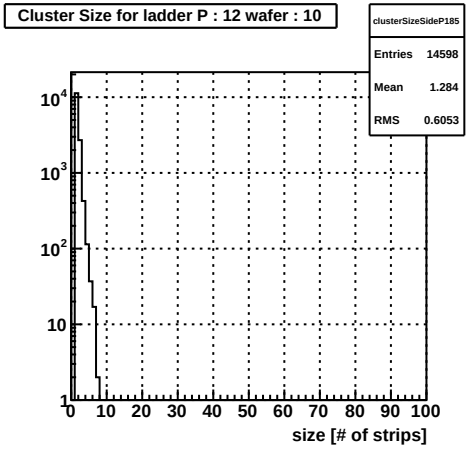

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 19030
Mean 1.3
RMS 0.6229
size [# of strips]

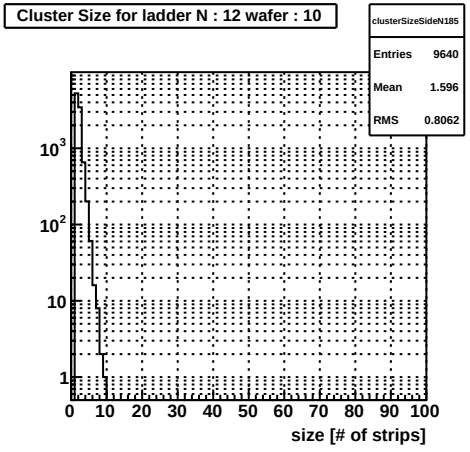

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 9554
Mean 1.507
RMS 0.756
size [# of strips]

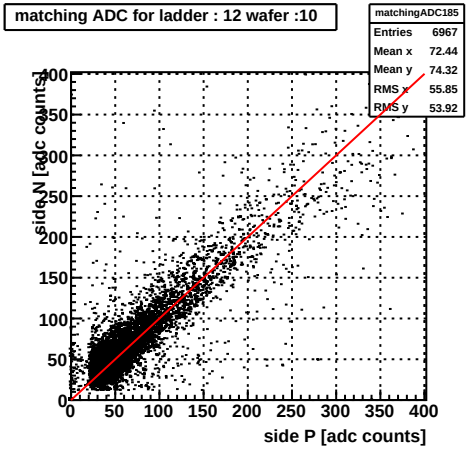

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 7140
Mean x 66.33
Mean y 66.04
RMS x 53.05
RMS y 53.12
side N [adc counts]
side P [adc counts]

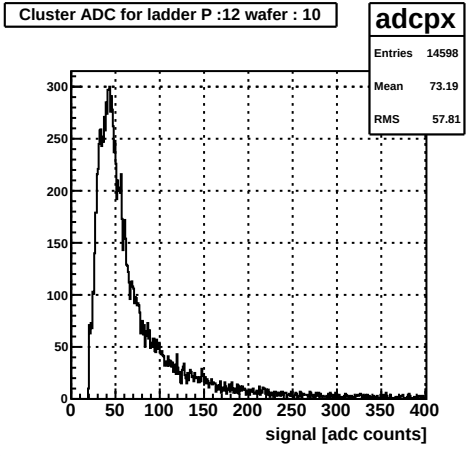

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 19030
Mean 65.02
RMS 54.19
signal [adc counts]

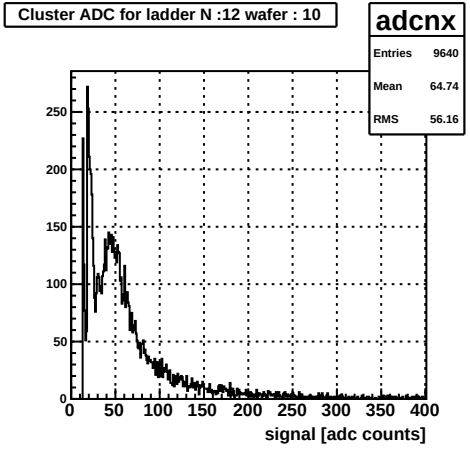

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 9554
Mean 60.76
RMS 53.94
signal [adc counts]

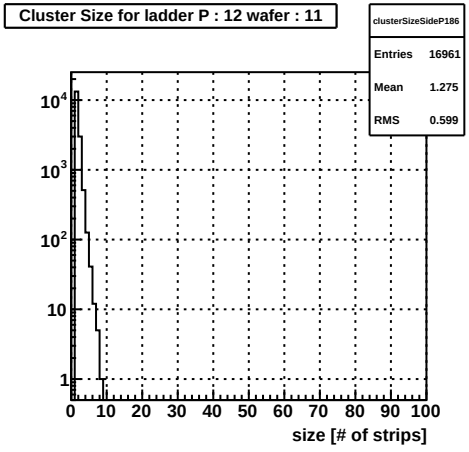

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 14598
Mean 1.284
RMS 0.6053
size [# of strips]

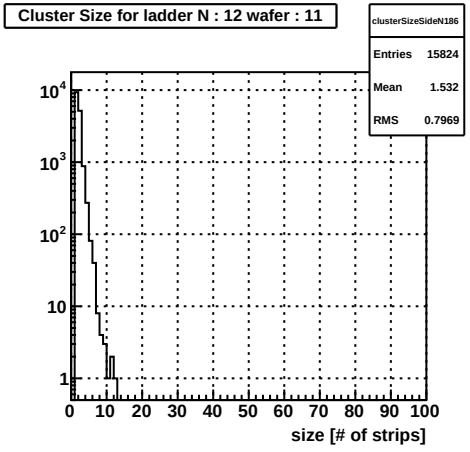

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 9640
Mean 1.596
RMS 0.8062
size [# of strips]

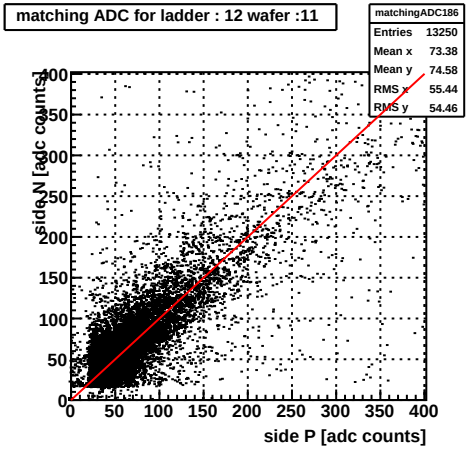

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 6967
Mean x 72.44
Mean y 74.32
RMS x 55.85
RMS y 53.92
side N [adc counts]
side P [adc counts]

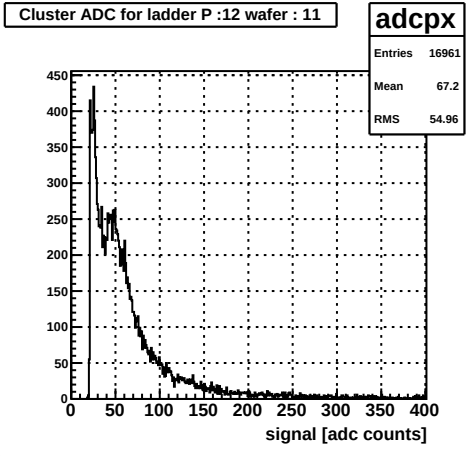

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 14598
Mean 73.19
RMS 57.81
signal [adc counts]

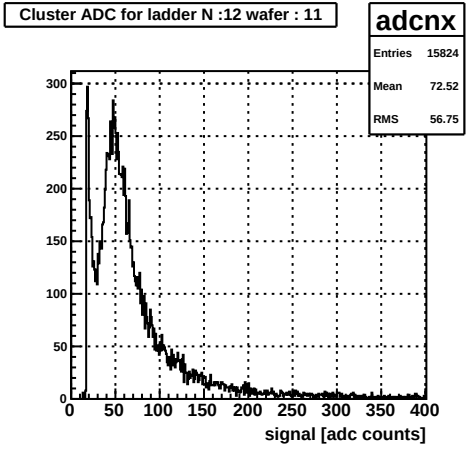

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 9640
Mean 64.74
RMS 56.16
signal [adc counts]

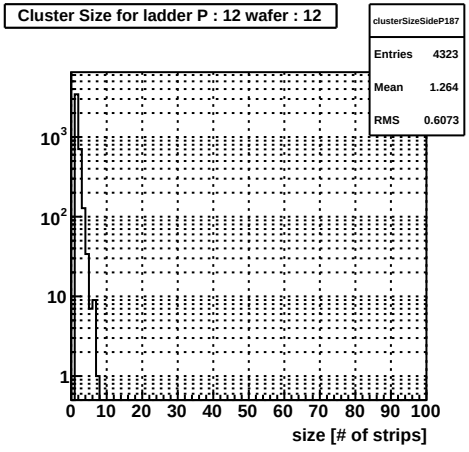

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 16961
Mean 1.275
RMS 0.599
size [# of strips]

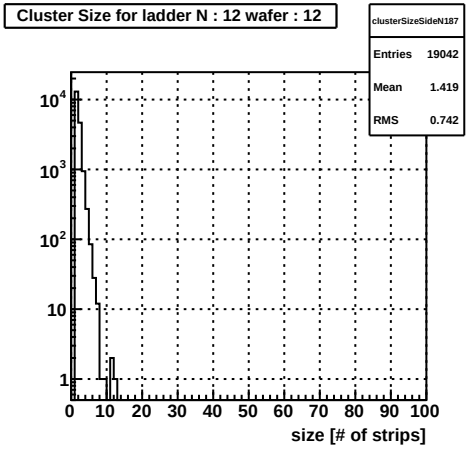

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 15824
Mean 1.532
RMS 0.7969
size [# of strips]

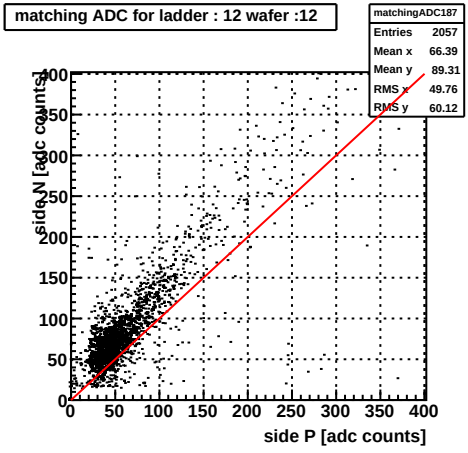

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 13250
Mean x 73.38
Mean y 74.58
RMS x 55.44
RMS y 54.46
side N [adc counts]
side P [adc counts]

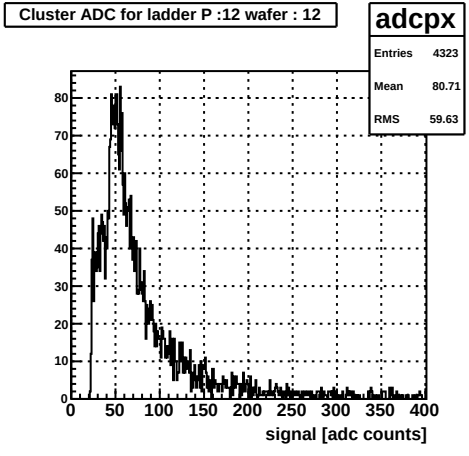

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 16961
Mean 67.2
RMS 54.96
signal [adc counts]

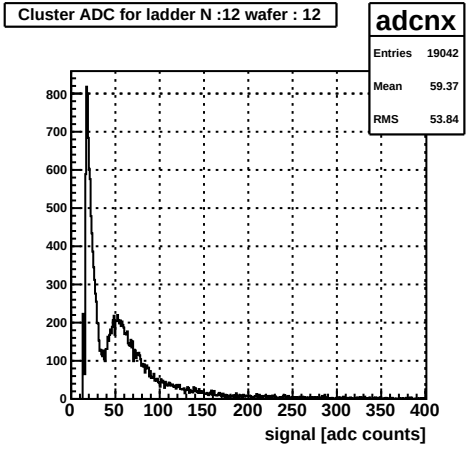

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 15824
Mean 72.52
RMS 56.75
signal [adc counts]

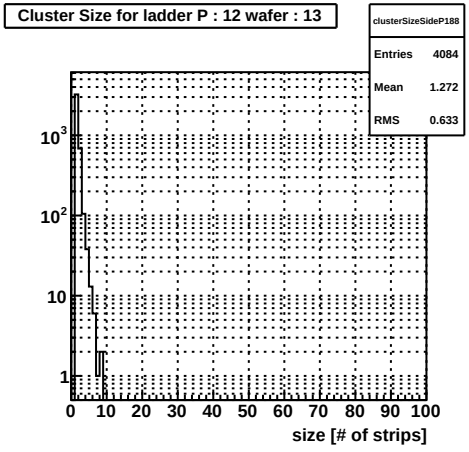

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4323
Mean 1.264
RMS 0.6073
size [# of strips]

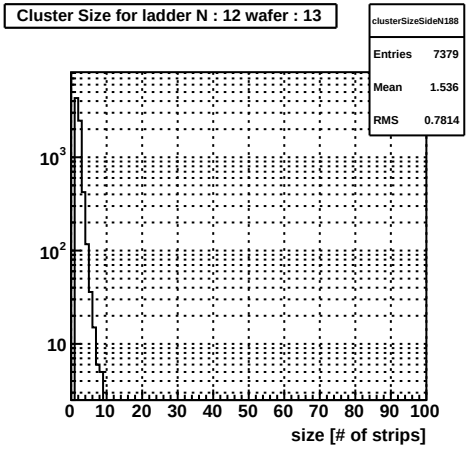

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 19042
Mean 1.419
RMS 0.742
size [# of strips]

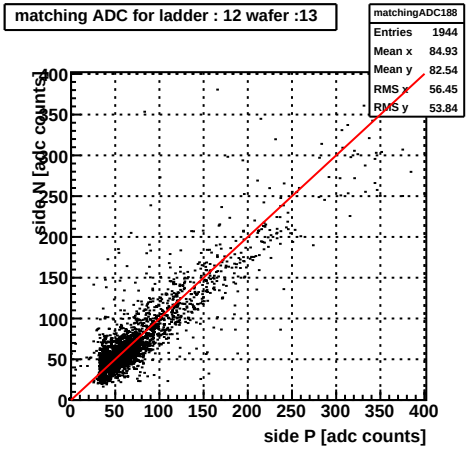

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 2057
Mean x 66.39
Mean y 89.31
RMS x 49.76
RMS y 60.12
side N [adc counts]
side P [adc counts]

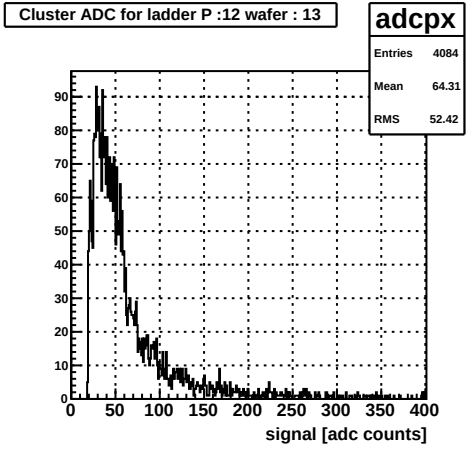

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4323
Mean 80.71
RMS 59.63
signal [adc counts]

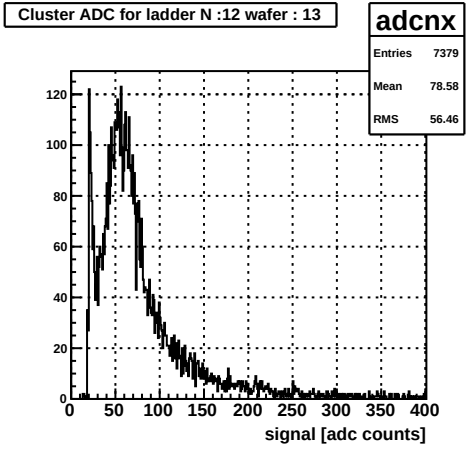

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 19042
Mean 59.37
RMS 53.84
signal [adc counts]

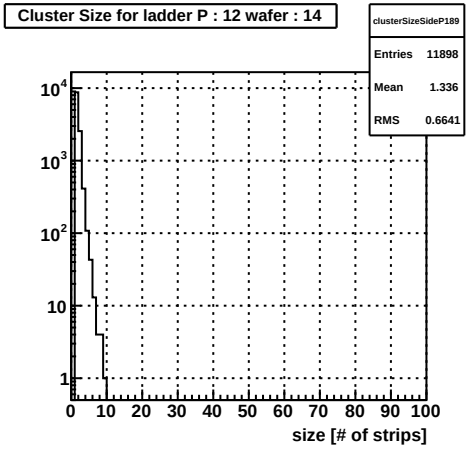

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 4084
Mean 1.272
RMS 0.633
size [# of strips]

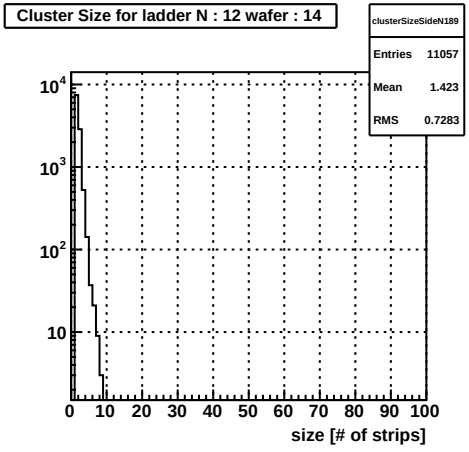

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 7379
Mean 1.536
RMS 0.7814
size [# of strips]

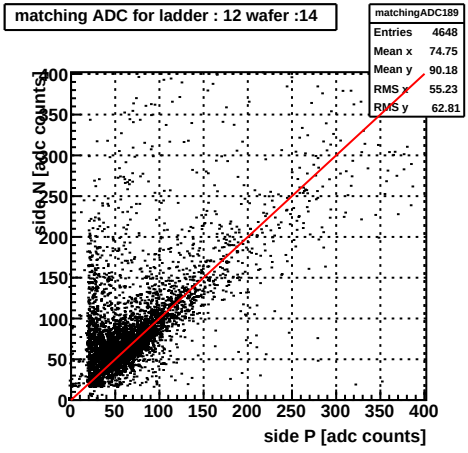

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1944
Mean x 84.93
Mean y 82.54
RMS x 56.45
RMS y 53.84
side N [adc counts]
side P [adc counts]

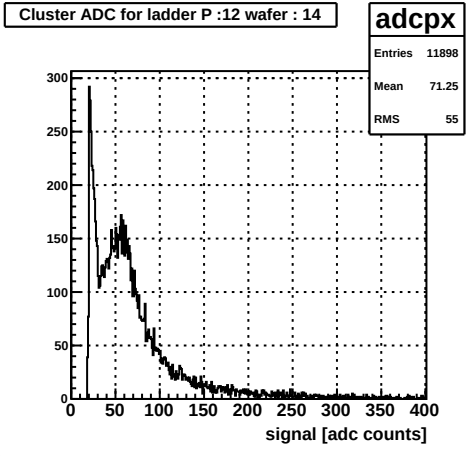

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 4084
Mean 64.31
RMS 52.42
signal [adc counts]

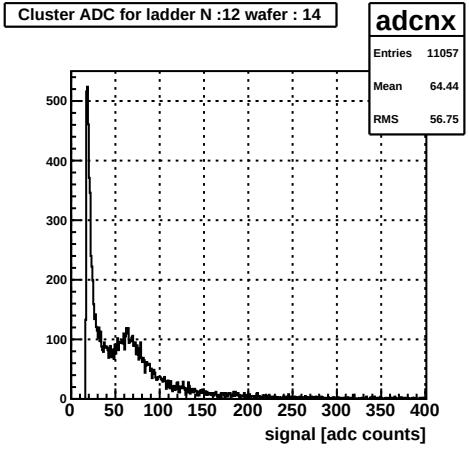

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 7379
Mean 78.58
RMS 56.46
signal [adc counts]

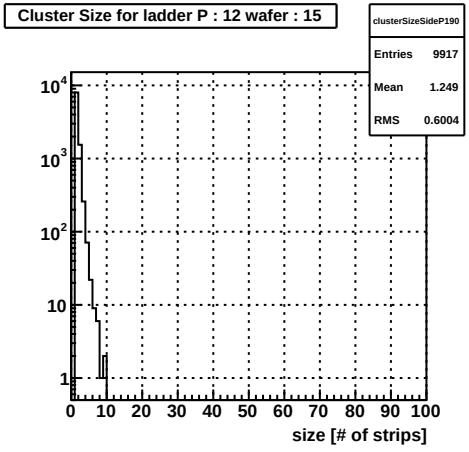

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 11898
Mean 1.336
RMS 0.6641
size [# of strips]

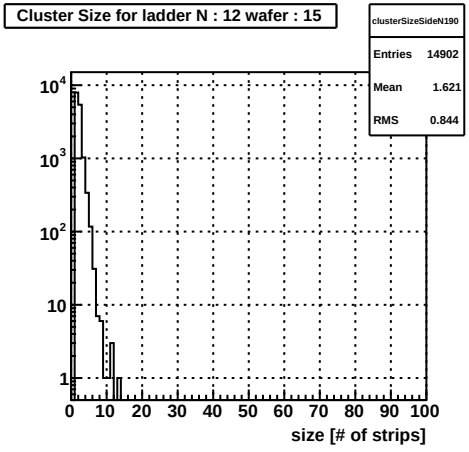

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 11057
Mean 1.423
RMS 0.7283
size [# of strips]

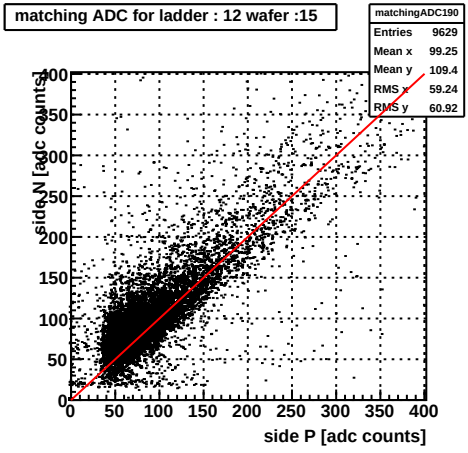

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 4648
Mean x 74.75
Mean y 90.18
RMS x 55.23
RMS y 62.81
side N [adc counts]
side P [adc counts]

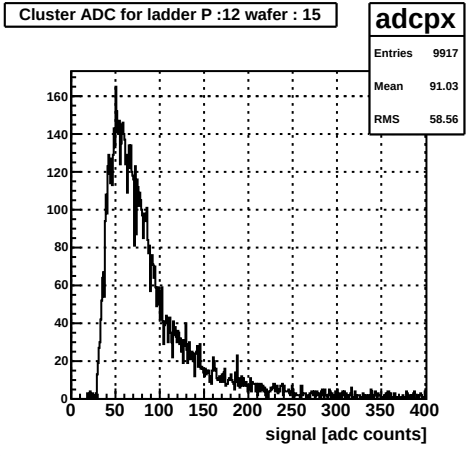

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 11898
Mean 71.25
RMS 55
signal [adc counts]

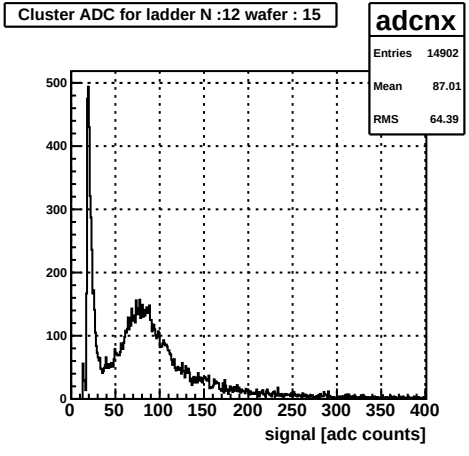

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 11057
Mean 64.44
RMS 56.75
signal [adc counts]

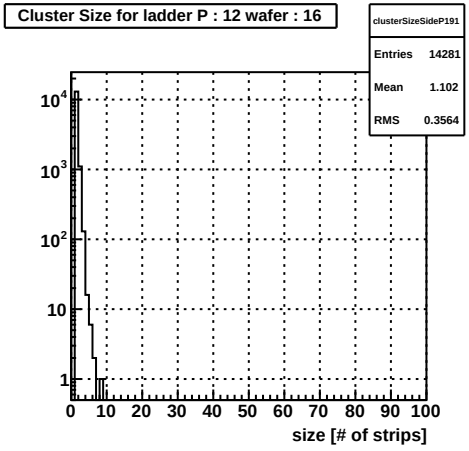

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 9917
Mean 1.249
RMS 0.6004
size [# of strips]

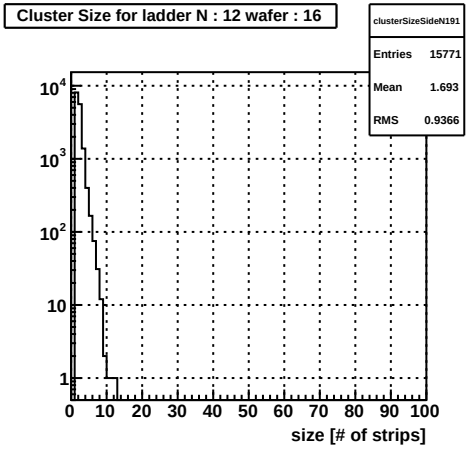

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 14902
Mean 1.621
RMS 0.844
size [# of strips]

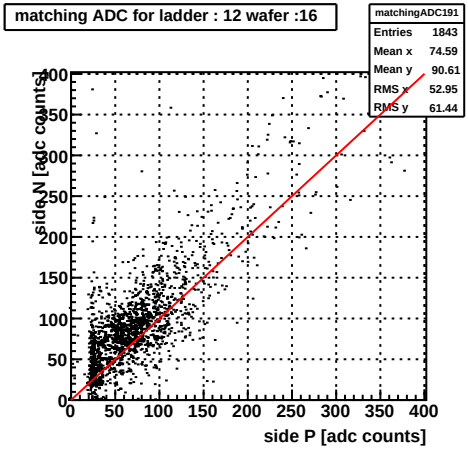

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 9629
Mean x 99.25
Mean y 109.4
RMS x 59.24
RMS y 60.92
side N [adc counts]
side P [adc counts]

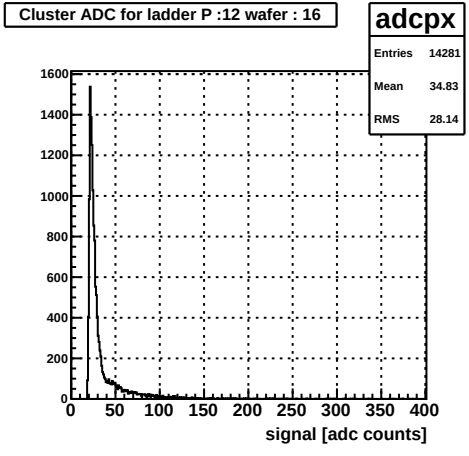

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 9917
Mean 91.03
RMS 58.56
signal [adc counts]

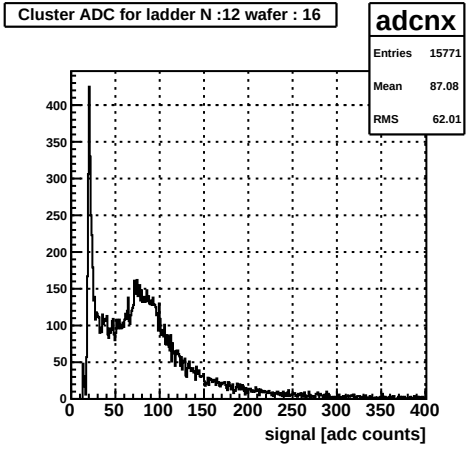

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 14902
Mean 87.01
RMS 64.39
signal [adc counts]

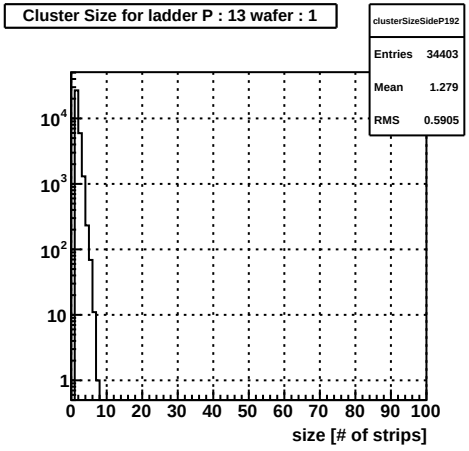

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 14281
Mean 1.102
RMS 0.3564
size [# of strips]

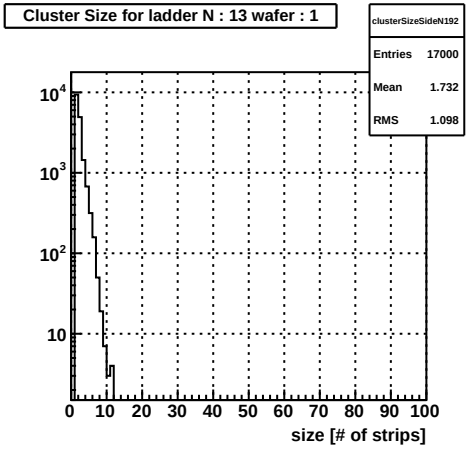

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 15771
Mean 1.693
RMS 0.9366
size [# of strips]

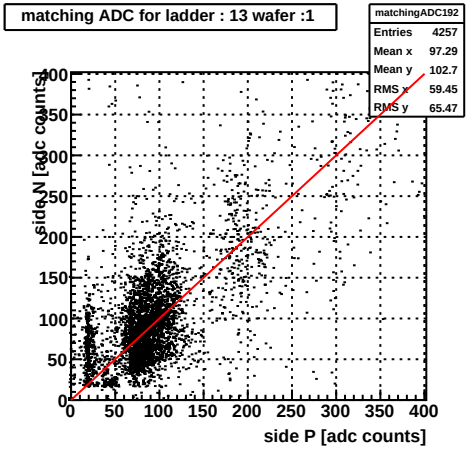

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1843
Mean x 74.59
Mean y 90.61
RMS x 52.95
RMS y 61.44
side N [adc counts]
side P [adc counts]

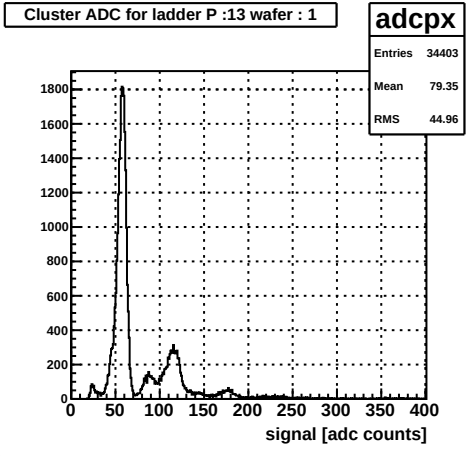

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 14281
Mean 34.83
RMS 28.14
signal [adc counts]

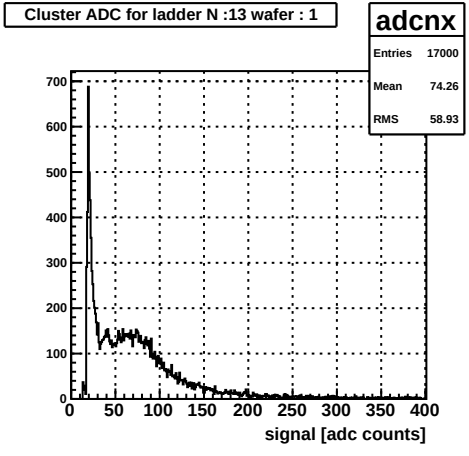

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 15771
Mean 87.08
RMS 62.01
signal [adc counts]

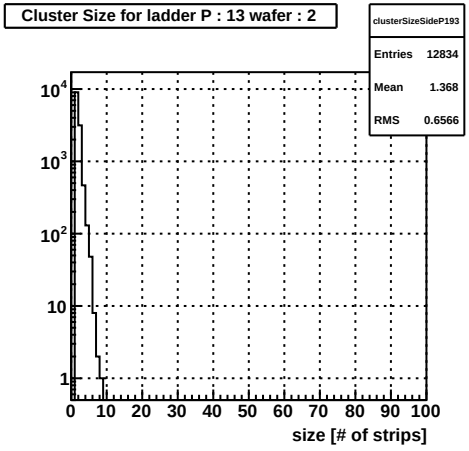

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 34403
Mean 1.279
RMS 0.5905
size [# of strips]

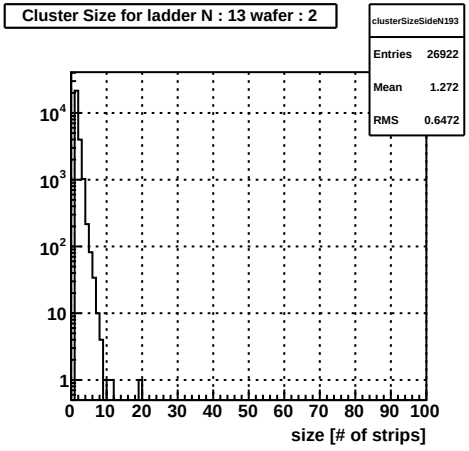

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 17000
Mean 1.732
RMS 1.098
size [# of strips]

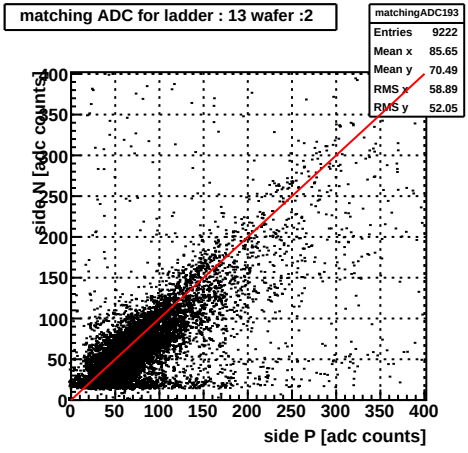

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 4257
Mean x 97.29
Mean y 102.7
RMS x 59.45
RMS y 65.47
side N [adc counts]
side P [adc counts]

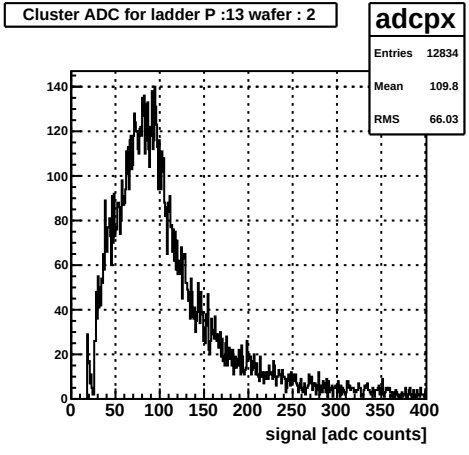

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 34403
Mean 79.35
RMS 44.96
signal [adc counts]

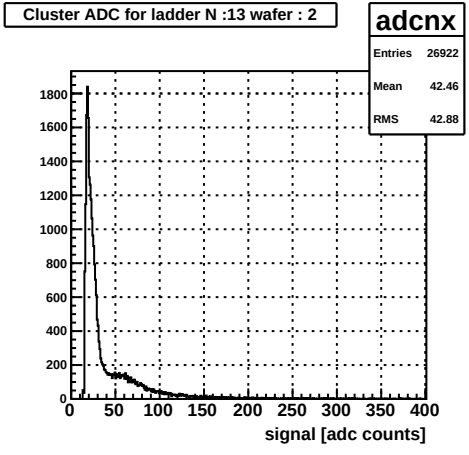

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 17000
Mean 74.26
RMS 58.93
signal [adc counts]

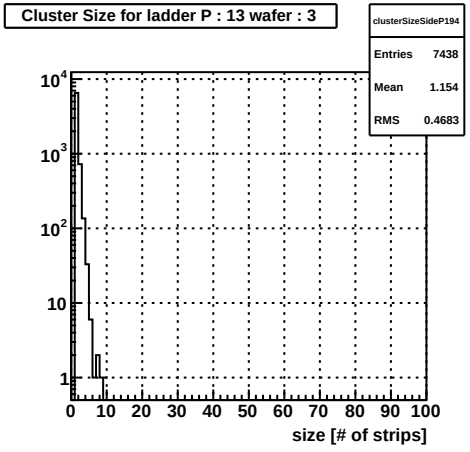

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 12834
Mean 1.368
RMS 0.6566
size [# of strips]

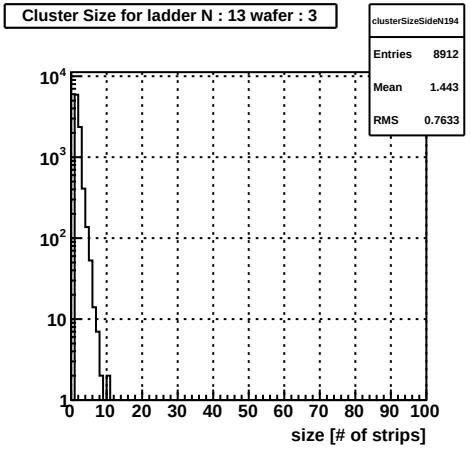

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 26922
Mean 1.272
RMS 0.6472
size [# of strips]

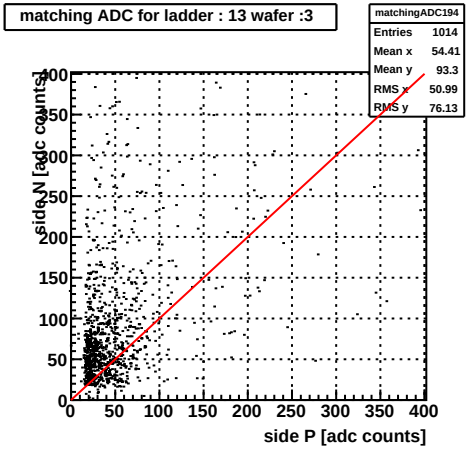

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 9222
Mean x 85.65
Mean y 70.49
RMS x 58.89
RMS y 52.05
side N [adc counts]
side P [adc counts]

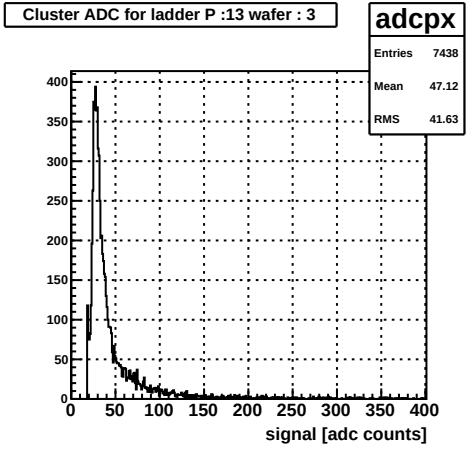

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 12834
Mean 109.8
RMS 66.03
signal [adc counts]

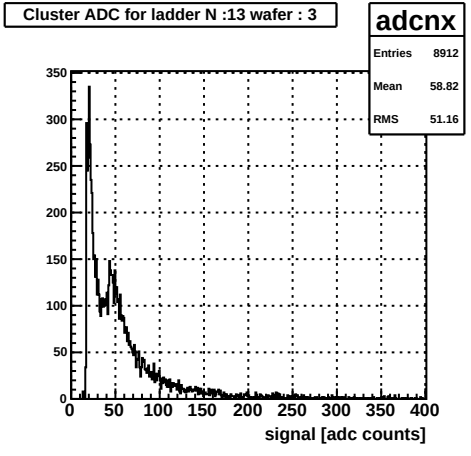

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 26922
Mean 42.46
RMS 42.88
signal [adc counts]

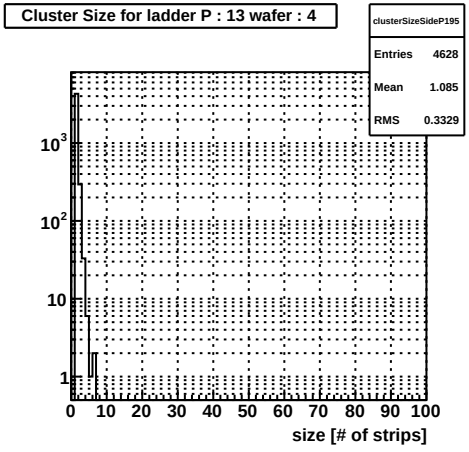

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 7438
Mean 1.154
RMS 0.4683
size [# of strips]

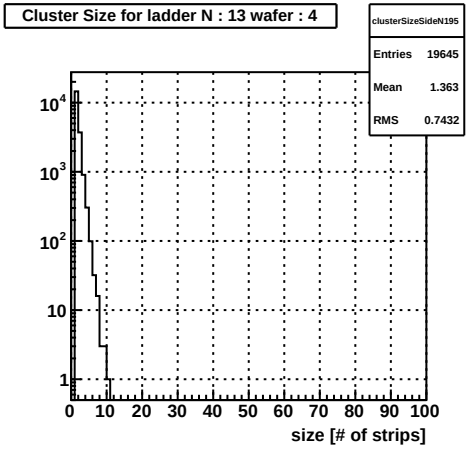

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 8912
Mean 1.443
RMS 0.7633
size [# of strips]

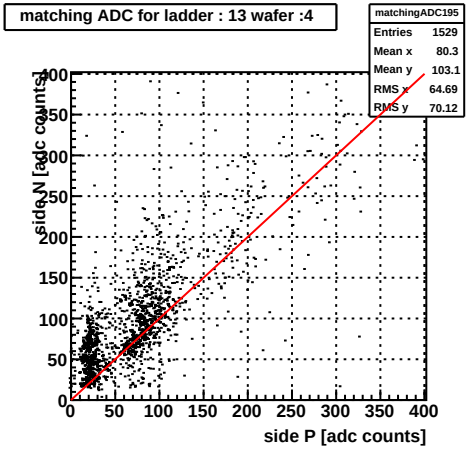

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 1014
Mean x 54.41
Mean y 93.3
RMS x 50.99
RMS y 76.13
side N [adc counts]
side P [adc counts]

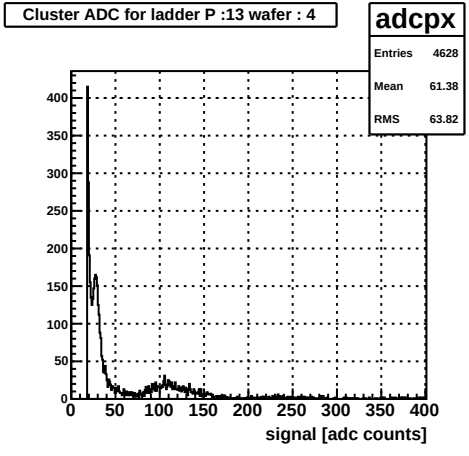

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 7438
Mean 47.12
RMS 41.63
signal [adc counts]

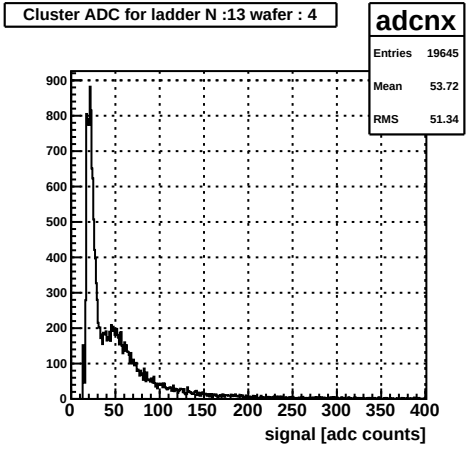

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 8912
Mean 58.82
RMS 51.16
signal [adc counts]

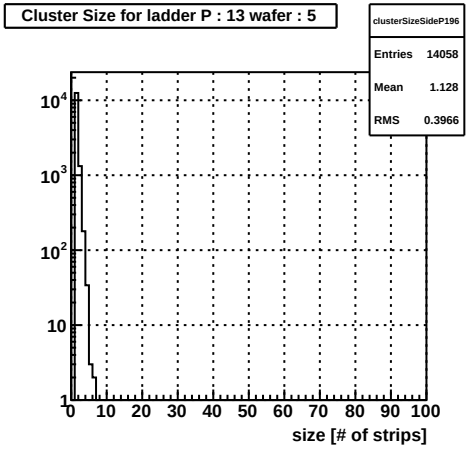

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 4628
Mean 1.085
RMS 0.3329
size [# of strips]

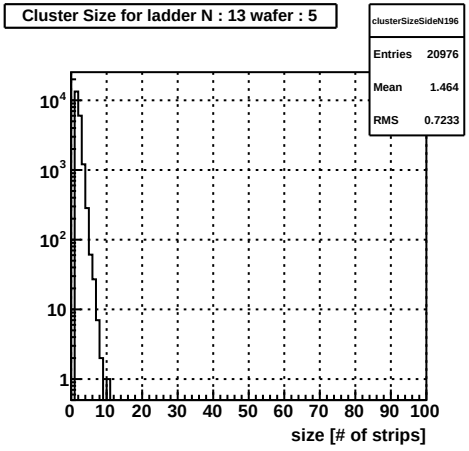

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 19645
Mean 1.363
RMS 0.7432
size [# of strips]

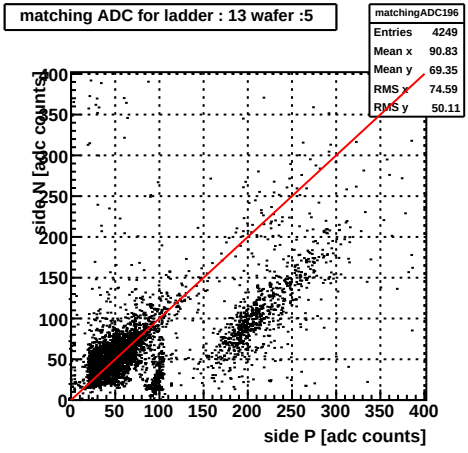

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 1529
Mean x 80.3
Mean y 103.1
RMS x 64.69
RMS y 70.12
side N [adc counts]
side P [adc counts]

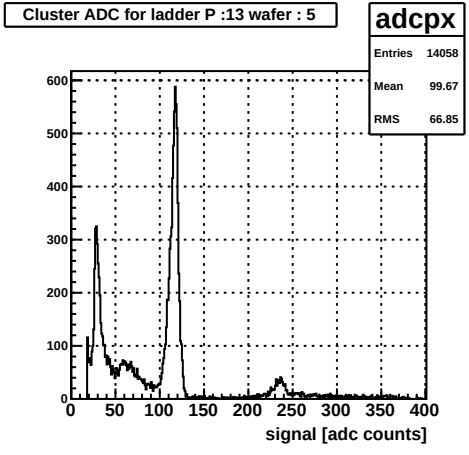

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 4628
Mean 61.38
RMS 63.82
signal [adc counts]

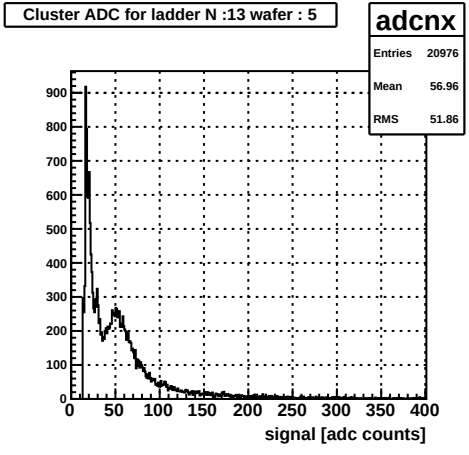

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 19645
Mean 53.72
RMS 51.34
signal [adc counts]

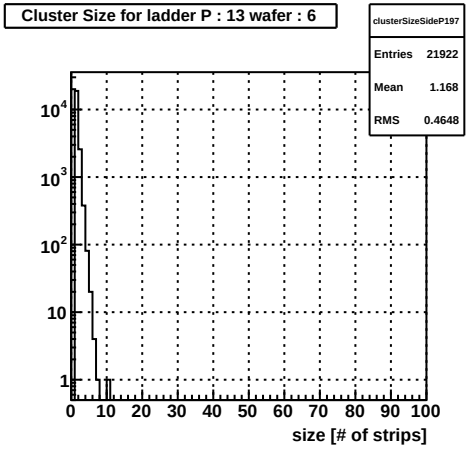

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 14058
Mean 1.128
RMS 0.3966
size [# of strips]

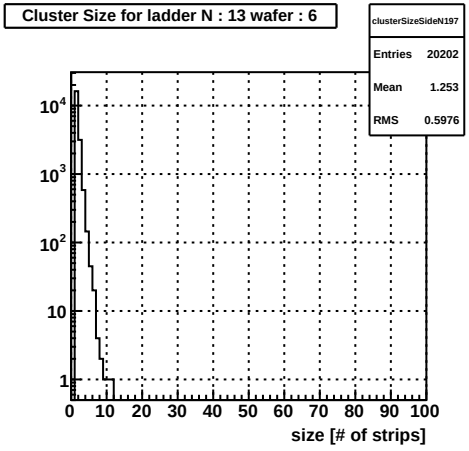

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 20976
Mean 1.464
RMS 0.7233
size [# of strips]

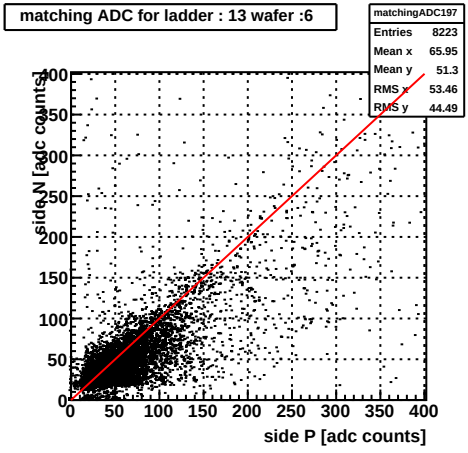

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 4249
Mean x 90.83
Mean y 69.35
RMS x 74.59
RMS y 50.11
side N [adc counts]
side P [adc counts]

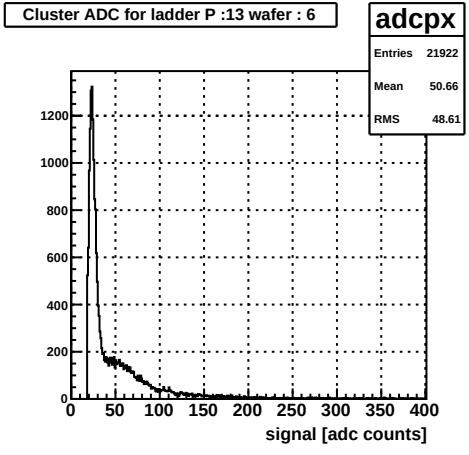

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 14058
Mean 99.67
RMS 66.85
signal [adc counts]

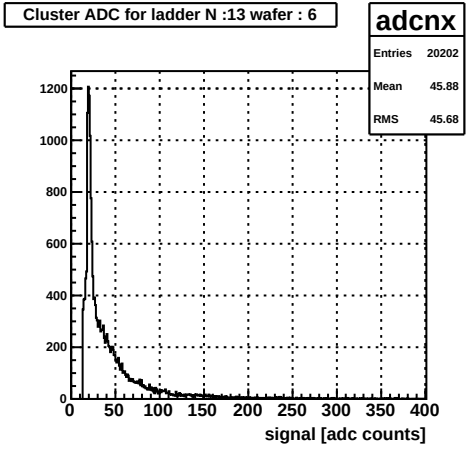

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 20976
Mean 56.96
RMS 51.86
signal [adc counts]

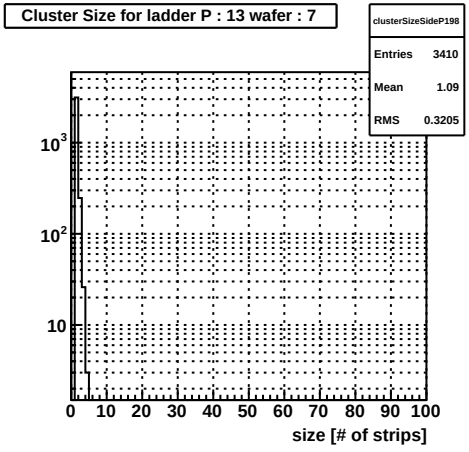

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 21922
Mean 1.168
RMS 0.4648
size [# of strips]

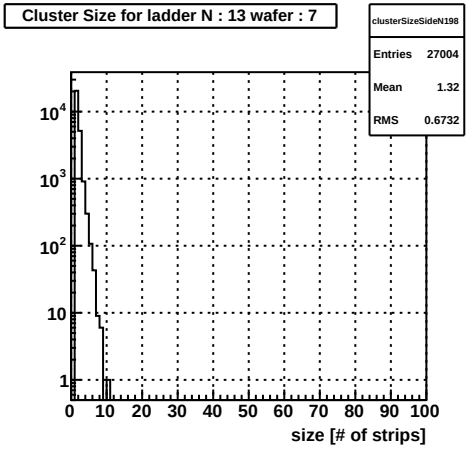

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 20202
Mean 1.253
RMS 0.5976
size [# of strips]

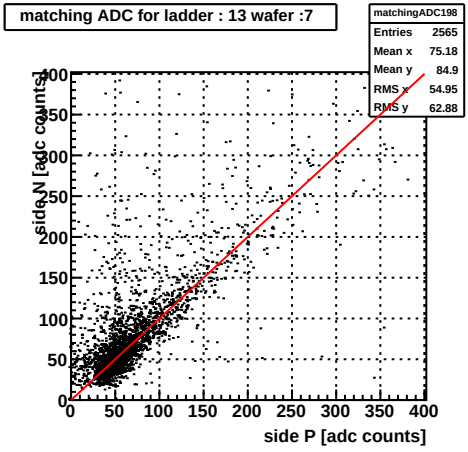

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 8223
Mean x 65.95
Mean y 51.3
RMS x 53.46
RMS y 44.49
side N [adc counts]
side P [adc counts]

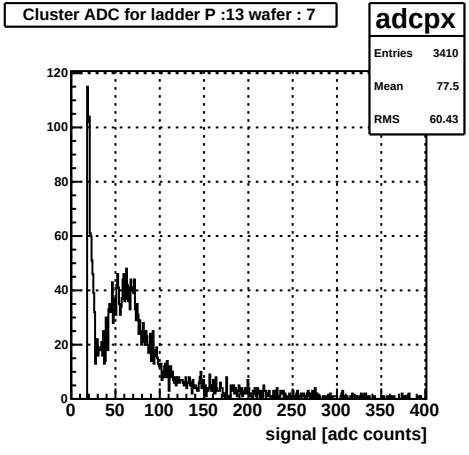

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 21922
Mean 50.66
RMS 48.61
signal [adc counts]

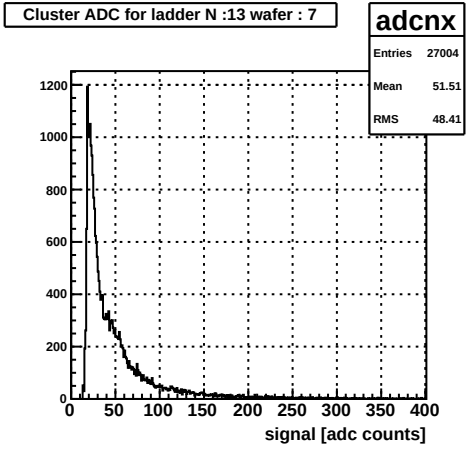

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 20202
Mean 45.88
RMS 45.68
signal [adc counts]

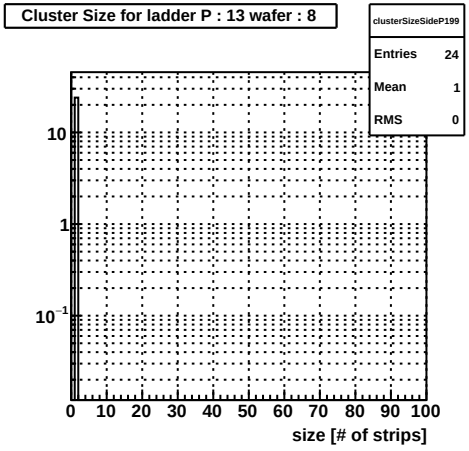

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 3410
Mean 1.09
RMS 0.3205
size [# of strips]

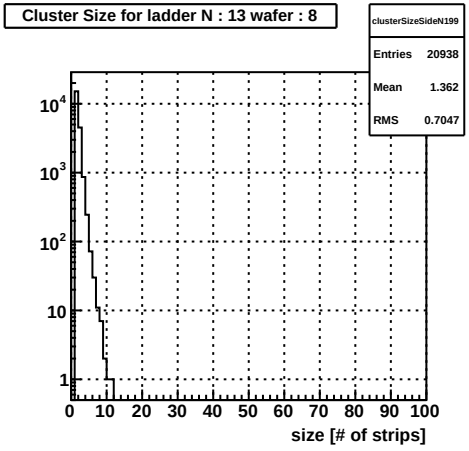

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 27004
Mean 1.32
RMS 0.6732
size [# of strips]

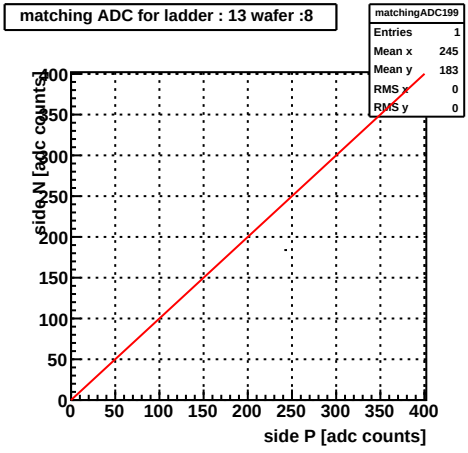

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 2565
Mean x 75.18
Mean y 84.9
RMS x 54.95
RMS y 62.88
side N [adc counts]
side P [adc counts]

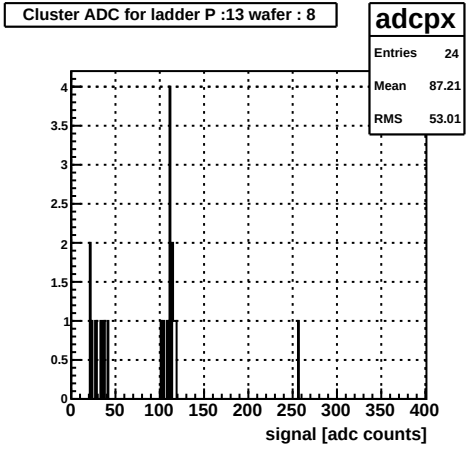

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 3410
Mean 77.5
RMS 60.43
signal [adc counts]

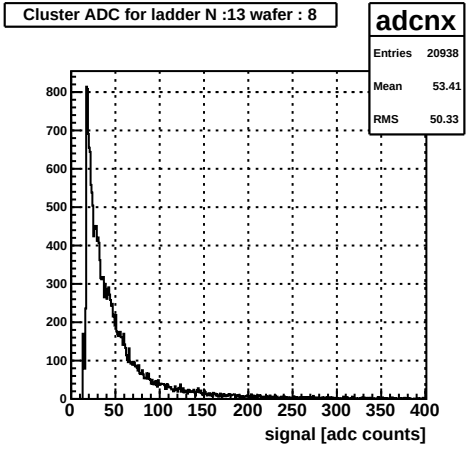

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 27004
Mean 51.51
RMS 48.41
signal [adc counts]

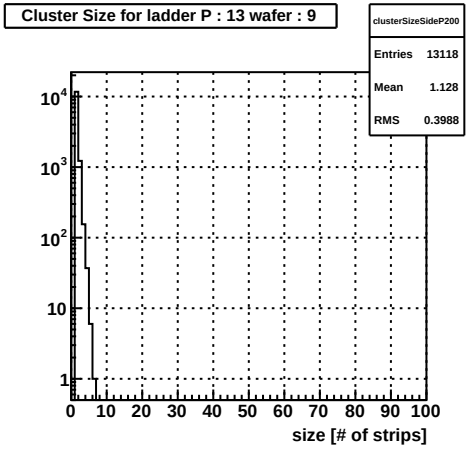

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 24
Mean 1
RMS 0
size [# of strips]

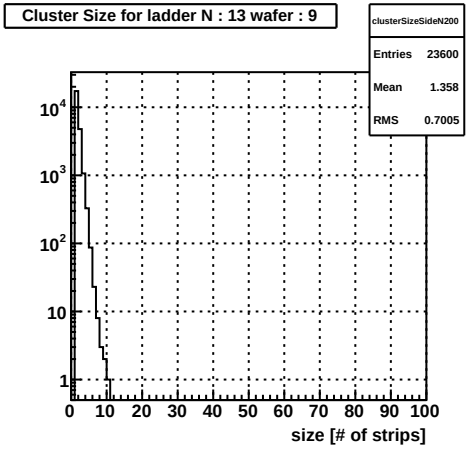

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 20938
Mean 1.362
RMS 0.7047
size [# of strips]

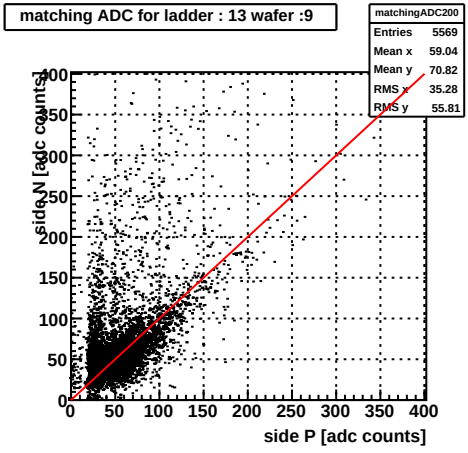

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 1
Mean x 245
Mean y 183
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

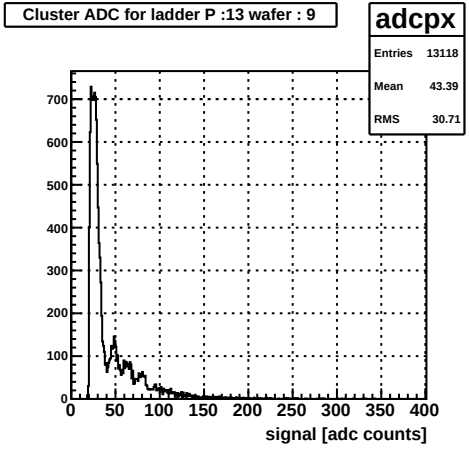

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 24
Mean 87.21
RMS 53.01
signal [adc counts]

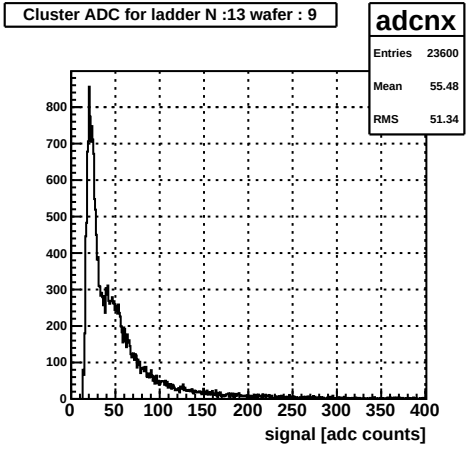

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 20938
Mean 53.41
RMS 50.33
signal [adc counts]

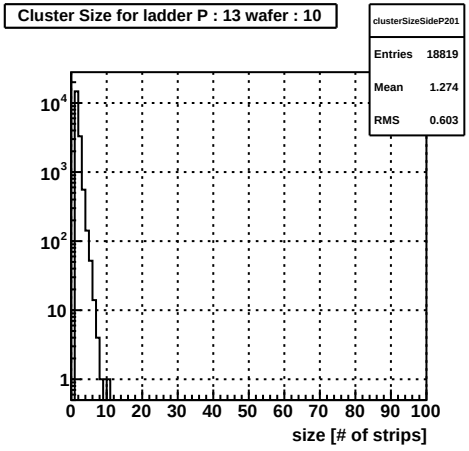

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 13118
Mean 1.128
RMS 0.3988
size [# of strips]

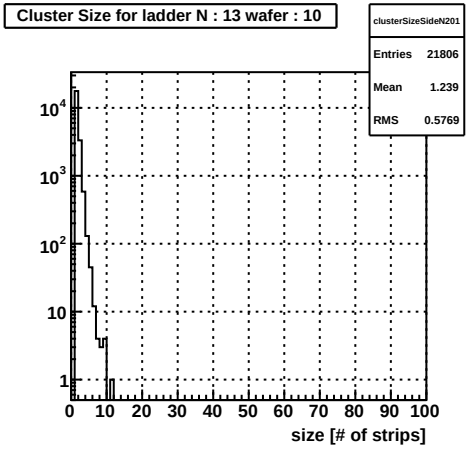

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 23600
Mean 1.358
RMS 0.7005
size [# of strips]

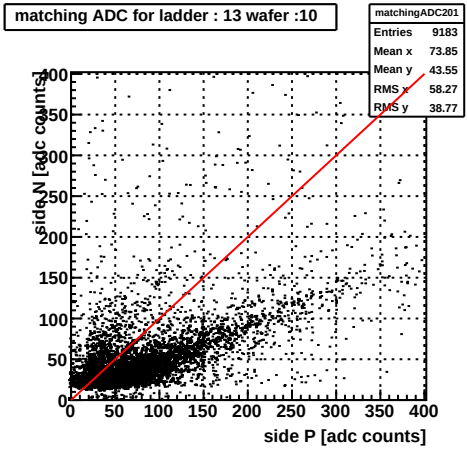

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 5569
Mean x 59.04
Mean y 70.82
RMS x 35.28
RMS y 55.81
side N [adc counts]
side P [adc counts]

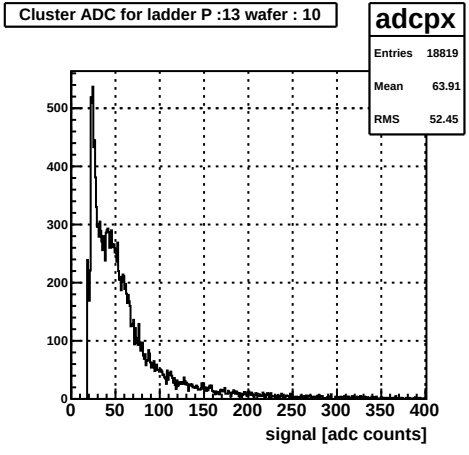

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 13118
Mean 43.39
RMS 30.71
signal [adc counts]

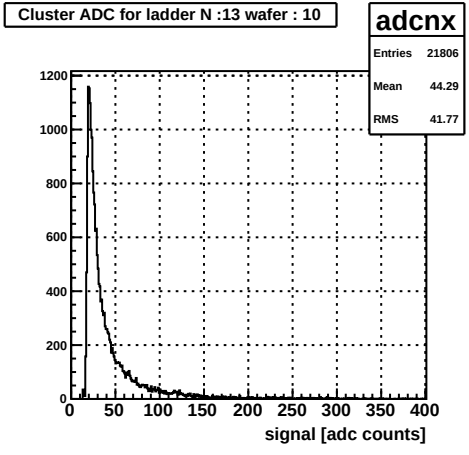

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 23600
Mean 55.48
RMS 51.34
signal [adc counts]

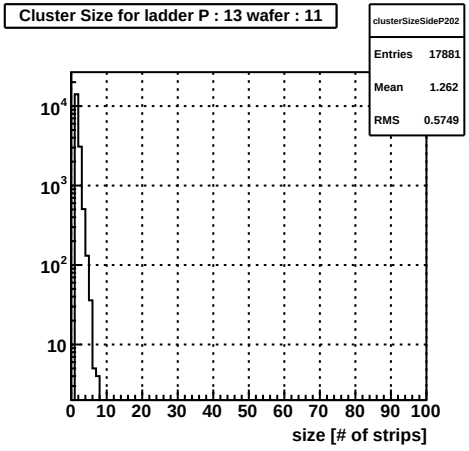

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 18819
Mean 1.274
RMS 0.603
size [# of strips]

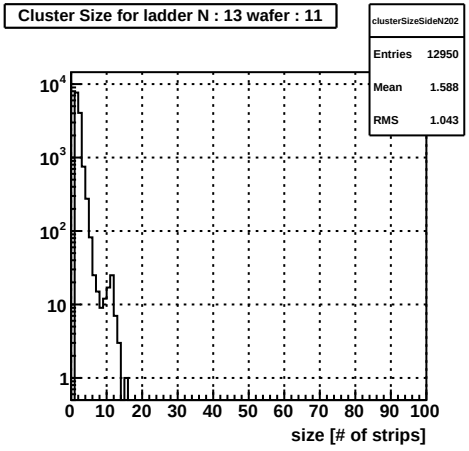

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 21806
Mean 1.239
RMS 0.5769
size [# of strips]

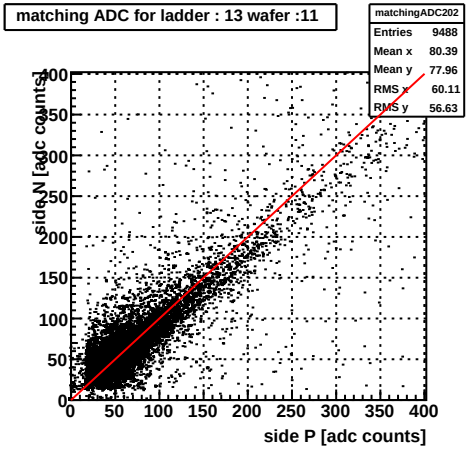

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 9183
Mean x 73.85
Mean y 43.55
RMS x 58.27
RMS y 38.77
side N [adc counts]
side P [adc counts]

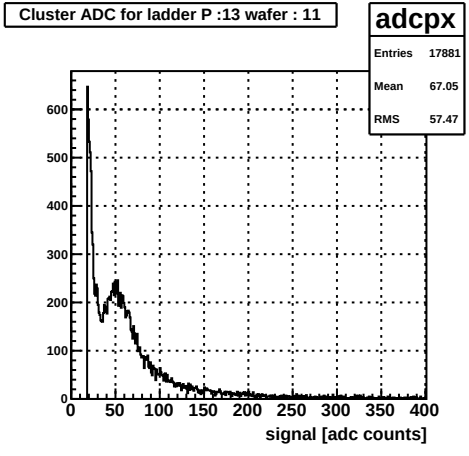

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 18819
Mean 63.91
RMS 52.45
signal [adc counts]

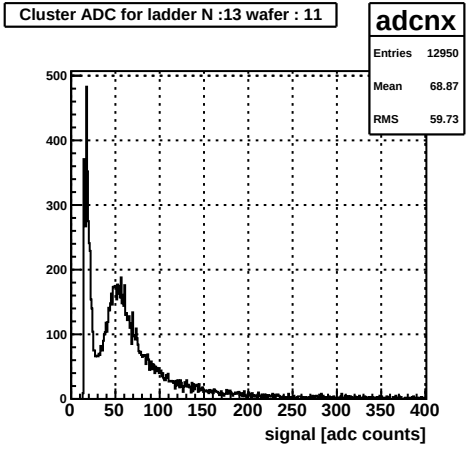

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 21806
Mean 44.29
RMS 41.77
signal [adc counts]

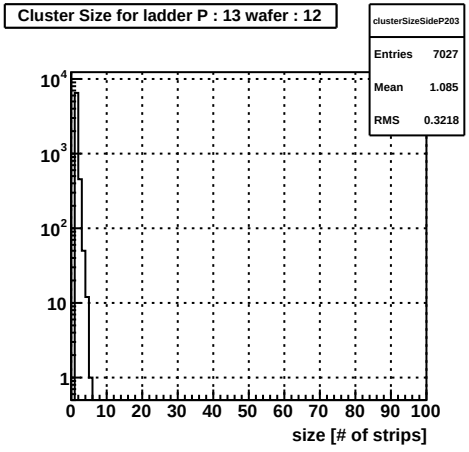

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 17881
Mean 1.262
RMS 0.5749
size [# of strips]

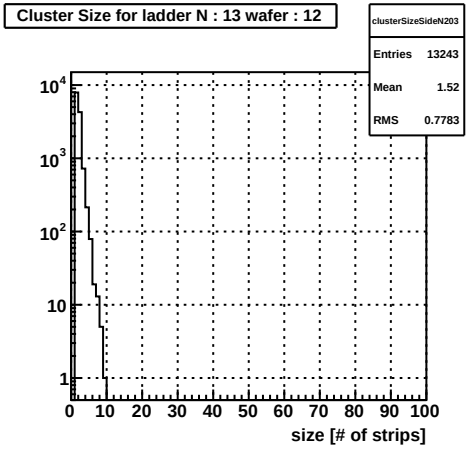

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 12950
Mean 1.588
RMS 1.043
size [# of strips]

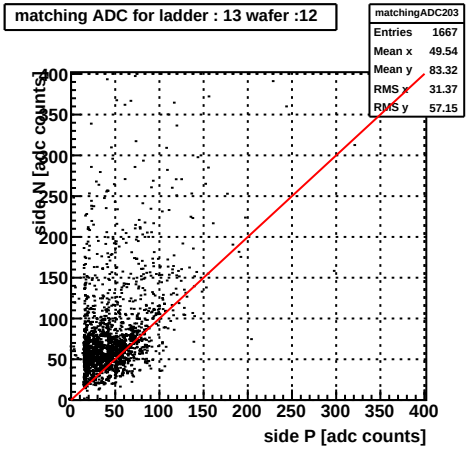

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 9488
Mean x 80.39
Mean y 77.96
RMS x 60.11
RMS y 56.63
side N [adc counts]
side P [adc counts]

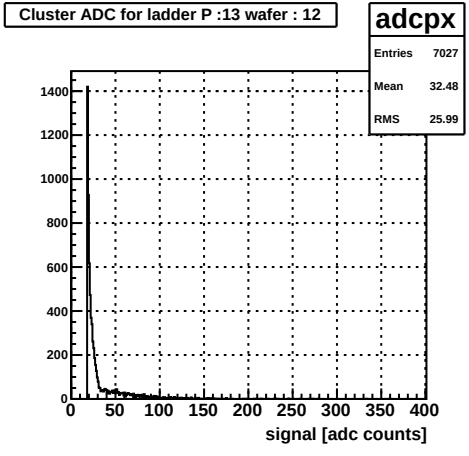

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 17881
Mean 67.05
RMS 57.47
signal [adc counts]

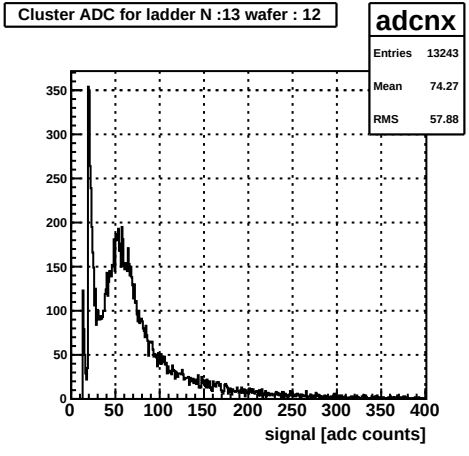

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 12950
Mean 68.87
RMS 59.73
signal [adc counts]

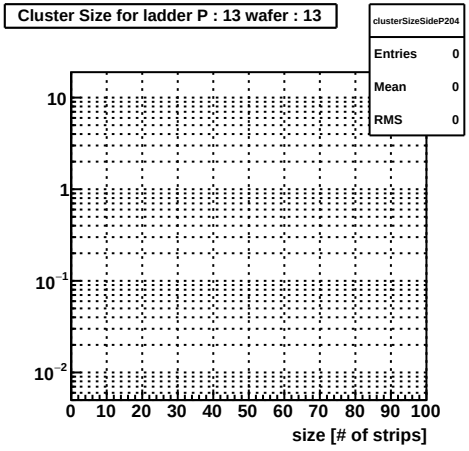

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 7027
Mean 1.085
RMS 0.3218
size [# of strips]

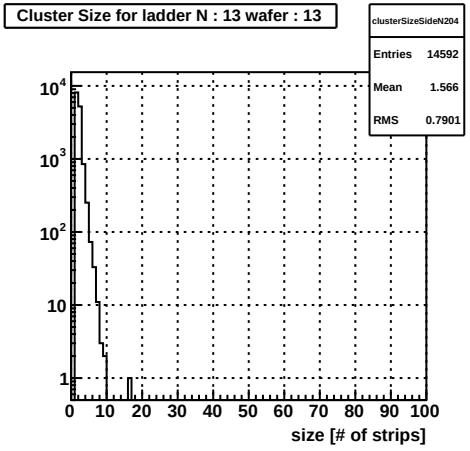

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 13243
Mean 1.52
RMS 0.7783
size [# of strips]

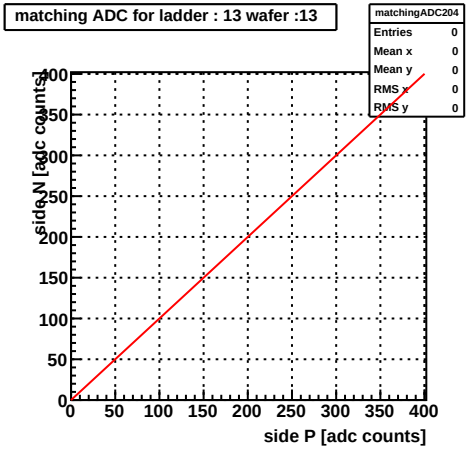

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1667
Mean x 49.54
Mean y 83.32
RMS x 31.37
RMS y 57.15
side N [adc counts]
side P [adc counts]

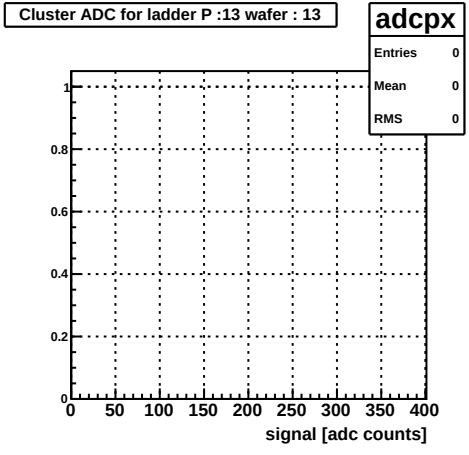

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 7027
Mean 32.48
RMS 25.99
signal [adc counts]

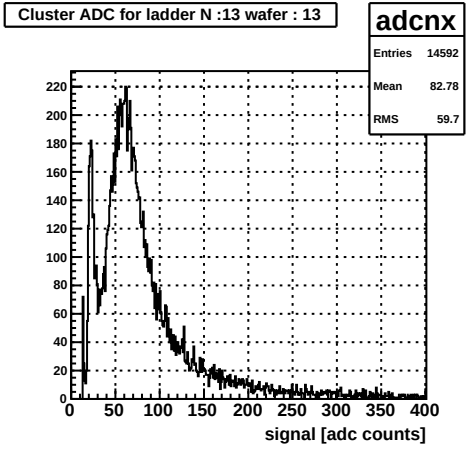

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 13243
Mean 74.27
RMS 57.88
signal [adc counts]

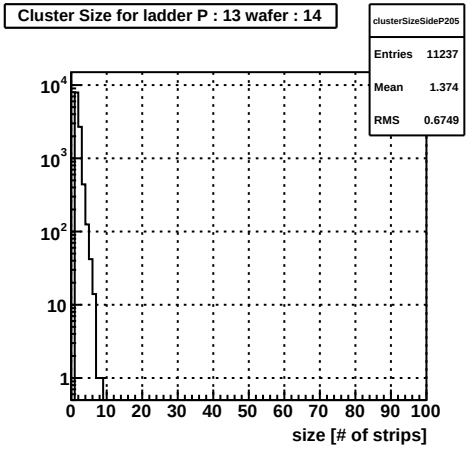

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 0
Mean 0
RMS 0
size [# of strips]

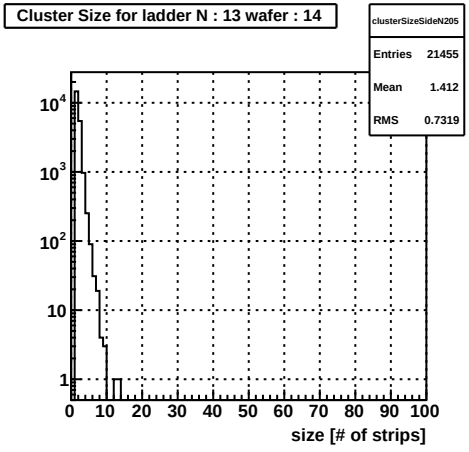

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 14592
Mean 1.566
RMS 0.7901
size [# of strips]

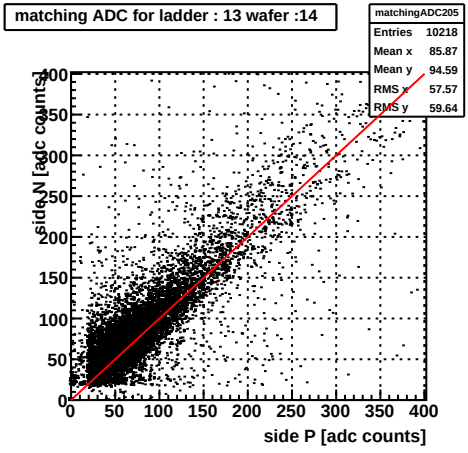

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

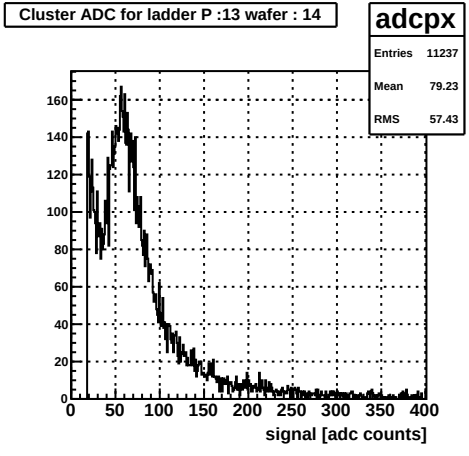

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

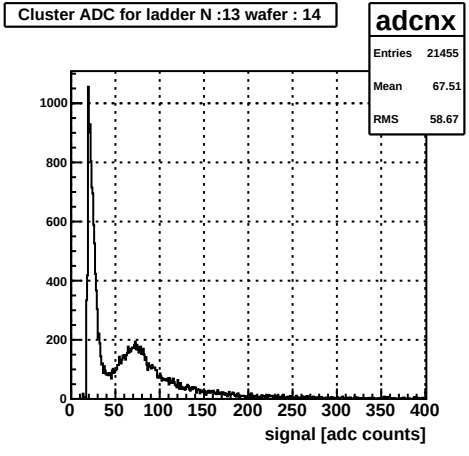

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 14592
Mean 82.78
RMS 59.7
signal [adc counts]

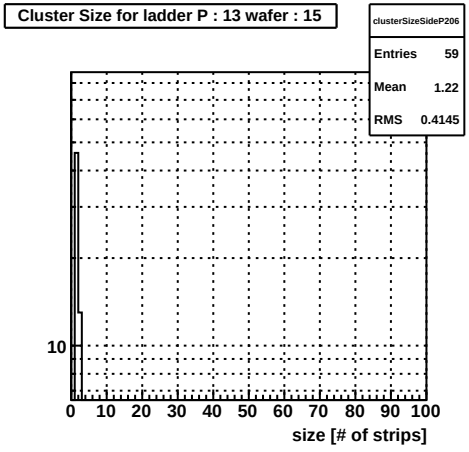

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 11237
Mean 1.374
RMS 0.6749
size [# of strips]

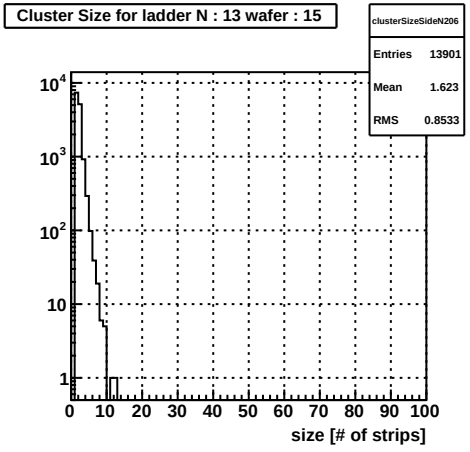

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 21455
Mean 1.412
RMS 0.7319
size [# of strips]

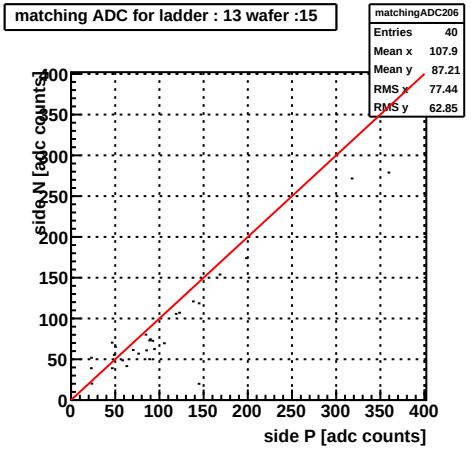

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 10218
Mean x 85.87
Mean y 94.59
RMS x 57.57
RMS y 59.64
side N [adc counts]
side P [adc counts]

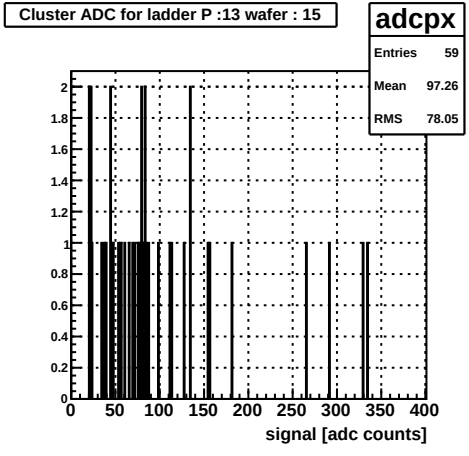

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 11237
Mean 79.23
RMS 57.43
signal [adc counts]

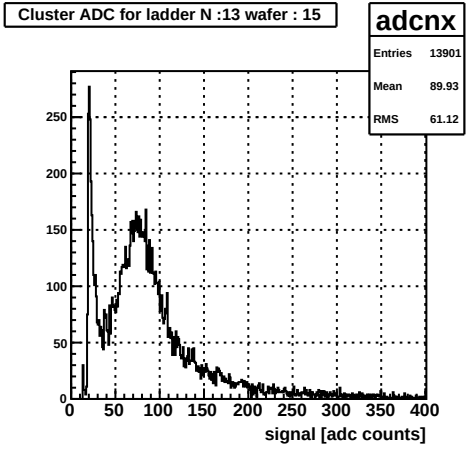

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 21455
Mean 67.51
RMS 58.67
signal [adc counts]

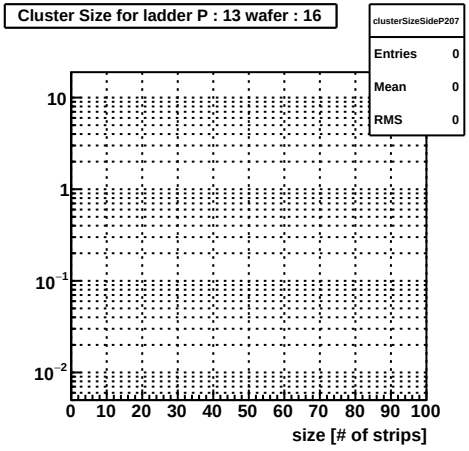

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 59
Mean 1.22
RMS 0.4145
size [# of strips]

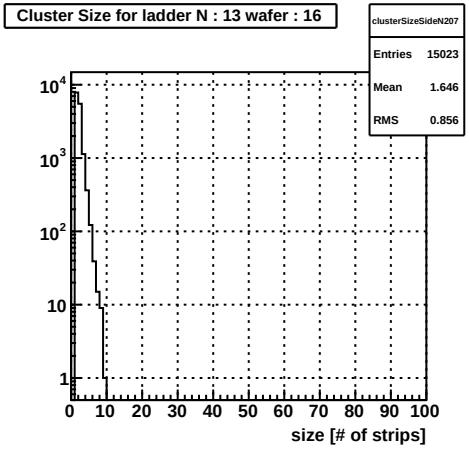

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 13901
Mean 1.623
RMS 0.8533
size [# of strips]

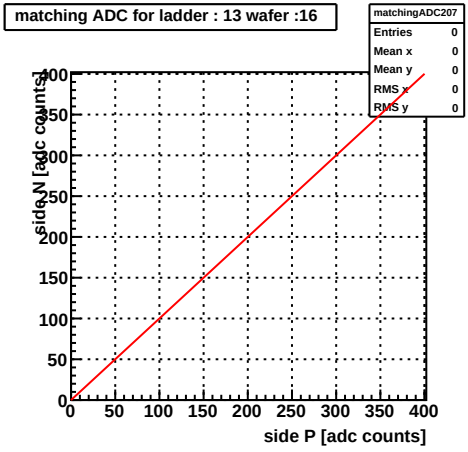

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 40
Mean x 107.9
Mean y 87.21
RMS x 77.44
RMS y 62.85
side N [adc counts]
side P [adc counts]

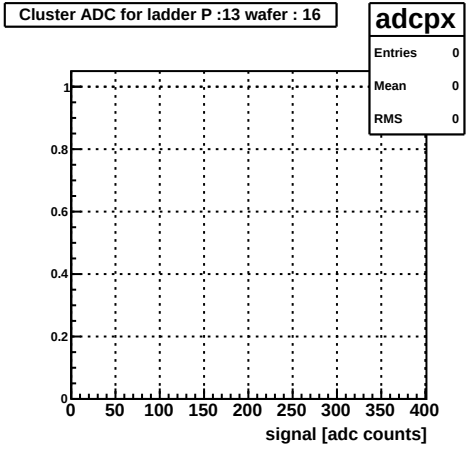

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 59
Mean 97.26
RMS 78.05
signal [adc counts]

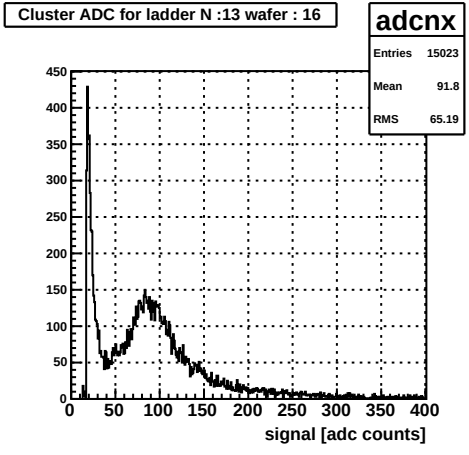

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 13901
Mean 89.93
RMS 61.12
signal [adc counts]

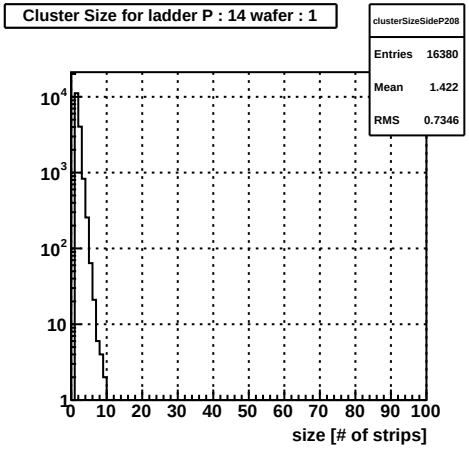

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 0
Mean 0
RMS 0
size [# of strips]

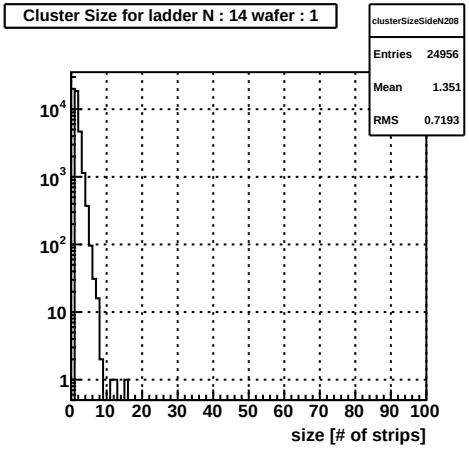

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 15023
Mean 1.646
RMS 0.856
size [# of strips]

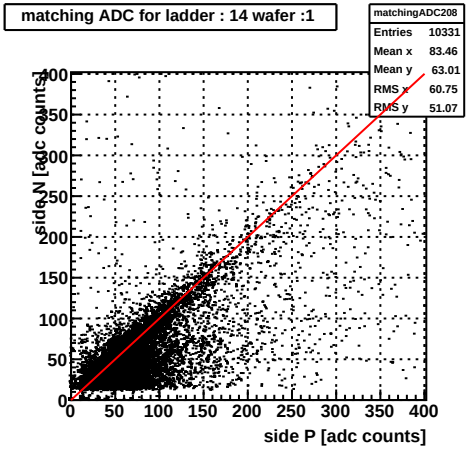

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

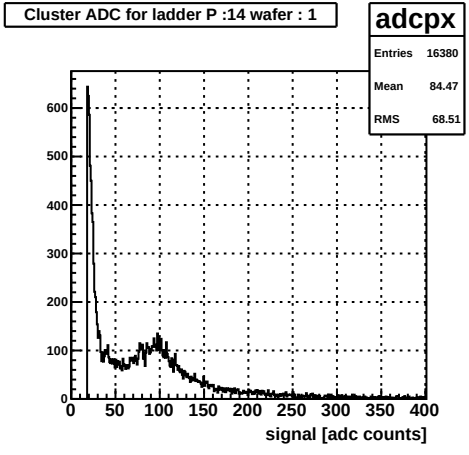

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

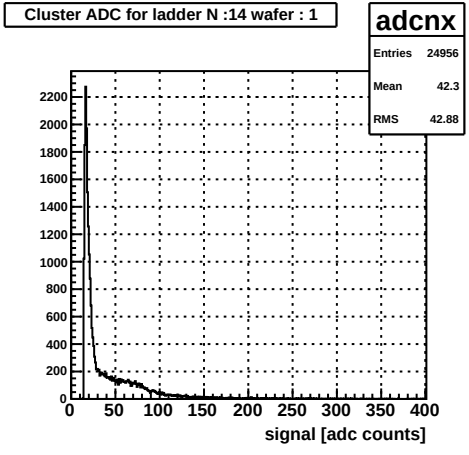

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 15023
Mean 91.8
RMS 65.19
signal [adc counts]

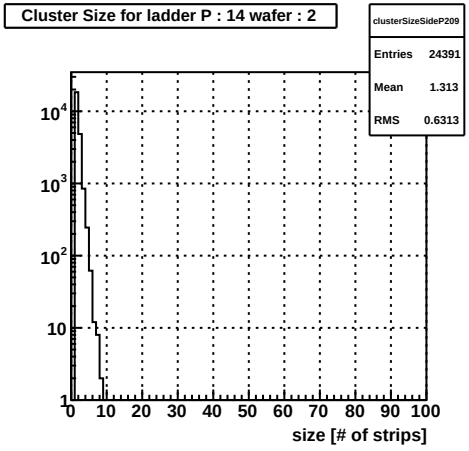

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 16380
Mean 1.422
RMS 0.7346
size [# of strips]

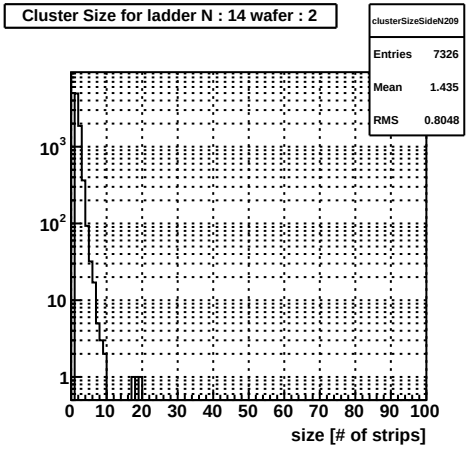

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 24956
Mean 1.351
RMS 0.7193
size [# of strips]

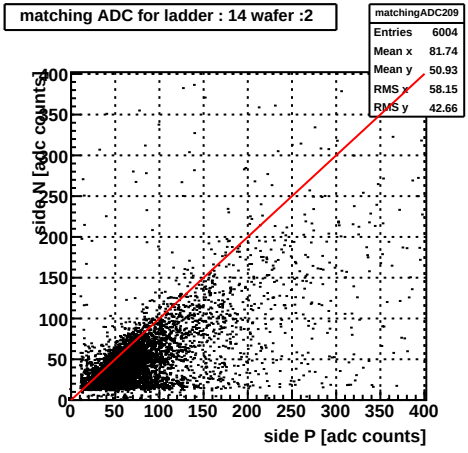

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 10331
Mean x 83.46
Mean y 63.01
RMS x 60.75
RMS y 51.07
side N [adc counts]
side P [adc counts]

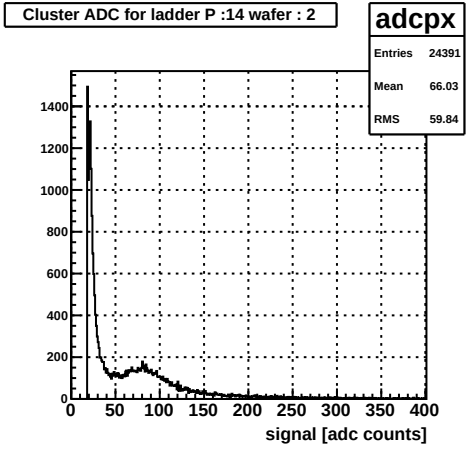

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 16380
Mean 84.47
RMS 68.51
signal [adc counts]

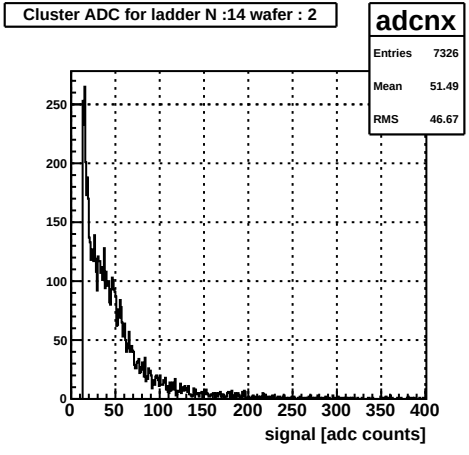

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 24956
Mean 42.3
RMS 42.88
signal [adc counts]

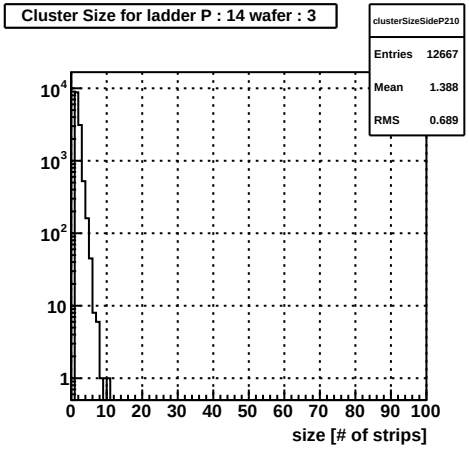

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 24391
Mean 1.313
RMS 0.6313
size [# of strips]

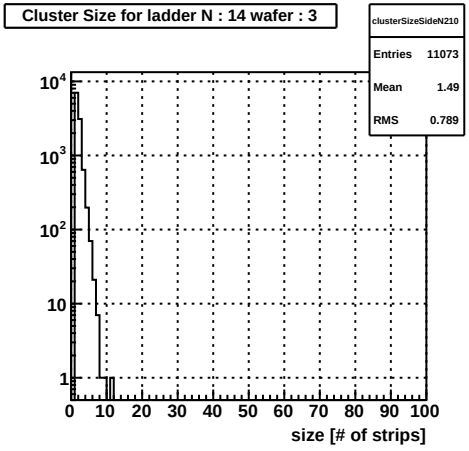

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 7326
Mean 1.435
RMS 0.8048
size [# of strips]

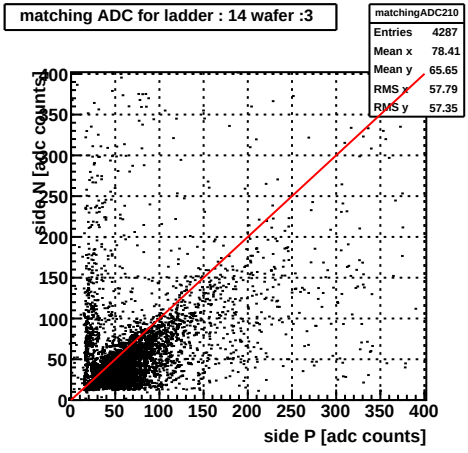

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 6004
Mean x 81.74
Mean y 50.93
RMS x 58.15
RMS y 42.66
side N [adc counts]
side P [adc counts]

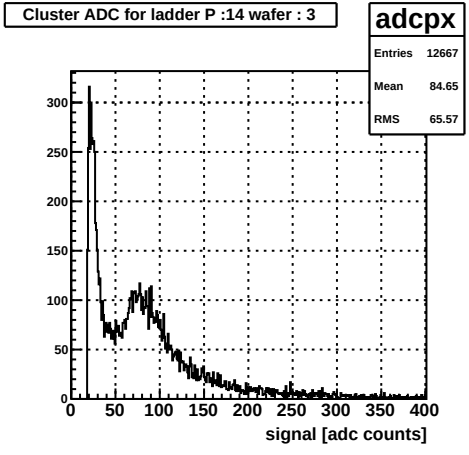

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 24391
Mean 66.03
RMS 59.84
signal [adc counts]

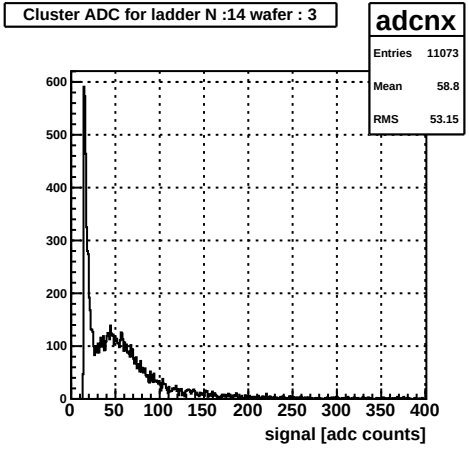

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 7326
Mean 51.49
RMS 46.67
signal [adc counts]

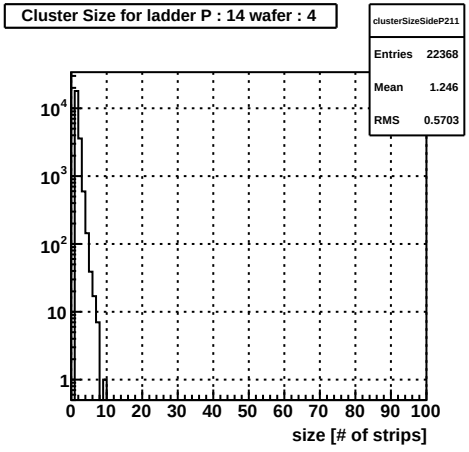

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 12667
Mean 1.388
RMS 0.689
size [# of strips]

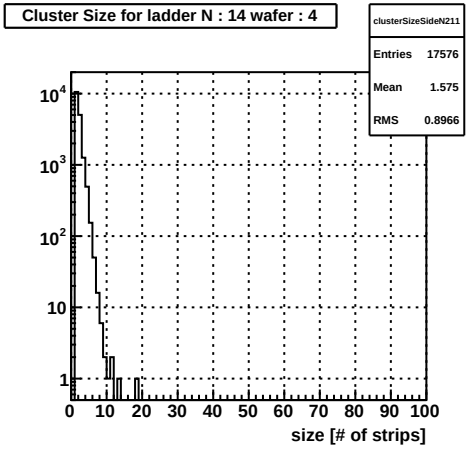

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 11073
Mean 1.49
RMS 0.789
size [# of strips]

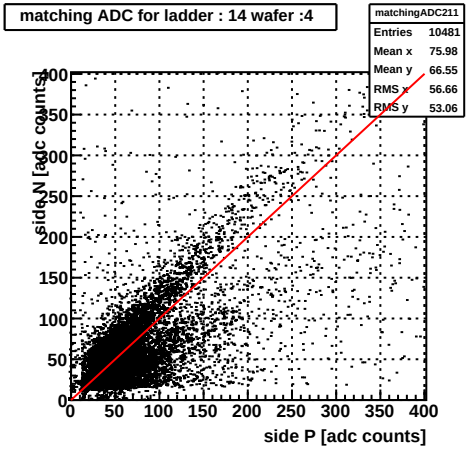

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4287
Mean x 78.41
Mean y 65.65
RMS x 57.79
RMS y 57.35
side N [adc counts]
side P [adc counts]

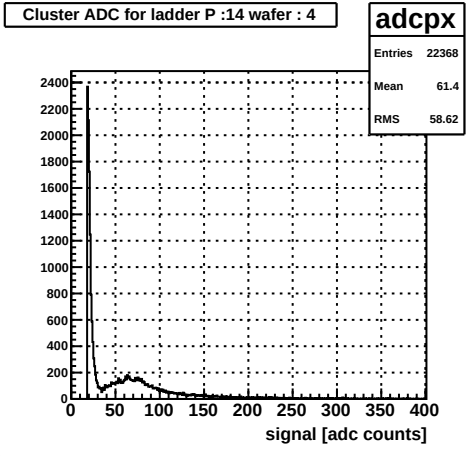

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 12667
Mean 84.65
RMS 65.57
signal [adc counts]

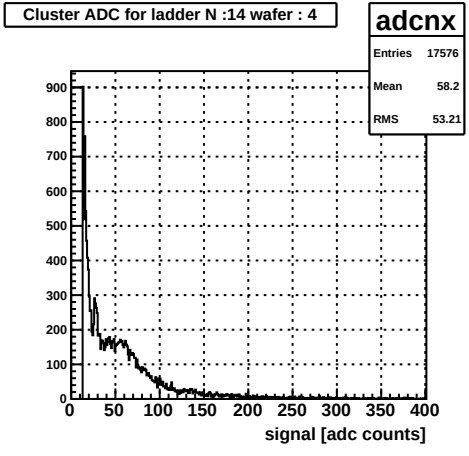

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 11073
Mean 58.8
RMS 53.15
signal [adc counts]

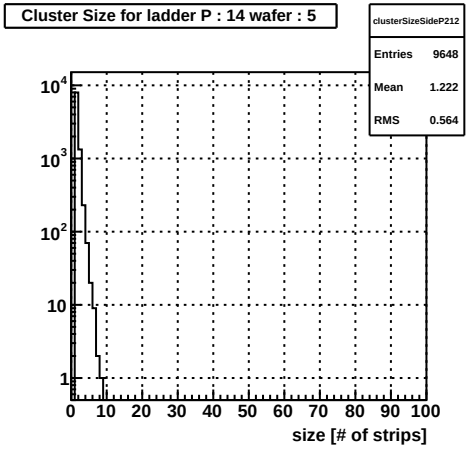

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 22368
Mean 1.246
RMS 0.5703
size [# of strips]

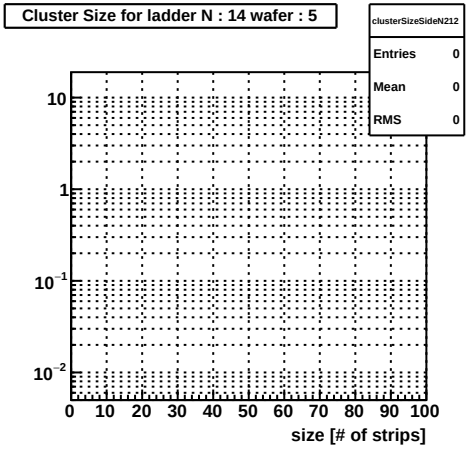

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 17576
Mean 1.575
RMS 0.8966
size [# of strips]

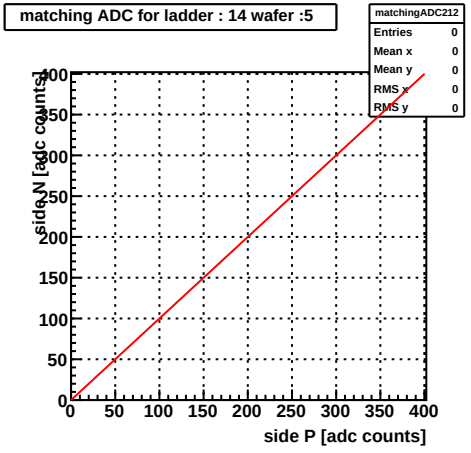

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 10481
Mean x 75.98
Mean y 66.55
RMS x 56.66
RMS y 53.06
side N [adc counts]
side P [adc counts]

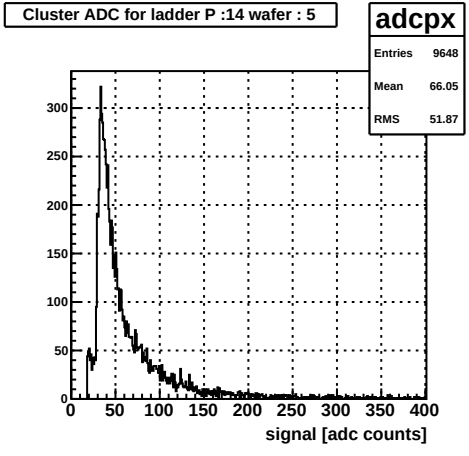

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 22368
Mean 61.4
RMS 58.62
signal [adc counts]

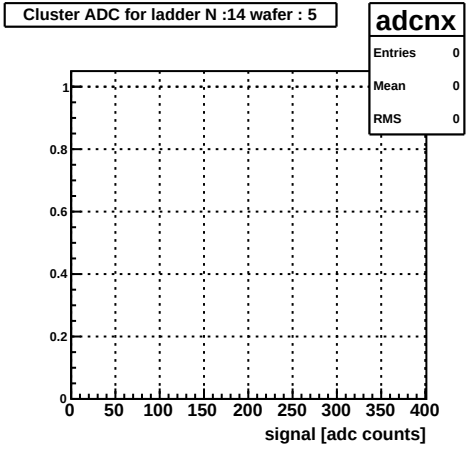

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 17576
Mean 58.2
RMS 53.21
signal [adc counts]

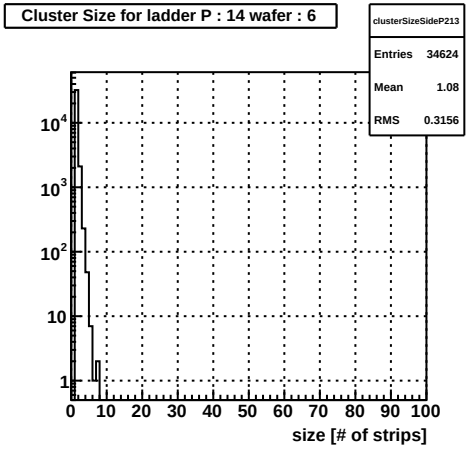

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 9648
Mean 1.222
RMS 0.564
size [# of strips]

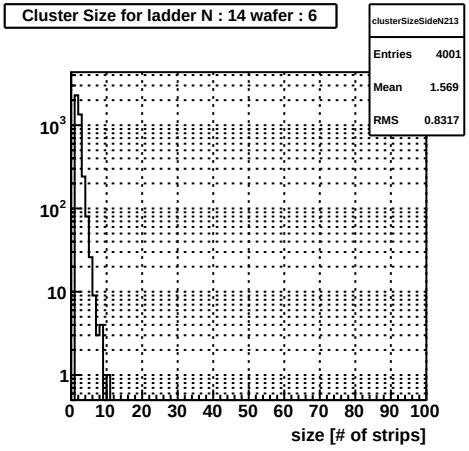

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

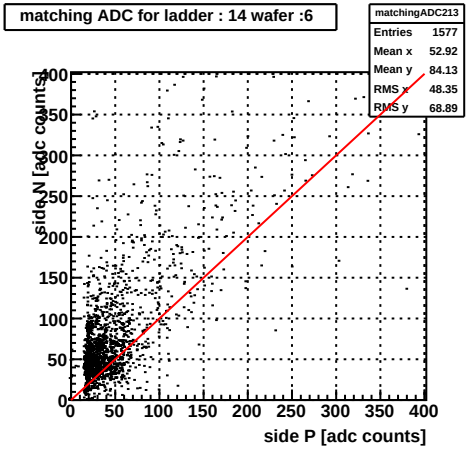

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

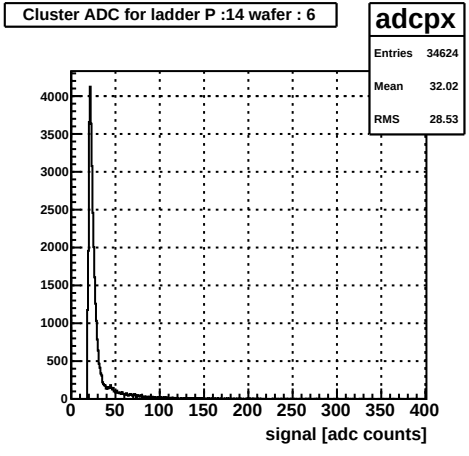

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 9648
Mean 66.05
RMS 51.87
signal [adc counts]

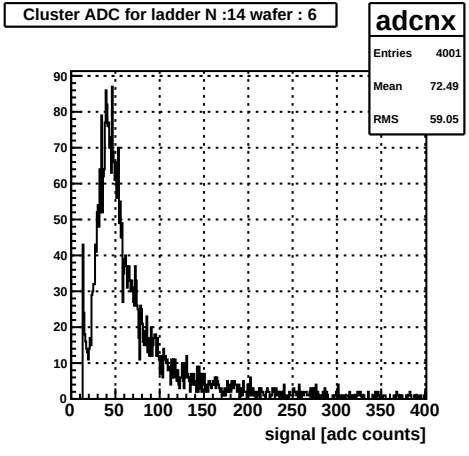

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

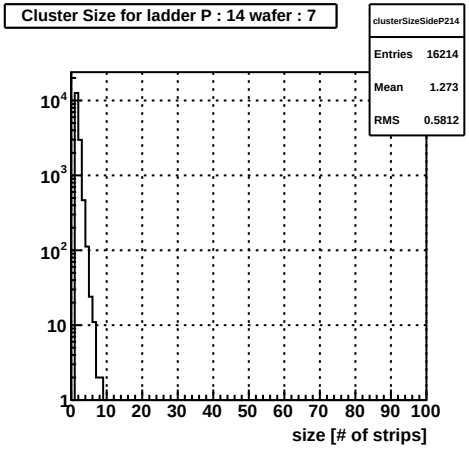

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 34624
Mean 1.08
RMS 0.3156
size [# of strips]

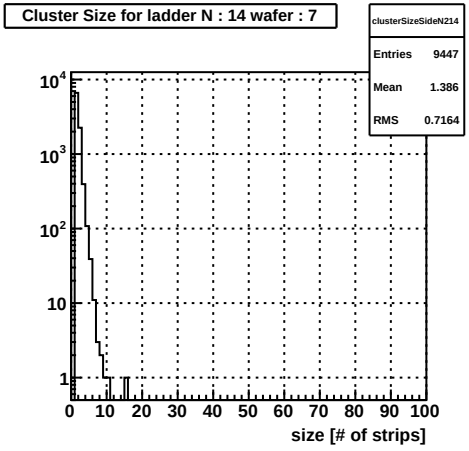

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 4001
Mean 1.569
RMS 0.8317
size [# of strips]

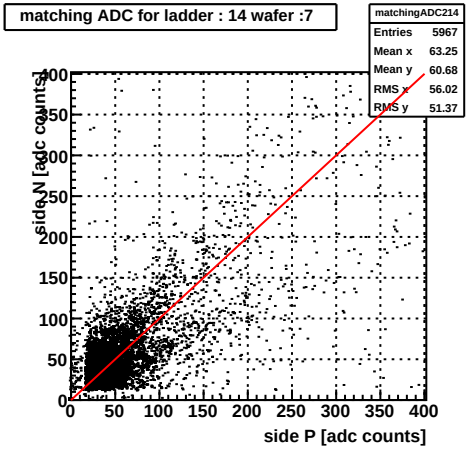

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1577
Mean x 52.92
Mean y 84.13
RMS x 48.35
RMS y 68.89
side N [adc counts]
side P [adc counts]

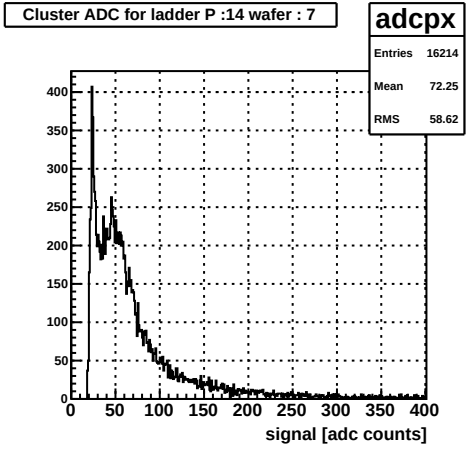

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 34624
Mean 32.02
RMS 28.53
signal [adc counts]

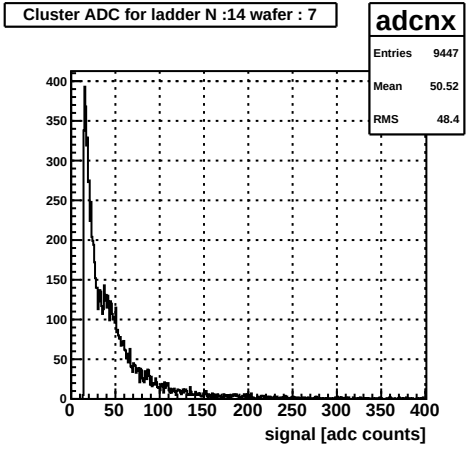

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 4001
Mean 72.49
RMS 59.05
signal [adc counts]

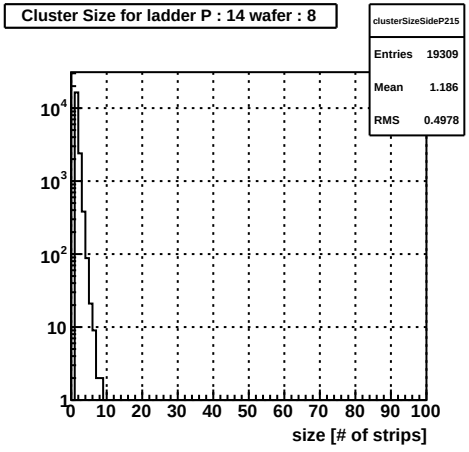

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 16214
Mean 1.273
RMS 0.5812
size [# of strips]

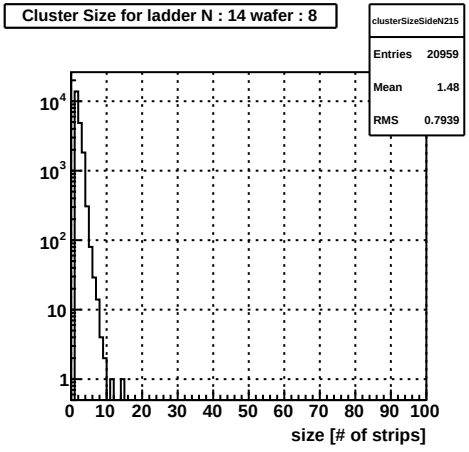

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 9447
Mean 1.386
RMS 0.7164
size [# of strips]

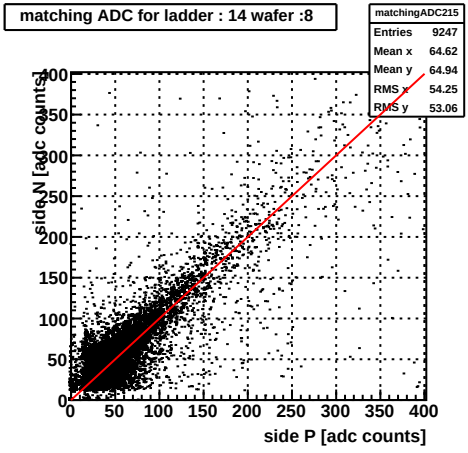

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 5967
Mean x 63.25
Mean y 60.68
RMS x 56.02
RMS y 51.37
side N [adc counts]
side P [adc counts]

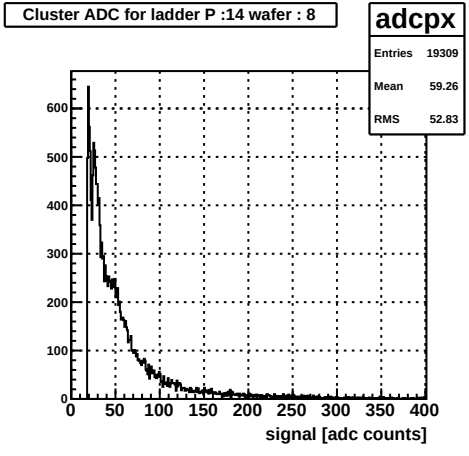

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 16214
Mean 72.25
RMS 58.62
signal [adc counts]

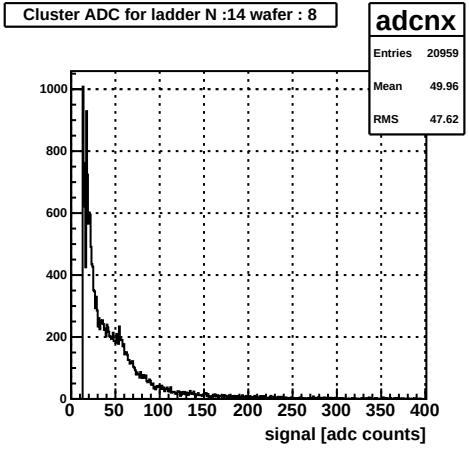

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 9447
Mean 50.52
RMS 48.4
signal [adc counts]

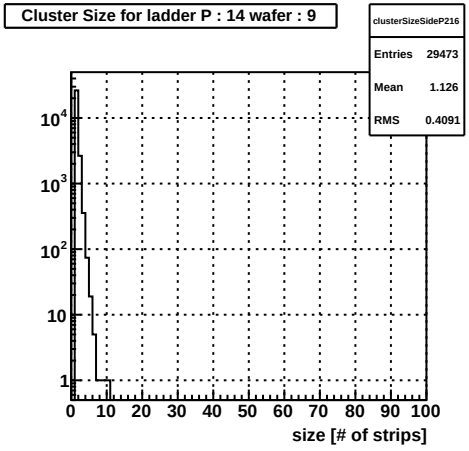

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 19309
Mean 1.186
RMS 0.4978
size [# of strips]

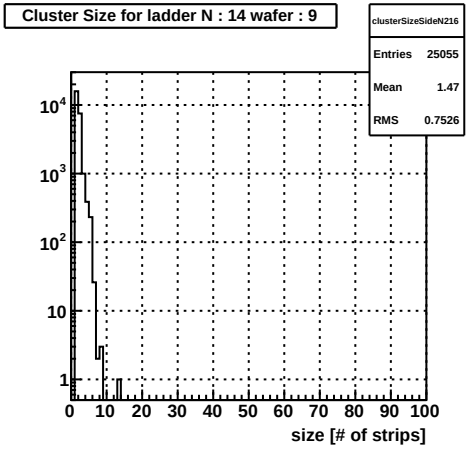

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 20959
Mean 1.48
RMS 0.7939
size [# of strips]

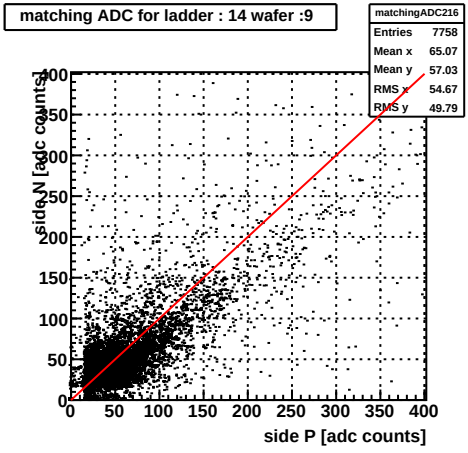

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 9247
Mean x 64.62
Mean y 64.94
RMS x 54.25
RMS y 53.06
side N [adc counts]
side P [adc counts]

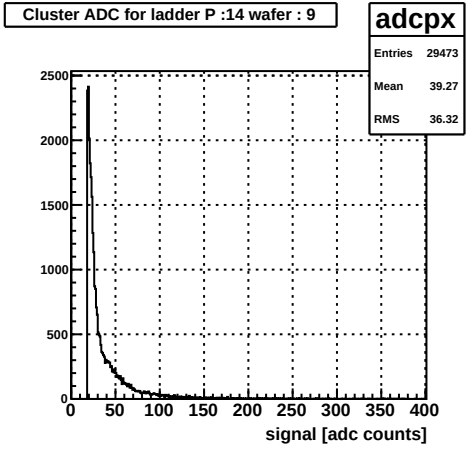

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 19309
Mean 59.26
RMS 52.83
signal [adc counts]

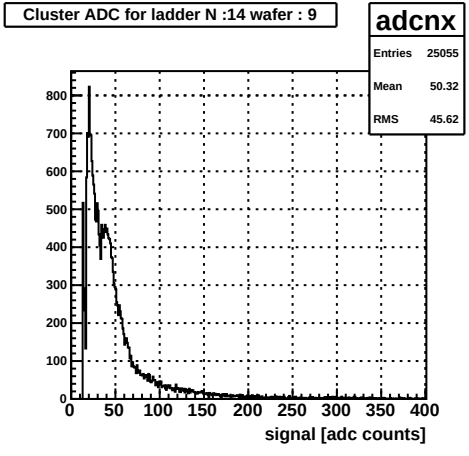

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 20959
Mean 49.96
RMS 47.62
signal [adc counts]

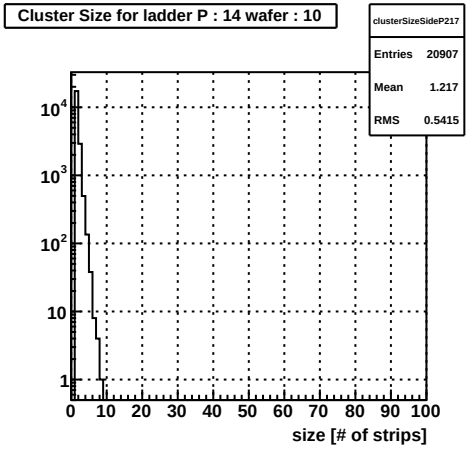

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 29473
Mean 1.126
RMS 0.4091
size [# of strips]

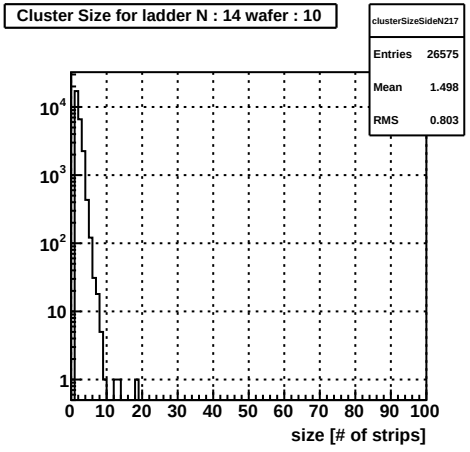

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 25055
Mean 1.47
RMS 0.7526
size [# of strips]

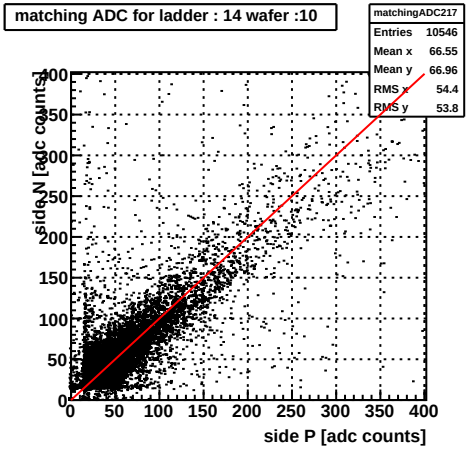

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 7758
Mean x 65.07
Mean y 57.03
RMS x 54.67
RMS y 49.79
side N [adc counts]
side P [adc counts]

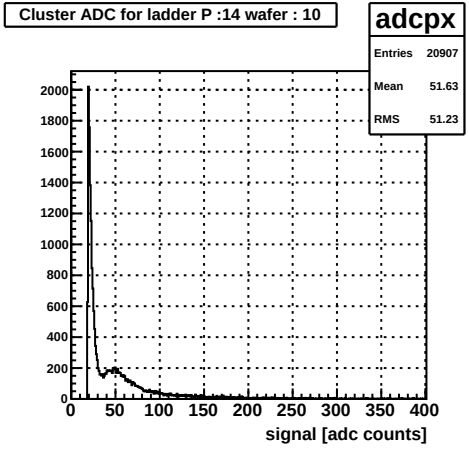

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 29473
Mean 39.27
RMS 36.32
signal [adc counts]

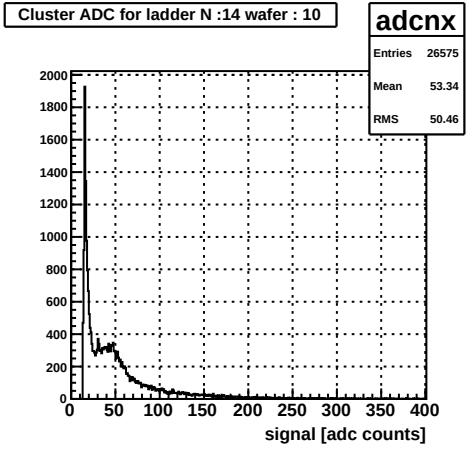

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 25055
Mean 50.32
RMS 45.62
signal [adc counts]

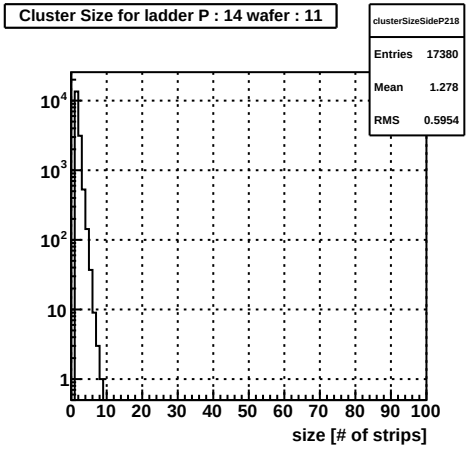

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 20907
Mean 1.217
RMS 0.5415
size [# of strips]

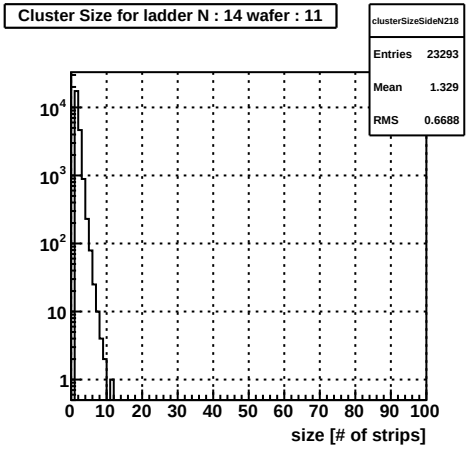

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 26575
Mean 1.498
RMS 0.803
size [# of strips]

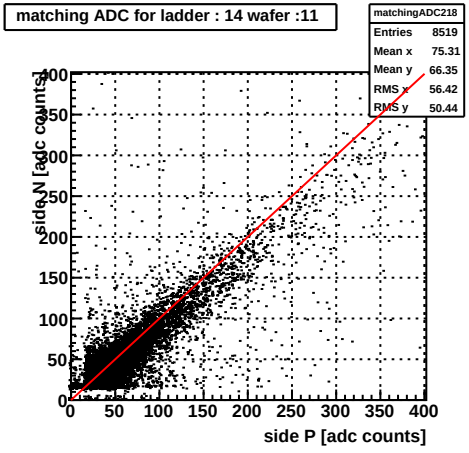

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 10546
Mean x 66.55
Mean y 66.96
RMS x 54.4
RMS y 53.8
side N [adc counts]
side P [adc counts]

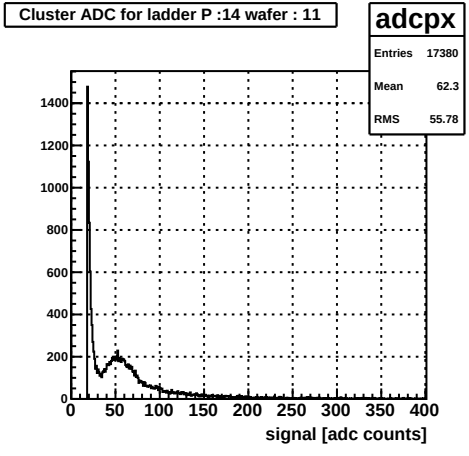

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 20907
Mean 51.63
RMS 51.23
signal [adc counts]

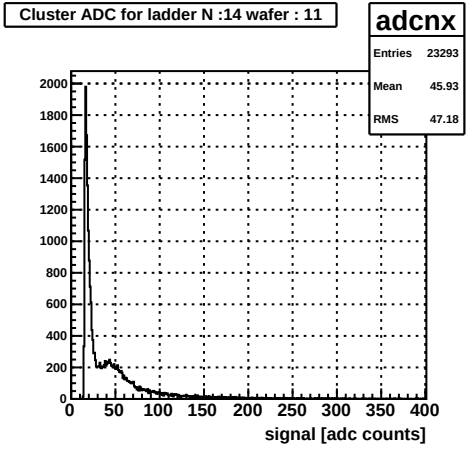

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 26575
Mean 53.34
RMS 50.46
signal [adc counts]

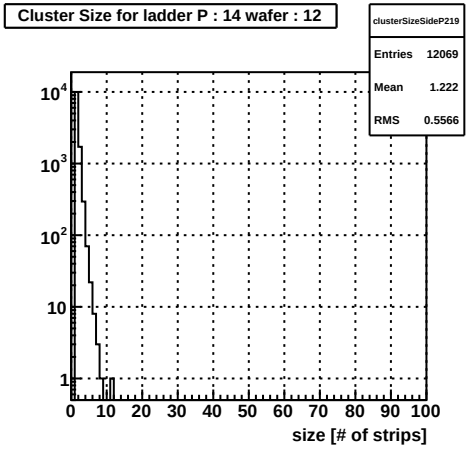

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 17380
Mean 1.278
RMS 0.5954
size [# of strips]

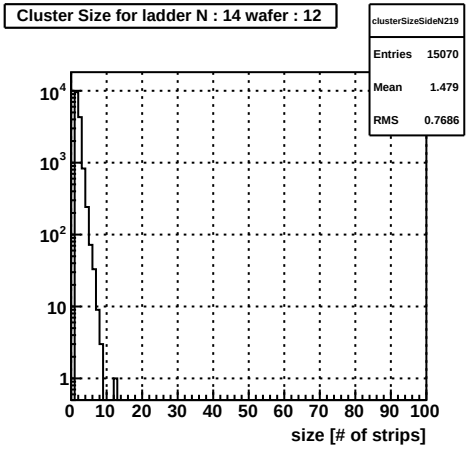

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 23293
Mean 1.329
RMS 0.6688
size [# of strips]

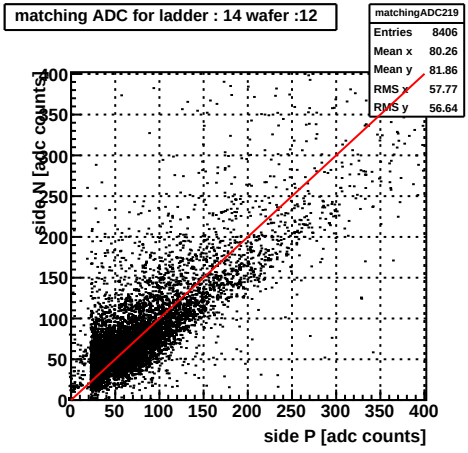

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 8519
Mean x 75.31
Mean y 66.35
RMS x 56.42
RMS y 50.44
side N [adc counts]
side P [adc counts]

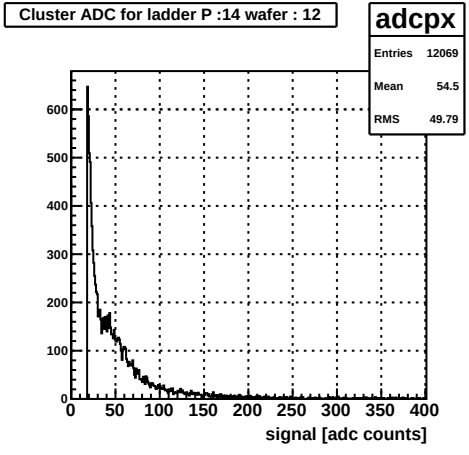

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 17380
Mean 62.3
RMS 55.78
signal [adc counts]

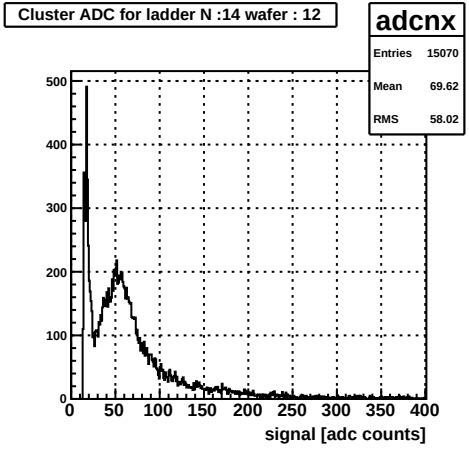

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 23293
Mean 45.93
RMS 47.18
signal [adc counts]

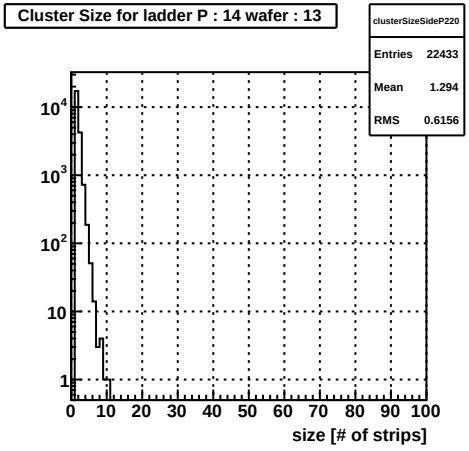

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 12069
Mean 1.222
RMS 0.5566
size [# of strips]

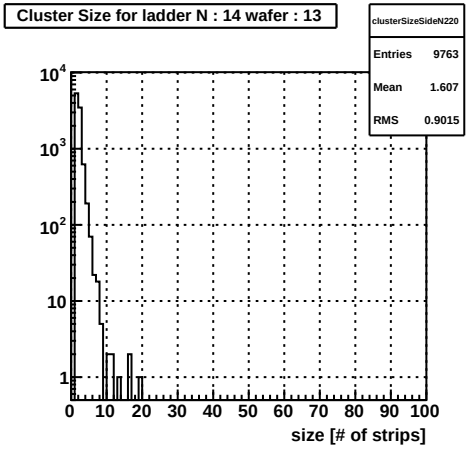

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 15070
Mean 1.479
RMS 0.7686
size [# of strips]

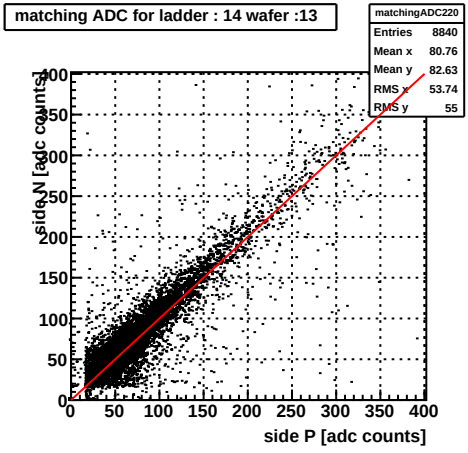

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 8406
Mean x 80.26
Mean y 81.86
RMS x 57.77
RMS y 56.64
side N [adc counts]
side P [adc counts]

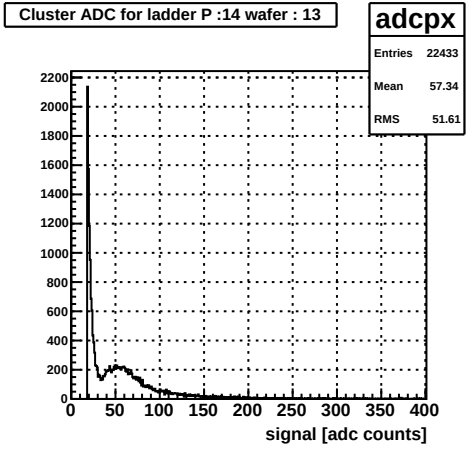

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 12069
Mean 54.5
RMS 49.79
signal [adc counts]

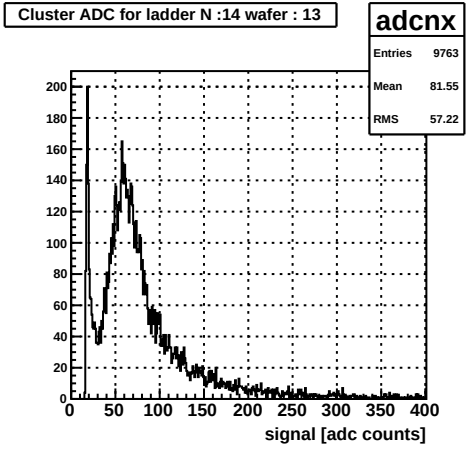

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 15070
Mean 69.62
RMS 58.02
signal [adc counts]

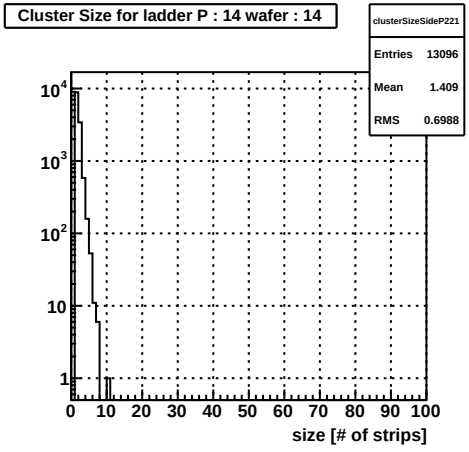

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 22433
Mean 1.294
RMS 0.6156
size [# of strips]

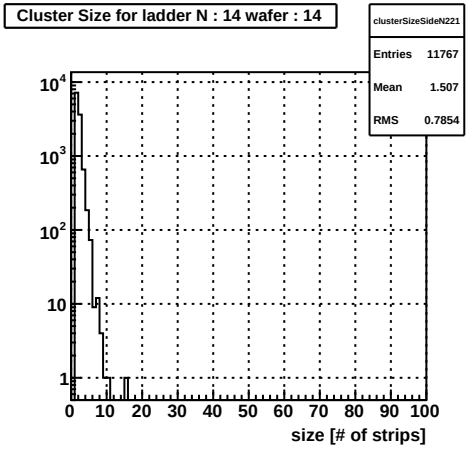

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 9763
Mean 1.607
RMS 0.9015
size [# of strips]

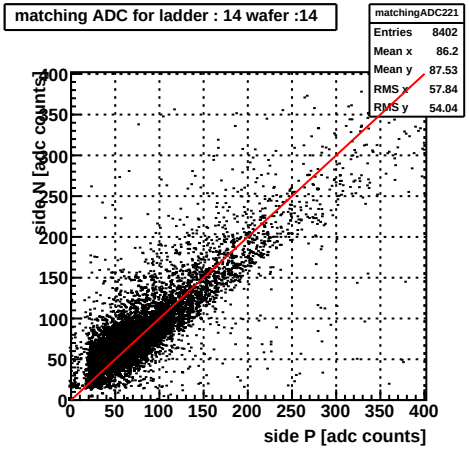

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 8840
Mean x 80.76
Mean y 82.63
RMS x 53.74
RMS y 55
side N [adc counts]
side P [adc counts]

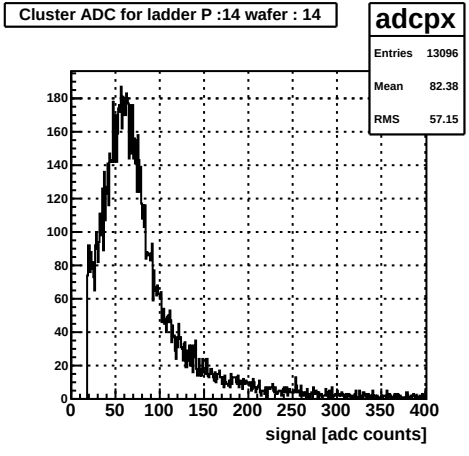

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 22433
Mean 57.34
RMS 51.61
signal [adc counts]

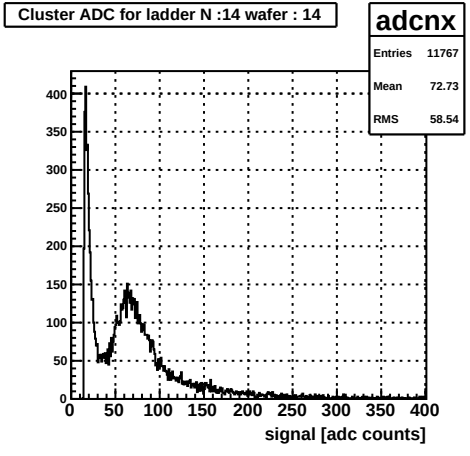

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 9763
Mean 81.55
RMS 57.22
signal [adc counts]

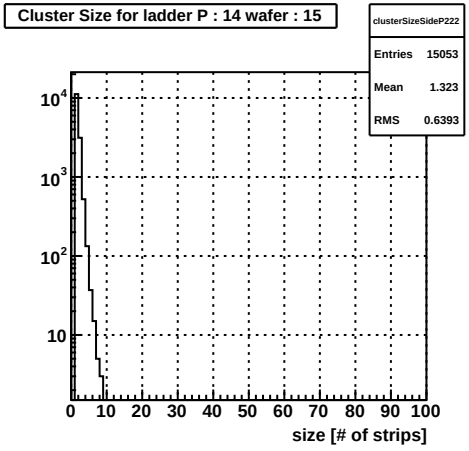

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 13096
Mean 1.409
RMS 0.6988
size [# of strips]

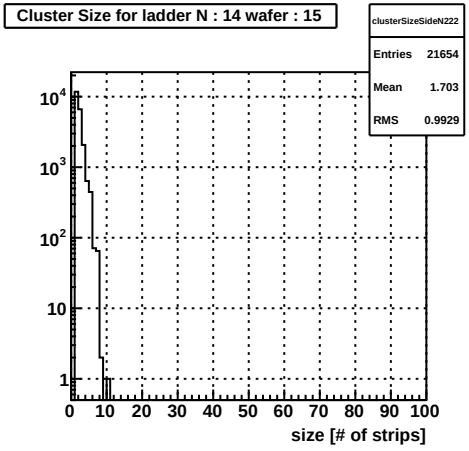

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 11767
Mean 1.507
RMS 0.7854
size [# of strips]

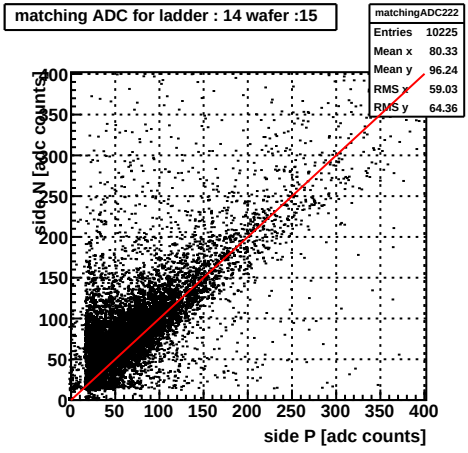

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 8402
Mean x 86.2
Mean y 87.53
RMS x 57.84
RMS y 54.04
side N [adc counts]
side P [adc counts]

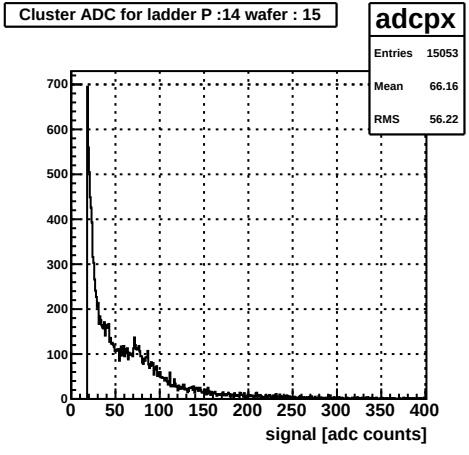

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 13096
Mean 82.38
RMS 57.15
signal [adc counts]

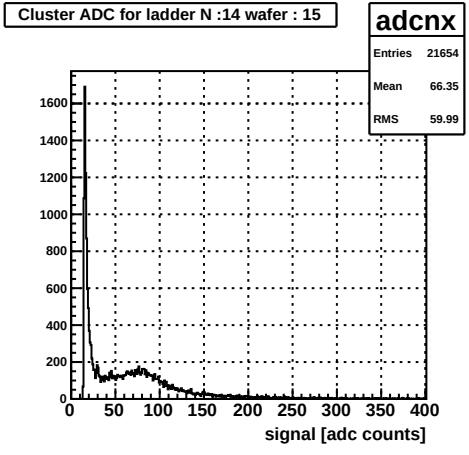

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 11767
Mean 72.73
RMS 58.54
signal [adc counts]

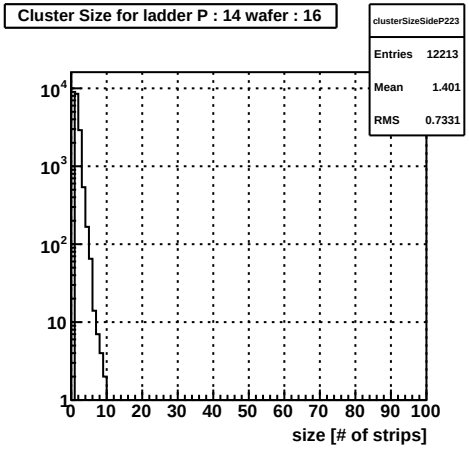

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 15053
Mean 1.323
RMS 0.6393
size [# of strips]

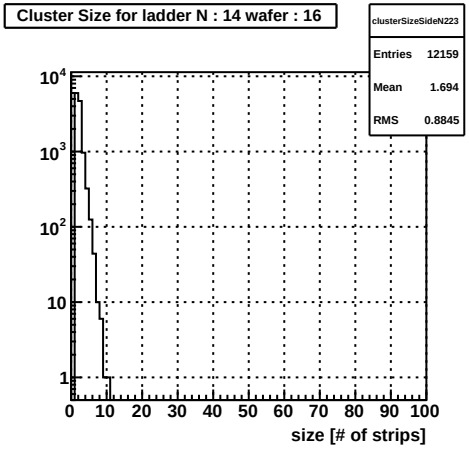

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 21654
Mean 1.703
RMS 0.9929
size [# of strips]

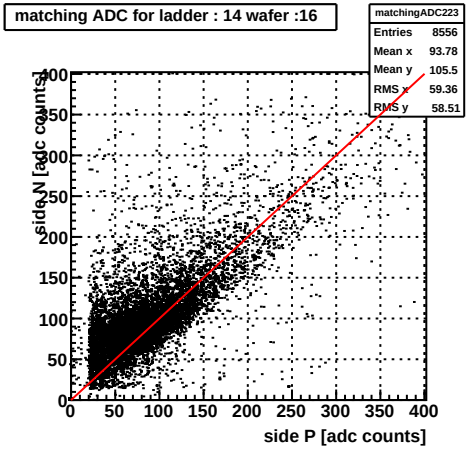

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 10225
Mean x 80.33
Mean y 96.24
RMS x 59.03
RMS y 64.36
side N [adc counts]
side P [adc counts]

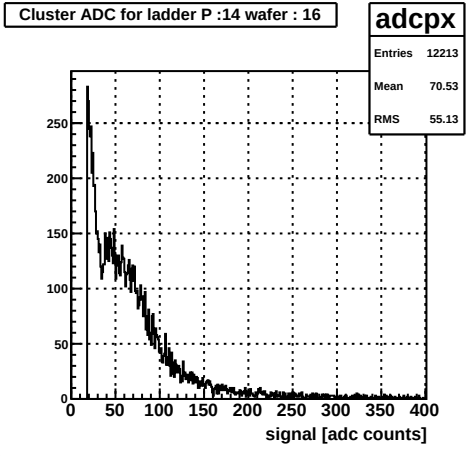

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 15053
Mean 66.16
RMS 56.22
signal [adc counts]

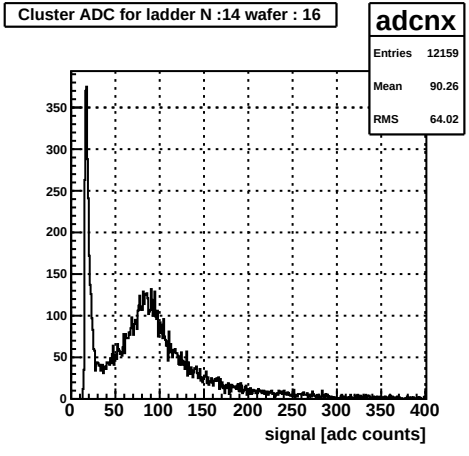

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 21654
Mean 66.35
RMS 59.99
signal [adc counts]

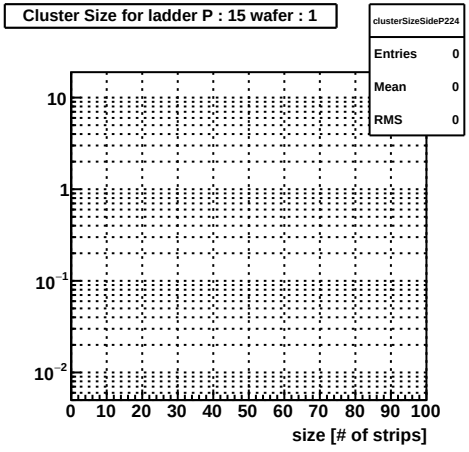

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 12213
Mean 1.401
RMS 0.7331
size [# of strips]

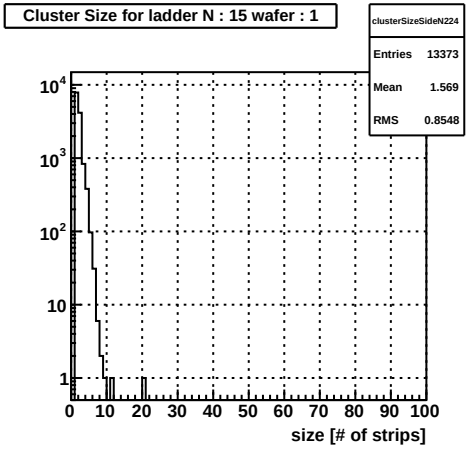

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 12159
Mean 1.694
RMS 0.8845
size [# of strips]

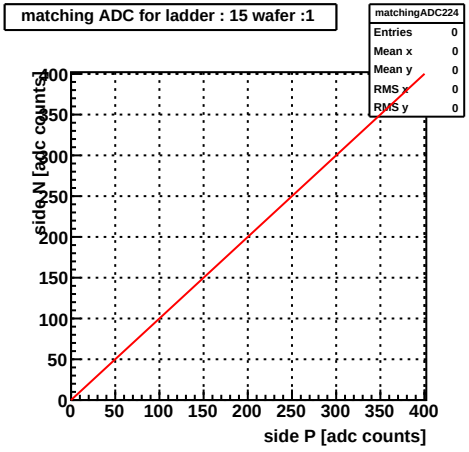

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 8556
Mean x 93.78
Mean y 105.5
RMS x 59.36
RMS y 58.51
side N [adc counts]
side P [adc counts]

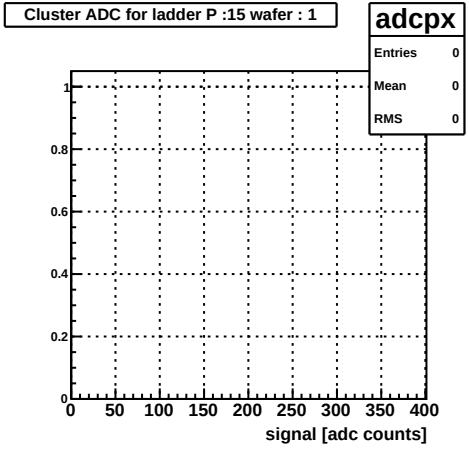

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 12213
Mean 70.53
RMS 55.13
signal [adc counts]

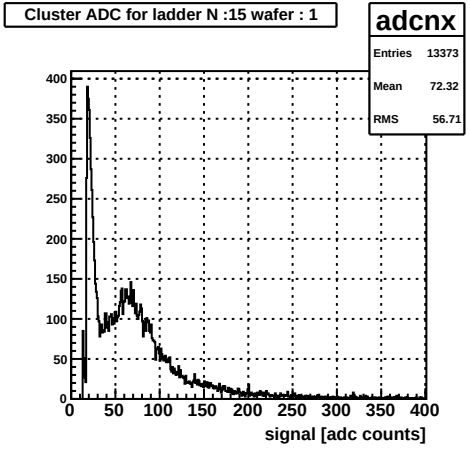

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 12159
Mean 90.26
RMS 64.02
signal [adc counts]

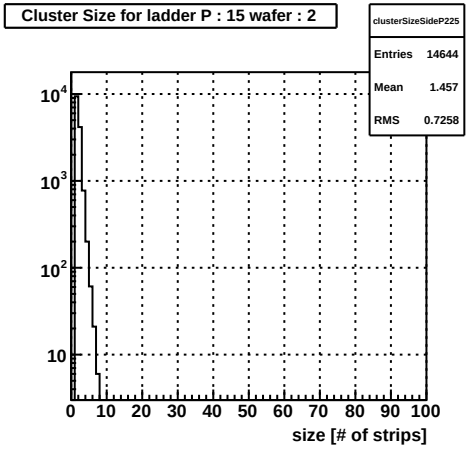

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

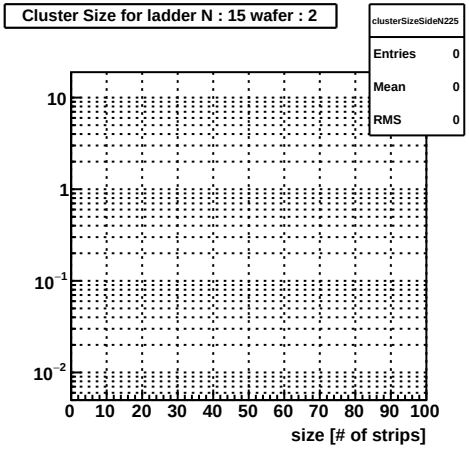

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 13373
Mean 1.569
RMS 0.8548
size [# of strips]

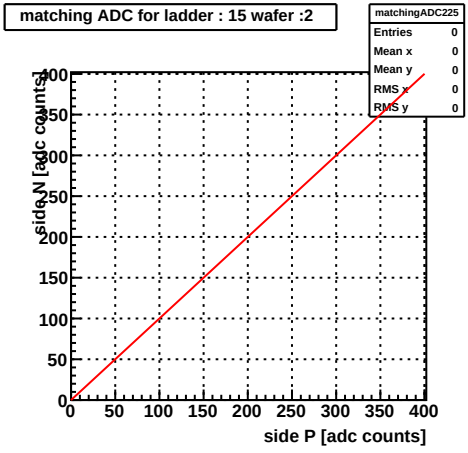

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

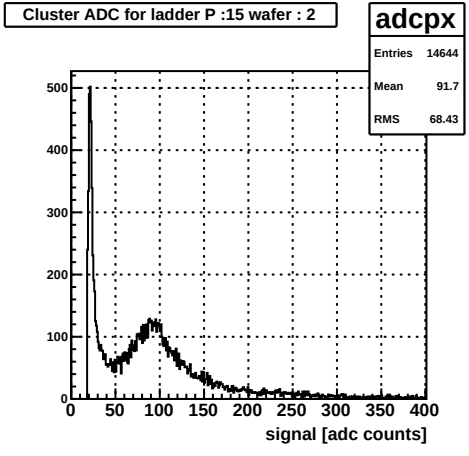

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

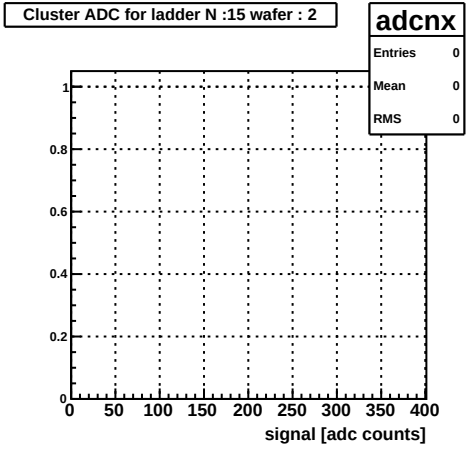

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 13373
Mean 72.32
RMS 56.71
signal [adc counts]

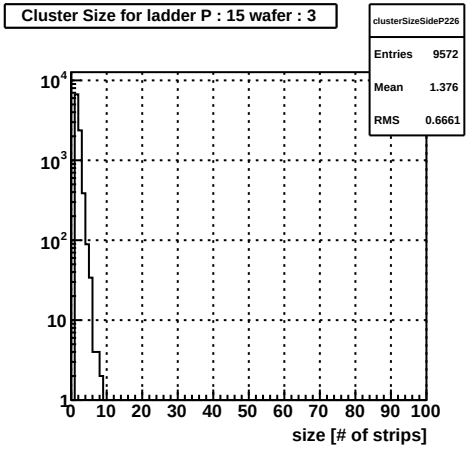

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 14644
Mean 1.457
RMS 0.7258
size [# of strips]

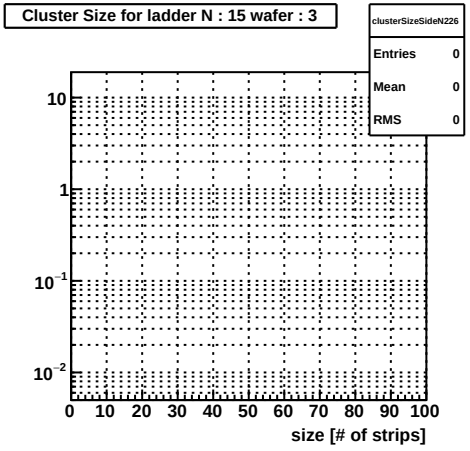

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

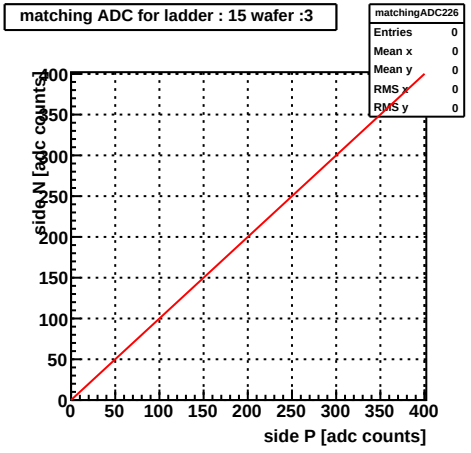

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

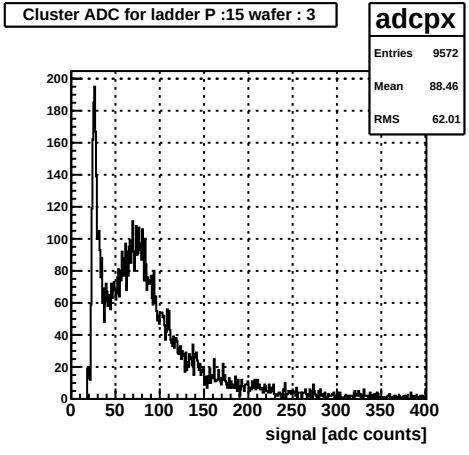

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 14644
Mean 91.7
RMS 68.43
signal [adc counts]

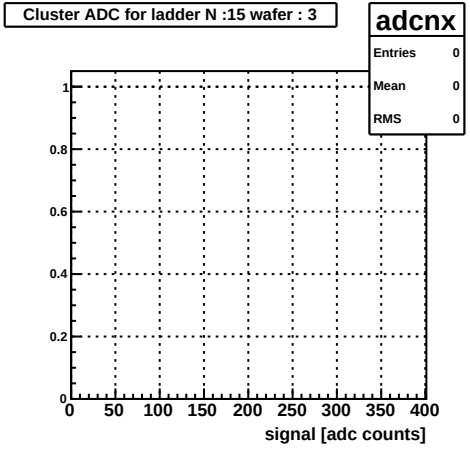

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

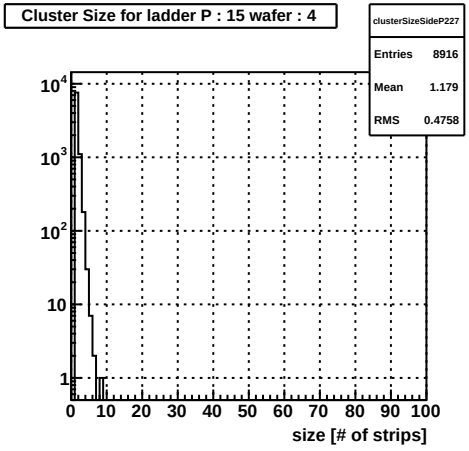

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 9572
Mean 1.376
RMS 0.6661
size [# of strips]

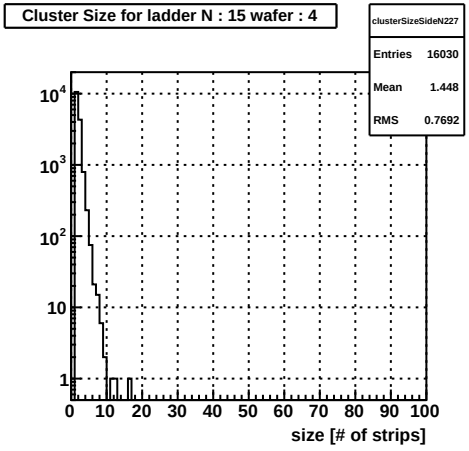

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

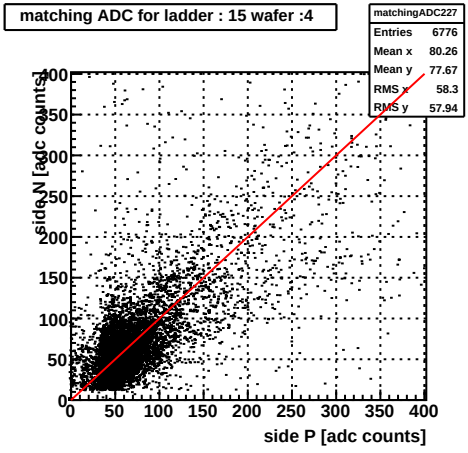

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

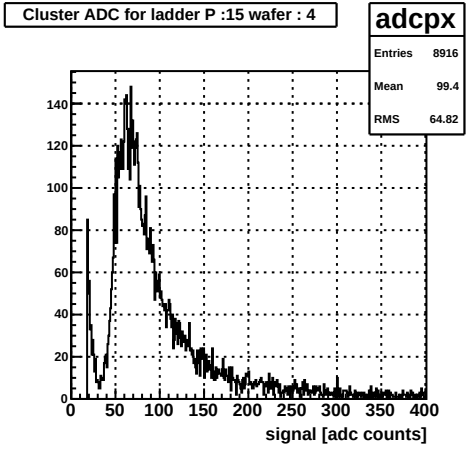

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 9572
Mean 88.46
RMS 62.01
signal [adc counts]

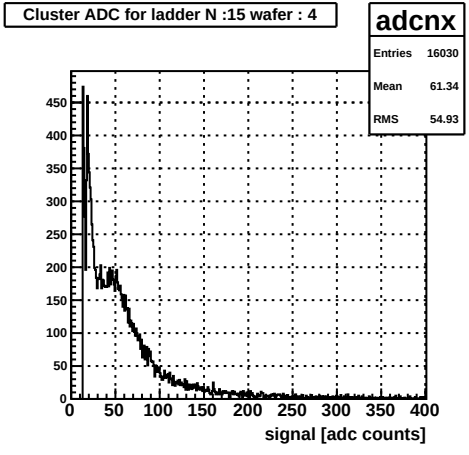

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

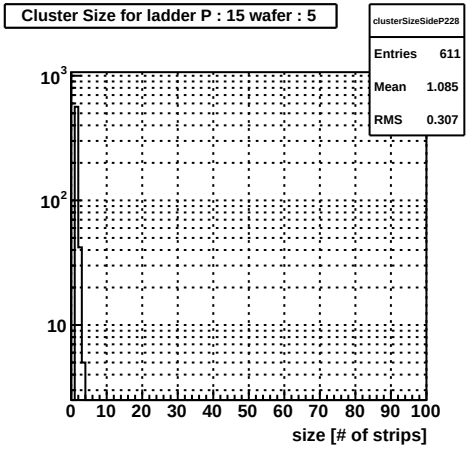

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 8916
Mean 1.179
RMS 0.4758
size [# of strips]

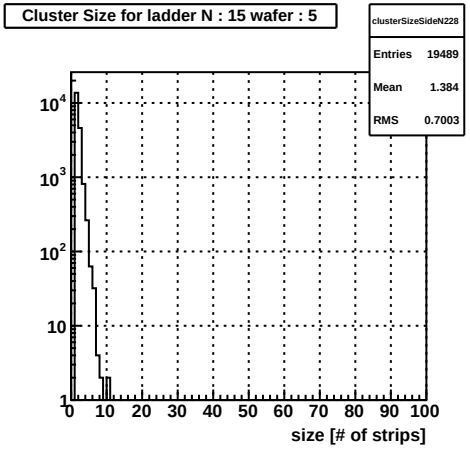

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 16030
Mean 1.448
RMS 0.7692
size [# of strips]

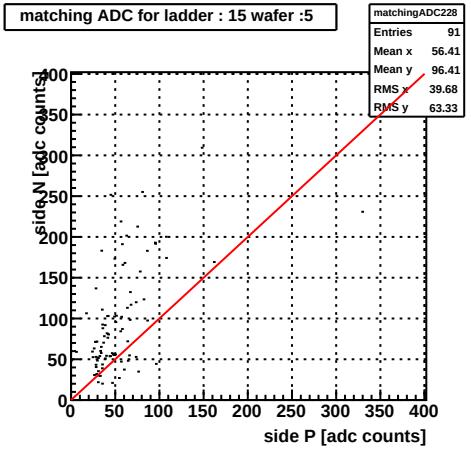

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 6776
Mean x 80.26
Mean y 77.67
RMS x 58.3
RMS y 57.94
side N [adc counts]
side P [adc counts]

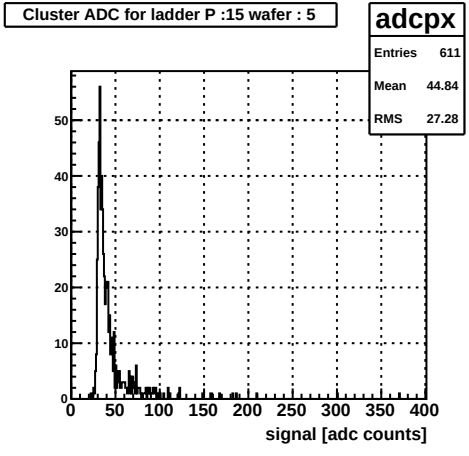

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 8916
Mean 99.4
RMS 64.82
signal [adc counts]

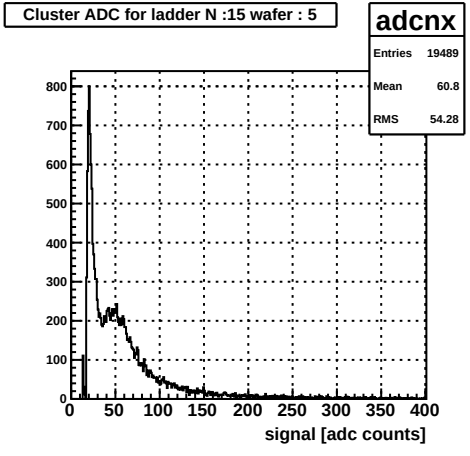

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 16030
Mean 61.34
RMS 54.93
signal [adc counts]

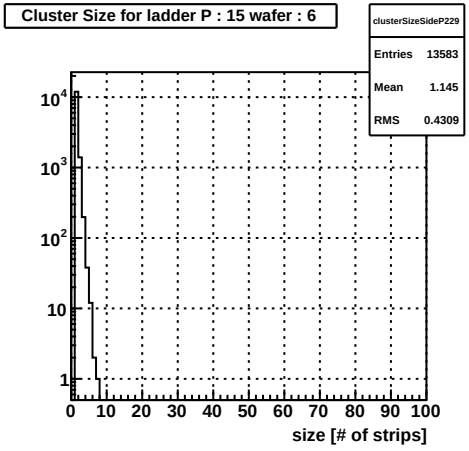

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 611
Mean 1.085
RMS 0.307
size [# of strips]

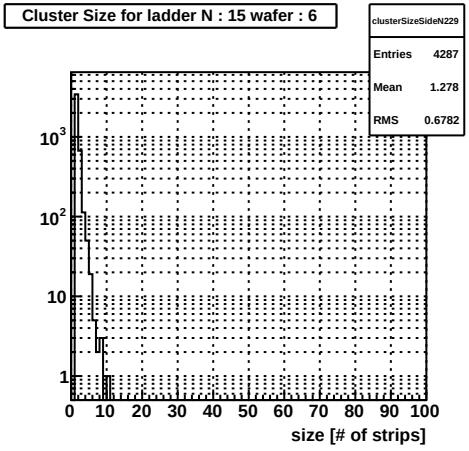

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 19489
Mean 1.384
RMS 0.7003
size [# of strips]

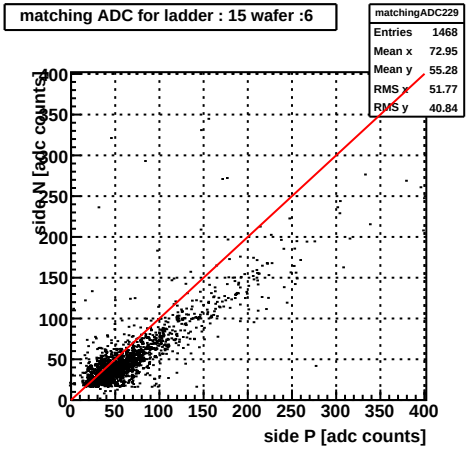

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 91
Mean x 56.41
Mean y 96.41
RMS x 39.68
RMS y 63.33
side N [adc counts]
side P [adc counts]

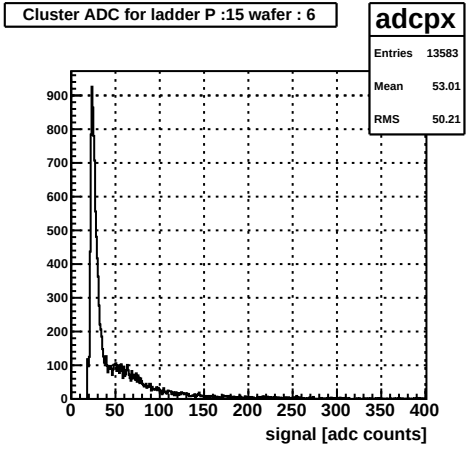

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 611
Mean 44.84
RMS 27.28
signal [adc counts]

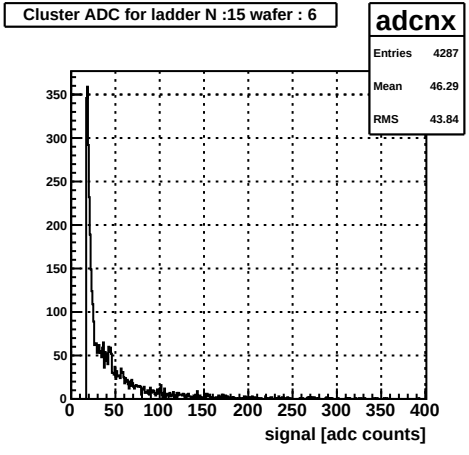

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 19489
Mean 60.8
RMS 54.28
signal [adc counts]

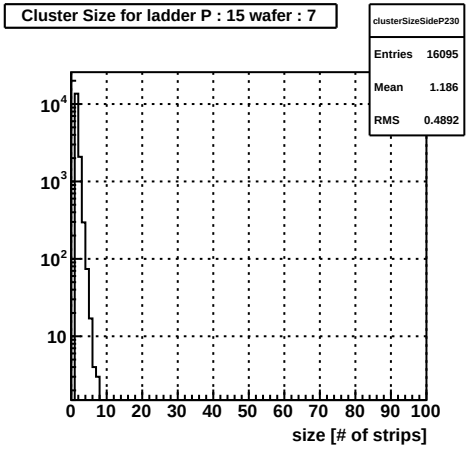

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 13583
Mean 1.145
RMS 0.4309
size [# of strips]

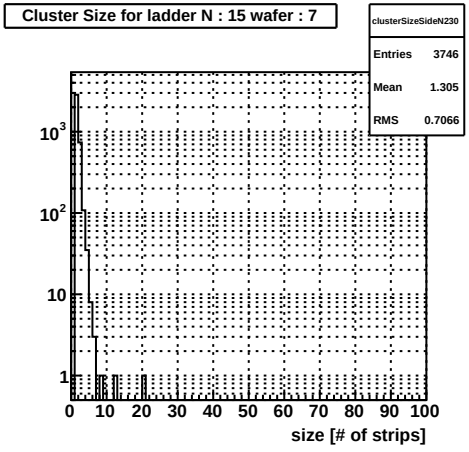

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 4287
Mean 1.278
RMS 0.6782
size [# of strips]

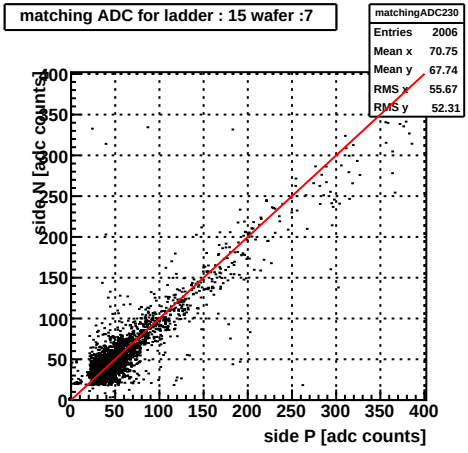

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1468
Mean x 72.95
Mean y 55.28
RMS x 51.77
RMS y 40.84
side N [adc counts]
side P [adc counts]

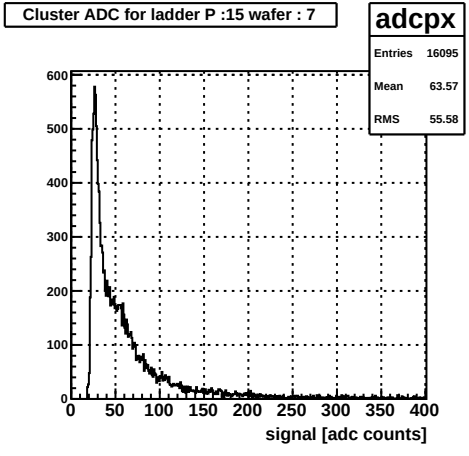

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 13583
Mean 53.01
RMS 50.21
signal [adc counts]

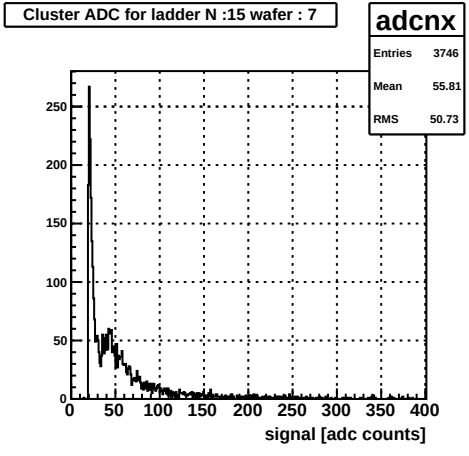

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 4287
Mean 46.29
RMS 43.84
signal [adc counts]

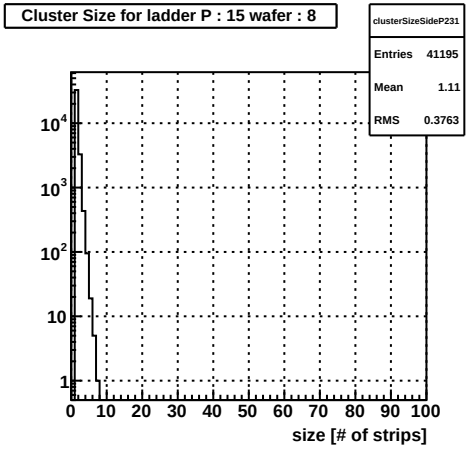

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 16095
Mean 1.186
RMS 0.4892
size [# of strips]

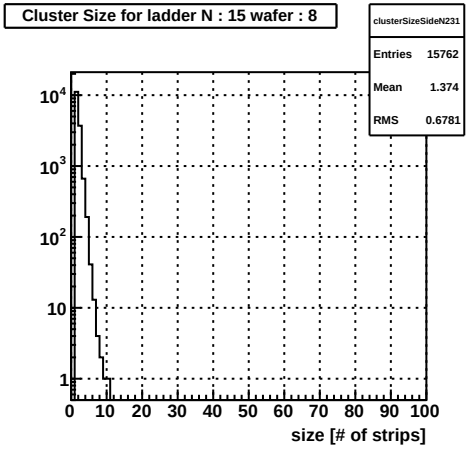

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 3746
Mean 1.305
RMS 0.7066
size [# of strips]

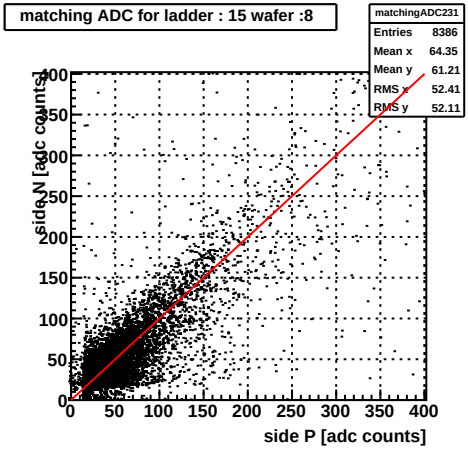

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 2006
Mean x 70.75
Mean y 67.74
RMS x 55.67
RMS y 52.31
side N [adc counts]
side P [adc counts]

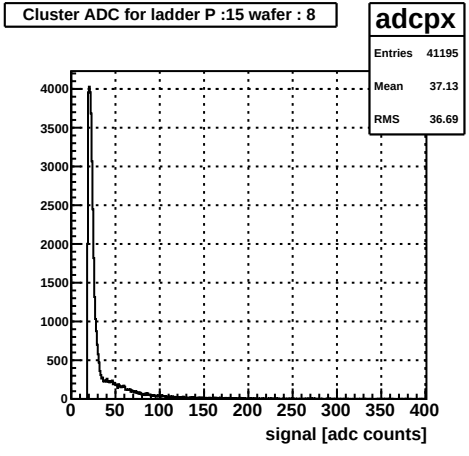

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 16095
Mean 63.57
RMS 55.58
signal [adc counts]

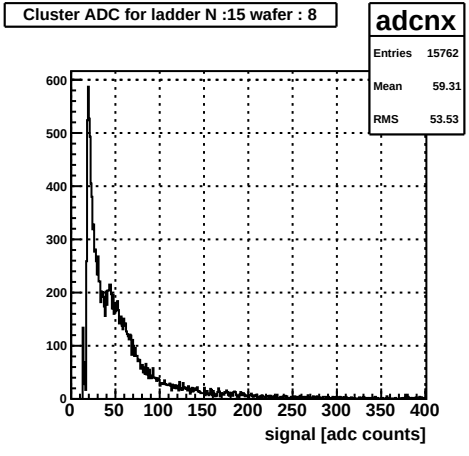

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 3746
Mean 55.81
RMS 50.73
signal [adc counts]

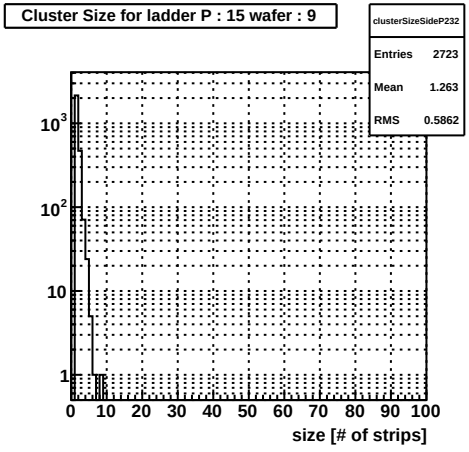

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 41195
Mean 1.11
RMS 0.3763
size [# of strips]

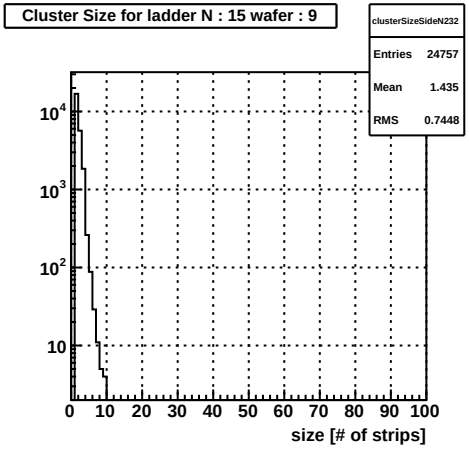

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 15762
Mean 1.374
RMS 0.6781
size [# of strips]

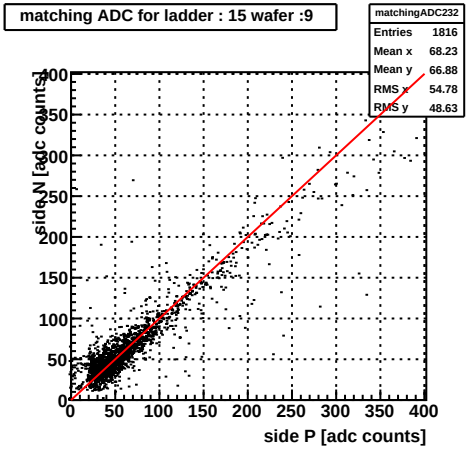

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 8386
Mean x 64.35
Mean y 61.21
RMS x 52.41
RMS y 52.11
side N [adc counts]
side P [adc counts]

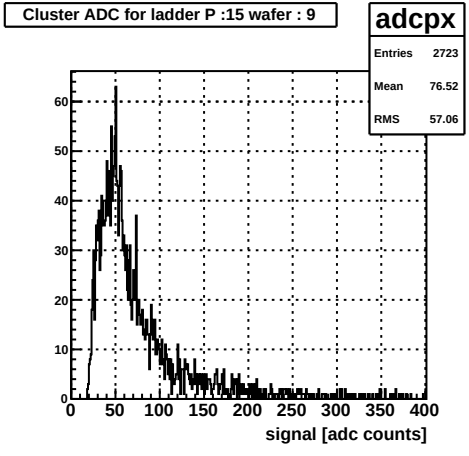

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 41195
Mean 37.13
RMS 36.69
signal [adc counts]

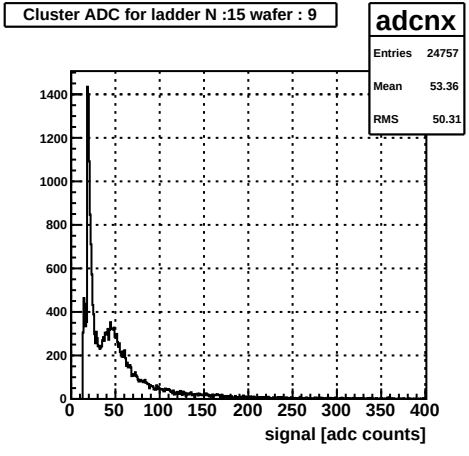

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 15762
Mean 59.31
RMS 53.53
signal [adc counts]

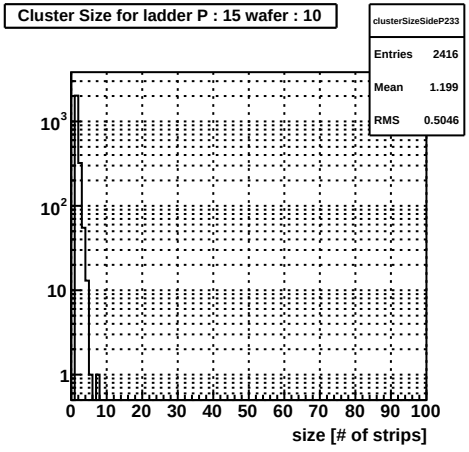

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2723
Mean 1.263
RMS 0.5862
size [# of strips]

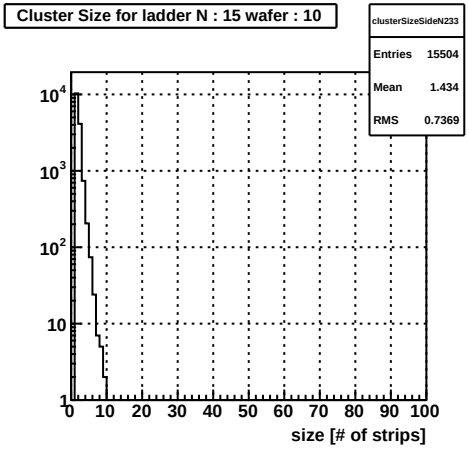

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 24757
Mean 1.435
RMS 0.7448
size [# of strips]

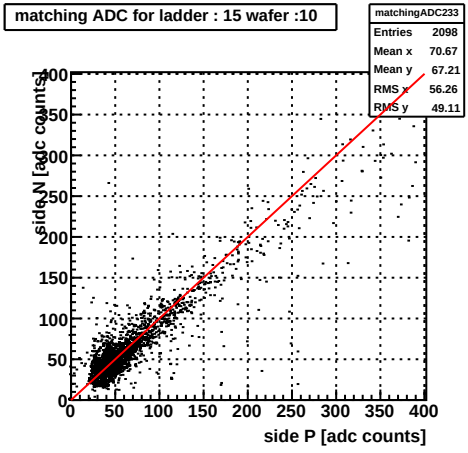

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1816
Mean x 68.23
Mean y 66.88
RMS x 54.78
RMS y 48.63
side N [adc counts]
side P [adc counts]

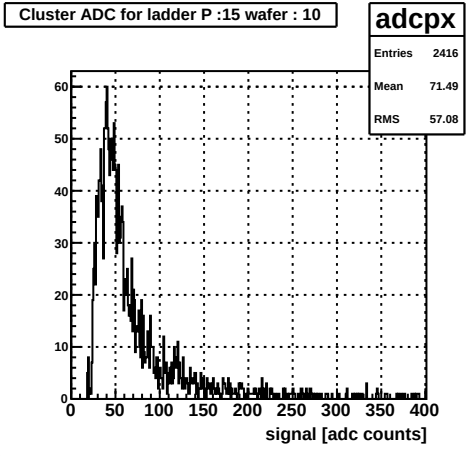

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2723
Mean 76.52
RMS 57.06
signal [adc counts]

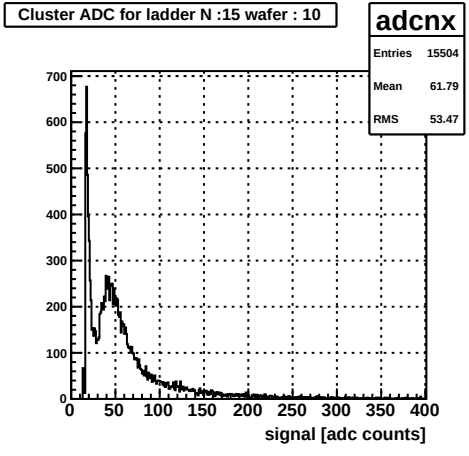

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 24757
Mean 53.36
RMS 50.31
signal [adc counts]

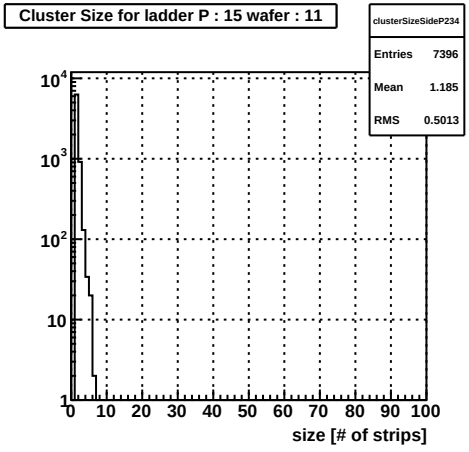

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 2416
Mean 1.199
RMS 0.5046
size [# of strips]

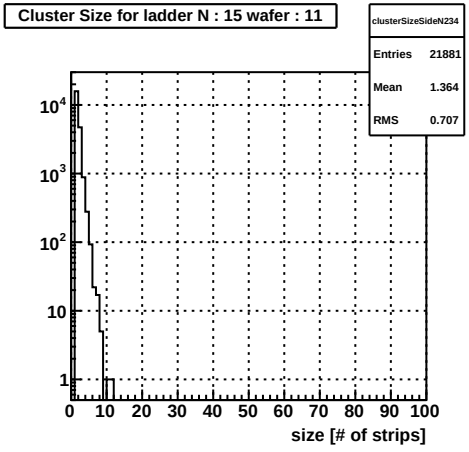

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 15504
Mean 1.434
RMS 0.7369
size [# of strips]

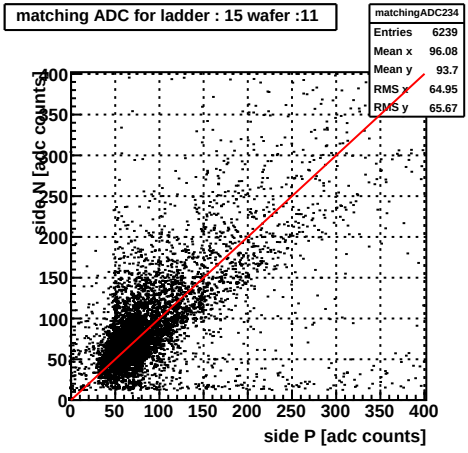

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2098
Mean x 70.67
Mean y 67.21
RMS x 56.26
RMS y 49.11
side N [adc counts]
side P [adc counts]

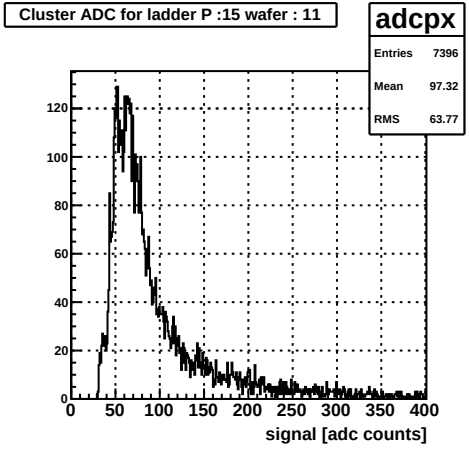

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 2416
Mean 71.49
RMS 57.08
signal [adc counts]

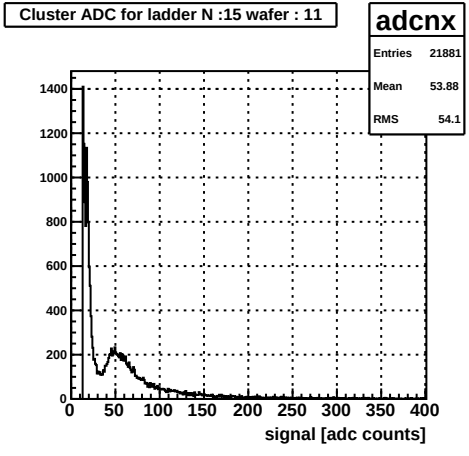

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 15504
Mean 61.79
RMS 53.47
signal [adc counts]

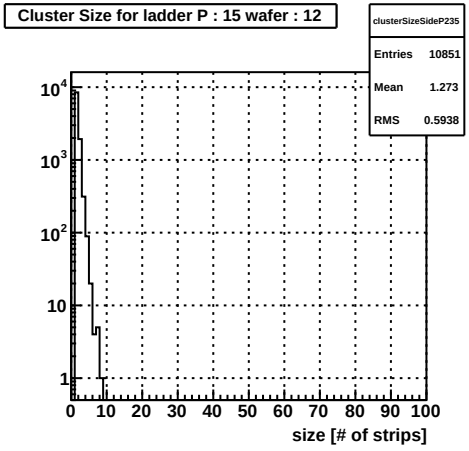

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 7396
Mean 1.185
RMS 0.5013
size [# of strips]

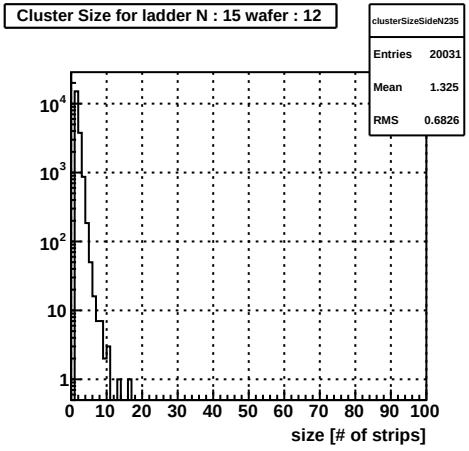

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 21881
Mean 1.364
RMS 0.707
size [# of strips]

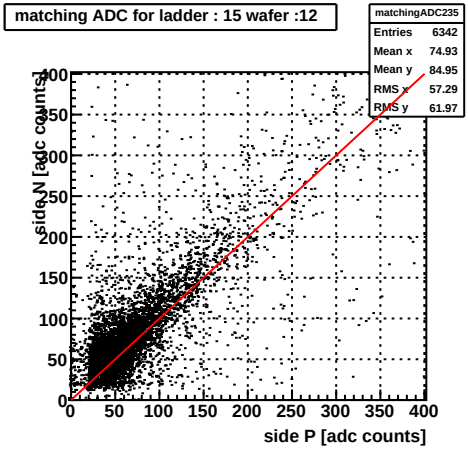

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 6239
Mean x 96.08
Mean y 93.7
RMS x 64.95
RMS y 65.67
side N [adc counts]
side P [adc counts]

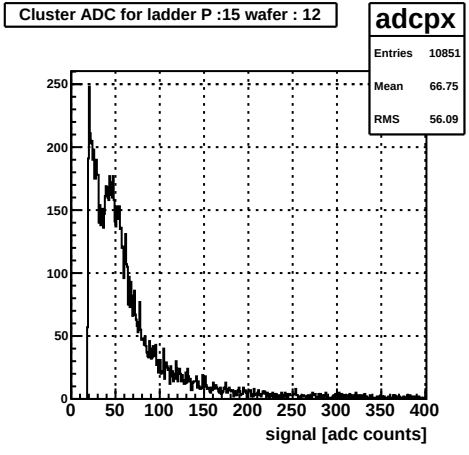

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 7396
Mean 97.32
RMS 63.77
signal [adc counts]

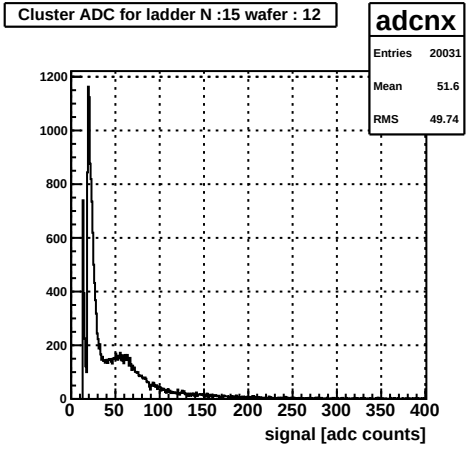

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 21881
Mean 53.88
RMS 54.1
signal [adc counts]

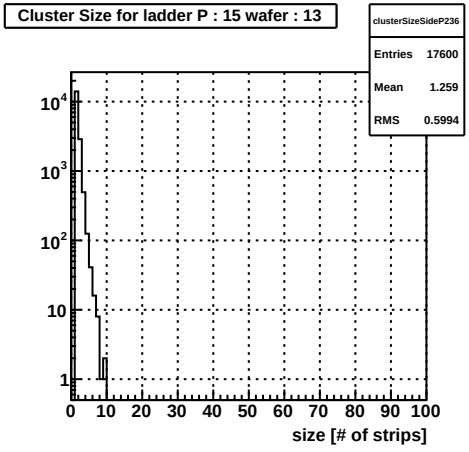

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 10851
Mean 1.273
RMS 0.5938
size [# of strips]

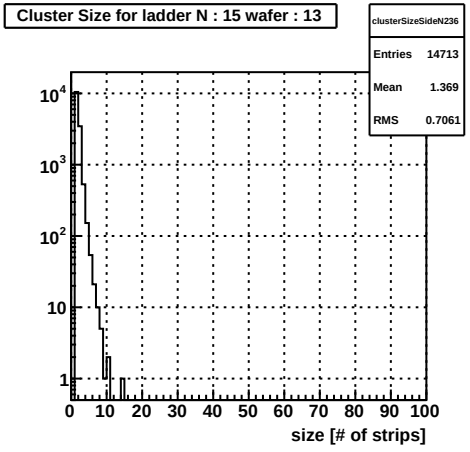

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 20031
Mean 1.325
RMS 0.6826
size [# of strips]

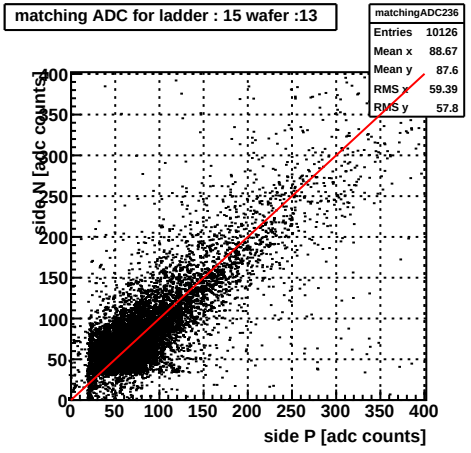

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 6342
Mean x 74.93
Mean y 84.95
RMS x 57.29
RMS y 61.97
side N [adc counts]
side P [adc counts]

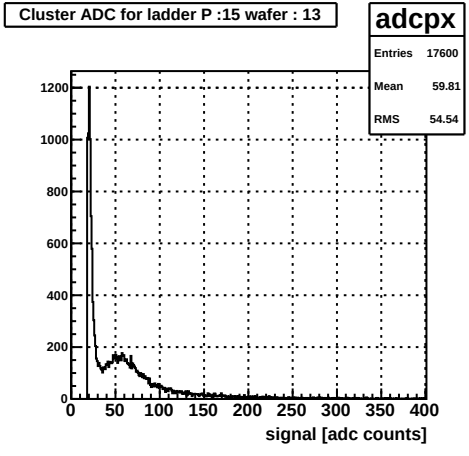

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 10851
Mean 66.75
RMS 56.09
signal [adc counts]

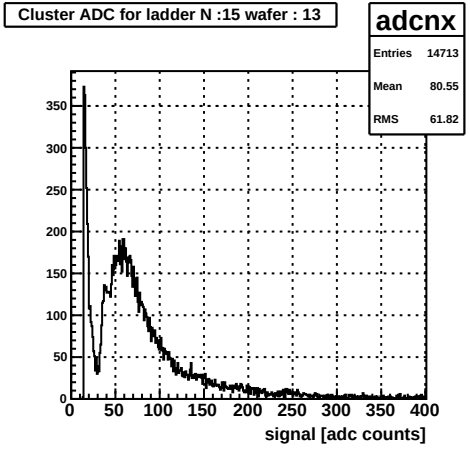

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 20031
Mean 51.6
RMS 49.74
signal [adc counts]

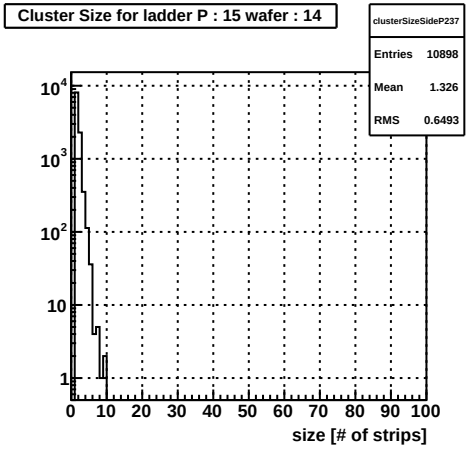

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 17600
Mean 1.259
RMS 0.5994
size [# of strips]

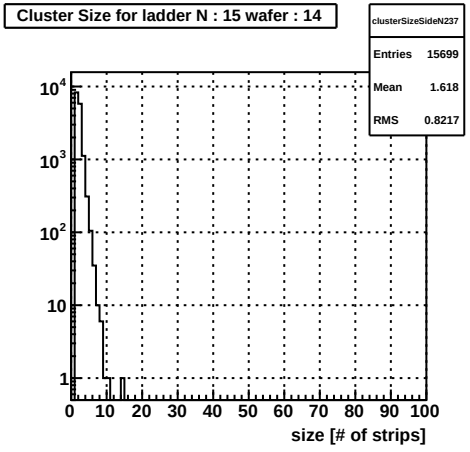

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 14713
Mean 1.369
RMS 0.7061
size [# of strips]

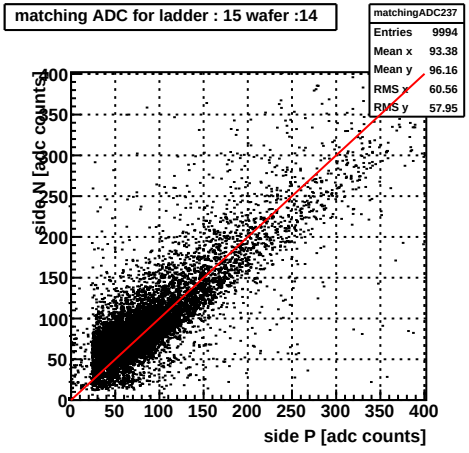

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 10126
Mean x 88.67
Mean y 87.6
RMS x 59.39
RMS y 57.8
side N [adc counts]
side P [adc counts]

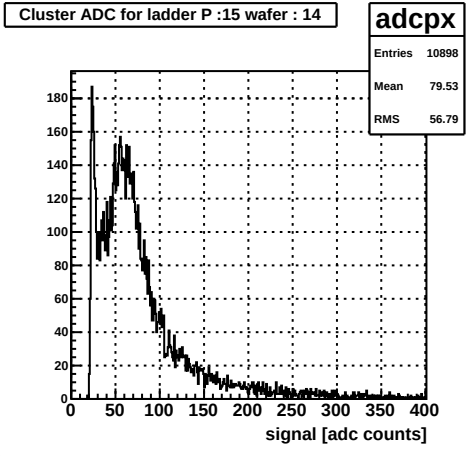

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 17600
Mean 59.81
RMS 54.54
signal [adc counts]

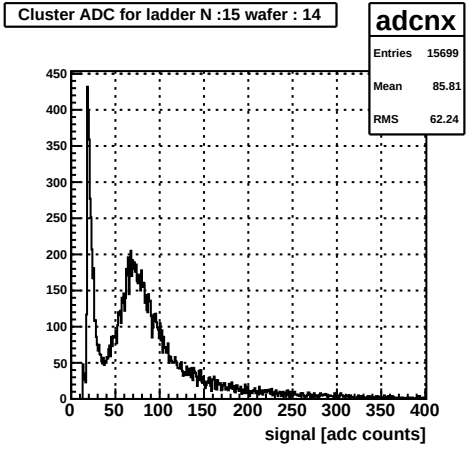

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 14713
Mean 80.55
RMS 61.82
signal [adc counts]

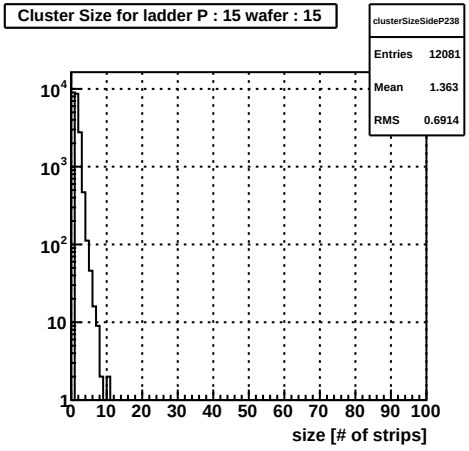

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 10898
Mean 1.326
RMS 0.6493
size [# of strips]

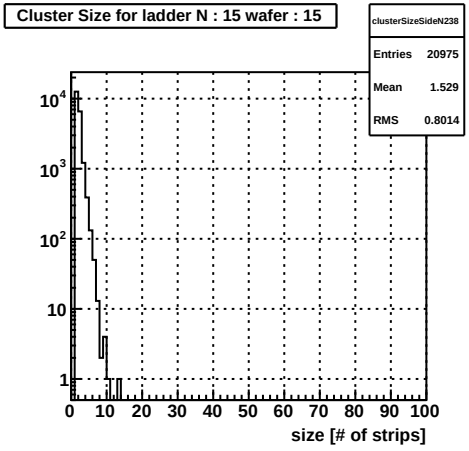

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 15699
Mean 1.618
RMS 0.8217
size [# of strips]

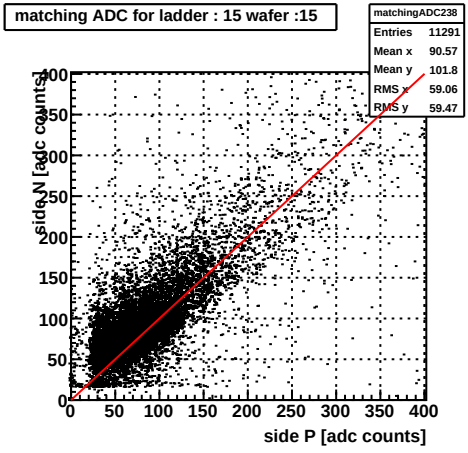

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 9994
Mean x 93.38
Mean y 96.16
RMS x 60.56
RMS y 57.95
side N [adc counts]
side P [adc counts]

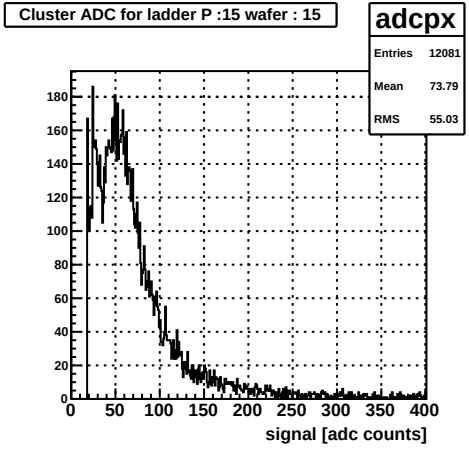

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 10898
Mean 79.53
RMS 56.79
signal [adc counts]

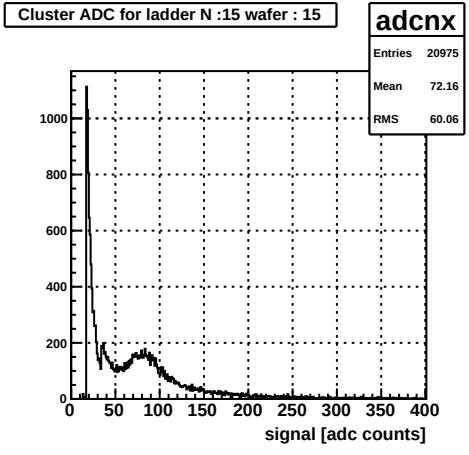

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 15699
Mean 85.81
RMS 62.24
signal [adc counts]

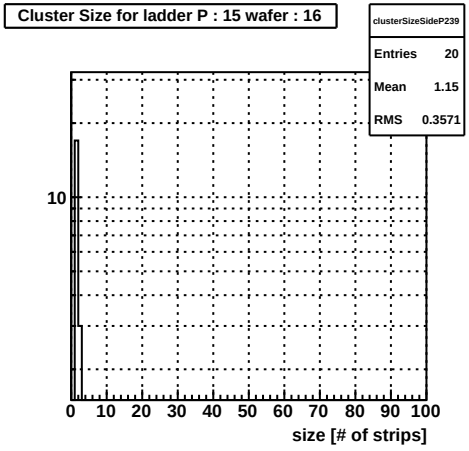

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 12081
Mean 1.363
RMS 0.6914
size [# of strips]

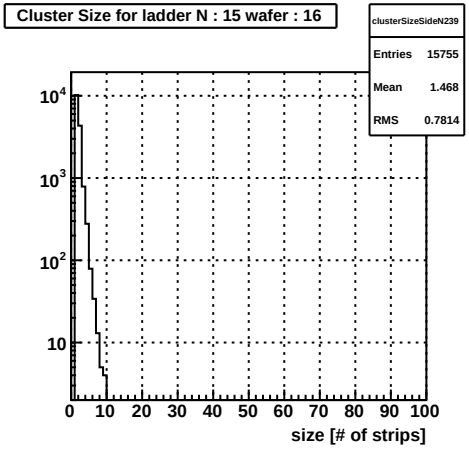

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 20975
Mean 1.529
RMS 0.8014
size [# of strips]

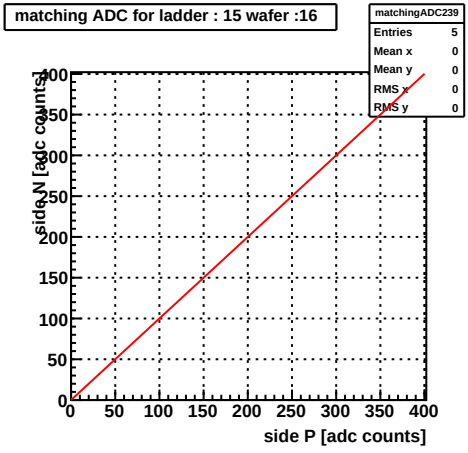

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 11291
Mean x 90.57
Mean y 101.8
RMS x 59.06
RMS y 59.47
side N [adc counts]
side P [adc counts]

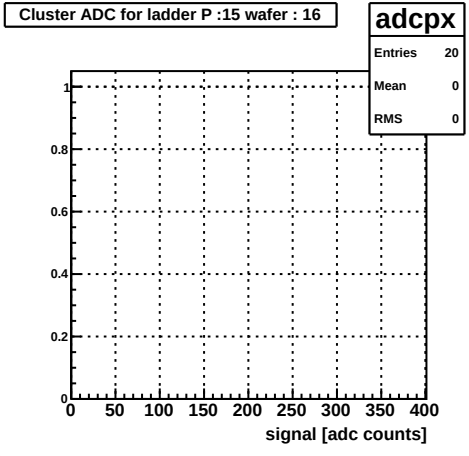

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 12081
Mean 73.79
RMS 55.03
signal [adc counts]

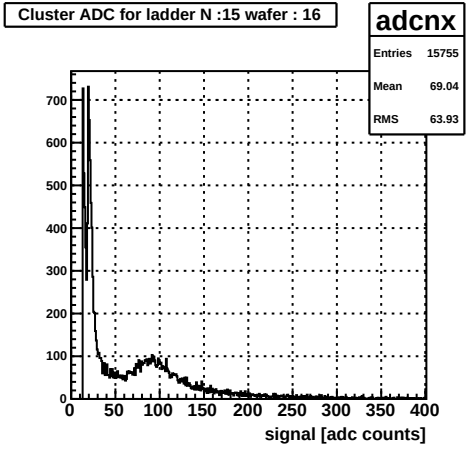

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 20975
Mean 72.16
RMS 60.06
signal [adc counts]

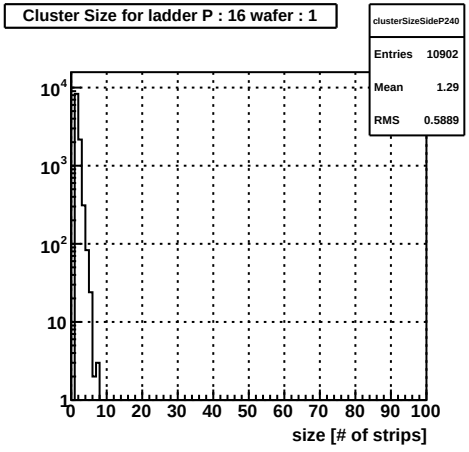

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 20
Mean 1.15
RMS 0.3571
size [# of strips]

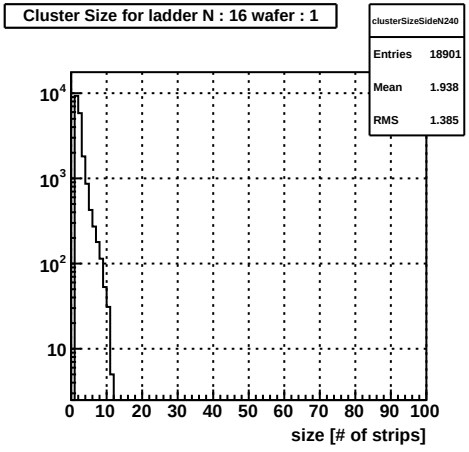

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 15755
Mean 1.468
RMS 0.7814
size [# of strips]

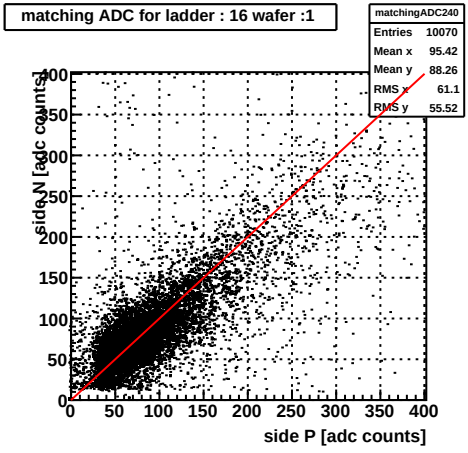

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

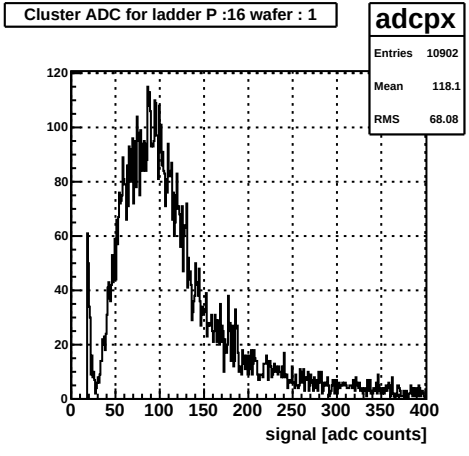

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 20
Mean 0
RMS 0
signal [adc counts]

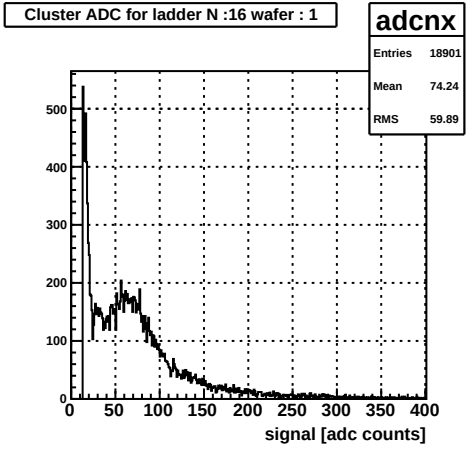

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 15755
Mean 69.04
RMS 63.93
signal [adc counts]

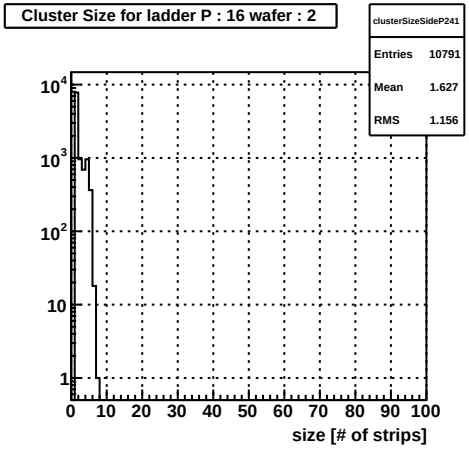

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 10902
Mean 1.29
RMS 0.5889
size [# of strips]

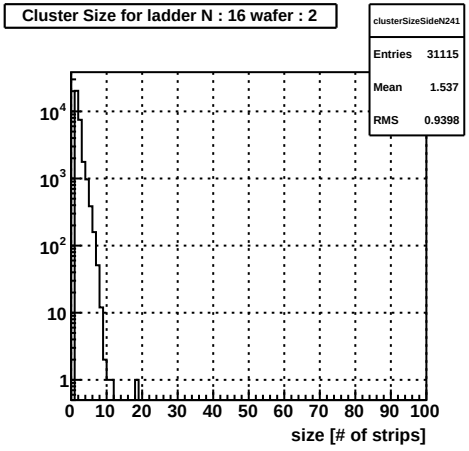

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 18901
Mean 1.938
RMS 1.385
size [# of strips]

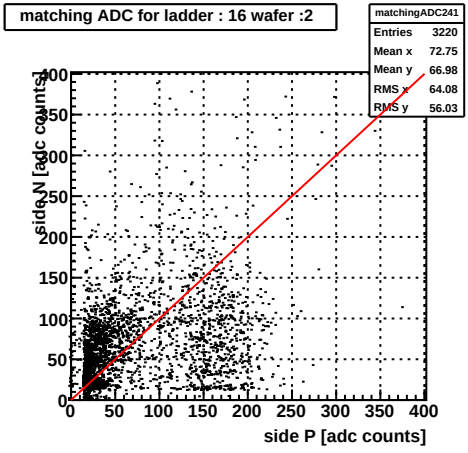

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 10070
Mean x 95.42
Mean y 88.26
RMS x 61.1
RMS y 55.52
side N [adc counts]
side P [adc counts]

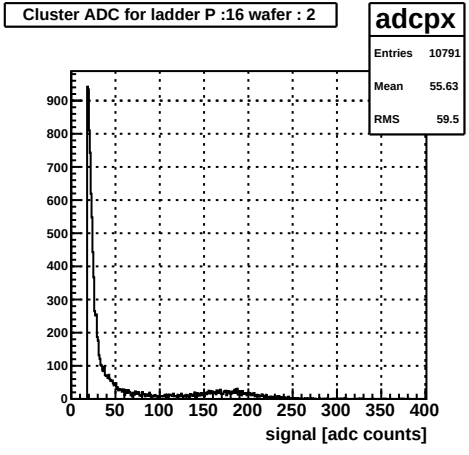

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 10902
Mean 118.1
RMS 68.08
signal [adc counts]

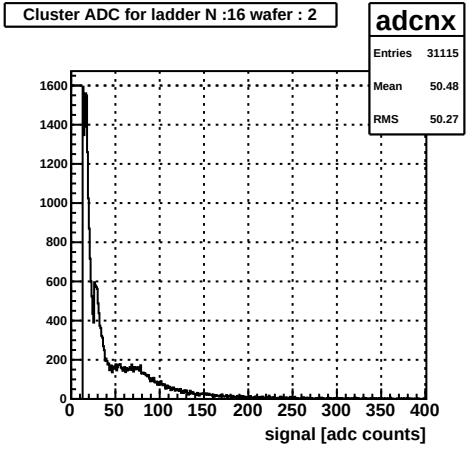

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 18901
Mean 74.24
RMS 59.89
signal [adc counts]

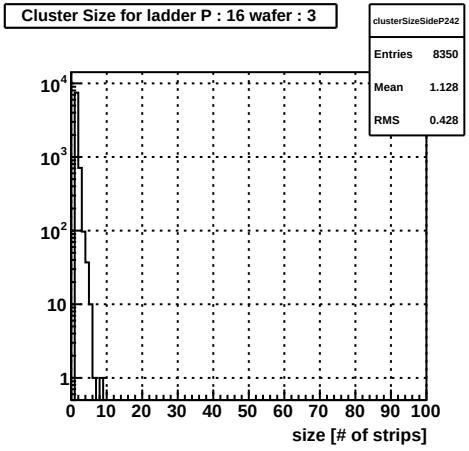

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 10791
Mean 1.627
RMS 1.156
size [# of strips]

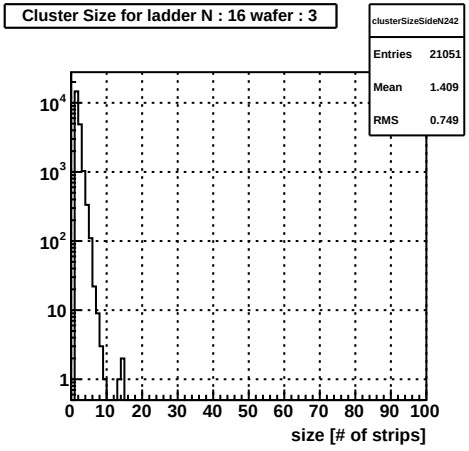

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 31115
Mean 1.537
RMS 0.9398
size [# of strips]

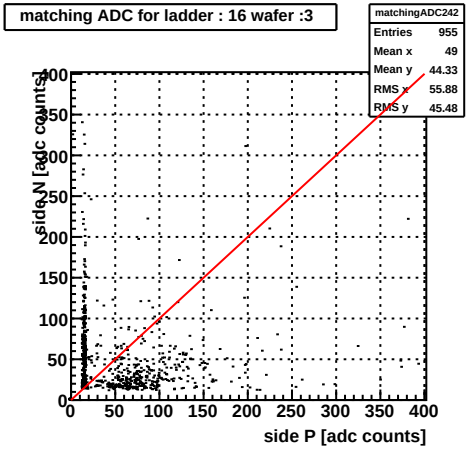

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 3220
Mean x 72.75
Mean y 66.98
RMS x 64.08
RMS y 56.03
side N [adc counts]
side P [adc counts]

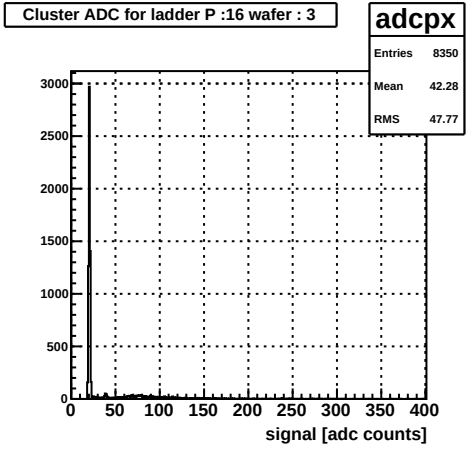

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 10791
Mean 55.63
RMS 59.5
signal [adc counts]

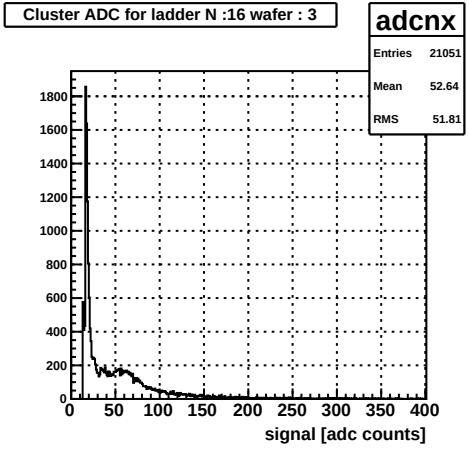

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 31115
Mean 50.48
RMS 50.27
signal [adc counts]

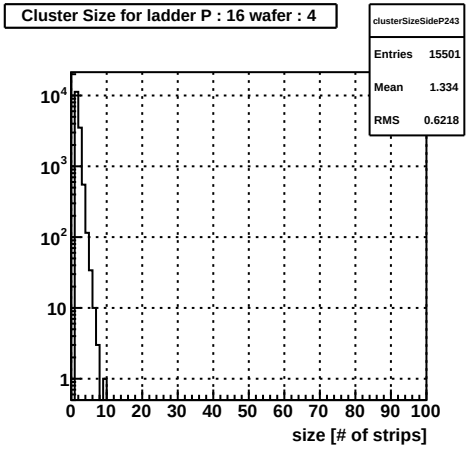

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 8350
Mean 1.128
RMS 0.428
size [# of strips]

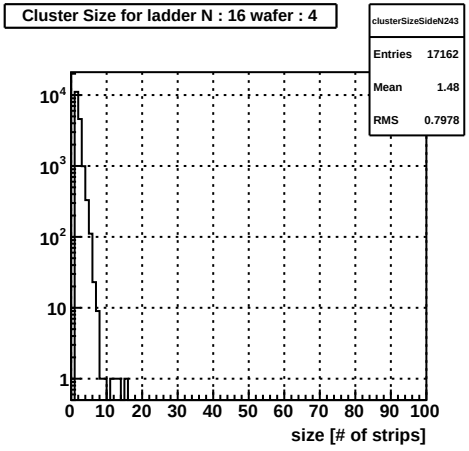

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 21051
Mean 1.409
RMS 0.749
size [# of strips]

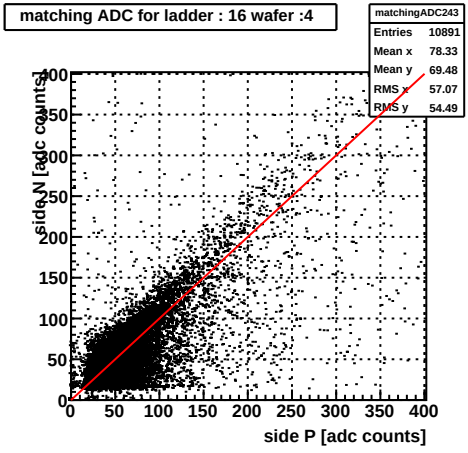

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 955
Mean x 49
Mean y 44.33
RMS x 55.88
RMS y 45.48
side N [adc counts]
side P [adc counts]

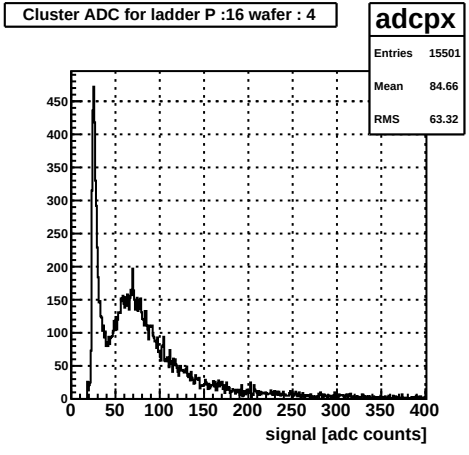

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 8350
Mean 42.28
RMS 47.77
signal [adc counts]

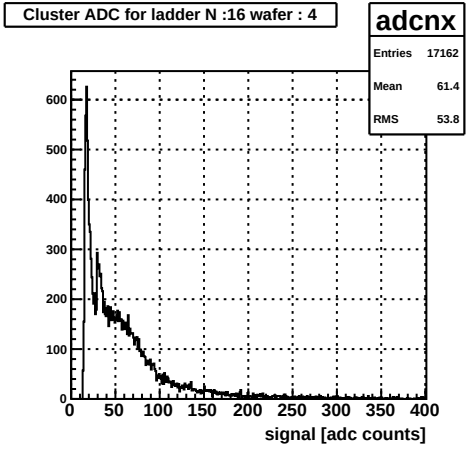

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 21051
Mean 52.64
RMS 51.81
signal [adc counts]

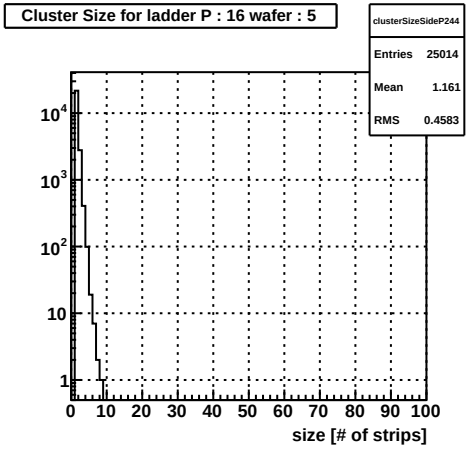

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 15501
Mean 1.334
RMS 0.6218
size [# of strips]

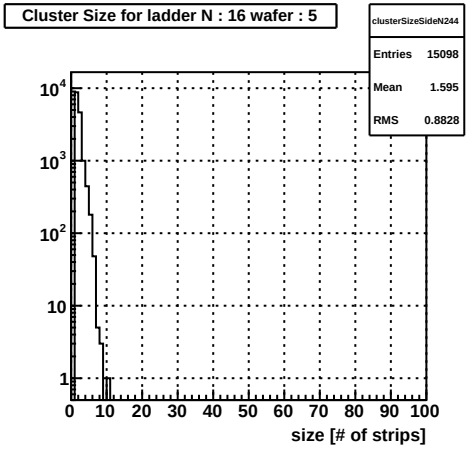

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 17162
Mean 1.48
RMS 0.7978
size [# of strips]

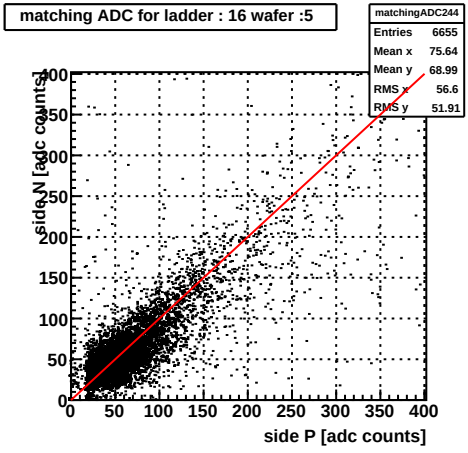

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 10891
Mean x 78.33
Mean y 69.48
RMS x 57.07
RMS y 54.49
side N [adc counts]
side P [adc counts]

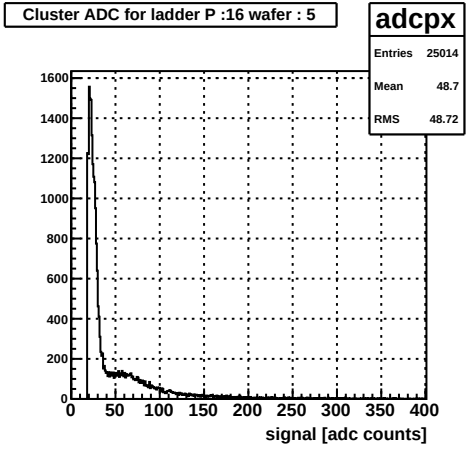

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 15501
Mean 84.66
RMS 63.32
signal [adc counts]

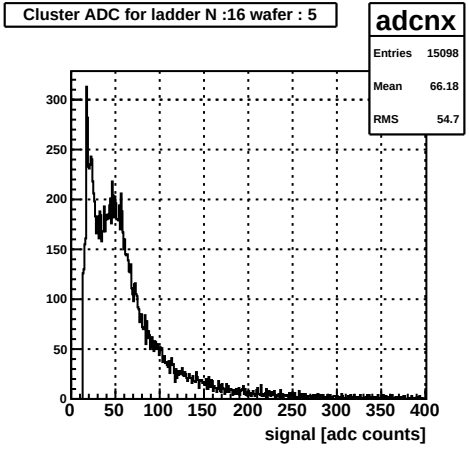

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 17162
Mean 61.4
RMS 53.8
signal [adc counts]

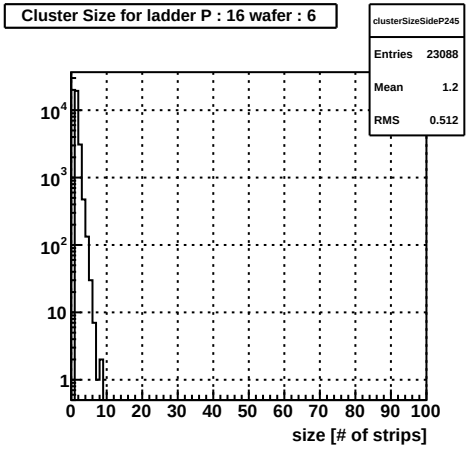

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 25014
Mean 1.161
RMS 0.4583
size [# of strips]

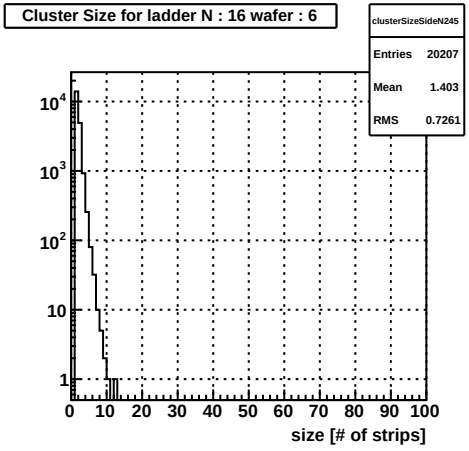

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 15098
Mean 1.595
RMS 0.8828
size [# of strips]

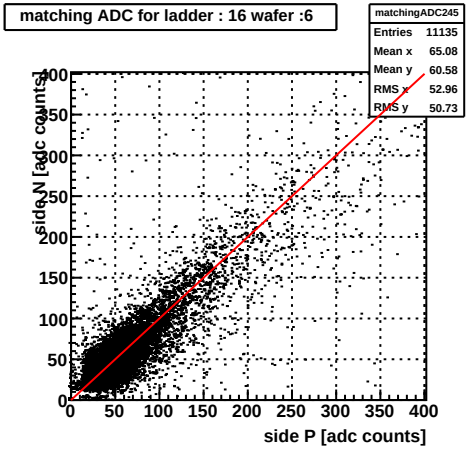

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 6655
Mean x 75.64
Mean y 68.99
RMS x 56.6
RMS y 51.91
side N [adc counts]
side P [adc counts]

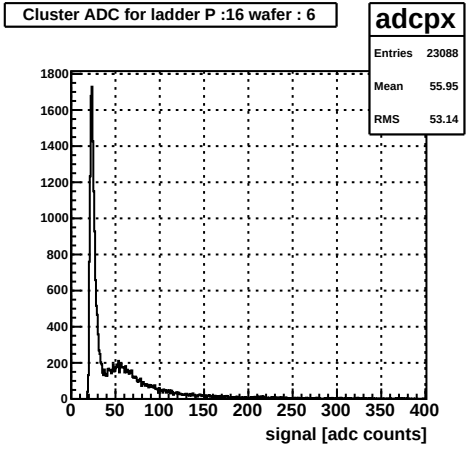

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 25014
Mean 48.7
RMS 48.72
signal [adc counts]

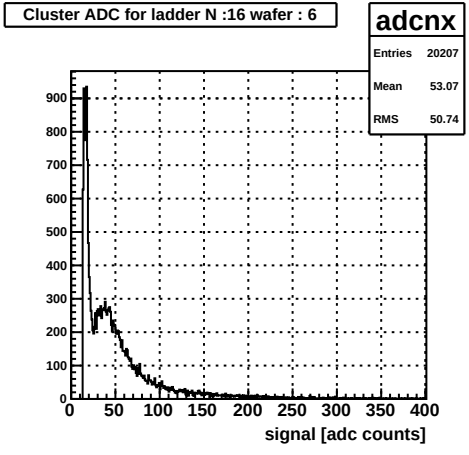

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 15098
Mean 66.18
RMS 54.7
signal [adc counts]

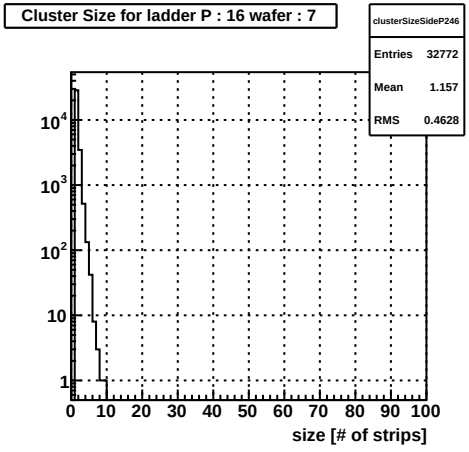

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 23088
Mean 1.2
RMS 0.512
size [# of strips]

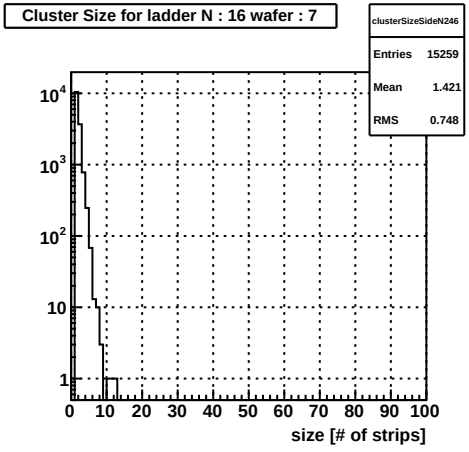

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 20207
Mean 1.403
RMS 0.7261
size [# of strips]

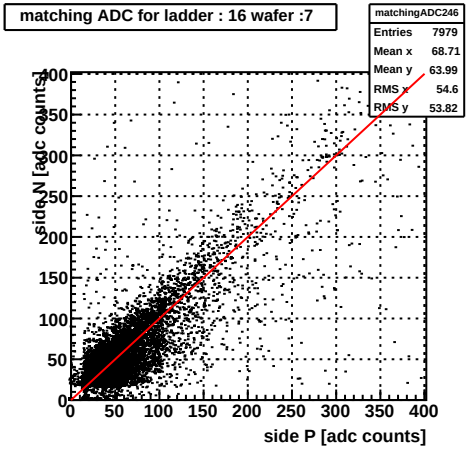

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 11135
Mean x 65.08
Mean y 60.58
RMS x 52.96
RMS y 50.73
side N [adc counts]
side P [adc counts]

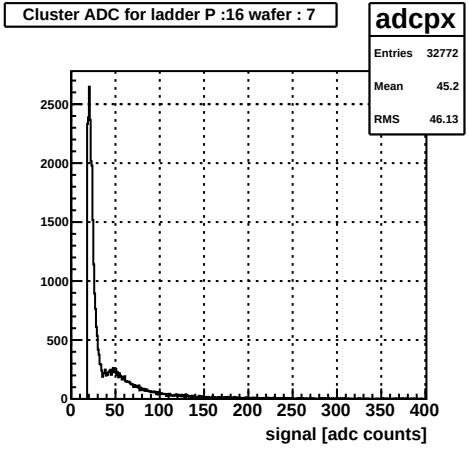

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 23088
Mean 55.95
RMS 53.14
signal [adc counts]

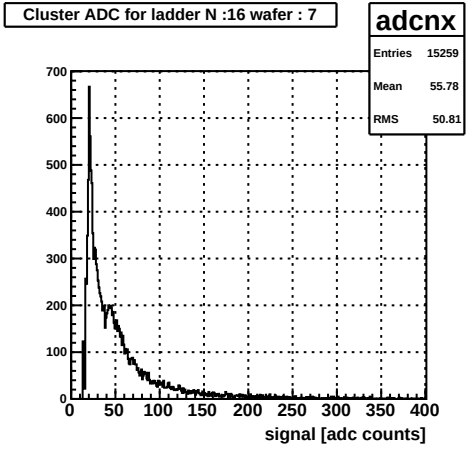

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 20207
Mean 53.07
RMS 50.74
signal [adc counts]

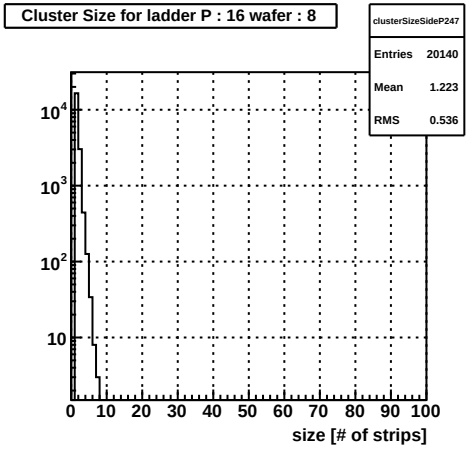

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 32772
Mean 1.157
RMS 0.4628
size [# of strips]

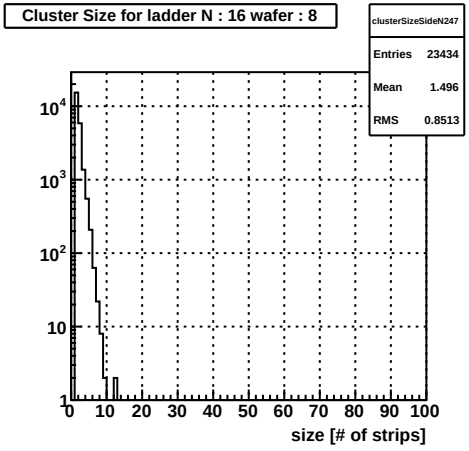

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 15259
Mean 1.421
RMS 0.748
size [# of strips]

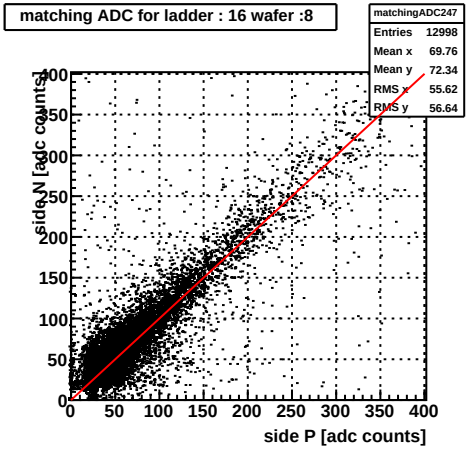

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 7979
Mean x 68.71
Mean y 63.99
RMS x 54.6
RMS y 53.82
side N [adc counts]
side P [adc counts]

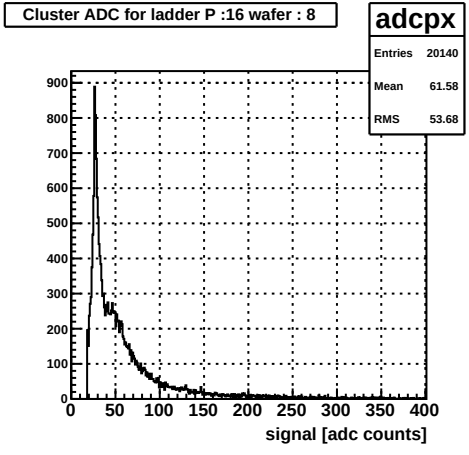

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 32772
Mean 45.2
RMS 46.13
signal [adc counts]

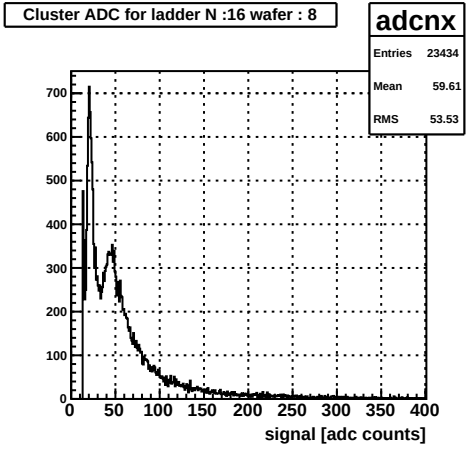

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 15259
Mean 55.78
RMS 50.81
signal [adc counts]

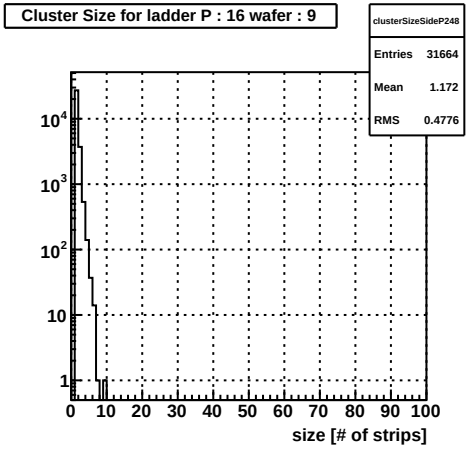

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 20140
Mean 1.223
RMS 0.536
size [# of strips]

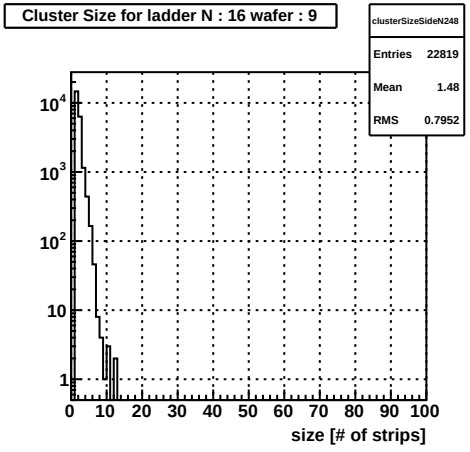

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 23434
Mean 1.496
RMS 0.8513
size [# of strips]

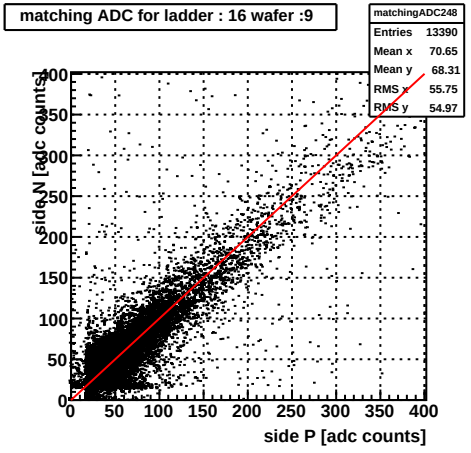

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 12998
Mean x 69.76
Mean y 72.34
RMS x 55.62
RMS y 56.64
side N [adc counts]
side P [adc counts]

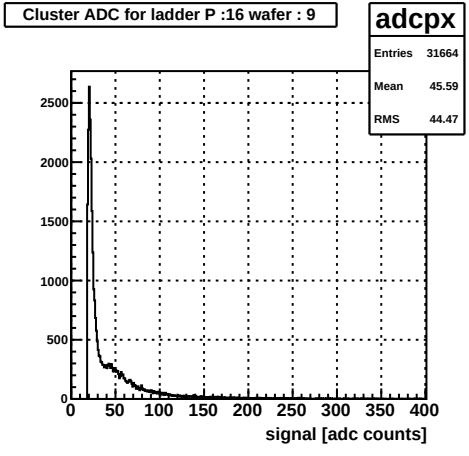

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 20140
Mean 61.58
RMS 53.68
signal [adc counts]

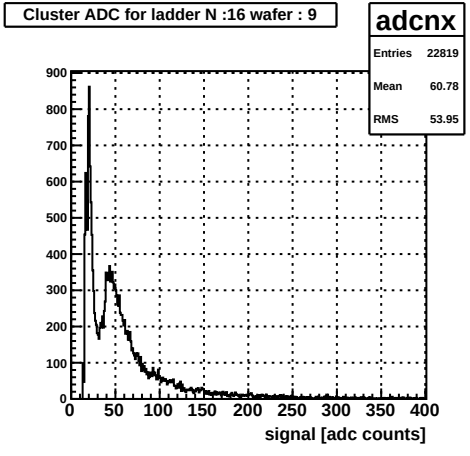

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 23434
Mean 59.61
RMS 53.53
signal [adc counts]

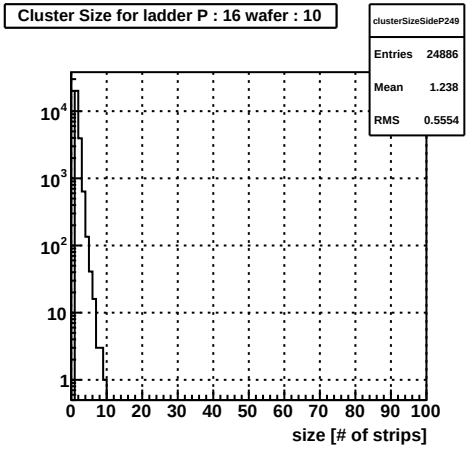

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 31664
Mean 1.172
RMS 0.4776
size [# of strips]

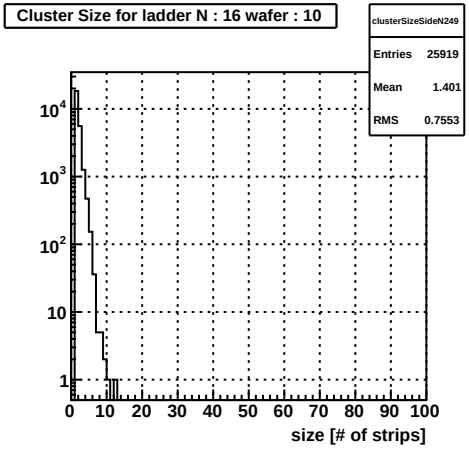

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 22819
Mean 1.48
RMS 0.7952
size [# of strips]

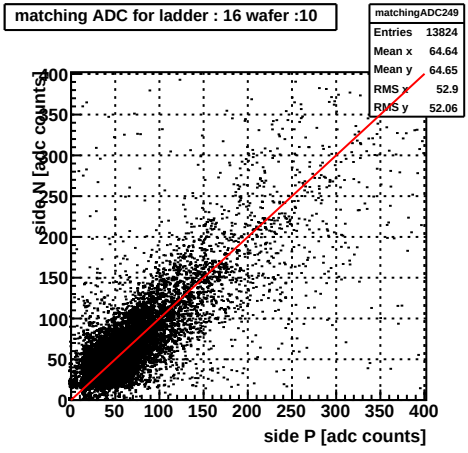

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 13390
Mean x 70.65
Mean y 68.31
RMS x 55.75
RMS y 54.97
side N [adc counts]
side P [adc counts]

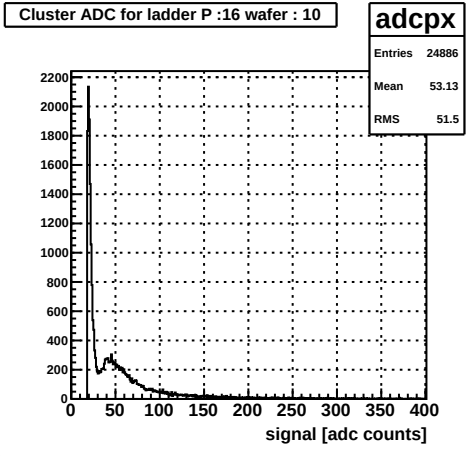

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 31664
Mean 45.59
RMS 44.47
signal [adc counts]

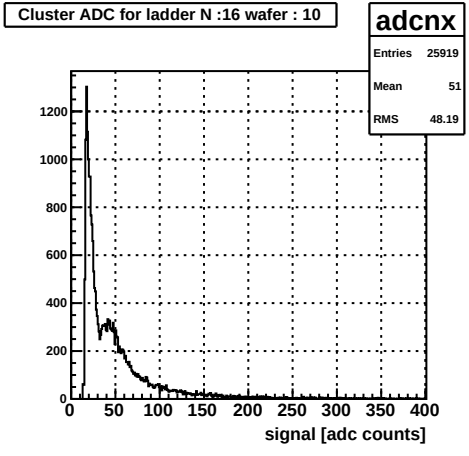

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 22819
Mean 60.78
RMS 53.95
signal [adc counts]

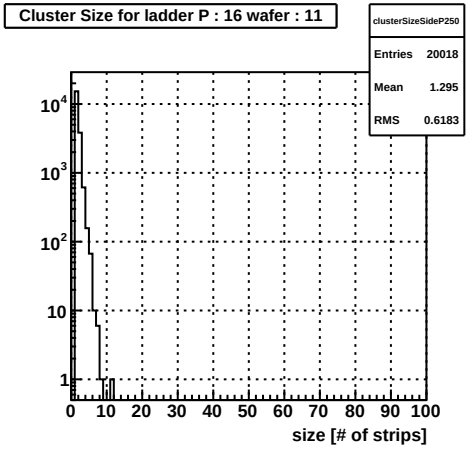

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 24886
Mean 1.238
RMS 0.5554
size [# of strips]

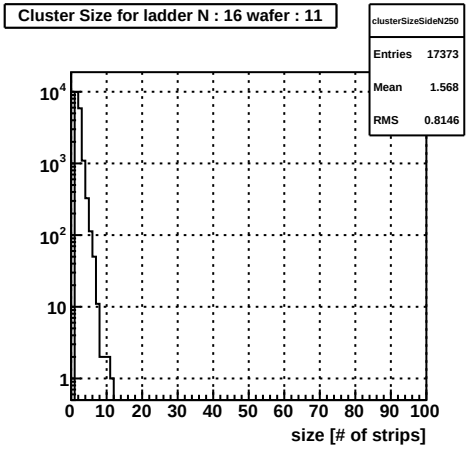

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 25919
Mean 1.401
RMS 0.7553
size [# of strips]

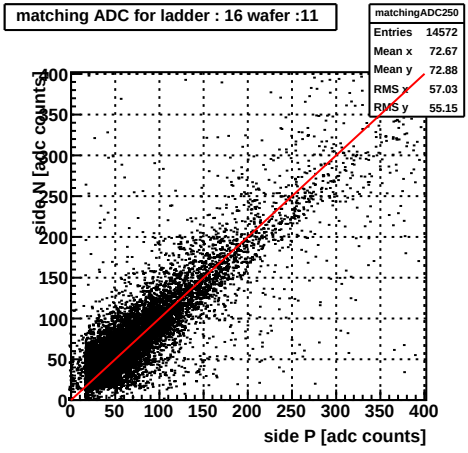

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 13824
Mean x 64.64
Mean y 64.65
RMS x 52.9
RMS y 52.06
side N [adc counts]
side P [adc counts]

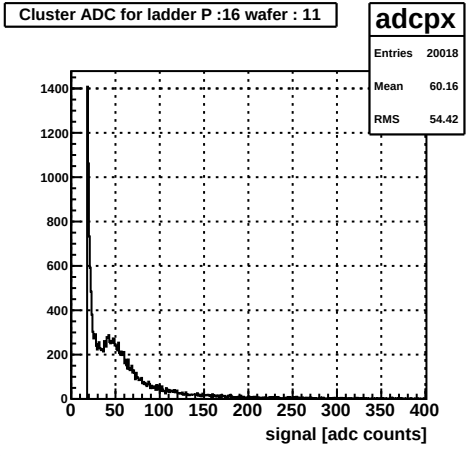

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 24886
Mean 53.13
RMS 51.5
signal [adc counts]

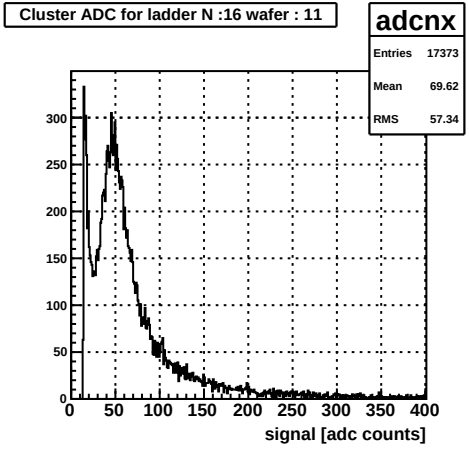

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 25919
Mean 51
RMS 48.19
signal [adc counts]

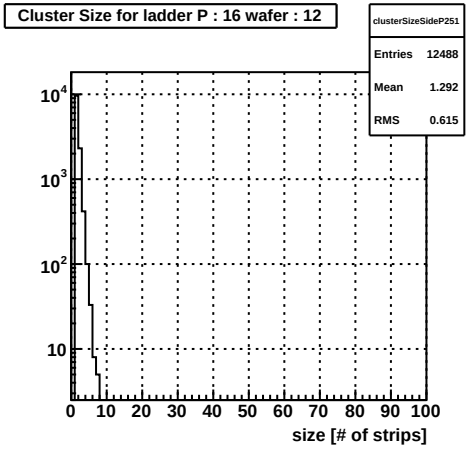

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 20018
Mean 1.295
RMS 0.6183
size [# of strips]

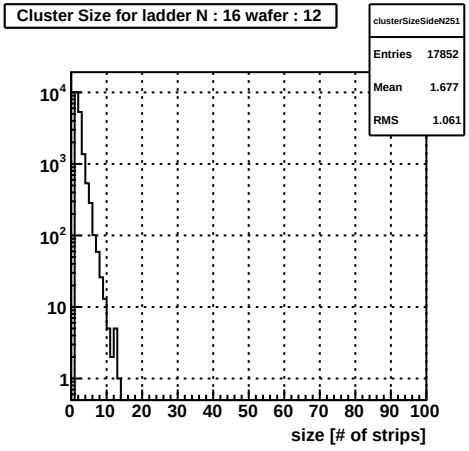

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 17373
Mean 1.568
RMS 0.8146
size [# of strips]

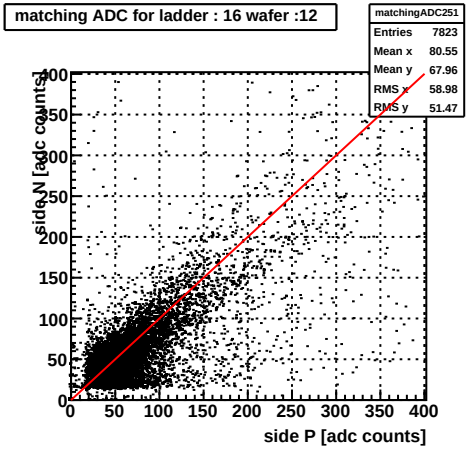

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 14572
Mean x 72.67
Mean y 72.88
RMS x 57.03
RMS y 55.15
side N [adc counts]
side P [adc counts]

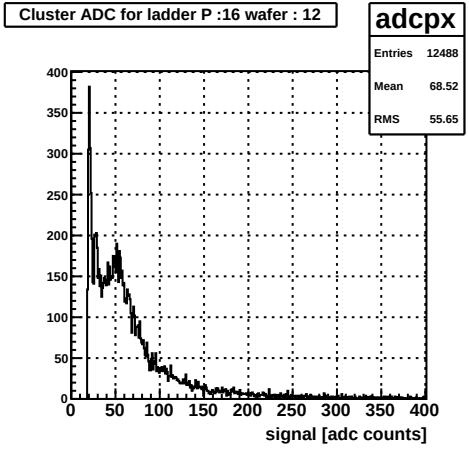

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 20018
Mean 60.16
RMS 54.42
signal [adc counts]

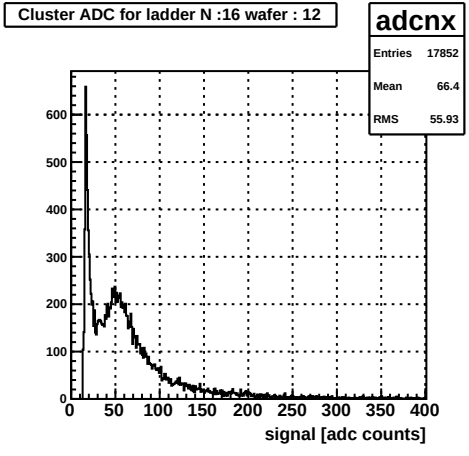

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 17373
Mean 69.62
RMS 57.34
signal [adc counts]

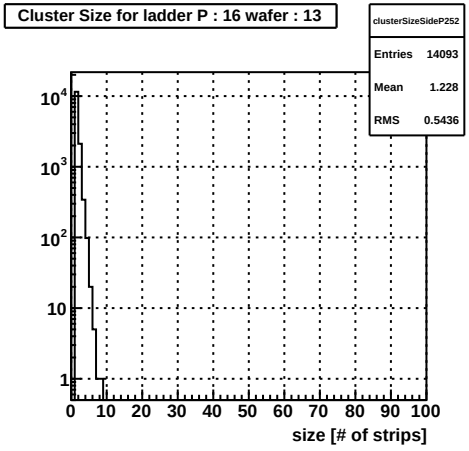

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 12488
Mean 1.292
RMS 0.615
size [# of strips]

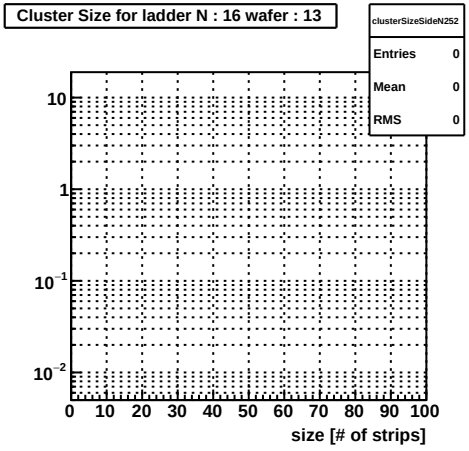

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 17852
Mean 1.677
RMS 1.061
size [# of strips]

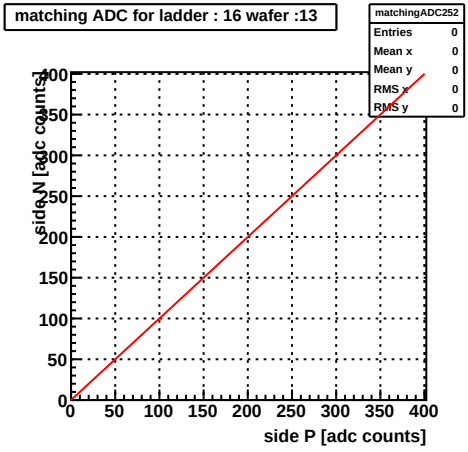

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 7823
Mean x 80.55
Mean y 67.96
RMS x 58.98
RMS y 51.47
side N [adc counts]
side P [adc counts]

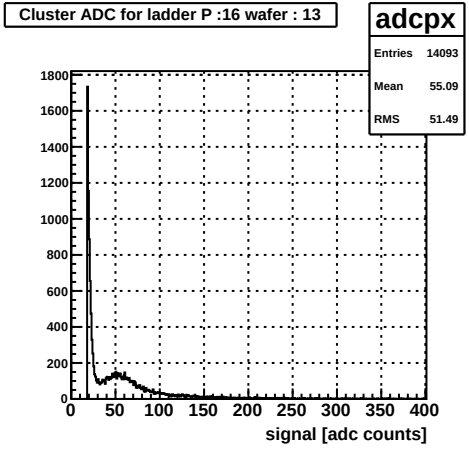

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 12488
Mean 68.52
RMS 55.65
signal [adc counts]

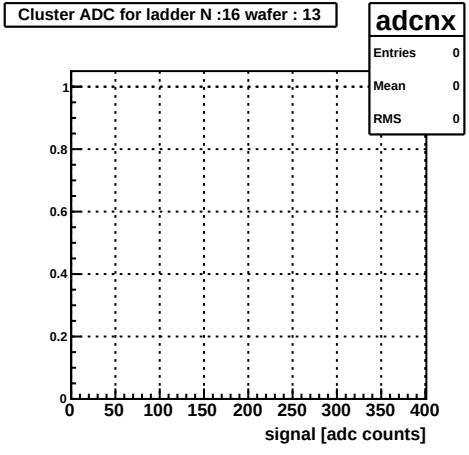

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 17852
Mean 66.4
RMS 55.93
signal [adc counts]

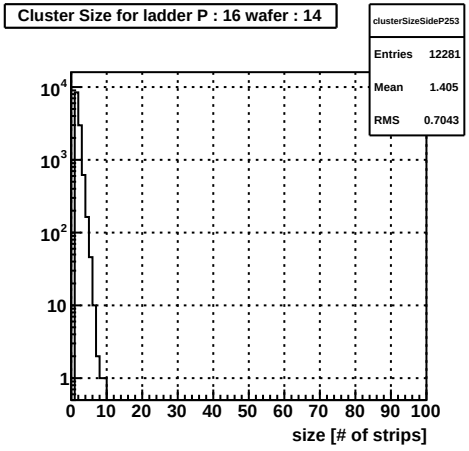

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 14093
Mean 1.228
RMS 0.5436
size [# of strips]

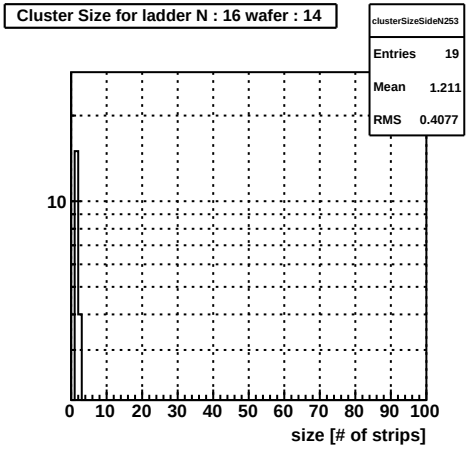

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

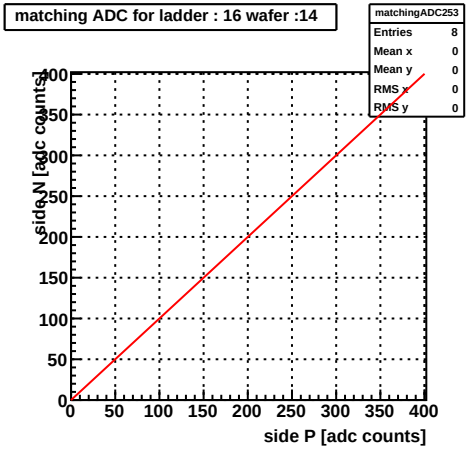

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

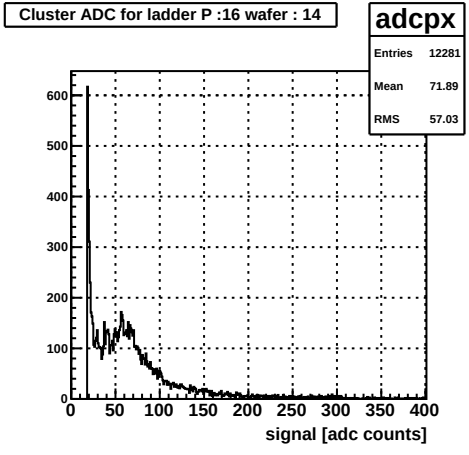

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 14093
Mean 55.09
RMS 51.49
signal [adc counts]

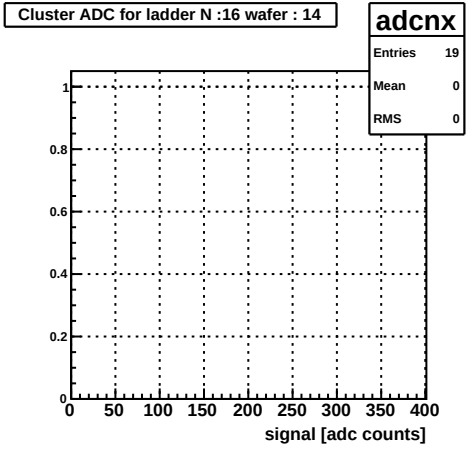

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

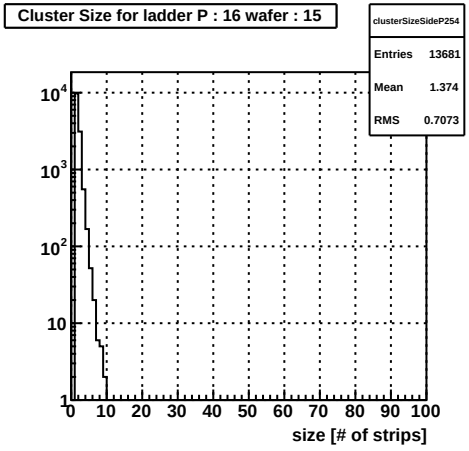

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 12281
Mean 1.405
RMS 0.7043
size [# of strips]

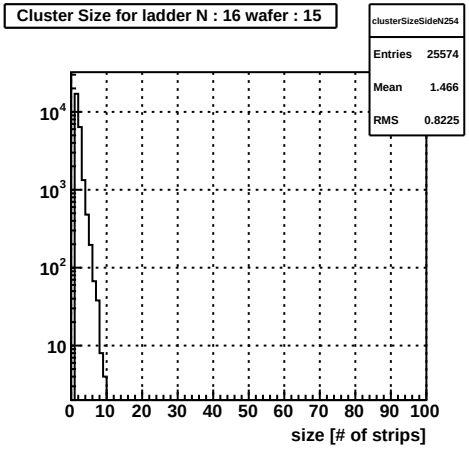

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 19
Mean 1.211
RMS 0.4077
size [# of strips]

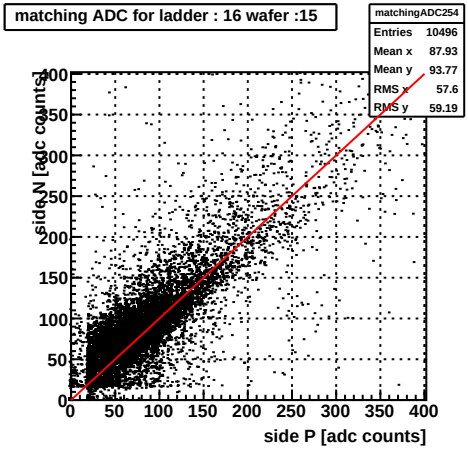

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

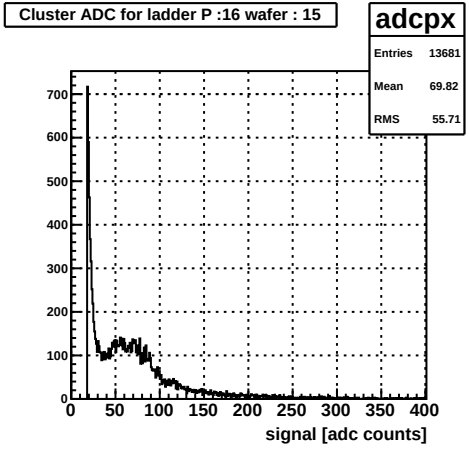

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 12281
Mean 71.89
RMS 57.03
signal [adc counts]

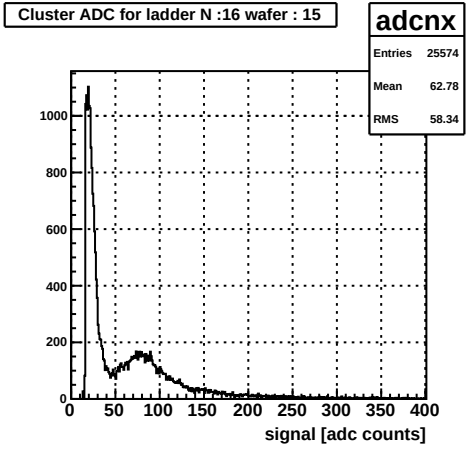

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 19
Mean 0
RMS 0
signal [adc counts]

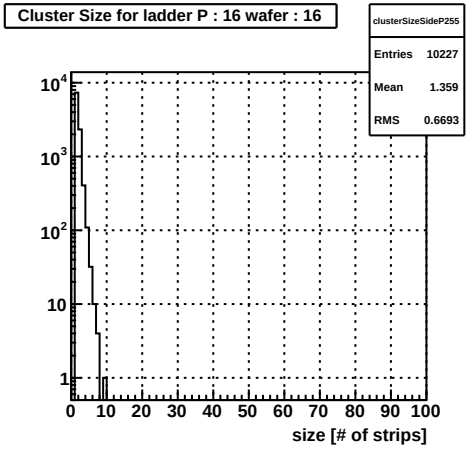

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 13681
Mean 1.374
RMS 0.7073
size [# of strips]

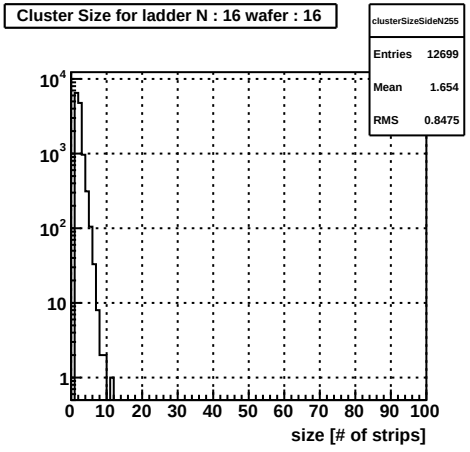

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 25574
Mean 1.466
RMS 0.8225
size [# of strips]

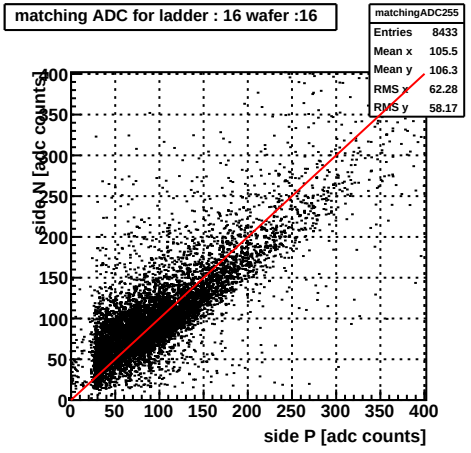

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 10496
Mean x 87.93
Mean y 93.77
RMS x 57.6
RMS y 59.19
side N [adc counts]
side P [adc counts]

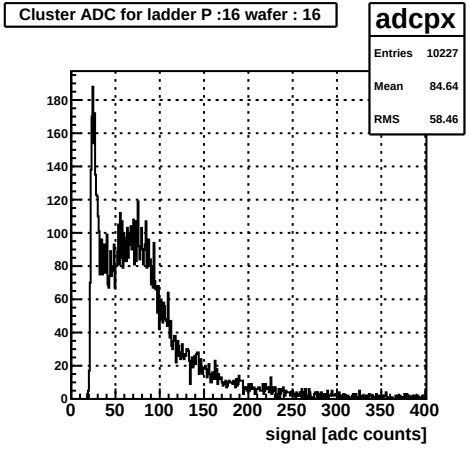

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 13681
Mean 69.82
RMS 55.71
signal [adc counts]

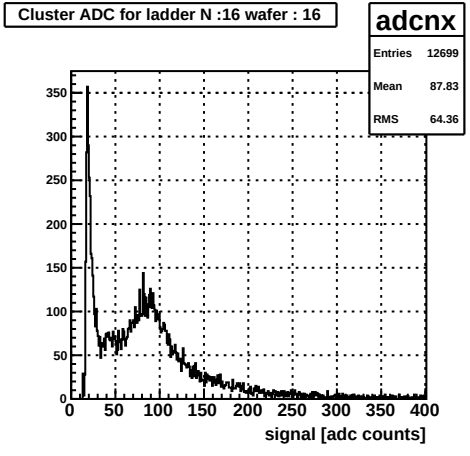

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 25574
Mean 62.78
RMS 58.34
signal [adc counts]

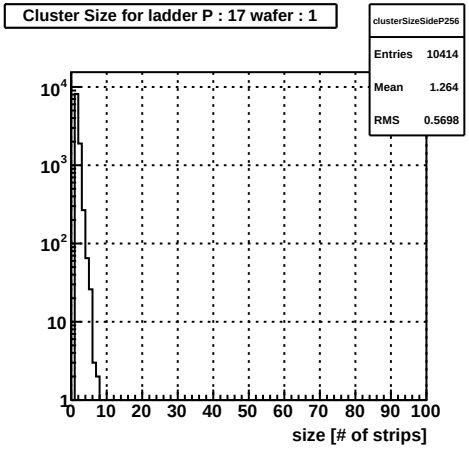

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 10227
Mean 1.359
RMS 0.6693
size [# of strips]

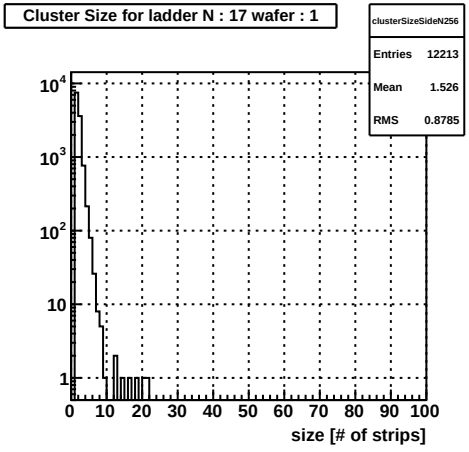

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 12699
Mean 1.654
RMS 0.8475
size [# of strips]

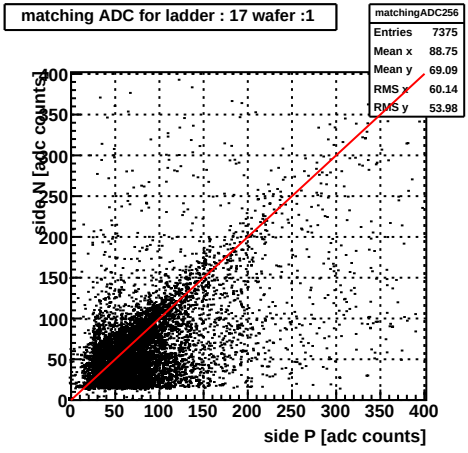

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 8433
Mean x 105.5
Mean y 106.3
RMS x 62.28
RMS y 58.17
side N [adc counts]
side P [adc counts]

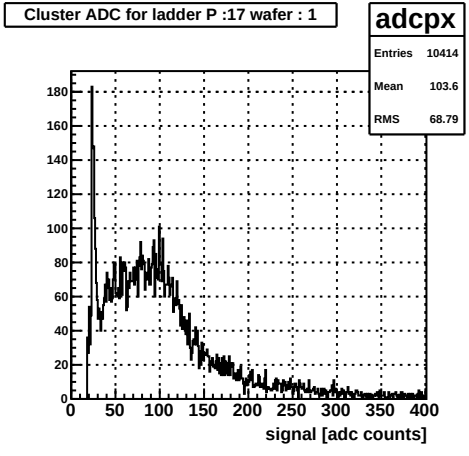

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 10227
Mean 84.64
RMS 58.46
signal [adc counts]

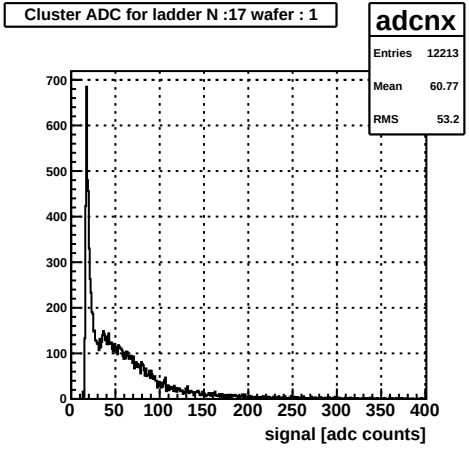

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 12699
Mean 87.83
RMS 64.36
signal [adc counts]

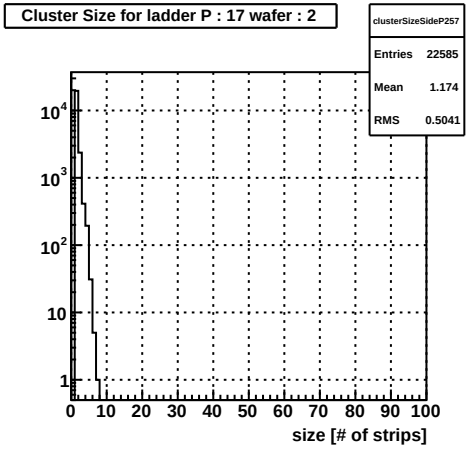

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 10414
Mean 1.264
RMS 0.5698
size [# of strips]

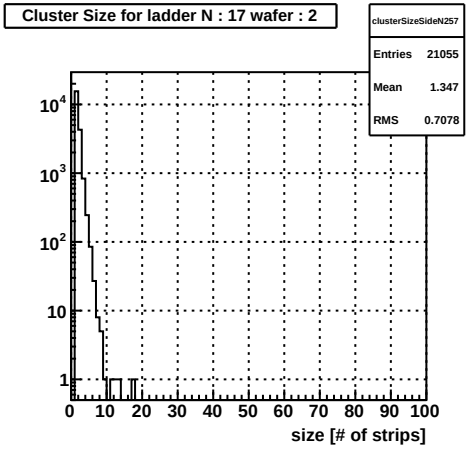

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 12213
Mean 1.526
RMS 0.8785
size [# of strips]

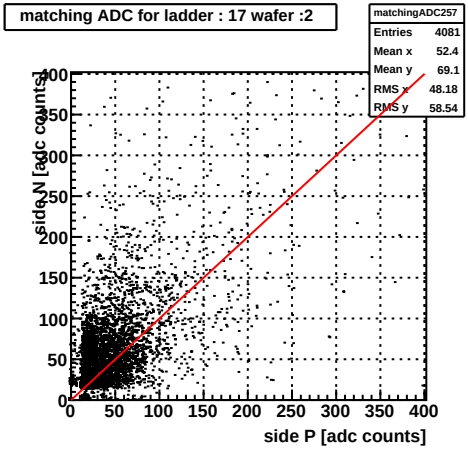

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 7375
Mean x 88.75
Mean y 69.09
RMS x 60.14
RMS y 53.98
side N [adc counts]
side P [adc counts]

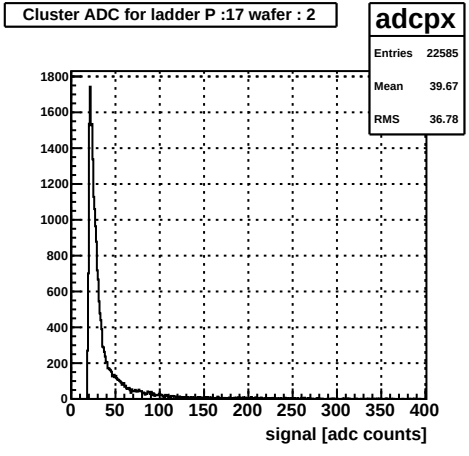

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 10414
Mean 103.6
RMS 68.79
signal [adc counts]

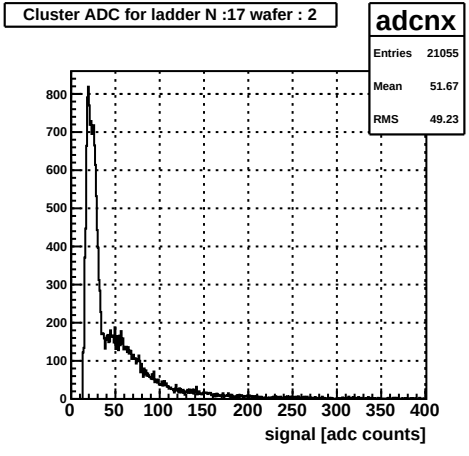

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 12213
Mean 60.77
RMS 53.2
signal [adc counts]

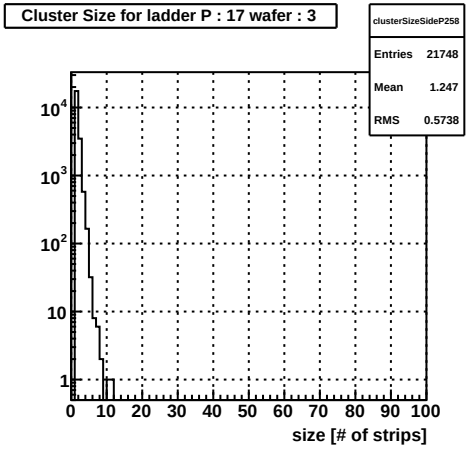

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 22585
Mean 1.174
RMS 0.5041
size [# of strips]

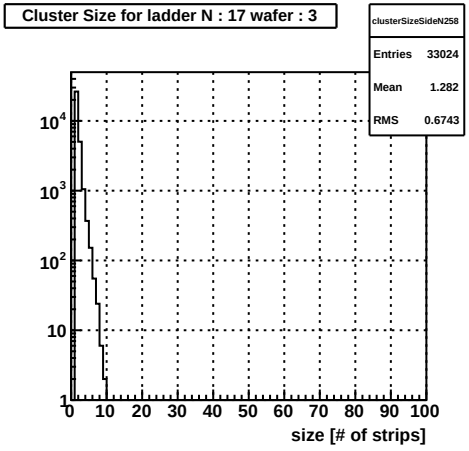

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 21055
Mean 1.347
RMS 0.7078
size [# of strips]

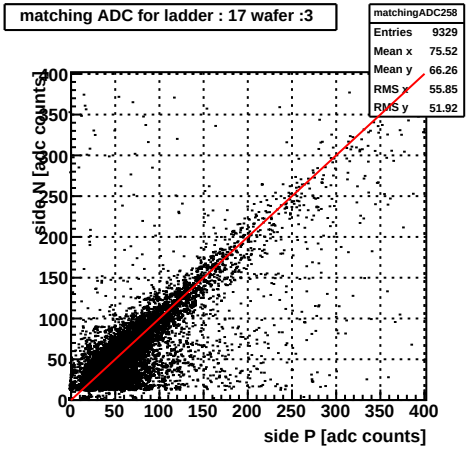

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 4081
Mean x 52.4
Mean y 69.1
RMS x 48.18
RMS y 58.54
side N [adc counts]
side P [adc counts]

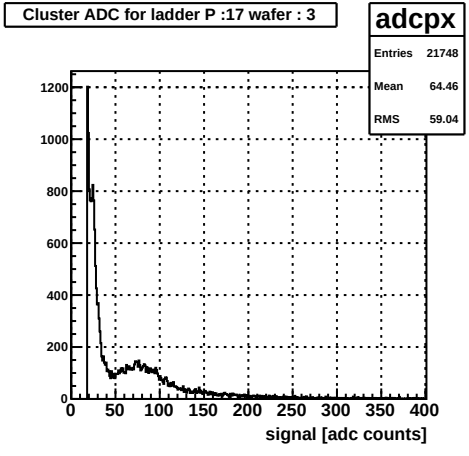

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 22585
Mean 39.67
RMS 36.78
signal [adc counts]

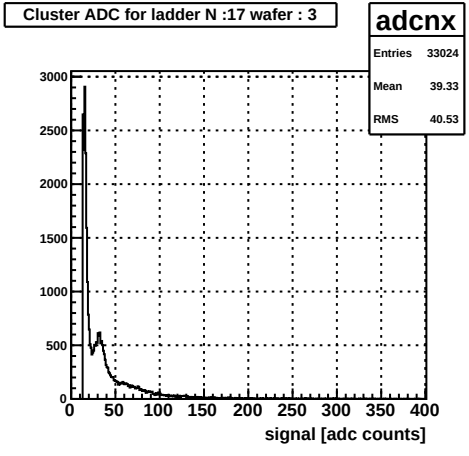

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 21055
Mean 51.67
RMS 49.23
signal [adc counts]

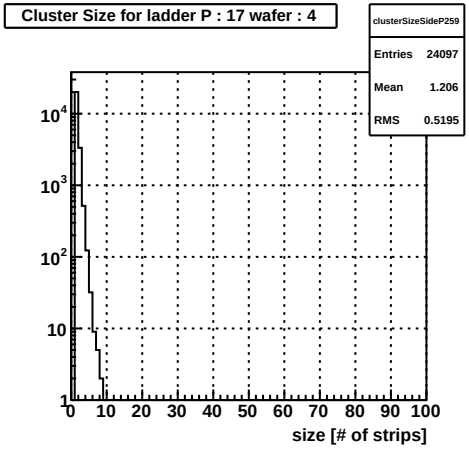

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 21748
Mean 1.247
RMS 0.5738
size [# of strips]

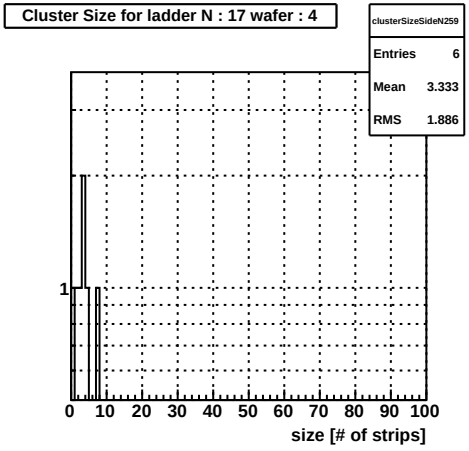

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 33024
Mean 1.282
RMS 0.6743
size [# of strips]

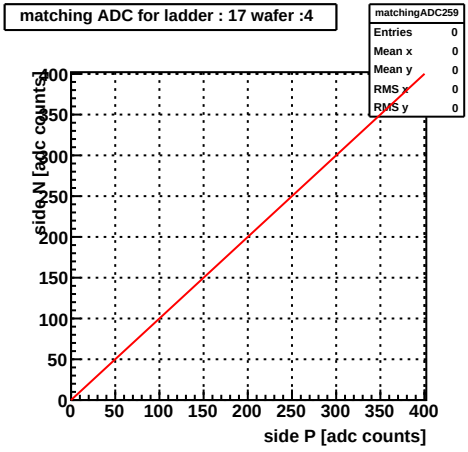

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 9329
Mean x 75.52
Mean y 66.26
RMS x 55.85
RMS y 51.92
side N [adc counts]
side P [adc counts]

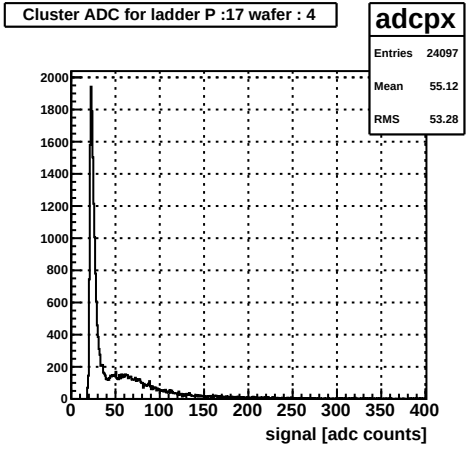

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 21748
Mean 64.46
RMS 59.04
signal [adc counts]

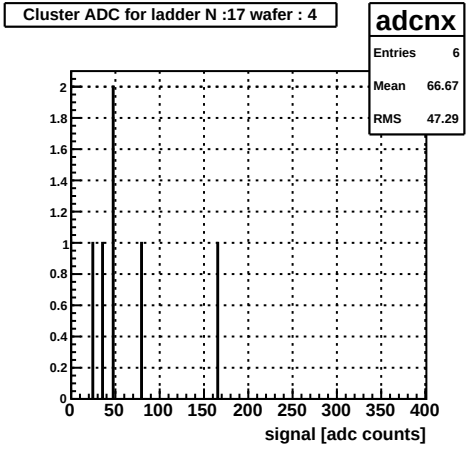

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 33024
Mean 39.33
RMS 40.53
signal [adc counts]

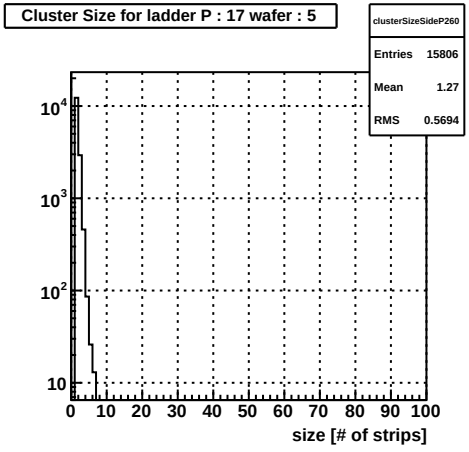

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 24097
Mean 1.206
RMS 0.5195
size [# of strips]

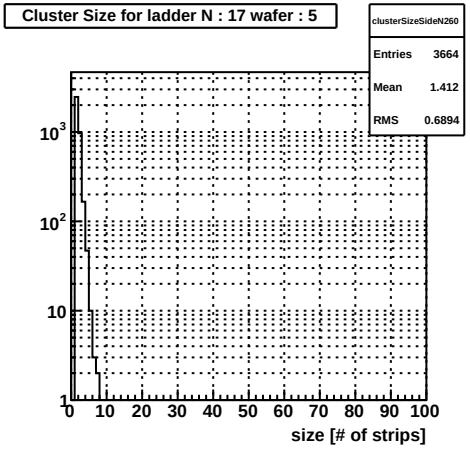

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 6
Mean 3.333
RMS 1.886
size [# of strips]

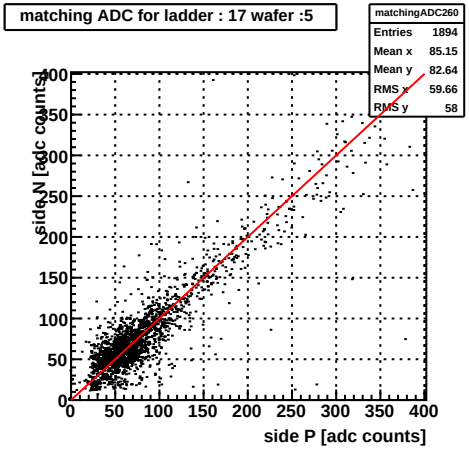

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

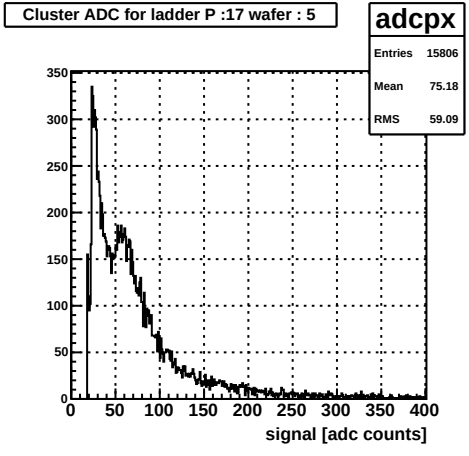

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 24097
Mean 55.12
RMS 53.28
signal [adc counts]

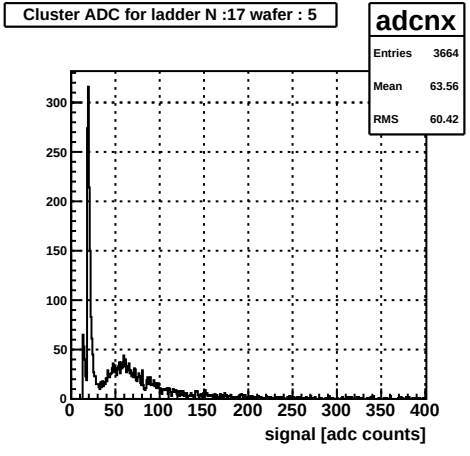

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 6
Mean 66.67
RMS 47.29
signal [adc counts]

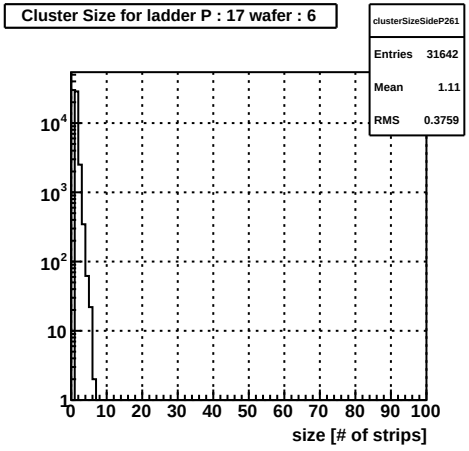

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 15806
Mean 1.27
RMS 0.5694
size [# of strips]

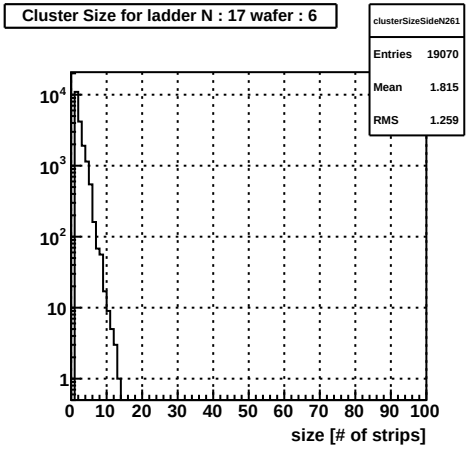

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 3664
Mean 1.412
RMS 0.6894
size [# of strips]

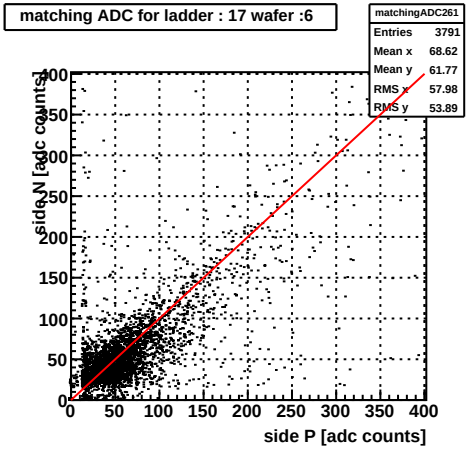

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 1894
Mean x 85.15
Mean y 82.64
RMS x 59.66
RMS y 58
side N [adc counts]
side P [adc counts]

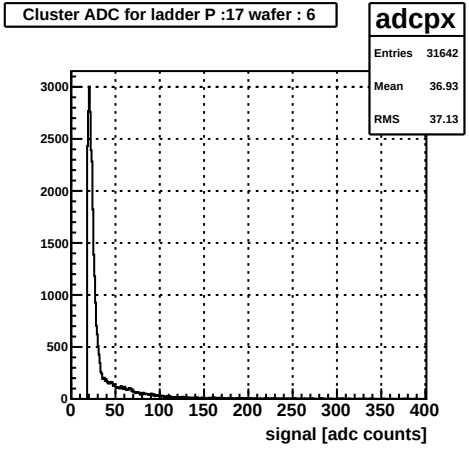

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 15806
Mean 75.18
RMS 59.09
signal [adc counts]

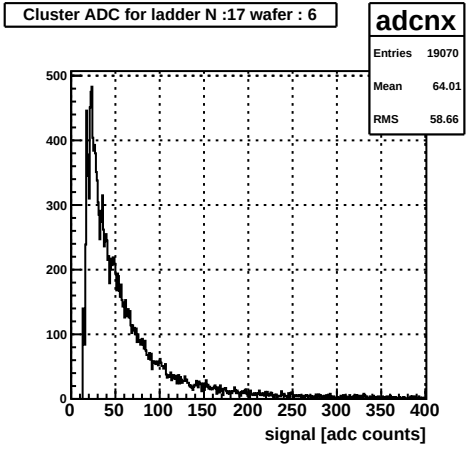

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 3664
Mean 63.56
RMS 60.42
signal [adc counts]

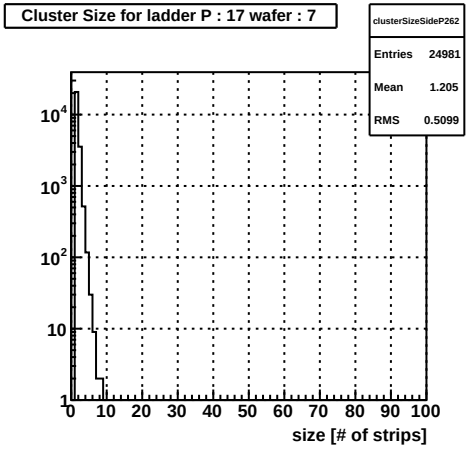

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 31642
Mean 1.11
RMS 0.3759
size [# of strips]

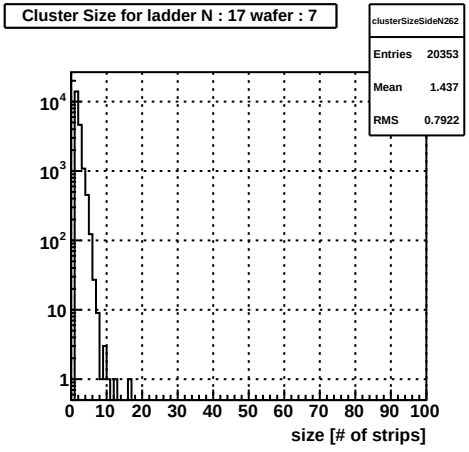

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 19070
Mean 1.815
RMS 1.259
size [# of strips]

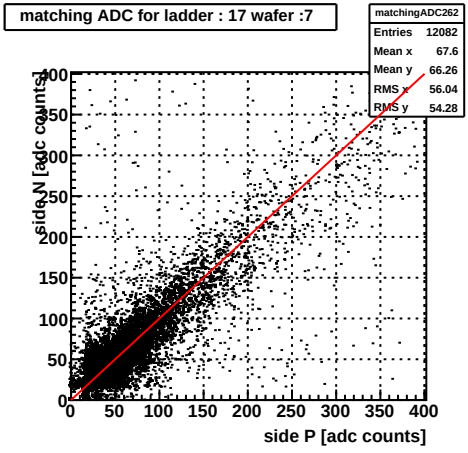

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 3791
Mean x 68.62
Mean y 61.77
RMS x 57.98
RMS y 53.89
side N [adc counts]
side P [adc counts]

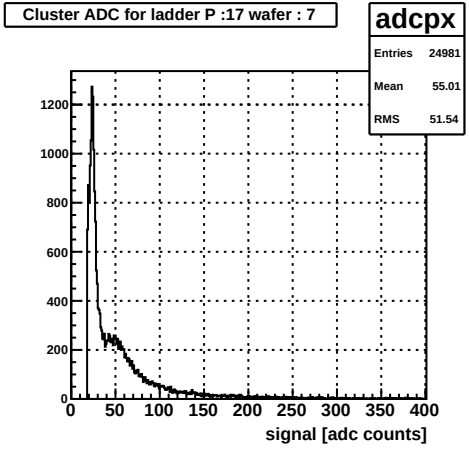

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 31642
Mean 36.93
RMS 37.13
signal [adc counts]

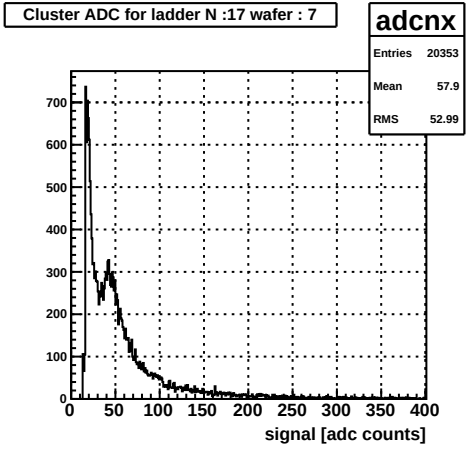

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 19070
Mean 64.01
RMS 58.66
signal [adc counts]

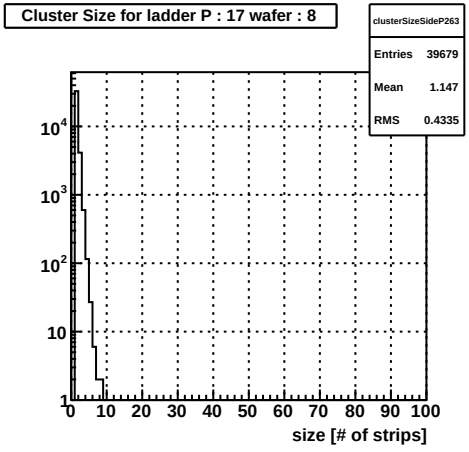

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 24981
Mean 1.205
RMS 0.5099
size [# of strips]

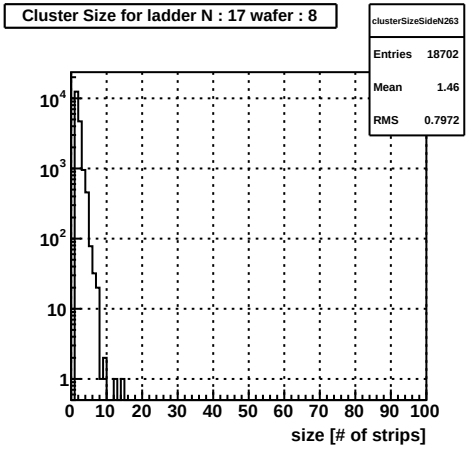

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 20353
Mean 1.437
RMS 0.7922
size [# of strips]

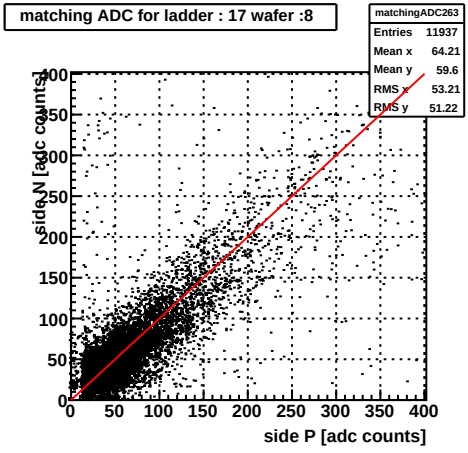

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 12082
Mean x 67.6
Mean y 66.26
RMS x 56.04
RMS y 54.28
side N [adc counts]
side P [adc counts]

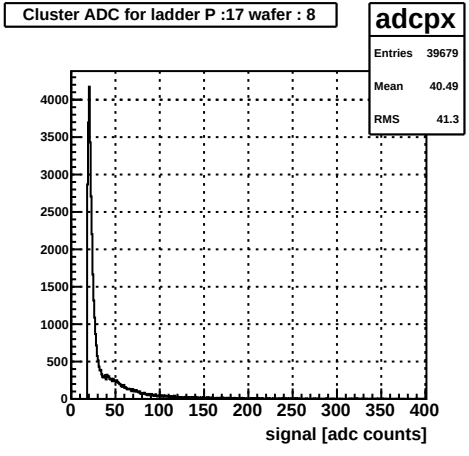

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 24981
Mean 55.01
RMS 51.54
signal [adc counts]

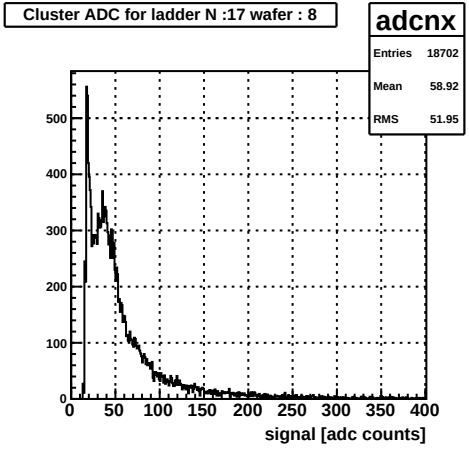

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 20353
Mean 57.9
RMS 52.99
signal [adc counts]

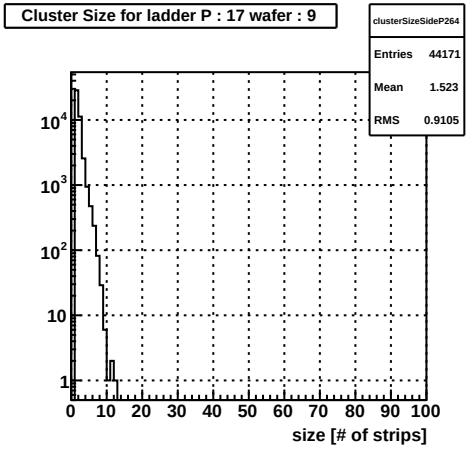

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 39679
Mean 1.147
RMS 0.4335
size [# of strips]

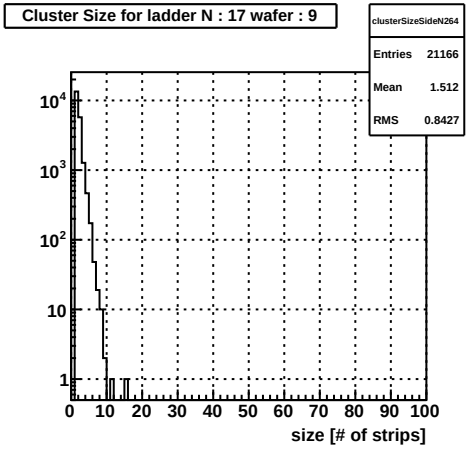

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 18702
Mean 1.46
RMS 0.7972
size [# of strips]

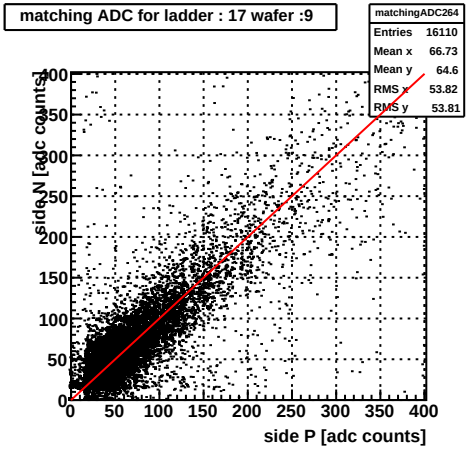

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 11937
Mean x 64.21
Mean y 59.6
RMS x 53.21
RMS y 51.22
side N [adc counts]
side P [adc counts]

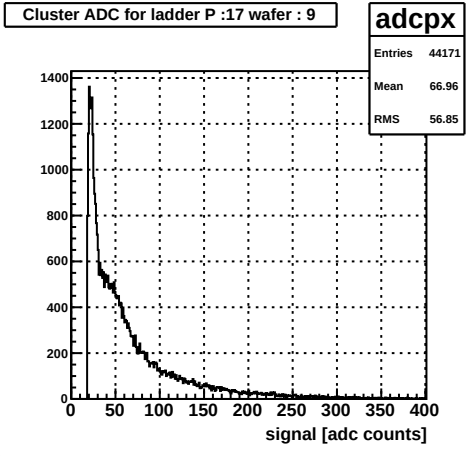

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 39679
Mean 40.49
RMS 41.3
signal [adc counts]

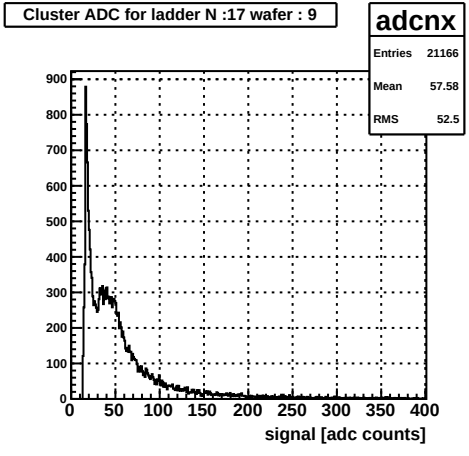

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 18702
Mean 58.92
RMS 51.95
signal [adc counts]

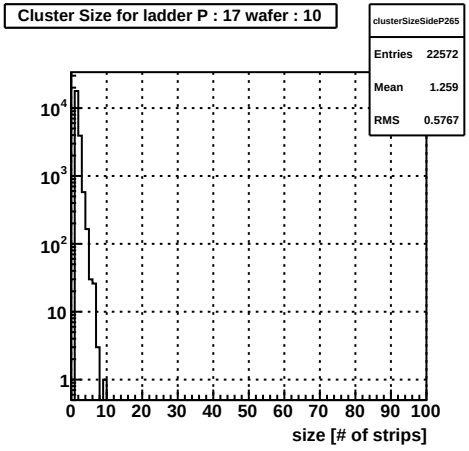

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 44171
Mean 1.523
RMS 0.9105
size [# of strips]

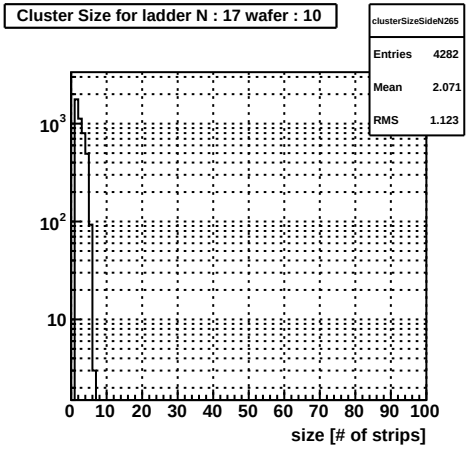

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 21166
Mean 1.512
RMS 0.8427
size [# of strips]

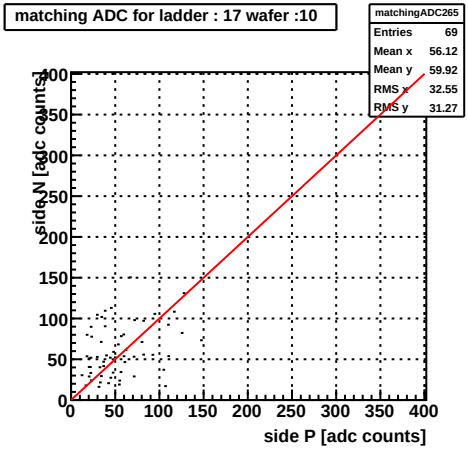

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 16110
Mean x 66.73
Mean y 64.6
RMS x 53.82
RMS y 53.81
side N [adc counts]
side P [adc counts]

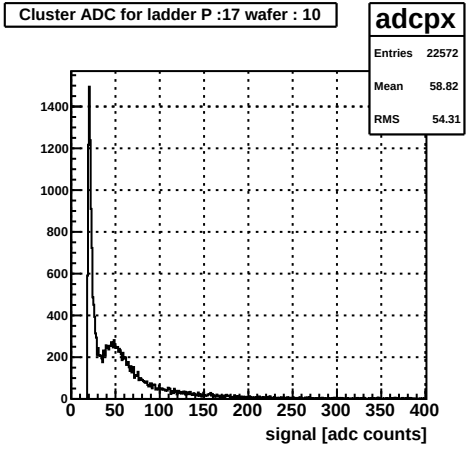

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 44171
Mean 66.96
RMS 56.85
signal [adc counts]

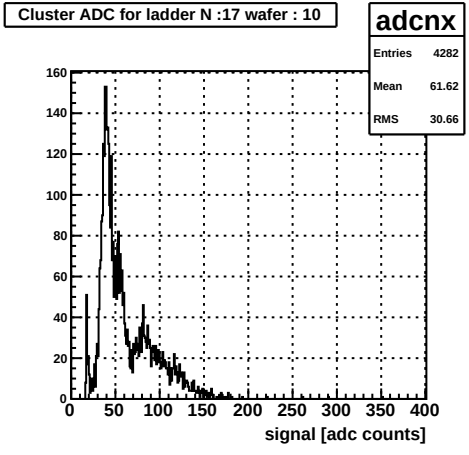

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 21166
Mean 57.58
RMS 52.5
signal [adc counts]

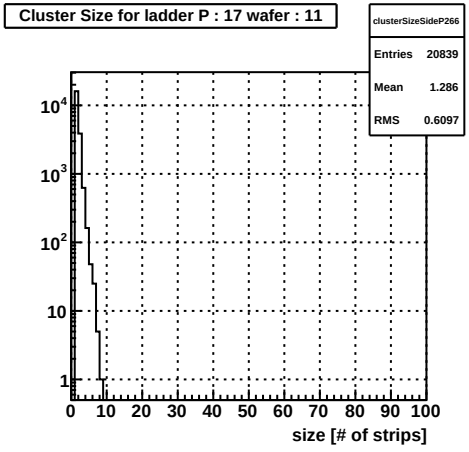

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 22572
Mean 1.259
RMS 0.5767
size [# of strips]

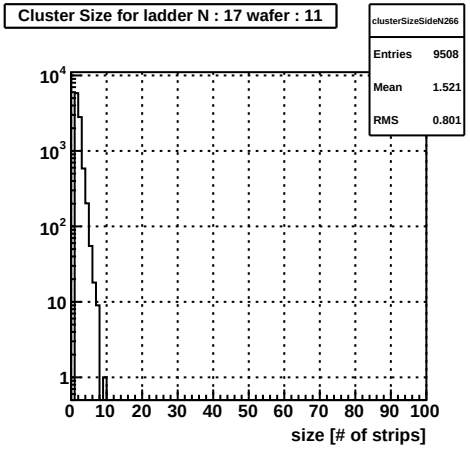

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 4282
Mean 2.071
RMS 1.123
size [# of strips]

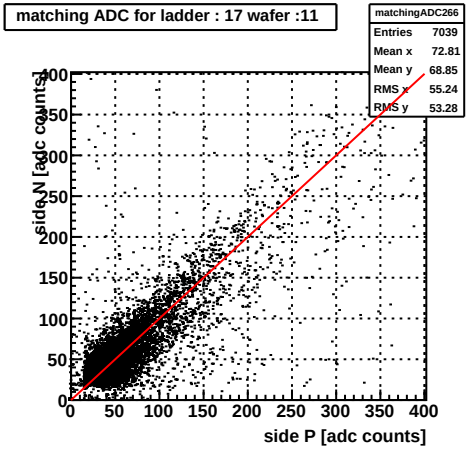

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 69
Mean x 56.12
Mean y 59.92
RMS x 32.55
RMS y 31.27
side N [adc counts]
side P [adc counts]

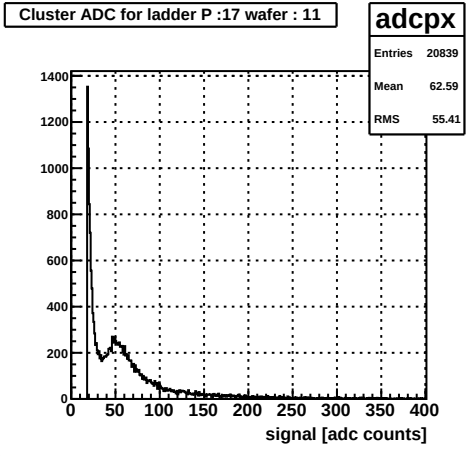

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 22572
Mean 58.82
RMS 54.31
signal [adc counts]

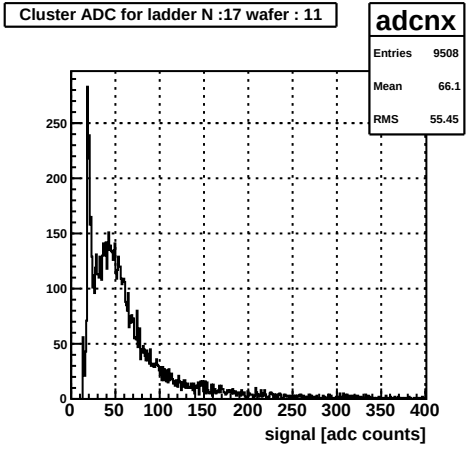

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 4282
Mean 61.62
RMS 30.66
signal [adc counts]

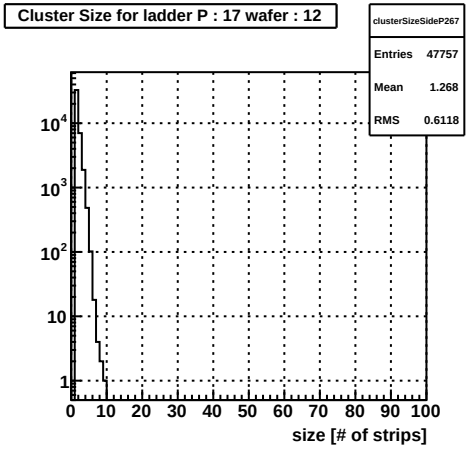

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 20839
Mean 1.286
RMS 0.6097
size [# of strips]

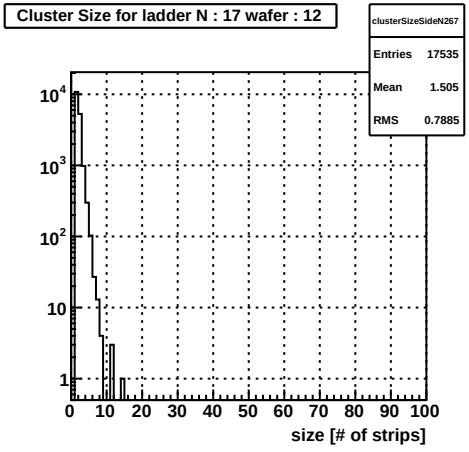

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 9508
Mean 1.521
RMS 0.801
size [# of strips]

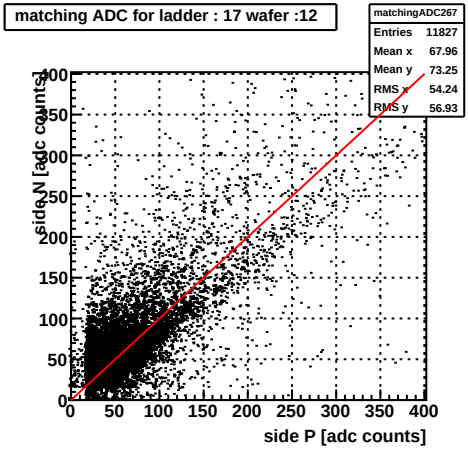

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 7039
Mean x 72.81
Mean y 68.85
RMS x 55.24
RMS y 53.28
side N [adc counts]
side P [adc counts]

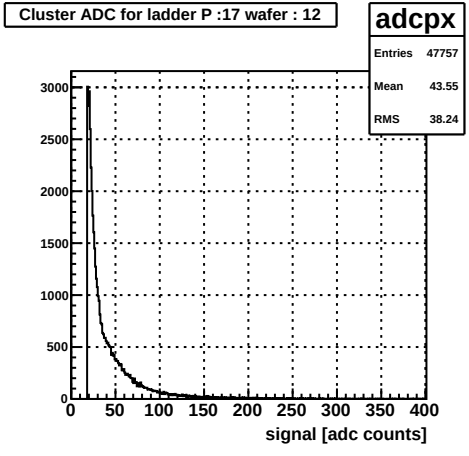

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 20839
Mean 62.59
RMS 55.41
signal [adc counts]

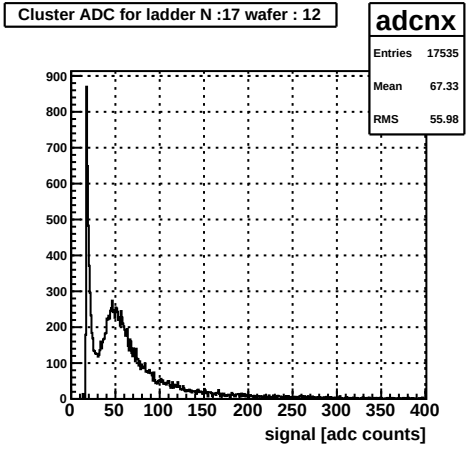

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 9508
Mean 66.1
RMS 55.45
signal [adc counts]

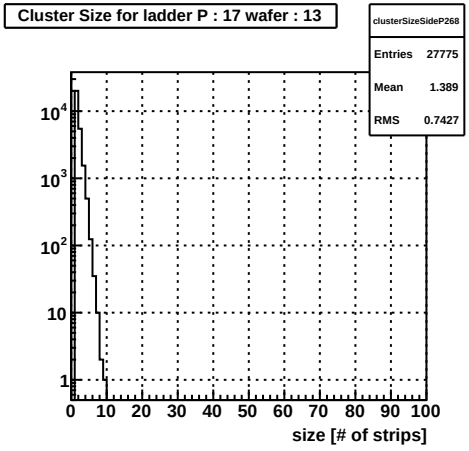

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 47757
Mean 1.268
RMS 0.6118
size [# of strips]

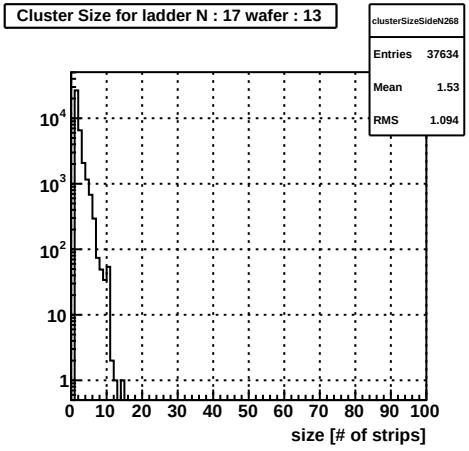

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 17535
Mean 1.505
RMS 0.7885
size [# of strips]

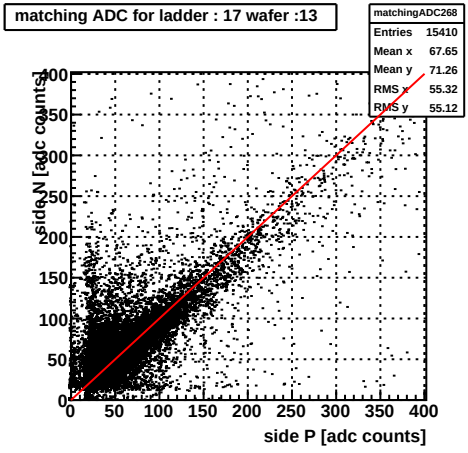

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 11827
Mean x 67.96
Mean y 73.25
RMS x 54.24
RMS y 56.93
side N [adc counts]
side P [adc counts]

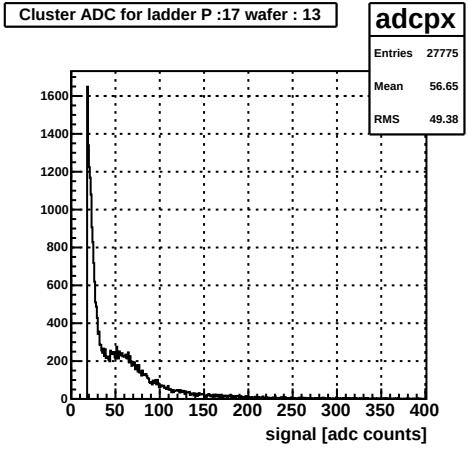

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 47757
Mean 43.55
RMS 38.24
signal [adc counts]

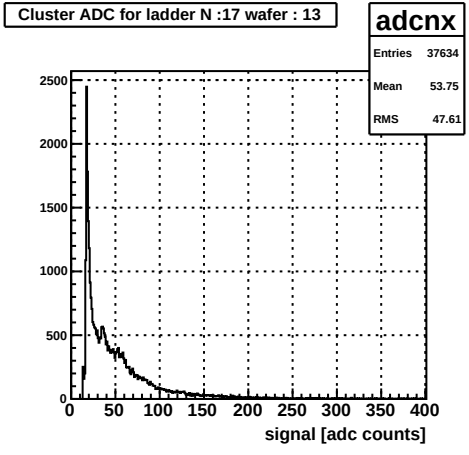

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 17535
Mean 67.33
RMS 55.98
signal [adc counts]

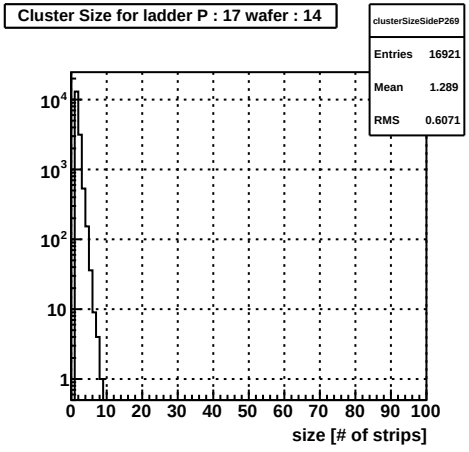

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 27775
Mean 1.389
RMS 0.7427
size [# of strips]

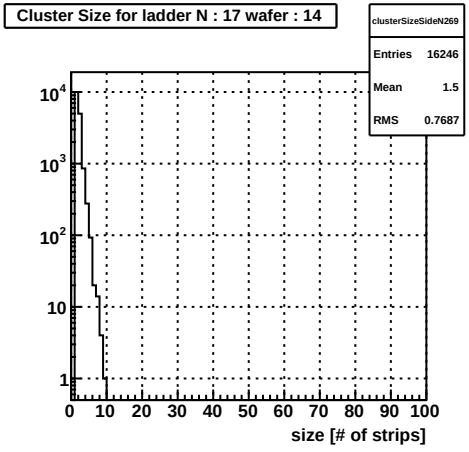

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 37634
Mean 1.53
RMS 1.094
size [# of strips]

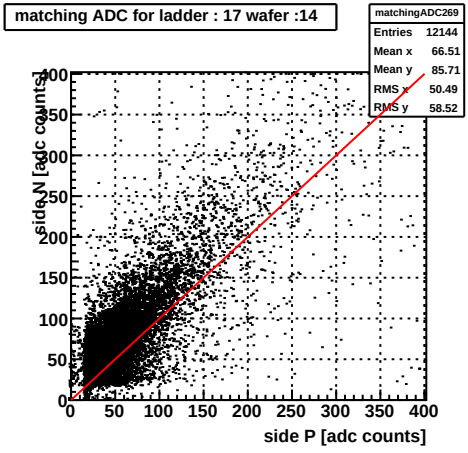

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 15410
Mean x 67.65
Mean y 71.26
RMS x 55.32
RMS y 55.12
side N [adc counts]
side P [adc counts]

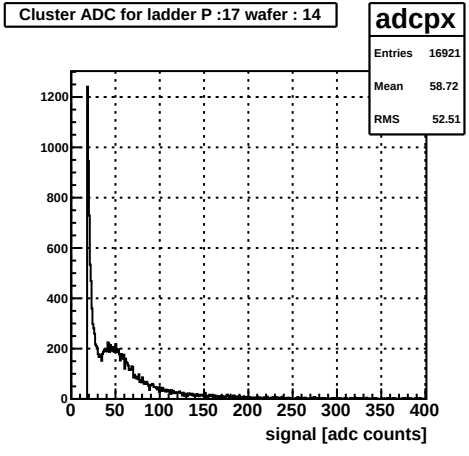

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 27775
Mean 56.65
RMS 49.38
signal [adc counts]

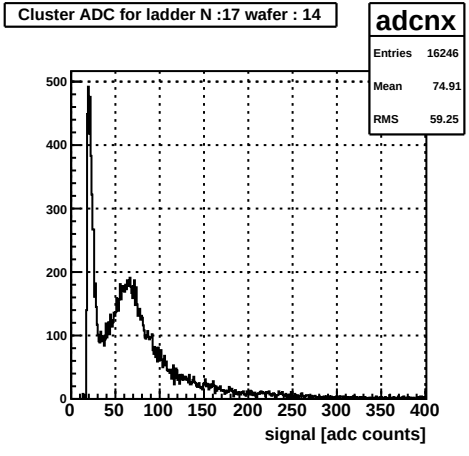

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 37634
Mean 53.75
RMS 47.61
signal [adc counts]

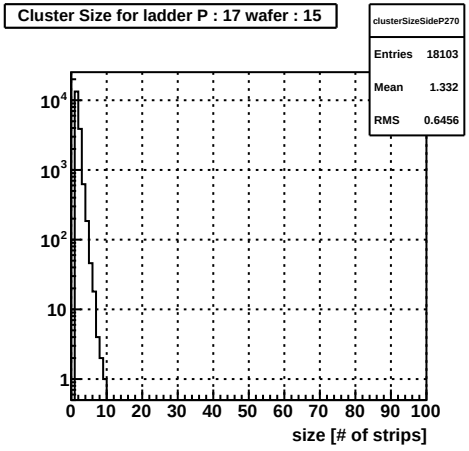

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 16921
Mean 1.289
RMS 0.6071
size [# of strips]

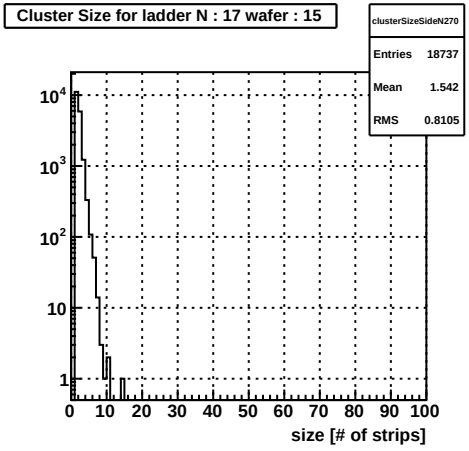

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 16246
Mean 1.5
RMS 0.7687
size [# of strips]

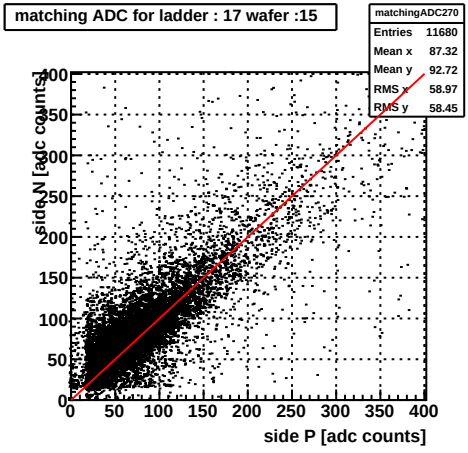

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 12144
Mean x 66.51
Mean y 85.71
RMS x 50.49
RMS y 58.52
side N [adc counts]
side P [adc counts]

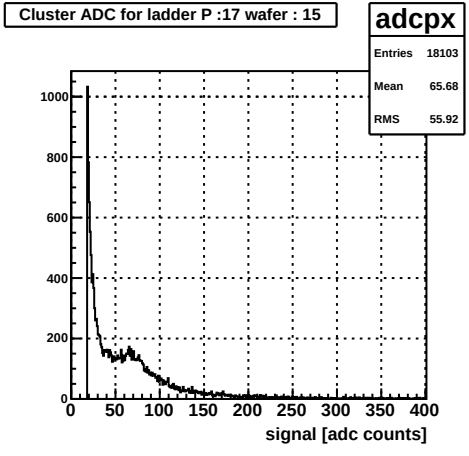

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 16921
Mean 58.72
RMS 52.51
signal [adc counts]

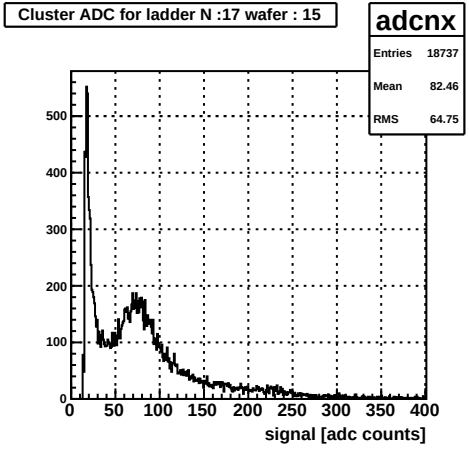

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 16246
Mean 74.91
RMS 59.25
signal [adc counts]

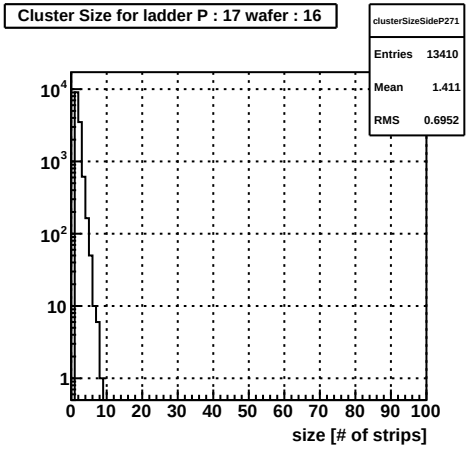

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 18103
Mean 1.332
RMS 0.6456
size [# of strips]

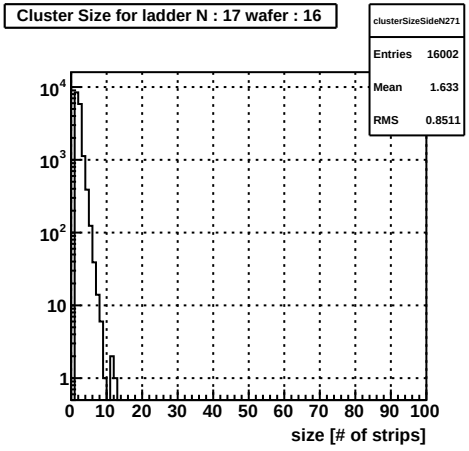

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 18737
Mean 1.542
RMS 0.8105
size [# of strips]

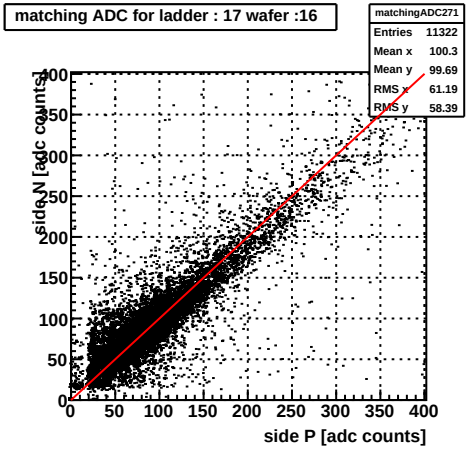

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 11680
Mean x 87.32
Mean y 92.72
RMS x 58.97
RMS y 58.45
side N [adc counts]
side P [adc counts]

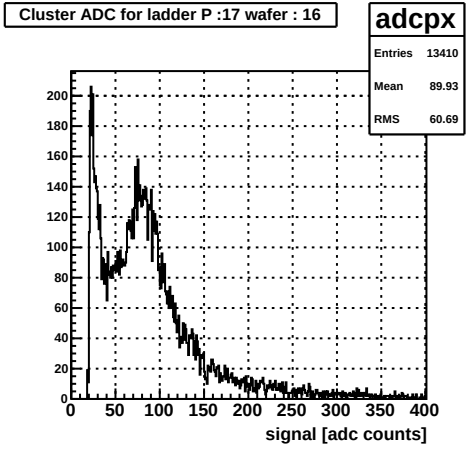

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 18103
Mean 65.68
RMS 55.92
signal [adc counts]

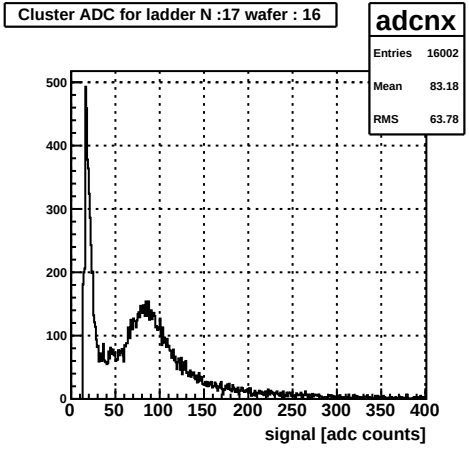

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 18737
Mean 82.46
RMS 64.75
signal [adc counts]

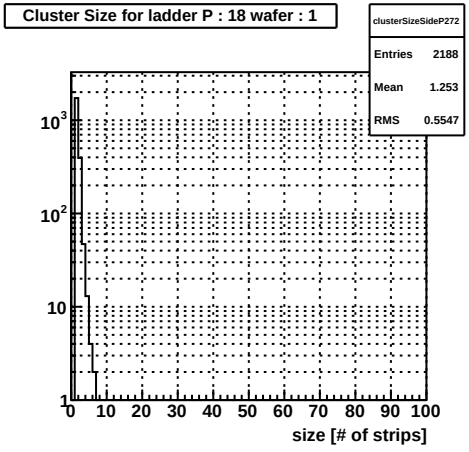

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 13410
Mean 1.411
RMS 0.6952
size [# of strips]

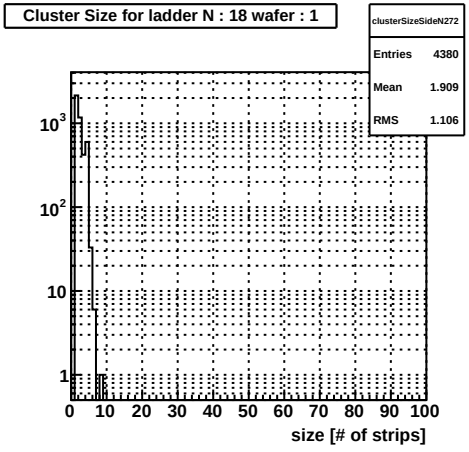

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 16002
Mean 1.633
RMS 0.8511
size [# of strips]

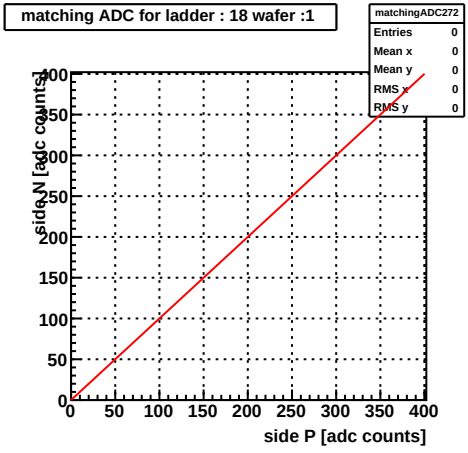

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 11322
Mean x 100.3
Mean y 99.69
RMS x 61.19
RMS y 58.39
side N [adc counts]
side P [adc counts]

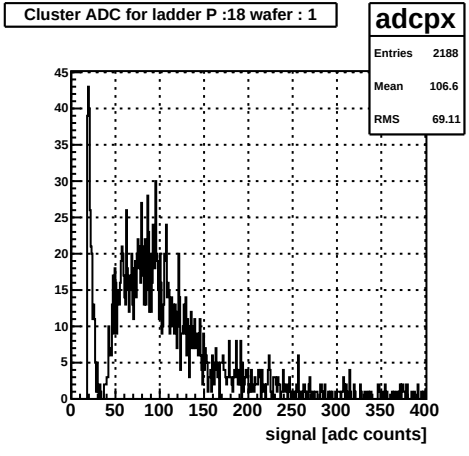

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 13410
Mean 89.93
RMS 60.69
signal [adc counts]

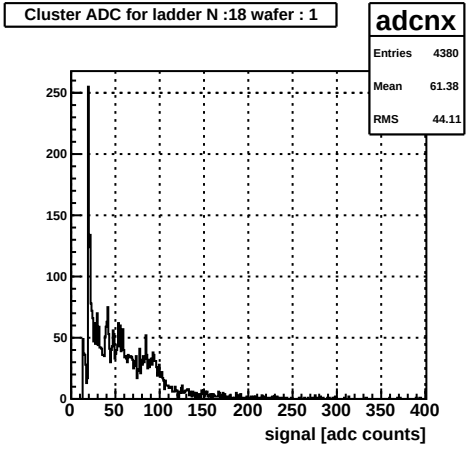

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 16002
Mean 83.18
RMS 63.78
signal [adc counts]

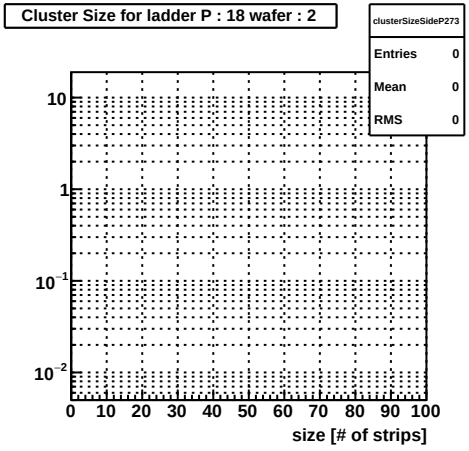

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2188
Mean 1.253
RMS 0.5547
size [# of strips]

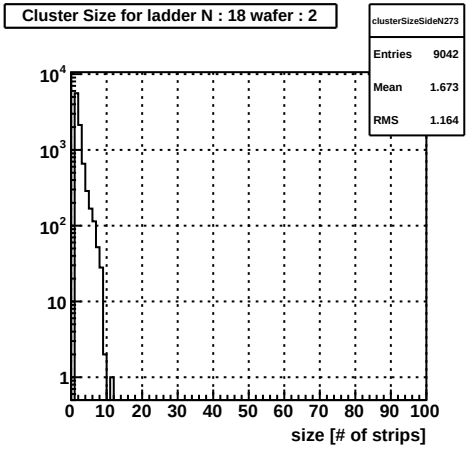

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 4380
Mean 1.909
RMS 1.106
size [# of strips]

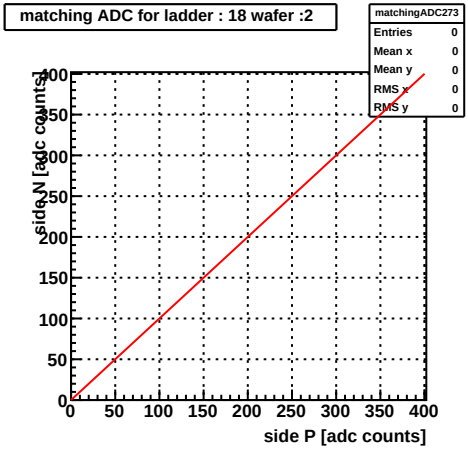

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

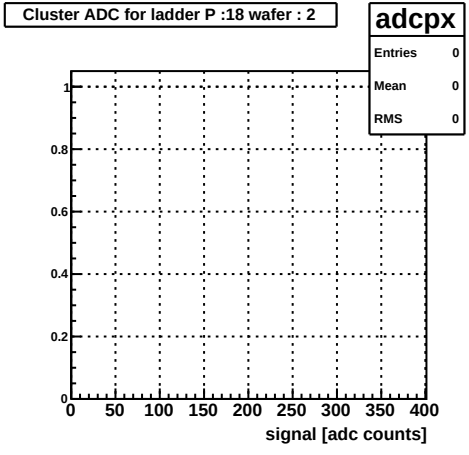

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2188
Mean 106.6
RMS 69.11
signal [adc counts]

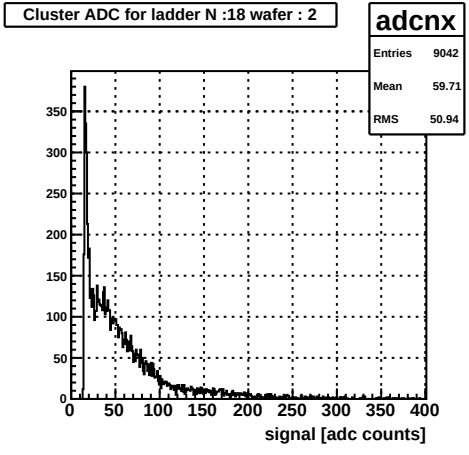

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 4380
Mean 61.38
RMS 44.11
signal [adc counts]

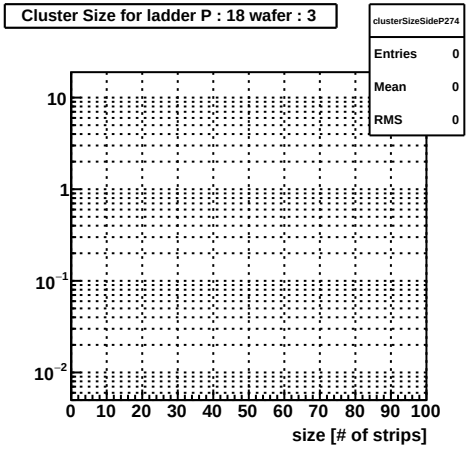

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

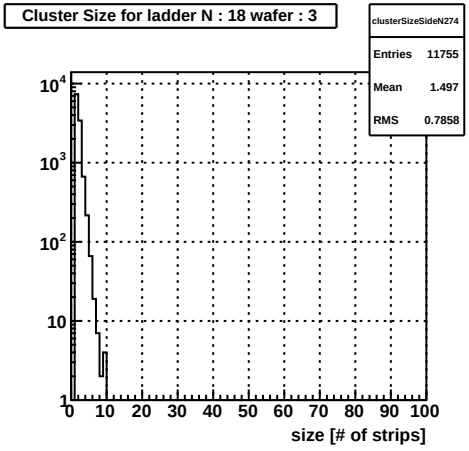

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 9042
Mean 1.673
RMS 1.164
size [# of strips]

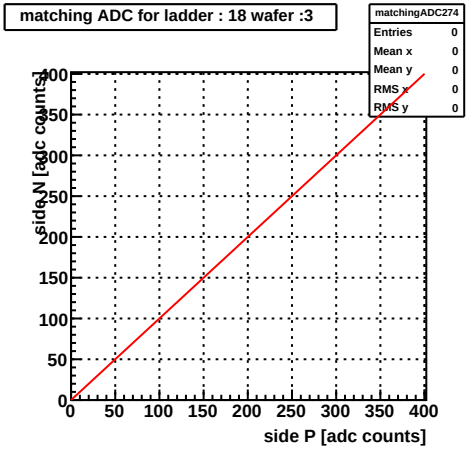

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

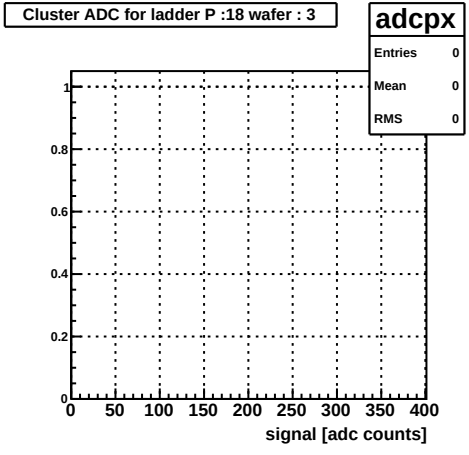

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

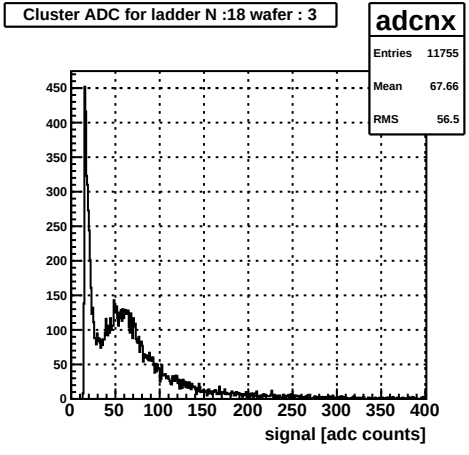

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 9042
Mean 59.71
RMS 50.94
signal [adc counts]

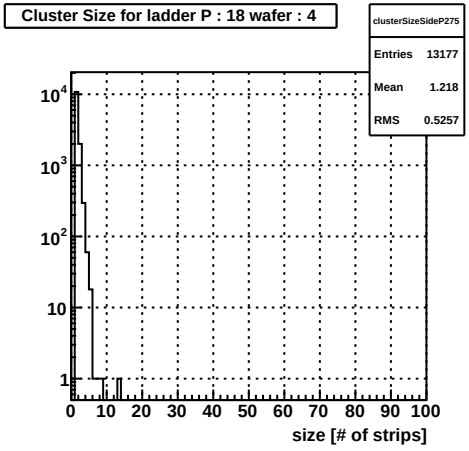

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

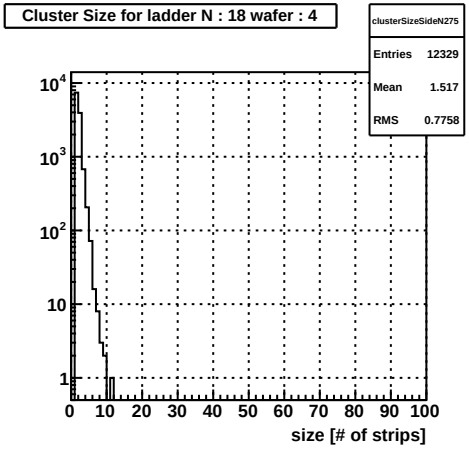

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 11755
Mean 1.497
RMS 0.7858
size [# of strips]

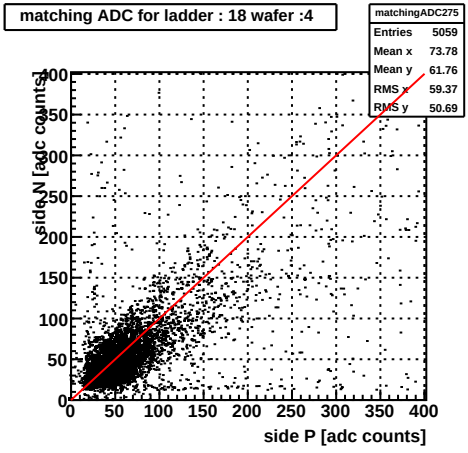

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

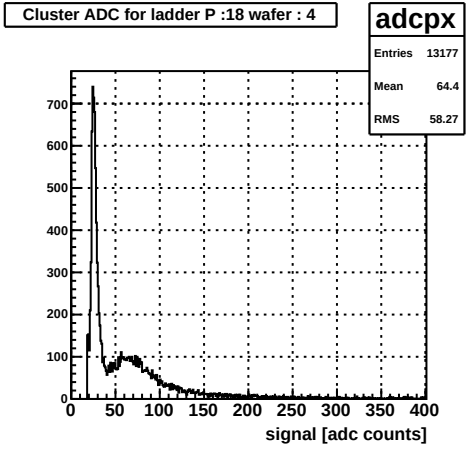

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

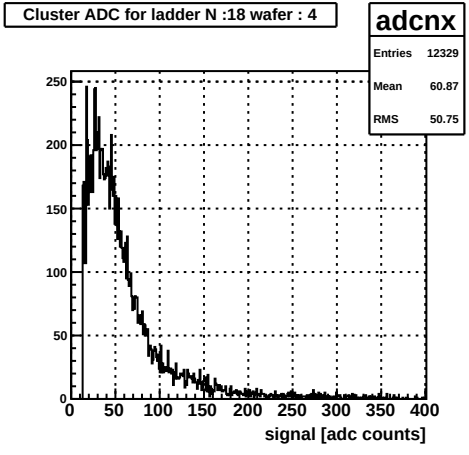

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 11755
Mean 67.66
RMS 56.5
signal [adc counts]

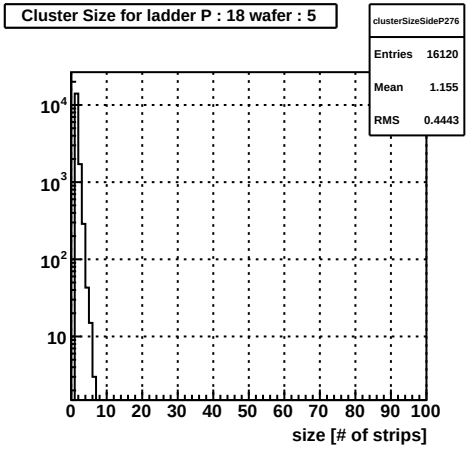

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 13177
Mean 1.218
RMS 0.5257
size [# of strips]

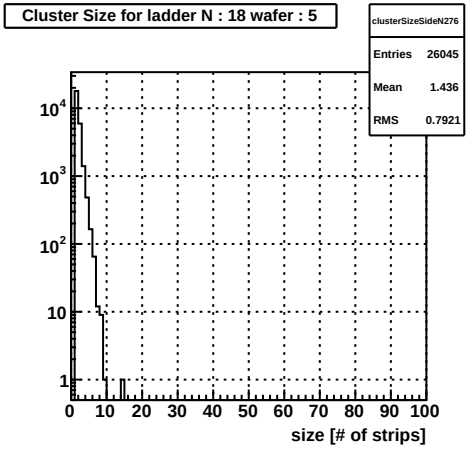

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 12329
Mean 1.517
RMS 0.7758
size [# of strips]

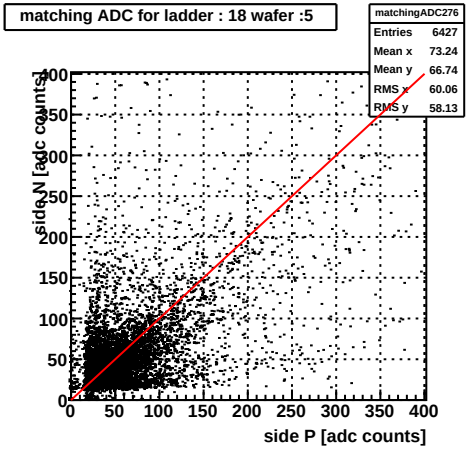

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 5059
Mean x 73.78
Mean y 61.76
RMS x 59.37
RMS y 50.69
side N [adc counts]
side P [adc counts]

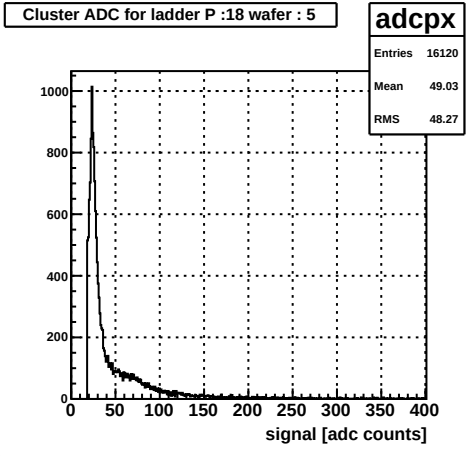

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 13177
Mean 64.4
RMS 58.27
signal [adc counts]

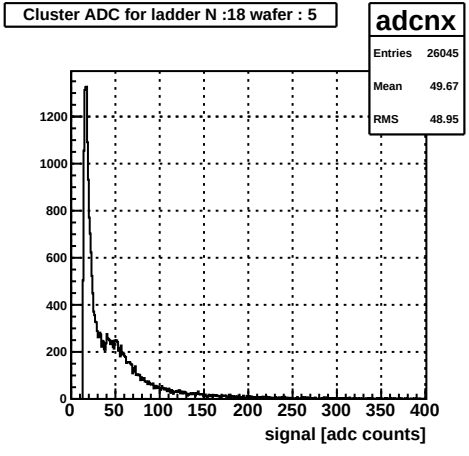

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 12329
Mean 60.87
RMS 50.75
signal [adc counts]

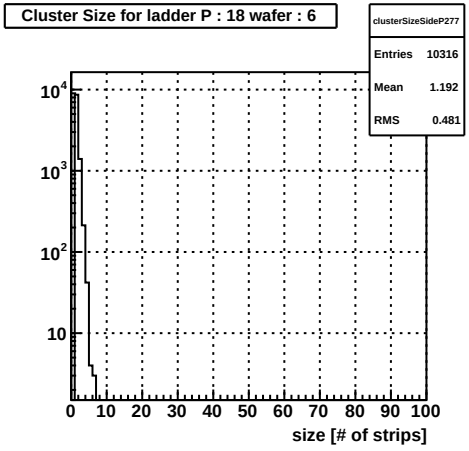

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 16120
Mean 1.155
RMS 0.4443
size [# of strips]

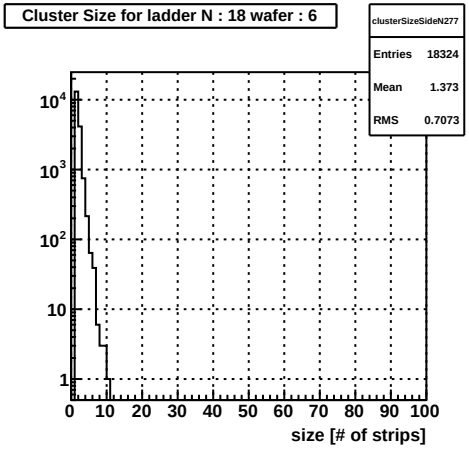

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 26045
Mean 1.436
RMS 0.7921
size [# of strips]

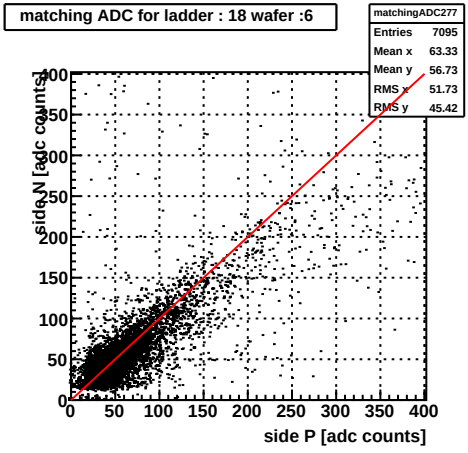

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6427
Mean x 73.24
Mean y 66.74
RMS x 60.06
RMS y 58.13
side N [adc counts]
side P [adc counts]

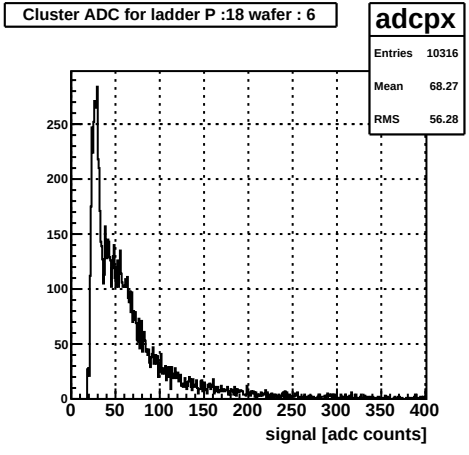

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 16120
Mean 49.03
RMS 48.27
signal [adc counts]

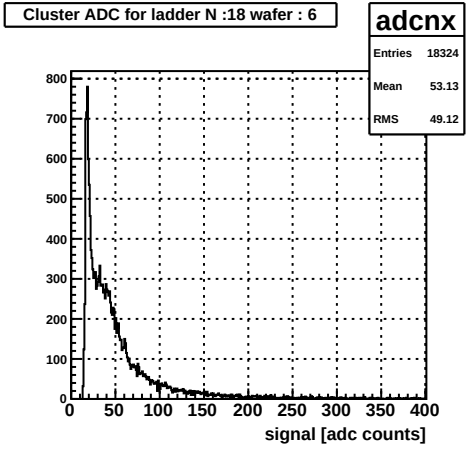

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 26045
Mean 49.67
RMS 48.95
signal [adc counts]

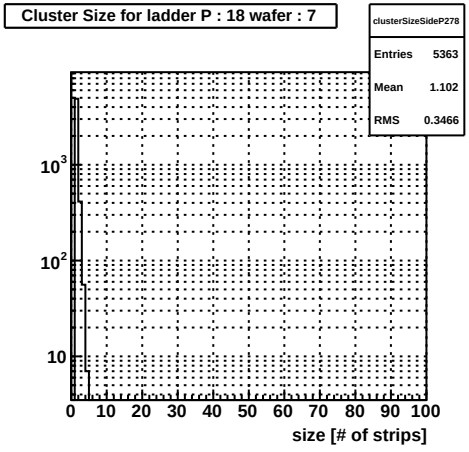

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 10316
Mean 1.192
RMS 0.481
size [# of strips]

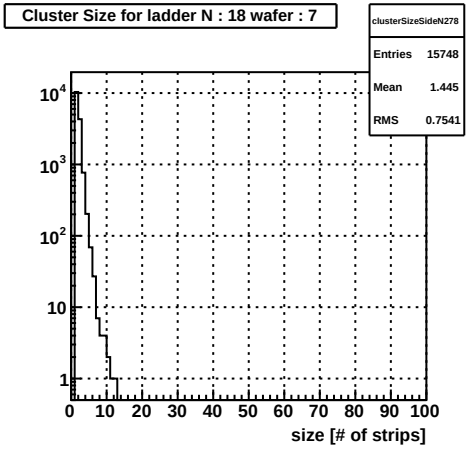

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 18324
Mean 1.373
RMS 0.7073
size [# of strips]

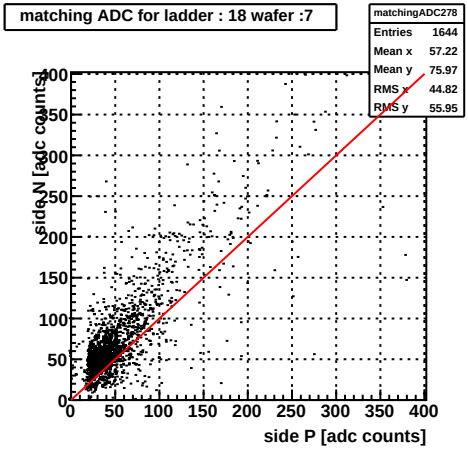

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 7095
Mean x 63.33
Mean y 56.73
RMS x 51.73
RMS y 45.42
side N [adc counts]
side P [adc counts]

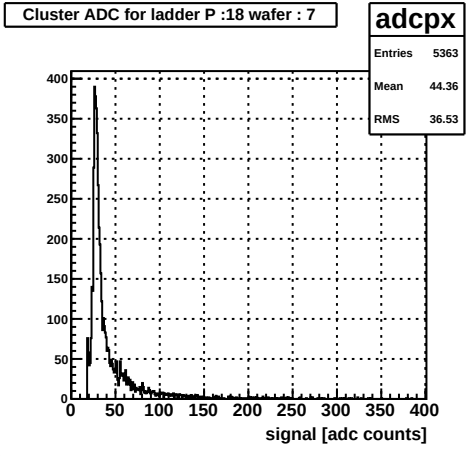

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 10316
Mean 68.27
RMS 56.28
signal [adc counts]

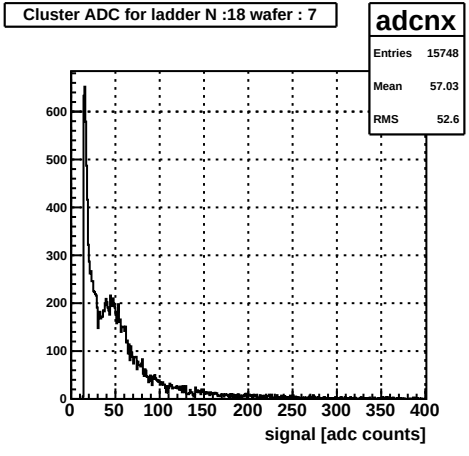

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 18324
Mean 53.13
RMS 49.12
signal [adc counts]

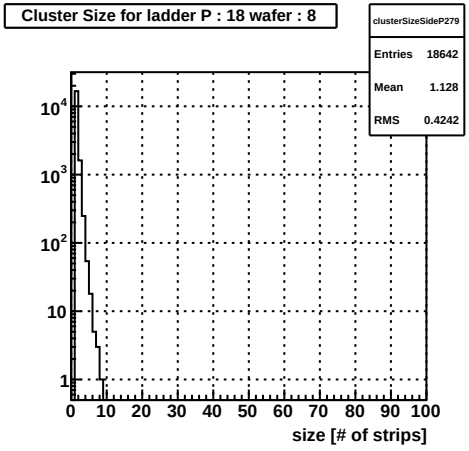

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 5363
Mean 1.102
RMS 0.3466
size [# of strips]

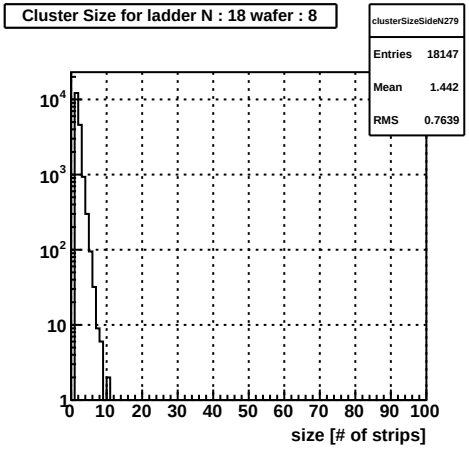

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 15748
Mean 1.445
RMS 0.7541
size [# of strips]

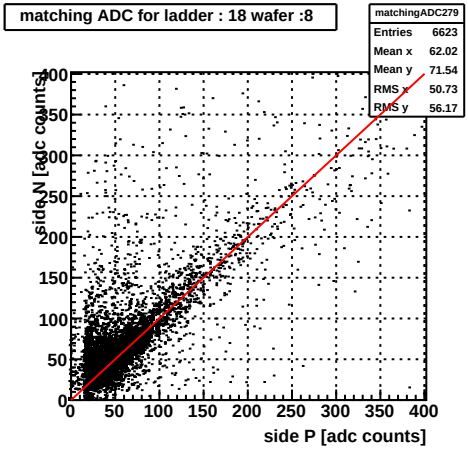

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1644
Mean x 57.22
Mean y 75.97
RMS x 44.82
RMS y 55.95
side N [adc counts]
side P [adc counts]

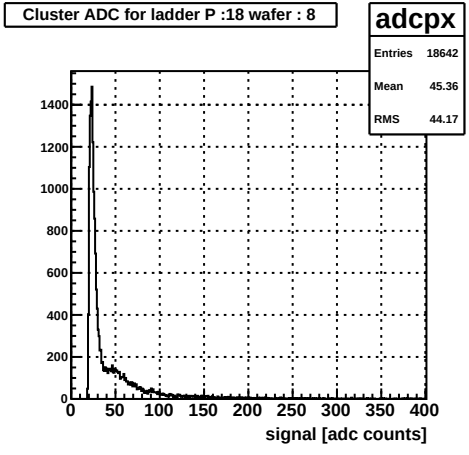

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 5363
Mean 44.36
RMS 36.53
signal [adc counts]

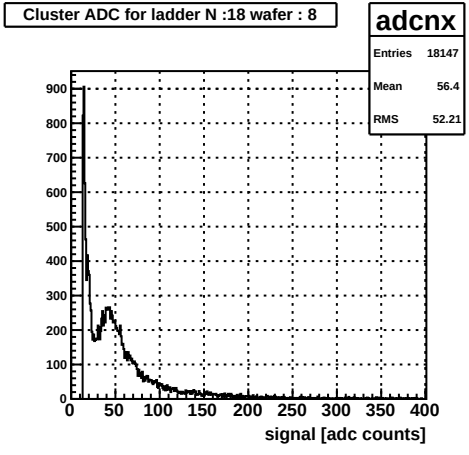

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 15748
Mean 57.03
RMS 52.6
signal [adc counts]

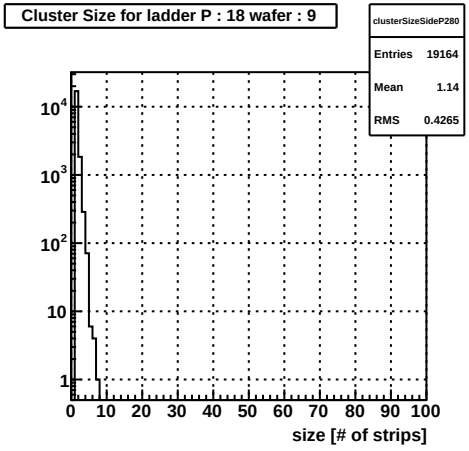

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 18642
Mean 1.128
RMS 0.4242
size [# of strips]

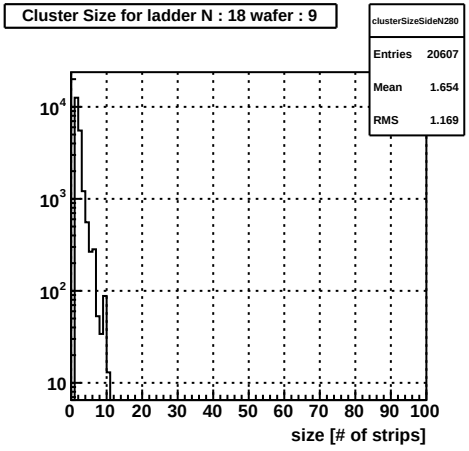

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 18147
Mean 1.442
RMS 0.7639
size [# of strips]

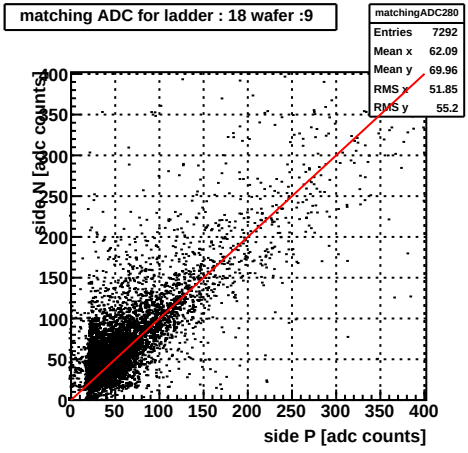

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 6623
Mean x 62.02
Mean y 71.54
RMS x 50.73
RMS y 56.17
side N [adc counts]
side P [adc counts]

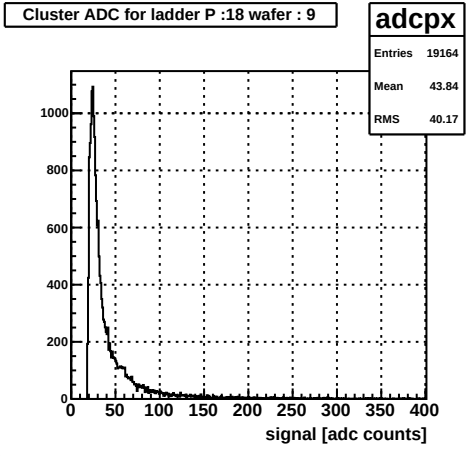

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 18642
Mean 45.36
RMS 44.17
signal [adc counts]

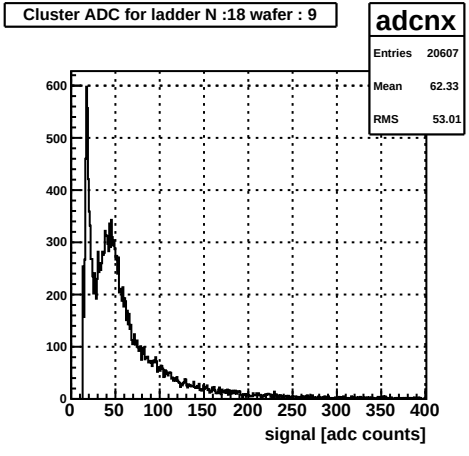

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 18147
Mean 56.4
RMS 52.21
signal [adc counts]

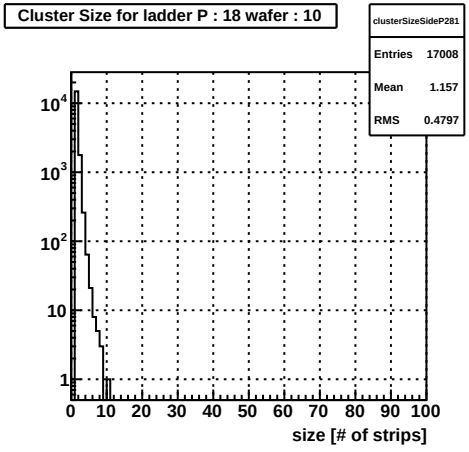

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 19164
Mean 1.14
RMS 0.4265
size [# of strips]

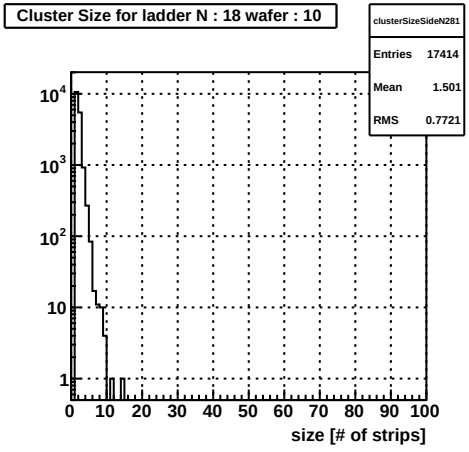

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 20607
Mean 1.654
RMS 1.169
size [# of strips]

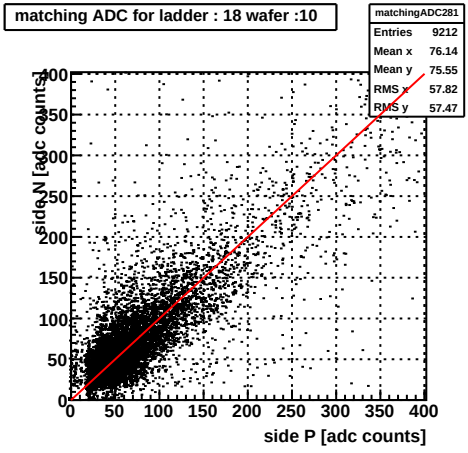

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 7292
Mean x 62.09
Mean y 69.96
RMS x 51.85
RMS y 55.2
side N [adc counts]
side P [adc counts]

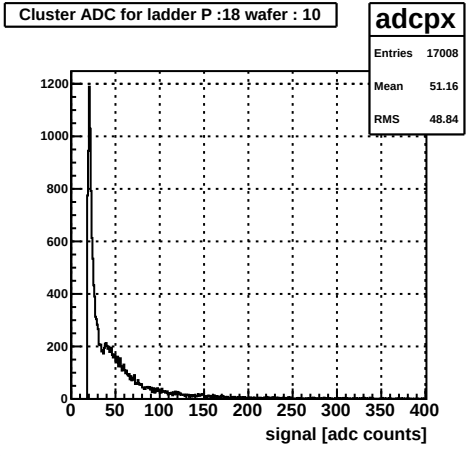

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 19164
Mean 43.84
RMS 40.17
signal [adc counts]

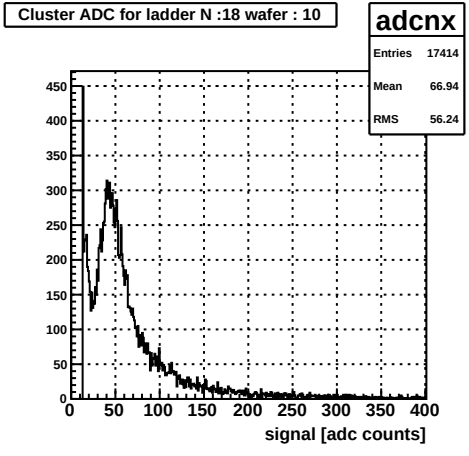

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 20607
Mean 62.33
RMS 53.01
signal [adc counts]

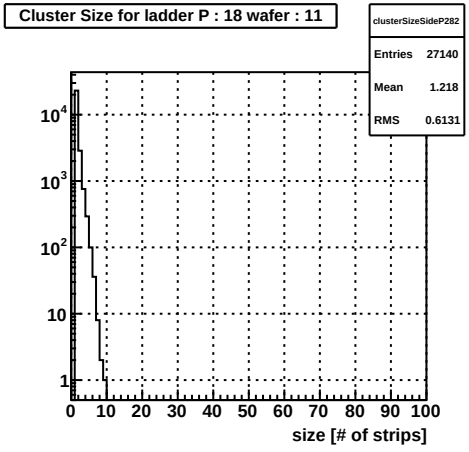

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 17008
Mean 1.157
RMS 0.4797
size [# of strips]

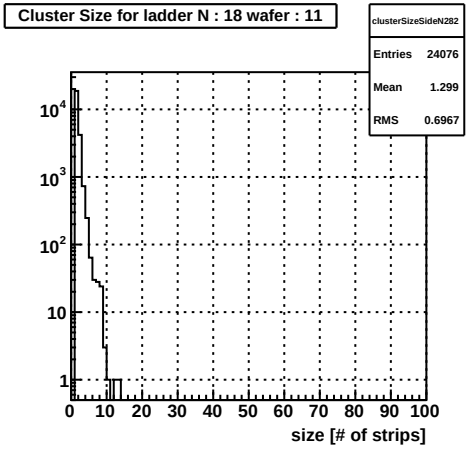

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 17414
Mean 1.501
RMS 0.7721
size [# of strips]

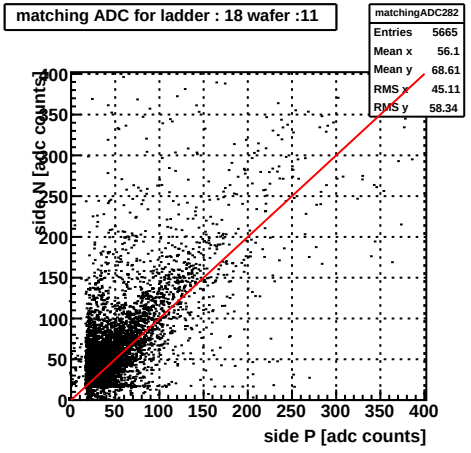

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 9212
Mean x 76.14
Mean y 75.55
RMS x 57.82
RMS y 57.47
side N [adc counts]
side P [adc counts]

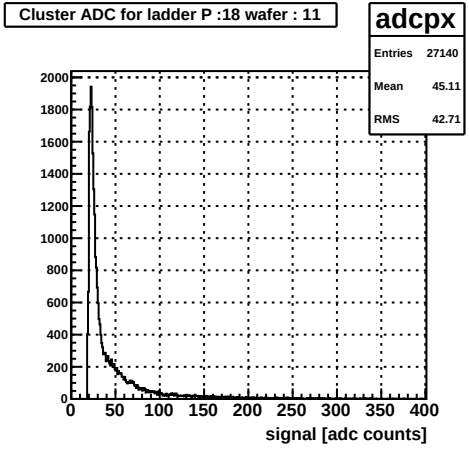

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 17008
Mean 51.16
RMS 48.84
signal [adc counts]

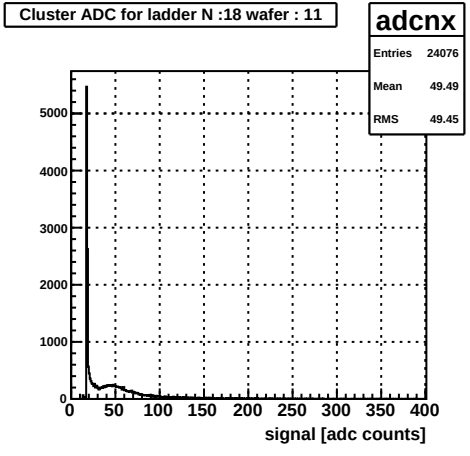

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 17414
Mean 66.94
RMS 56.24
signal [adc counts]

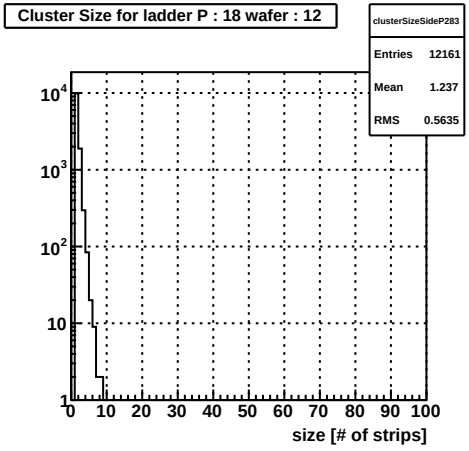

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 27140
Mean 1.218
RMS 0.6131
size [# of strips]

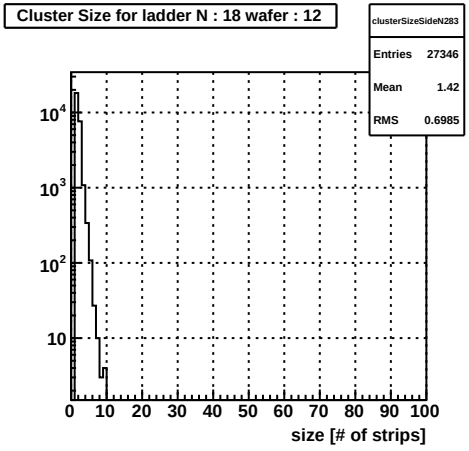

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 24076
Mean 1.299
RMS 0.6967
size [# of strips]

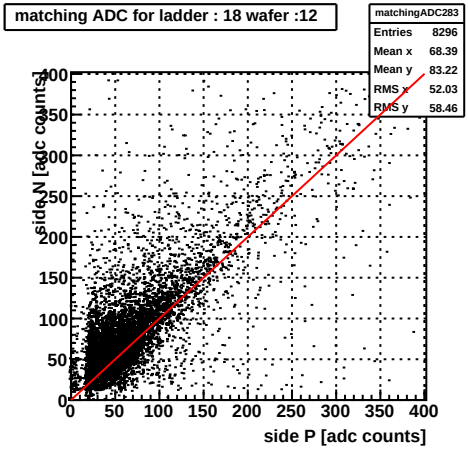

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 5665
Mean x 56.1
Mean y 68.61
RMS x 45.11
RMS y 58.34
side N [adc counts]
side P [adc counts]

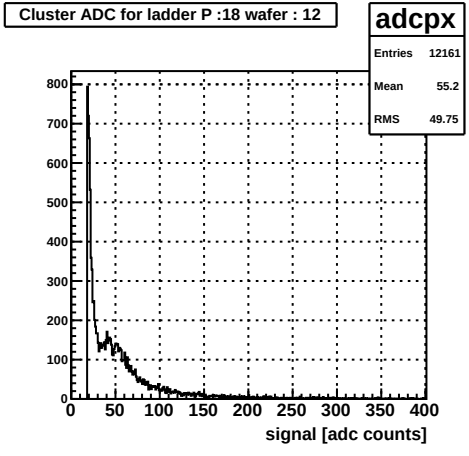

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 27140
Mean 45.11
RMS 42.71
signal [adc counts]

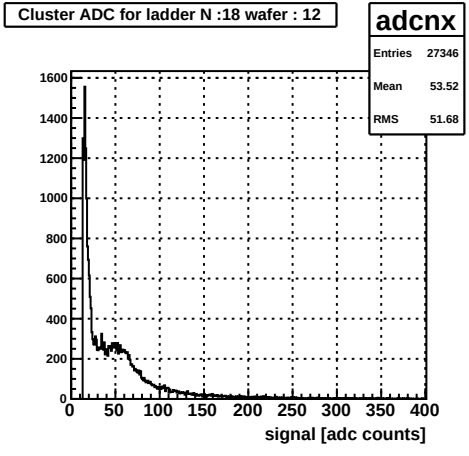

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 24076
Mean 49.49
RMS 49.45
signal [adc counts]

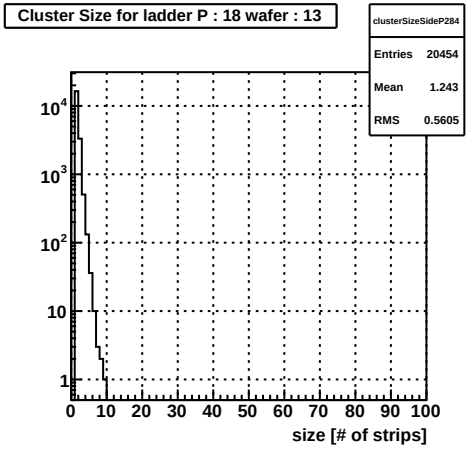

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 12161
Mean 1.237
RMS 0.5635
size [# of strips]

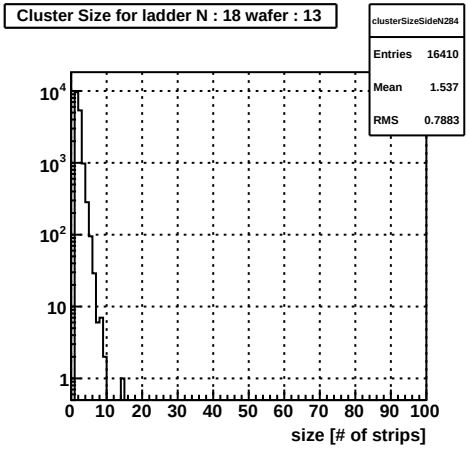

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 27346
Mean 1.42
RMS 0.6985
size [# of strips]

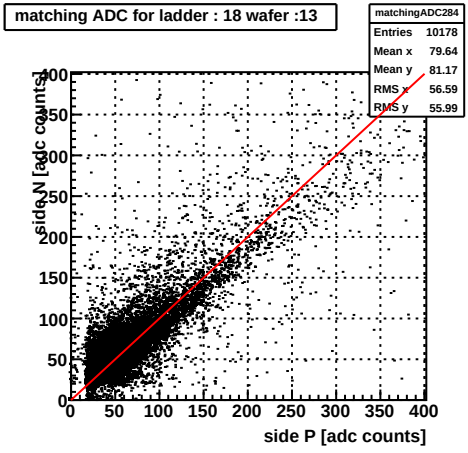

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 8296
Mean x 68.39
Mean y 83.22
RMS x 52.03
RMS y 58.46
side N [adc counts]
side P [adc counts]

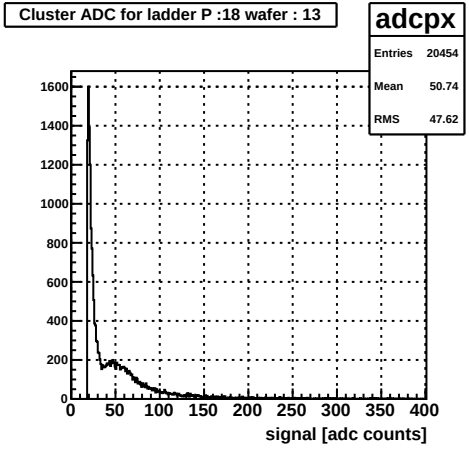

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 12161
Mean 55.2
RMS 49.75
signal [adc counts]

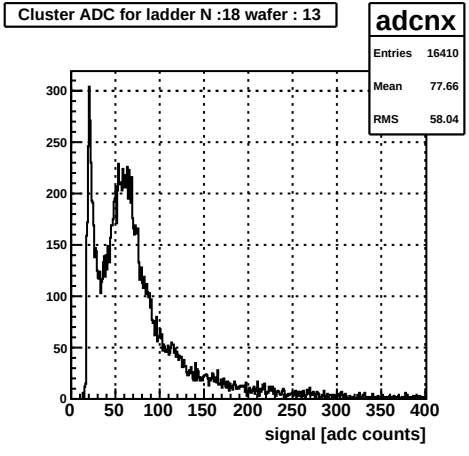

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 27346
Mean 53.52
RMS 51.68
signal [adc counts]

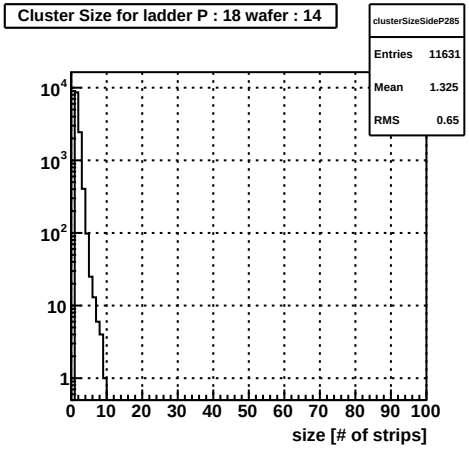

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 20454
Mean 1.243
RMS 0.5605
size [# of strips]

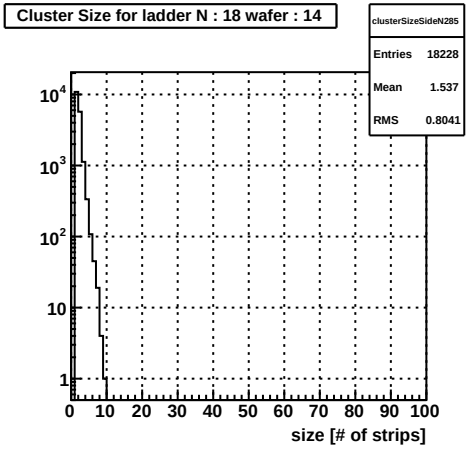

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 16410
Mean 1.537
RMS 0.7883
size [# of strips]

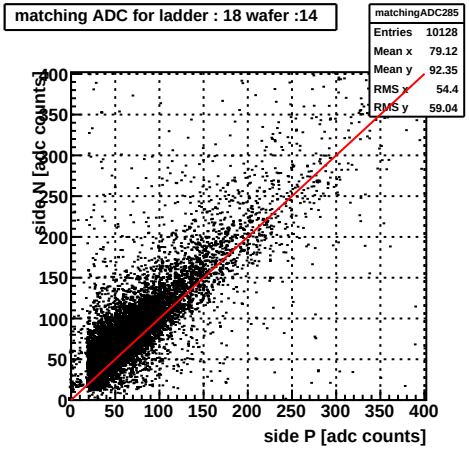

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 10178
Mean x 79.64
Mean y 81.17
RMS x 56.59
RMS y 55.99
side N [adc counts]
side P [adc counts]

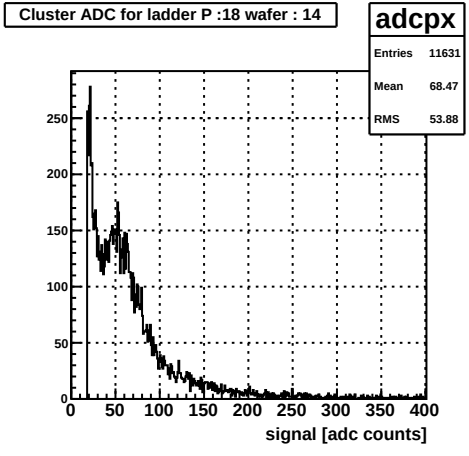

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 20454
Mean 50.74
RMS 47.62
signal [adc counts]

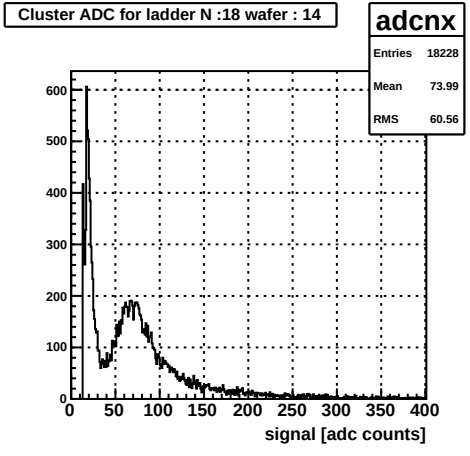

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 16410
Mean 77.66
RMS 58.04
signal [adc counts]

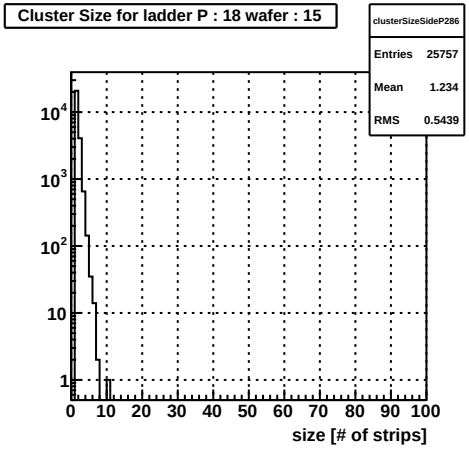

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 11631
Mean 1.325
RMS 0.65
size [# of strips]

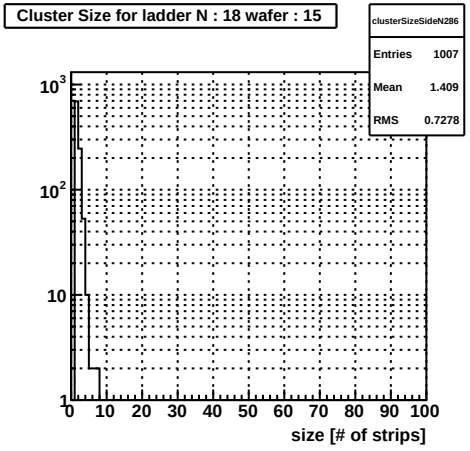

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 18228
Mean 1.537
RMS 0.8041
size [# of strips]

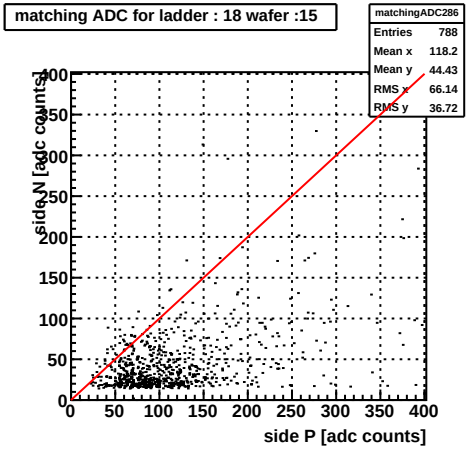

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 10128
Mean x 79.12
Mean y 92.35
RMS x 54.4
RMS y 59.04
side N [adc counts]
side P [adc counts]

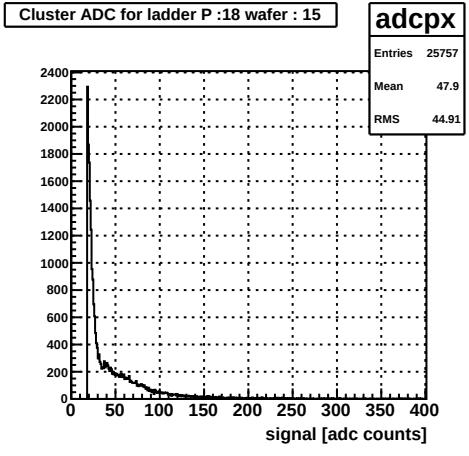

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 11631
Mean 68.47
RMS 53.88
signal [adc counts]

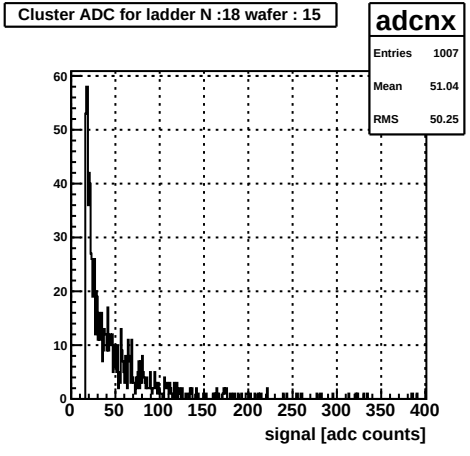

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 18228
Mean 73.99
RMS 60.56
signal [adc counts]

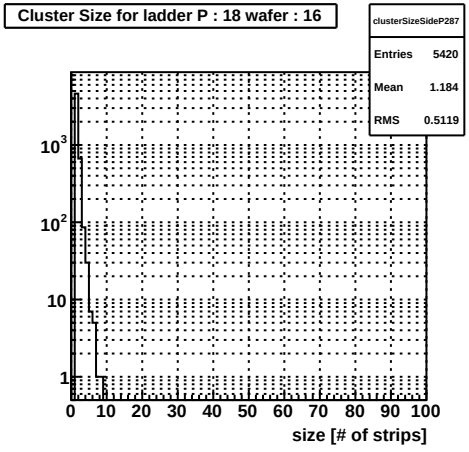

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 25757
Mean 1.234
RMS 0.5439
size [# of strips]

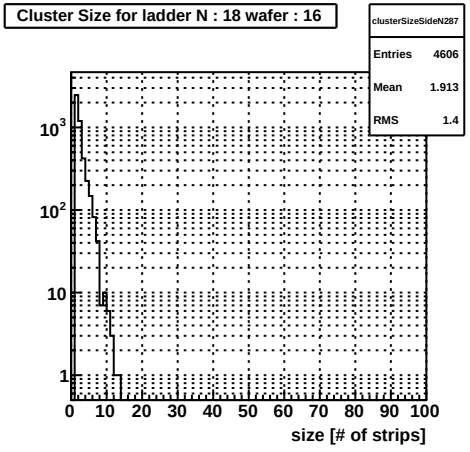

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 1007
Mean 1.409
RMS 0.7278
size [# of strips]

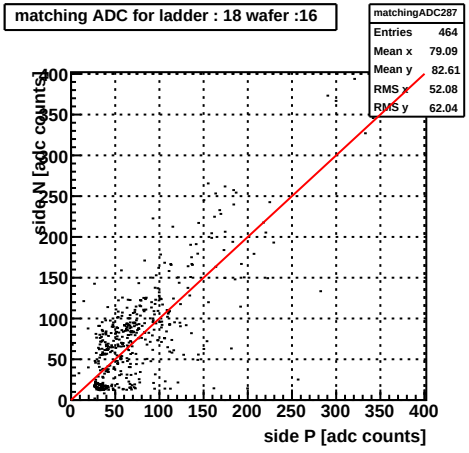

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 788
Mean x 118.2
Mean y 44.43
RMS x 66.14
RMS y 36.72
side N [adc counts]
side P [adc counts]

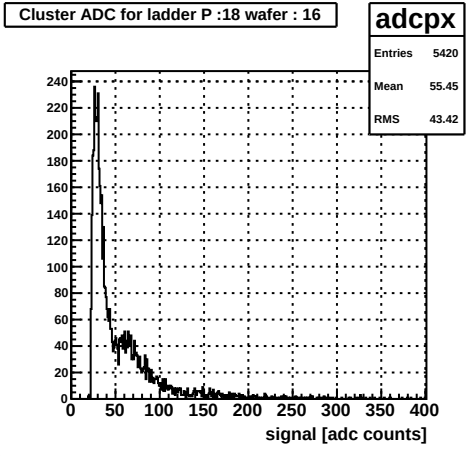

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 25757
Mean 47.9
RMS 44.91
signal [adc counts]

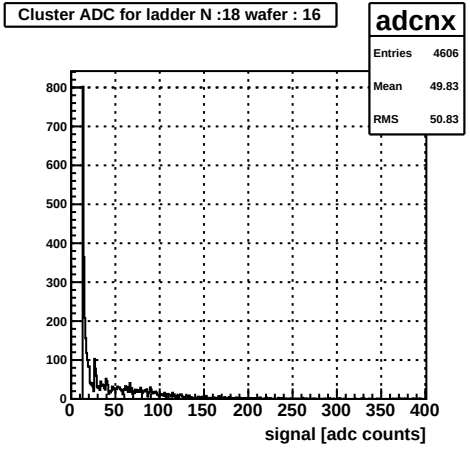

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 1007
Mean 51.04
RMS 50.25
signal [adc counts]

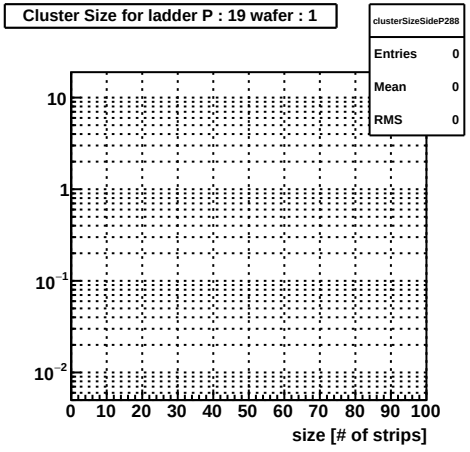

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 5420
Mean 1.184
RMS 0.5119
size [# of strips]

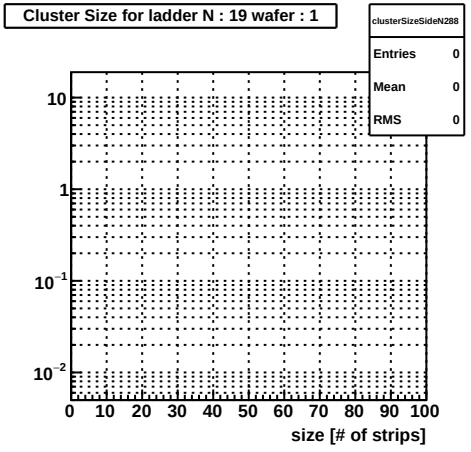

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4606
Mean 1.913
RMS 1.4
size [# of strips]

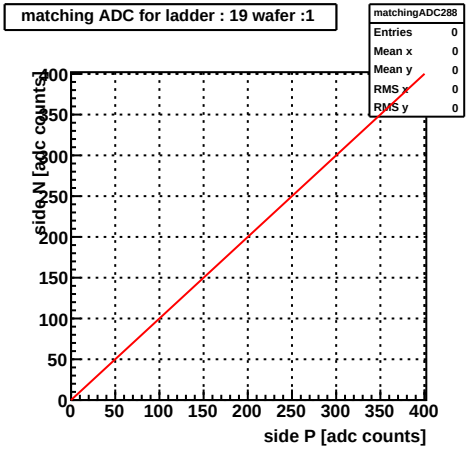

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 464
Mean x 79.09
Mean y 82.61
RMS x 52.08
RMS y 62.04
side N [adc counts]
side P [adc counts]

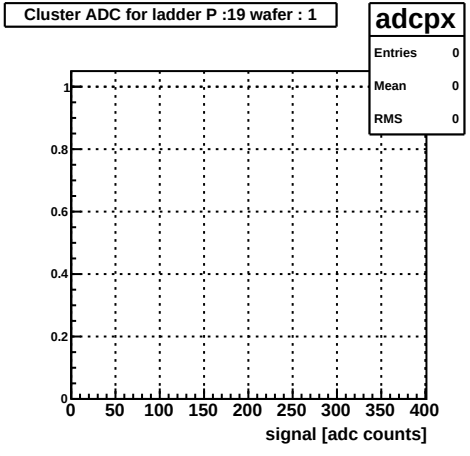

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 5420
Mean 55.45
RMS 43.42
signal [adc counts]

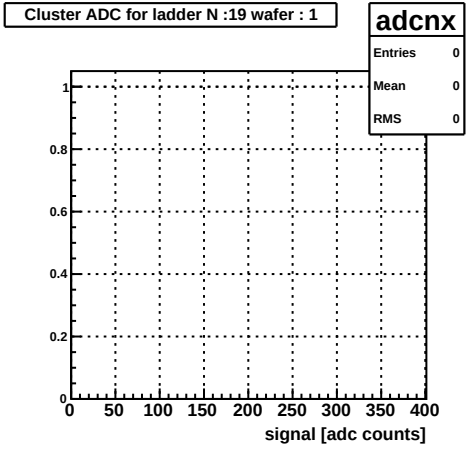

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4606
Mean 49.83
RMS 50.83
signal [adc counts]

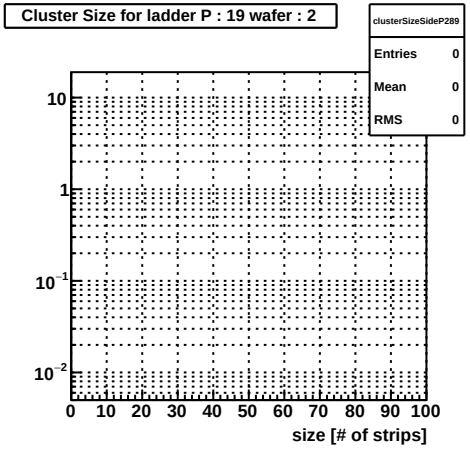

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

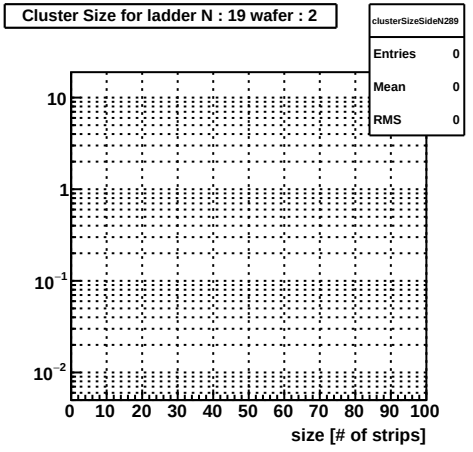

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

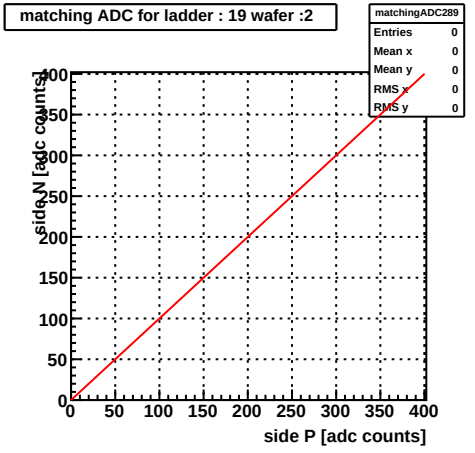

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

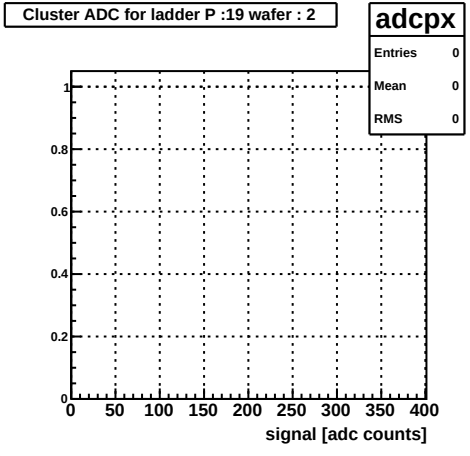

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

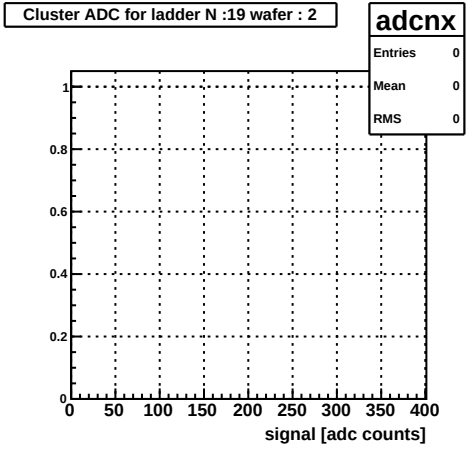

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

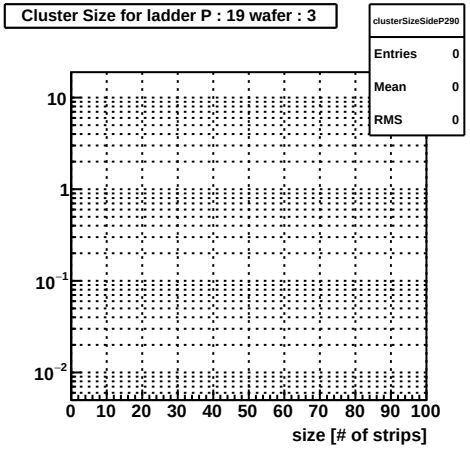

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

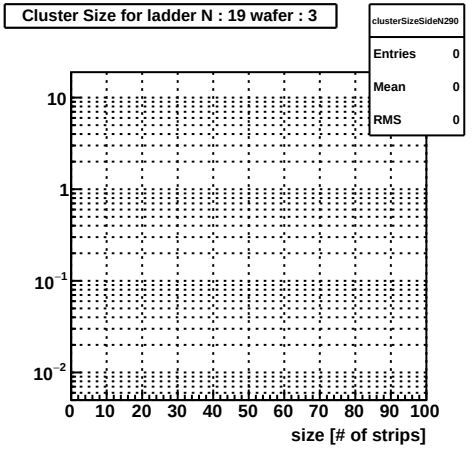

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

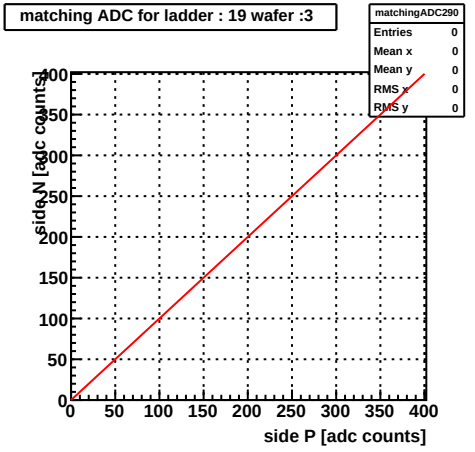

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

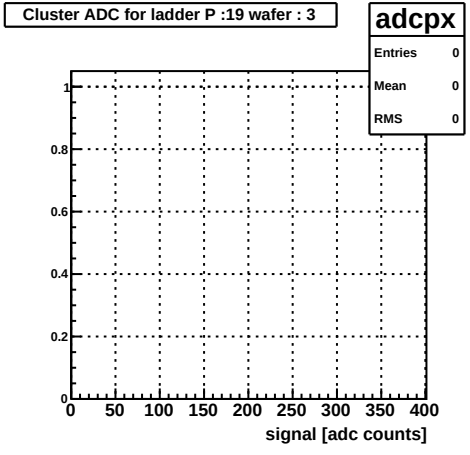

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

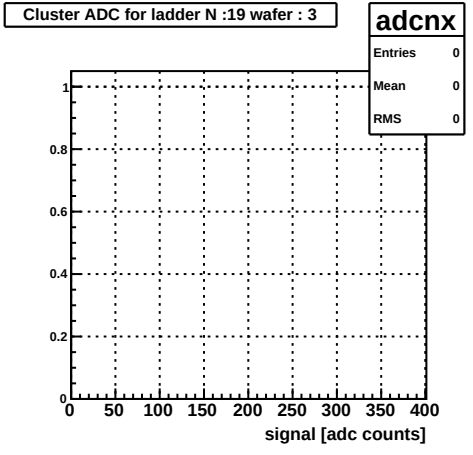

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

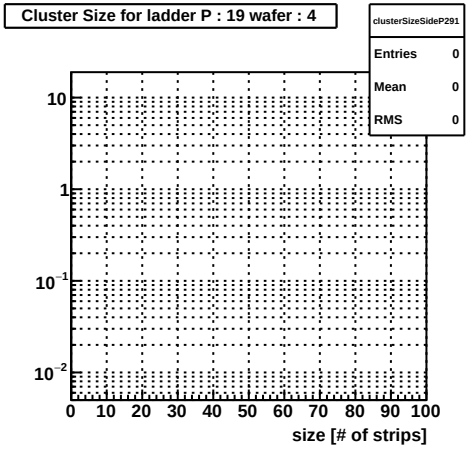

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

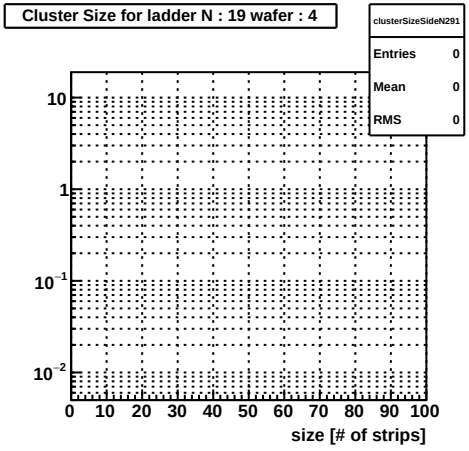

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

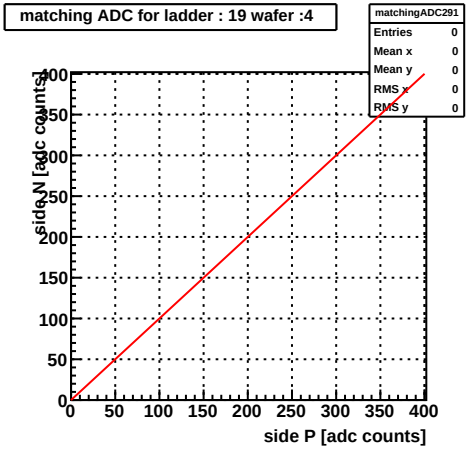

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

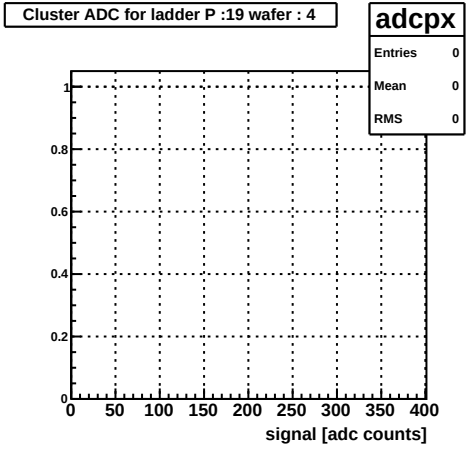

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

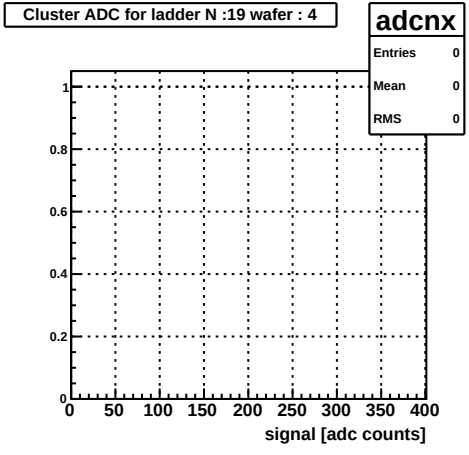

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

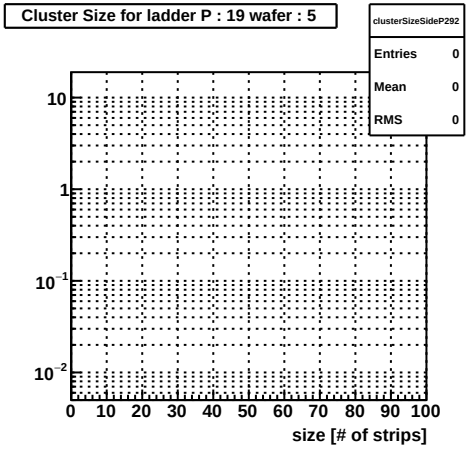

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

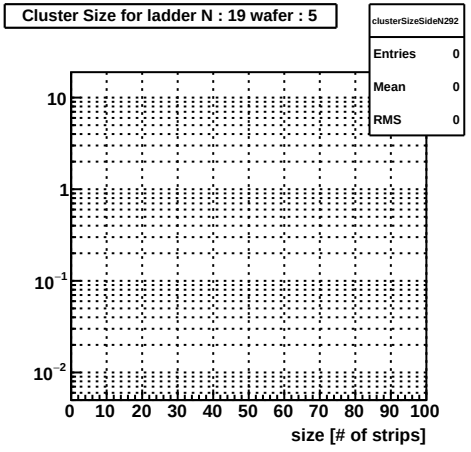

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

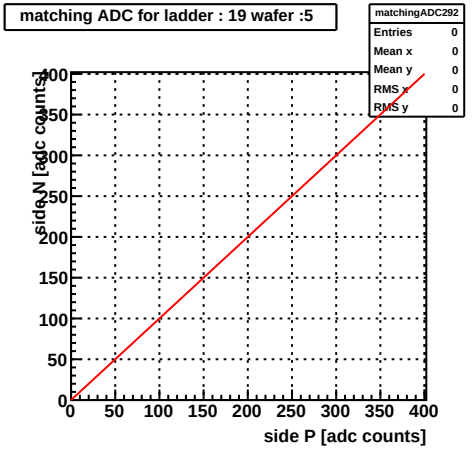

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

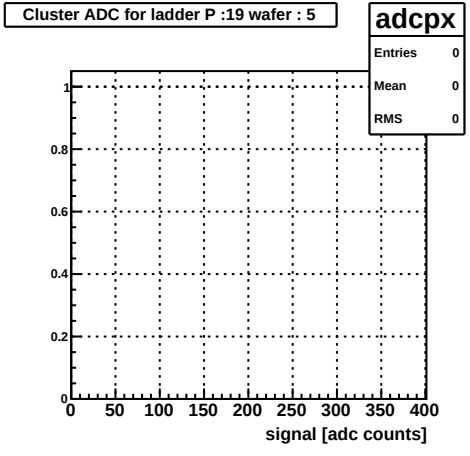

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

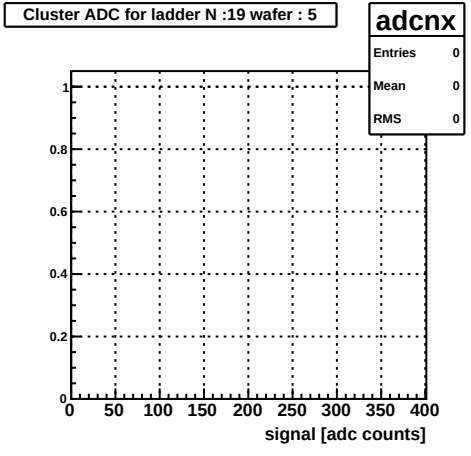

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

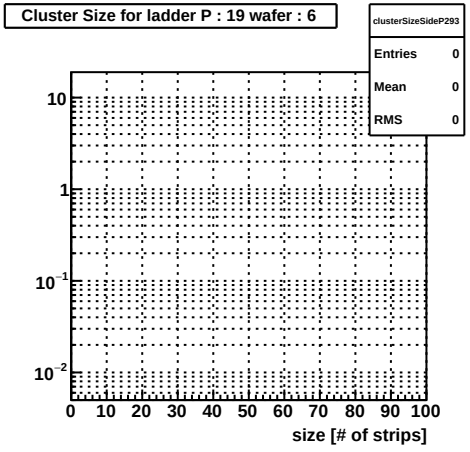

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

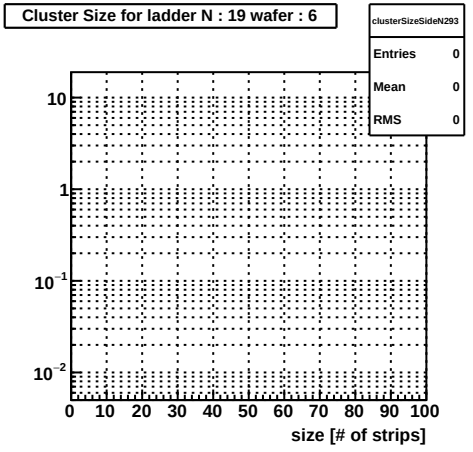

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

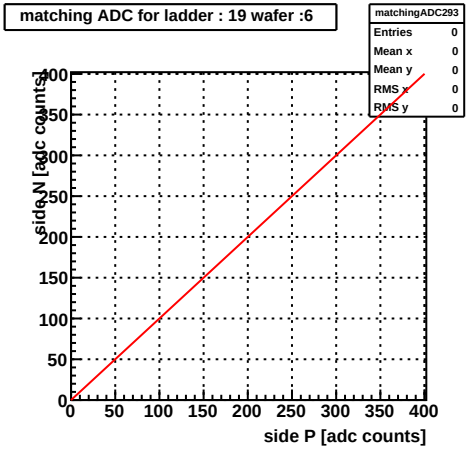

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

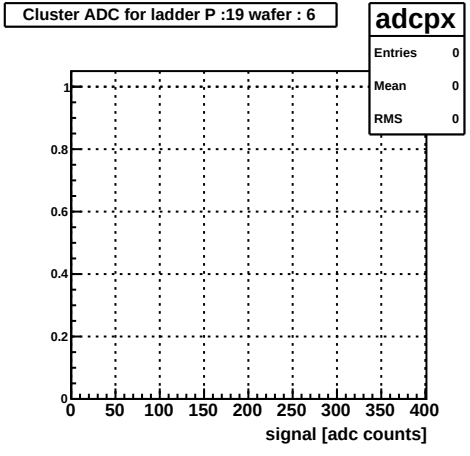

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

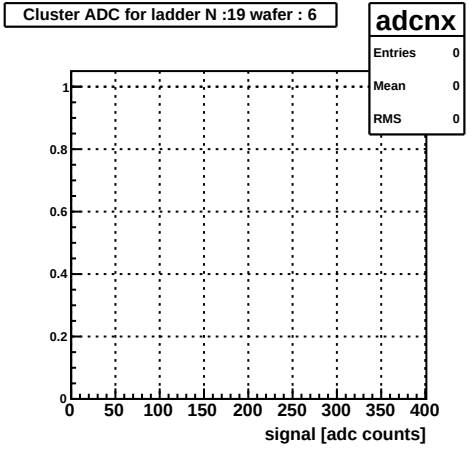

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

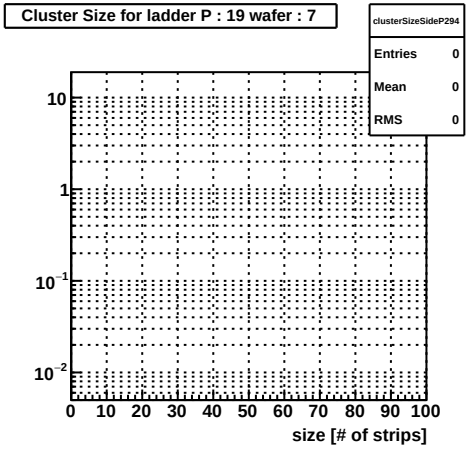

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

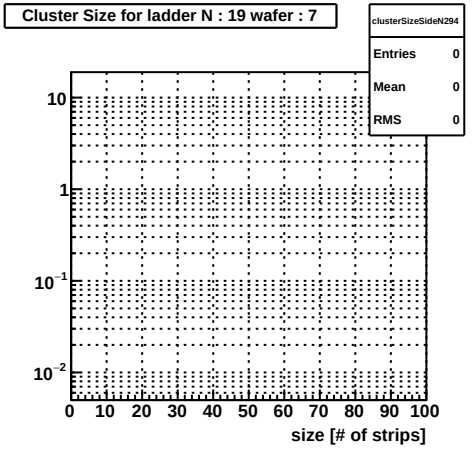

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

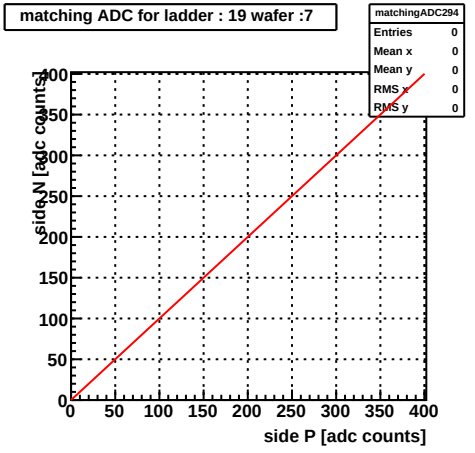

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

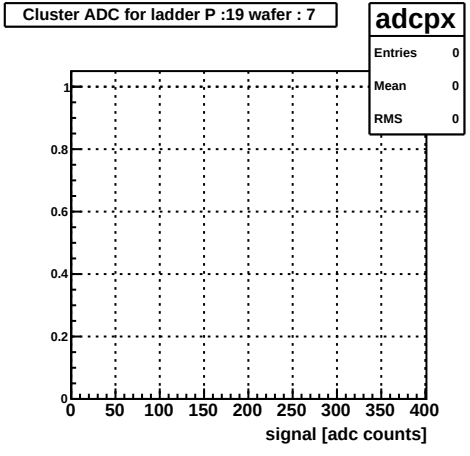

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

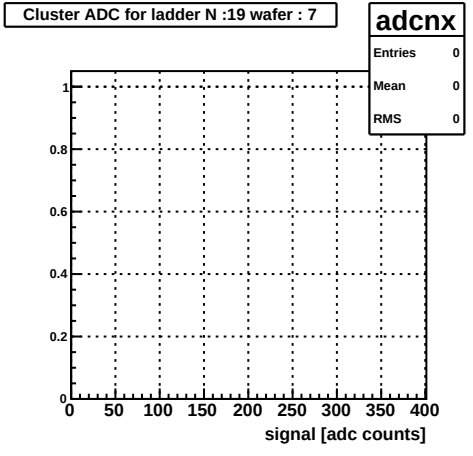

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

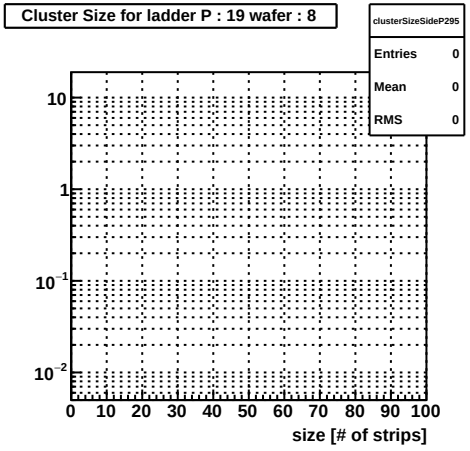

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

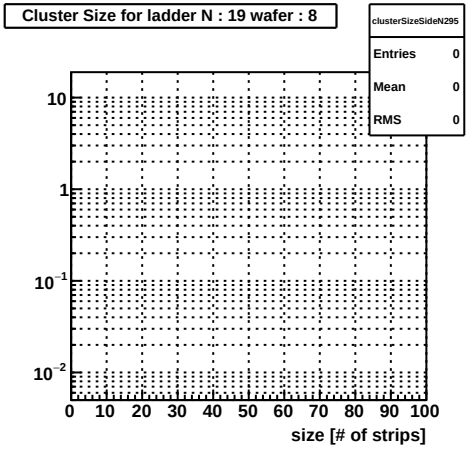

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

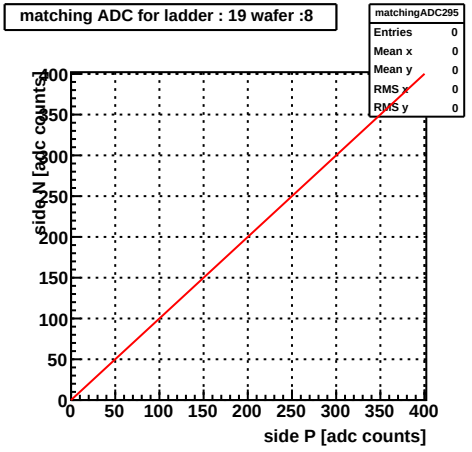

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

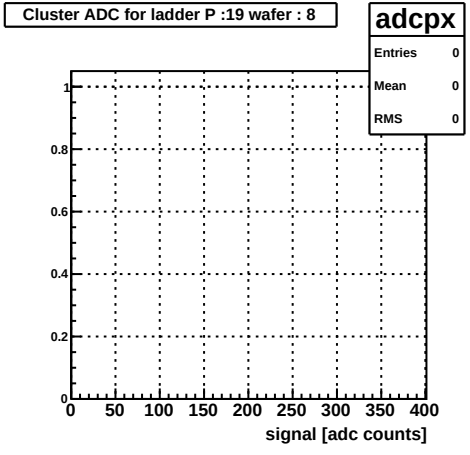

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

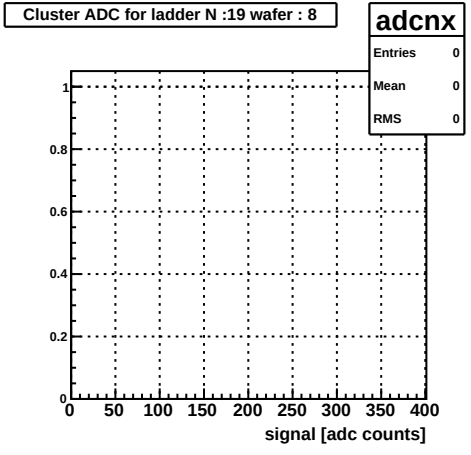

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

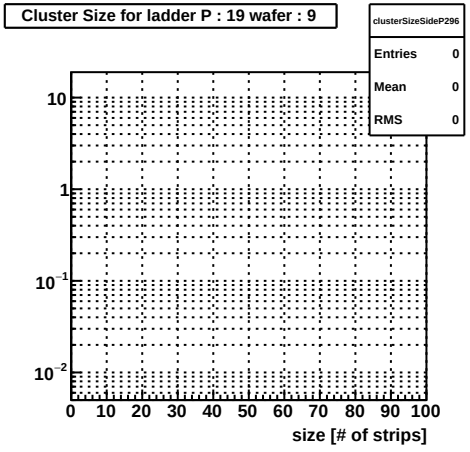

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

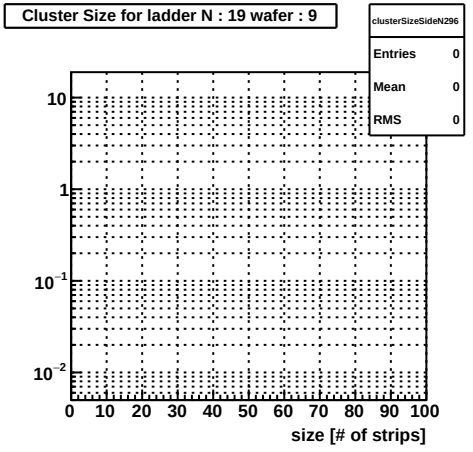

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

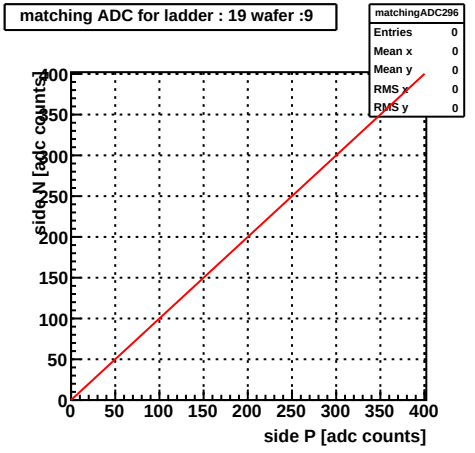

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

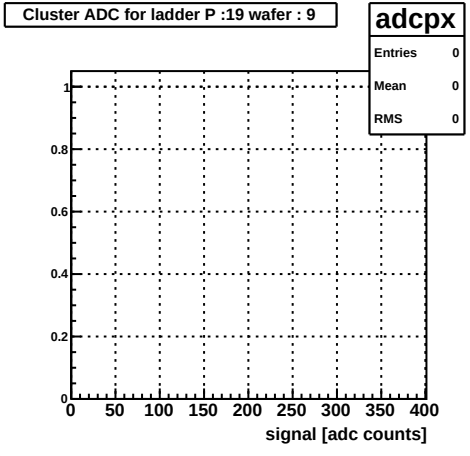

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

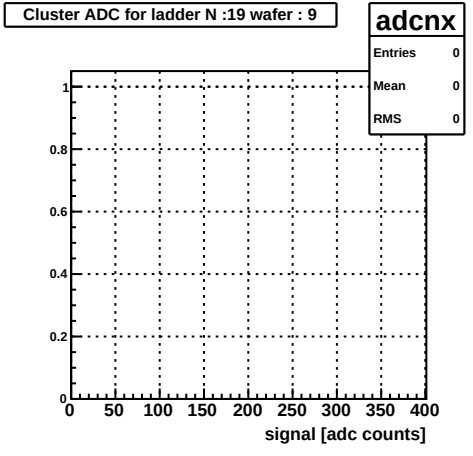

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

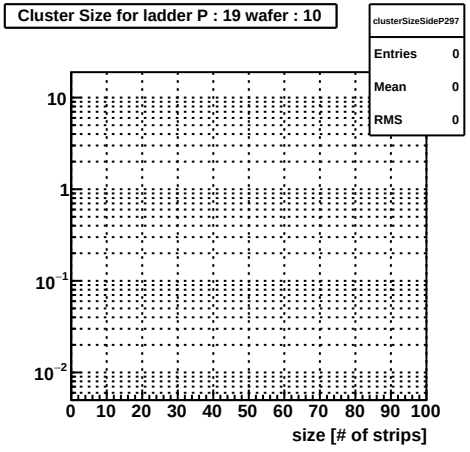

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

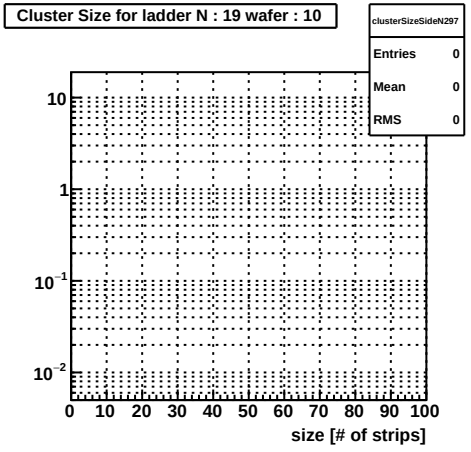

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

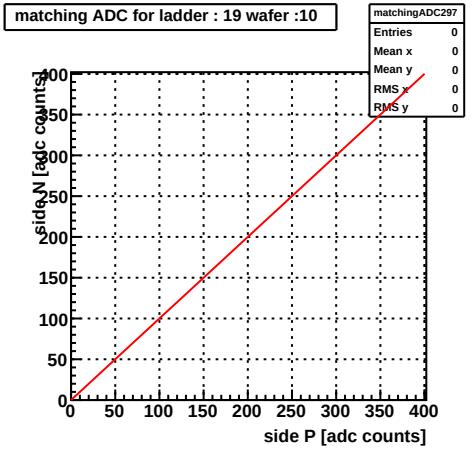

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

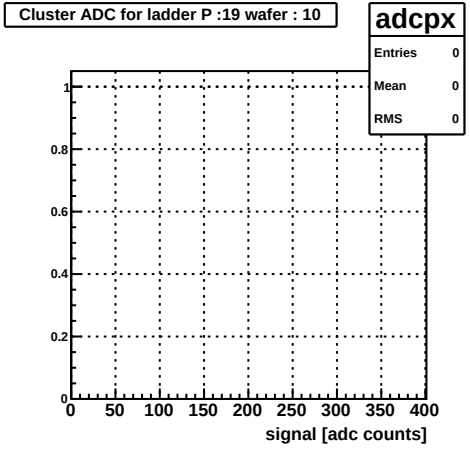

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

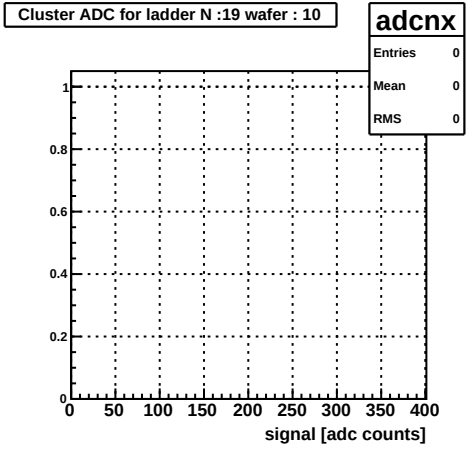

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

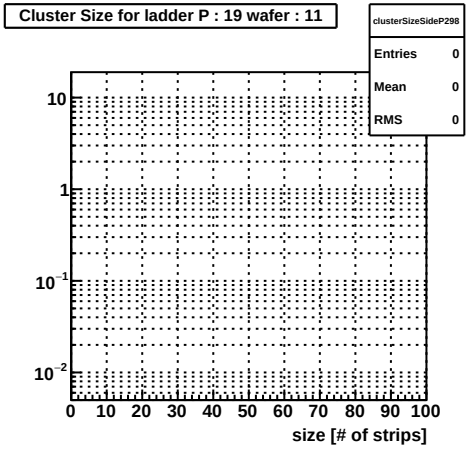

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

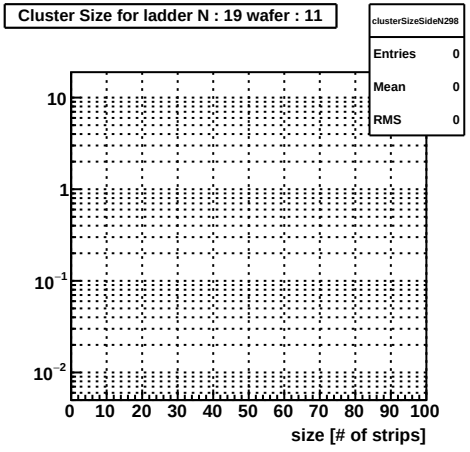

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

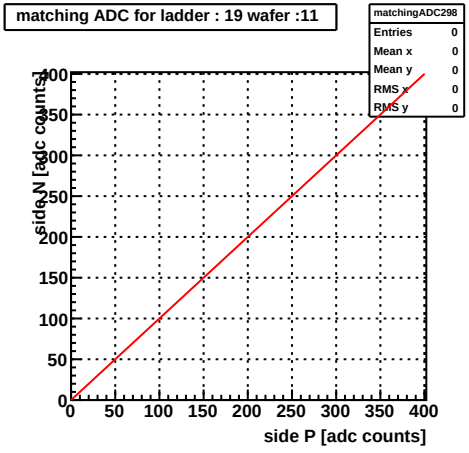

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

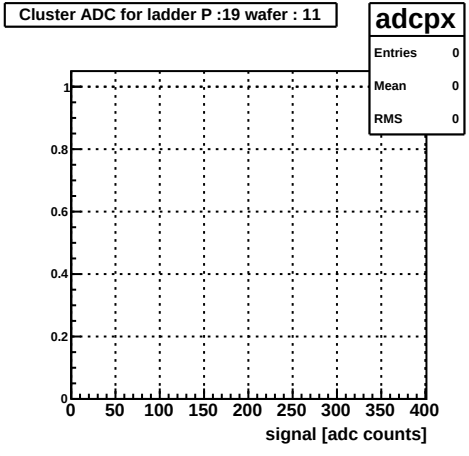

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

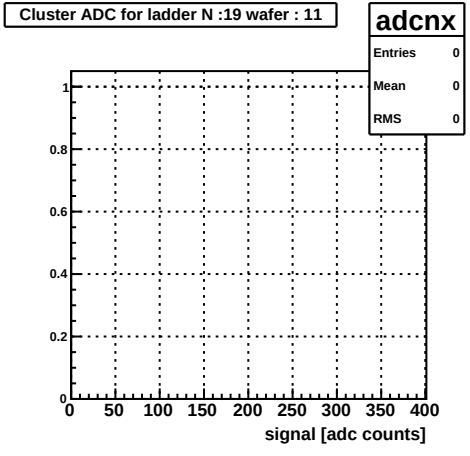

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

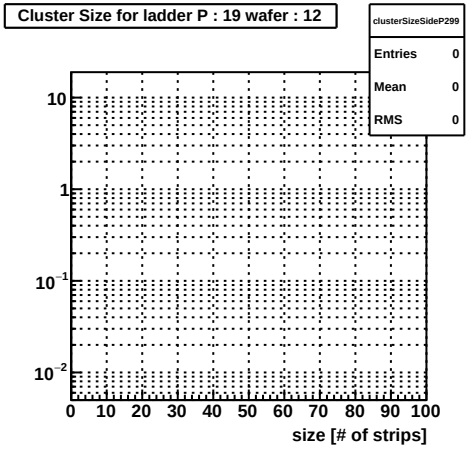

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

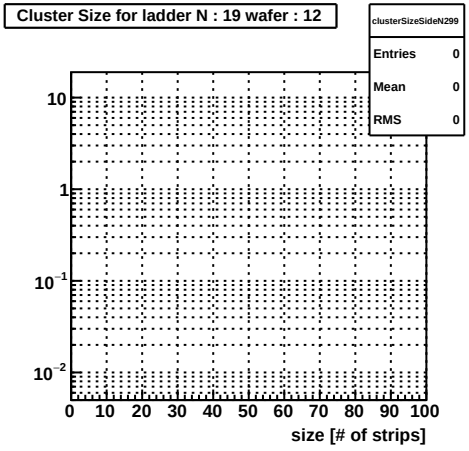

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

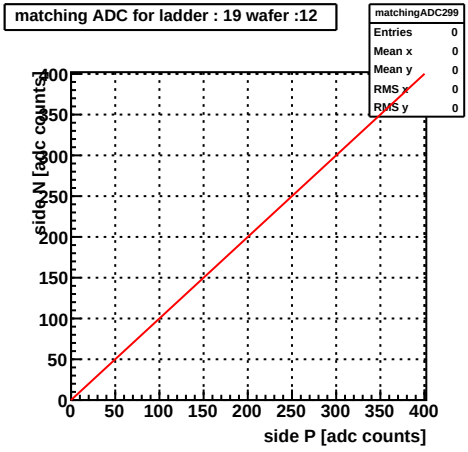

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

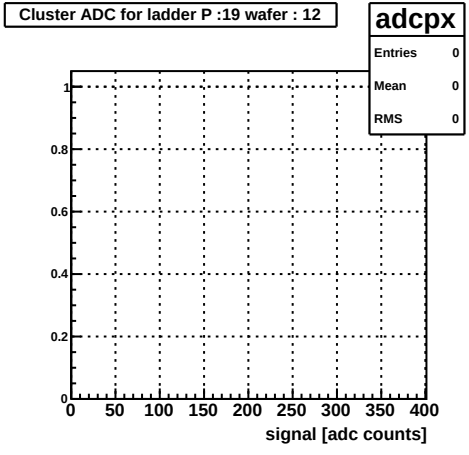

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

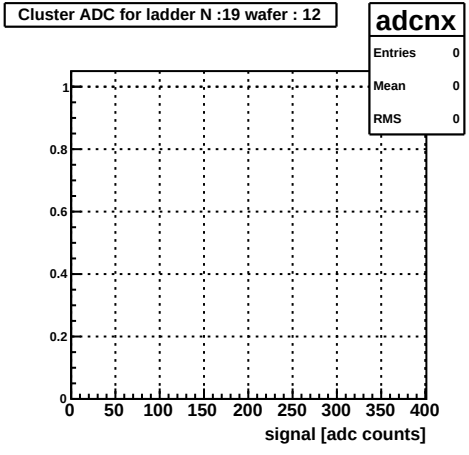

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

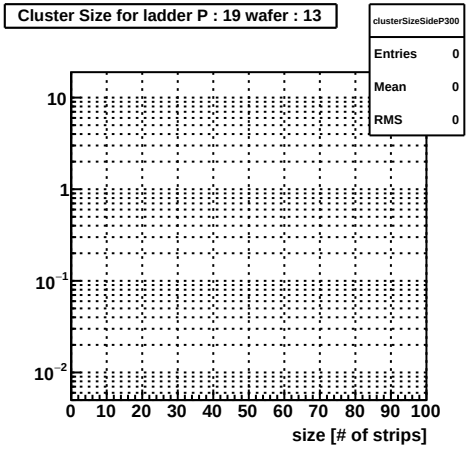

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

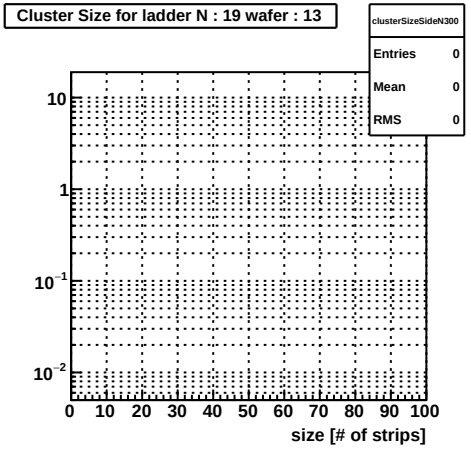

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

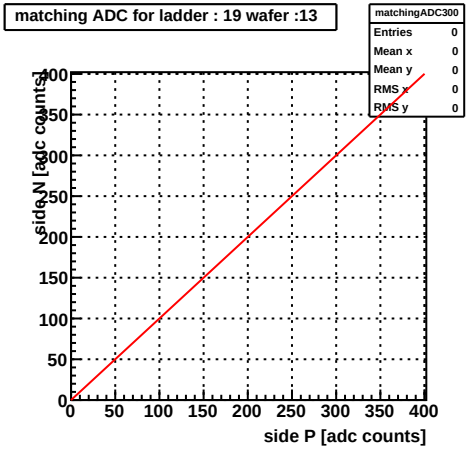

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

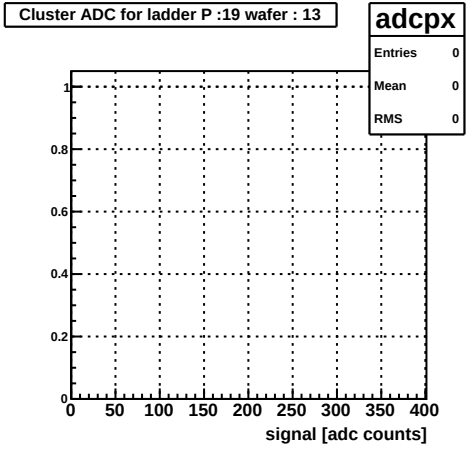

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

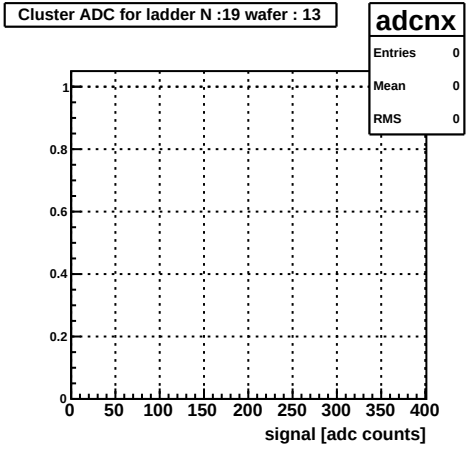

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

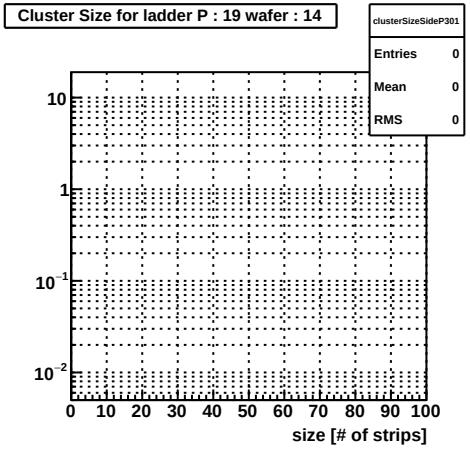

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

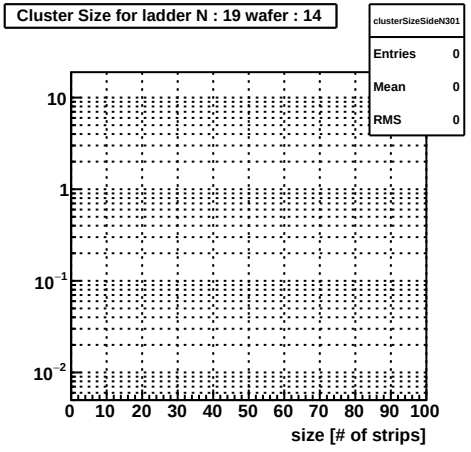

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

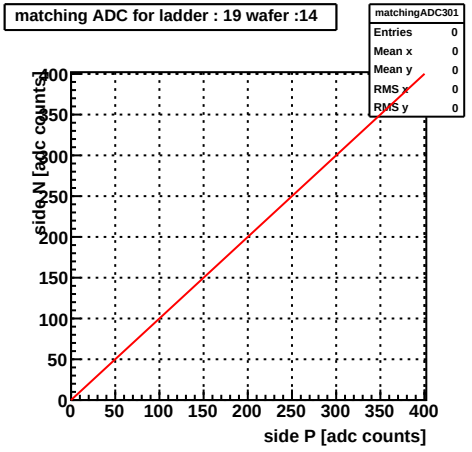

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

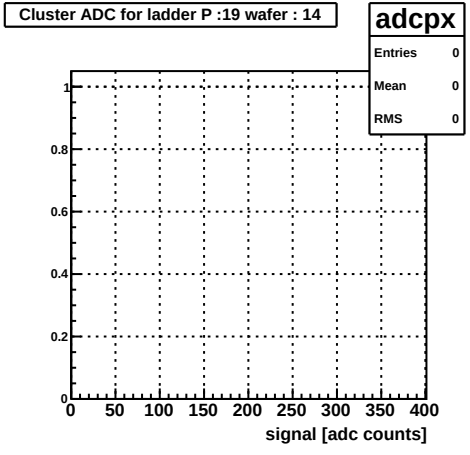

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

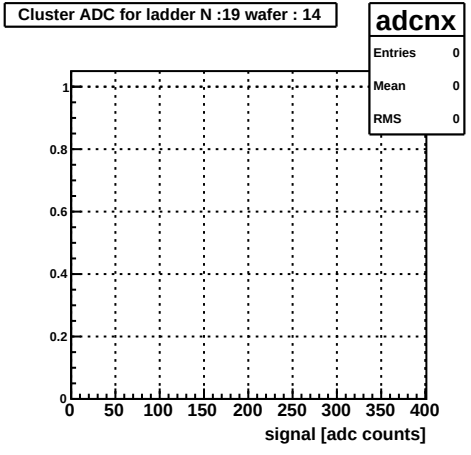

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

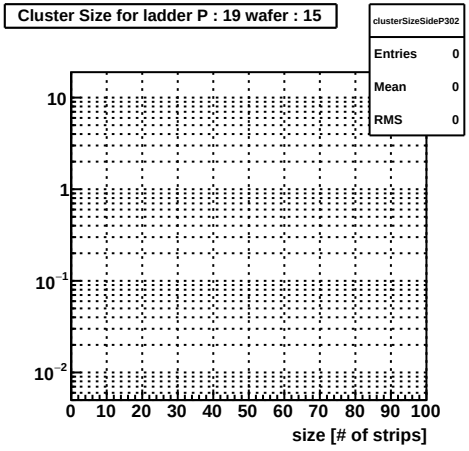

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

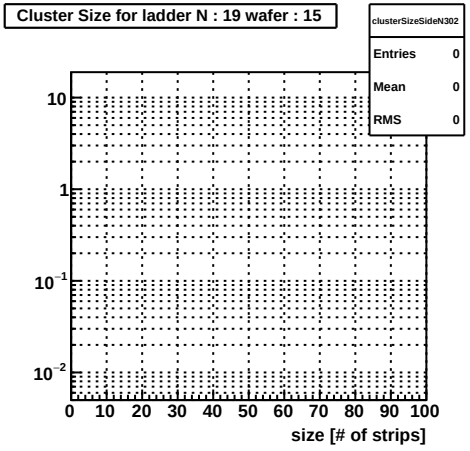

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

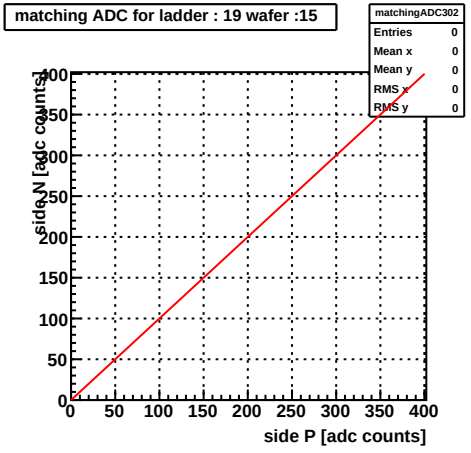

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

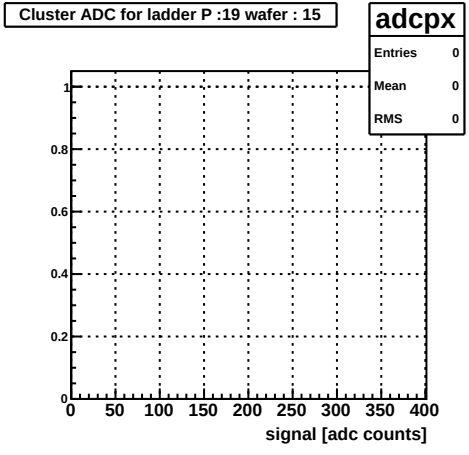

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

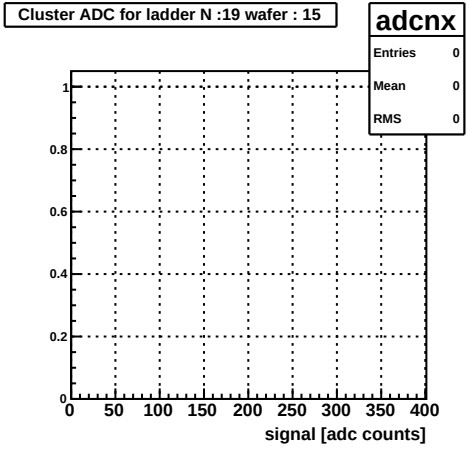

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

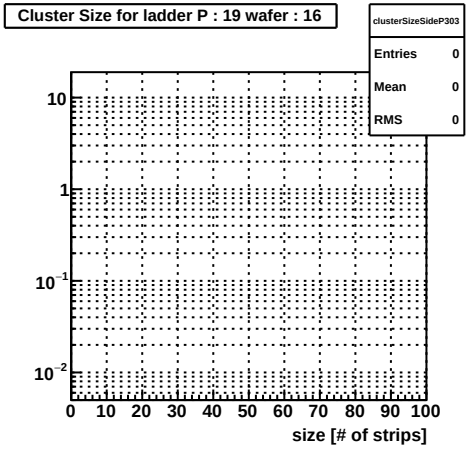

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

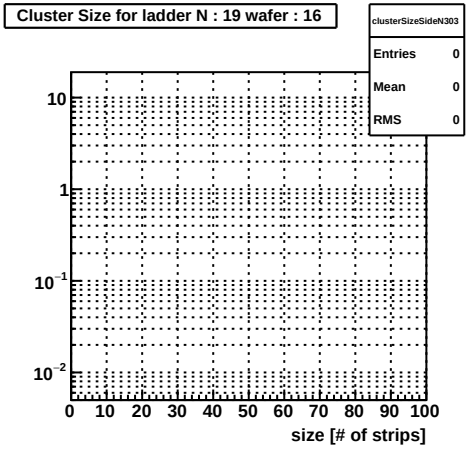

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

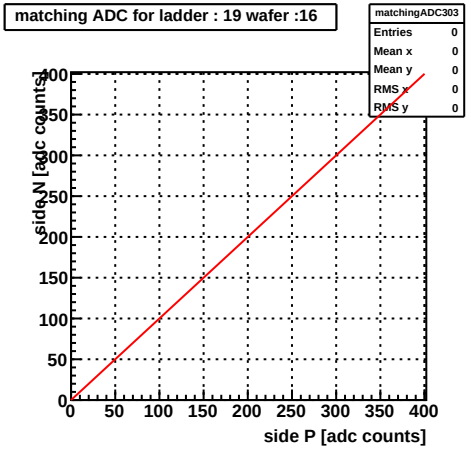

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

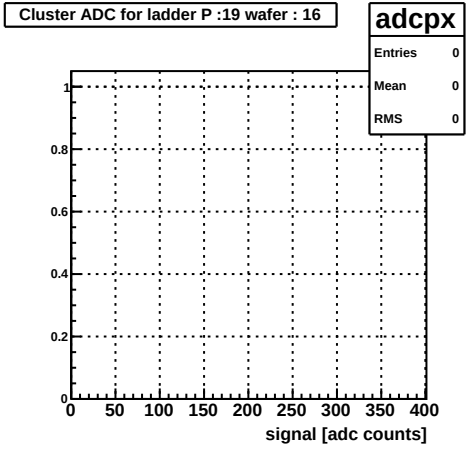

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

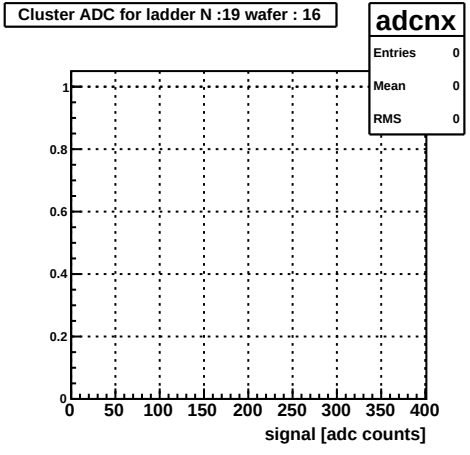

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

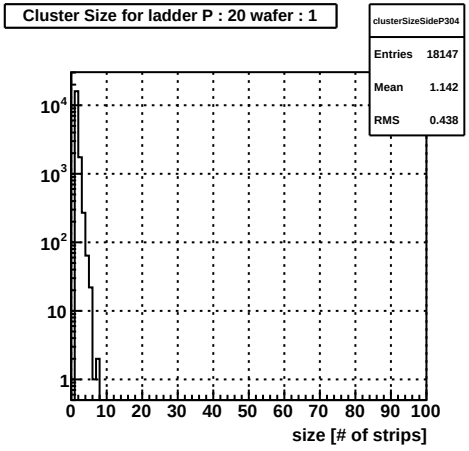

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

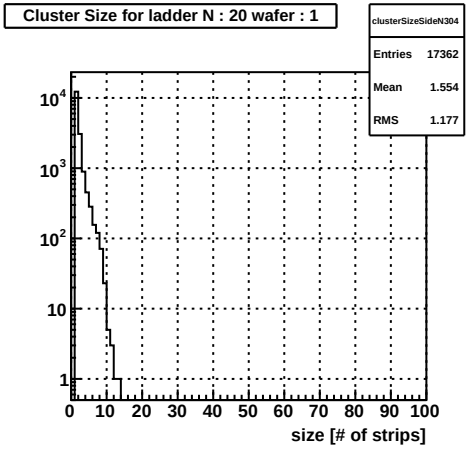

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

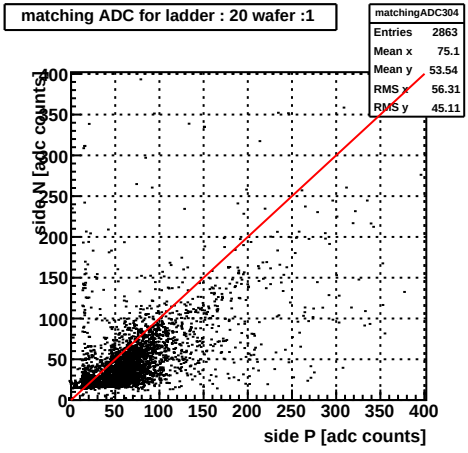

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

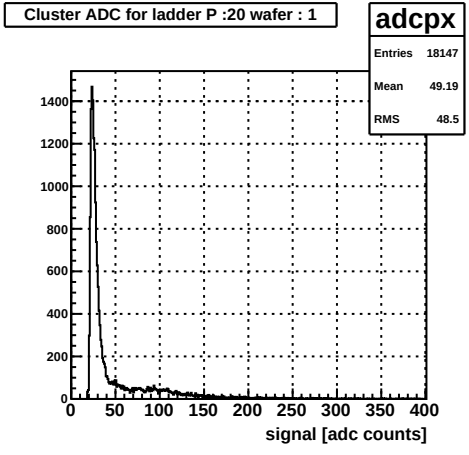

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

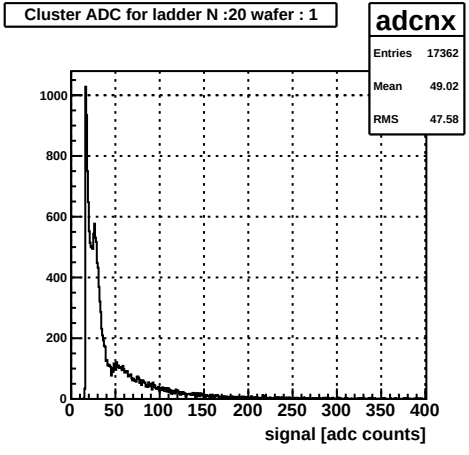

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

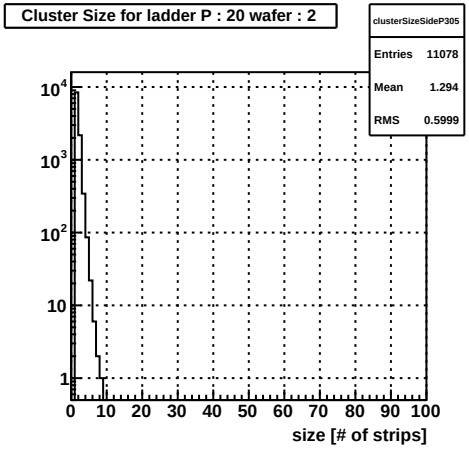

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 18147
Mean 1.142
RMS 0.438
size [# of strips]

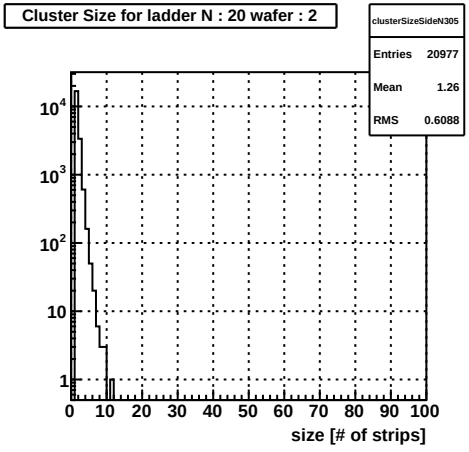

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 17362
Mean 1.554
RMS 1.177
size [# of strips]

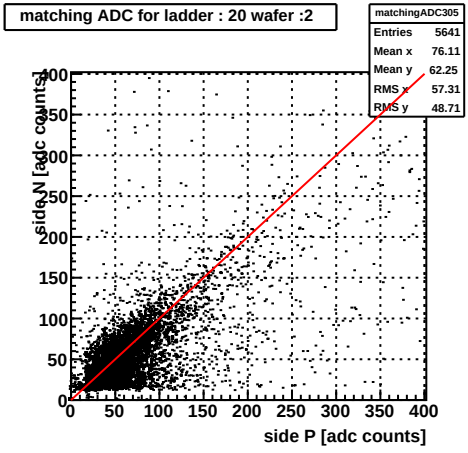

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 2863
Mean x 75.1
Mean y 53.54
RMS x 56.31
RMS y 45.11
side N [adc counts]
side P [adc counts]

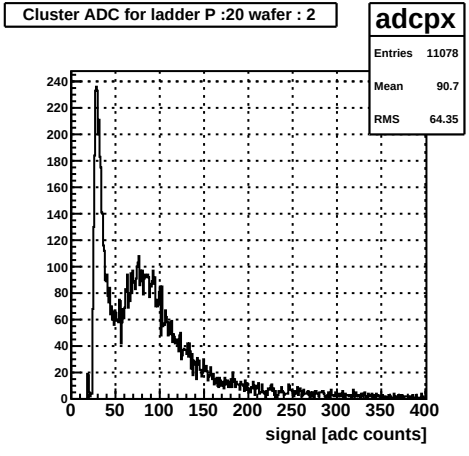

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 18147
Mean 49.19
RMS 48.5
signal [adc counts]

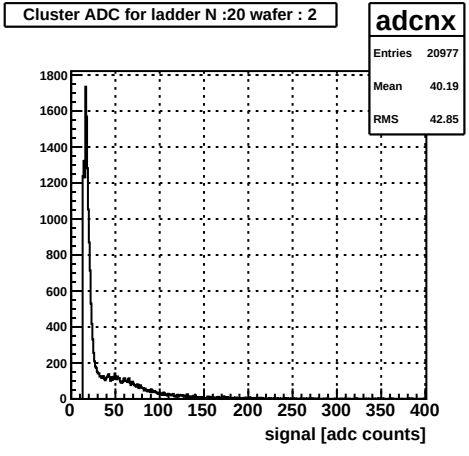

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 17362
Mean 49.02
RMS 47.58
signal [adc counts]

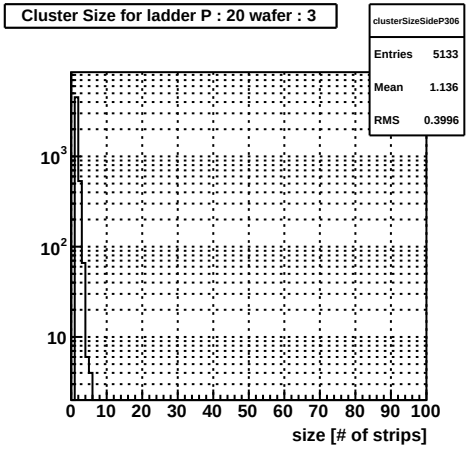

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 11078
Mean 1.294
RMS 0.5999
size [# of strips]

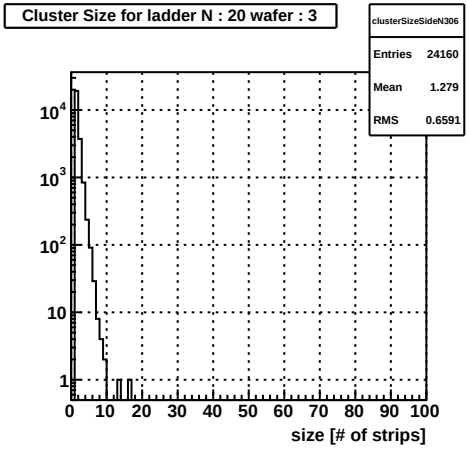

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 20977
Mean 1.26
RMS 0.6088
size [# of strips]

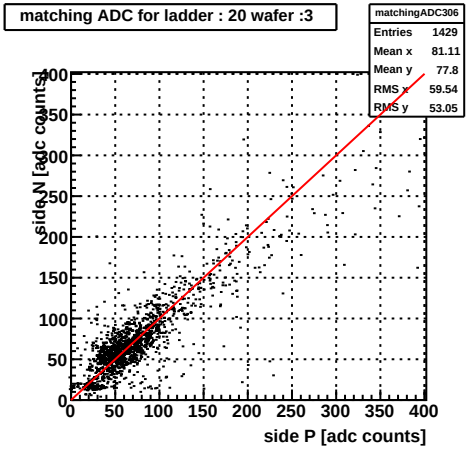

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 5641
Mean x 76.11
Mean y 62.25
RMS x 57.31
RMS y 48.71
side N [adc counts]
side P [adc counts]

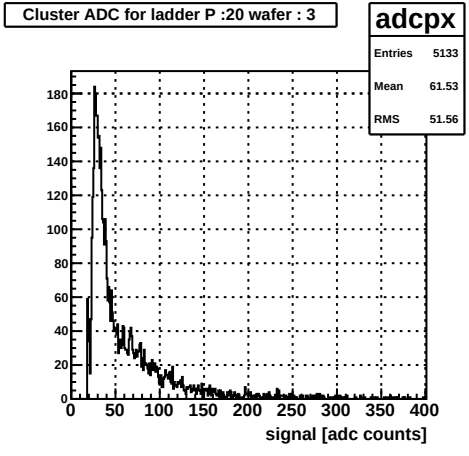

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 11078
Mean 90.7
RMS 64.35
signal [adc counts]

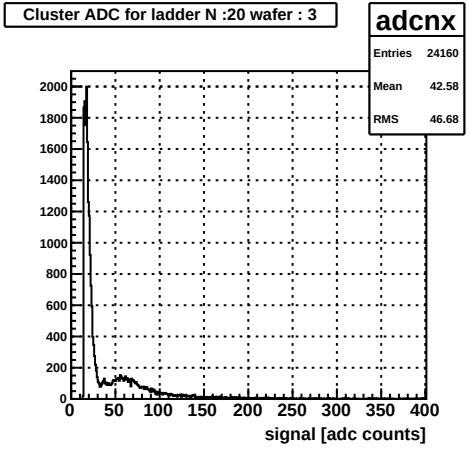

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 20977
Mean 40.19
RMS 42.85
signal [adc counts]

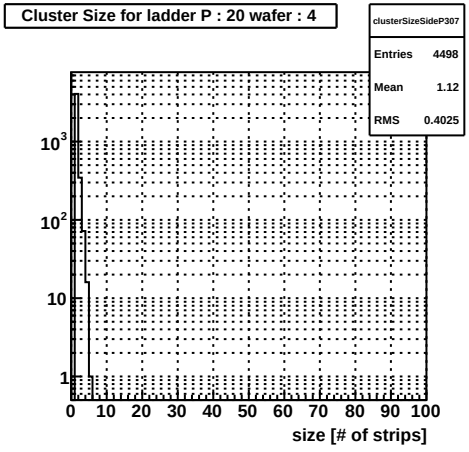

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 5133
Mean 1.136
RMS 0.3996
size [# of strips]

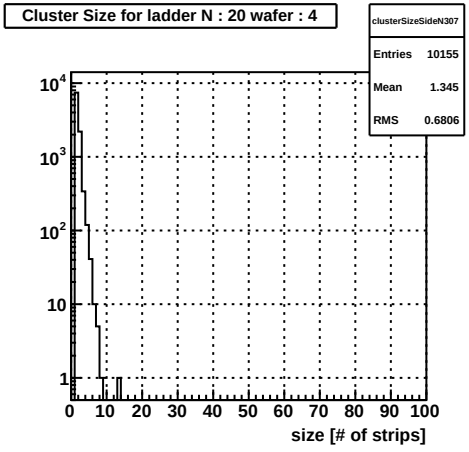

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 24160
Mean 1.279
RMS 0.6591
size [# of strips]

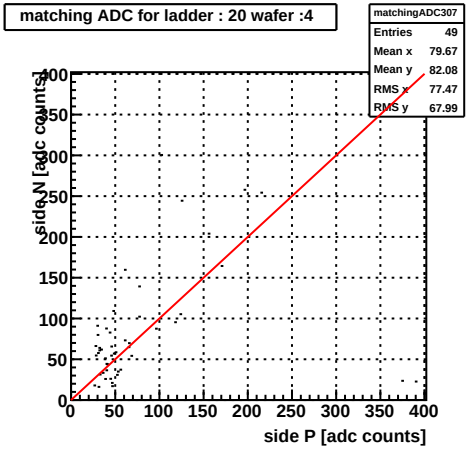

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1429
Mean x 81.11
Mean y 77.8
RMS x 59.54
RMS y 53.05
side N [adc counts]
side P [adc counts]

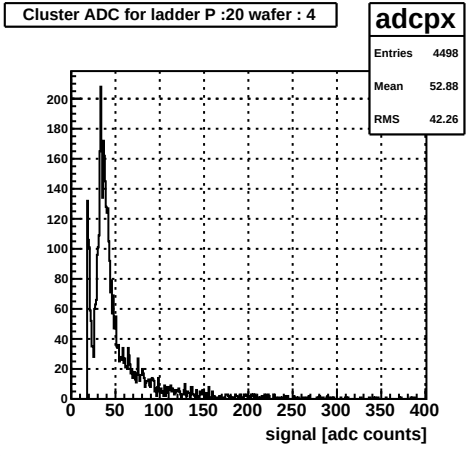

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 5133
Mean 61.53
RMS 51.56
signal [adc counts]

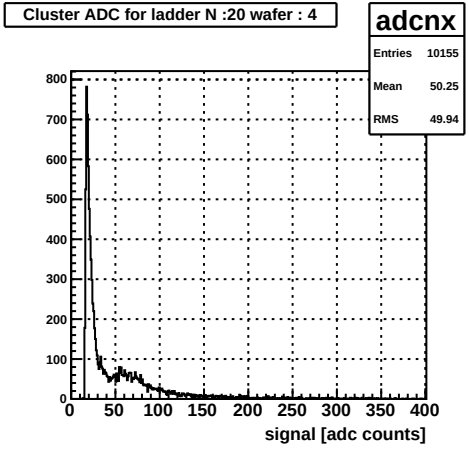

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 24160
Mean 42.58
RMS 46.68
signal [adc counts]

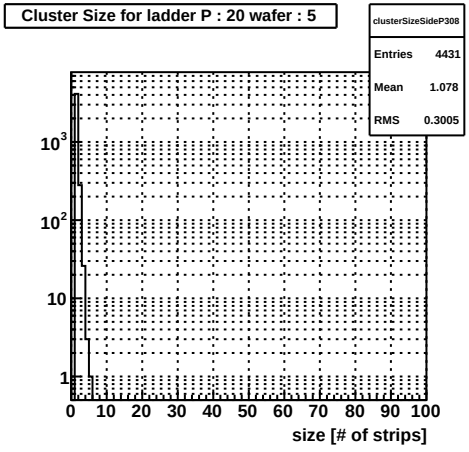

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 4498
Mean 1.12
RMS 0.4025
size [# of strips]

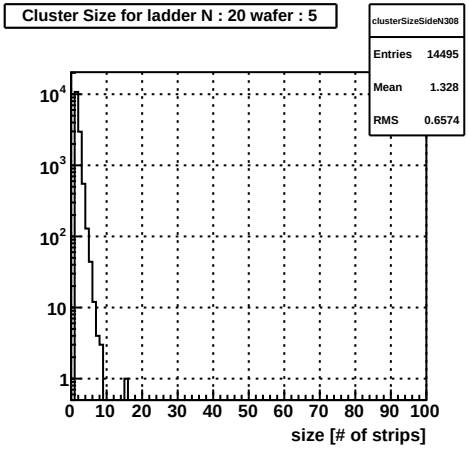

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 10155
Mean 1.345
RMS 0.6806
size [# of strips]

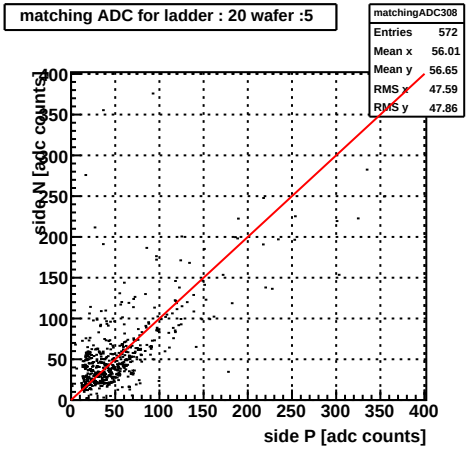

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 49
Mean x 79.67
Mean y 82.08
RMS x 77.47
RMS y 67.99
side N [adc counts]
side P [adc counts]

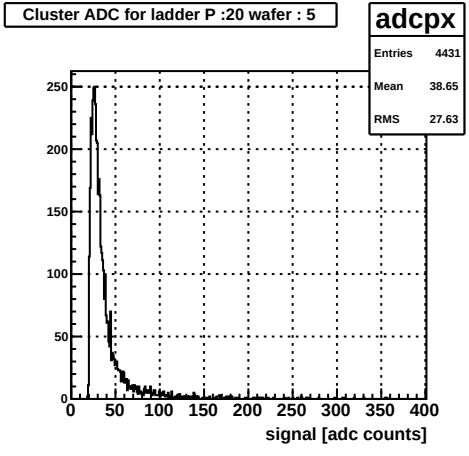

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 4498
Mean 52.88
RMS 42.26
signal [adc counts]

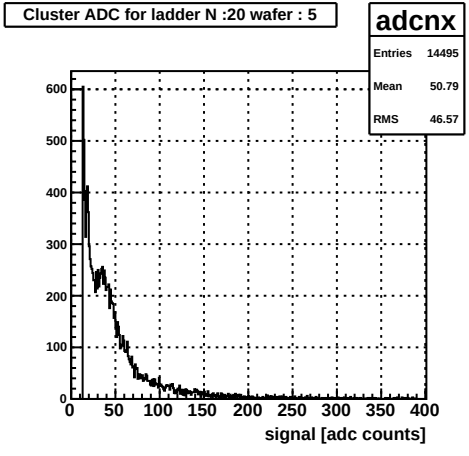

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 10155
Mean 50.25
RMS 49.94
signal [adc counts]

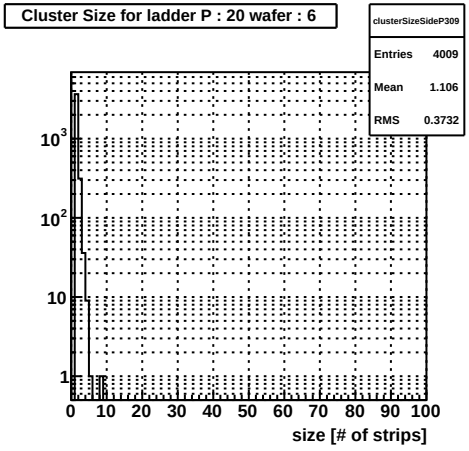

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 4431
Mean 1.078
RMS 0.3005
size [# of strips]

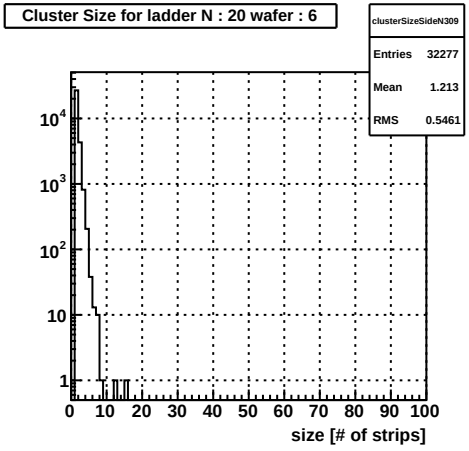

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 14495
Mean 1.328
RMS 0.6574
size [# of strips]

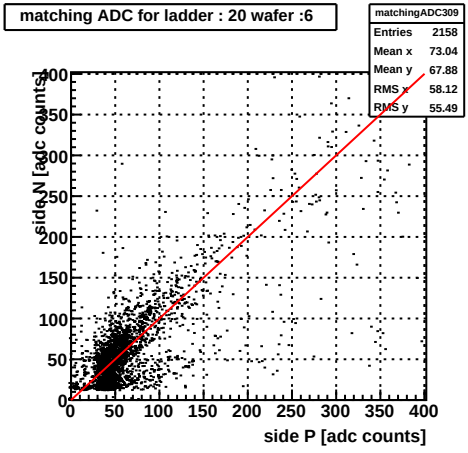

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 572
Mean x 56.01
Mean y 56.65
RMS x 47.59
RMS y 47.86
side N [adc counts]
side P [adc counts]

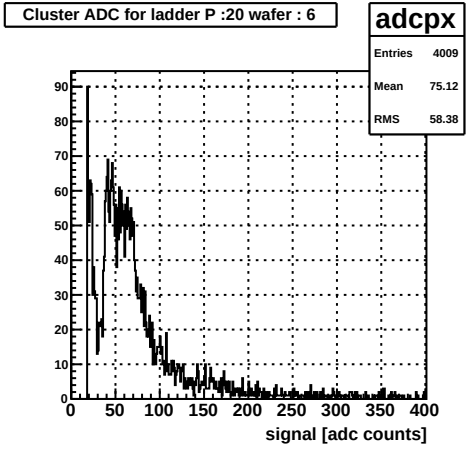

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 4431
Mean 38.65
RMS 27.63
signal [adc counts]

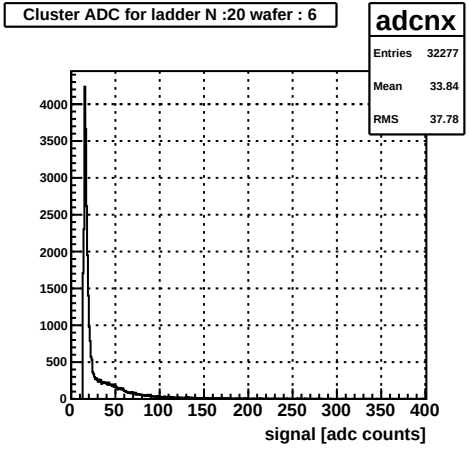

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 14495
Mean 50.79
RMS 46.57
signal [adc counts]

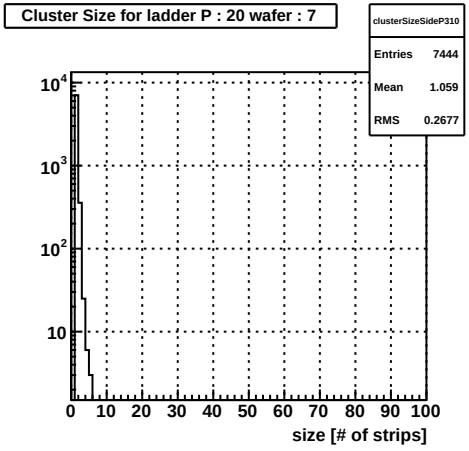

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 4009
Mean 1.106
RMS 0.3732
size [# of strips]

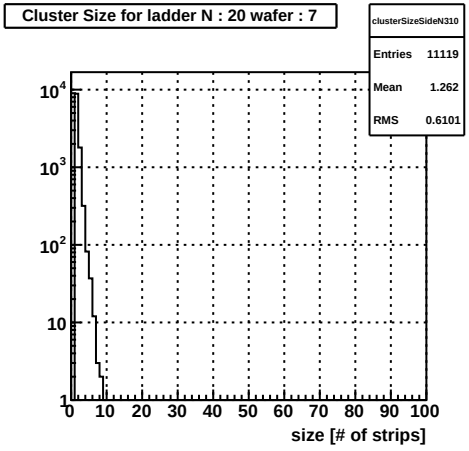

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 32277
Mean 1.213
RMS 0.5461
size [# of strips]

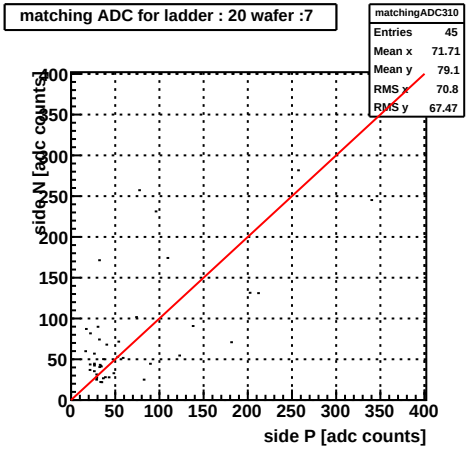

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 2158
Mean x 73.04
Mean y 67.88
RMS x 58.12
RMS y 55.49
side N [adc counts]
side P [adc counts]

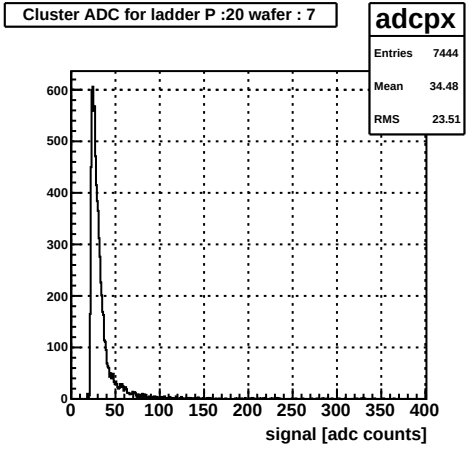

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 4009
Mean 75.12
RMS 58.38
signal [adc counts]

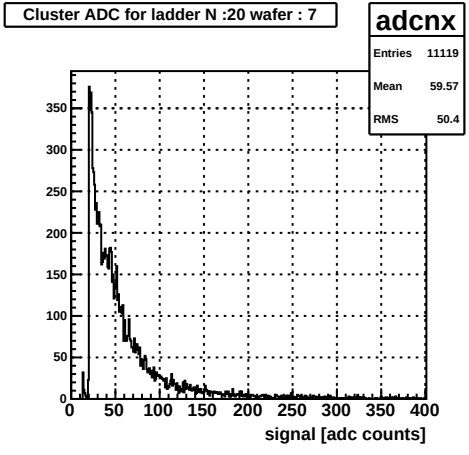

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 32277
Mean 33.84
RMS 37.78
signal [adc counts]

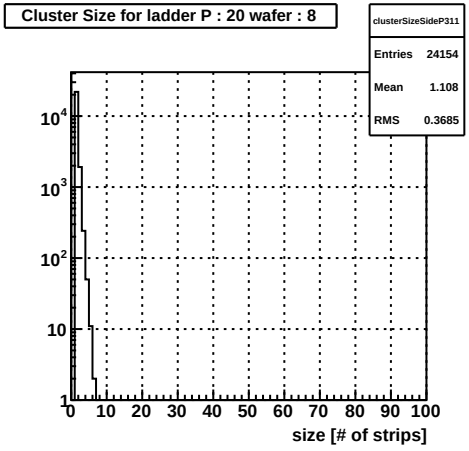

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 7444
Mean 1.059
RMS 0.2677
size [# of strips]

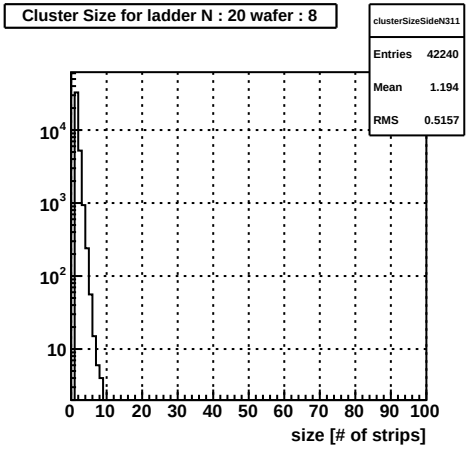

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 11119
Mean 1.262
RMS 0.6101
size [# of strips]

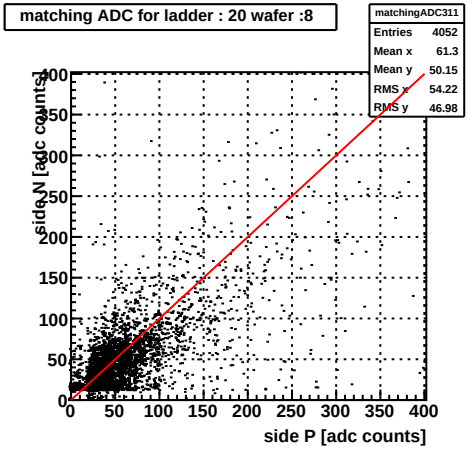

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 45
Mean x 71.71
Mean y 79.1
RMS x 70.8
RMS y 67.47
side N [adc counts]
side P [adc counts]

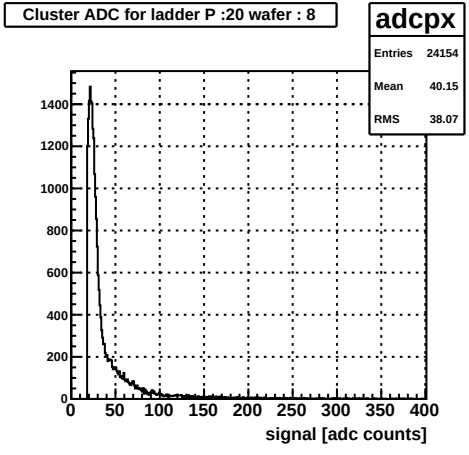

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 7444
Mean 34.48
RMS 23.51
signal [adc counts]

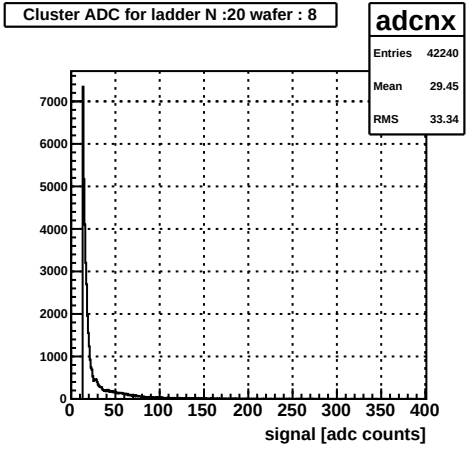

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 11119
Mean 59.57
RMS 50.4
signal [adc counts]

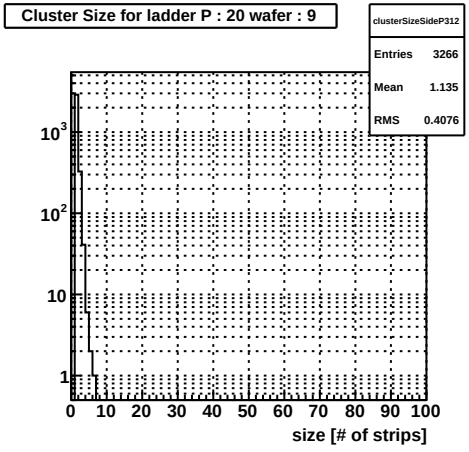

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 24154
Mean 1.108
RMS 0.3685
size [# of strips]

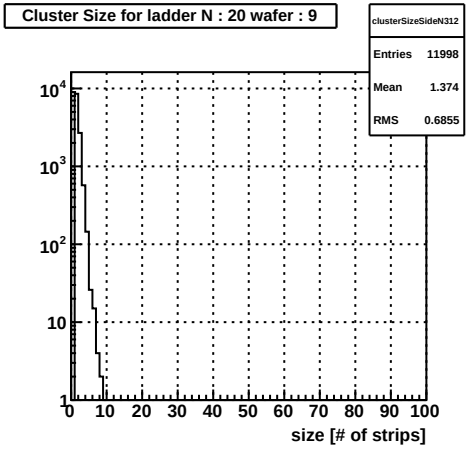

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 42240
Mean 1.194
RMS 0.5157
size [# of strips]

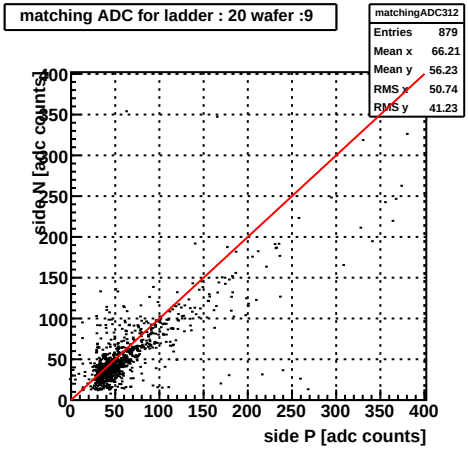

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 4052
Mean x 61.3
Mean y 50.15
RMS x 54.22
RMS y 46.98
side N [adc counts]
side P [adc counts]

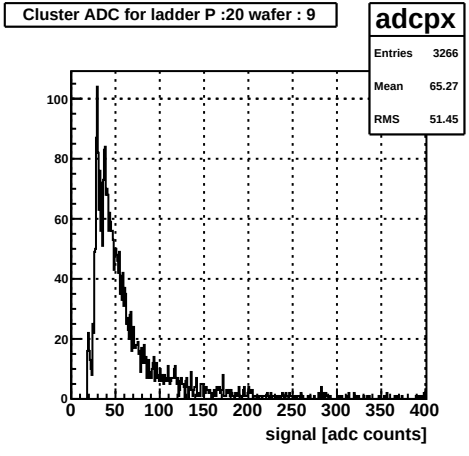

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 24154
Mean 40.15
RMS 38.07
signal [adc counts]

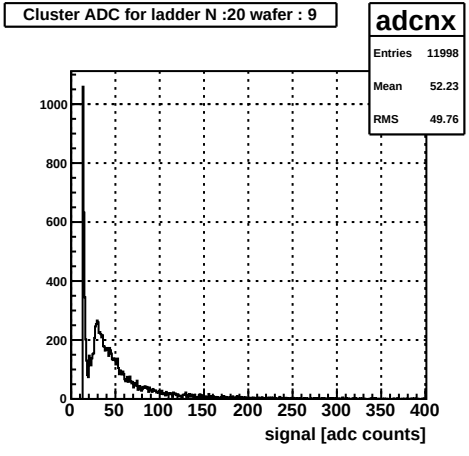

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 42240
Mean 29.45
RMS 33.34
signal [adc counts]

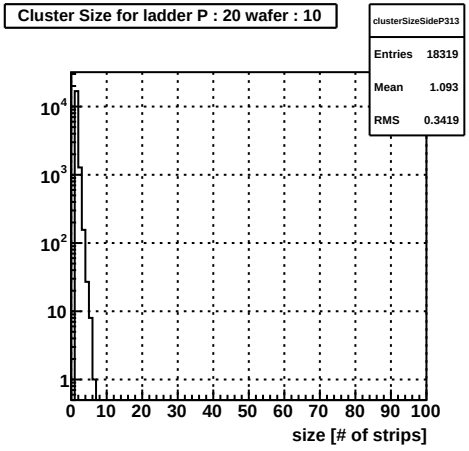

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 3266
Mean 1.135
RMS 0.4076
size [# of strips]

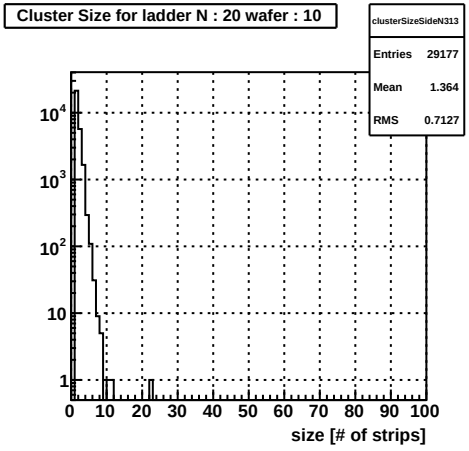

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 11998
Mean 1.374
RMS 0.6855
size [# of strips]

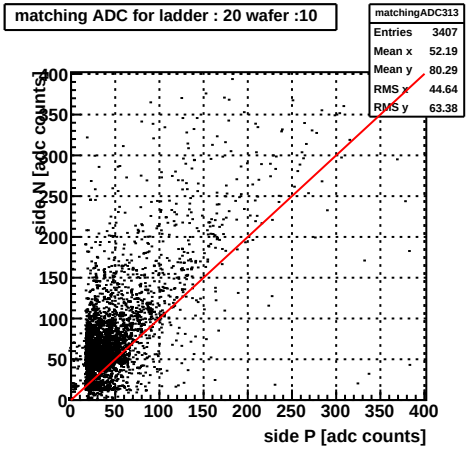

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 879
Mean x 66.21
Mean y 56.23
RMS x 50.74
RMS y 41.23
side N [adc counts]
side P [adc counts]

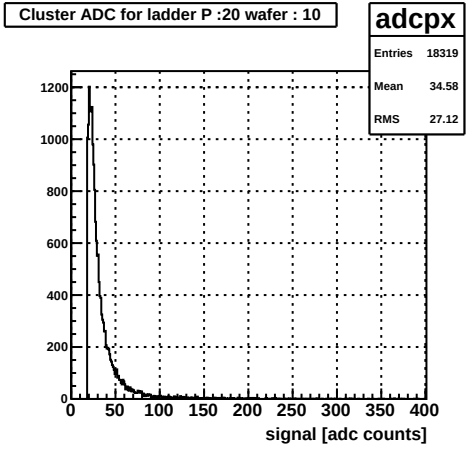

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 3266
Mean 65.27
RMS 51.45
signal [adc counts]

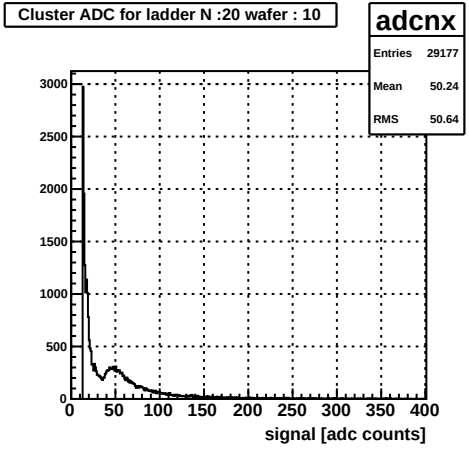

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 11998
Mean 52.23
RMS 49.76
signal [adc counts]

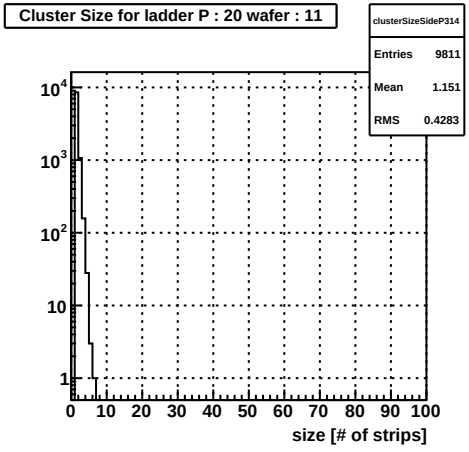

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 18319
Mean 1.093
RMS 0.3419
size [# of strips]

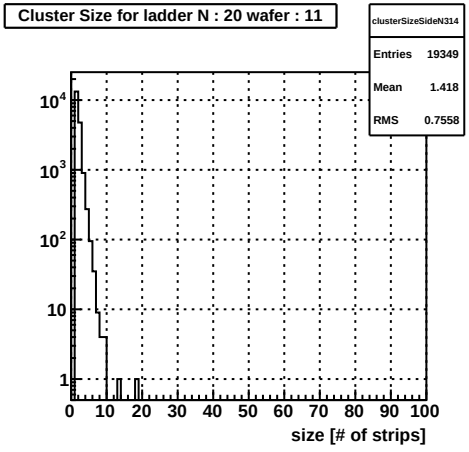

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 29177
Mean 1.364
RMS 0.7127
size [# of strips]

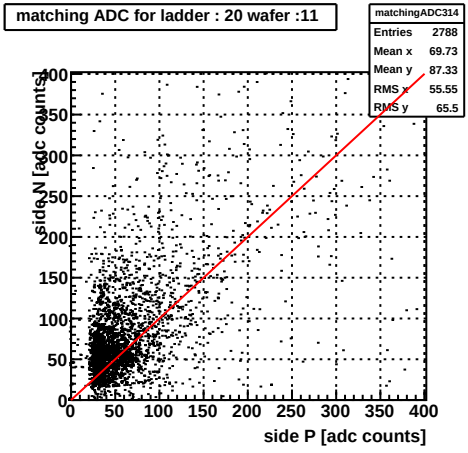

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 3407
Mean x 52.19
Mean y 80.29
RMS x 44.64
RMS y 63.38
side N [adc counts]
side P [adc counts]

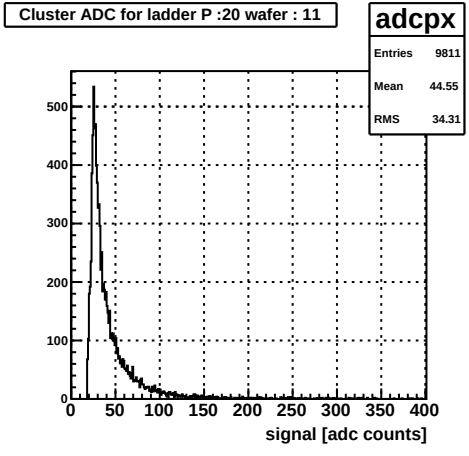

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 18319
Mean 34.58
RMS 27.12
signal [adc counts]

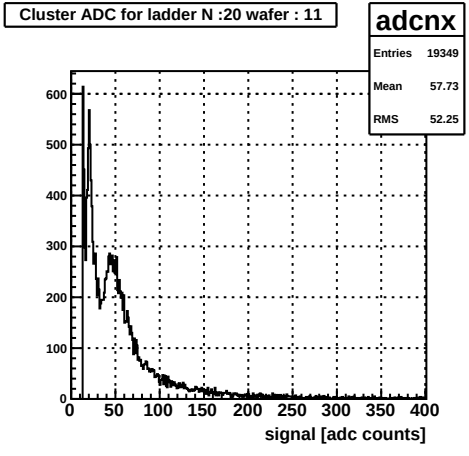

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 29177
Mean 50.24
RMS 50.64
signal [adc counts]

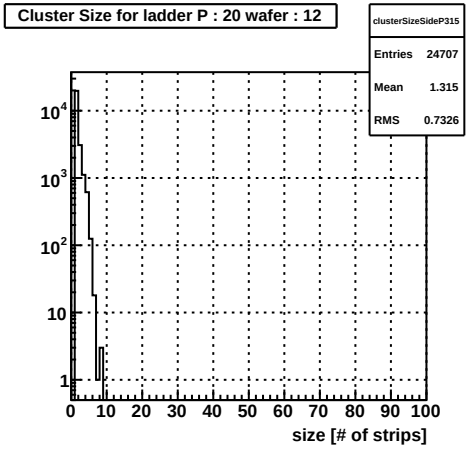

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 9811
Mean 1.151
RMS 0.4283
size [# of strips]

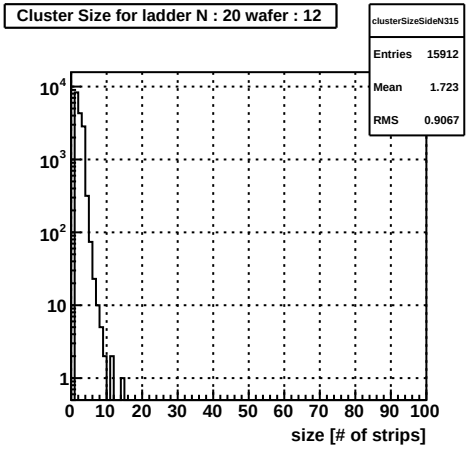

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 19349
Mean 1.418
RMS 0.7558
size [# of strips]

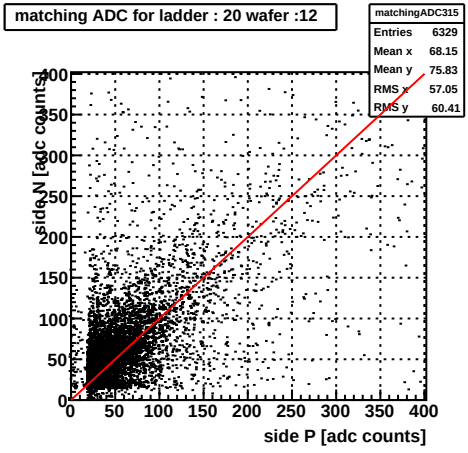

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2788
Mean x 69.73
Mean y 87.33
RMS x 55.55
RMS y 65.5
side N [adc counts]
side P [adc counts]

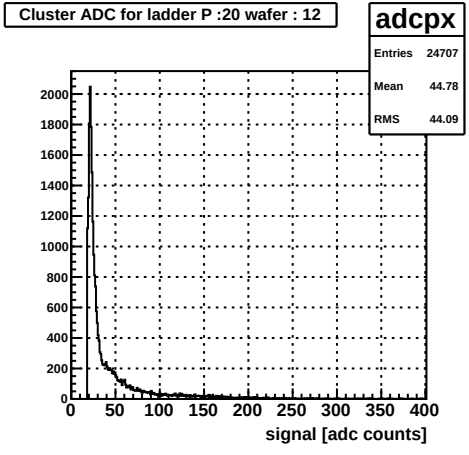

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 9811
Mean 44.55
RMS 34.31
signal [adc counts]

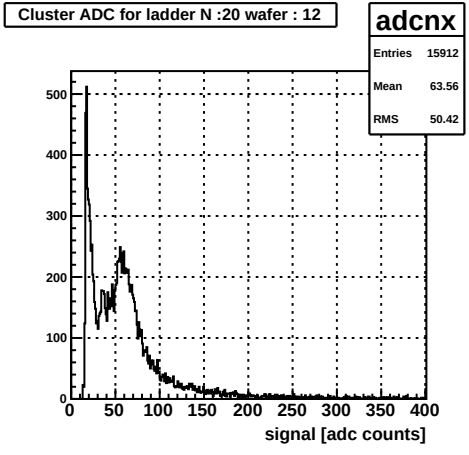

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 19349
Mean 57.73
RMS 52.25
signal [adc counts]

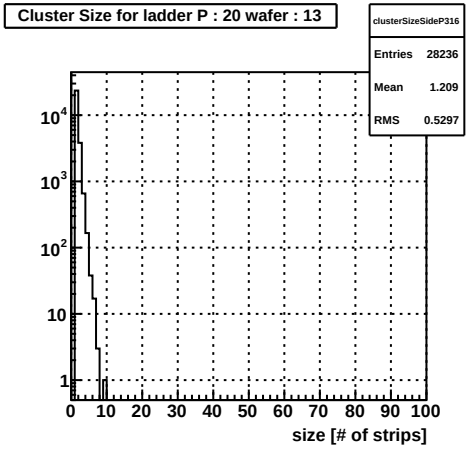

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 24707
Mean 1.315
RMS 0.7326
size [# of strips]

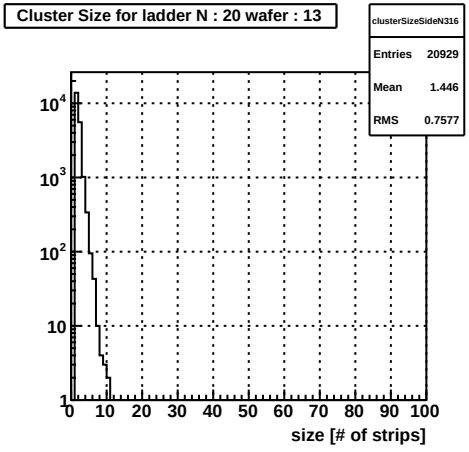

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 15912
Mean 1.723
RMS 0.9067
size [# of strips]

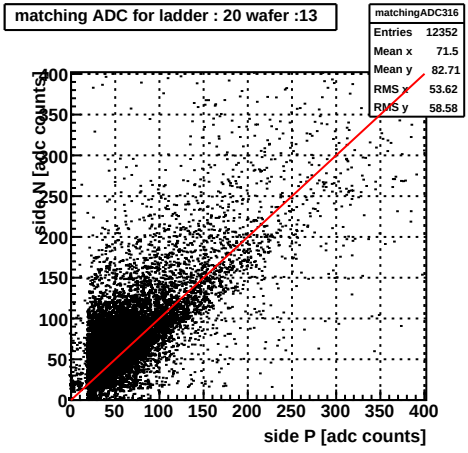

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 6329
Mean x 68.15
Mean y 75.83
RMS x 57.05
RMS y 60.41
side N [adc counts]
side P [adc counts]

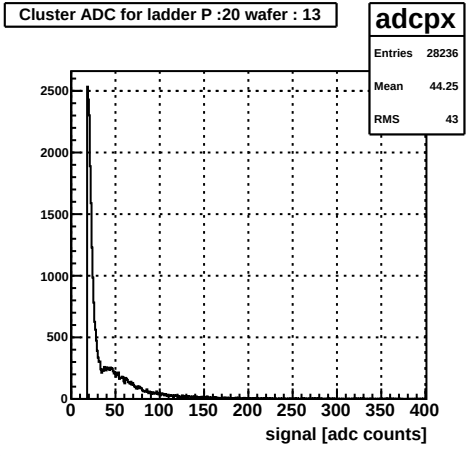

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 24707
Mean 44.78
RMS 44.09
signal [adc counts]

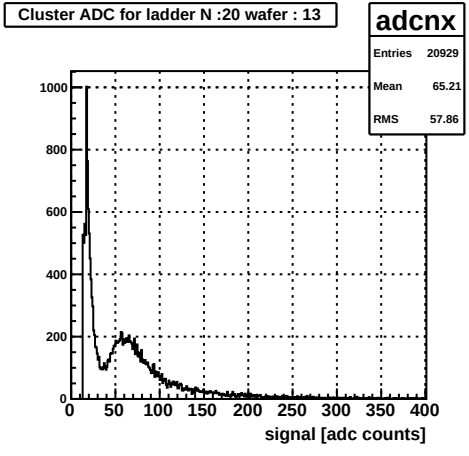

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 15912
Mean 63.56
RMS 50.42
signal [adc counts]

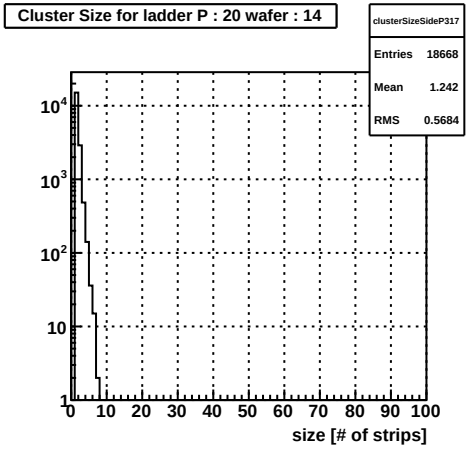

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 28236
Mean 1.209
RMS 0.5297
size [# of strips]

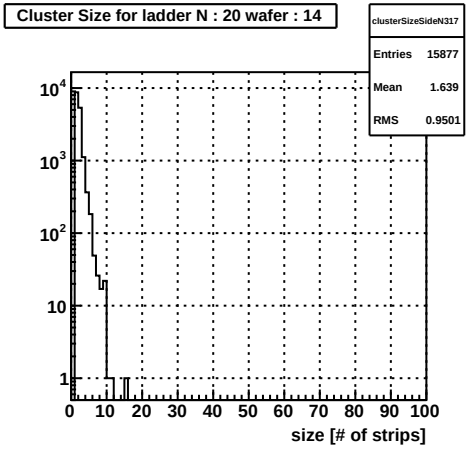

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 20929
Mean 1.446
RMS 0.7577
size [# of strips]

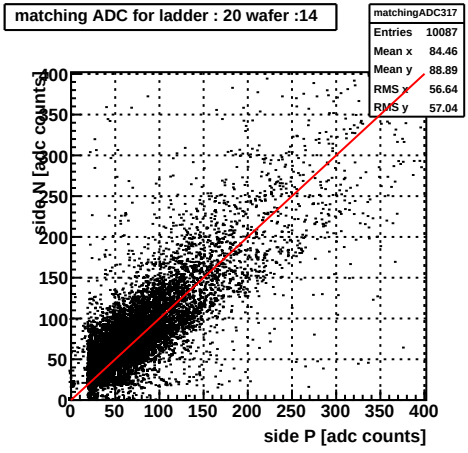

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 12352
Mean x 71.5
Mean y 82.71
RMS x 53.62
RMS y 58.58
side N [adc counts]
side P [adc counts]

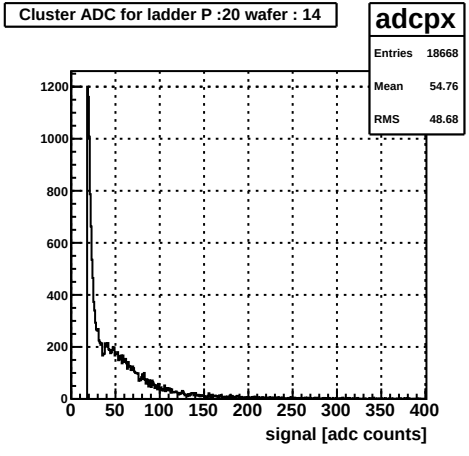

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 28236
Mean 44.25
RMS 43
signal [adc counts]

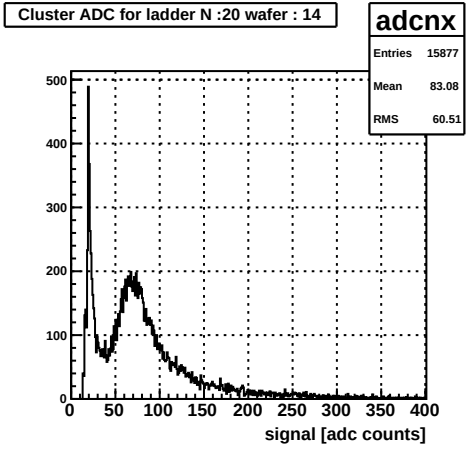

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 20929
Mean 65.21
RMS 57.86
signal [adc counts]

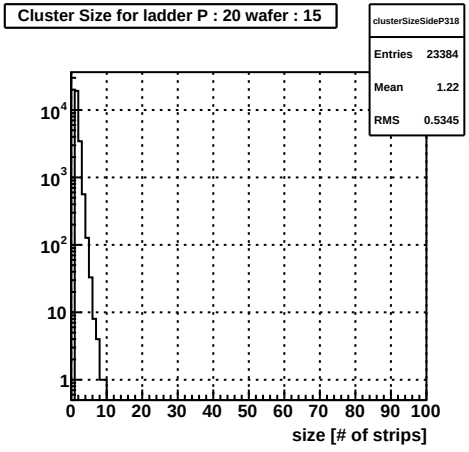

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 18668
Mean 1.242
RMS 0.5684
size [# of strips]

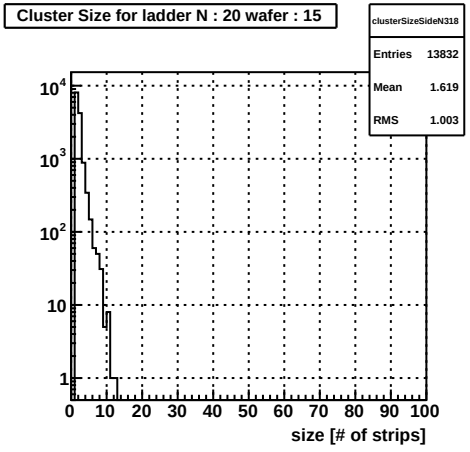

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 15877
Mean 1.639
RMS 0.9501
size [# of strips]

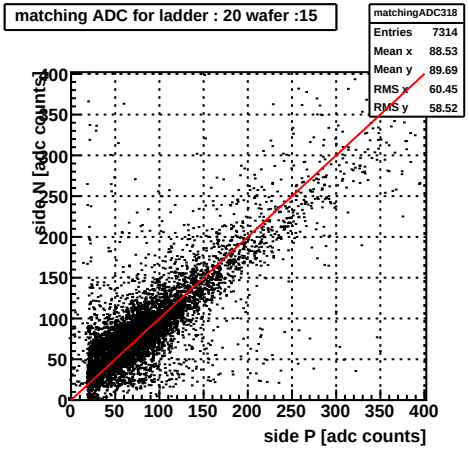

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 10087
Mean x 84.46
Mean y 88.89
RMS x 56.64
RMS y 57.04
side N [adc counts]
side P [adc counts]

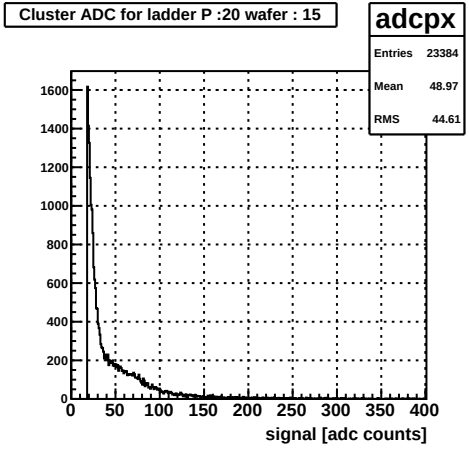

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 18668
Mean 54.76
RMS 48.68
signal [adc counts]

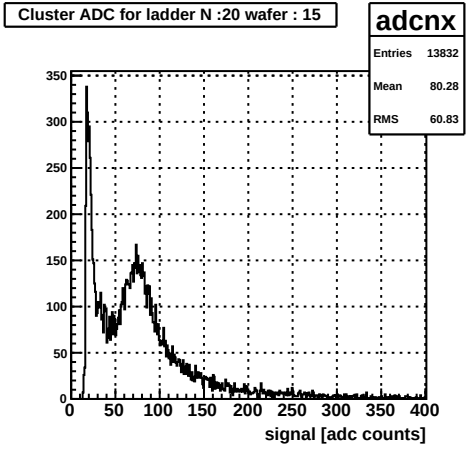

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 15877
Mean 83.08
RMS 60.51
signal [adc counts]

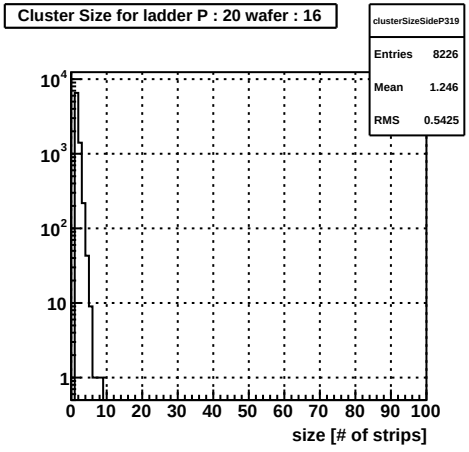

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 23384
Mean 1.22
RMS 0.5345
size [# of strips]

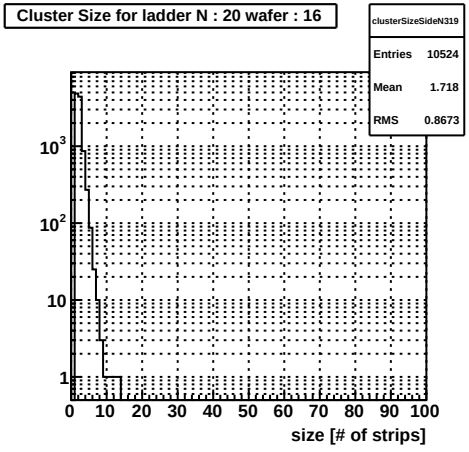

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 13832
Mean 1.619
RMS 1.003
size [# of strips]

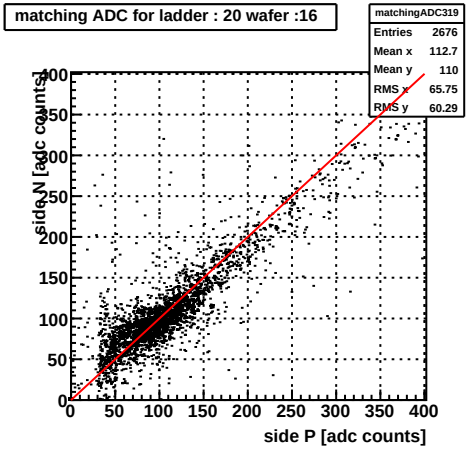

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 7314
Mean x 88.53
Mean y 89.69
RMS x 60.45
RMS y 58.52
side N [adc counts]
side P [adc counts]

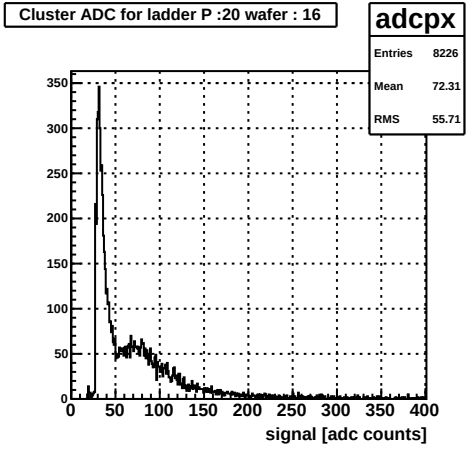

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 23384
Mean 48.97
RMS 44.61
signal [adc counts]

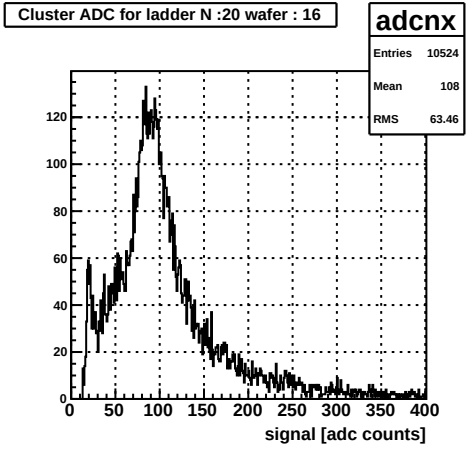

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 13832
Mean 80.28
RMS 60.83
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 8226
Mean 1.246
RMS 0.5425
size [# of strips]

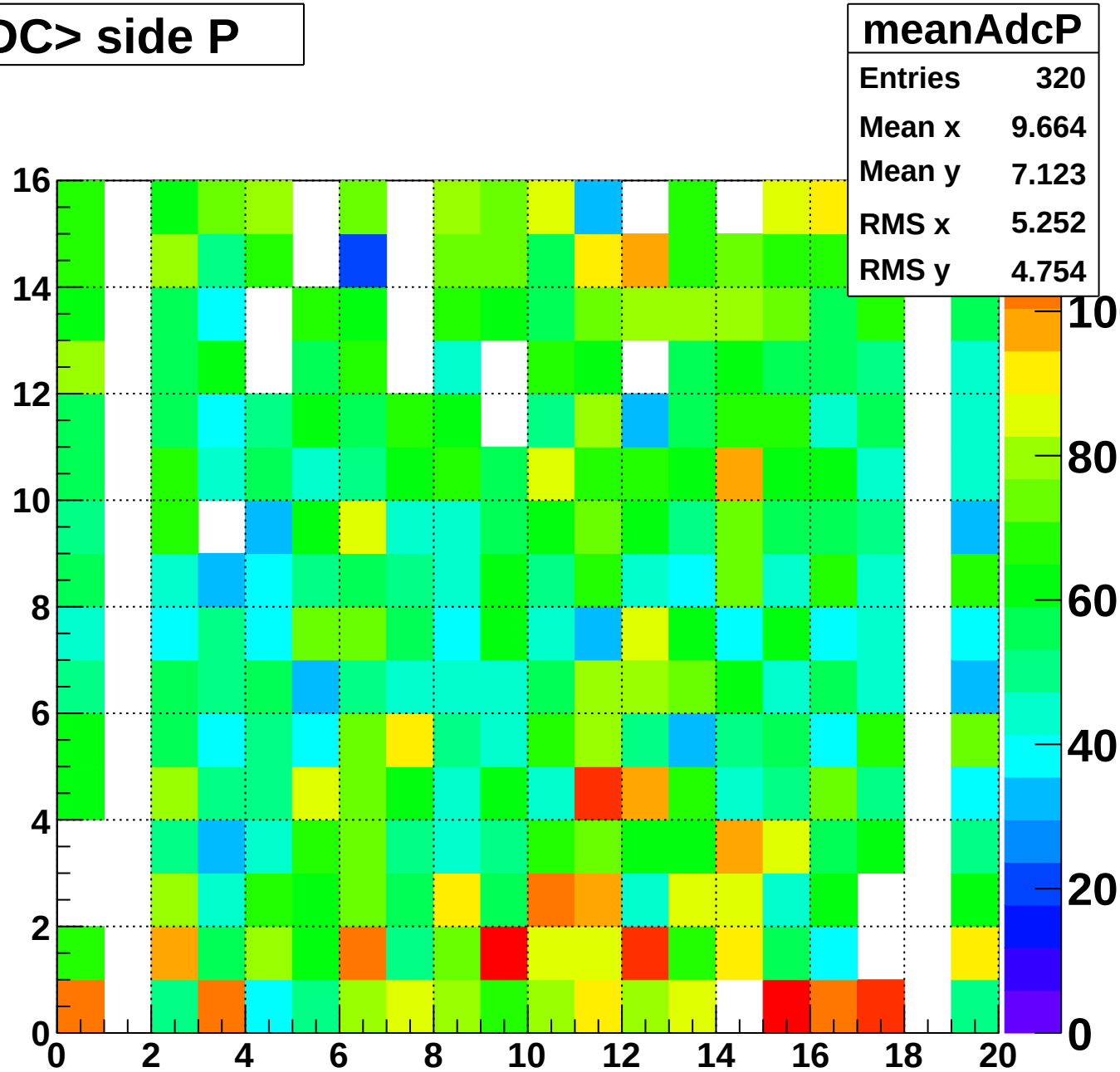

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 10524
Mean 1.718
RMS 0.8673
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2676
Mean x 112.7
Mean y 110
RMS x 65.75
RMS y 60.29
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 8226
Mean 72.31
RMS 55.71
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 10524
Mean 108
RMS 63.46
signal [adc counts]

<ADC> side P



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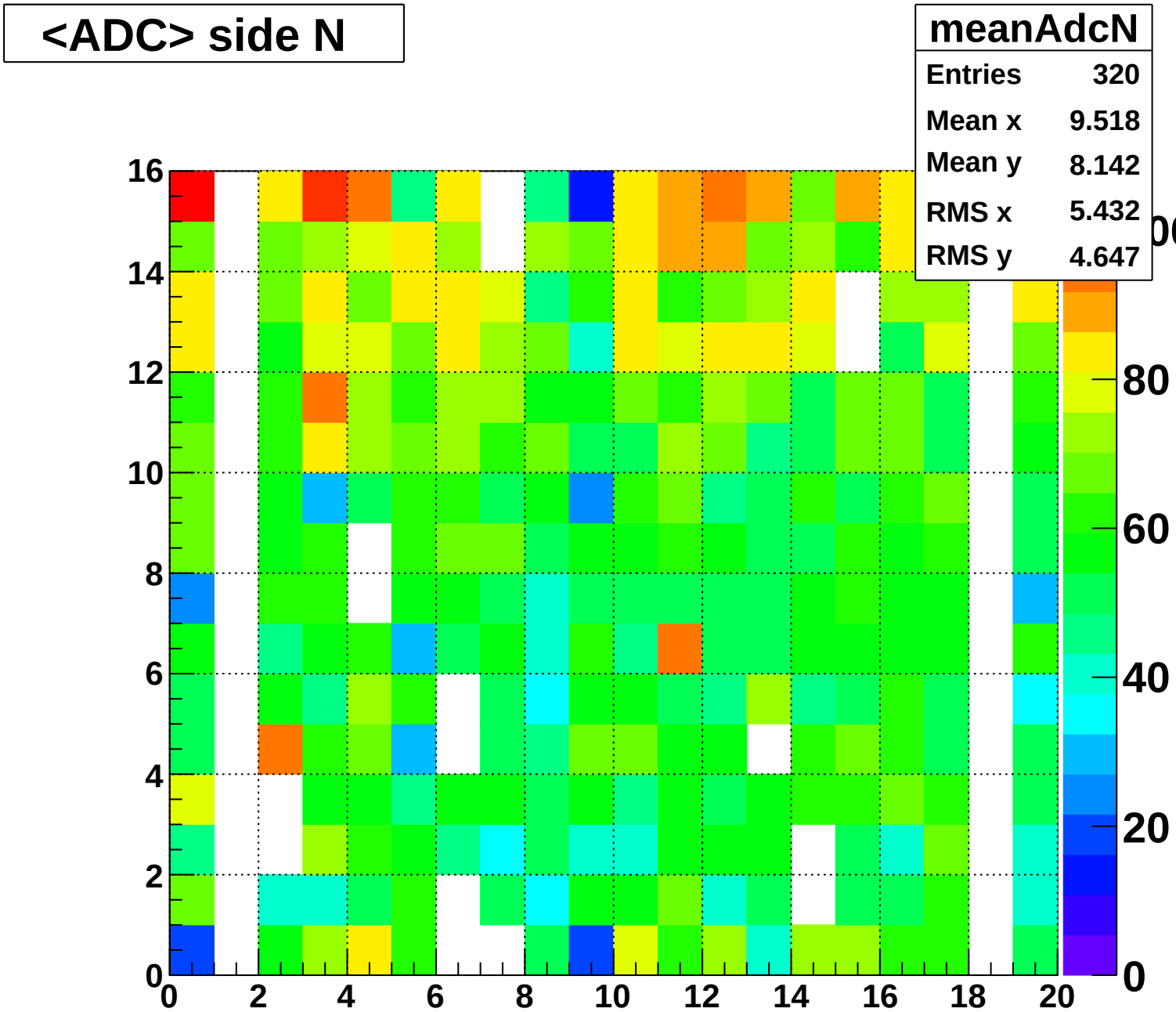

2016-06-26 22:22:13