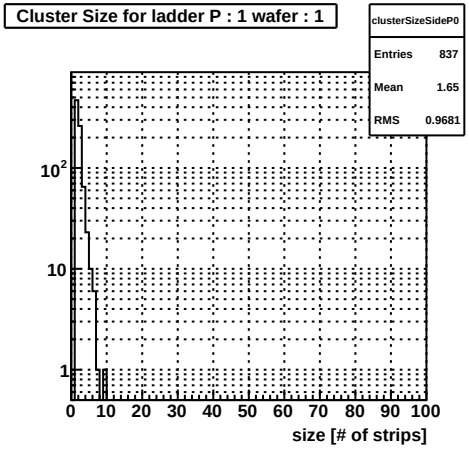
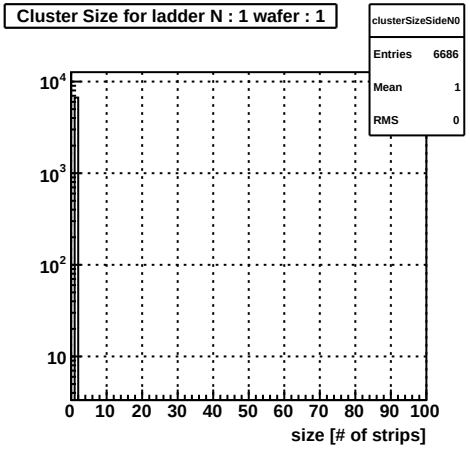
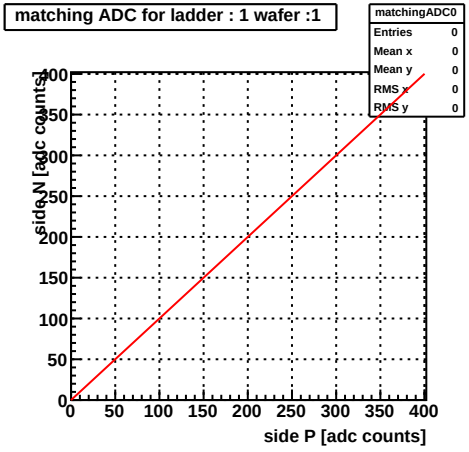
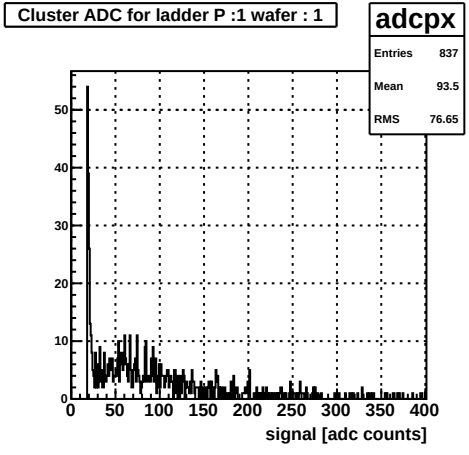
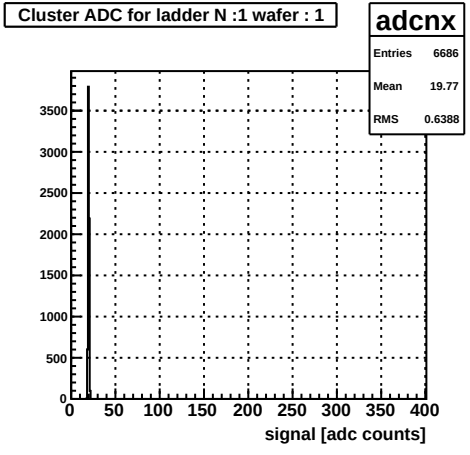
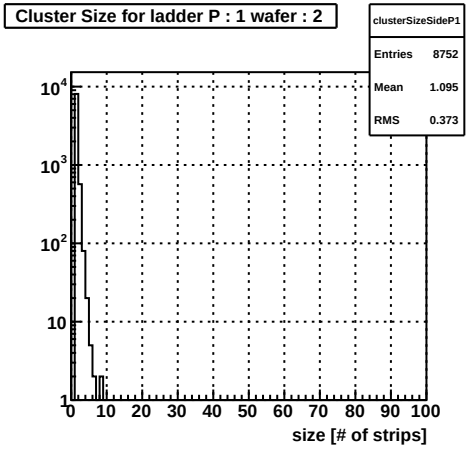

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 837
Mean 1.65
RMS 0.9681
size [# of strips]

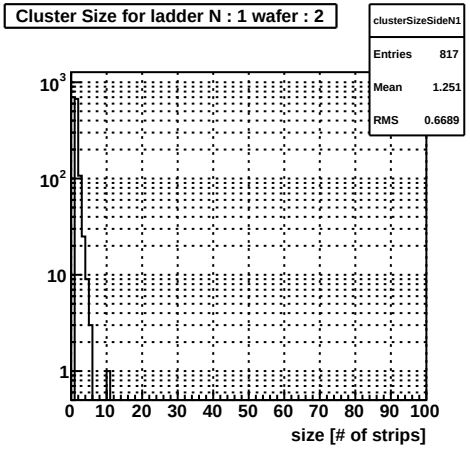

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 6686
Mean 1
RMS 0
size [# of strips]

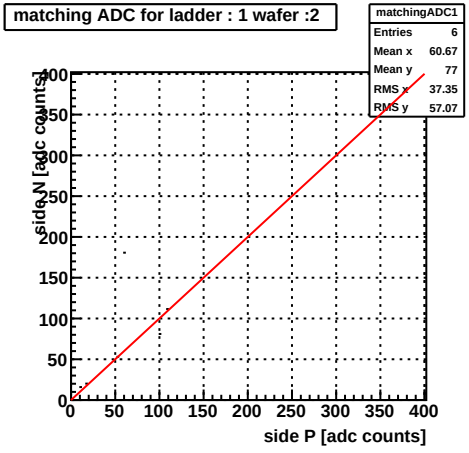

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

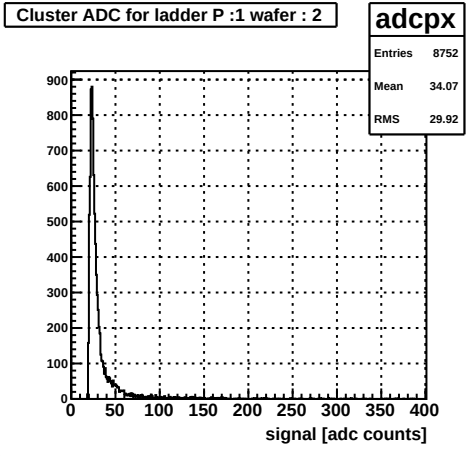

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 837
Mean 93.5
RMS 76.65
signal [adc counts]

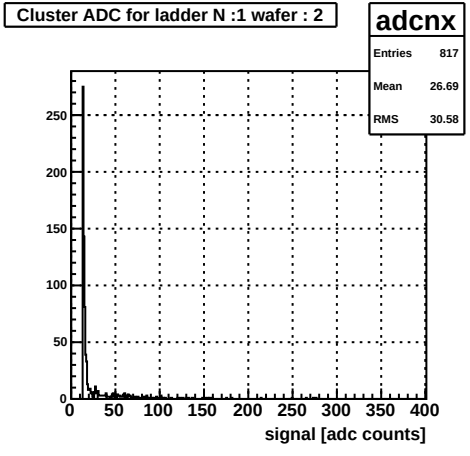

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 6686
Mean 19.77
RMS 0.6388
signal [adc counts]

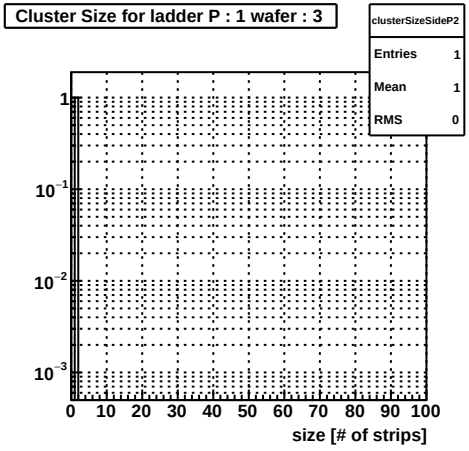

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 8752
Mean 1.095
RMS 0.373
size [# of strips]

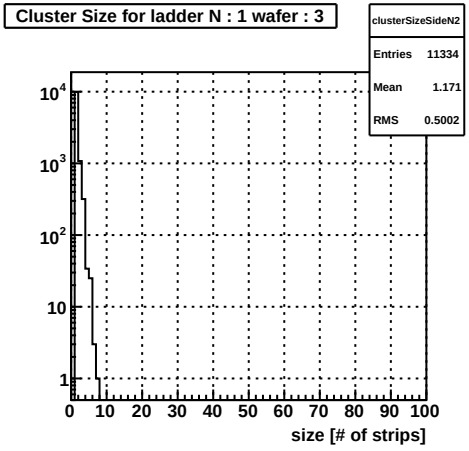

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 817
Mean 1.251
RMS 0.6689
size [# of strips]

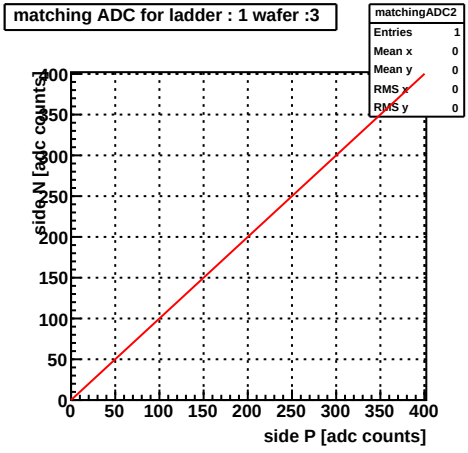

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 6
Mean x 60.67
Mean y 77
RMS x 37.35
RMS y 57.07
side N [adc counts]
side P [adc counts]

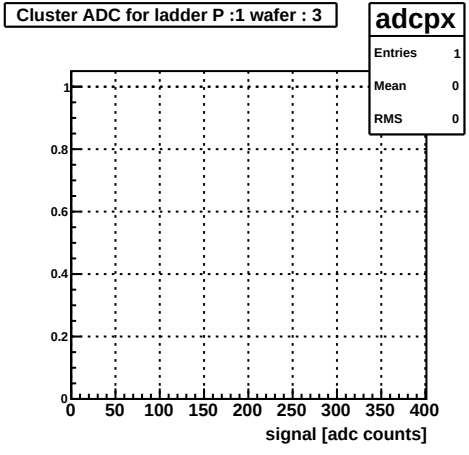

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 8752
Mean 34.07
RMS 29.92
signal [adc counts]

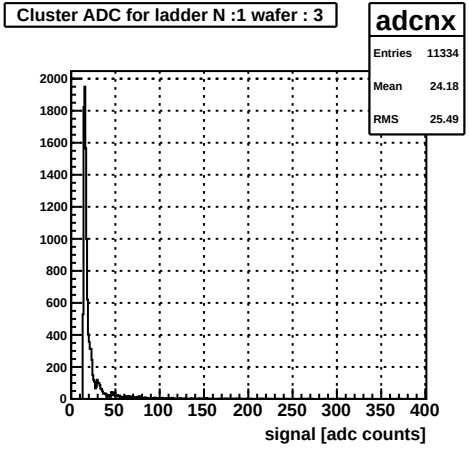

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 817
Mean 26.69
RMS 30.58
signal [adc counts]

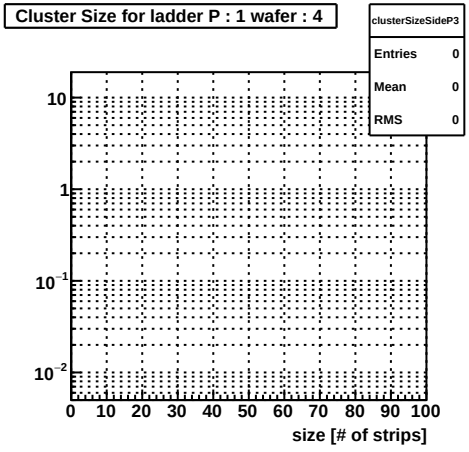

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

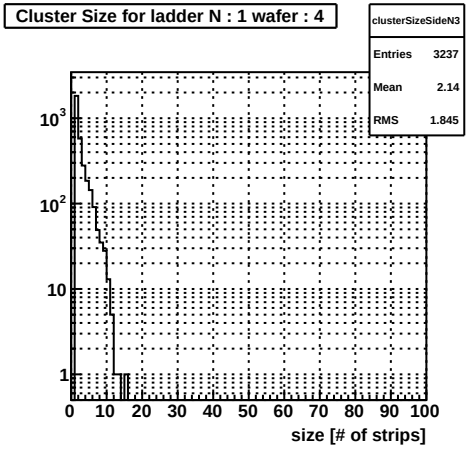

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 11334
Mean 1.171
RMS 0.5002
size [# of strips]

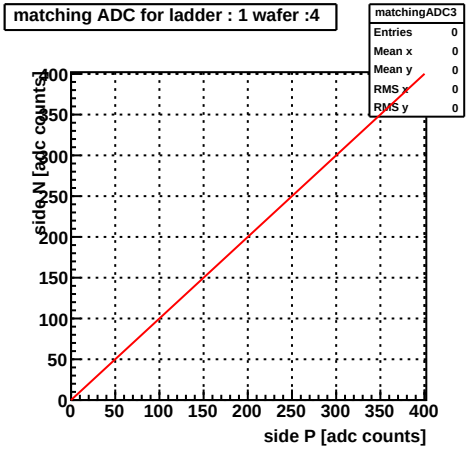

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

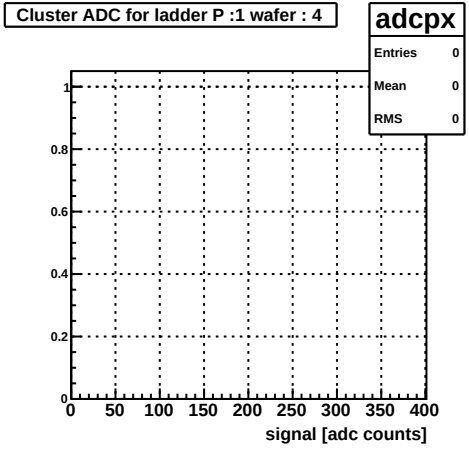

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

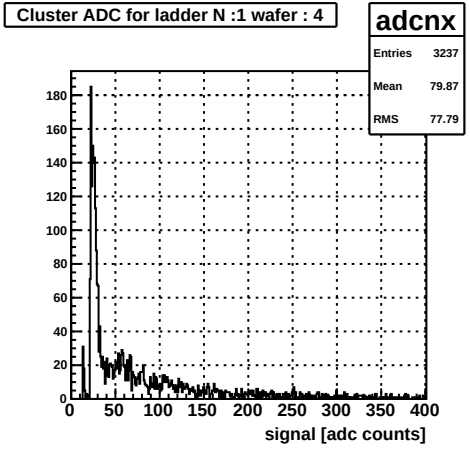

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 11334
Mean 24.18
RMS 25.49
signal [adc counts]

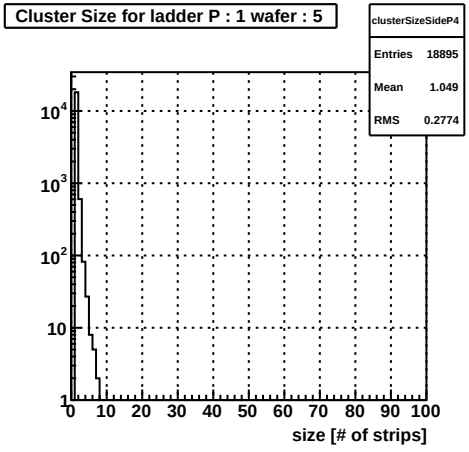

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

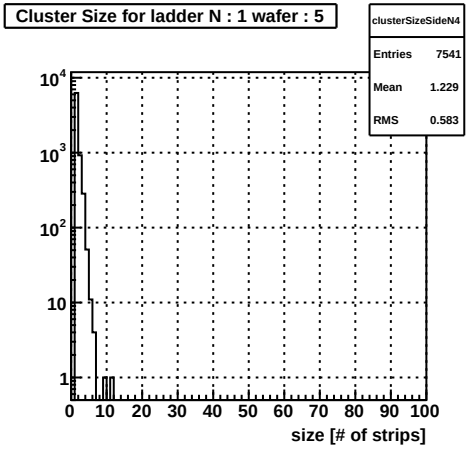

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3237
Mean 2.14
RMS 1.845
size [# of strips]

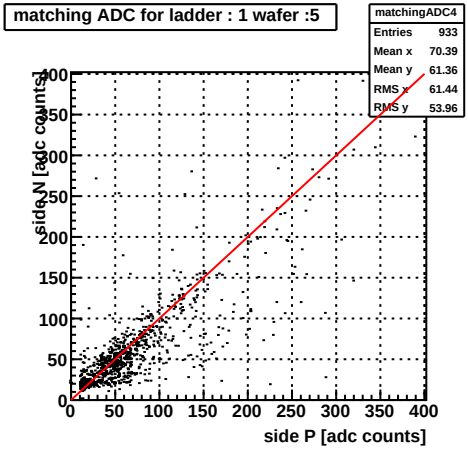

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

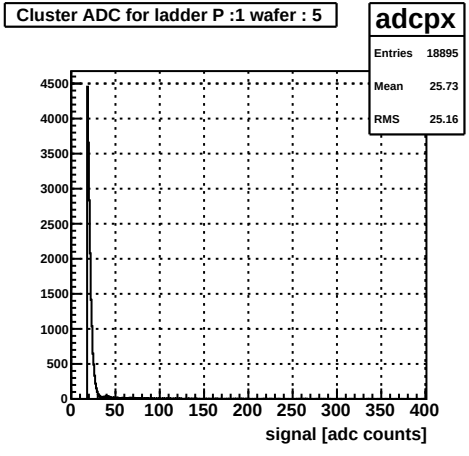

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

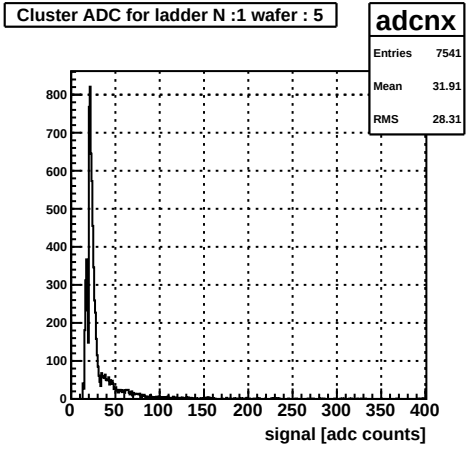

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3237
Mean 79.87
RMS 77.79
signal [adc counts]

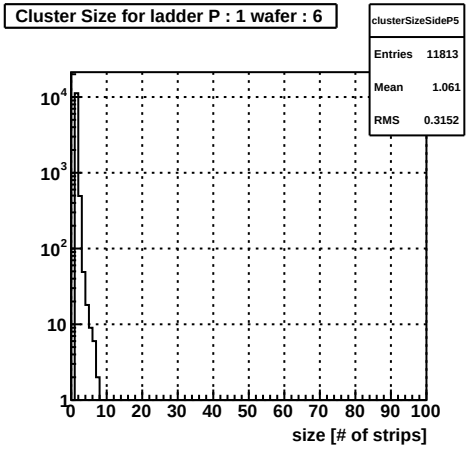

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 18895
Mean 1.049
RMS 0.2774
size [# of strips]

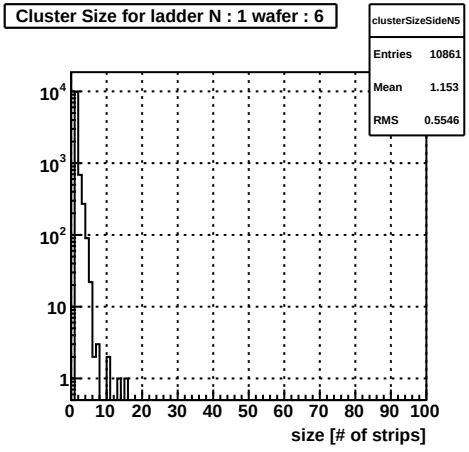

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 7541
Mean 1.229
RMS 0.583
size [# of strips]

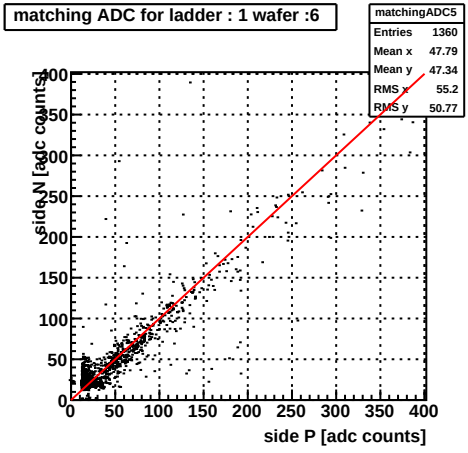

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 933
Mean x 70.39
Mean y 61.36
RMS x 61.44
RMS y 53.96
side N [adc counts]
side P [adc counts]

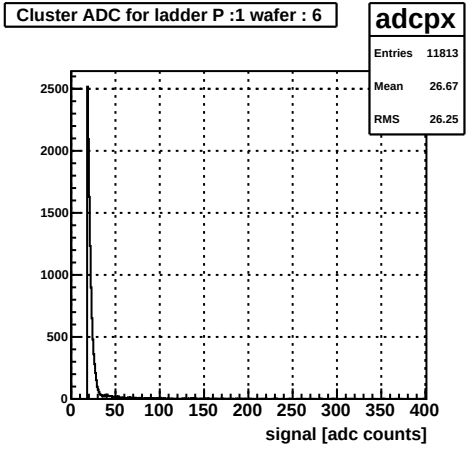

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 18895
Mean 25.73
RMS 25.16
signal [adc counts]

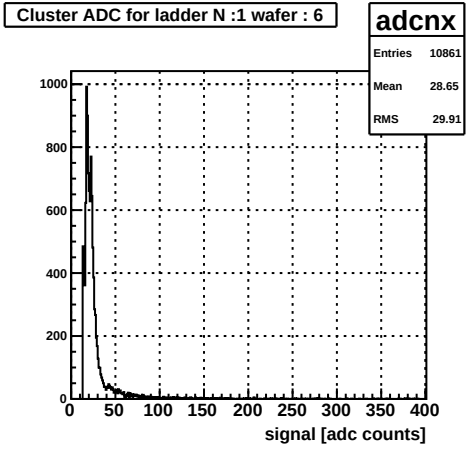

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 7541
Mean 31.91
RMS 28.31
signal [adc counts]

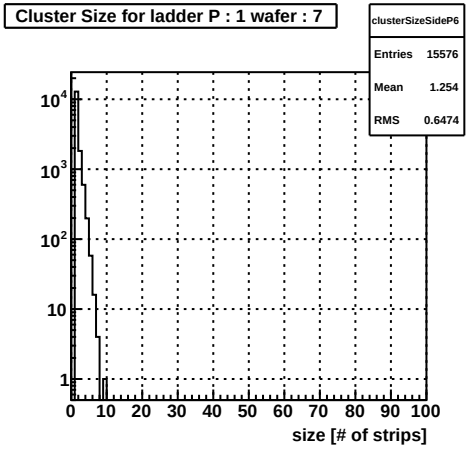

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 11813
Mean 1.061
RMS 0.3152
size [# of strips]

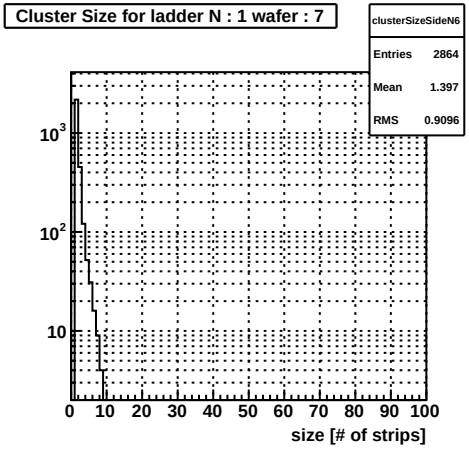

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 10861
Mean 1.153
RMS 0.5546
size [# of strips]

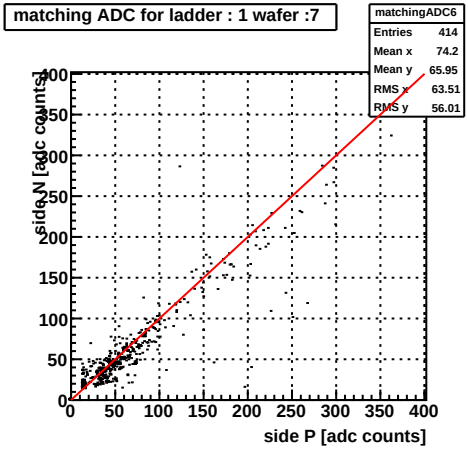

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1360
Mean x 47.79
Mean y 47.34
RMS x 55.2
RMS y 50.77
side N [adc counts]
side P [adc counts]

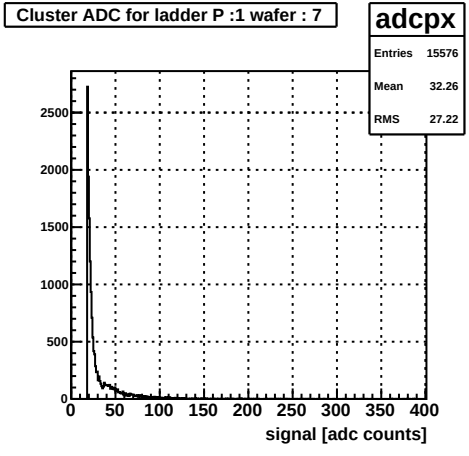

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 11813
Mean 26.67
RMS 26.25
signal [adc counts]

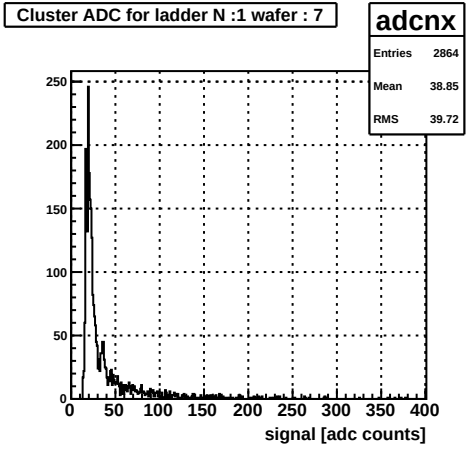

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 10861
Mean 28.65
RMS 29.91
signal [adc counts]

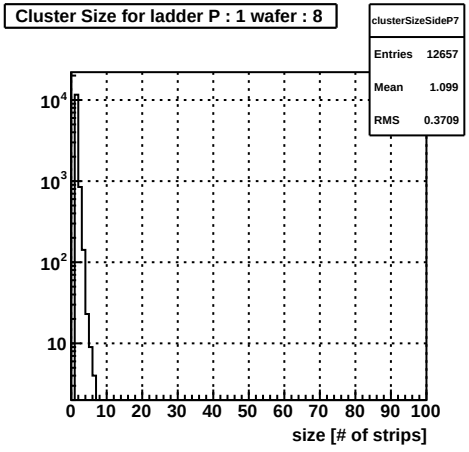

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 15576
Mean 1.254
RMS 0.6474
size [# of strips]

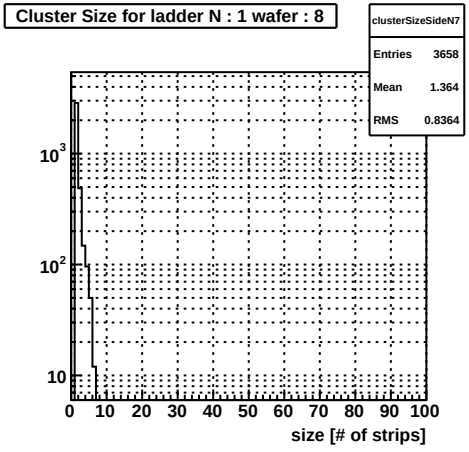

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2864
Mean 1.397
RMS 0.9096
size [# of strips]

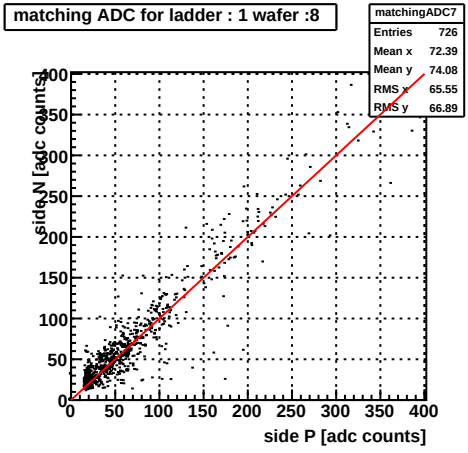

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 414
Mean x 74.2
Mean y 65.95
RMS x 63.51
RMS y 56.01
side N [adc counts]
side P [adc counts]

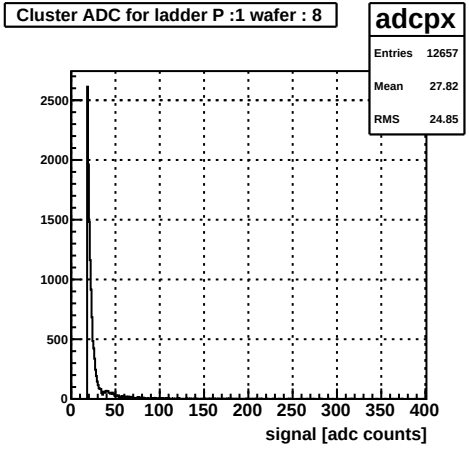

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 15576
Mean 32.26
RMS 27.22
signal [adc counts]

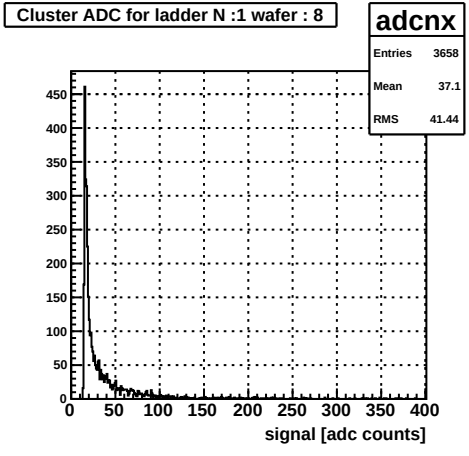

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2864
Mean 38.85
RMS 39.72
signal [adc counts]

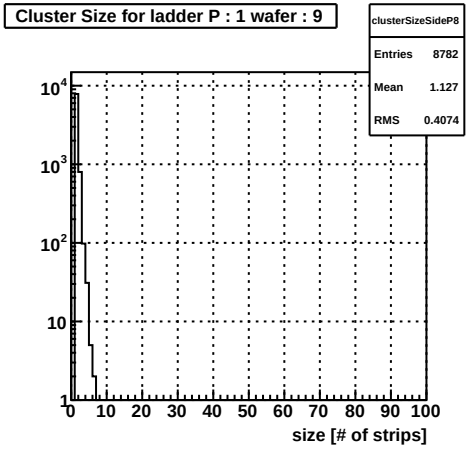

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 12657
Mean 1.099
RMS 0.3709
size [# of strips]

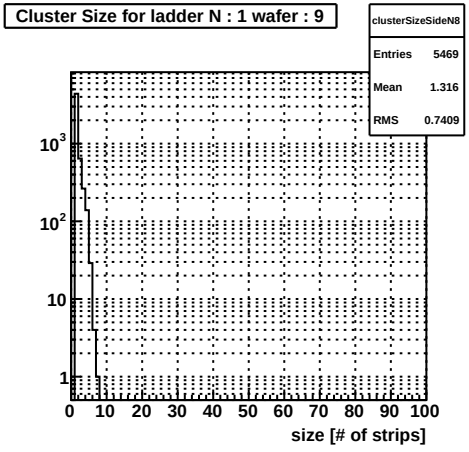

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3658
Mean 1.364
RMS 0.8364
size [# of strips]

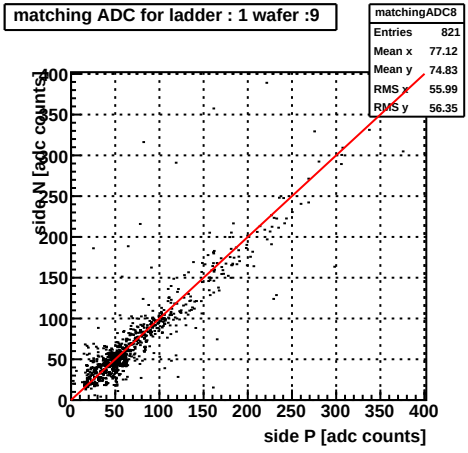

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 726
Mean x 72.39
Mean y 74.08
RMS x 65.55
RMS y 66.89
side N [adc counts]
side P [adc counts]

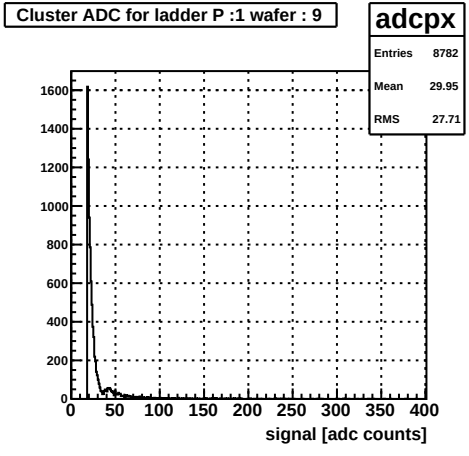

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 12657
Mean 27.82
RMS 24.85
signal [adc counts]

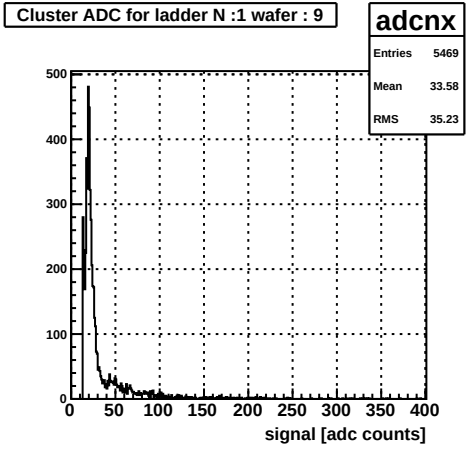

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3658
Mean 37.1
RMS 41.44
signal [adc counts]

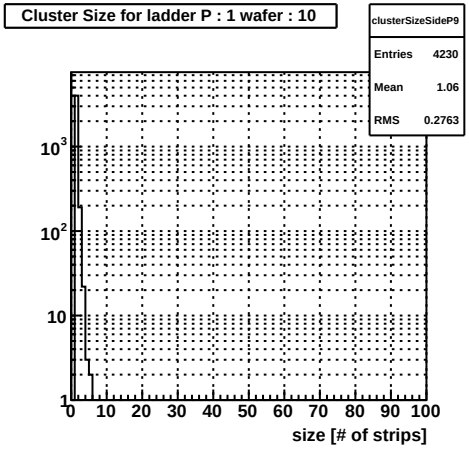

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 8782
Mean 1.127
RMS 0.4074
size [# of strips]

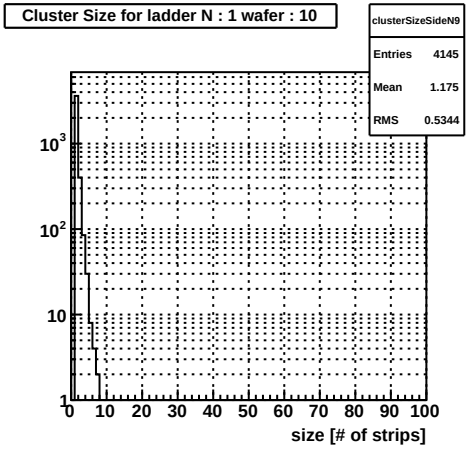

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 5469
Mean 1.316
RMS 0.7409
size [# of strips]

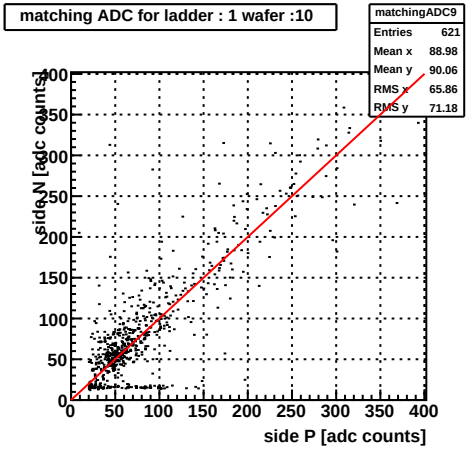

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 821
Mean x 77.12
Mean y 74.83
RMS x 55.99
RMS y 56.35
side N [adc counts]
side P [adc counts]

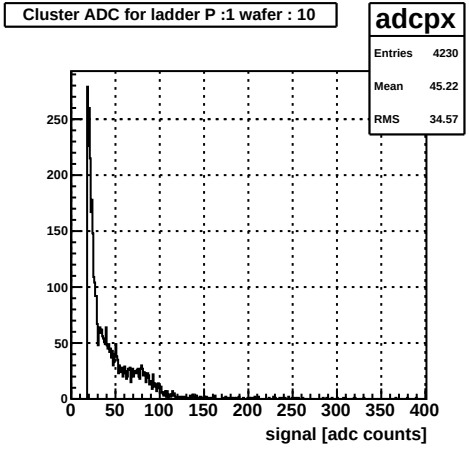

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 8782
Mean 29.95
RMS 27.71
signal [adc counts]

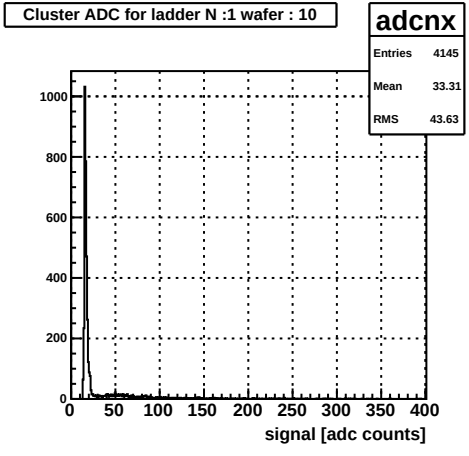

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 5469
Mean 33.58
RMS 35.23
signal [adc counts]

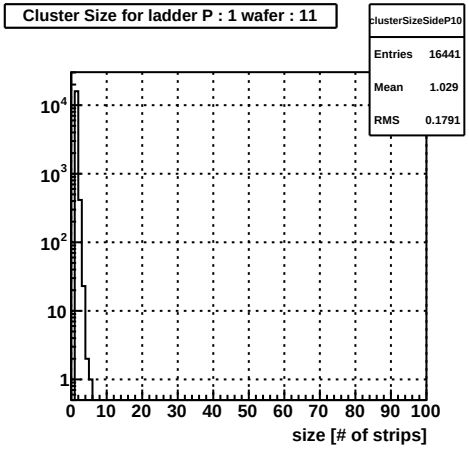

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4230
Mean 1.06
RMS 0.2763
size [# of strips]

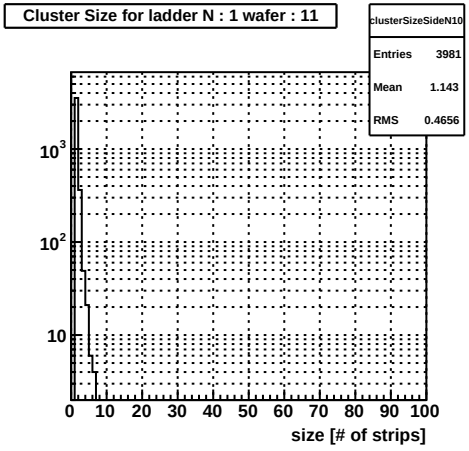

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 4145
Mean 1.175
RMS 0.5344
size [# of strips]

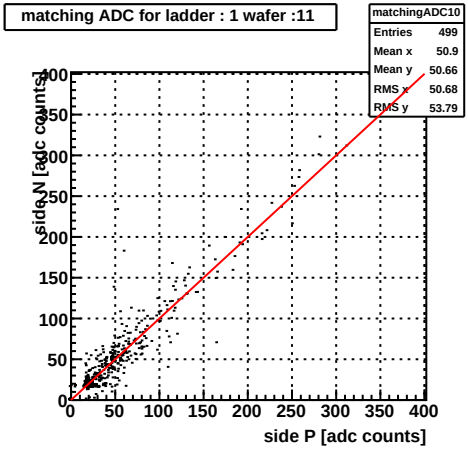

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 621
Mean x 88.98
Mean y 90.06
RMS x 65.86
RMS y 71.18
side N [adc counts]
side P [adc counts]

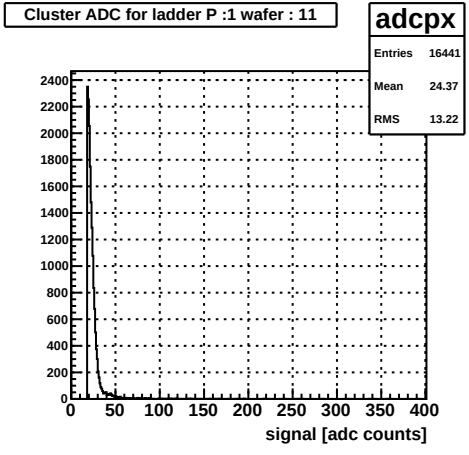

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4230
Mean 45.22
RMS 34.57
signal [adc counts]

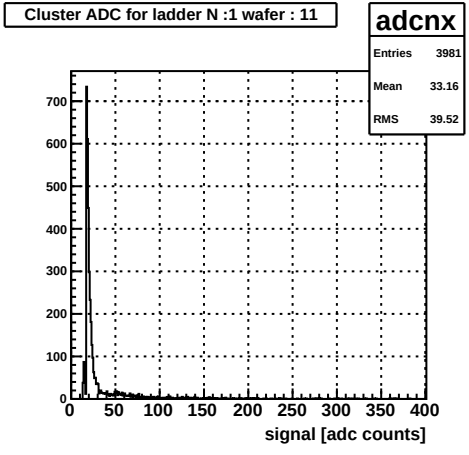

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 4145
Mean 33.31
RMS 43.63
signal [adc counts]

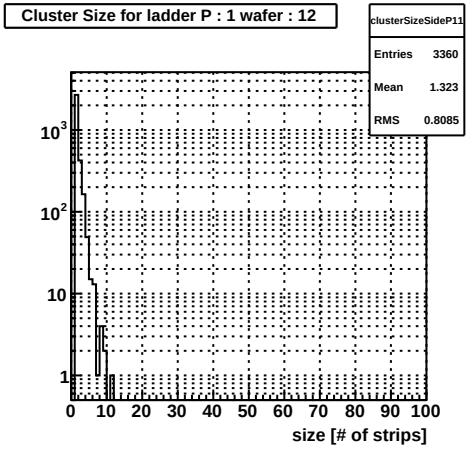

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 16441
Mean 1.029
RMS 0.1791
size [# of strips]

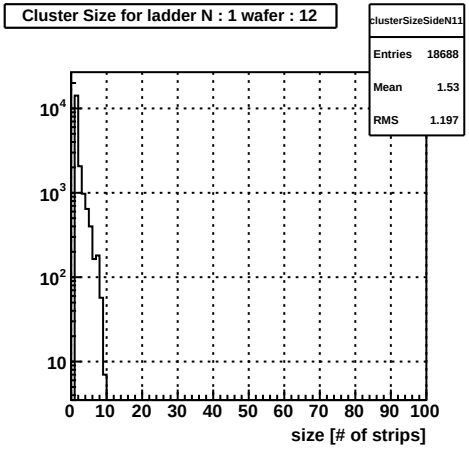

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 3981
Mean 1.143
RMS 0.4656
size [# of strips]

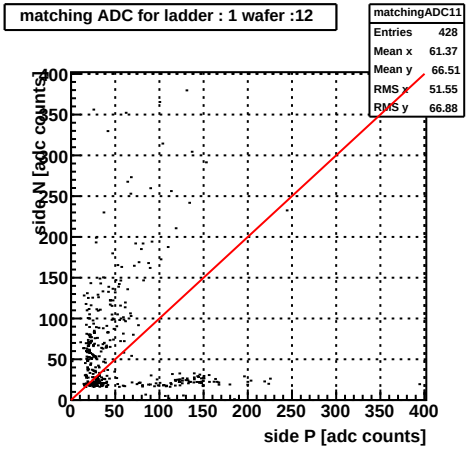

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 499
Mean x 50.9
Mean y 50.66
RMS x 50.68
RMS y 53.79
side N [adc counts]
side P [adc counts]

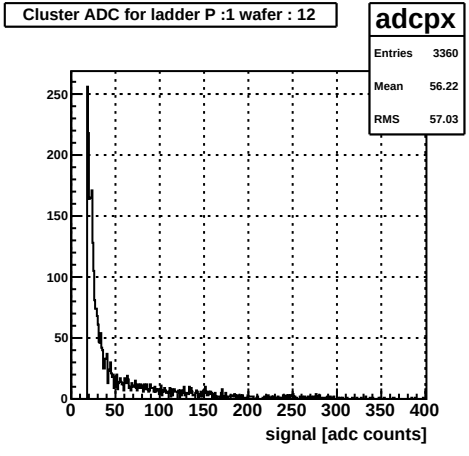

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 16441
Mean 24.37
RMS 13.22
signal [adc counts]

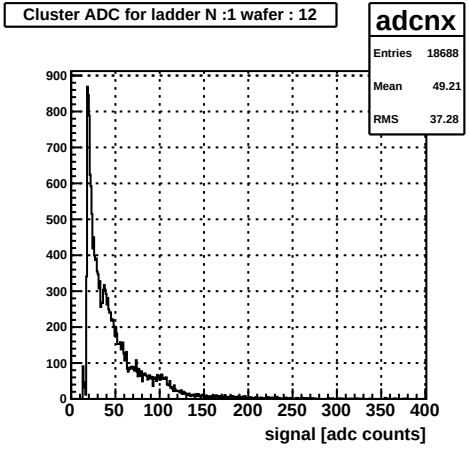

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 3981
Mean 33.16
RMS 39.52
signal [adc counts]

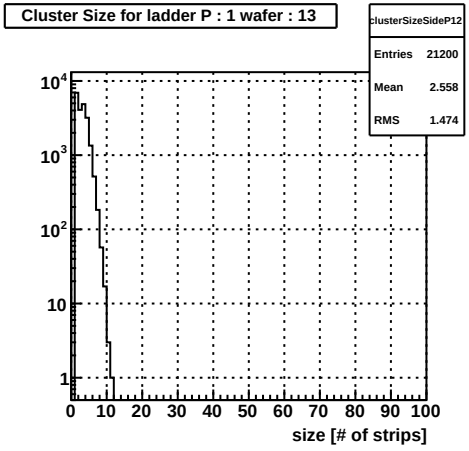

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 3360
Mean 1.323
RMS 0.8085
size [# of strips]

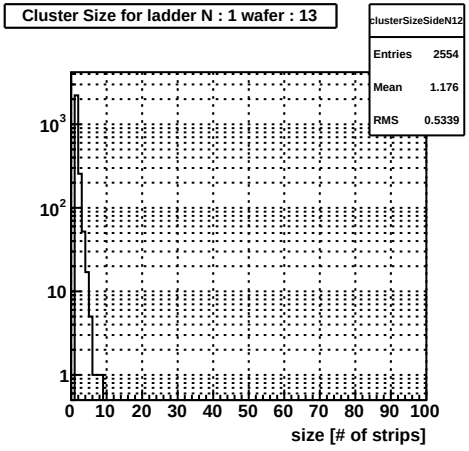

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 18688
Mean 1.53
RMS 1.197
size [# of strips]

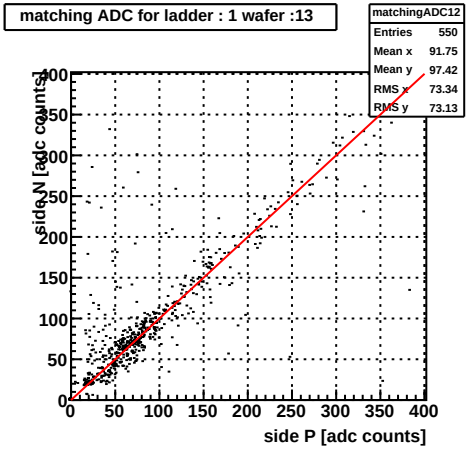

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 428
Mean x 61.37
Mean y 66.51
RMS x 51.55
RMS y 66.88
side N [adc counts]
side P [adc counts]

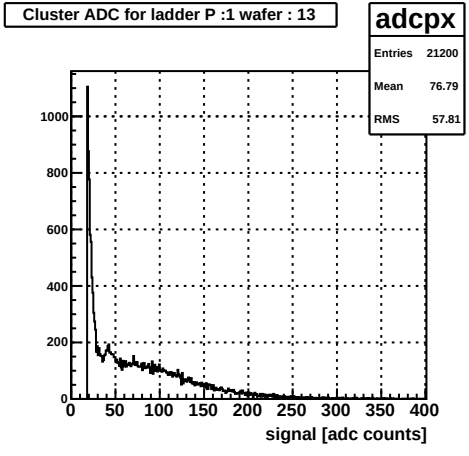

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 3360
Mean 56.22
RMS 57.03
signal [adc counts]

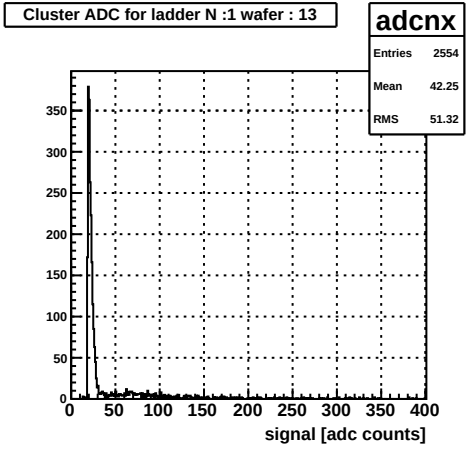

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 18688
Mean 49.21
RMS 37.28
signal [adc counts]

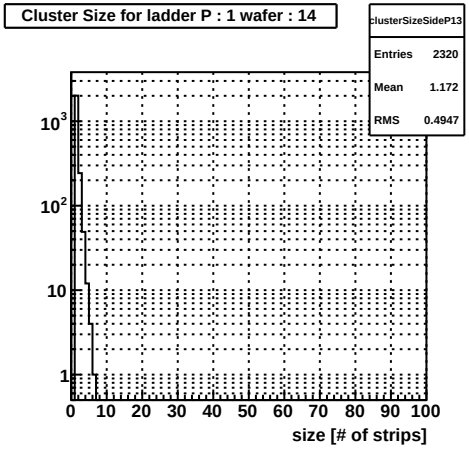

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 21200
Mean 2.558
RMS 1.474
size [# of strips]

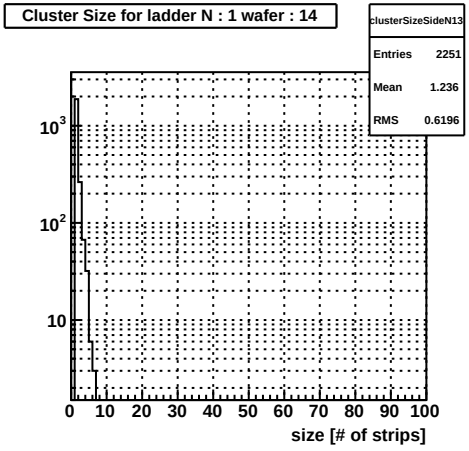

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 2554
Mean 1.176
RMS 0.5339
size [# of strips]

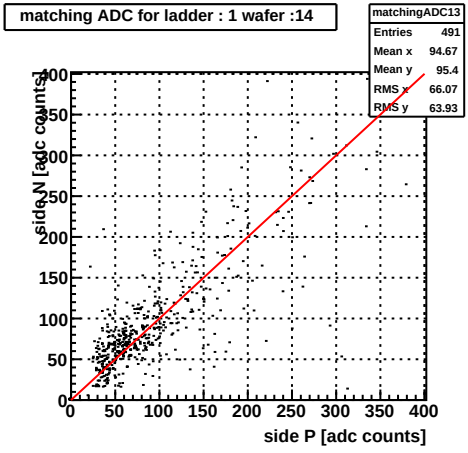

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 550
Mean x 91.75
Mean y 97.42
RMS x 73.34
RMS y 73.13
side N [adc counts]
side P [adc counts]

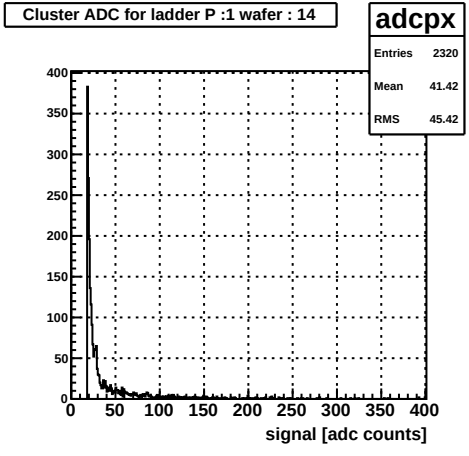

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 21200
Mean 76.79
RMS 57.81
signal [adc counts]

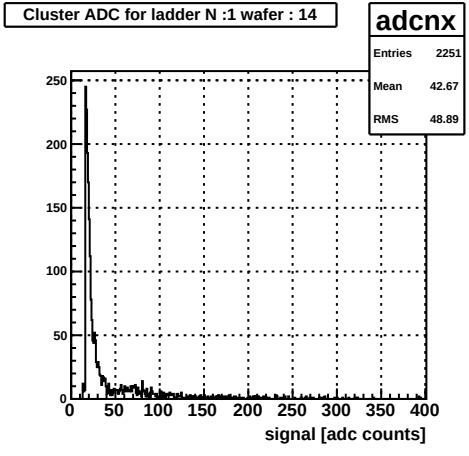

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 2554
Mean 42.25
RMS 51.32
signal [adc counts]

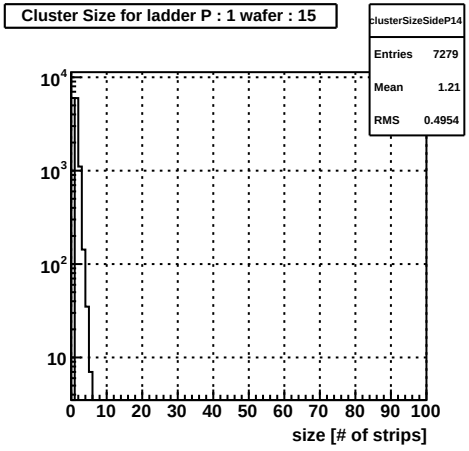

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2320
Mean 1.172
RMS 0.4947
size [# of strips]

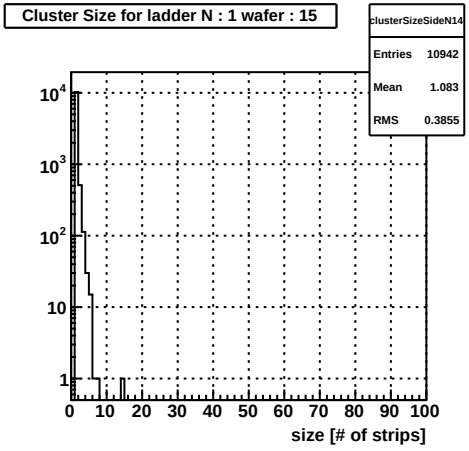

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2251
Mean 1.236
RMS 0.6196
size [# of strips]

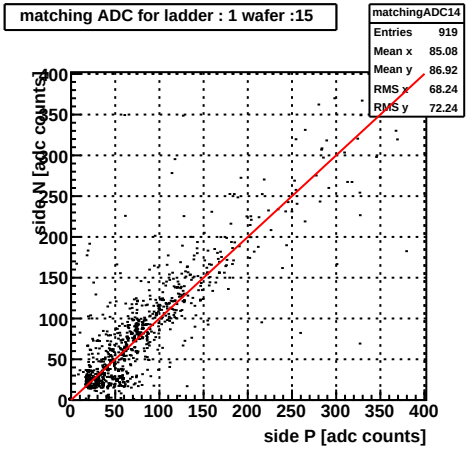

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 491
Mean x 94.67
Mean y 95.4
RMS x 66.07
RMS y 63.93
side N [adc counts]
side P [adc counts]

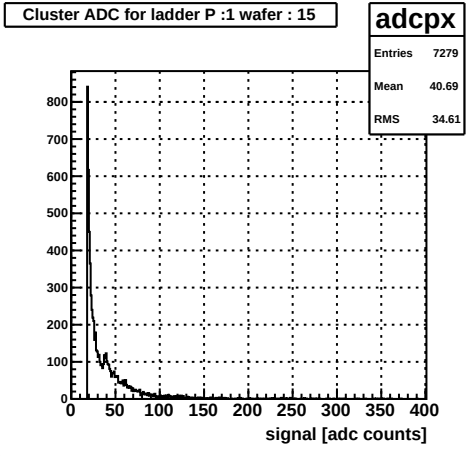

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2320
Mean 41.42
RMS 45.42
signal [adc counts]

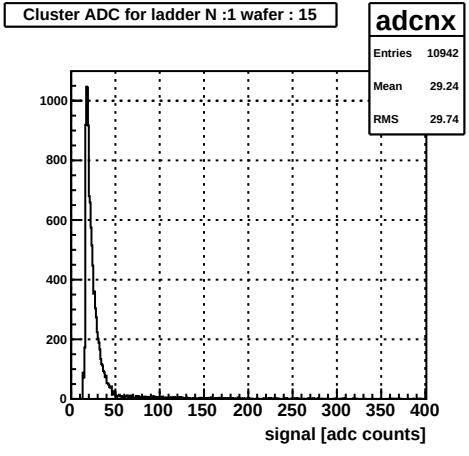

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2251
Mean 42.67
RMS 48.89
signal [adc counts]

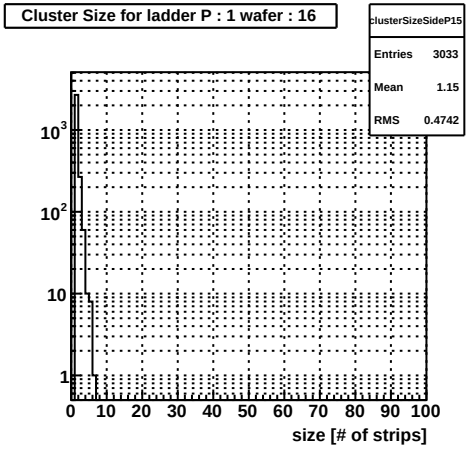

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7279
Mean 1.21
RMS 0.4954
size [# of strips]

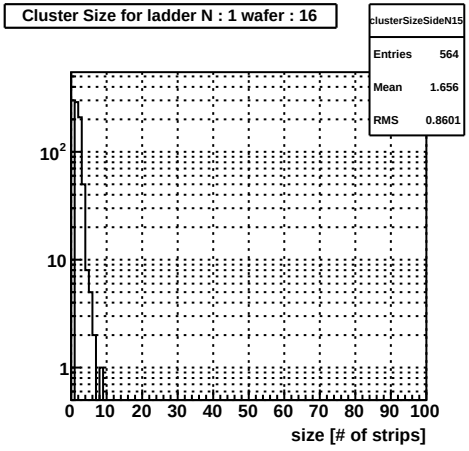

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 10942
Mean 1.083
RMS 0.3855
size [# of strips]

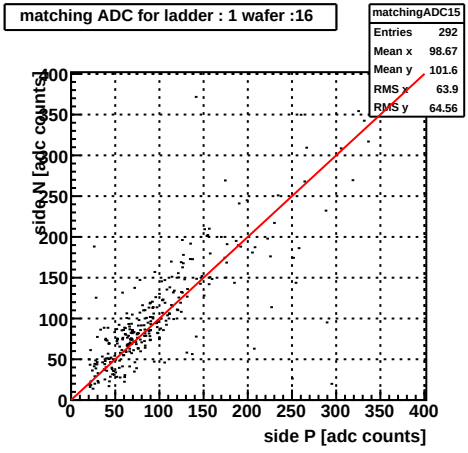

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 919
Mean x 85.08
Mean y 86.92
RMS x 68.24
RMS y 72.24
side N [adc counts]
side P [adc counts]

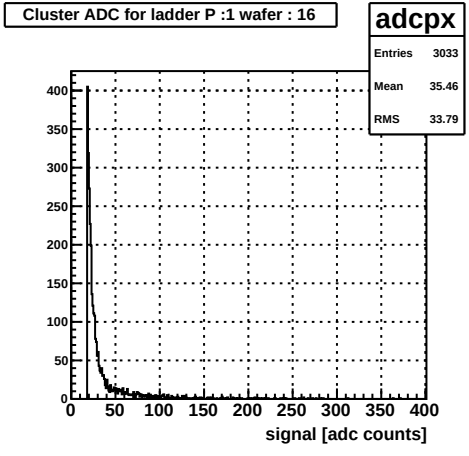

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7279
Mean 40.69
RMS 34.61
signal [adc counts]

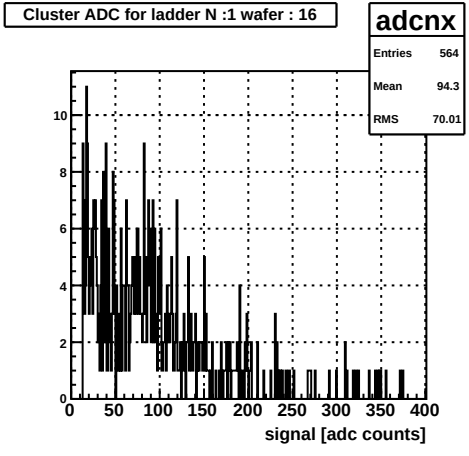

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 10942
Mean 29.24
RMS 29.74
signal [adc counts]

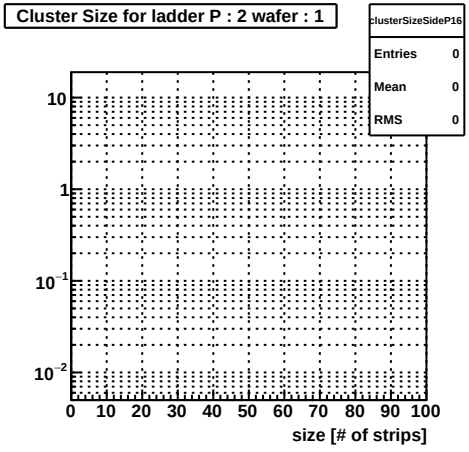

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 3033
Mean 1.15
RMS 0.4742
size [# of strips]

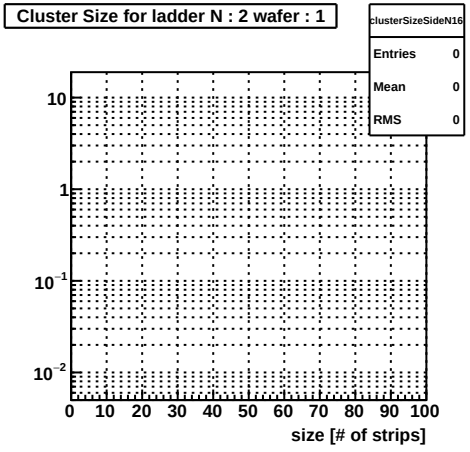

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 564
Mean 1.656
RMS 0.8601
size [# of strips]

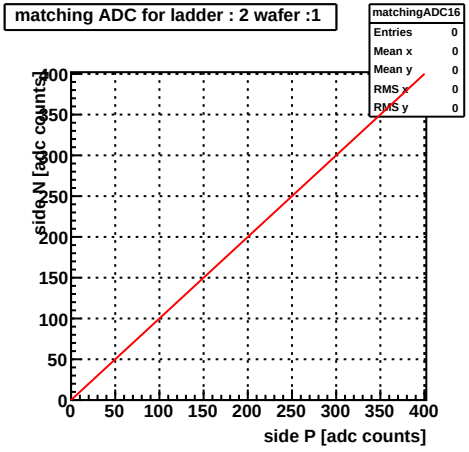

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 292
Mean x 98.67
Mean y 101.6
RMS x 63.9
RMS y 64.56
side N [adc counts]
side P [adc counts]

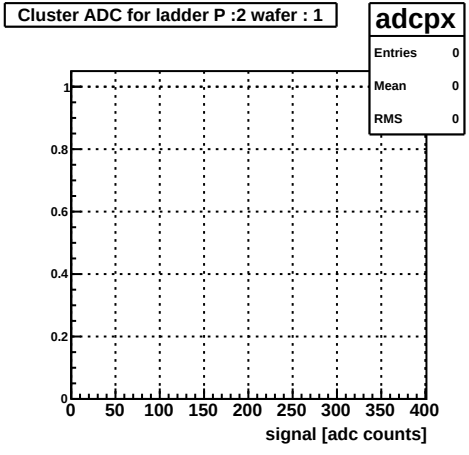

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 3033
Mean 35.46
RMS 33.79
signal [adc counts]

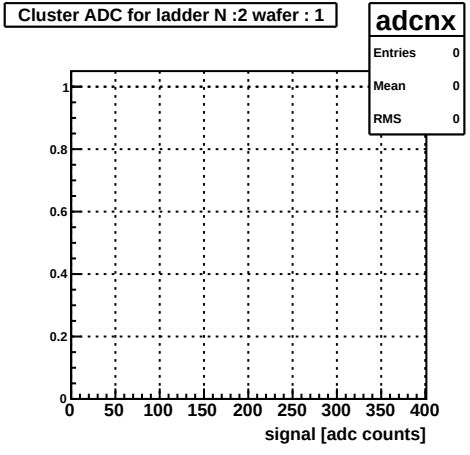

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 564
Mean 94.3
RMS 70.01
signal [adc counts]

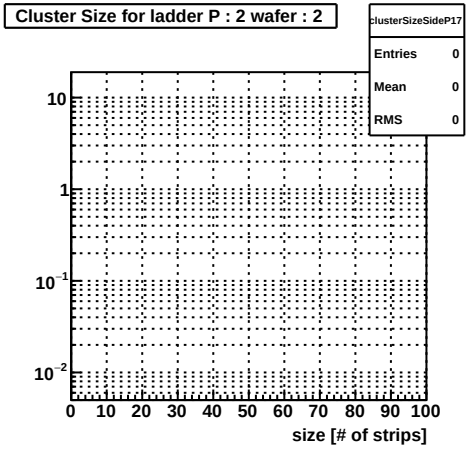

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

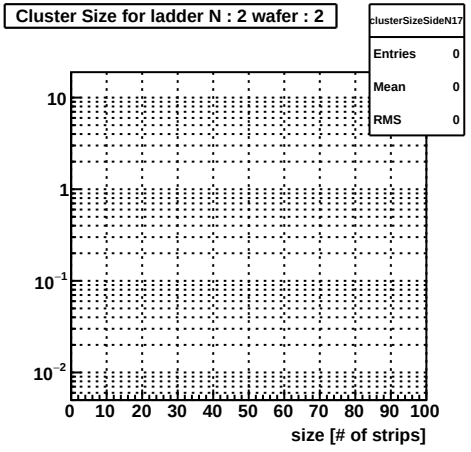

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

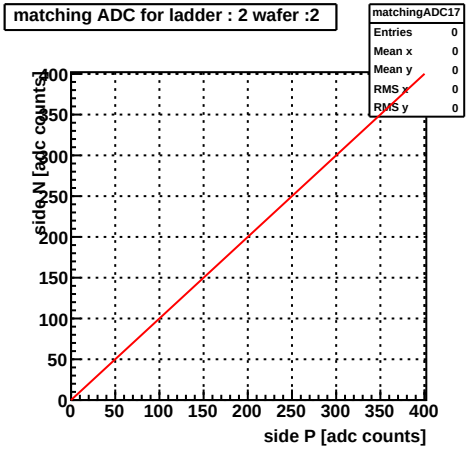

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

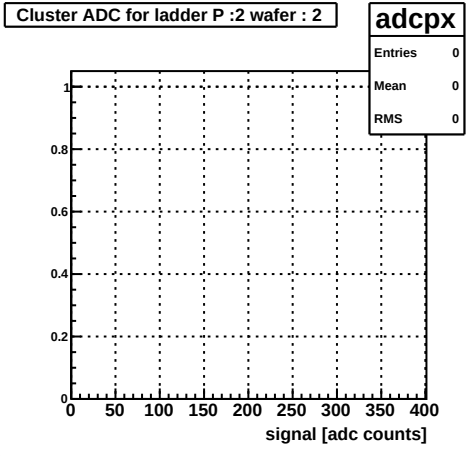

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

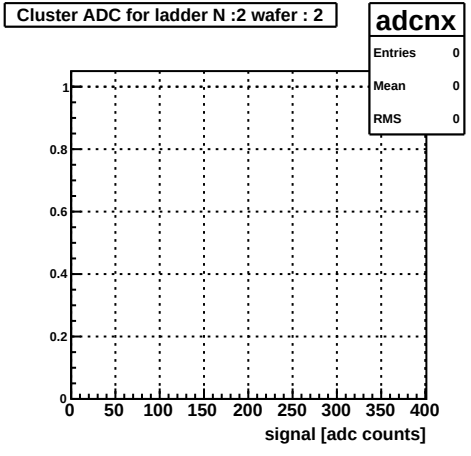

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

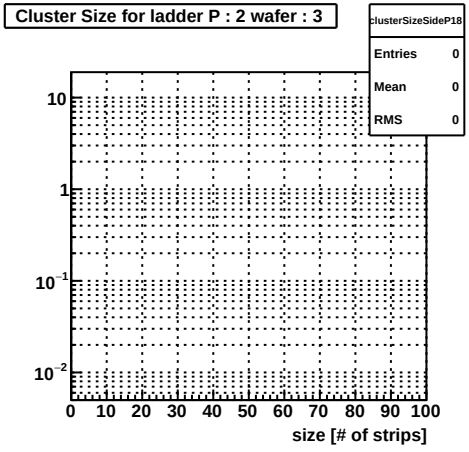

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

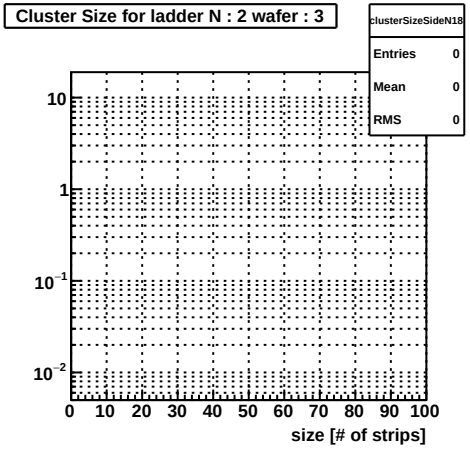

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

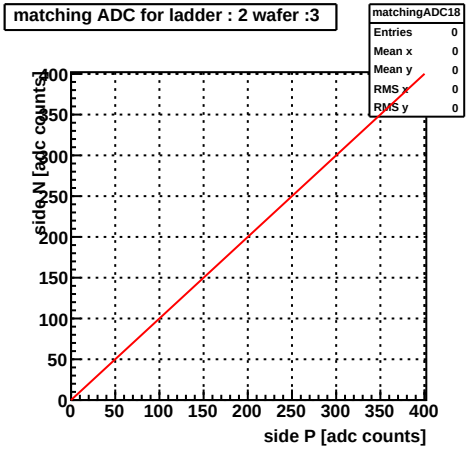

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

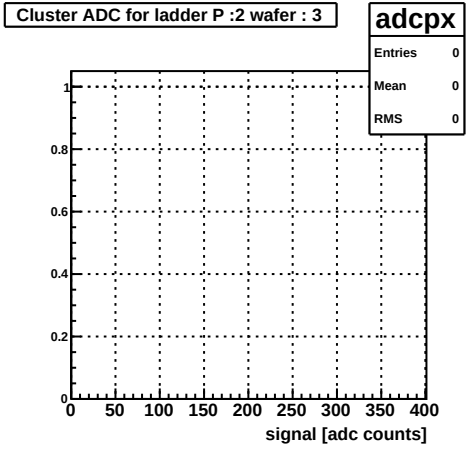

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

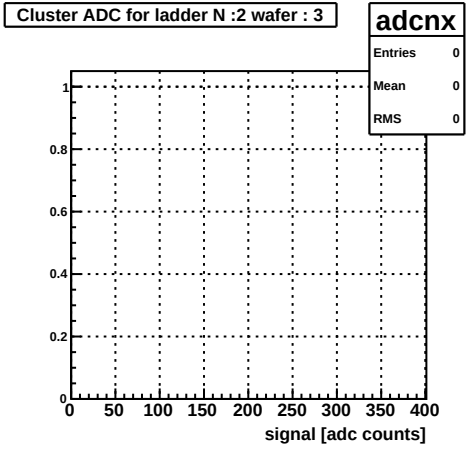

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

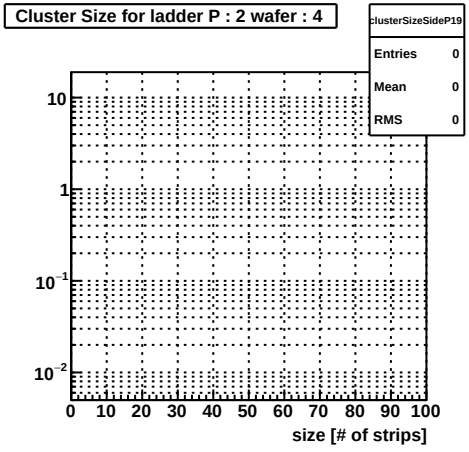

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

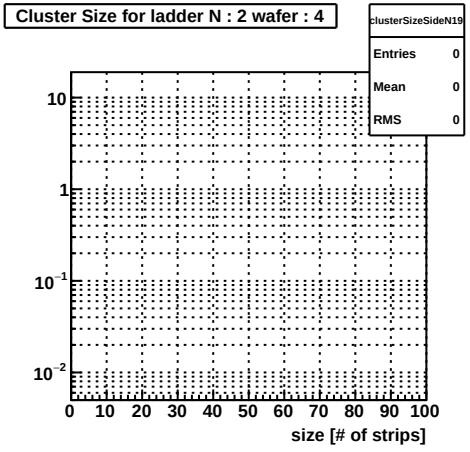

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

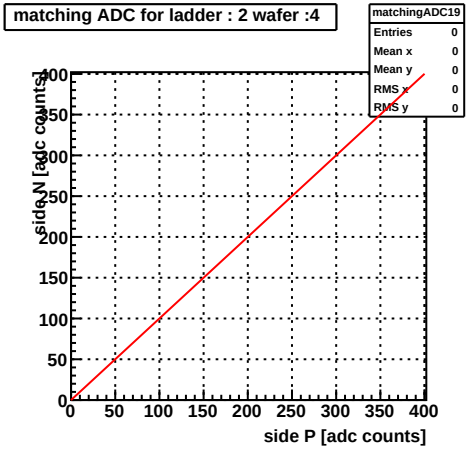

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

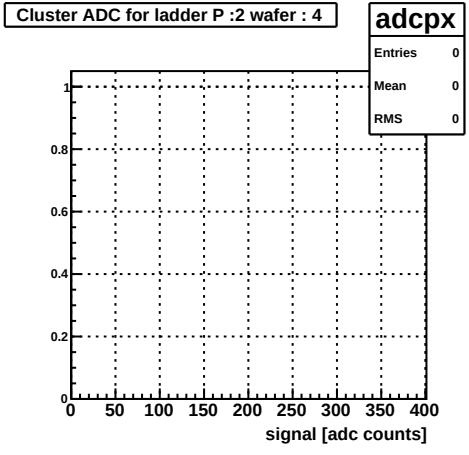

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

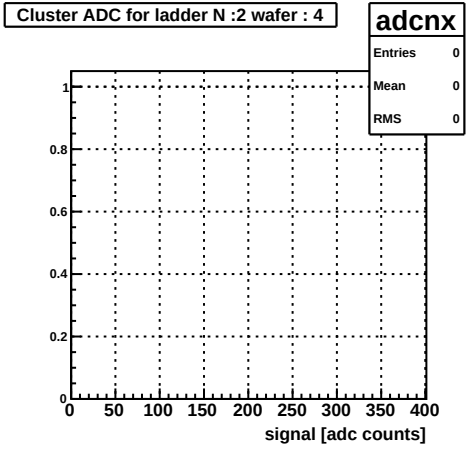

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

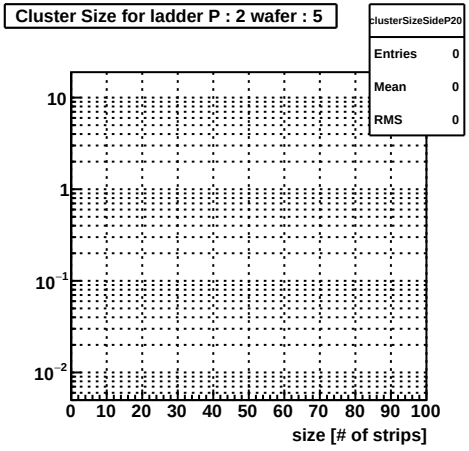

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

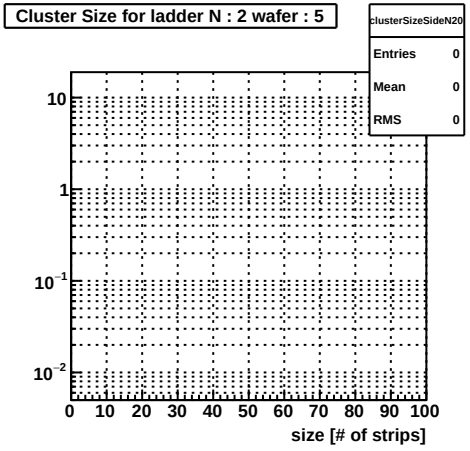

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

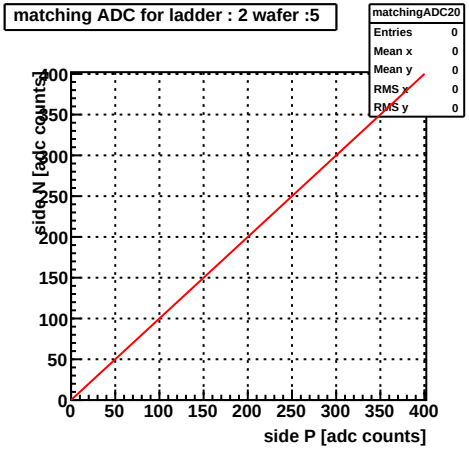

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

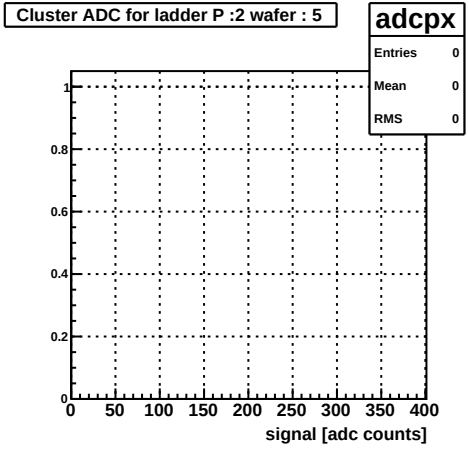

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

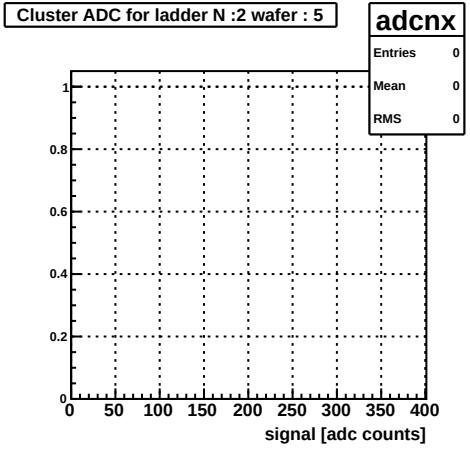

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

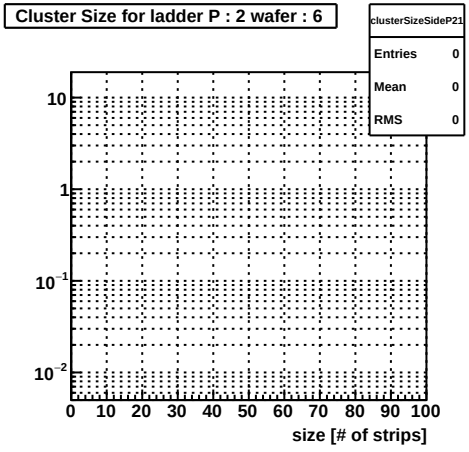

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

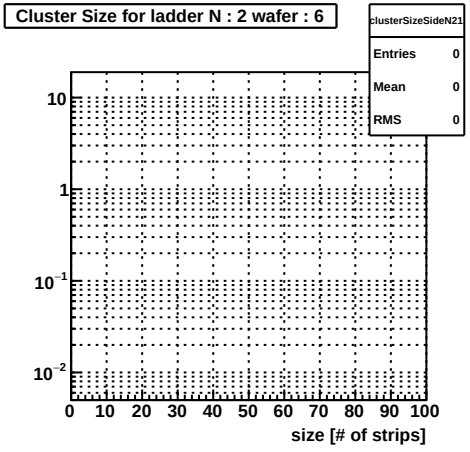

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

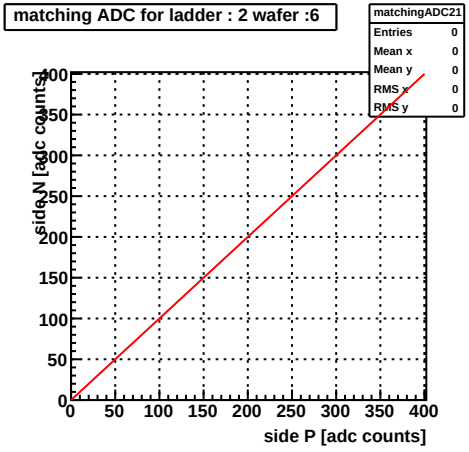

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

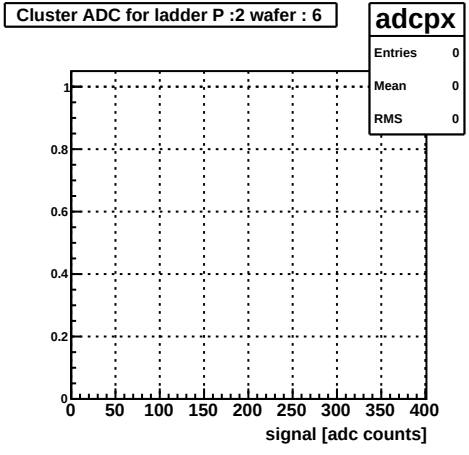

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

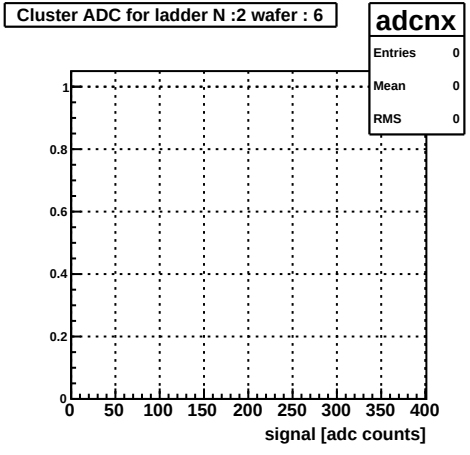

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

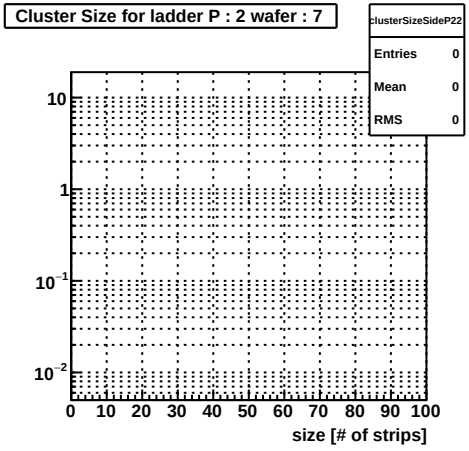

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

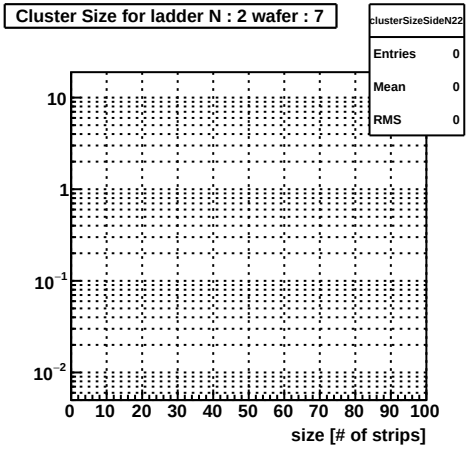

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

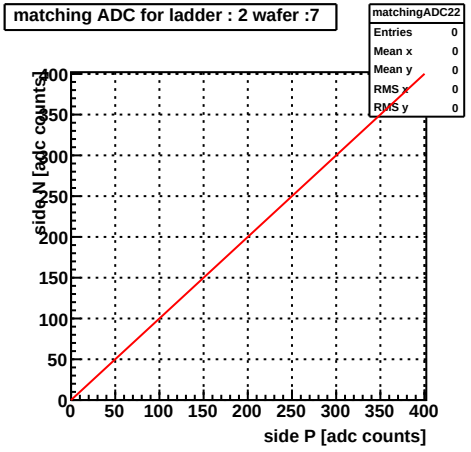

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

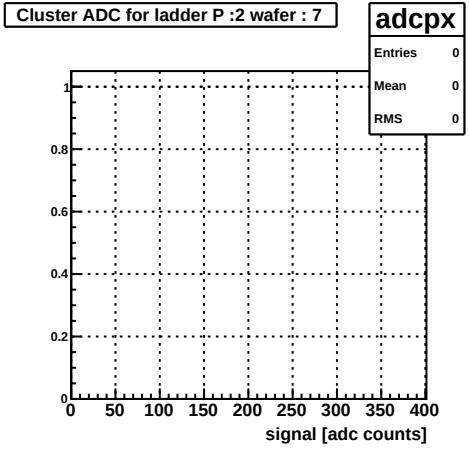

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

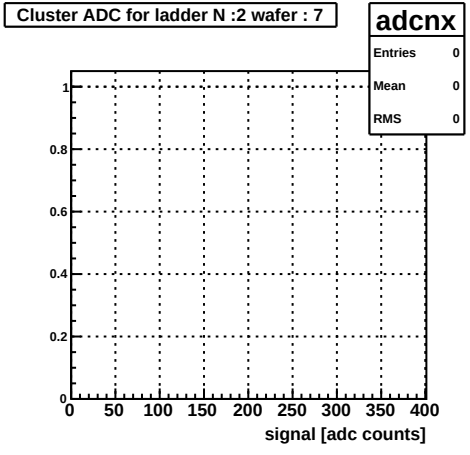

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

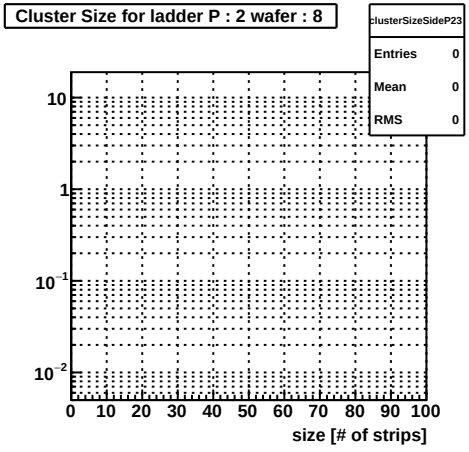

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

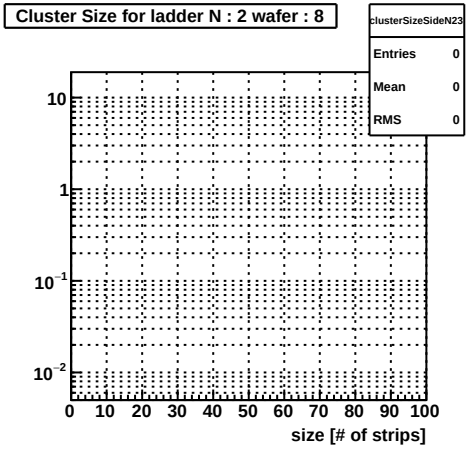

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

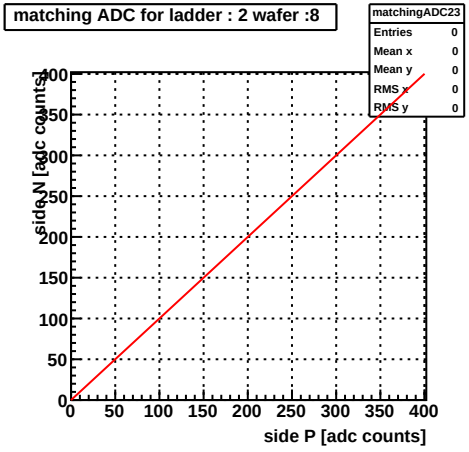

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

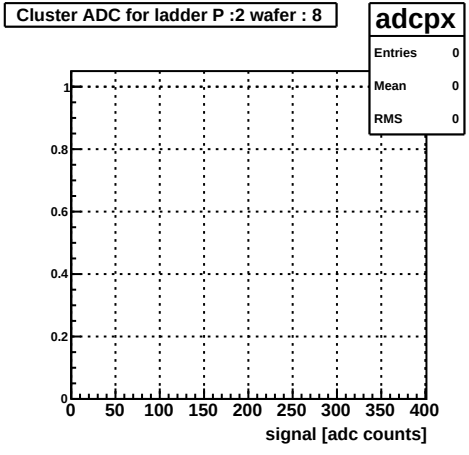

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

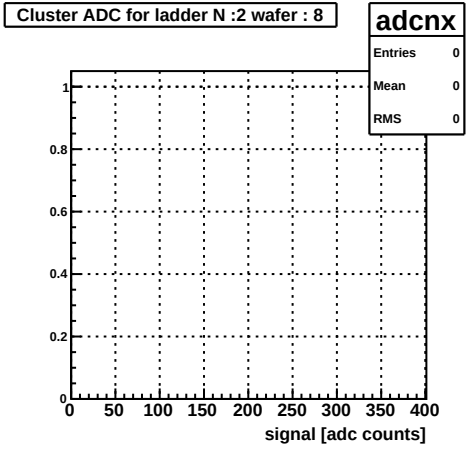

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

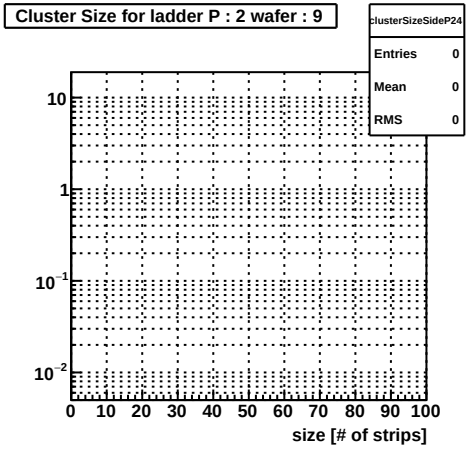

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

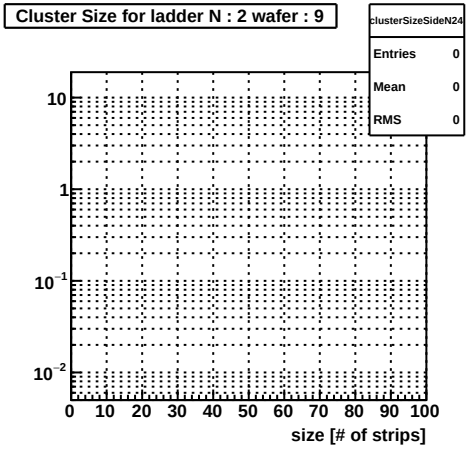

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

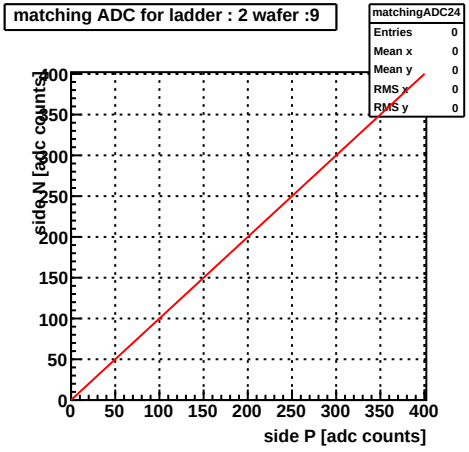

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

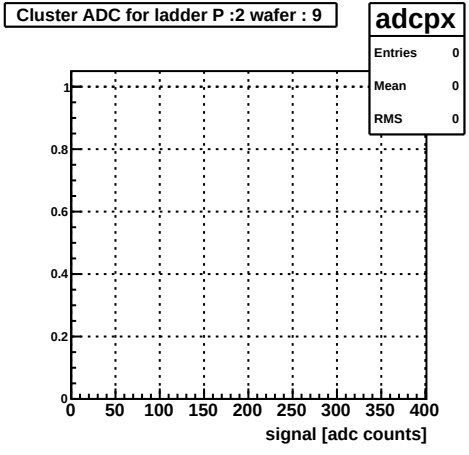

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

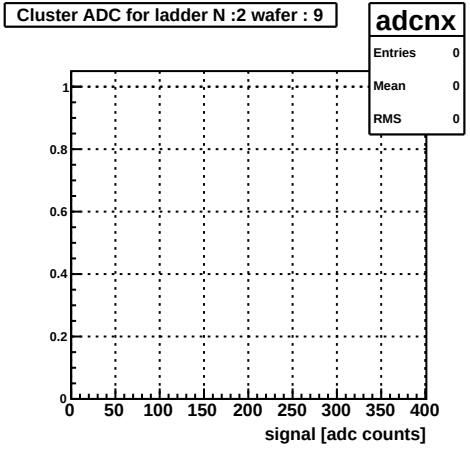

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

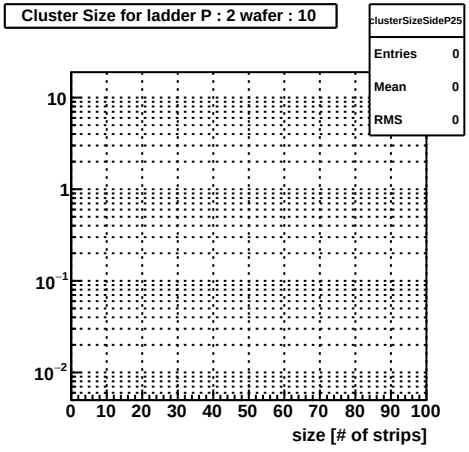

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

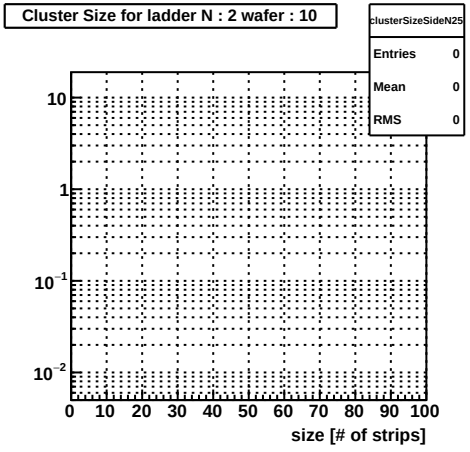

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

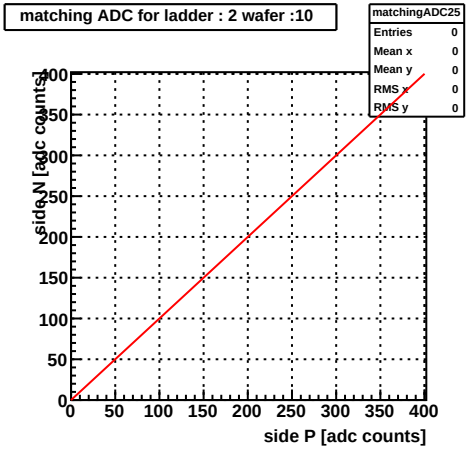

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

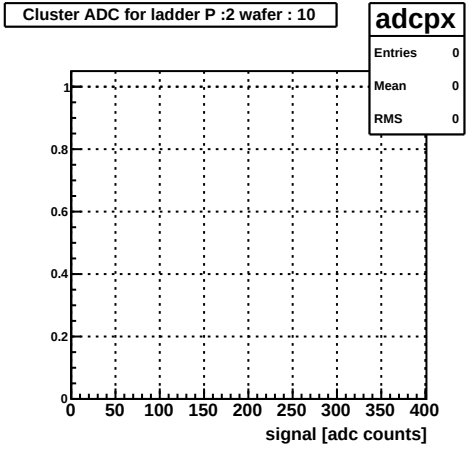

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

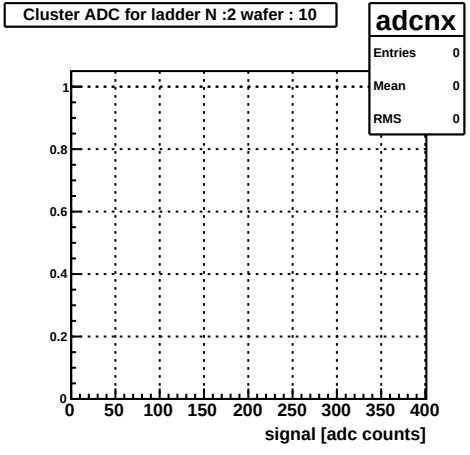

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

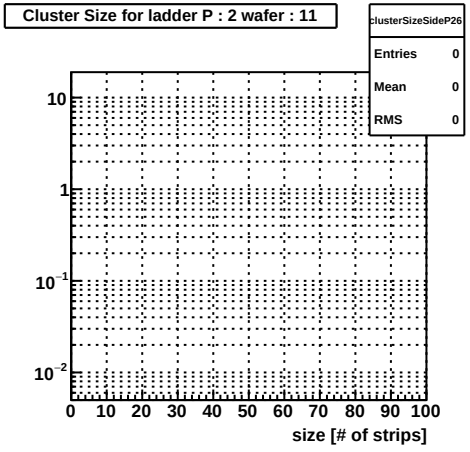

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

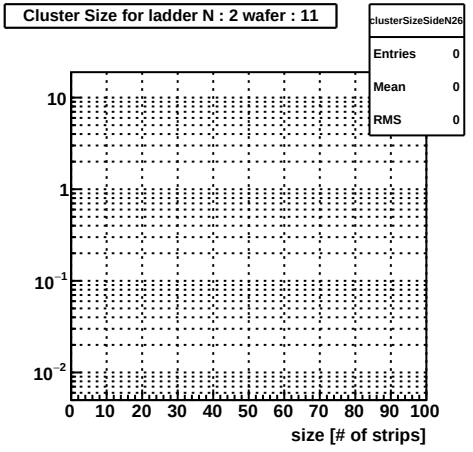

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

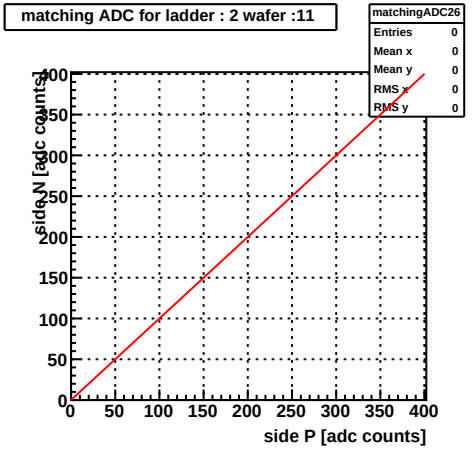

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

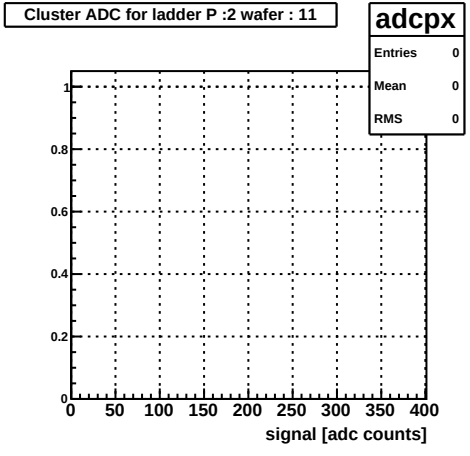

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

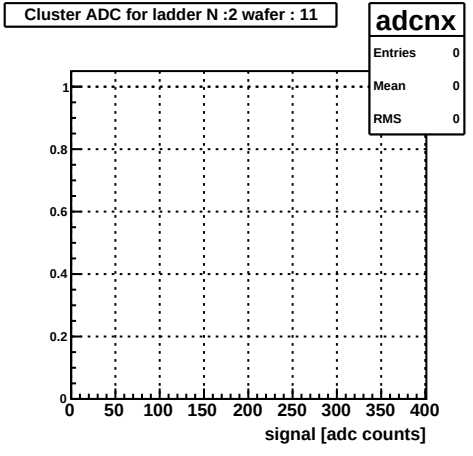

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

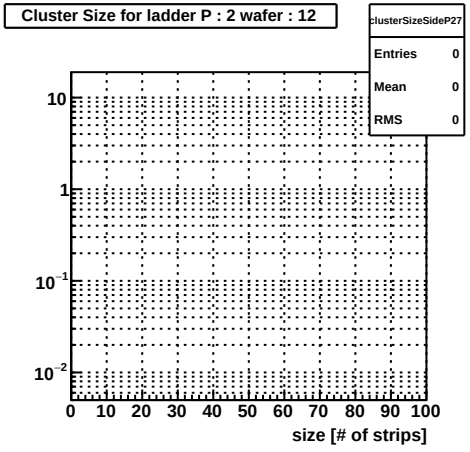

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

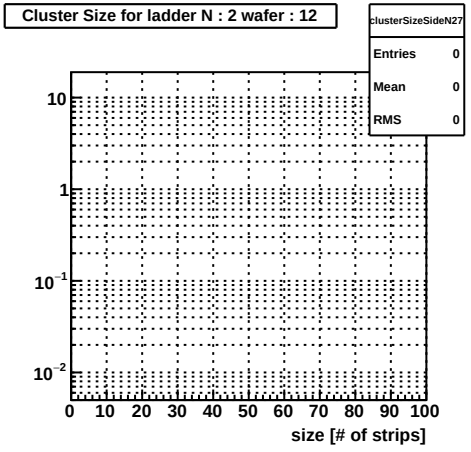

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

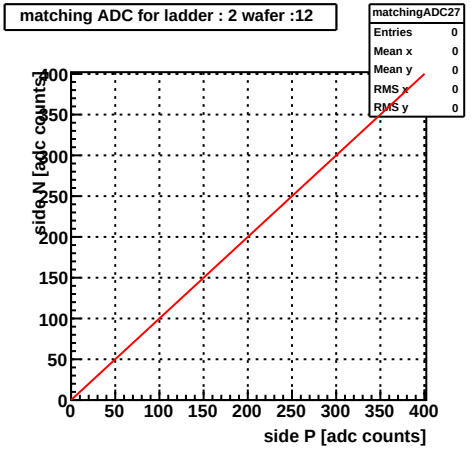

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

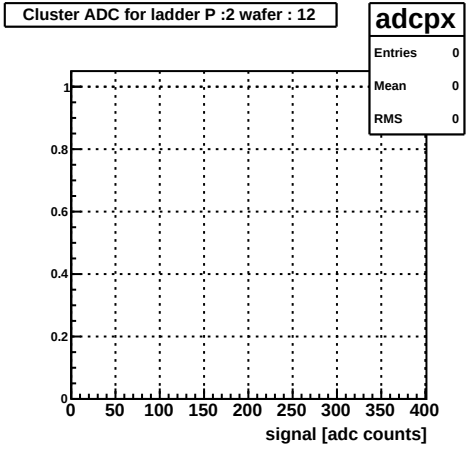

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

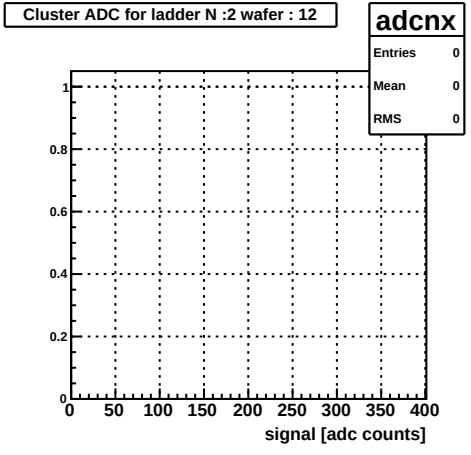

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

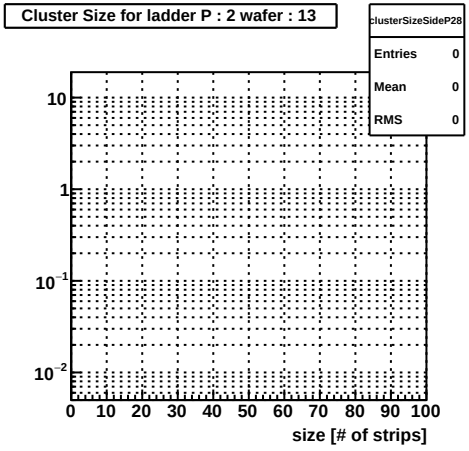

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

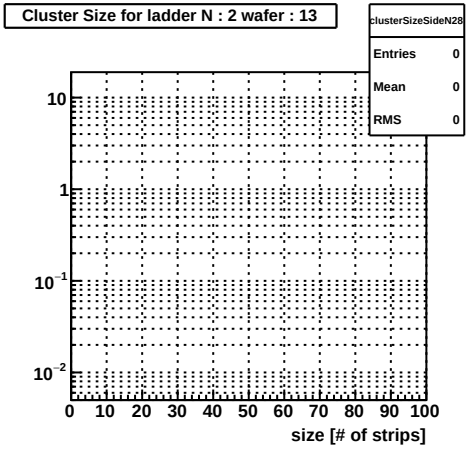

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

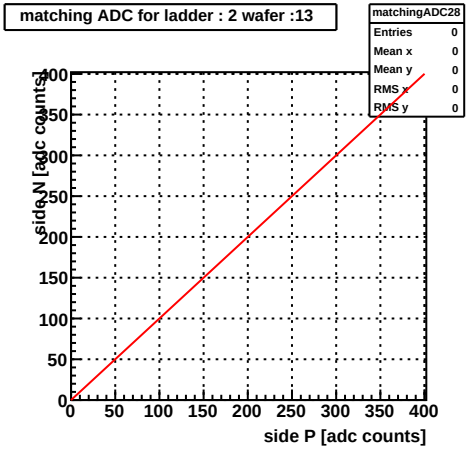

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

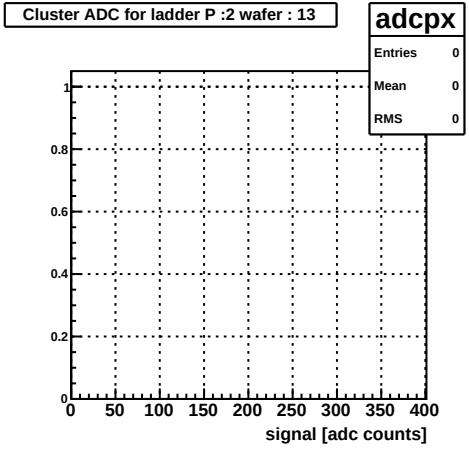

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

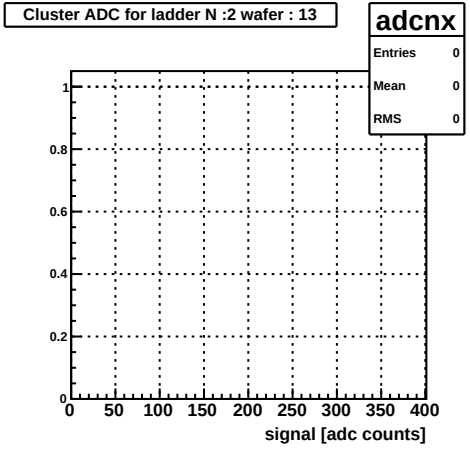

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

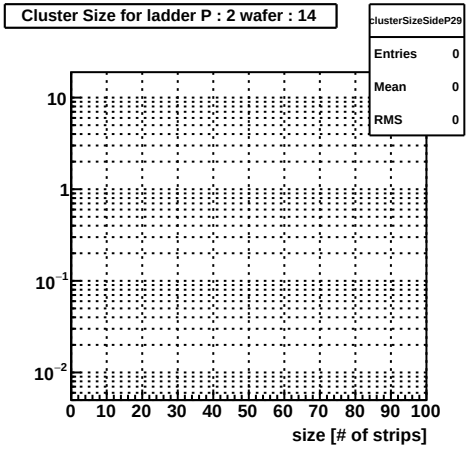

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

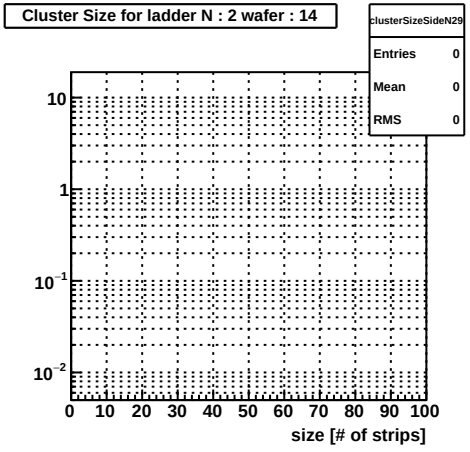

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

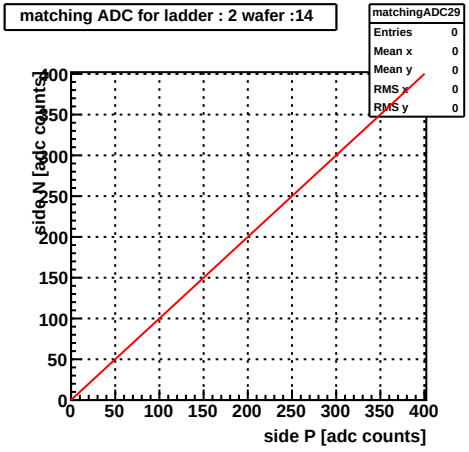

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

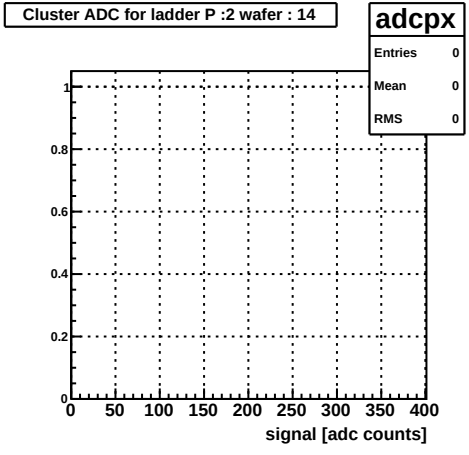

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

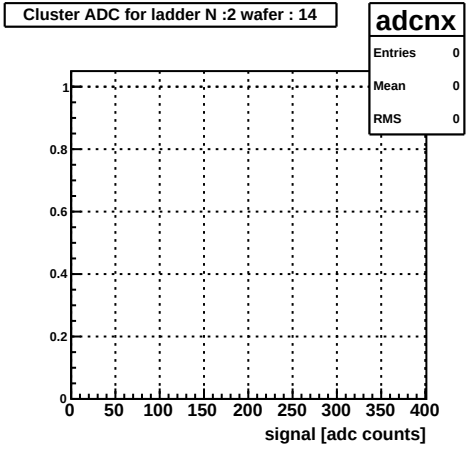

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

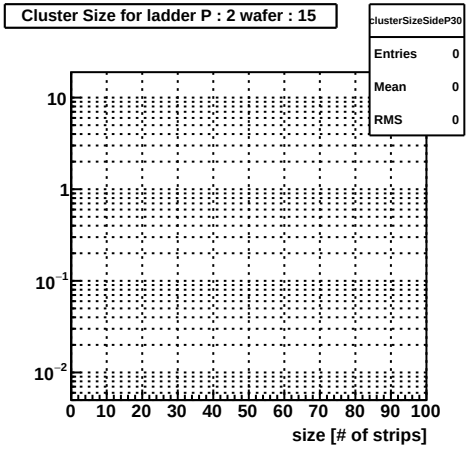

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

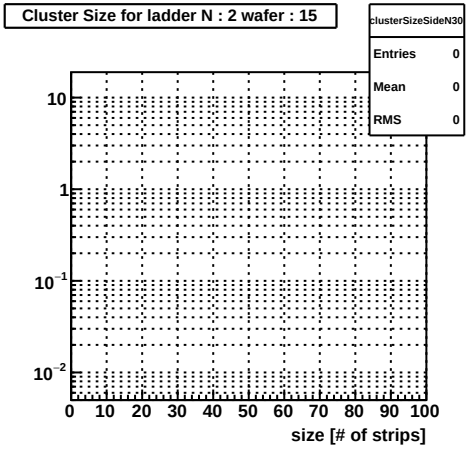

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

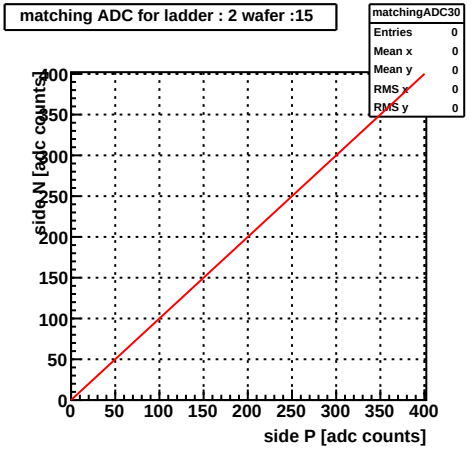

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

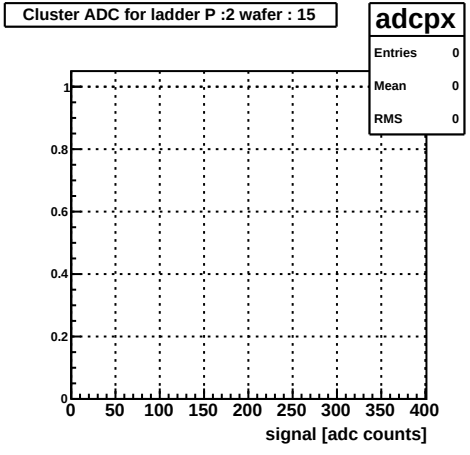

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

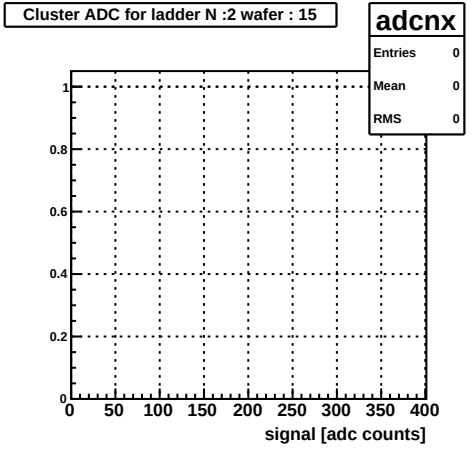

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

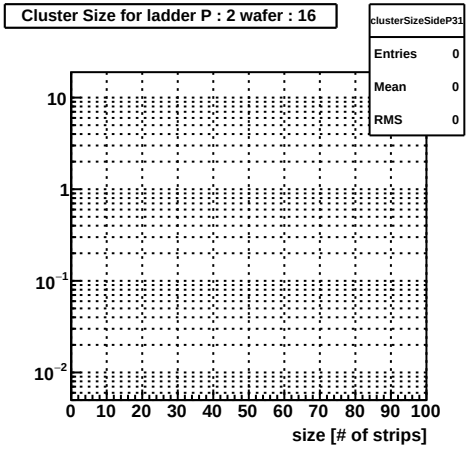

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

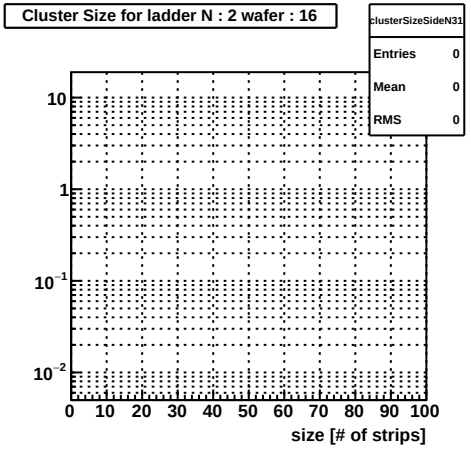

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

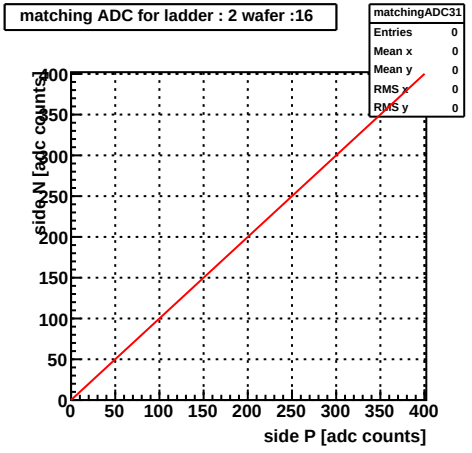

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

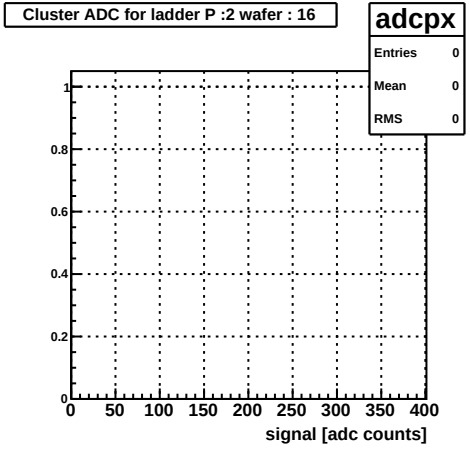

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

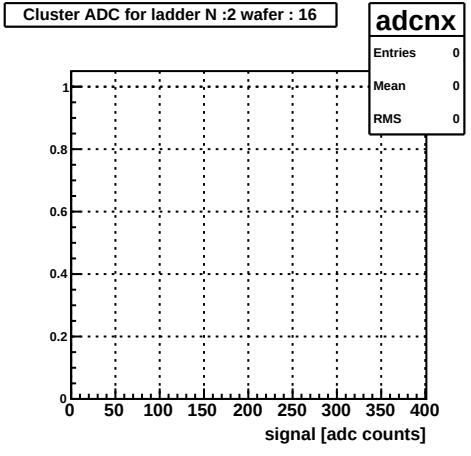

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

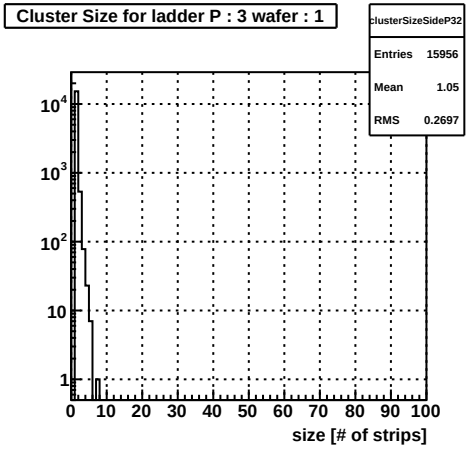

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

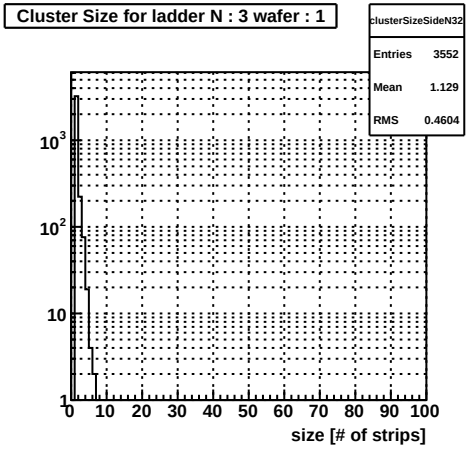

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

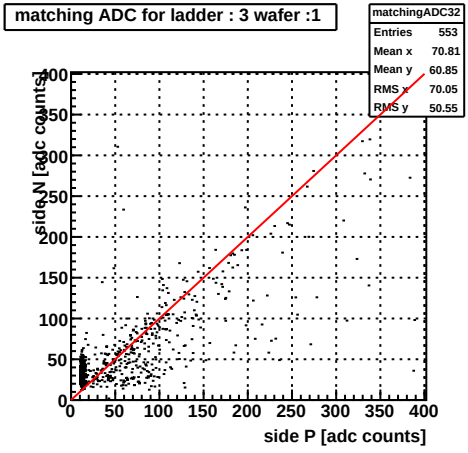

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

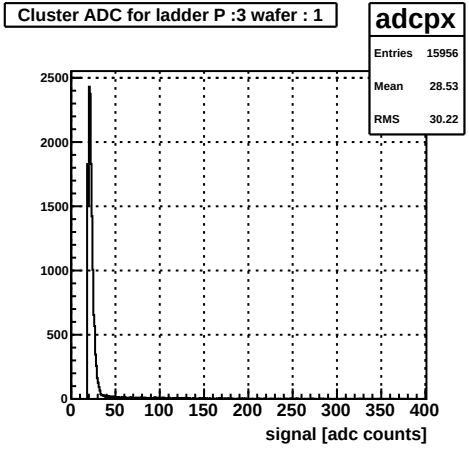

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

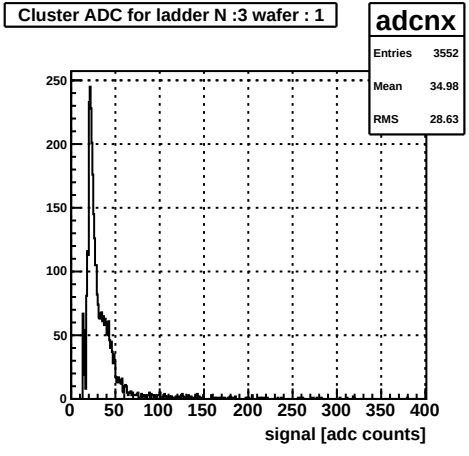

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

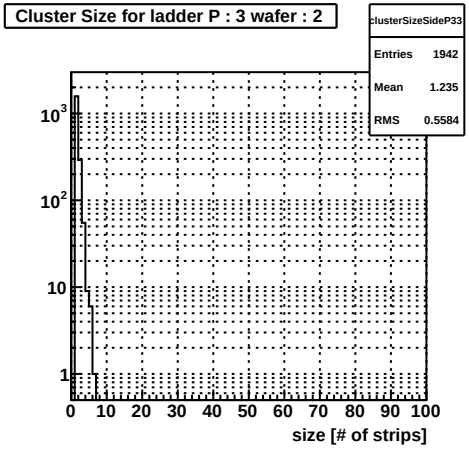

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 15956
Mean 1.05
RMS 0.2697
size [# of strips]

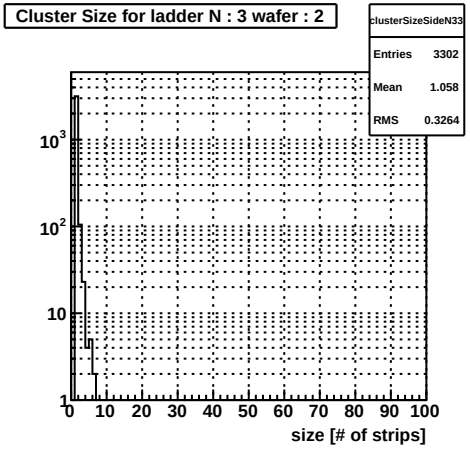

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3552
Mean 1.129
RMS 0.4604
size [# of strips]

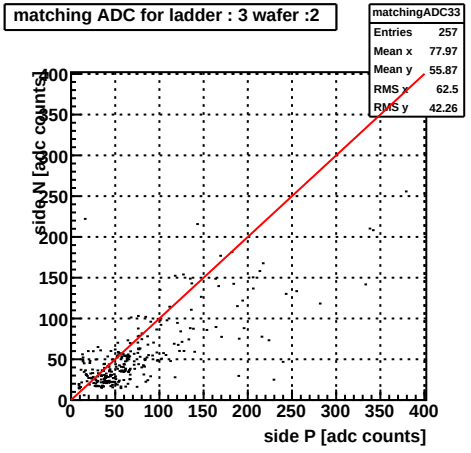

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 553
Mean x 70.81
Mean y 60.85
RMS x 70.05
RMS y 50.55
side N [adc counts]
side P [adc counts]

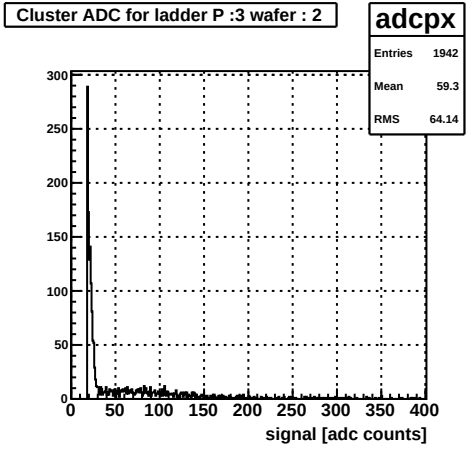

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 15956
Mean 28.53
RMS 30.22
signal [adc counts]

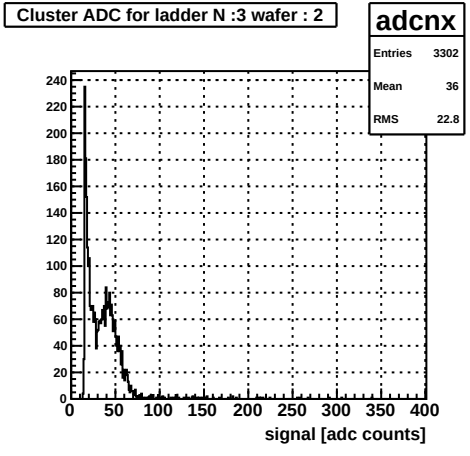

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3552
Mean 34.98
RMS 28.63
signal [adc counts]

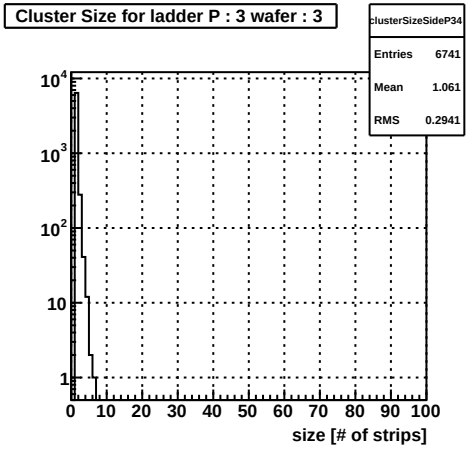

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1942
Mean 1.235
RMS 0.5584
size [# of strips]

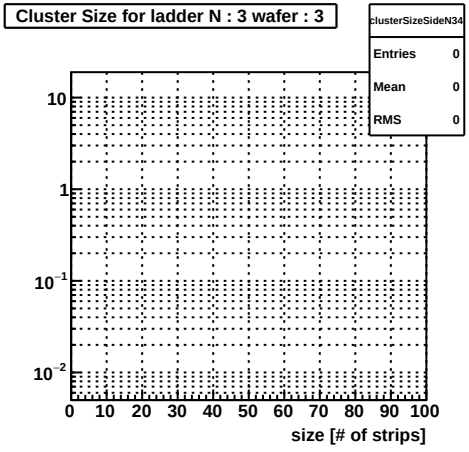

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 3302
Mean 1.058
RMS 0.3264
size [# of strips]

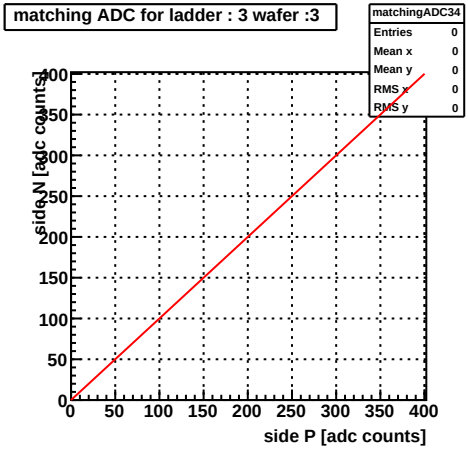

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 257
Mean x 77.97
Mean y 55.87
RMS x 62.5
RMS y 42.26
side N [adc counts]
side P [adc counts]

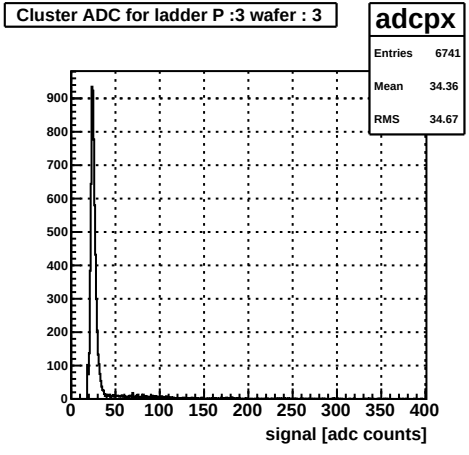

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1942
Mean 59.3
RMS 64.14
signal [adc counts]

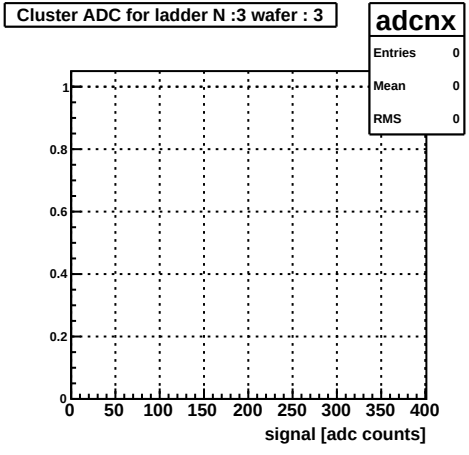

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 3302
Mean 36
RMS 22.8
signal [adc counts]

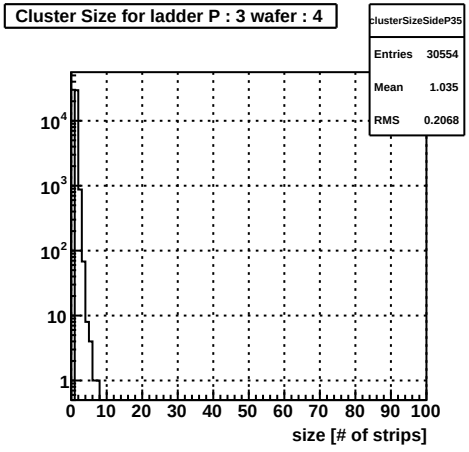

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 6741
Mean 1.061
RMS 0.2941
size [# of strips]

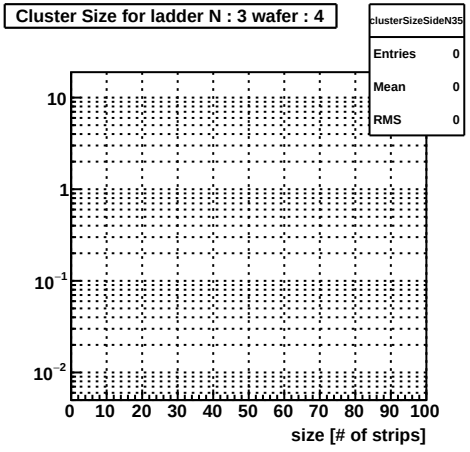

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

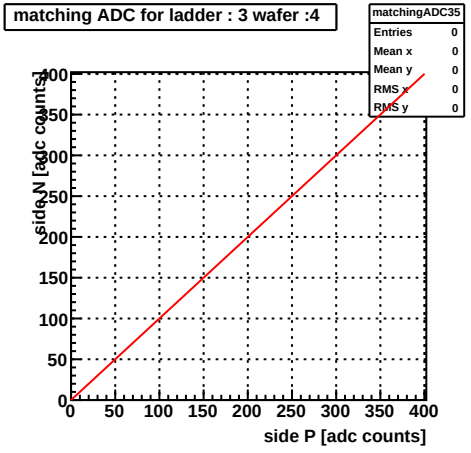

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

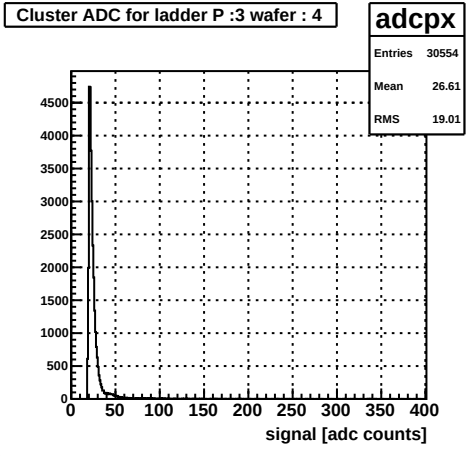

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 6741
Mean 34.36
RMS 34.67
signal [adc counts]

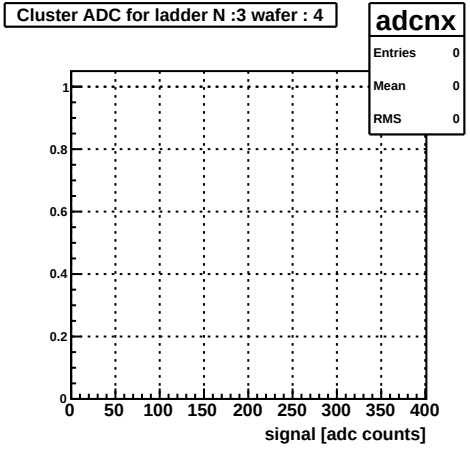

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

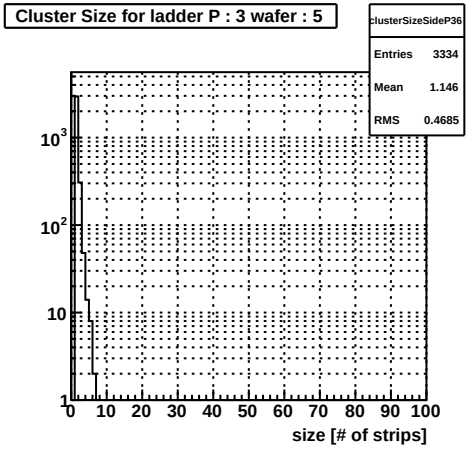

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 30554
Mean 1.035
RMS 0.2068
size [# of strips]

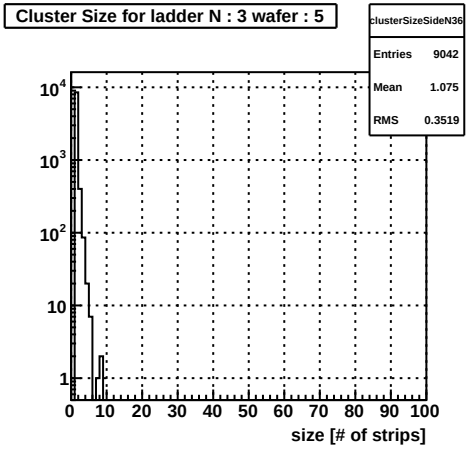

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

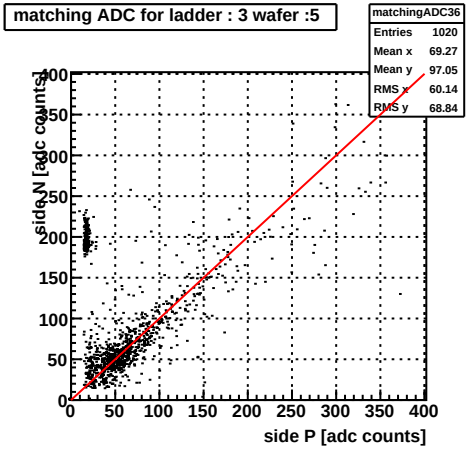

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

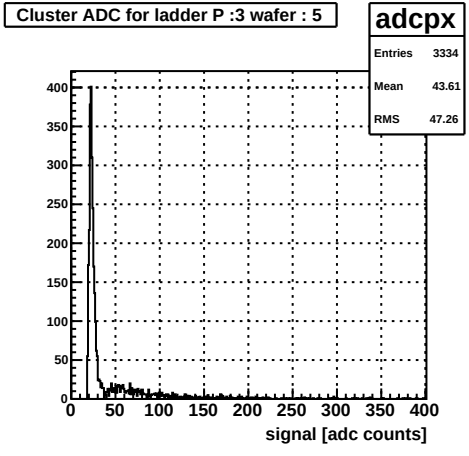

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 30554
Mean 26.61
RMS 19.01
signal [adc counts]

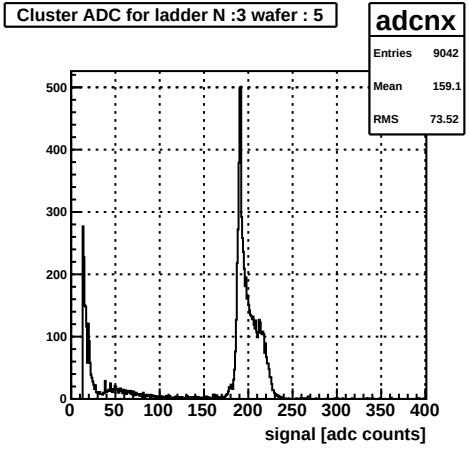

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

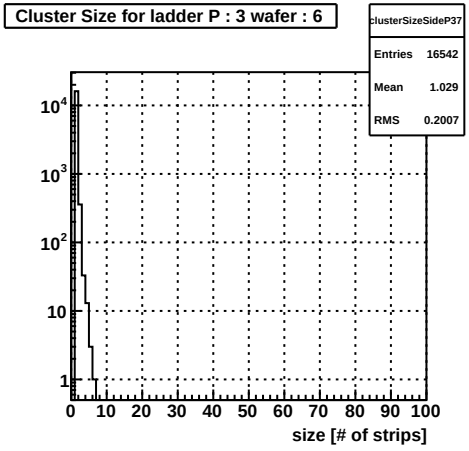

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3334
Mean 1.146
RMS 0.4685
size [# of strips]

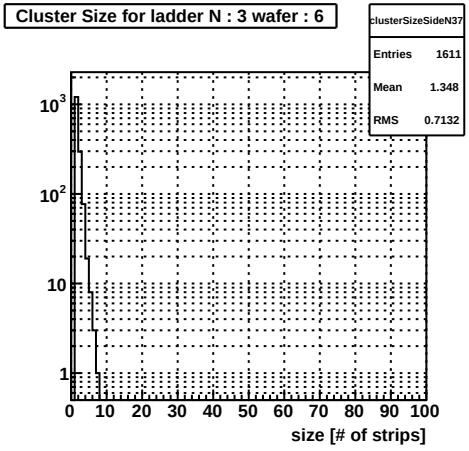

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 9042
Mean 1.075
RMS 0.3519
size [# of strips]

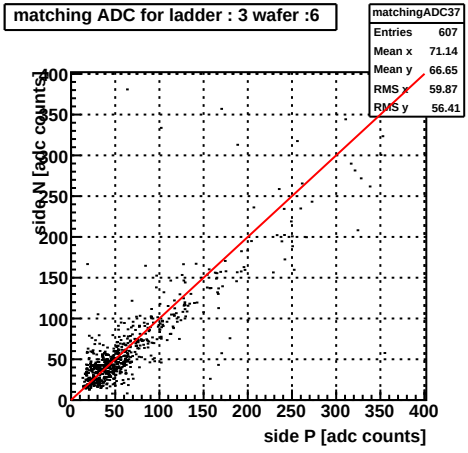

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1020
Mean x 69.27
Mean y 97.05
RMS x 60.14
RMS y 68.84
side N [adc counts]
side P [adc counts]

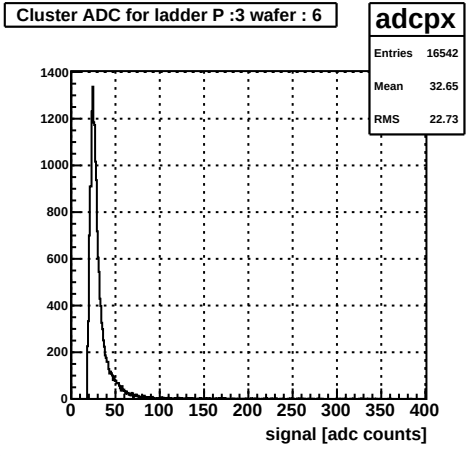

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3334
Mean 43.61
RMS 47.26
signal [adc counts]

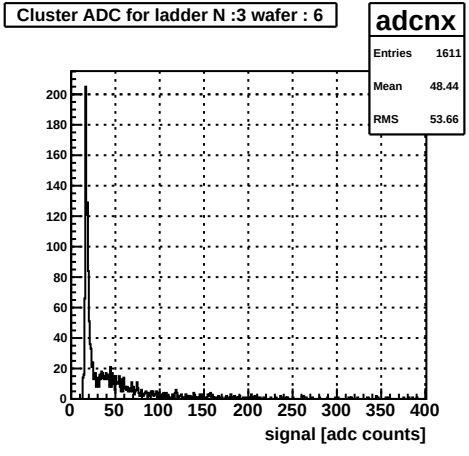

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 9042
Mean 159.1
RMS 73.52
signal [adc counts]

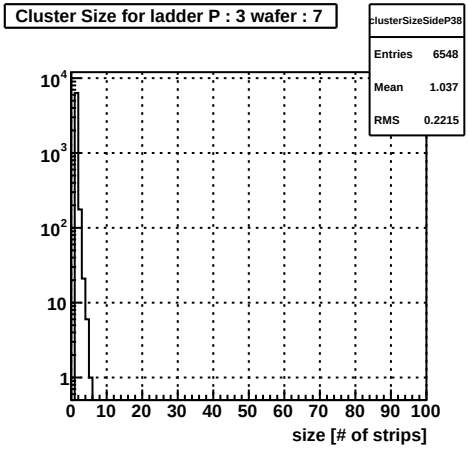

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 16542
Mean 1.029
RMS 0.2007
size [# of strips]

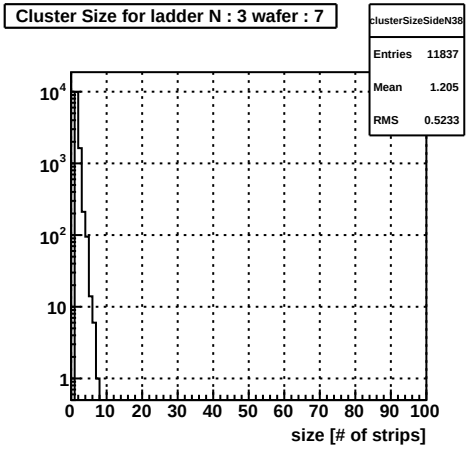

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1611
Mean 1.348
RMS 0.7132
size [# of strips]

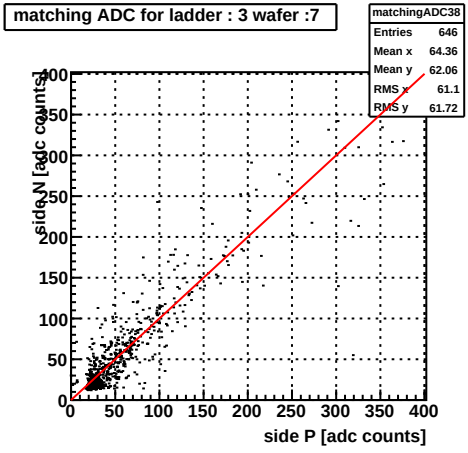

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 607
Mean x 71.14
Mean y 66.65
RMS x 59.87
RMS y 56.41
side N [adc counts]
side P [adc counts]

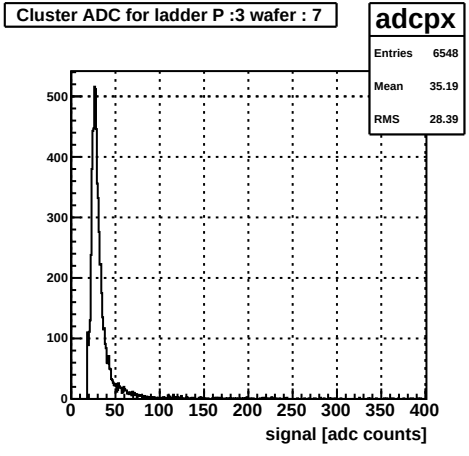

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 16542
Mean 32.65
RMS 22.73
signal [adc counts]

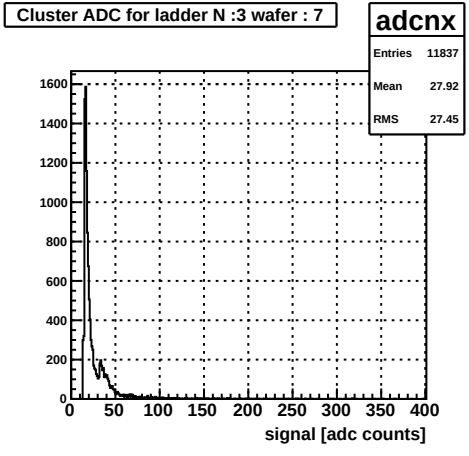

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1611
Mean 48.44
RMS 53.66
signal [adc counts]

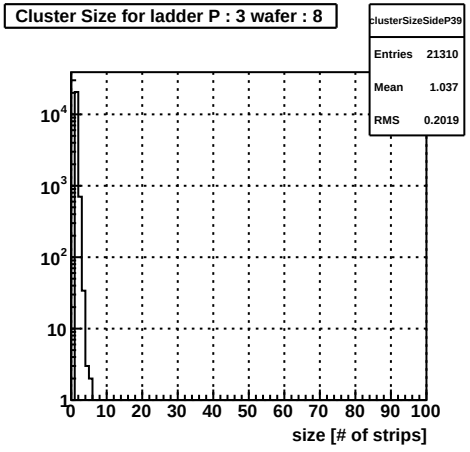

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 6548
Mean 1.037
RMS 0.2215
size [# of strips]

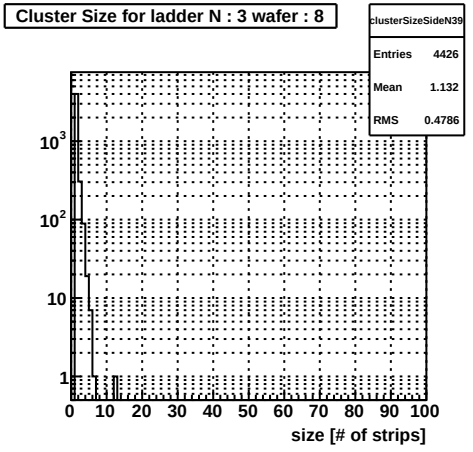

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 11837
Mean 1.205
RMS 0.5233
size [# of strips]

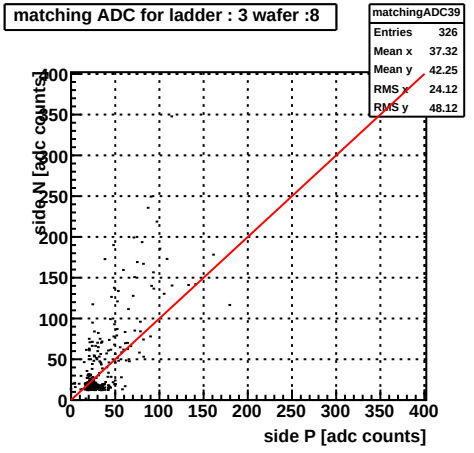

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 646
Mean x 64.36
Mean y 62.06
RMS x 61.1
RMS y 61.72
side N [adc counts]
side P [adc counts]

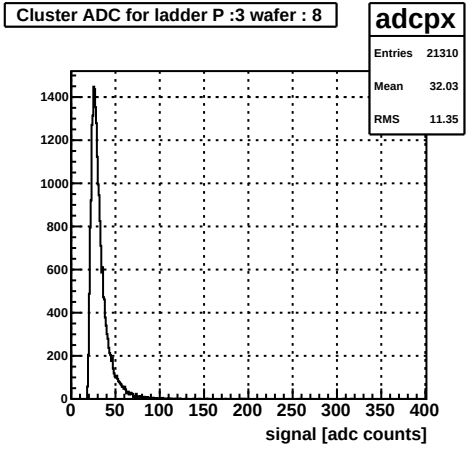

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 6548
Mean 35.19
RMS 28.39
signal [adc counts]

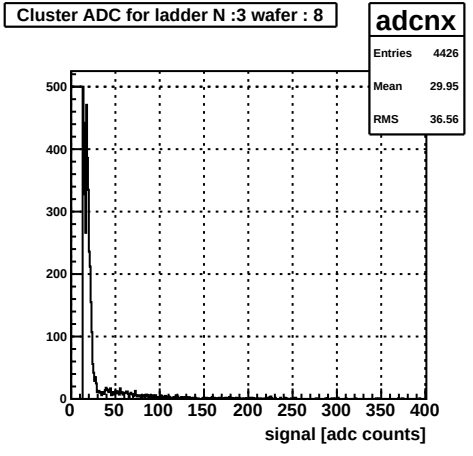

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 11837
Mean 27.92
RMS 27.45
signal [adc counts]

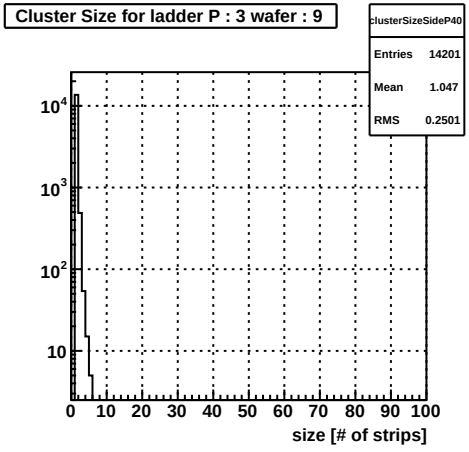

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 21310
Mean 1.037
RMS 0.2019
size [# of strips]

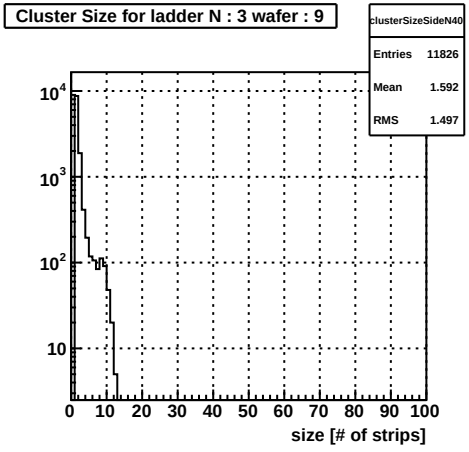

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 4426
Mean 1.132
RMS 0.4786
size [# of strips]

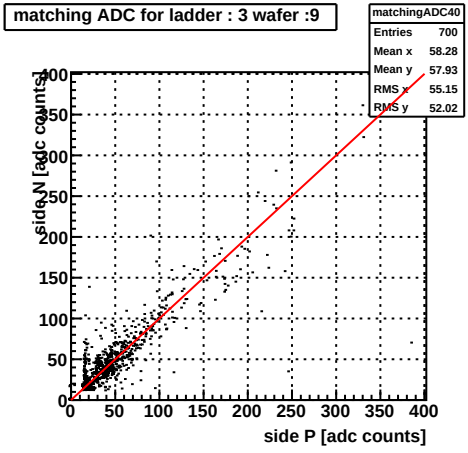

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 326
Mean x 37.32
Mean y 42.25
RMS x 24.12
RMS y 48.12
side N [adc counts]
side P [adc counts]

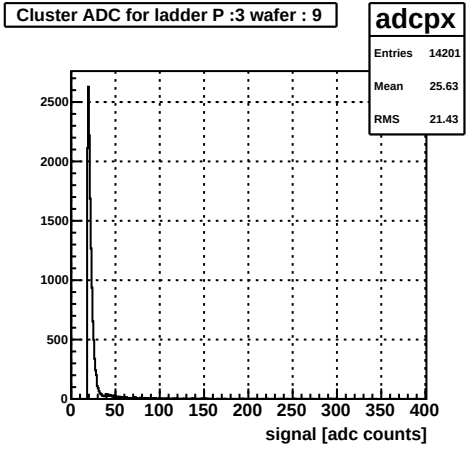

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 21310
Mean 32.03
RMS 11.35
signal [adc counts]

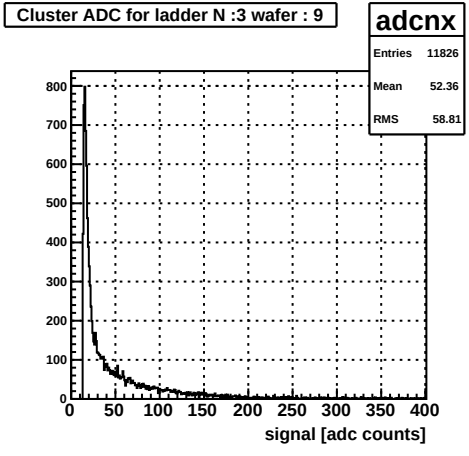

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 4426
Mean 29.95
RMS 36.56
signal [adc counts]

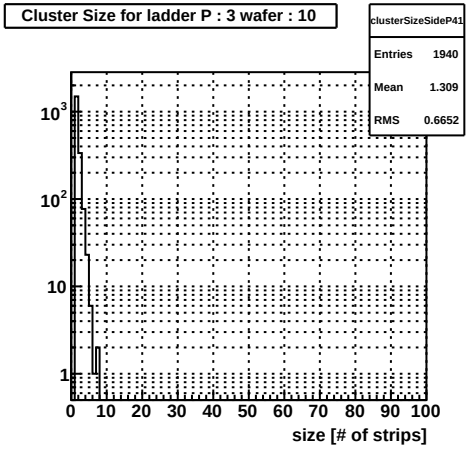

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 14201
Mean 1.047
RMS 0.2501
size [# of strips]

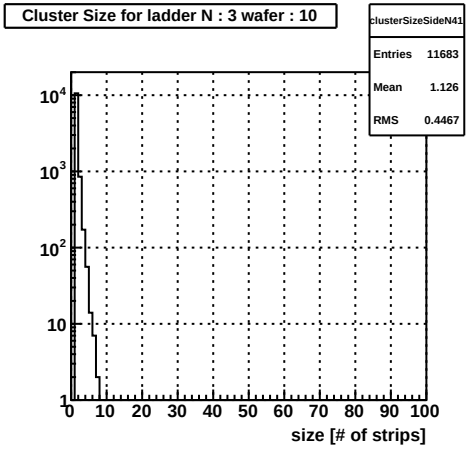

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 11826
Mean 1.592
RMS 1.497
size [# of strips]

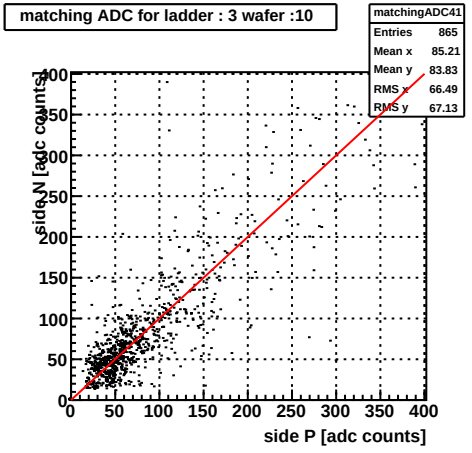

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 700
Mean x 58.28
Mean y 57.93
RMS x 55.15
RMS y 52.02
side N [adc counts]
side P [adc counts]

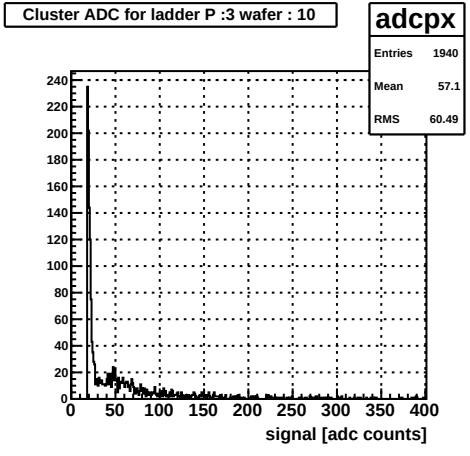

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 14201
Mean 25.63
RMS 21.43
signal [adc counts]

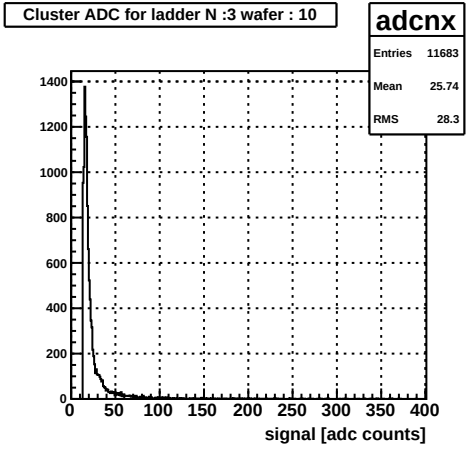

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 11826
Mean 52.36
RMS 58.81
signal [adc counts]

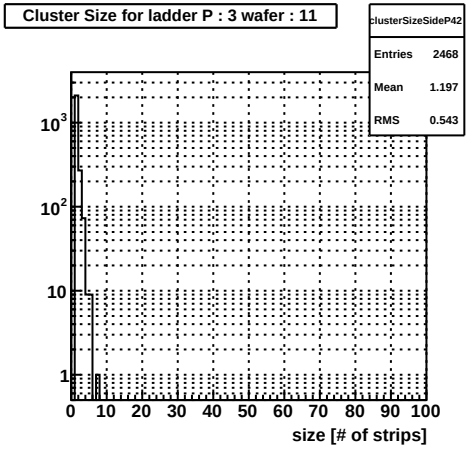

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1940
Mean 1.309
RMS 0.6652
size [# of strips]

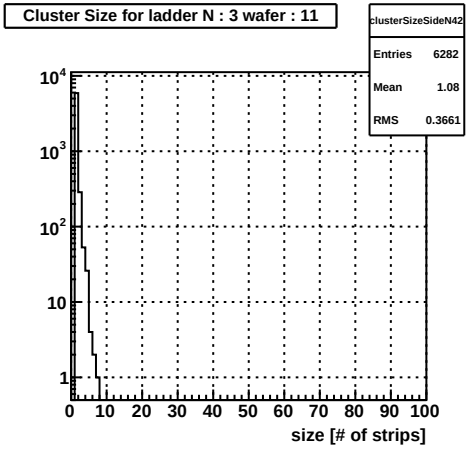

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 11683
Mean 1.126
RMS 0.4467
size [# of strips]

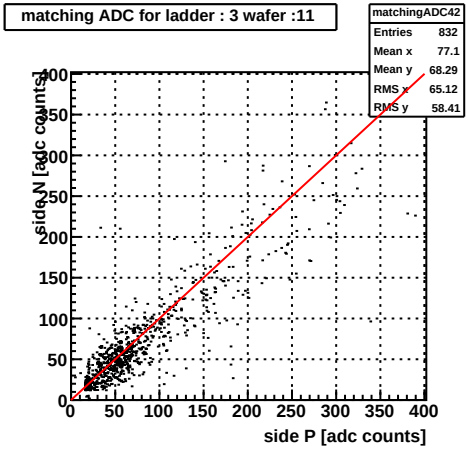

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 865
Mean x 85.21
Mean y 83.83
RMS x 66.49
RMS y 67.13
side N [adc counts]
side P [adc counts]

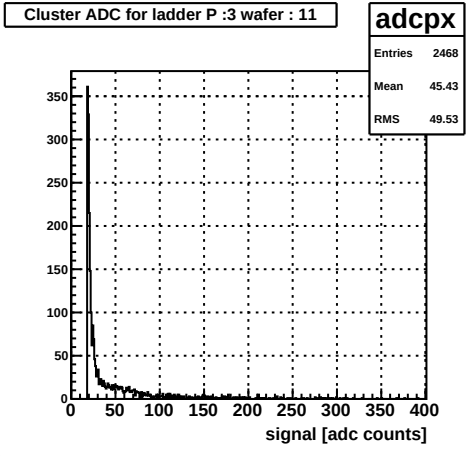

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1940
Mean 57.1
RMS 60.49
signal [adc counts]

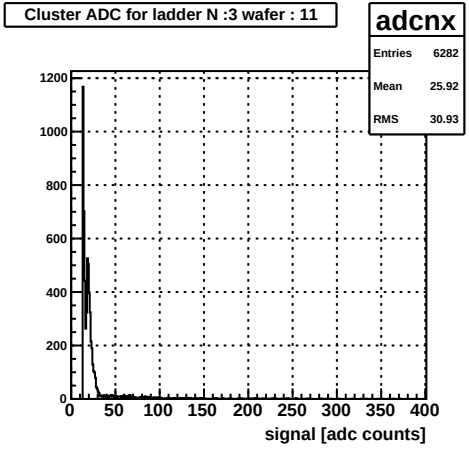

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 11683
Mean 25.74
RMS 28.3
signal [adc counts]

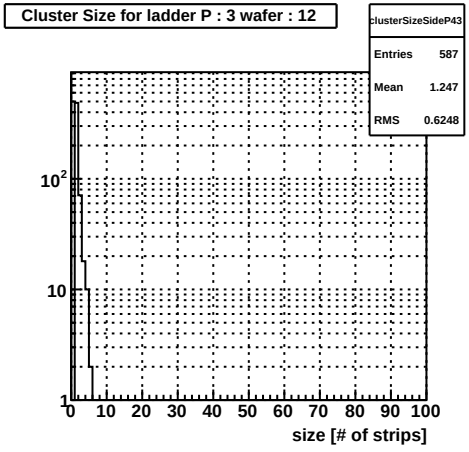

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2468
Mean 1.197
RMS 0.543
size [# of strips]

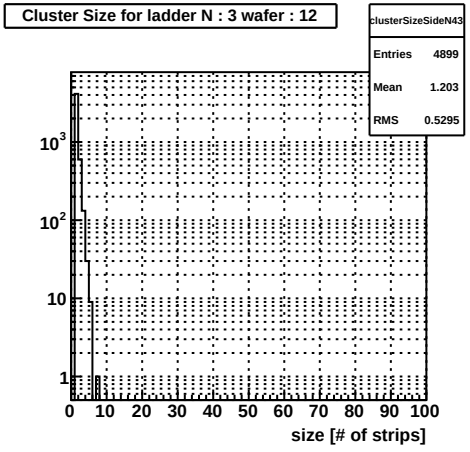

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 6282
Mean 1.08
RMS 0.3661
size [# of strips]

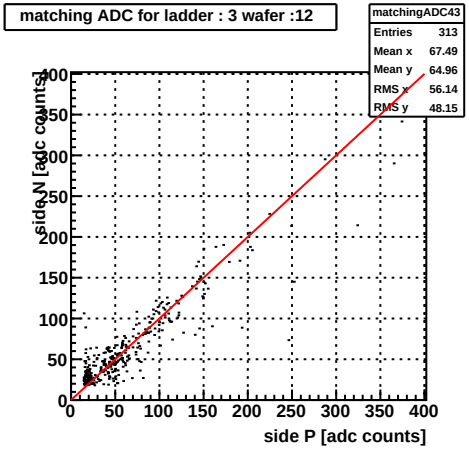

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 832
Mean x 77.1
Mean y 68.29
RMS x 65.12
RMS y 58.41
side N [adc counts]
side P [adc counts]

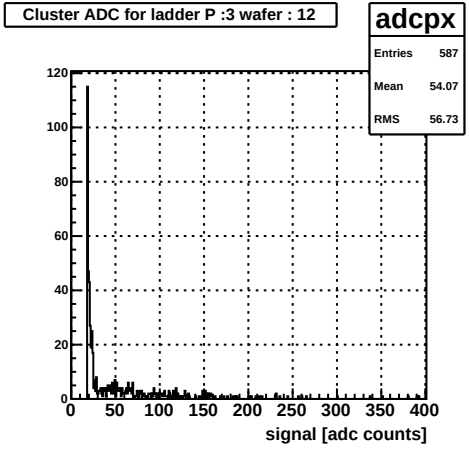

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2468
Mean 45.43
RMS 49.53
signal [adc counts]

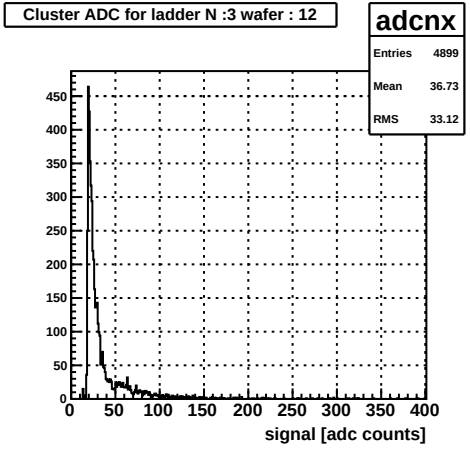

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 6282
Mean 25.92
RMS 30.93
signal [adc counts]

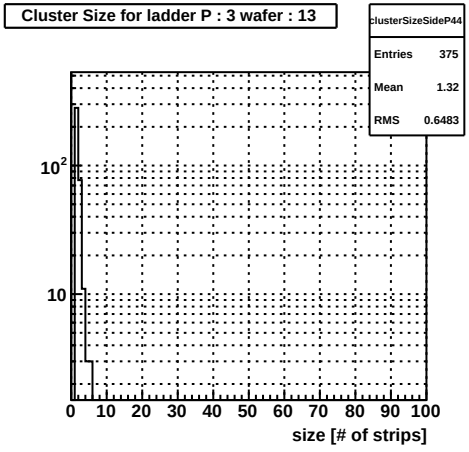

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 587
Mean 1.247
RMS 0.6248
size [# of strips]

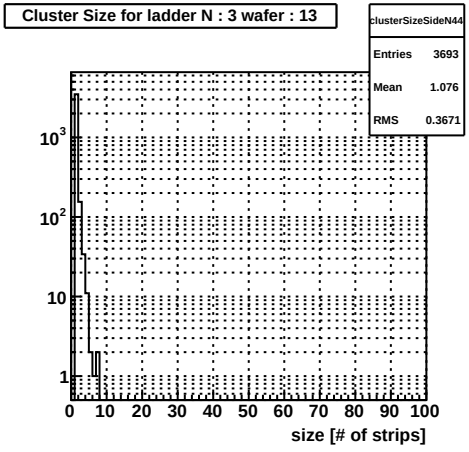

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 4899
Mean 1.203
RMS 0.5295
size [# of strips]

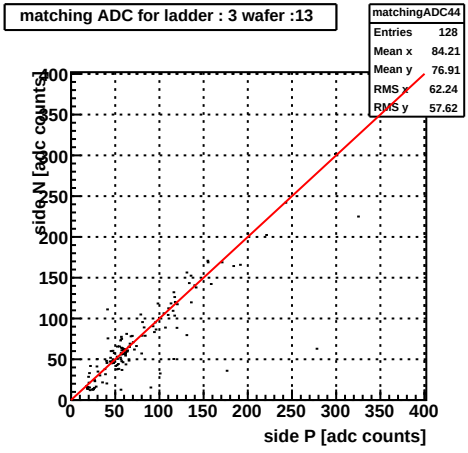

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 313
Mean x 67.49
Mean y 64.96
RMS x 56.14
RMS y 48.15
side N [adc counts]
side P [adc counts]

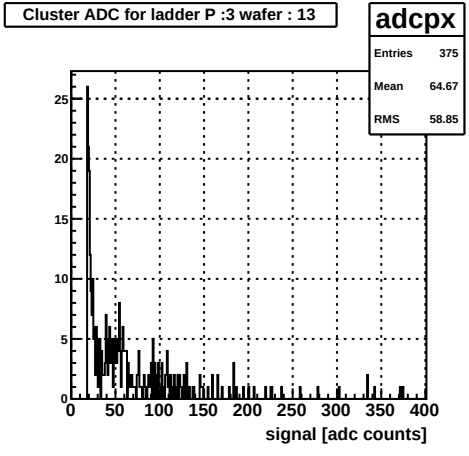

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 587
Mean 54.07
RMS 56.73
signal [adc counts]

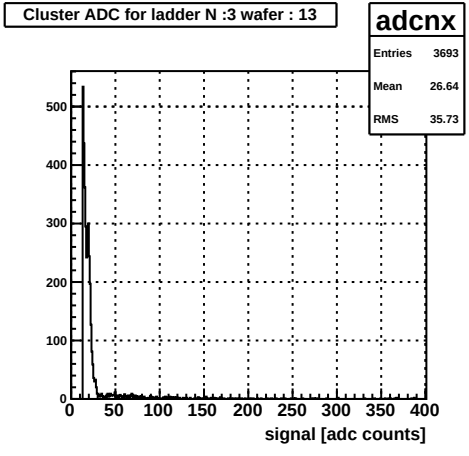

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 4899
Mean 36.73
RMS 33.12
signal [adc counts]

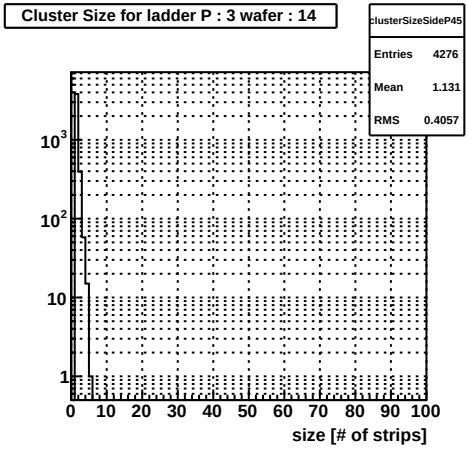

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 375
Mean 1.32
RMS 0.6483
size [# of strips]

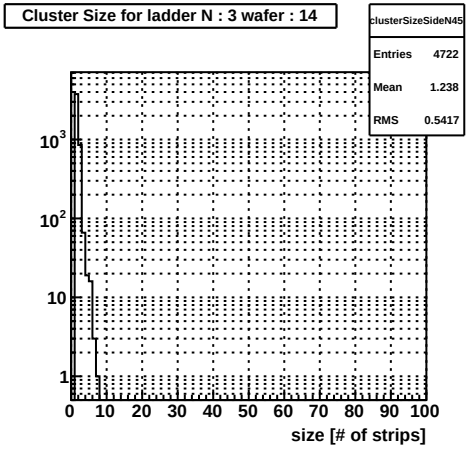

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 3693
Mean 1.076
RMS 0.3671
size [# of strips]

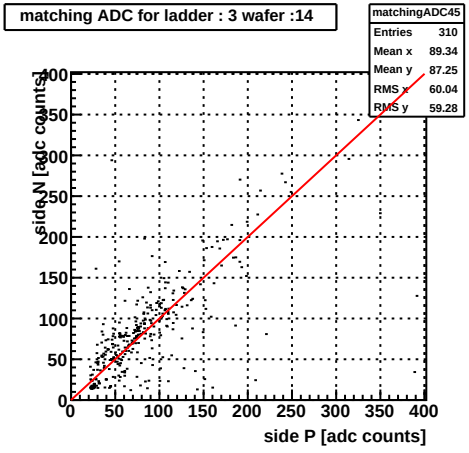

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 128
Mean x 84.21
Mean y 76.91
RMS x 62.24
RMS y 57.62
side N [adc counts]
side P [adc counts]

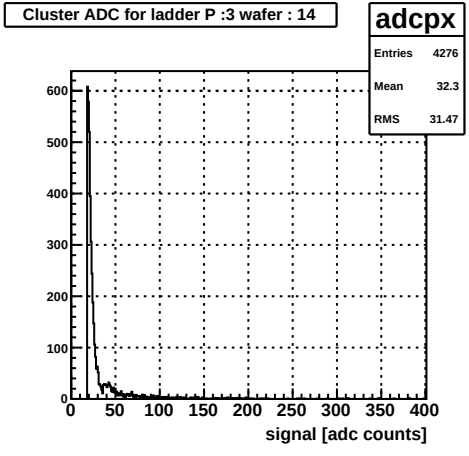

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 375
Mean 64.67
RMS 58.85
signal [adc counts]

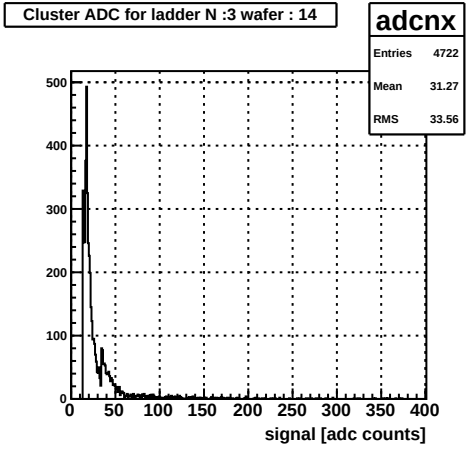

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 3693
Mean 26.64
RMS 35.73
signal [adc counts]

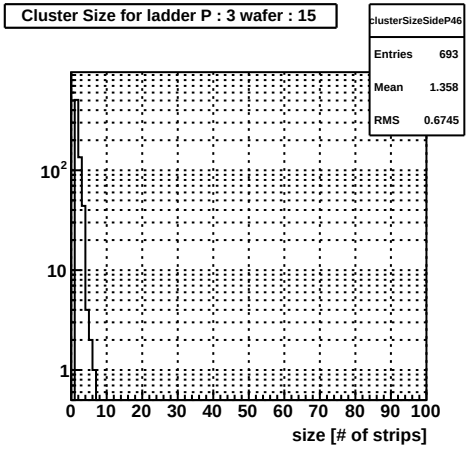

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 4276
Mean 1.131
RMS 0.4057
size [# of strips]

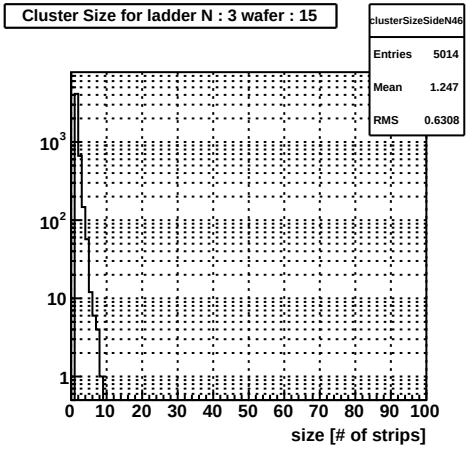

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 4722
Mean 1.238
RMS 0.5417
size [# of strips]

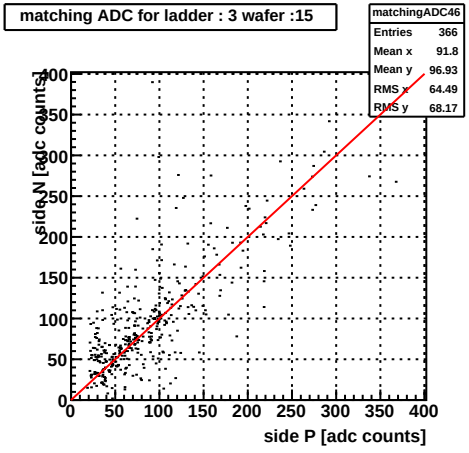

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 310
Mean x 89.34
Mean y 87.25
RMS x 60.04
RMS y 59.28
side N [adc counts]
side P [adc counts]

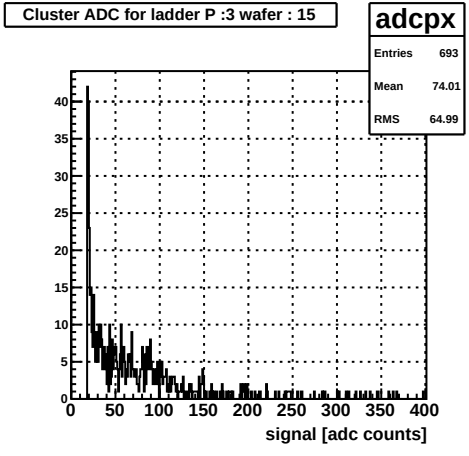

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 4276
Mean 32.3
RMS 31.47
signal [adc counts]

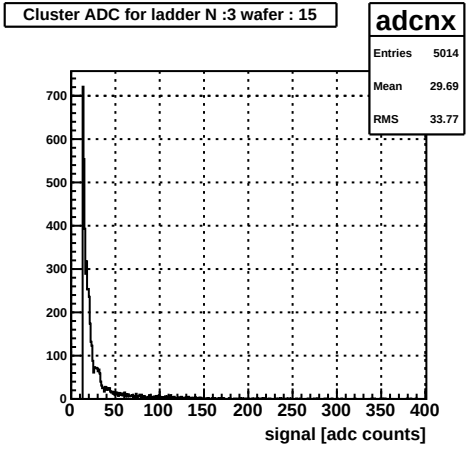

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 4722
Mean 31.27
RMS 33.56
signal [adc counts]

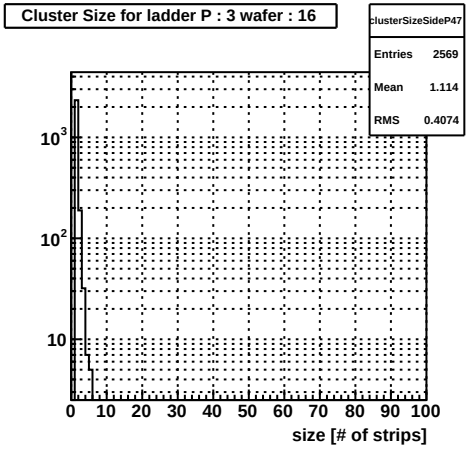

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 693
Mean 1.358
RMS 0.6745
size [# of strips]

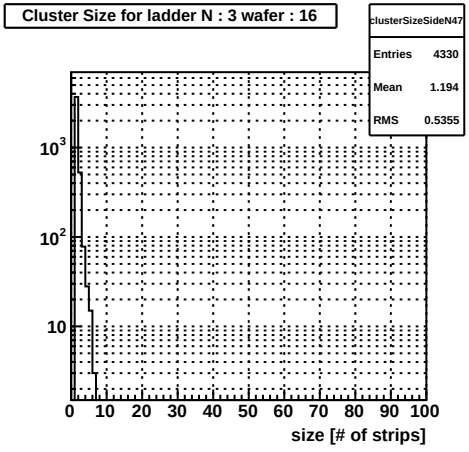

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 5014
Mean 1.247
RMS 0.6308
size [# of strips]

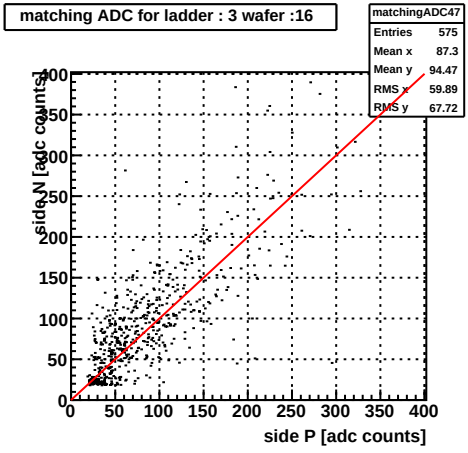

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 366
Mean x 91.8
Mean y 96.93
RMS x 64.49
RMS y 68.17
side N [adc counts]
side P [adc counts]

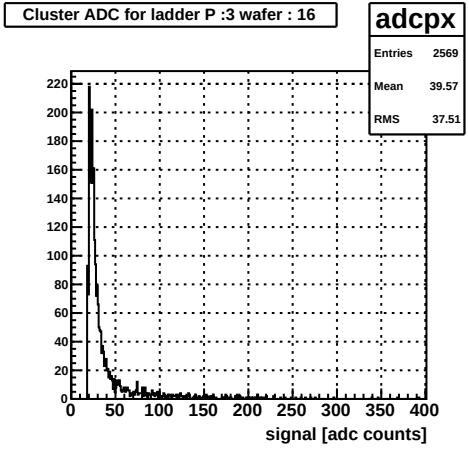

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 693
Mean 74.01
RMS 64.99
signal [adc counts]

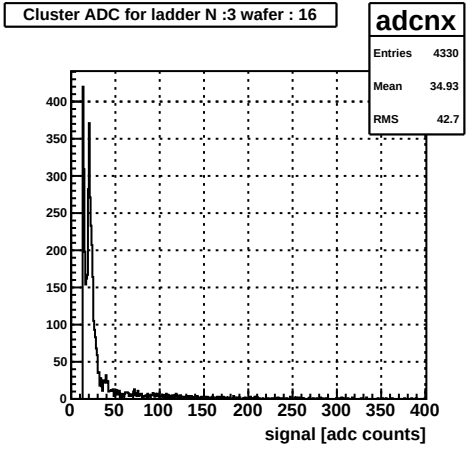

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 5014
Mean 29.69
RMS 33.77
signal [adc counts]

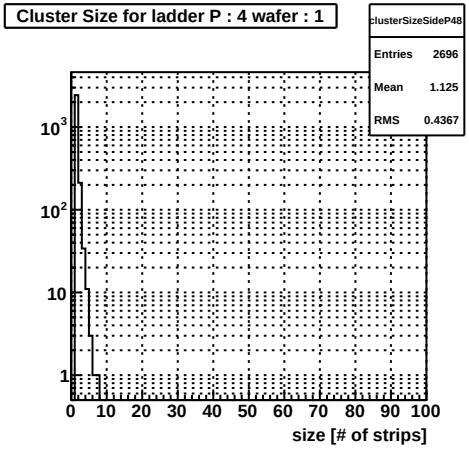

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2569
Mean 1.114
RMS 0.4074
size [# of strips]

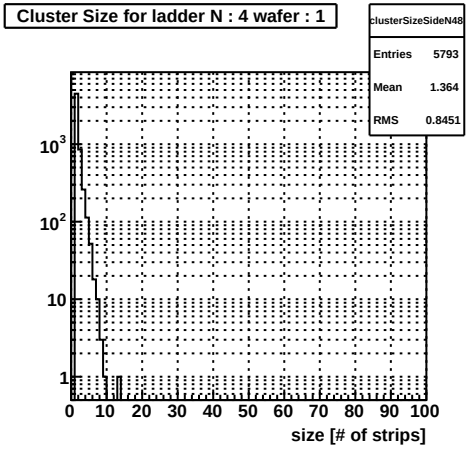

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 4330
Mean 1.194
RMS 0.5355
size [# of strips]

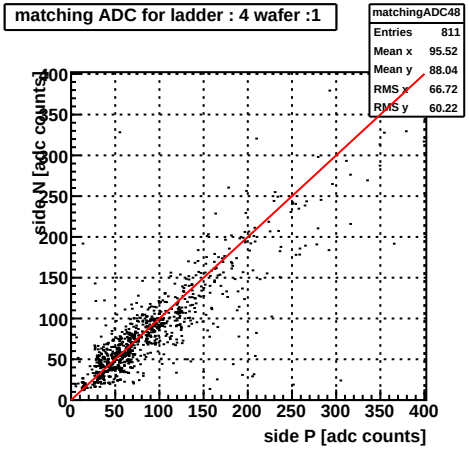

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 575
Mean x 87.3
Mean y 94.47
RMS x 59.89
RMS y 67.72
side N [adc counts]
side P [adc counts]

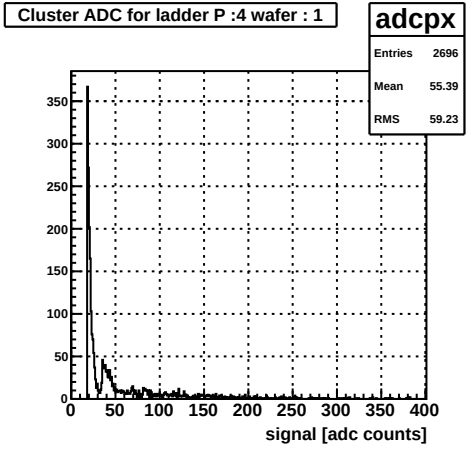

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2569
Mean 39.57
RMS 37.51
signal [adc counts]

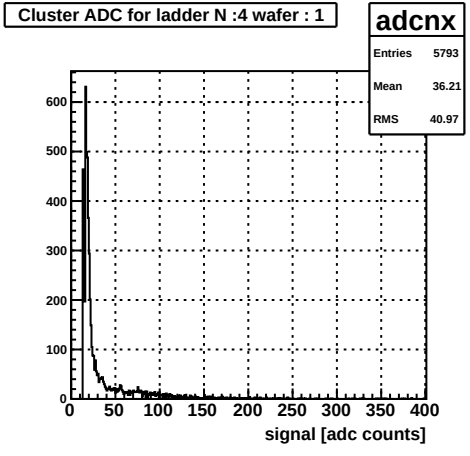

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 4330
Mean 34.93
RMS 42.7
signal [adc counts]

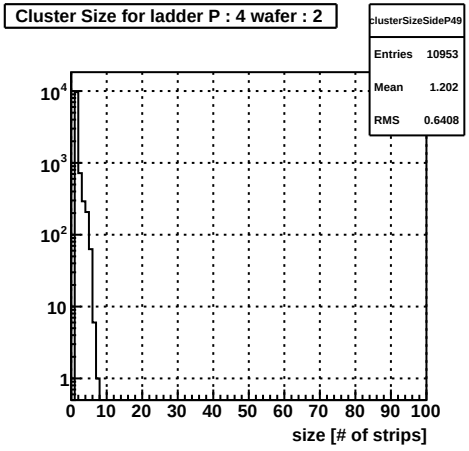

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2696
Mean 1.125
RMS 0.4367
size [# of strips]

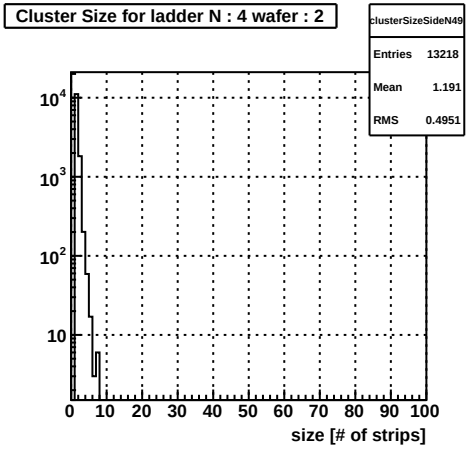

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 5793
Mean 1.364
RMS 0.8451
size [# of strips]

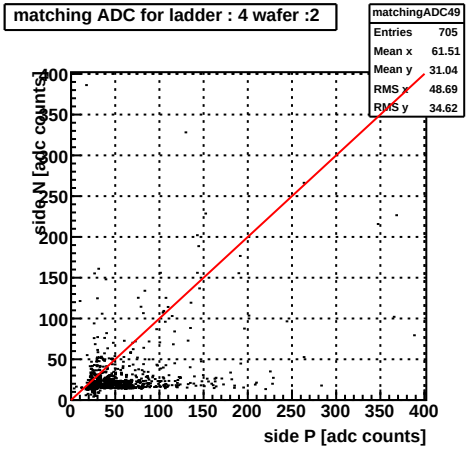

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 811
Mean x 95.52
Mean y 88.04
RMS x 66.72
RMS y 60.22
side N [adc counts]
side P [adc counts]

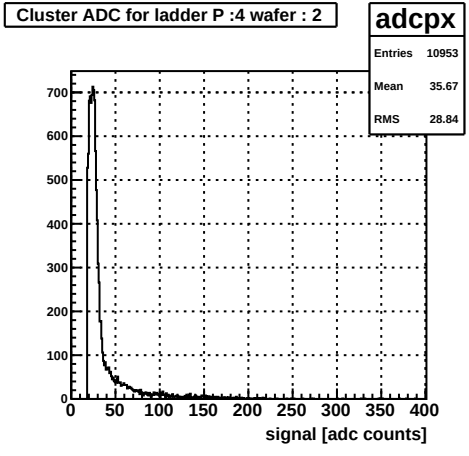

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2696
Mean 55.39
RMS 59.23
signal [adc counts]

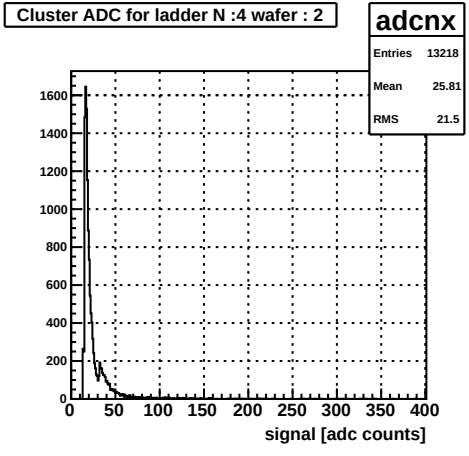

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 5793
Mean 36.21
RMS 40.97
signal [adc counts]

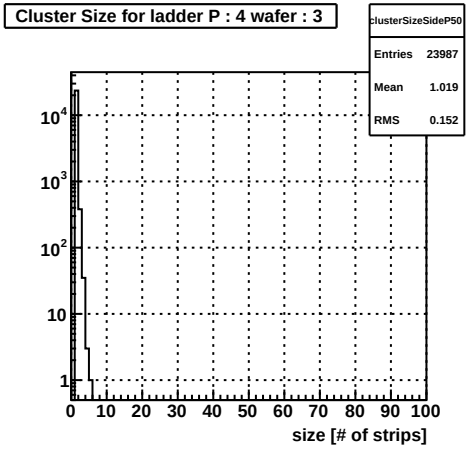

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 10953
Mean 1.202
RMS 0.6408
size [# of strips]

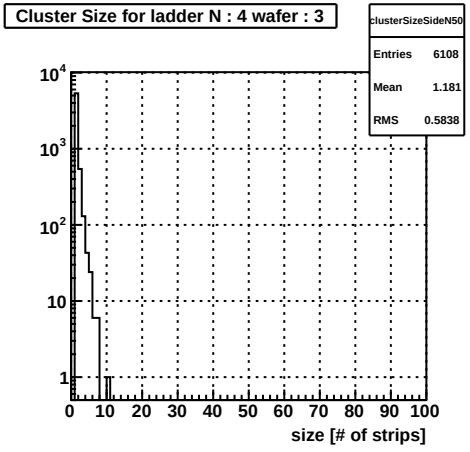

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 13218
Mean 1.191
RMS 0.4951
size [# of strips]

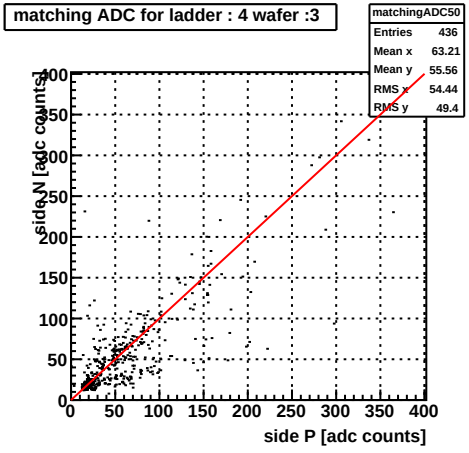

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 705
Mean x 61.51
Mean y 31.04
RMS x 48.69
RMS y 34.62
side N [adc counts]
side P [adc counts]

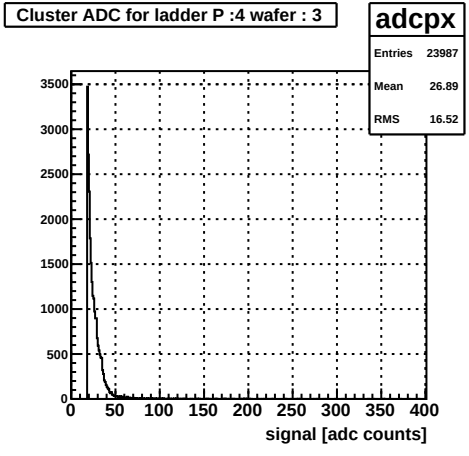

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 10953
Mean 35.67
RMS 28.84
signal [adc counts]

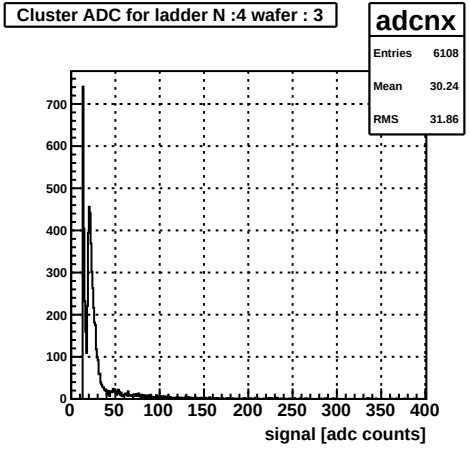

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 13218
Mean 25.81
RMS 21.5
signal [adc counts]

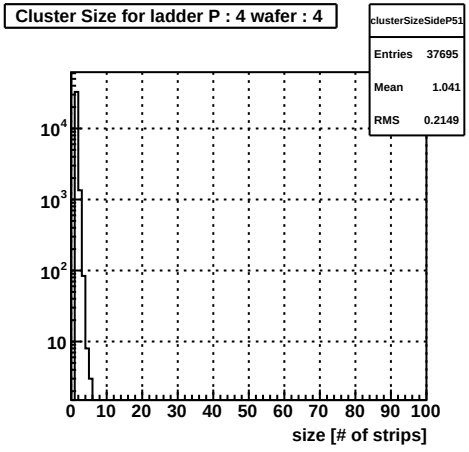

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 23987
Mean 1.019
RMS 0.152
size [# of strips]

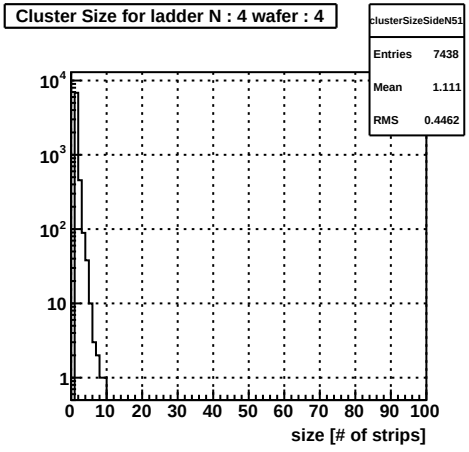

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 6108
Mean 1.181
RMS 0.5838
size [# of strips]

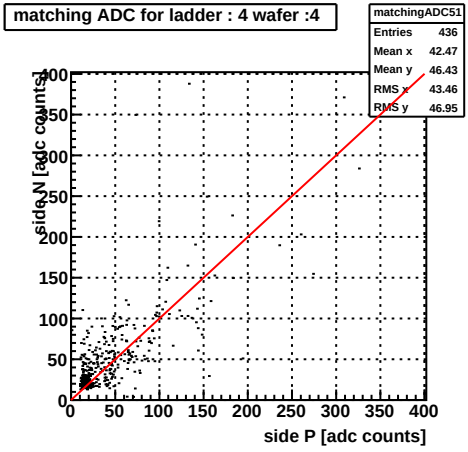

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 436
Mean x 63.21
Mean y 55.56
RMS x 54.44
RMS y 49.4
side N [adc counts]
side P [adc counts]

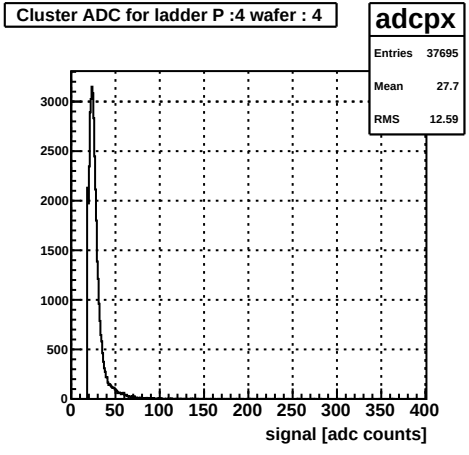

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 23987
Mean 26.89
RMS 16.52
signal [adc counts]

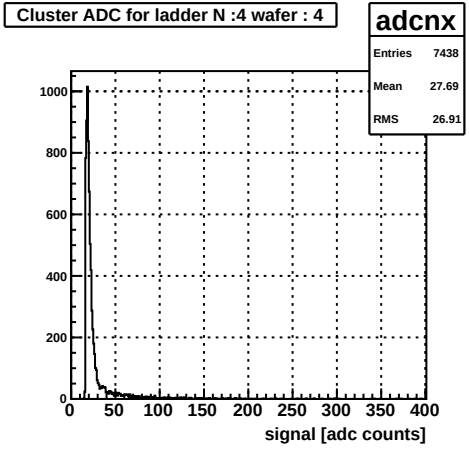

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 6108
Mean 30.24
RMS 31.86
signal [adc counts]

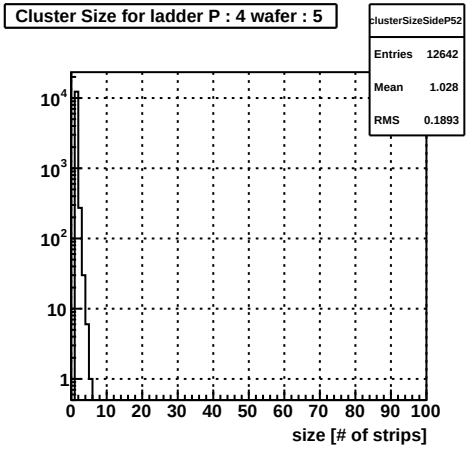

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 37695
Mean 1.041
RMS 0.2149
size [# of strips]

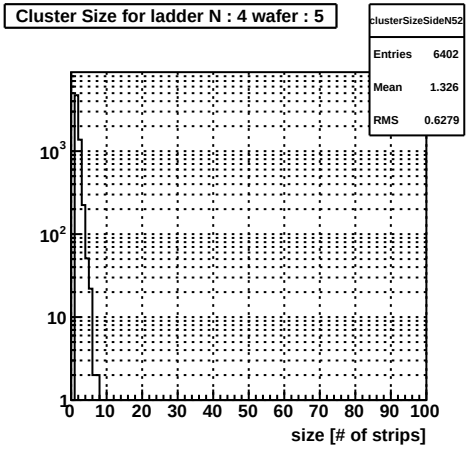

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 7438
Mean 1.111
RMS 0.4462
size [# of strips]

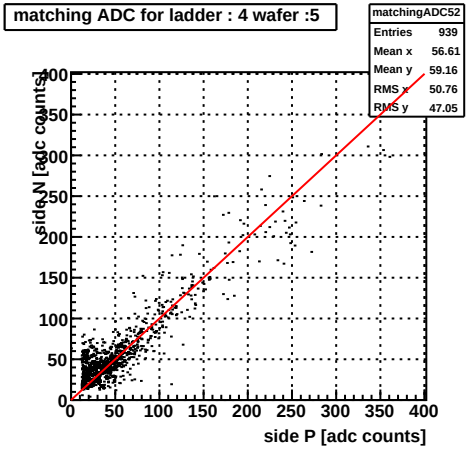

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 436
Mean x 42.47
Mean y 46.43
RMS x 43.46
RMS y 46.95
side N [adc counts]
side P [adc counts]

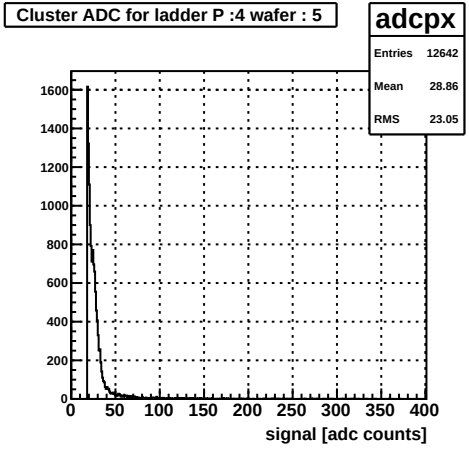

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 37695
Mean 27.7
RMS 12.59
signal [adc counts]

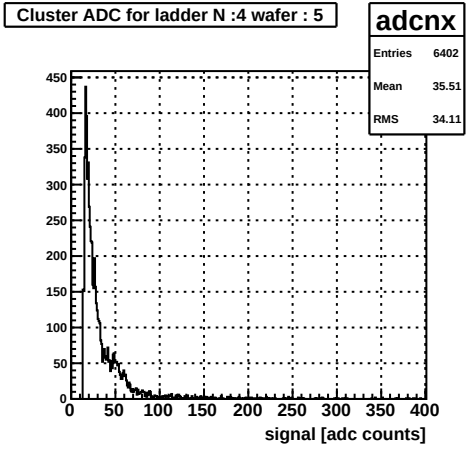

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 7438
Mean 27.69
RMS 26.91
signal [adc counts]

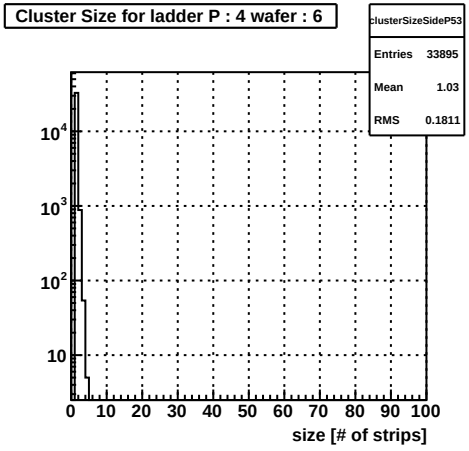

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 12642
Mean 1.028
RMS 0.1893
size [# of strips]

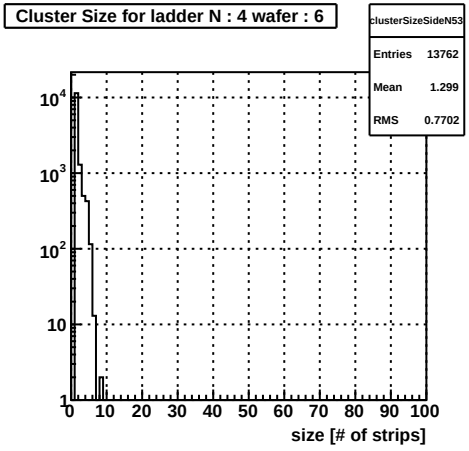

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 6402
Mean 1.326
RMS 0.6279
size [# of strips]

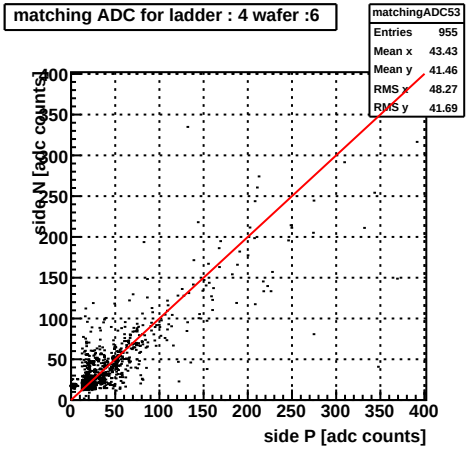

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 939
Mean x 56.61
Mean y 59.16
RMS x 50.76
RMS y 47.05
side N [adc counts]
side P [adc counts]

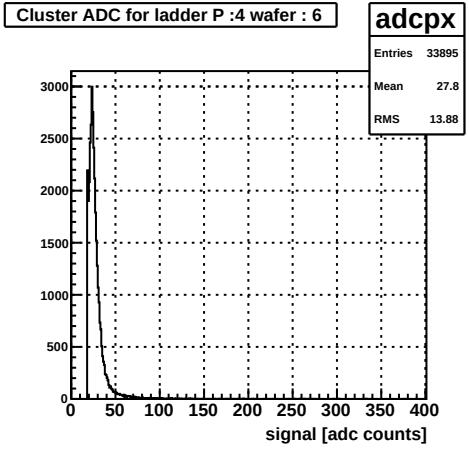

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 12642
Mean 28.86
RMS 23.05
signal [adc counts]

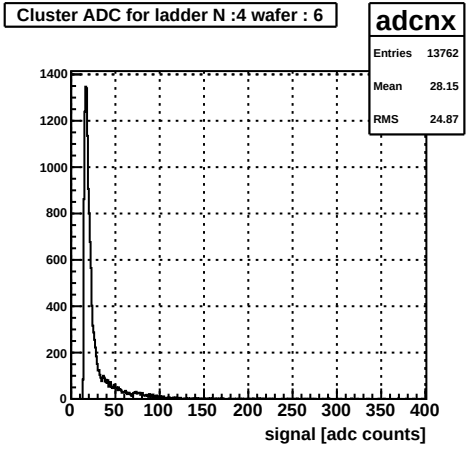

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 6402
Mean 35.51
RMS 34.11
signal [adc counts]

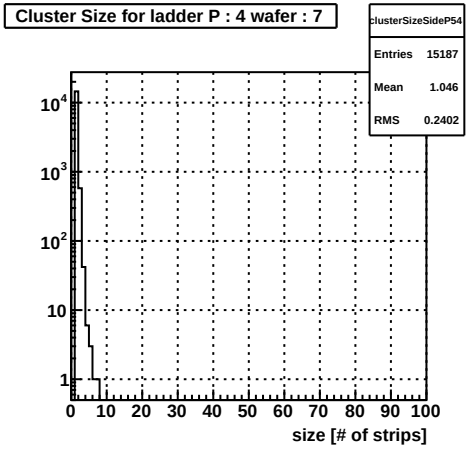

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 33895
Mean 1.03
RMS 0.1811
size [# of strips]

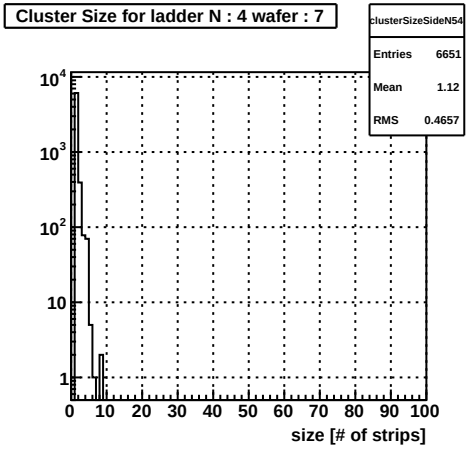

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 13762
Mean 1.299
RMS 0.7702
size [# of strips]

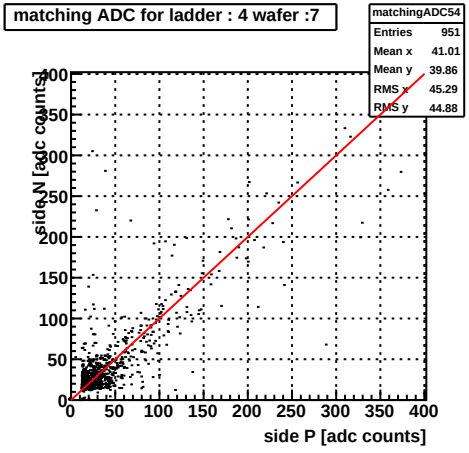

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 955
Mean x 43.43
Mean y 41.46
RMS x 48.27
RMS y 41.69
side N [adc counts]
side P [adc counts]

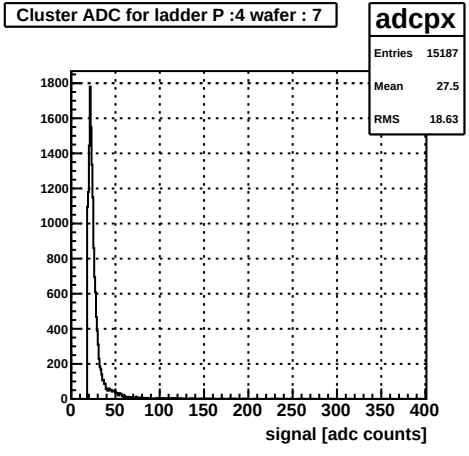

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 33895
Mean 27.8
RMS 13.88
signal [adc counts]

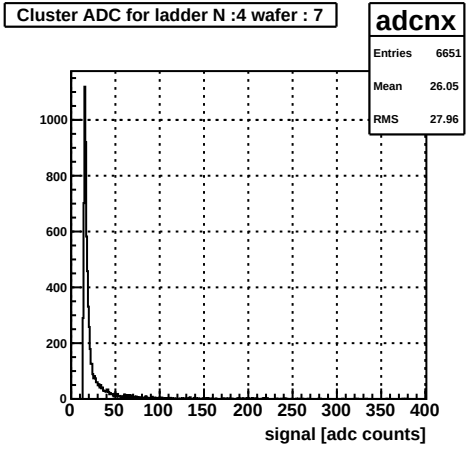

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 13762
Mean 28.15
RMS 24.87
signal [adc counts]

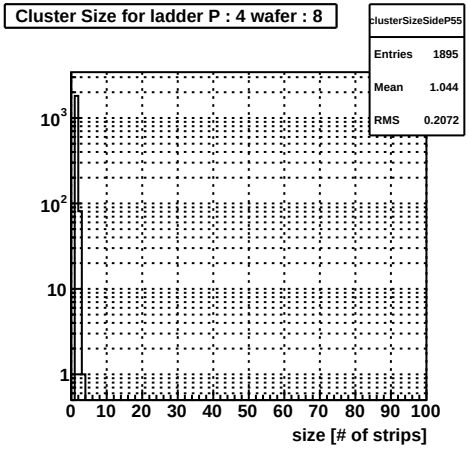

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 15187
Mean 1.046
RMS 0.2402
size [# of strips]

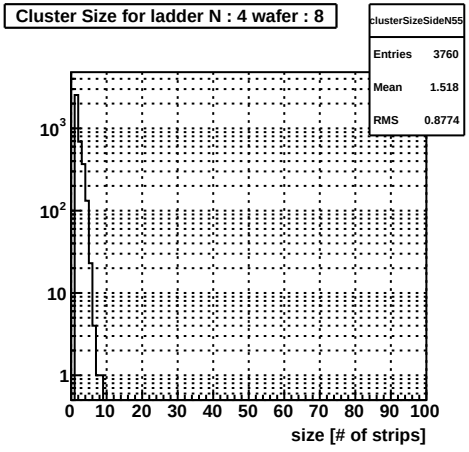

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 6651
Mean 1.12
RMS 0.4657
size [# of strips]

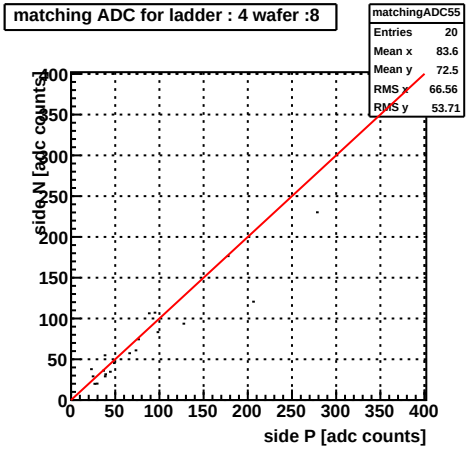

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 951
Mean x 41.01
Mean y 39.86
RMS x 45.29
RMS y 44.88
side N [adc counts]
side P [adc counts]

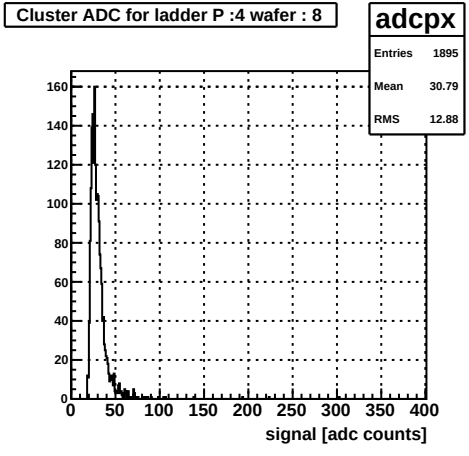

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 15187
Mean 27.5
RMS 18.63
signal [adc counts]

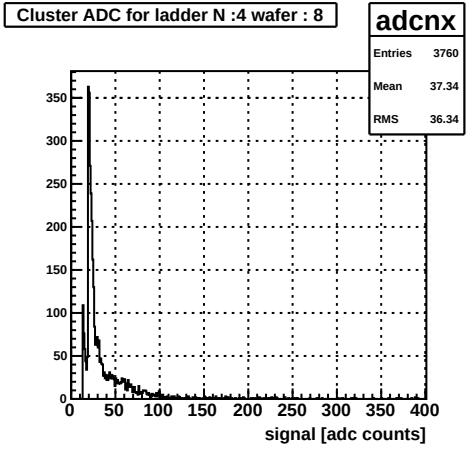

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 6651
Mean 26.05
RMS 27.96
signal [adc counts]

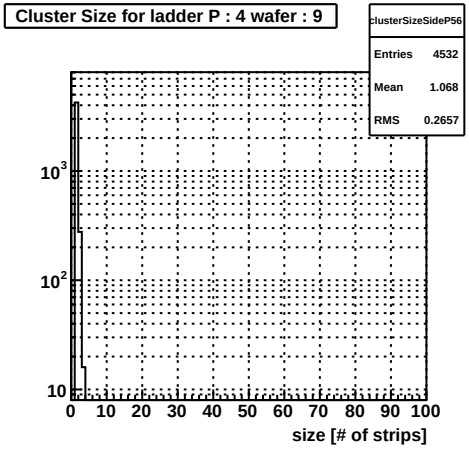

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1895
Mean 1.044
RMS 0.2072
size [# of strips]

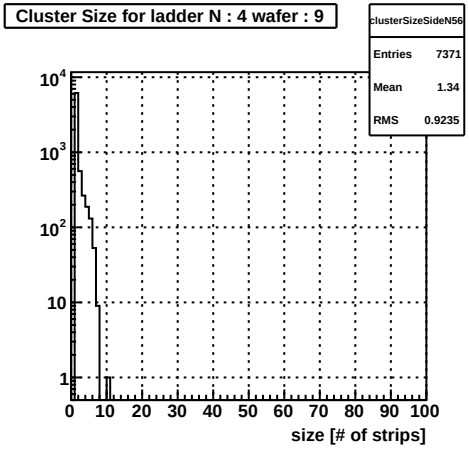

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 3760
Mean 1.518
RMS 0.8774
size [# of strips]

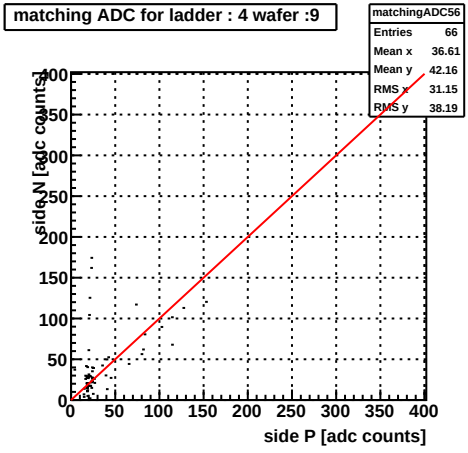

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 20
Mean x 83.6
Mean y 72.5
RMS x 66.56
RMS y 53.71
side N [adc counts]
side P [adc counts]

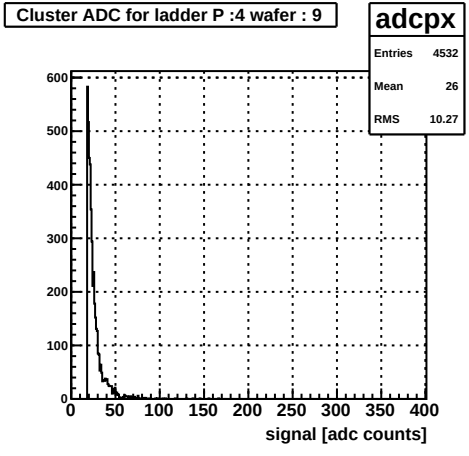

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1895
Mean 30.79
RMS 12.88
signal [adc counts]

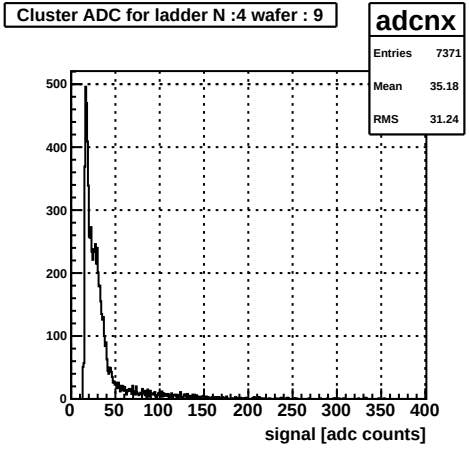

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 3760
Mean 37.34
RMS 36.34
signal [adc counts]

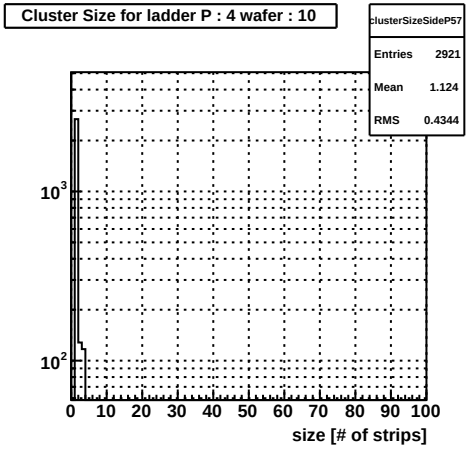

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 4532
Mean 1.068
RMS 0.2657
size [# of strips]

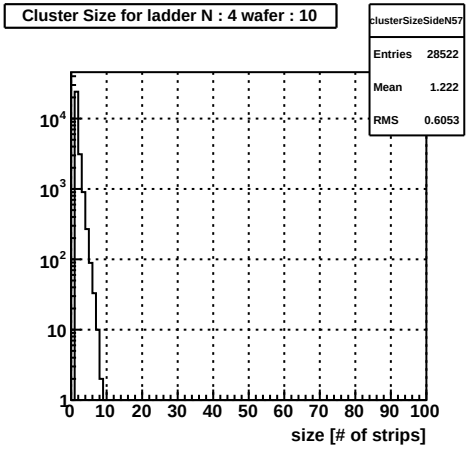

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 7371
Mean 1.34
RMS 0.9235
size [# of strips]

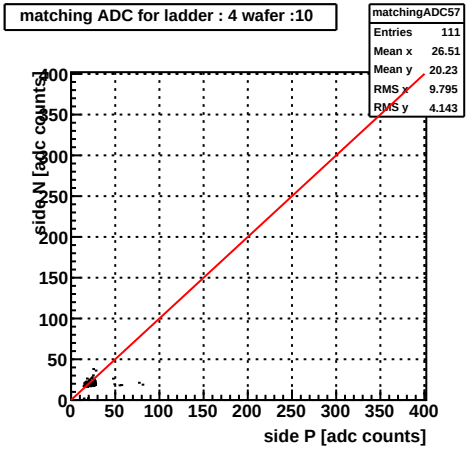

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 66
Mean x 36.61
Mean y 42.16
RMS x 31.15
RMS y 38.19
side N [adc counts]
side P [adc counts]

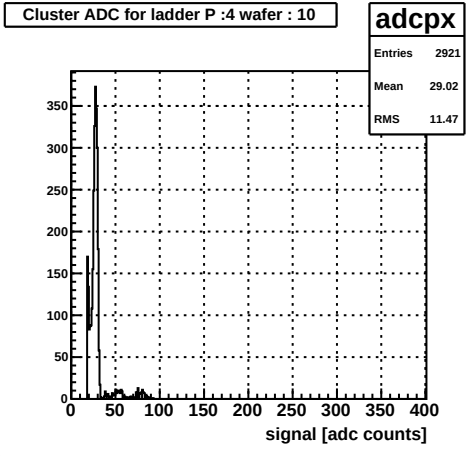

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 4532
Mean 26
RMS 10.27
signal [adc counts]

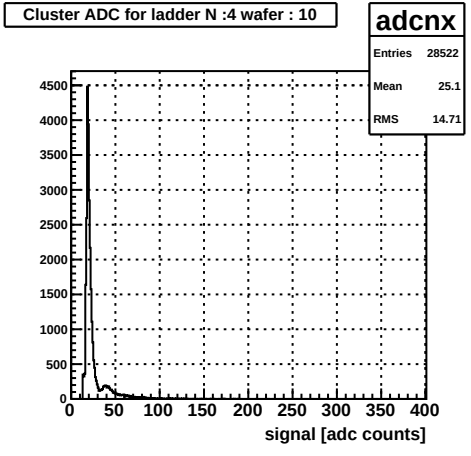

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 7371
Mean 35.18
RMS 31.24
signal [adc counts]

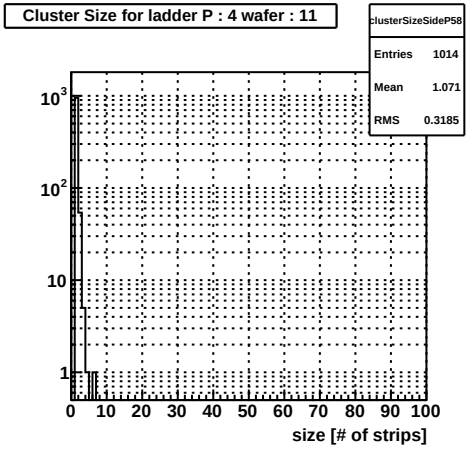

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 2921
Mean 1.124
RMS 0.4344
size [# of strips]

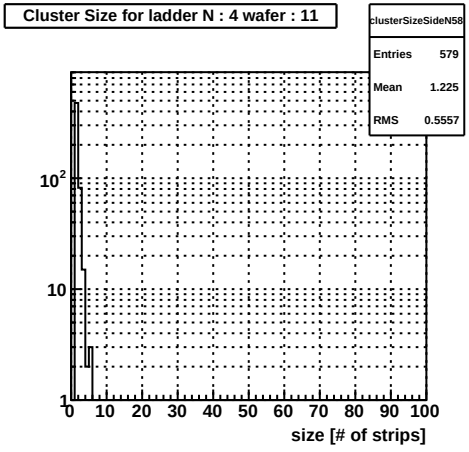

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 28522
Mean 1.222
RMS 0.6053
size [# of strips]

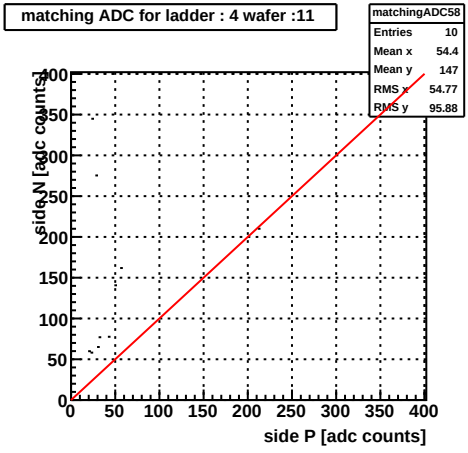

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 111
Mean x 26.51
Mean y 20.23
RMS x 9.795
RMS y 4.143
side N [adc counts]
side P [adc counts]

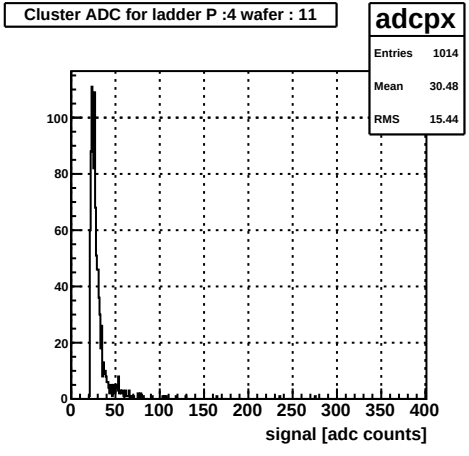

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 2921
Mean 29.02
RMS 11.47
signal [adc counts]

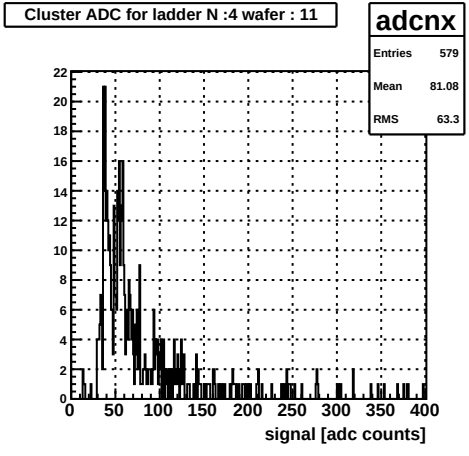

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 28522
Mean 25.1
RMS 14.71
signal [adc counts]

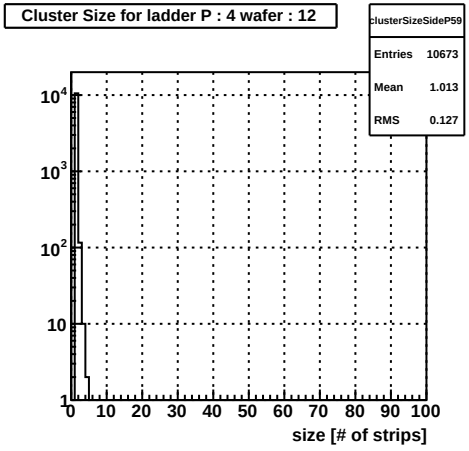

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1014
Mean 1.071
RMS 0.3185
size [# of strips]

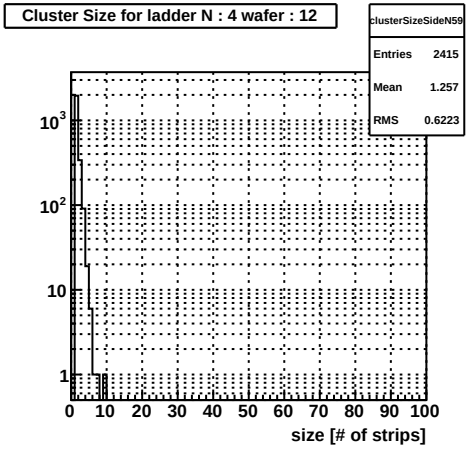

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 579
Mean 1.225
RMS 0.5557
size [# of strips]

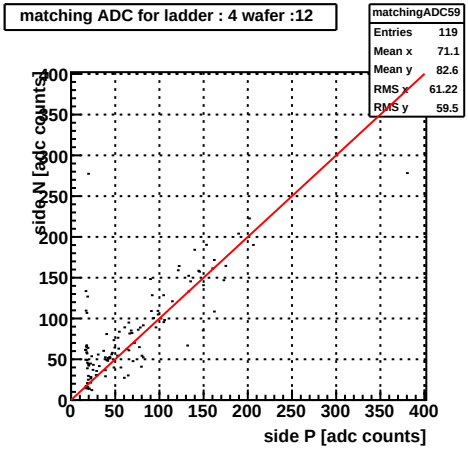

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 10
Mean x 54.4
Mean y 147
RMS x 54.77
RMS y 95.88
side N [adc counts]
side P [adc counts]

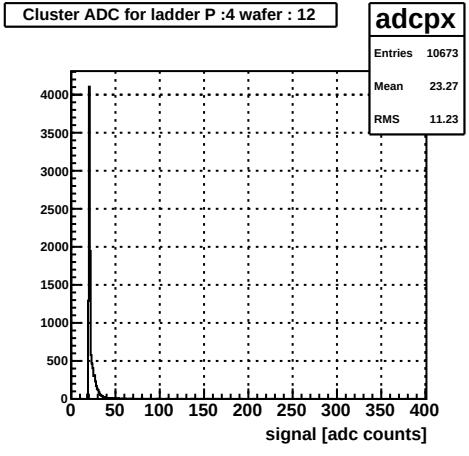

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1014
Mean 30.48
RMS 15.44
signal [adc counts]

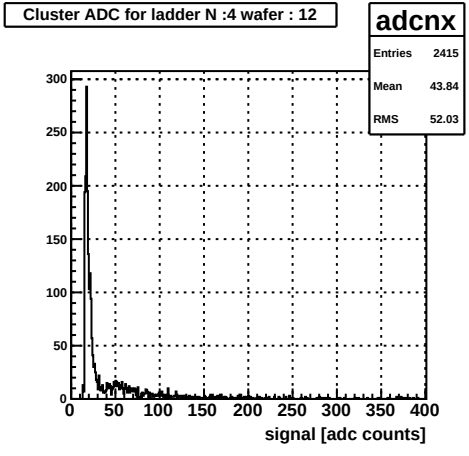

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 579
Mean 81.08
RMS 63.3
signal [adc counts]

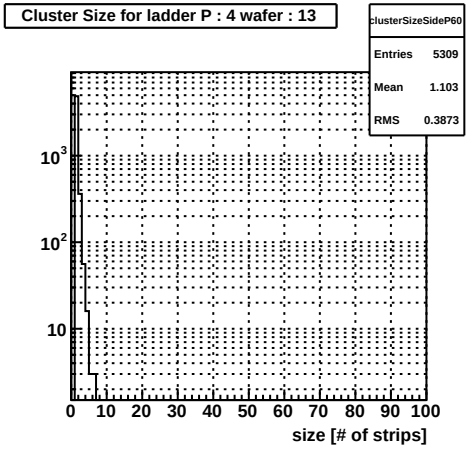

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10673
Mean 1.013
RMS 0.127
size [# of strips]

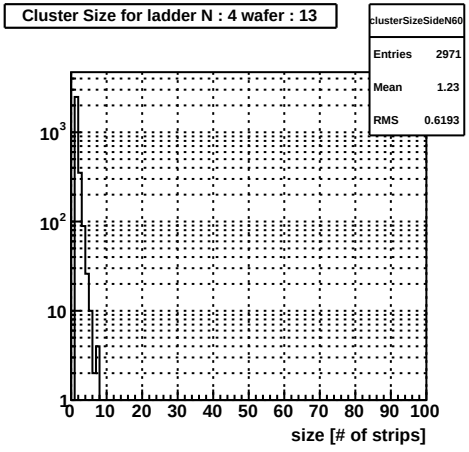

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2415
Mean 1.257
RMS 0.6223
size [# of strips]

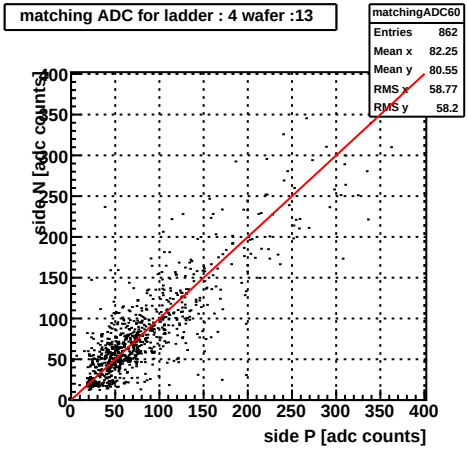

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 119
Mean x 71.1
Mean y 82.6
RMS x 61.22
RMS y 59.5
side N [adc counts]
side P [adc counts]

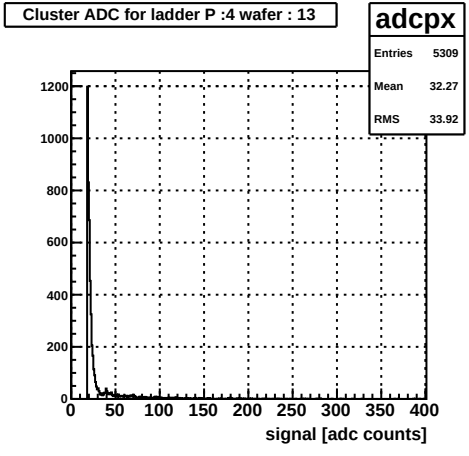

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10673
Mean 23.27
RMS 11.23
signal [adc counts]

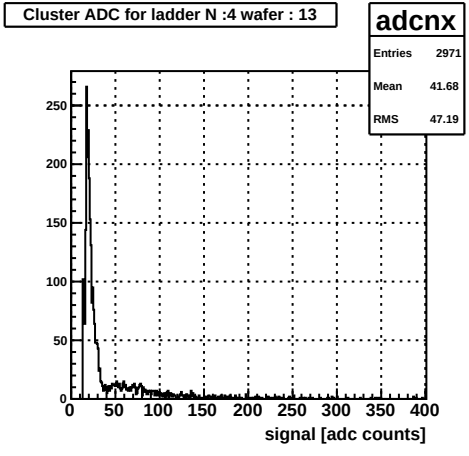

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2415
Mean 43.84
RMS 52.03
signal [adc counts]

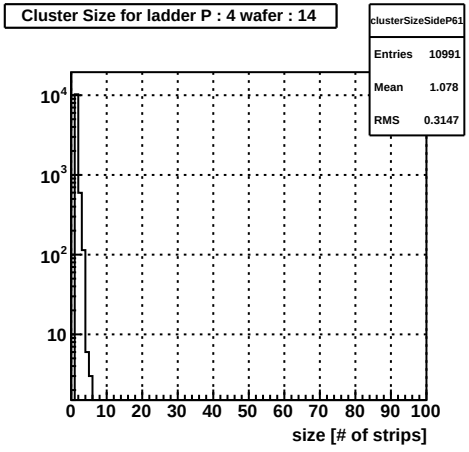

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 5309
Mean 1.103
RMS 0.3873
size [# of strips]

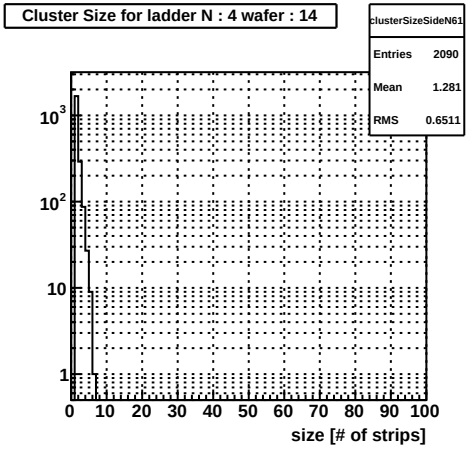

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2971
Mean 1.23
RMS 0.6193
size [# of strips]

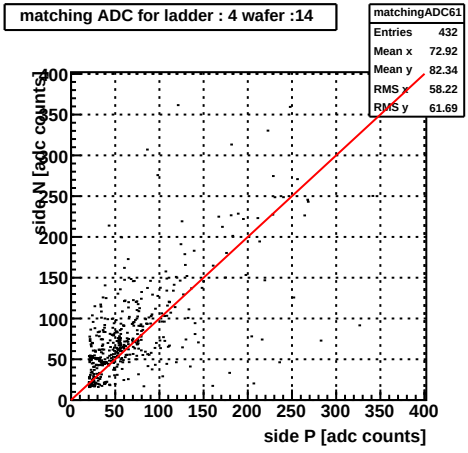

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 862
Mean x 82.25
Mean y 80.55
RMS x 58.77
RMS y 58.2
side N [adc counts]
side P [adc counts]

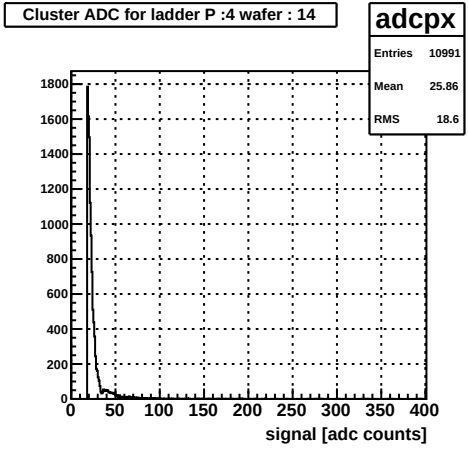

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 5309
Mean 32.27
RMS 33.92
signal [adc counts]

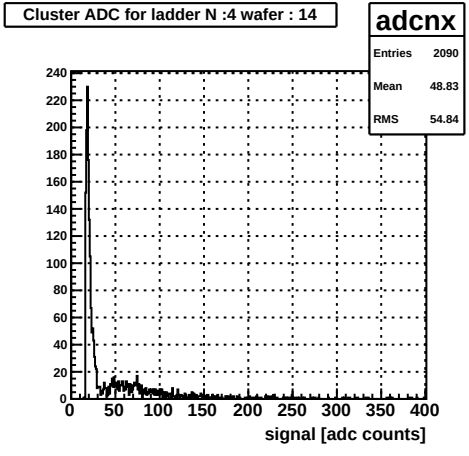

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2971
Mean 41.68
RMS 47.19
signal [adc counts]

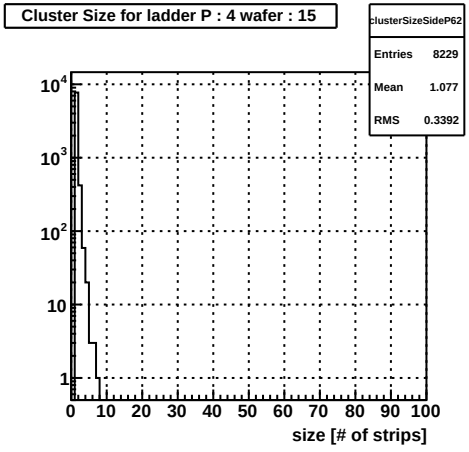

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 10991
Mean 1.078
RMS 0.3147
size [# of strips]

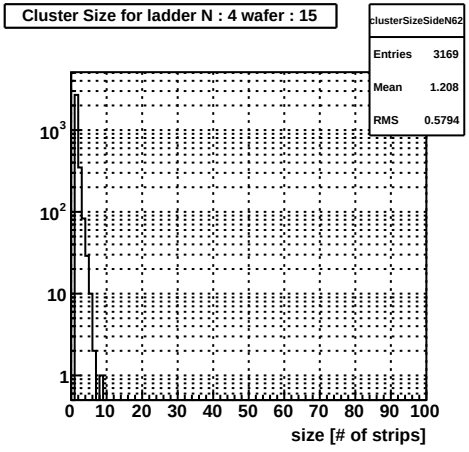

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2090
Mean 1.281
RMS 0.6511
size [# of strips]

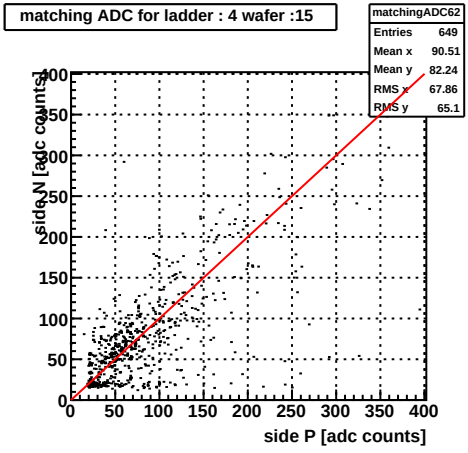

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 432
Mean x 72.92
Mean y 82.34
RMS x 58.22
RMS y 61.69
side N [adc counts]
side P [adc counts]

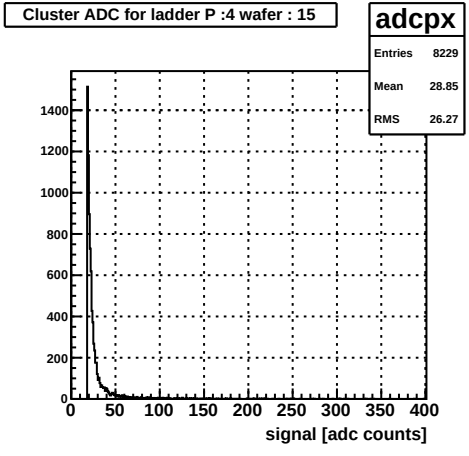

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 10991
Mean 25.86
RMS 18.6
signal [adc counts]

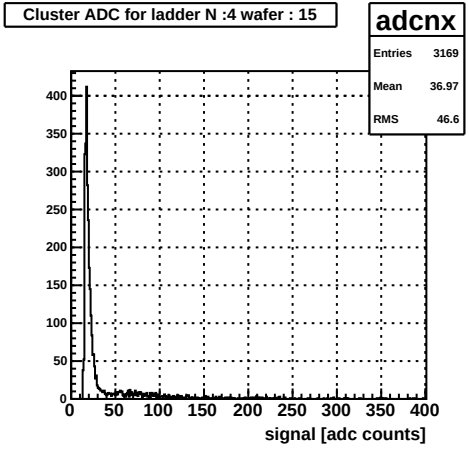

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2090
Mean 48.83
RMS 54.84
signal [adc counts]

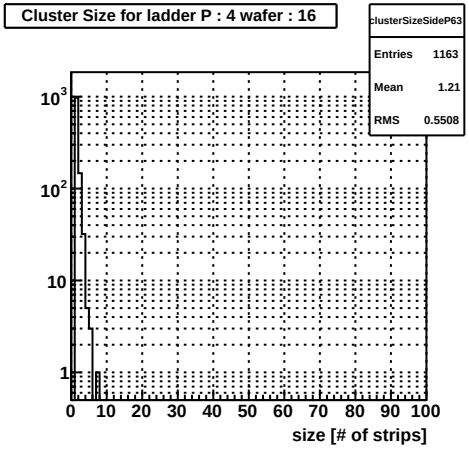

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 8229
Mean 1.077
RMS 0.3392
size [# of strips]

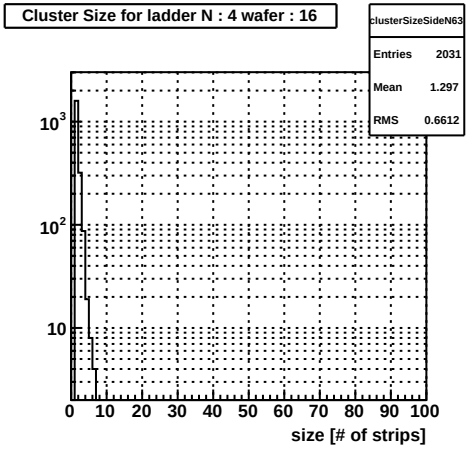

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3169
Mean 1.208
RMS 0.5794
size [# of strips]

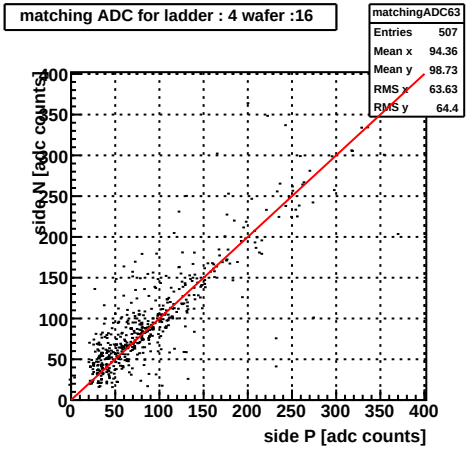

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 649
Mean x 90.51
Mean y 82.24
RMS x 67.86
RMS y 65.1
side N [adc counts]
side P [adc counts]

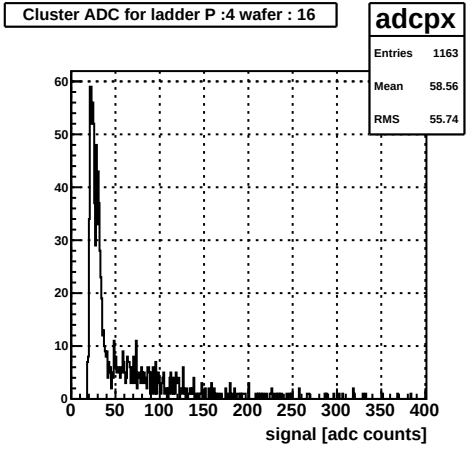

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 8229
Mean 28.85
RMS 26.27
signal [adc counts]

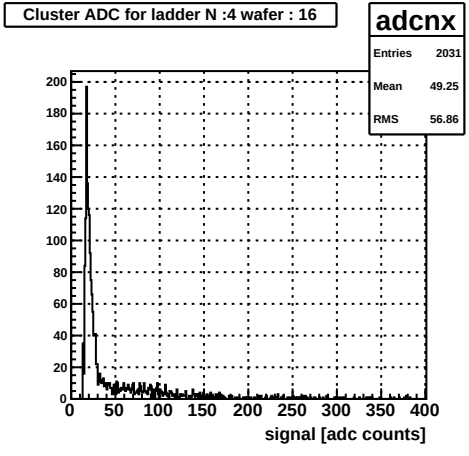

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3169
Mean 36.97
RMS 46.6
signal [adc counts]

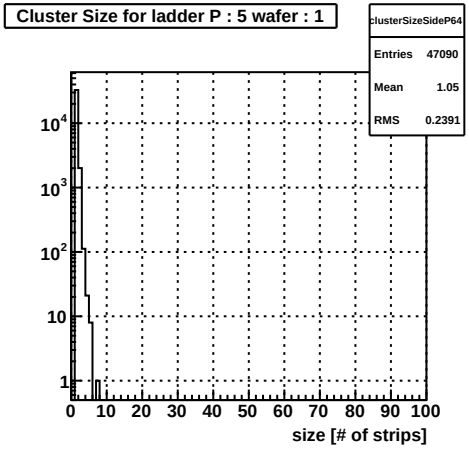

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1163
Mean 1.21
RMS 0.5508
size [# of strips]

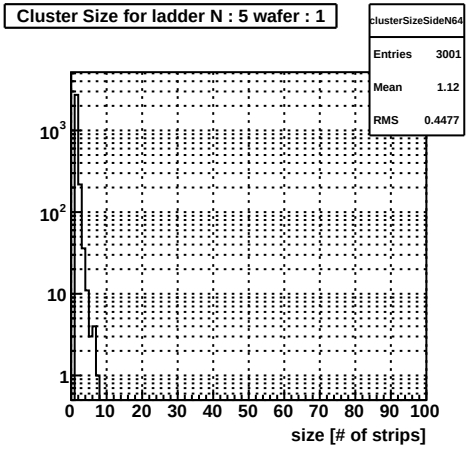

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2031
Mean 1.297
RMS 0.6612
size [# of strips]

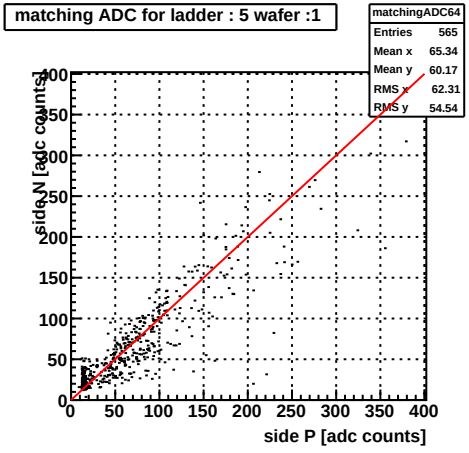

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 507
Mean x 94.36
Mean y 98.73
RMS x 63.63
RMS y 64.4
side N [adc counts]
side P [adc counts]

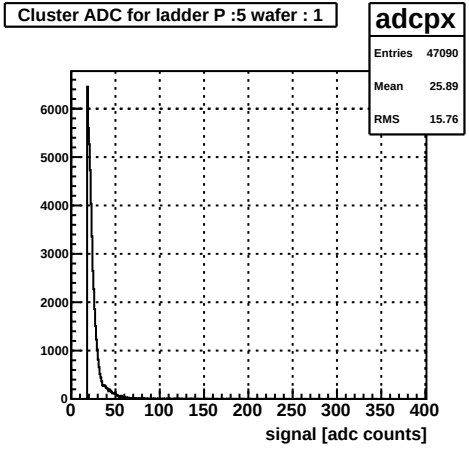

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1163
Mean 58.56
RMS 55.74
signal [adc counts]

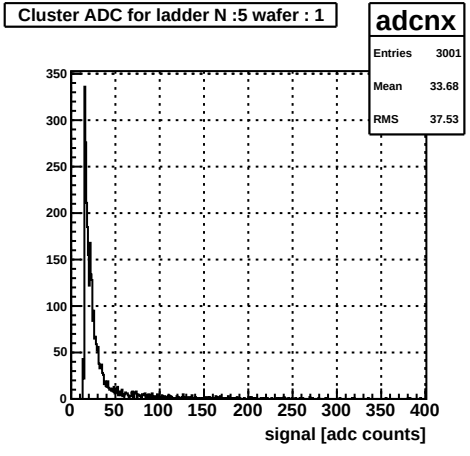

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2031
Mean 49.25
RMS 56.86
signal [adc counts]

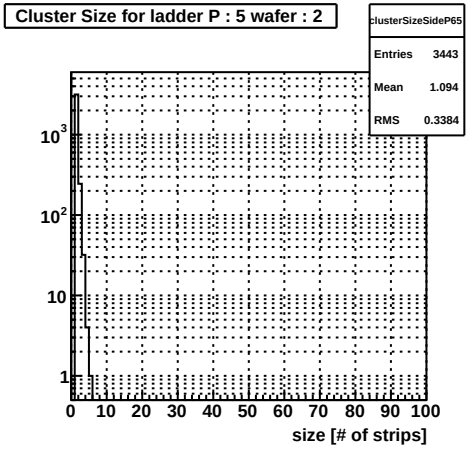

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 47090
Mean 1.05
RMS 0.2391
size [# of strips]

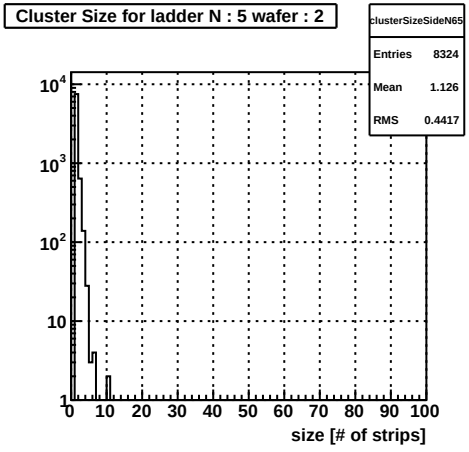

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 3001
Mean 1.12
RMS 0.4477
size [# of strips]

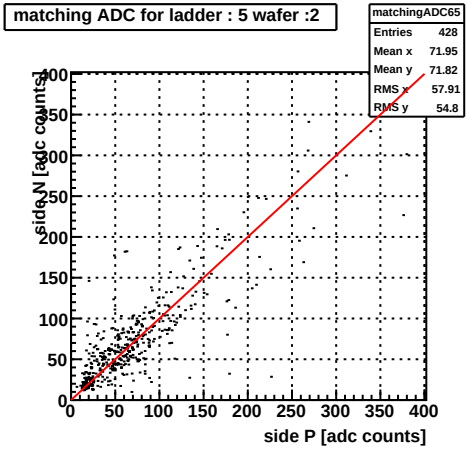

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 565
Mean x 65.34
Mean y 60.17
RMS x 62.31
RMS y 54.54
side N [adc counts]
side P [adc counts]

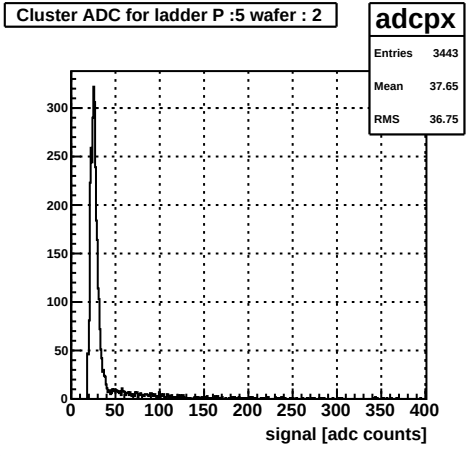

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 47090
Mean 25.89
RMS 15.76
signal [adc counts]

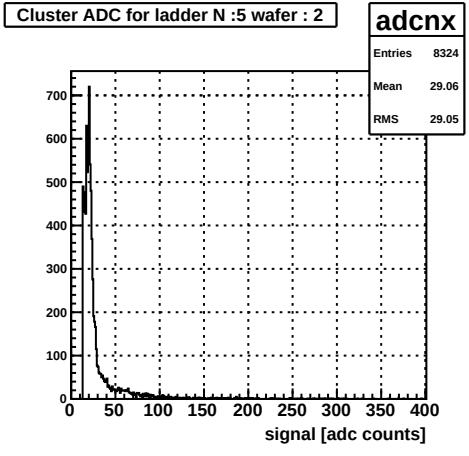

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 3001
Mean 33.68
RMS 37.53
signal [adc counts]

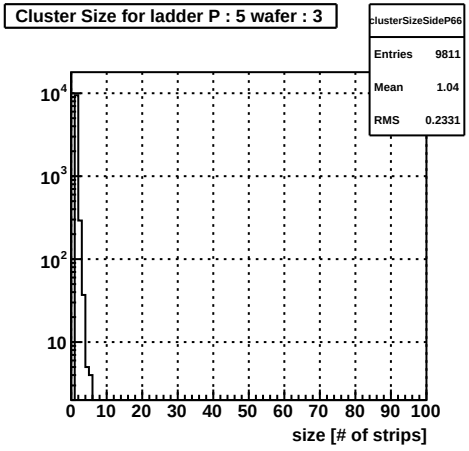

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 3443
Mean 1.094
RMS 0.3384
size [# of strips]

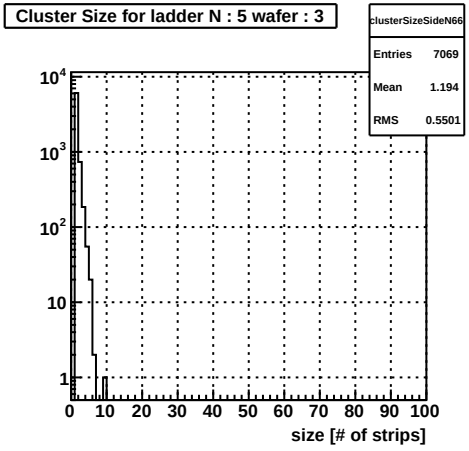

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 8324
Mean 1.126
RMS 0.4417
size [# of strips]

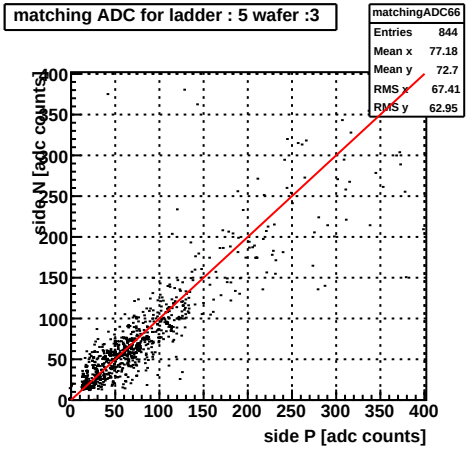

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 428
Mean x 71.95
Mean y 71.82
RMS x 57.91
RMS y 54.8
side N [adc counts]
side P [adc counts]

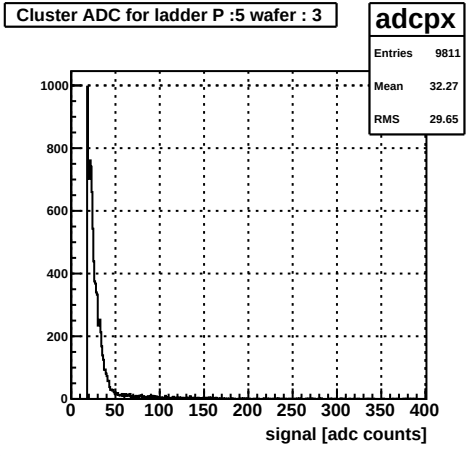

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 3443
Mean 37.65
RMS 36.75
signal [adc counts]

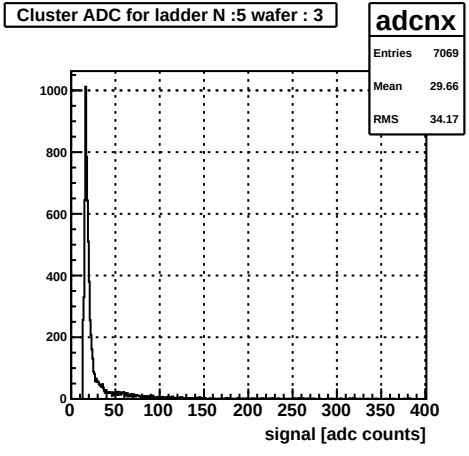

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 8324
Mean 29.06
RMS 29.05
signal [adc counts]

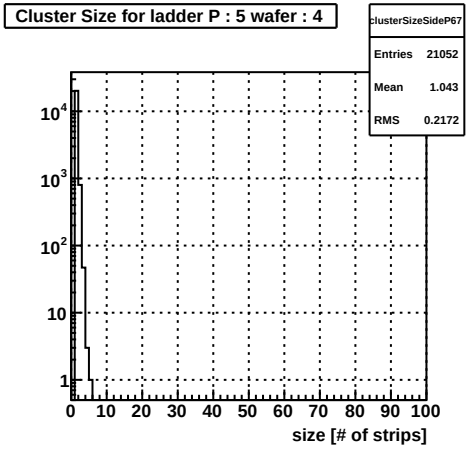

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 9811
Mean 1.04
RMS 0.2331
size [# of strips]

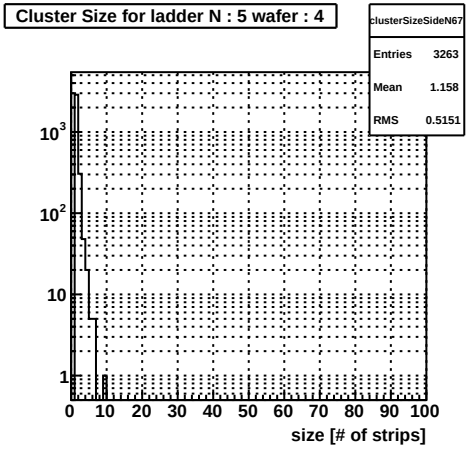

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7069
Mean 1.194
RMS 0.5501
size [# of strips]

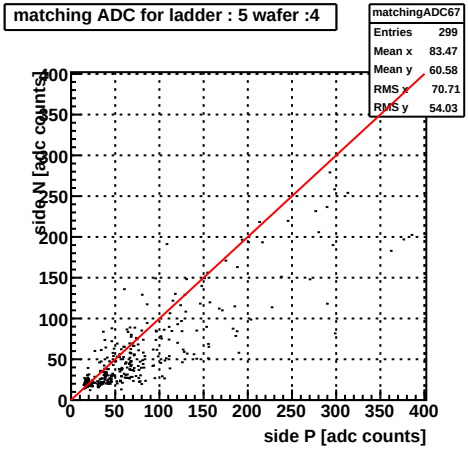

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 844
Mean x 77.18
Mean y 72.7
RMS x 67.41
RMS y 62.95
side N [adc counts]
side P [adc counts]

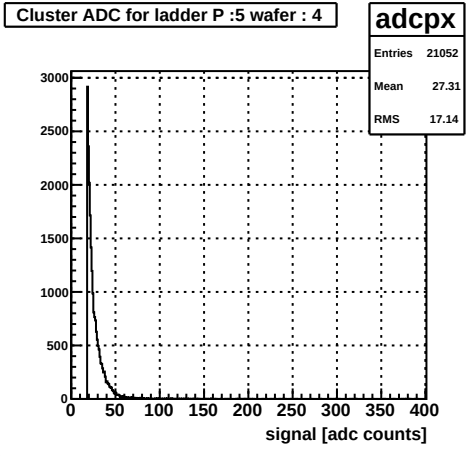

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 9811
Mean 32.27
RMS 29.65
signal [adc counts]

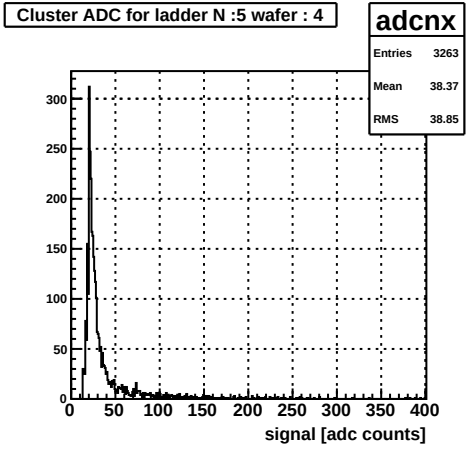

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7069
Mean 29.66
RMS 34.17
signal [adc counts]

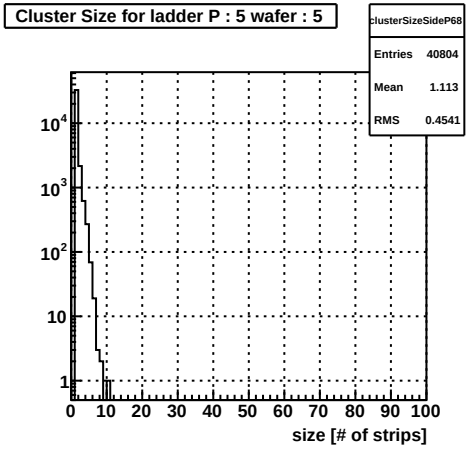

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 21052
Mean 1.043
RMS 0.2172
size [# of strips]

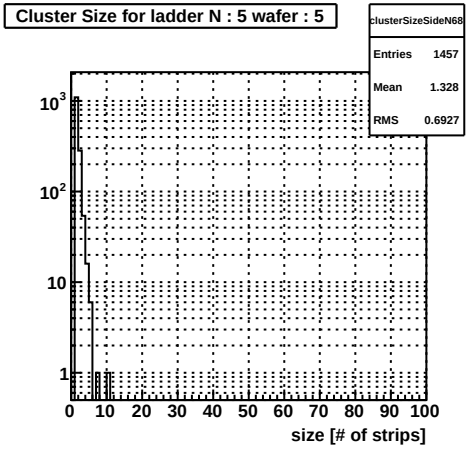

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 3263
Mean 1.158
RMS 0.5151
size [# of strips]

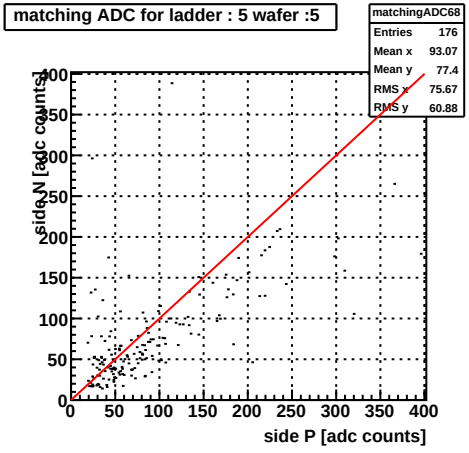

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 299
Mean x 83.47
Mean y 60.58
RMS x 70.71
RMS y 54.03
side N [adc counts]
side P [adc counts]

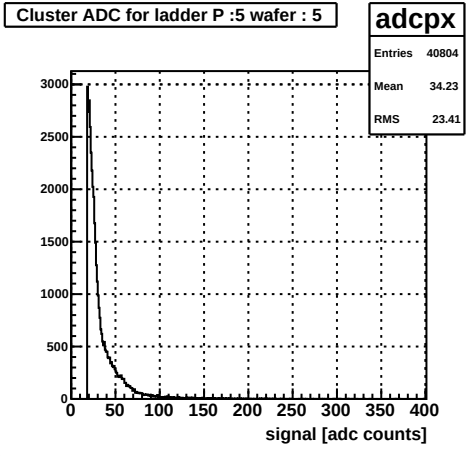

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 21052
Mean 27.31
RMS 17.14
signal [adc counts]

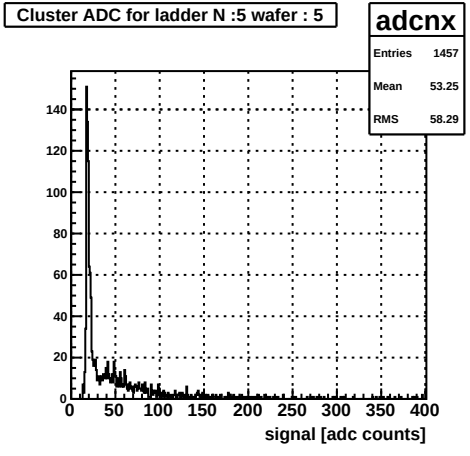

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 3263
Mean 38.37
RMS 38.85
signal [adc counts]

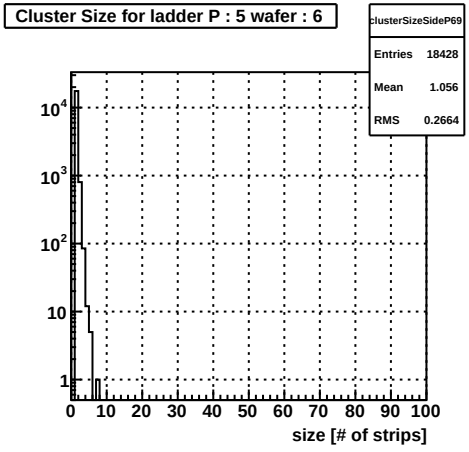

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 40804
Mean 1.113
RMS 0.4541
size [# of strips]

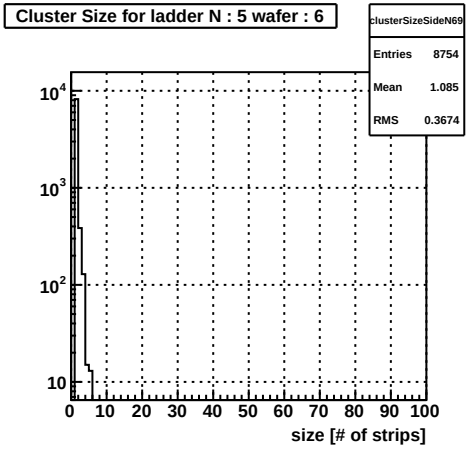

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1457
Mean 1.328
RMS 0.6927
size [# of strips]

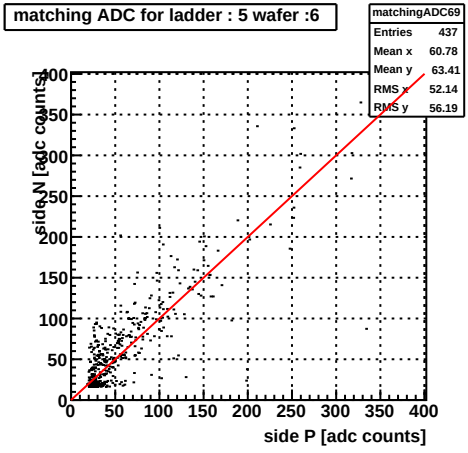

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 176
Mean x 93.07
Mean y 77.4
RMS x 75.67
RMS y 60.88
side N [adc counts]
side P [adc counts]

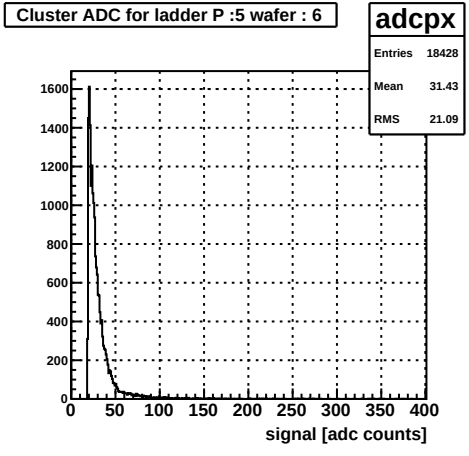

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 40804
Mean 34.23
RMS 23.41
signal [adc counts]

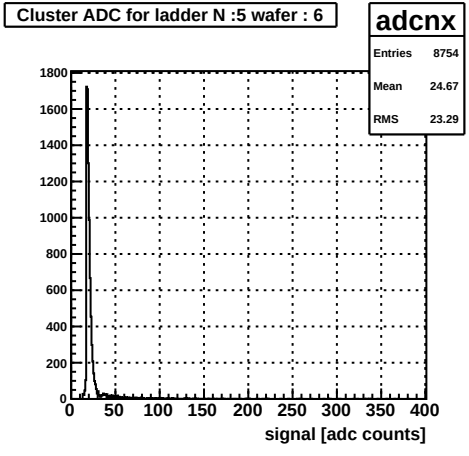

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1457
Mean 53.25
RMS 58.29
signal [adc counts]

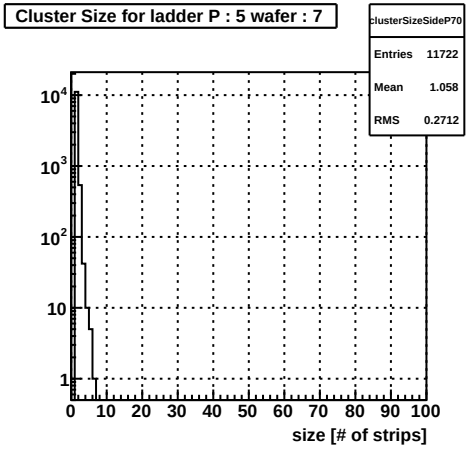

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 18428
Mean 1.056
RMS 0.2664
size [# of strips]

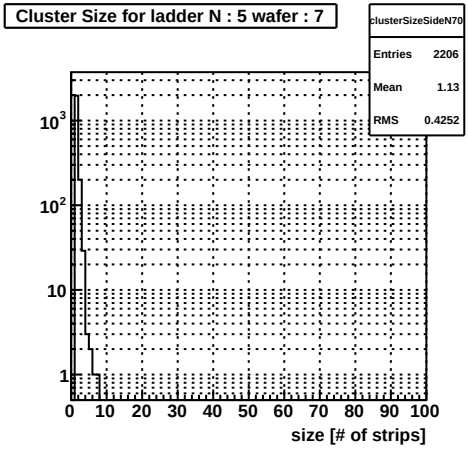

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 8754
Mean 1.085
RMS 0.3674
size [# of strips]

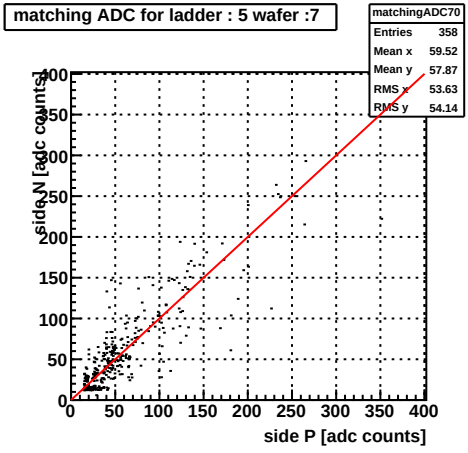

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 437
Mean x 60.78
Mean y 63.41
RMS x 52.14
RMS y 56.19
side N [adc counts]
side P [adc counts]

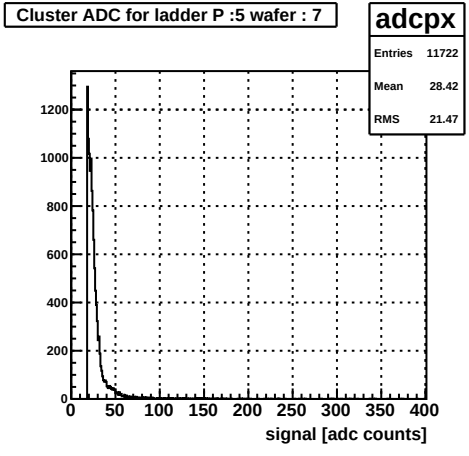

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 18428
Mean 31.43
RMS 21.09
signal [adc counts]

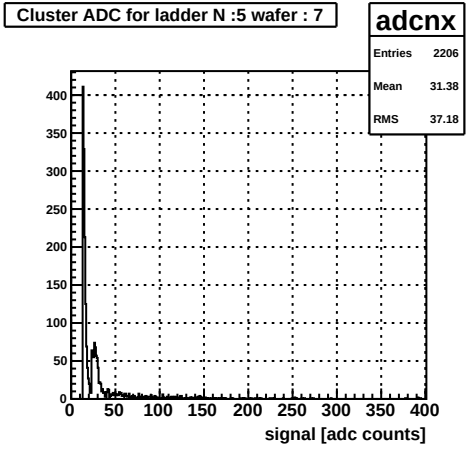

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 8754
Mean 24.67
RMS 23.29
signal [adc counts]

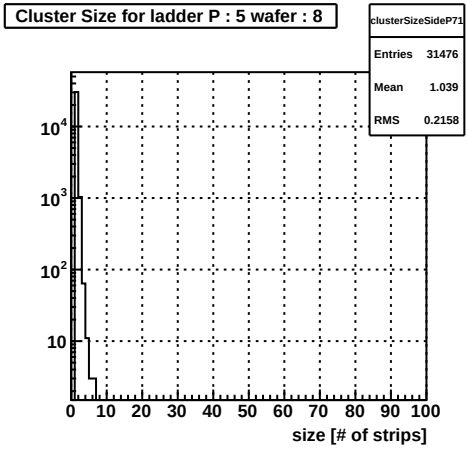

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 11722
Mean 1.058
RMS 0.2712
size [# of strips]

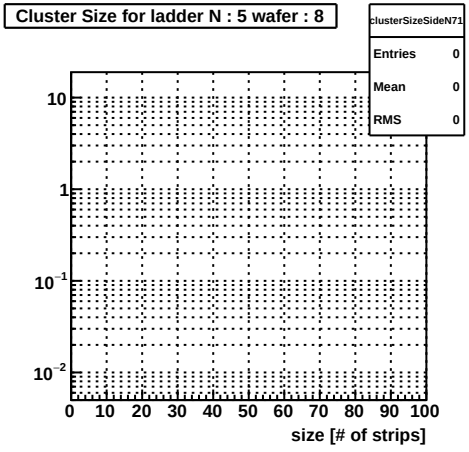

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 2206
Mean 1.13
RMS 0.4252
size [# of strips]

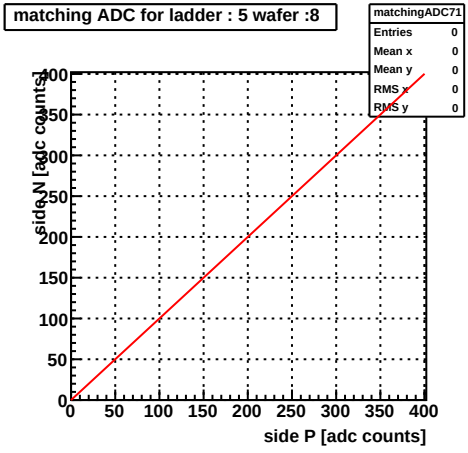

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 358
Mean x 59.52
Mean y 57.87
RMS x 53.63
RMS y 54.14
side N [adc counts]
side P [adc counts]

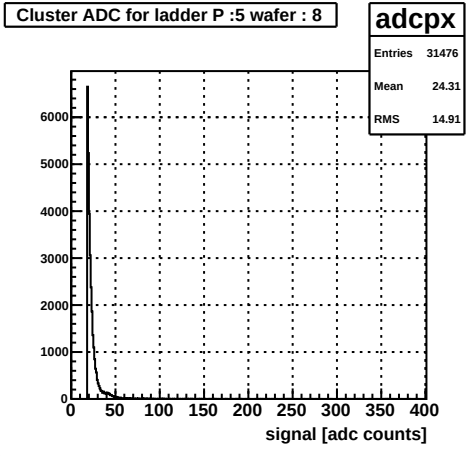

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 11722
Mean 28.42
RMS 21.47
signal [adc counts]

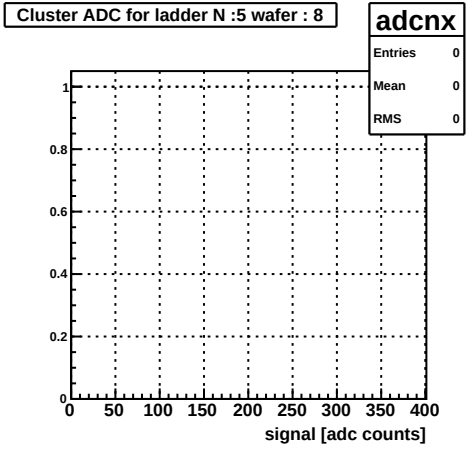

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 2206
Mean 31.38
RMS 37.18
signal [adc counts]

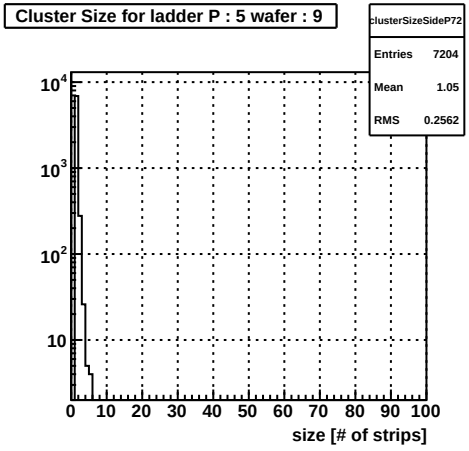

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 31476
Mean 1.039
RMS 0.2158
size [# of strips]

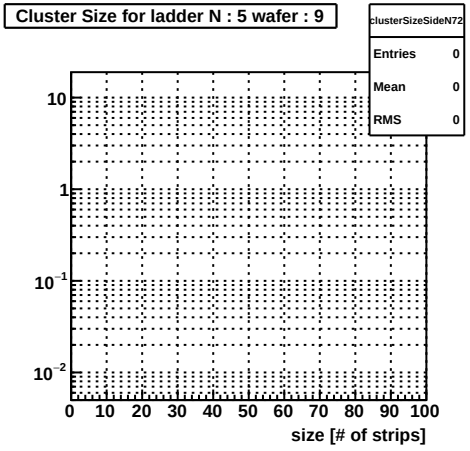

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

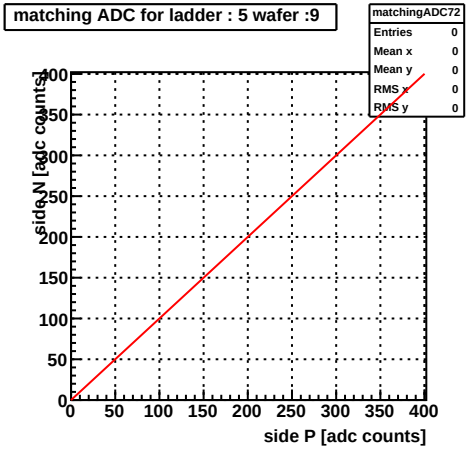

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

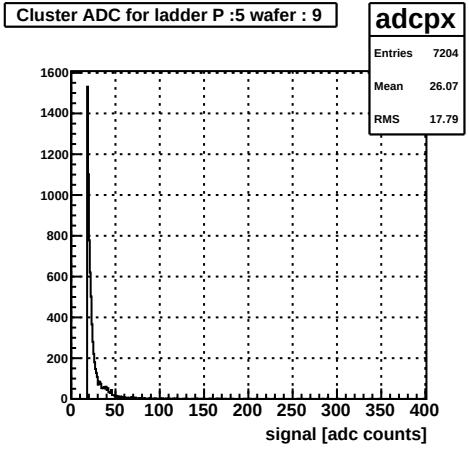

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 31476
Mean 24.31
RMS 14.91
signal [adc counts]

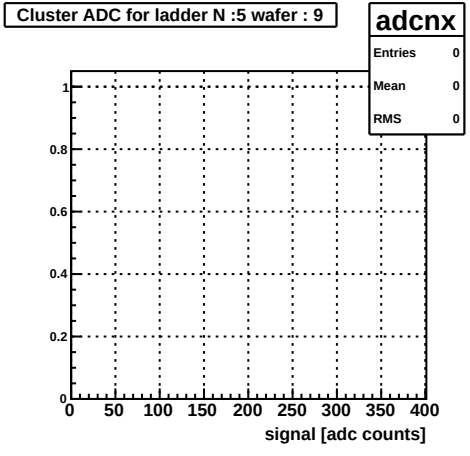

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

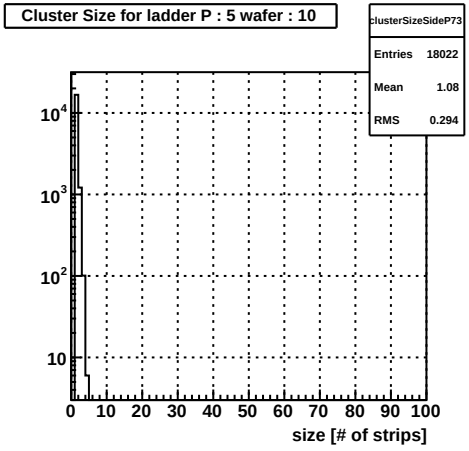

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 7204
Mean 1.05
RMS 0.2562
size [# of strips]

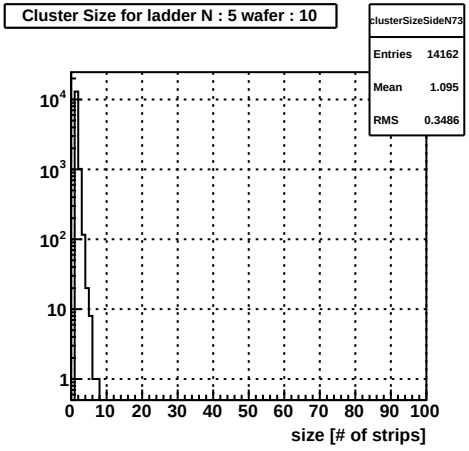

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

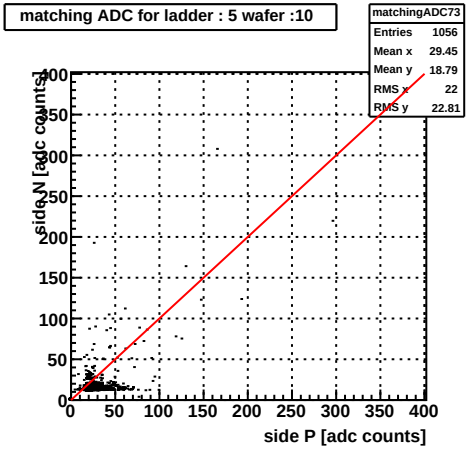

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

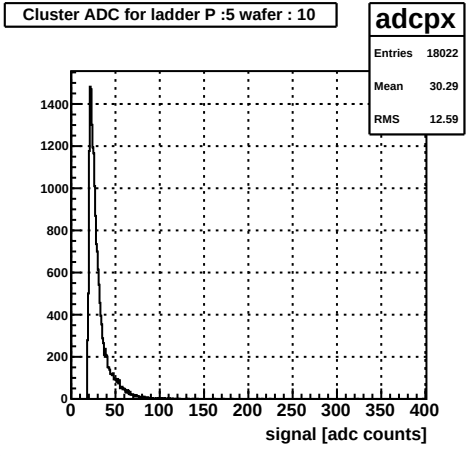

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 7204
Mean 26.07
RMS 17.79
signal [adc counts]

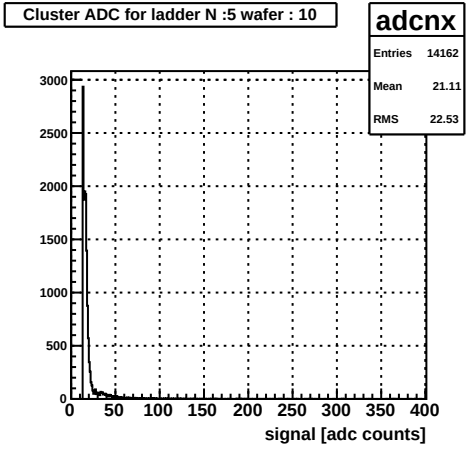

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

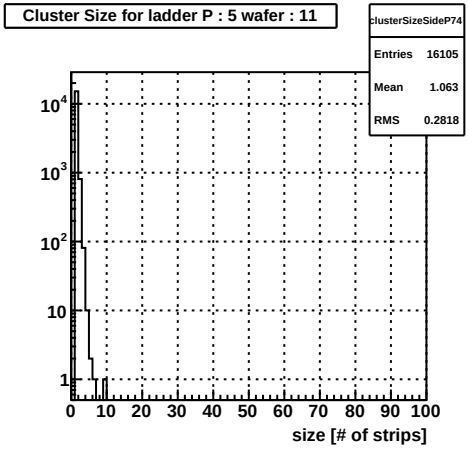

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 18022
Mean 1.08
RMS 0.294
size [# of strips]

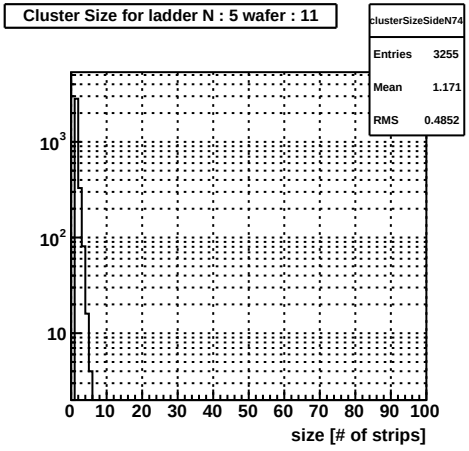

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 14162
Mean 1.095
RMS 0.3486
size [# of strips]

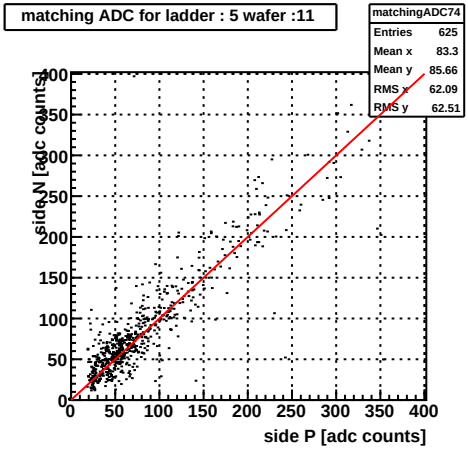

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1056
Mean x 29.45
Mean y 18.79
RMS x 22
RMS y 22.81
side N [adc counts]
side P [adc counts]

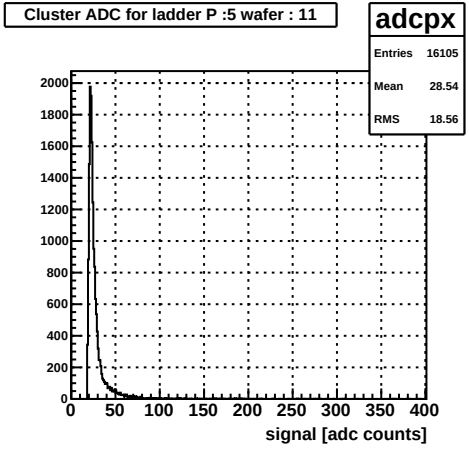

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 18022
Mean 30.29
RMS 12.59
signal [adc counts]

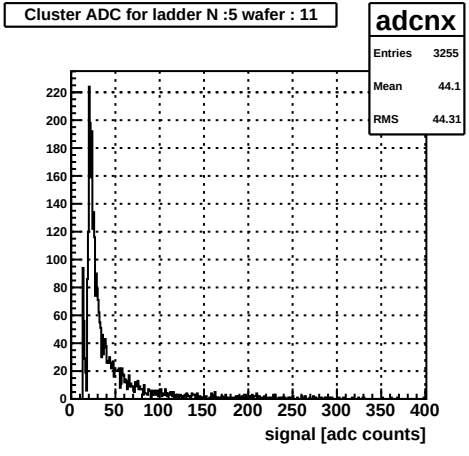

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 14162
Mean 21.11
RMS 22.53
signal [adc counts]

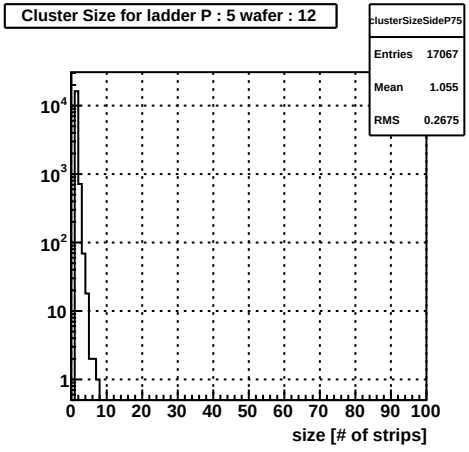

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 16105
Mean 1.063
RMS 0.2818
size [# of strips]

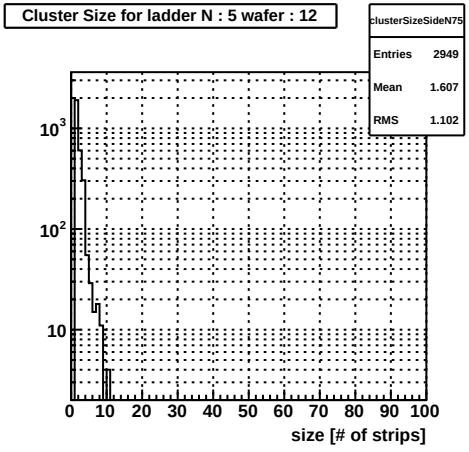

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3255
Mean 1.171
RMS 0.4852
size [# of strips]

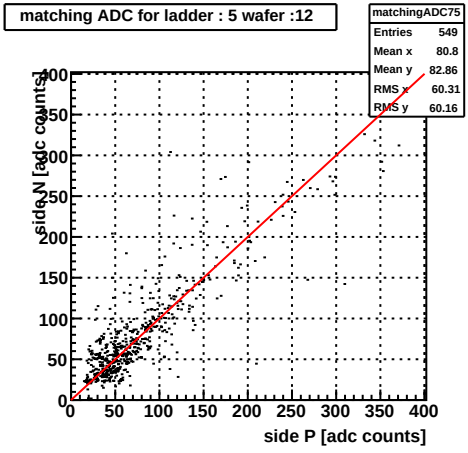

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 625
Mean x 83.3
Mean y 85.66
RMS x 62.09
RMS y 62.51
side N [adc counts]
side P [adc counts]

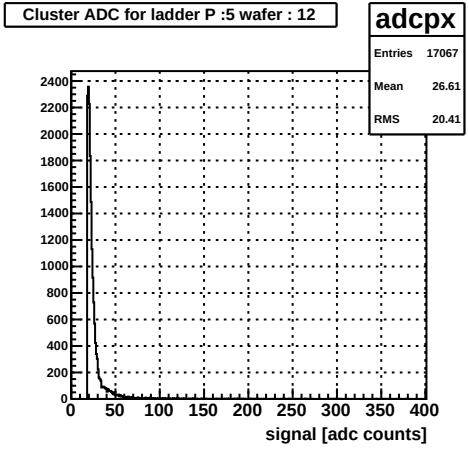

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 16105
Mean 28.54
RMS 18.56
signal [adc counts]

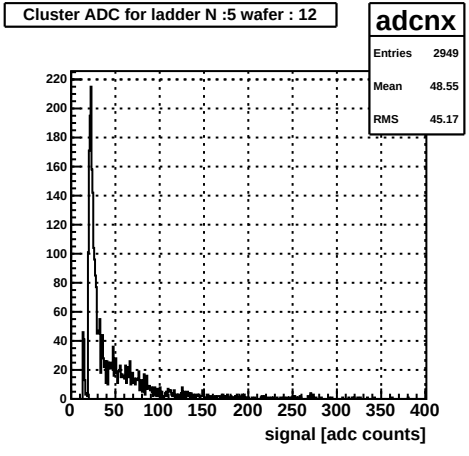

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3255
Mean 44.1
RMS 44.31
signal [adc counts]

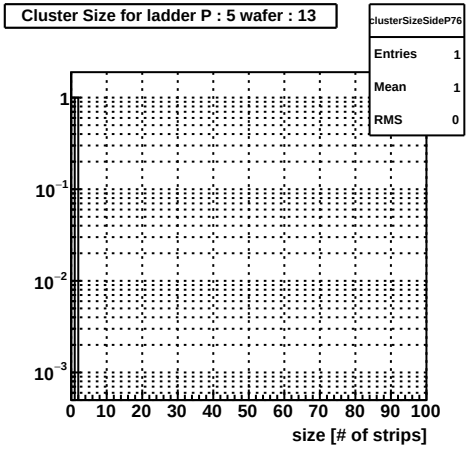

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 17067
Mean 1.055
RMS 0.2675
size [# of strips]

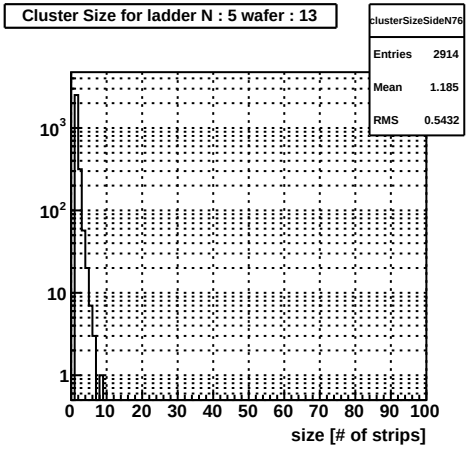

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2949
Mean 1.607
RMS 1.102
size [# of strips]

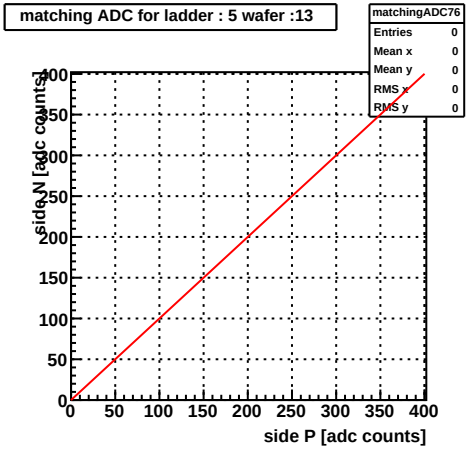

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 549
Mean x 80.8
Mean y 82.86
RMS x 60.31
RMS y 60.16
side N [adc counts]
side P [adc counts]

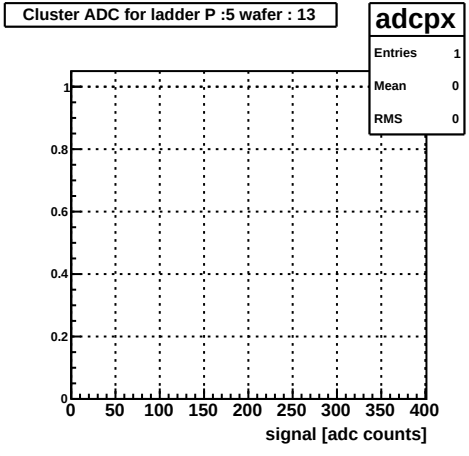

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 17067
Mean 26.61
RMS 20.41
signal [adc counts]

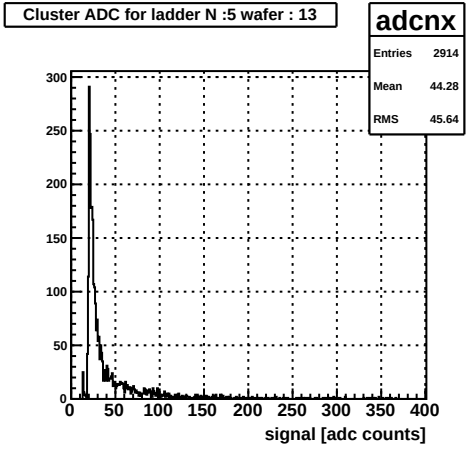

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2949
Mean 48.55
RMS 45.17
signal [adc counts]

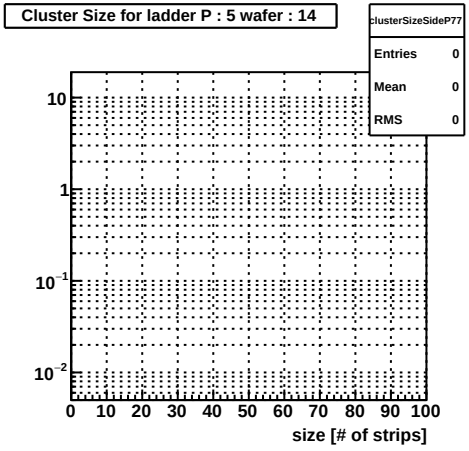

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

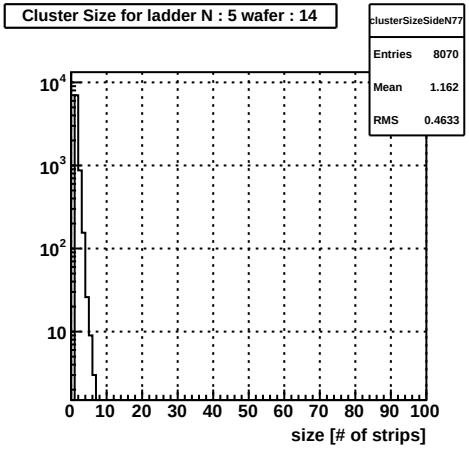

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2914
Mean 1.185
RMS 0.5432
size [# of strips]

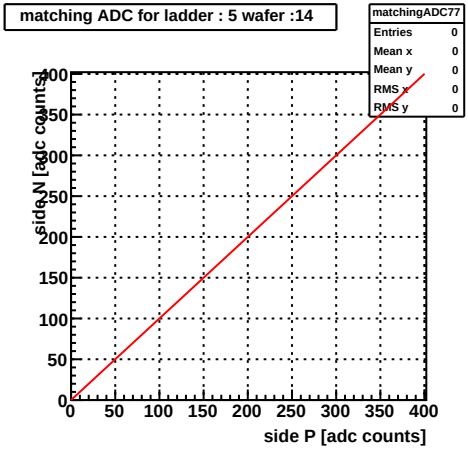

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

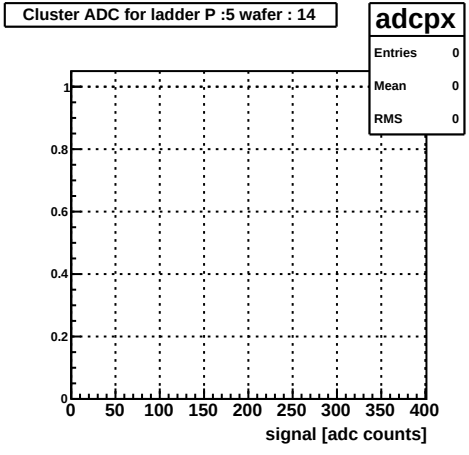

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

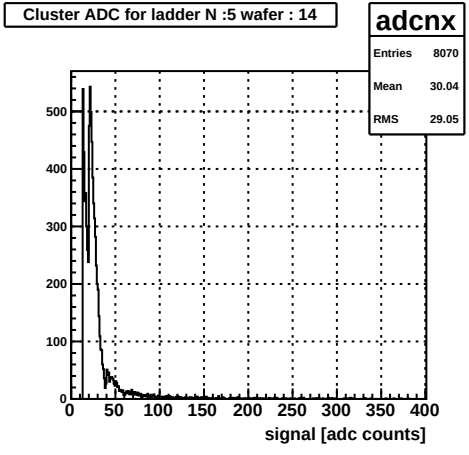

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2914
Mean 44.28
RMS 45.64
signal [adc counts]

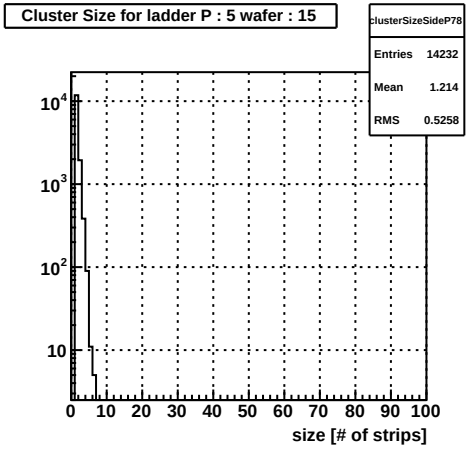

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

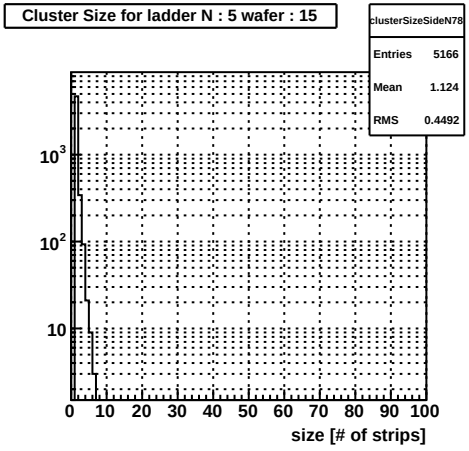

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 8070
Mean 1.162
RMS 0.4633
size [# of strips]

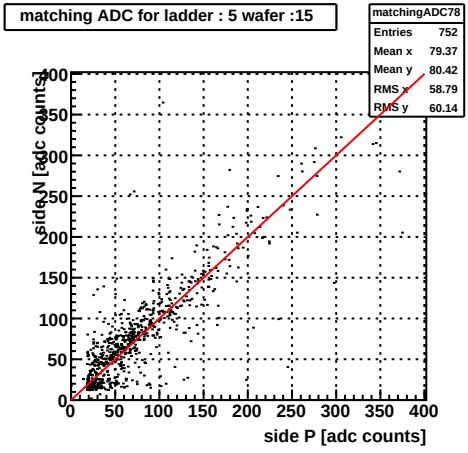

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

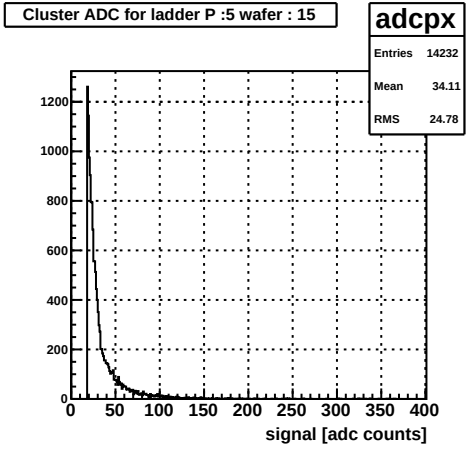

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

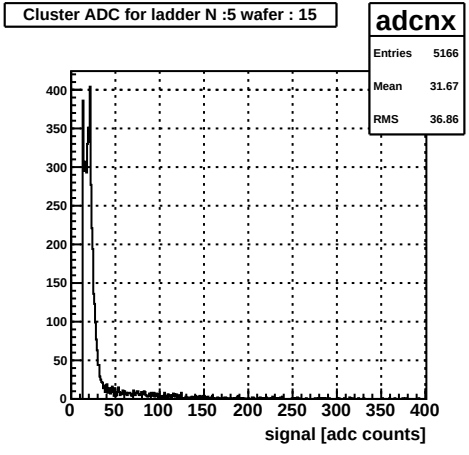

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 8070
Mean 30.04
RMS 29.05
signal [adc counts]

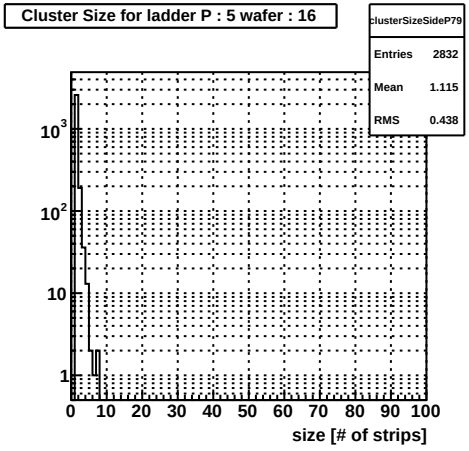

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 14232
Mean 1.214
RMS 0.5258
size [# of strips]

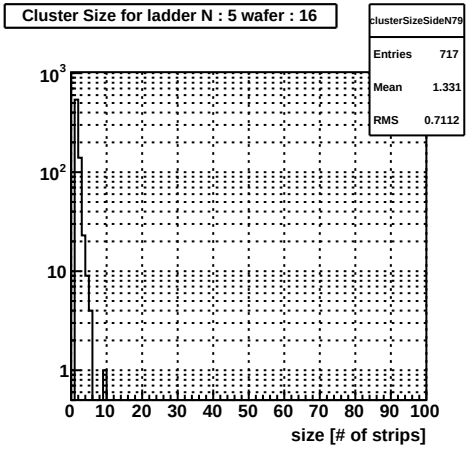

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 5166
Mean 1.124
RMS 0.4492
size [# of strips]

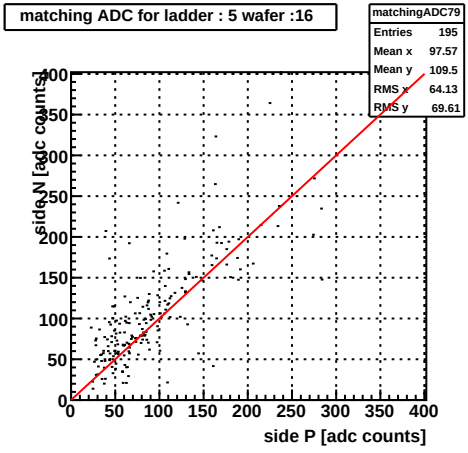

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 752
Mean x 79.37
Mean y 80.42
RMS x 58.79
RMS y 60.14
side N [adc counts]
side P [adc counts]

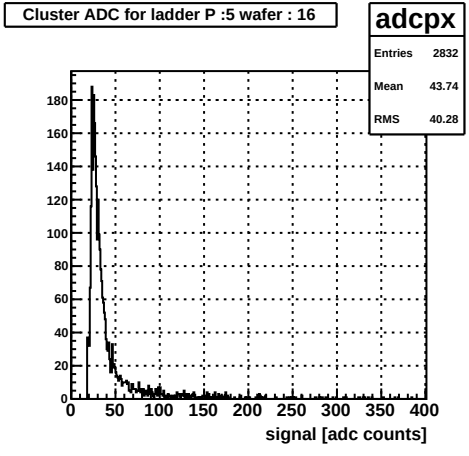

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 14232
Mean 34.11
RMS 24.78
signal [adc counts]

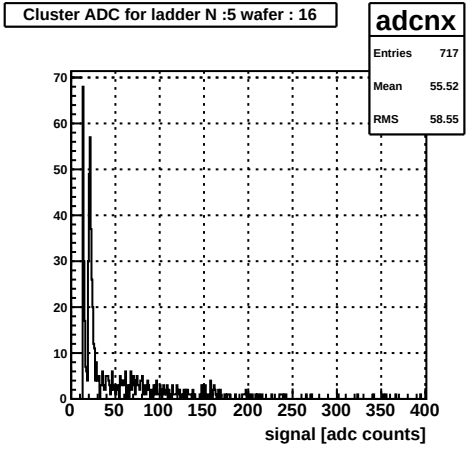

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 5166
Mean 31.67
RMS 36.86
signal [adc counts]

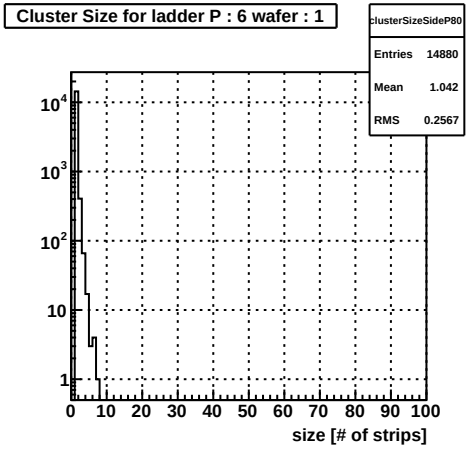

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2832
Mean 1.115
RMS 0.438
size [# of strips]

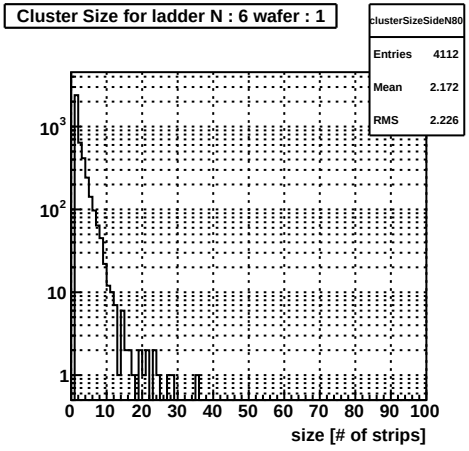

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 717
Mean 1.331
RMS 0.7112
size [# of strips]

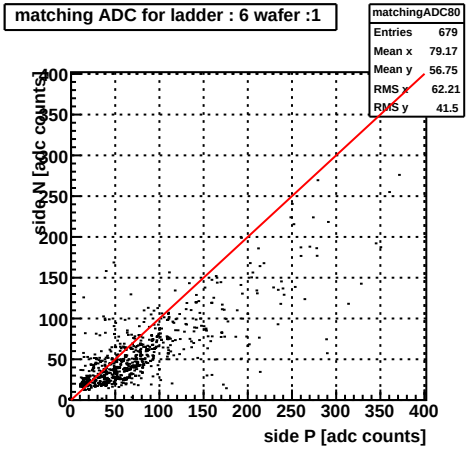

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 195
Mean x 97.57
Mean y 109.5
RMS x 64.13
RMS y 69.61
side N [adc counts]
side P [adc counts]

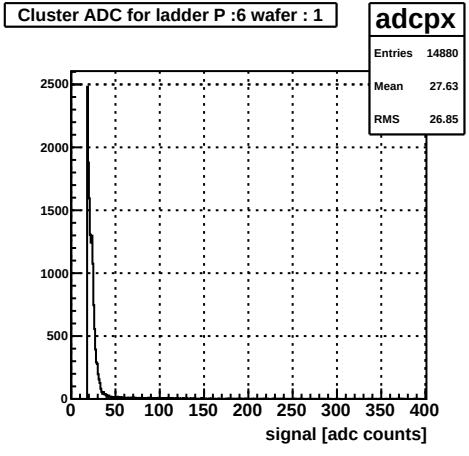

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2832
Mean 43.74
RMS 40.28
signal [adc counts]

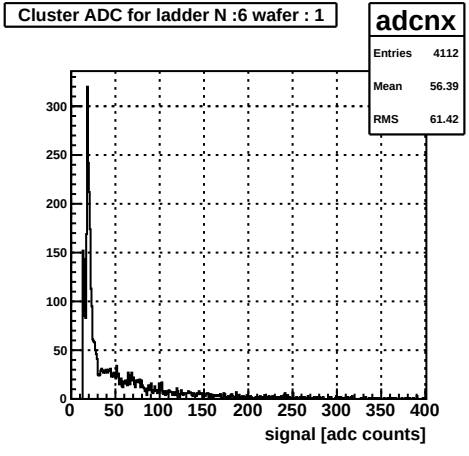

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 717
Mean 55.52
RMS 58.55
signal [adc counts]

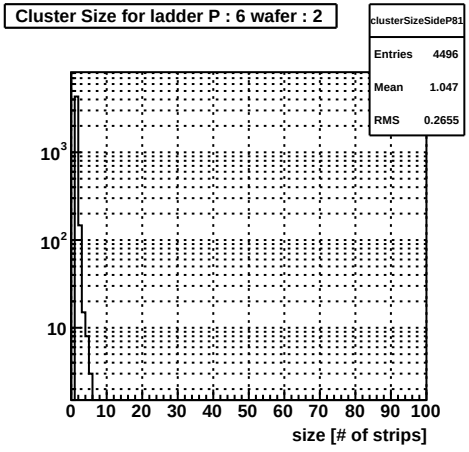

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 14880
Mean 1.042
RMS 0.2567
size [# of strips]

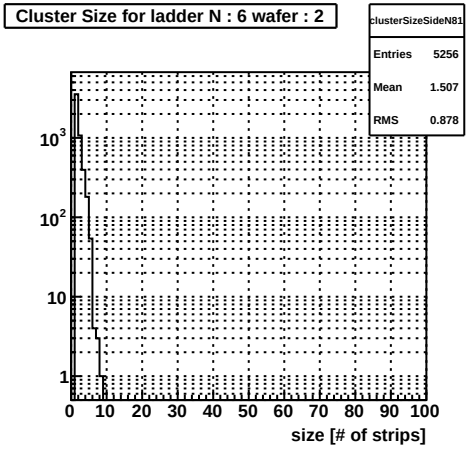

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4112
Mean 2.172
RMS 2.226
size [# of strips]

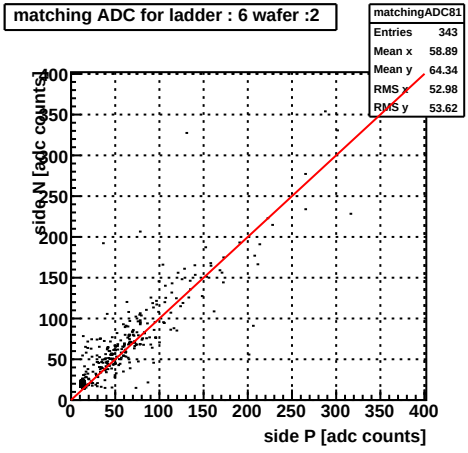

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 679
Mean x 79.17
Mean y 56.75
RMS x 62.21
RMS y 41.5
side N [adc counts]
side P [adc counts]

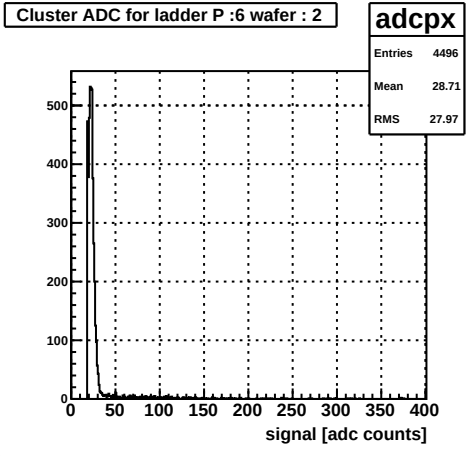

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 14880
Mean 27.63
RMS 26.85
signal [adc counts]

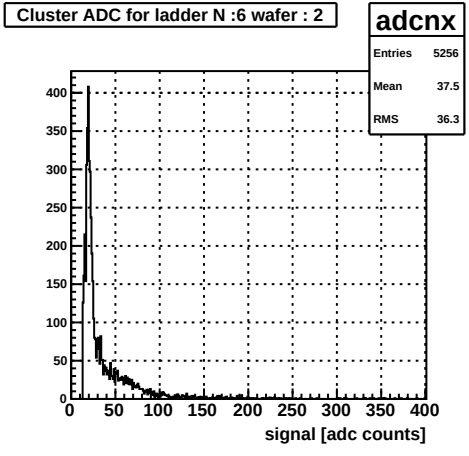

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4112
Mean 56.39
RMS 61.42
signal [adc counts]

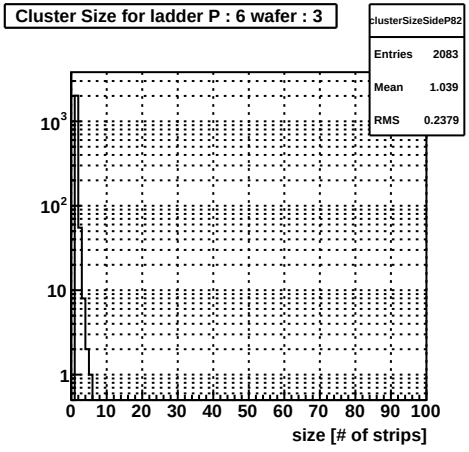

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4496
Mean 1.047
RMS 0.2655
size [# of strips]

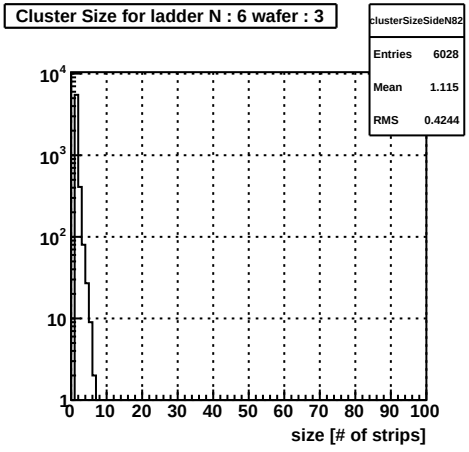

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 5256
Mean 1.507
RMS 0.878
size [# of strips]

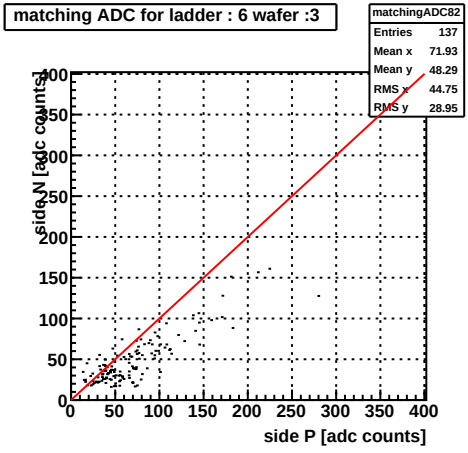

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 343
Mean x 58.89
Mean y 64.34
RMS x 52.98
RMS y 53.62
side N [adc counts]
side P [adc counts]

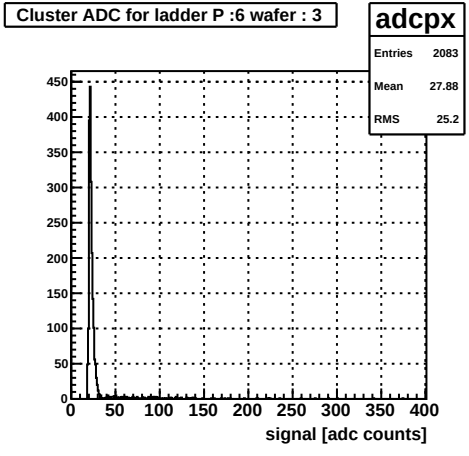

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4496
Mean 28.71
RMS 27.97
signal [adc counts]

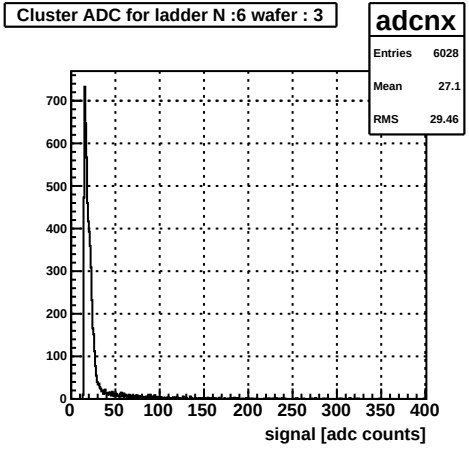

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 5256
Mean 37.5
RMS 36.3
signal [adc counts]

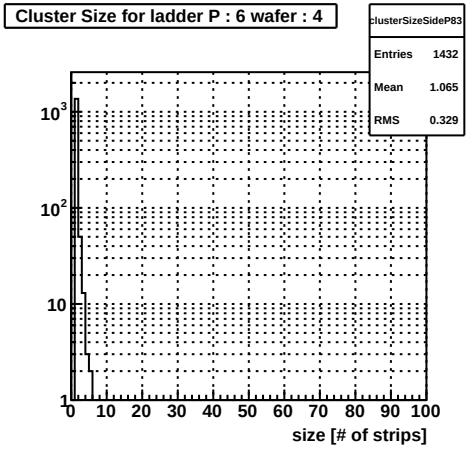

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2083
Mean 1.039
RMS 0.2379
size [# of strips]

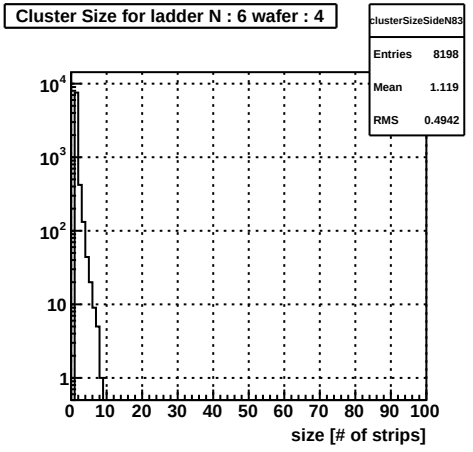

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 6028
Mean 1.115
RMS 0.4244
size [# of strips]

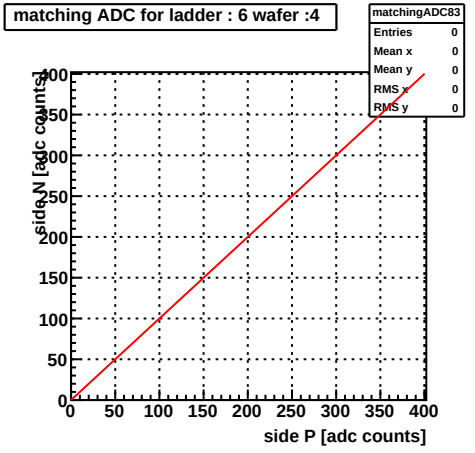

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 137
Mean x 71.93
Mean y 48.29
RMS x 44.75
RMS y 28.95
side N [adc counts]
side P [adc counts]

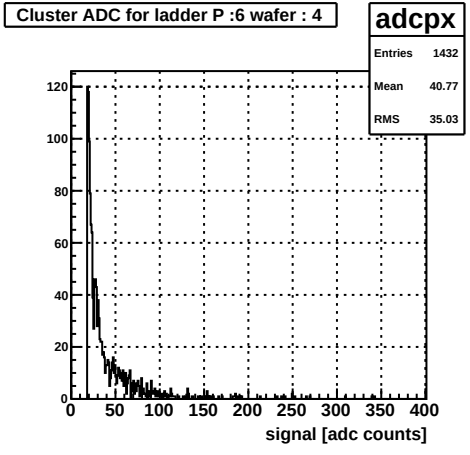

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2083
Mean 27.88
RMS 25.2
signal [adc counts]

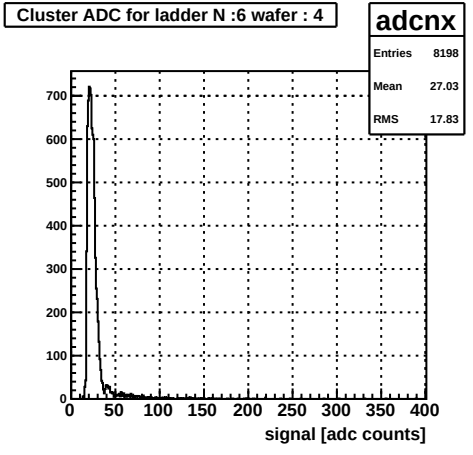

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 6028
Mean 27.1
RMS 29.46
signal [adc counts]

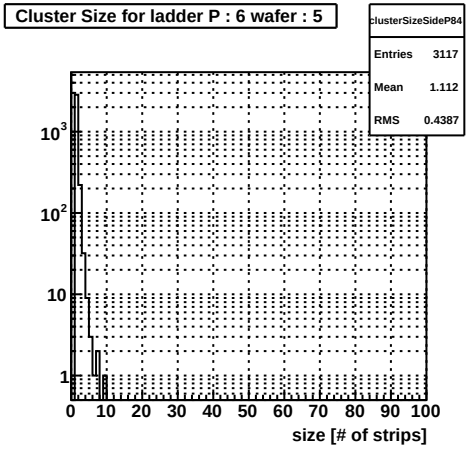

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1432
Mean 1.065
RMS 0.329
size [# of strips]

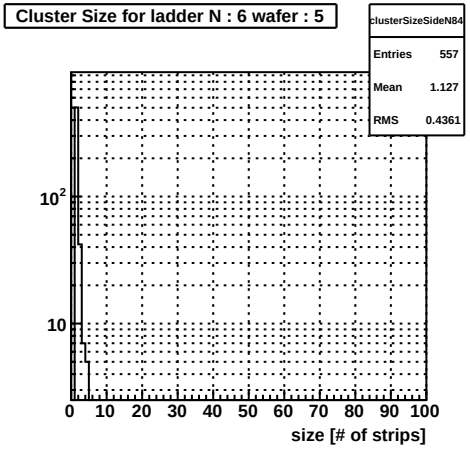

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 8198
Mean 1.119
RMS 0.4942
size [# of strips]

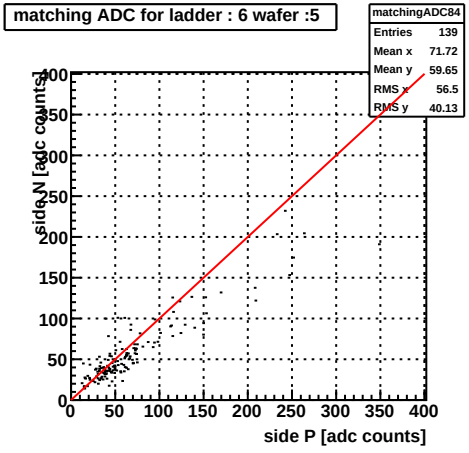

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

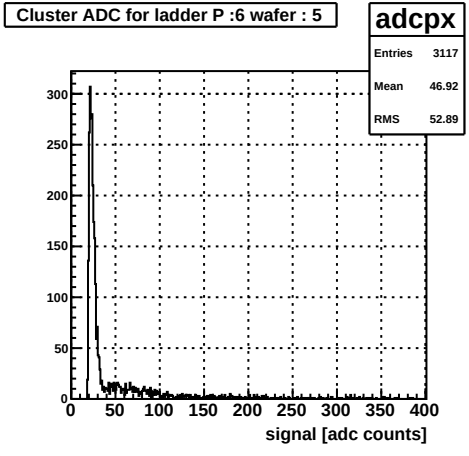

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1432
Mean 40.77
RMS 35.03
signal [adc counts]

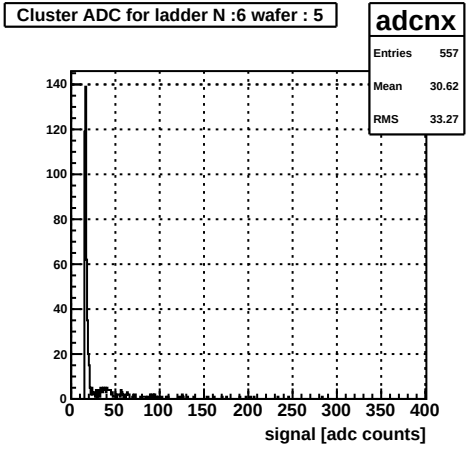

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 8198
Mean 27.03
RMS 17.83
signal [adc counts]

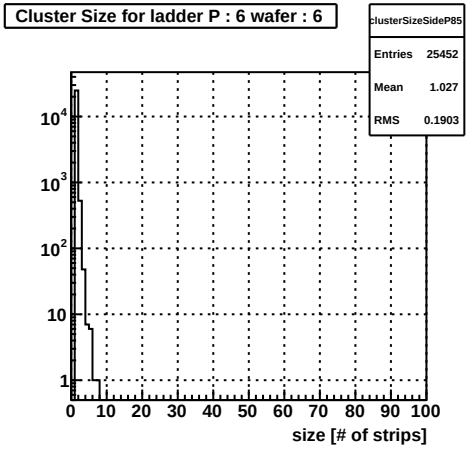

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 3117
Mean 1.112
RMS 0.4387
size [# of strips]

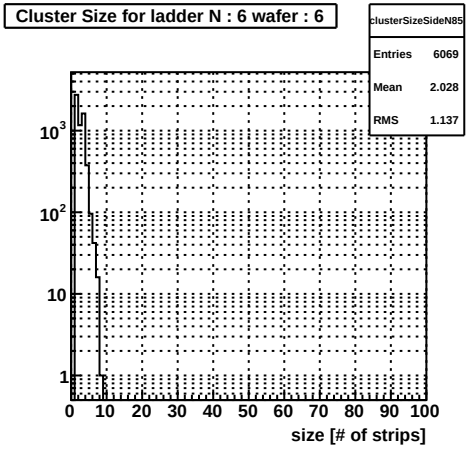

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 557
Mean 1.127
RMS 0.4361
size [# of strips]

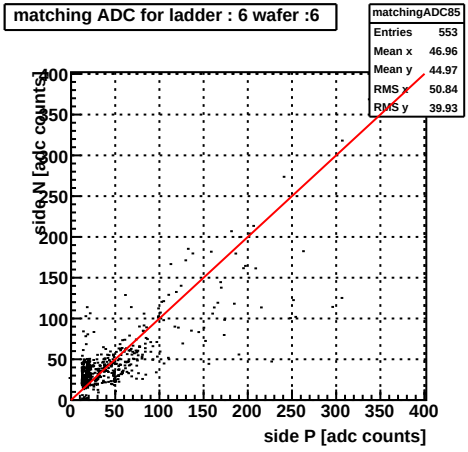

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 139
Mean x 71.72
Mean y 59.65
RMS x 56.5
RMS y 40.13
side N [adc counts]
side P [adc counts]

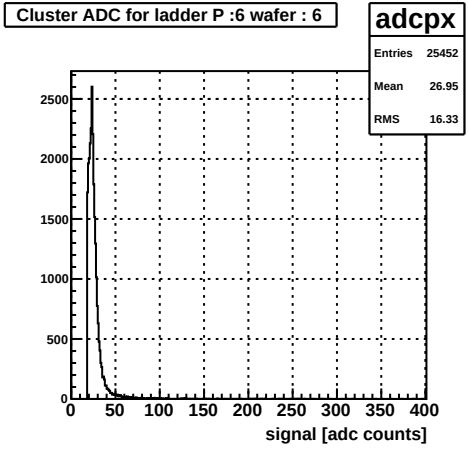

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 3117
Mean 46.92
RMS 52.89
signal [adc counts]

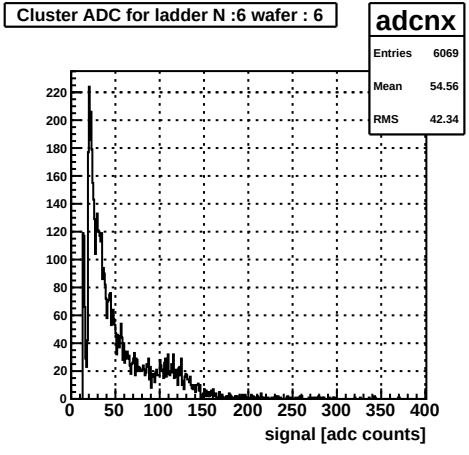

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 557
Mean 30.62
RMS 33.27
signal [adc counts]

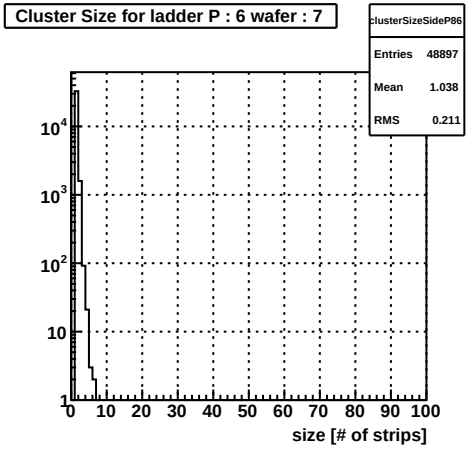

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 25452
Mean 1.027
RMS 0.1903
size [# of strips]

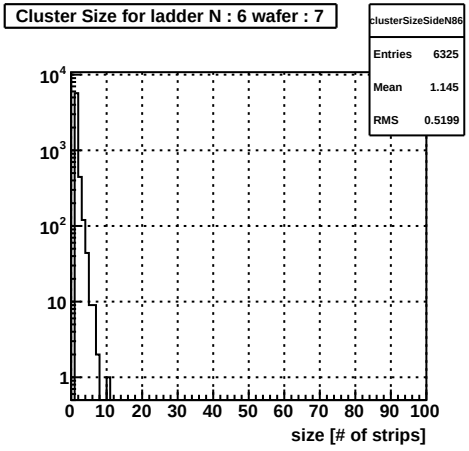

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 6069
Mean 2.028
RMS 1.137
size [# of strips]

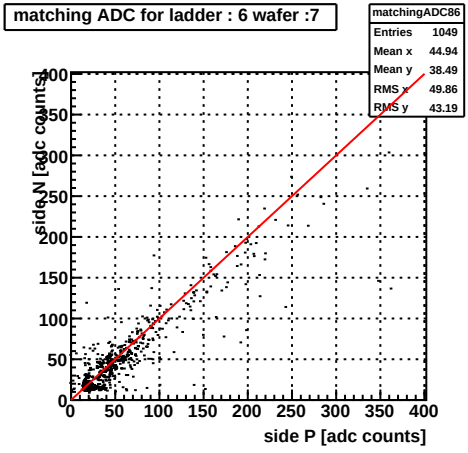

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 553
Mean x 46.96
Mean y 44.97
RMS x 50.84
RMS y 39.93
side N [adc counts]
side P [adc counts]

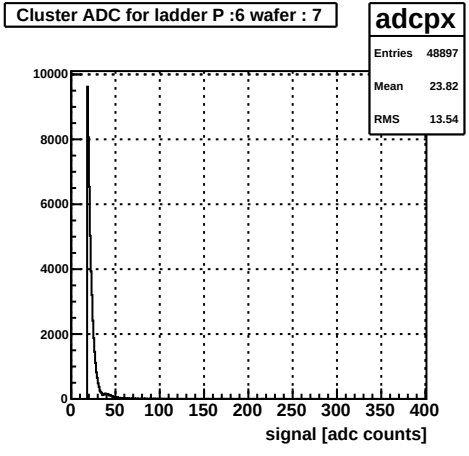

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 25452
Mean 26.95
RMS 16.33
signal [adc counts]

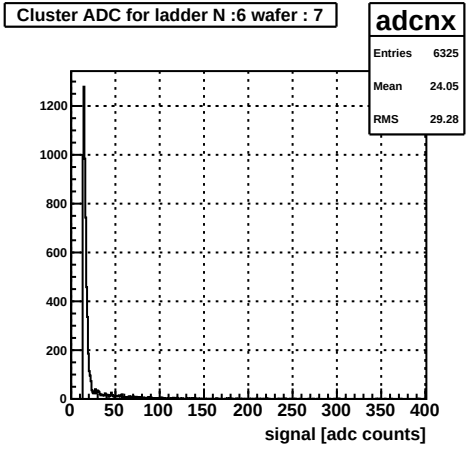

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 6069
Mean 54.56
RMS 42.34
signal [adc counts]

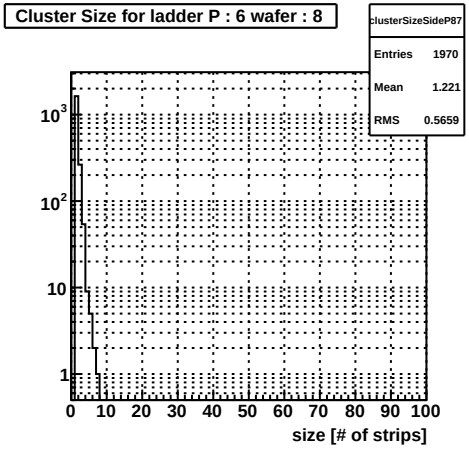

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 48897
Mean 1.038
RMS 0.211
size [# of strips]

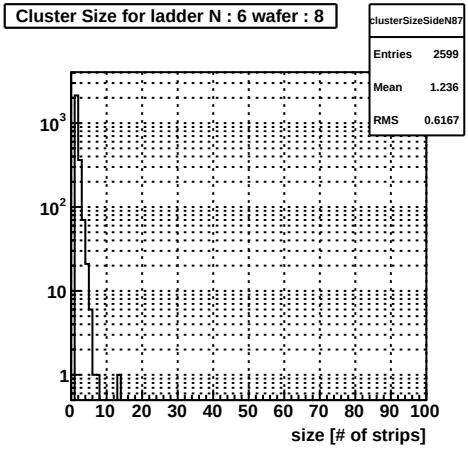

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 6325
Mean 1.145
RMS 0.5199
size [# of strips]

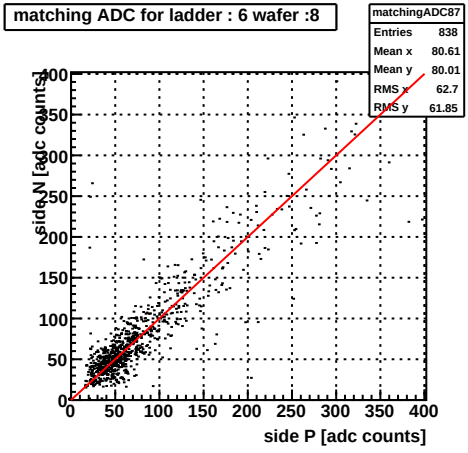

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1049
Mean x 44.94
Mean y 38.49
RMS x 49.86
RMS y 43.19
side N [adc counts]
side P [adc counts]

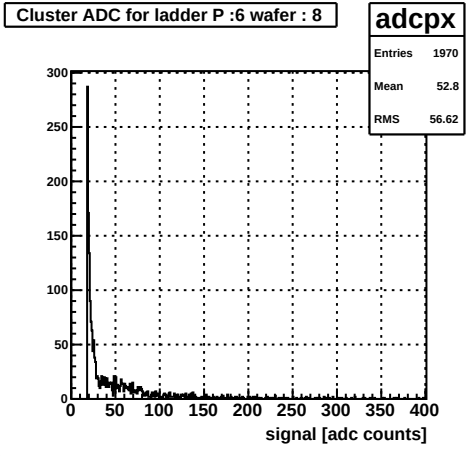

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 48897
Mean 23.82
RMS 13.54
signal [adc counts]

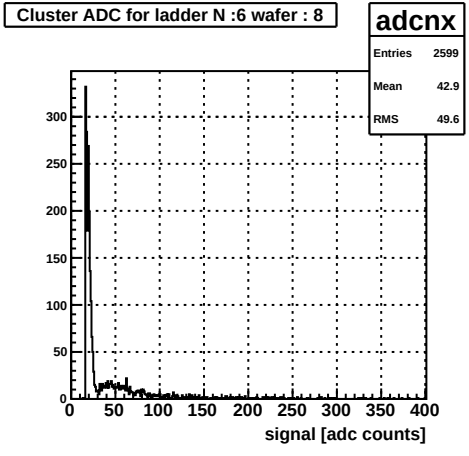

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 6325
Mean 24.05
RMS 29.28
signal [adc counts]

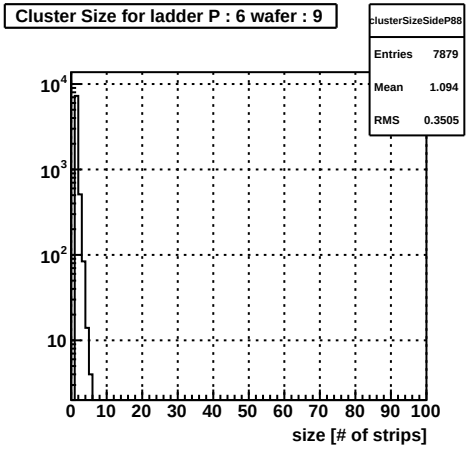

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1970
Mean 1.221
RMS 0.5659
size [# of strips]

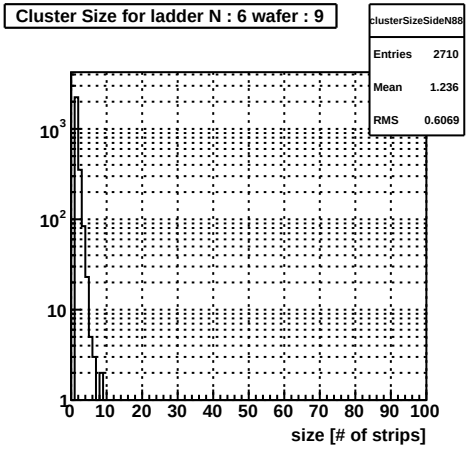

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2599
Mean 1.236
RMS 0.6167
size [# of strips]

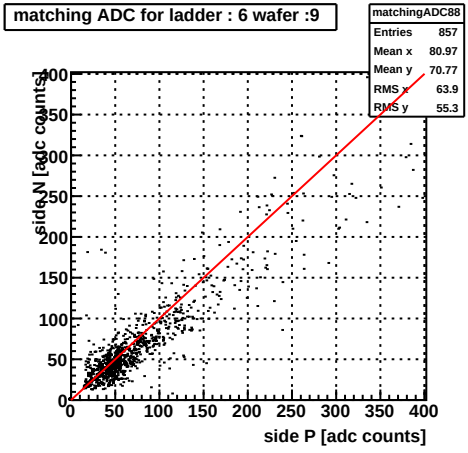

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 838
Mean x 80.61
Mean y 80.01
RMS x 62.7
RMS y 61.85
side N [adc counts]
side P [adc counts]

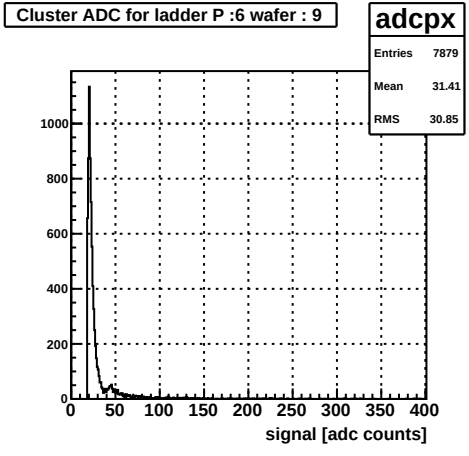

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1970
Mean 52.8
RMS 56.62
signal [adc counts]

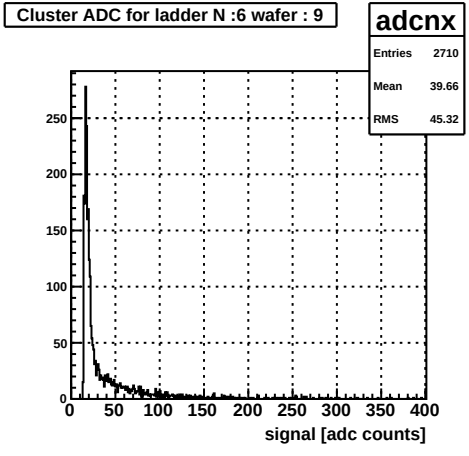

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2599
Mean 42.9
RMS 49.6
signal [adc counts]

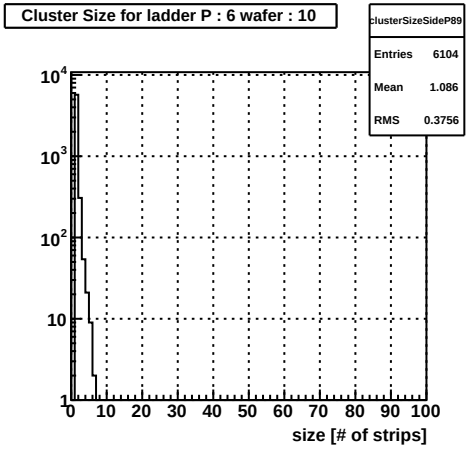

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 7879
Mean 1.094
RMS 0.3505
size [# of strips]

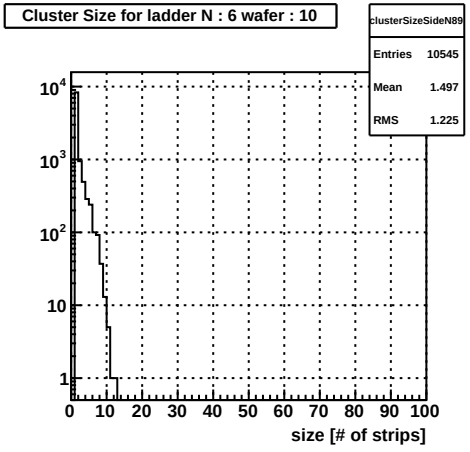

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2710
Mean 1.236
RMS 0.6069
size [# of strips]

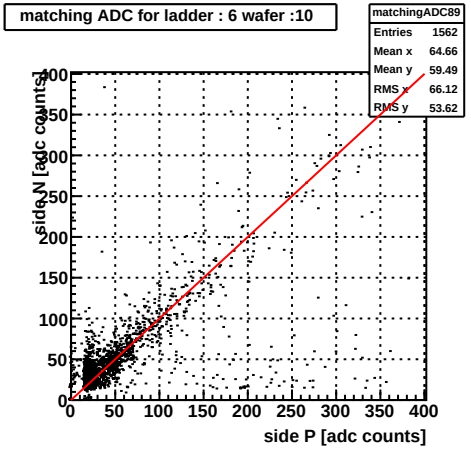

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 857
Mean x 80.97
Mean y 70.77
RMS x 63.9
RMS y 55.3
side N [adc counts]
side P [adc counts]

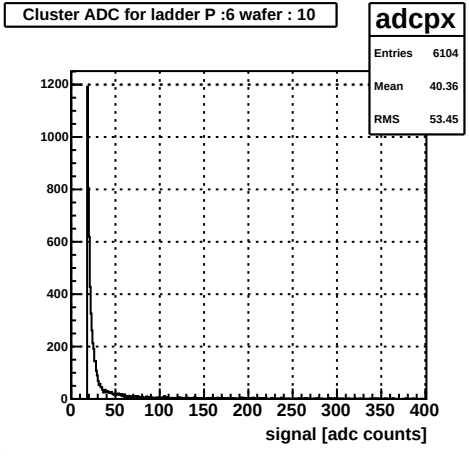

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 7879
Mean 31.41
RMS 30.85
signal [adc counts]

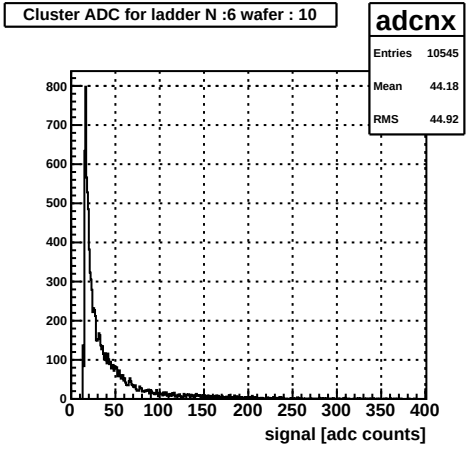

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2710
Mean 39.66
RMS 45.32
signal [adc counts]

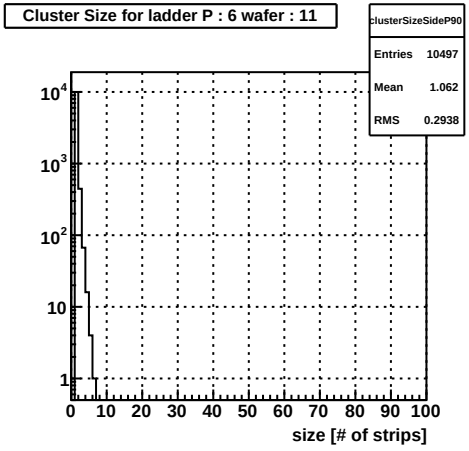

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 6104
Mean 1.086
RMS 0.3756
size [# of strips]

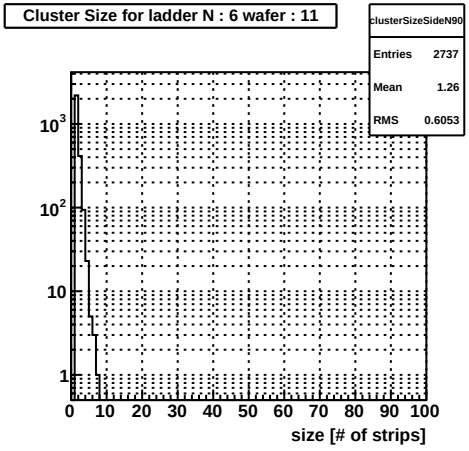

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 10545
Mean 1.497
RMS 1.225
size [# of strips]

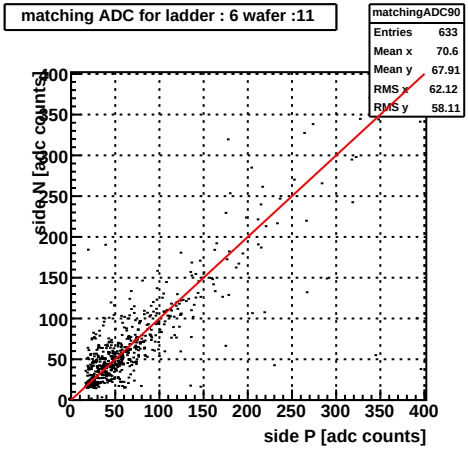

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1562
Mean x 64.66
Mean y 59.49
RMS x 66.12
RMS y 53.62
side N [adc counts]
side P [adc counts]

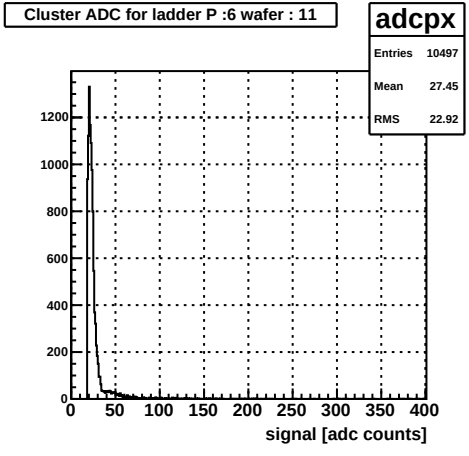

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 6104
Mean 40.36
RMS 53.45
signal [adc counts]

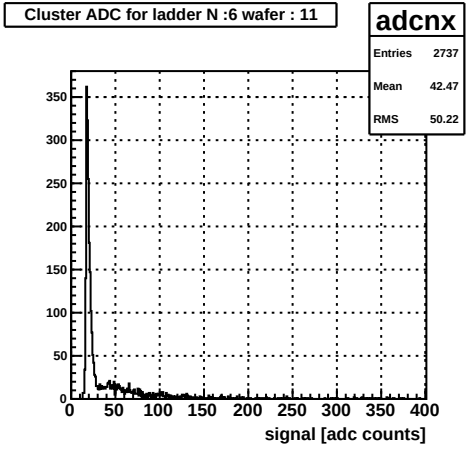

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 10545
Mean 44.18
RMS 44.92
signal [adc counts]

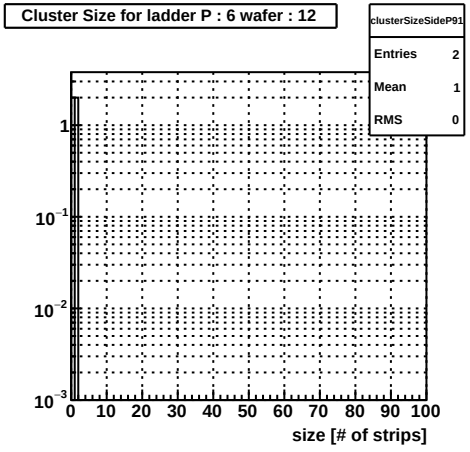

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 10497
Mean 1.062
RMS 0.2938
size [# of strips]

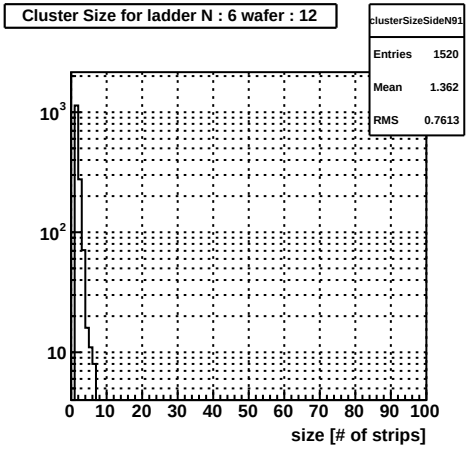

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2737
Mean 1.26
RMS 0.6053
size [# of strips]

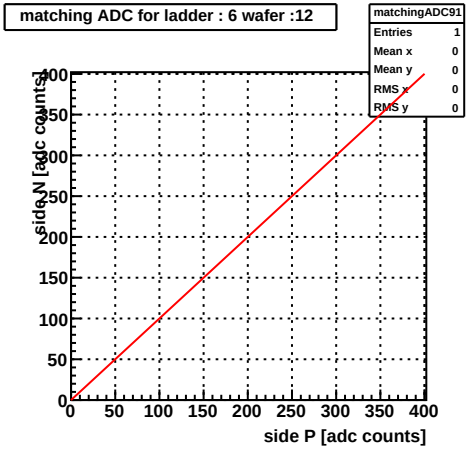

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 633
Mean x 70.6
Mean y 67.91
RMS x 62.12
RMS y 58.11
side N [adc counts]
side P [adc counts]

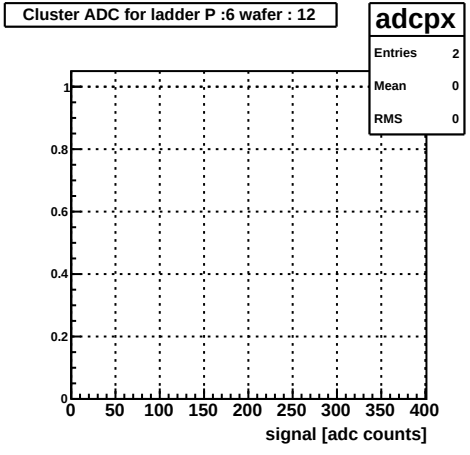

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 10497
Mean 27.45
RMS 22.92
signal [adc counts]

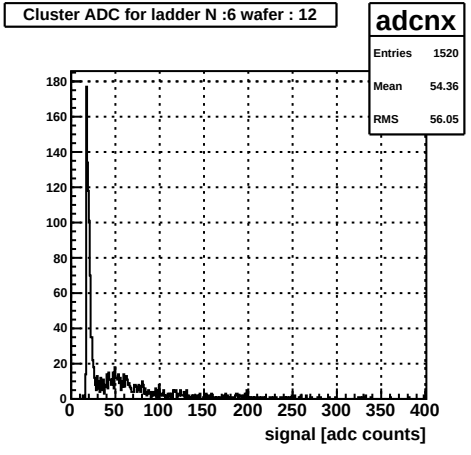

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2737
Mean 42.47
RMS 50.22
signal [adc counts]

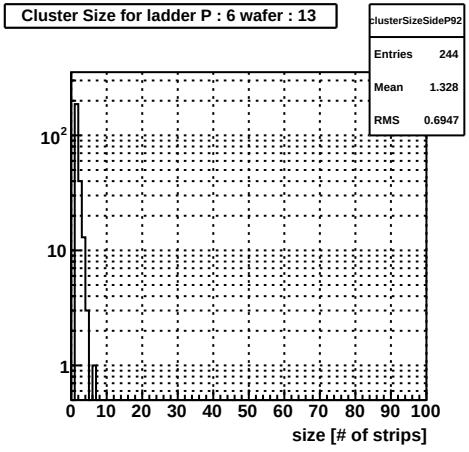

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 2
Mean 1
RMS 0
size [# of strips]

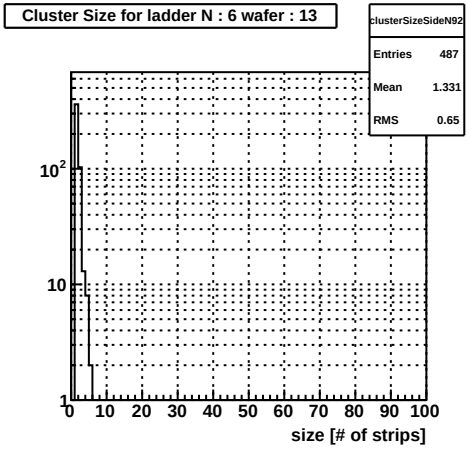

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1520
Mean 1.362
RMS 0.7613
size [# of strips]

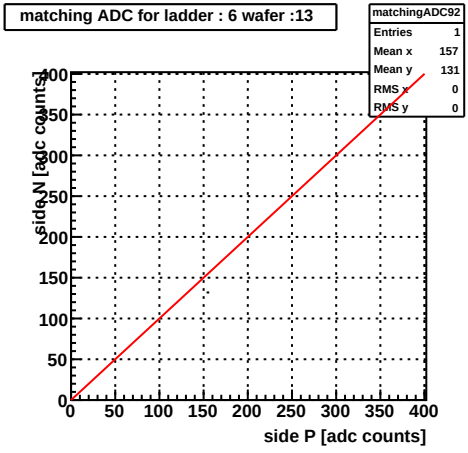

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

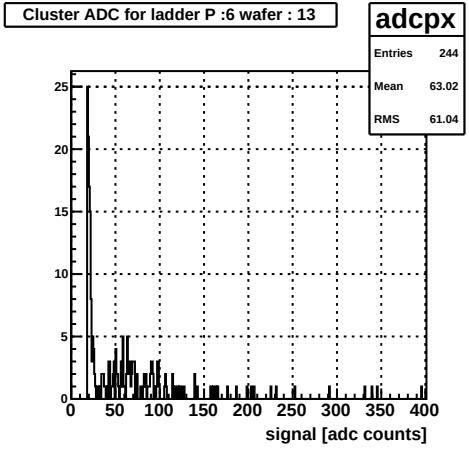

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

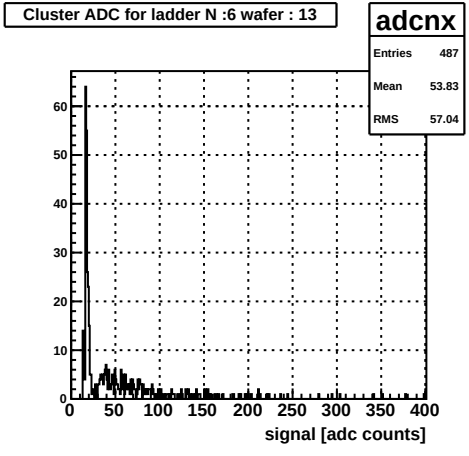

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1520
Mean 54.36
RMS 56.05
signal [adc counts]

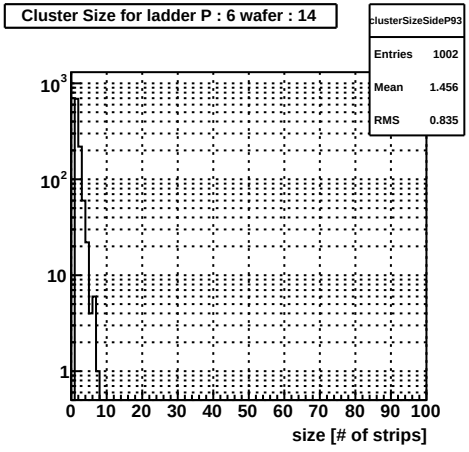

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 244
Mean 1.328
RMS 0.6947
size [# of strips]

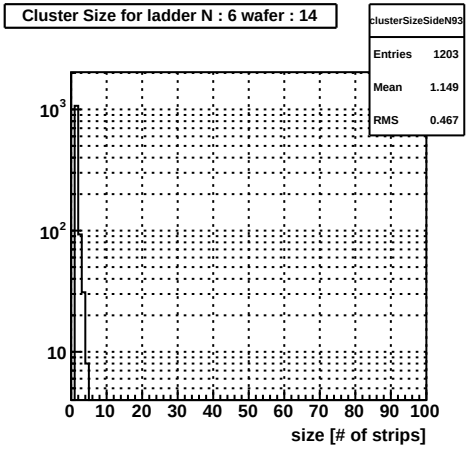

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 487
Mean 1.331
RMS 0.65
size [# of strips]

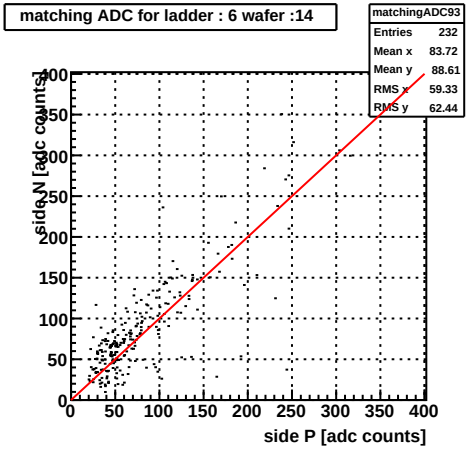

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 157
Mean y 131
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

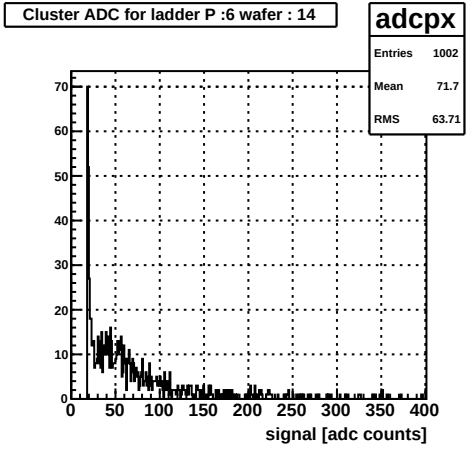

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 244
Mean 63.02
RMS 61.04
signal [adc counts]

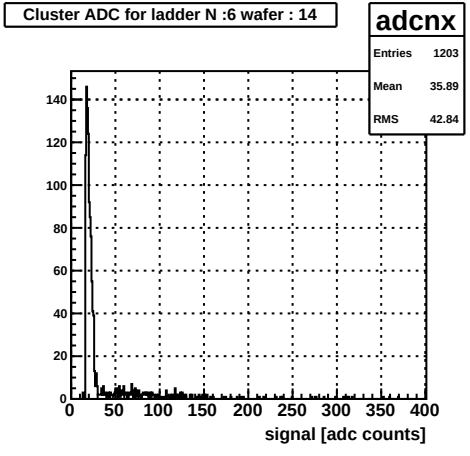

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 487
Mean 53.83
RMS 57.04
signal [adc counts]

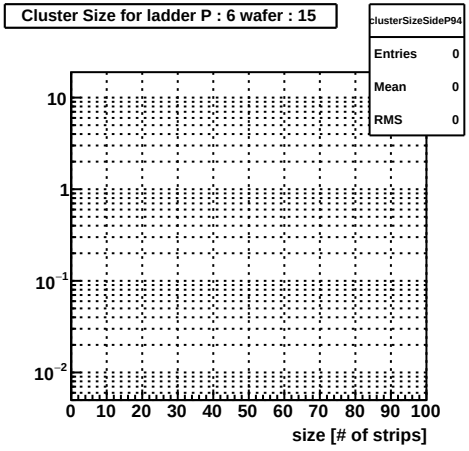

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1002
Mean 1.456
RMS 0.835
size [# of strips]

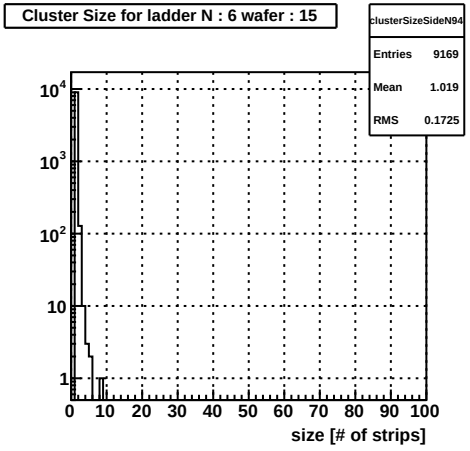

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1203
Mean 1.149
RMS 0.467
size [# of strips]

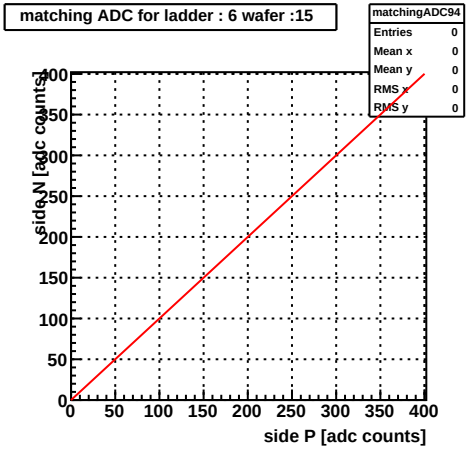

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 232
Mean x 83.72
Mean y 88.61
RMS x 59.33
RMS y 62.44
side N [adc counts]
side P [adc counts]

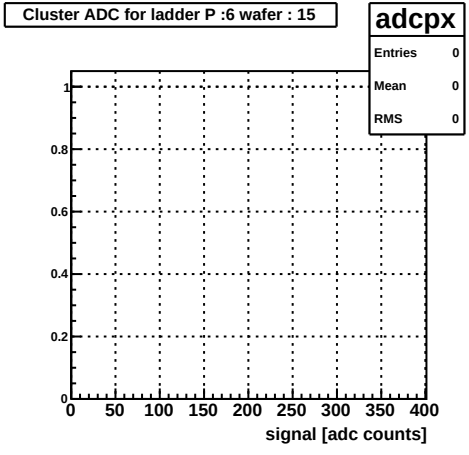

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1002
Mean 71.7
RMS 63.71
signal [adc counts]

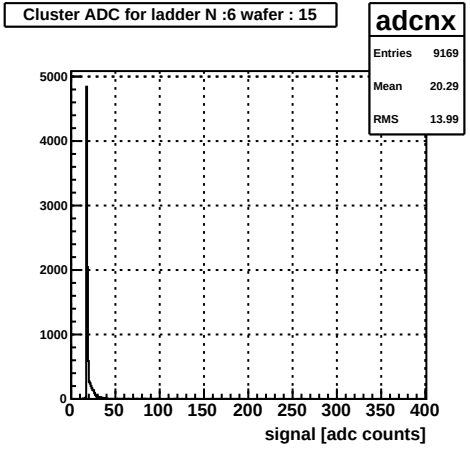

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1203
Mean 35.89
RMS 42.84
signal [adc counts]

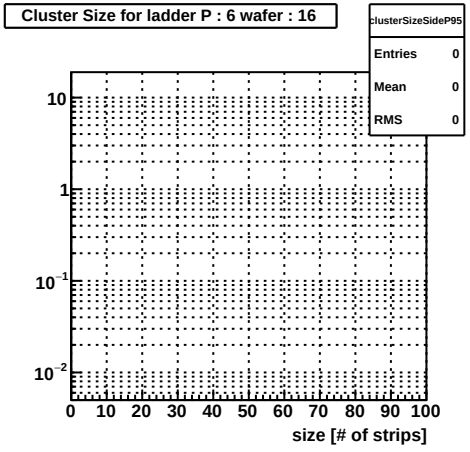

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

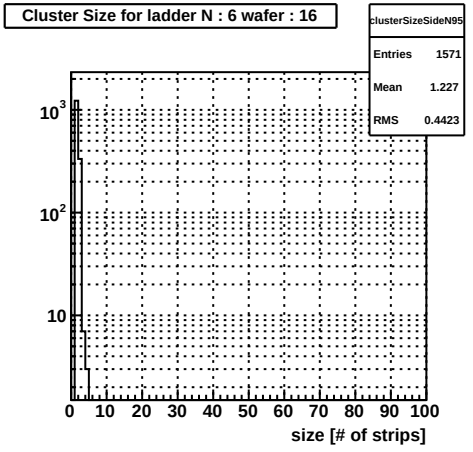

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 9169
Mean 1.019
RMS 0.1725
size [# of strips]

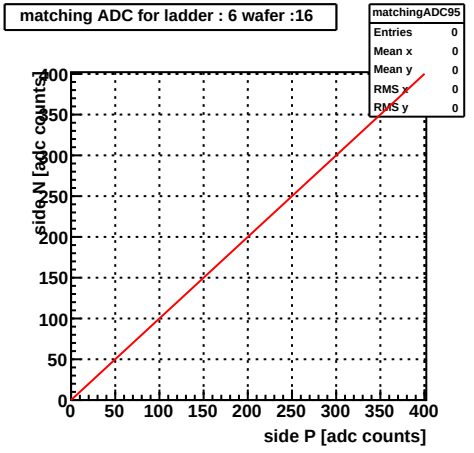

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

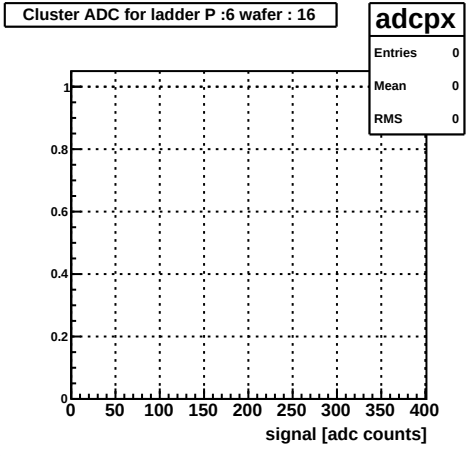

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

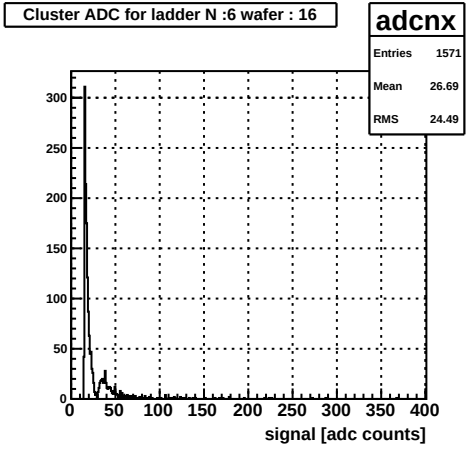

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 9169
Mean 20.29
RMS 13.99
signal [adc counts]

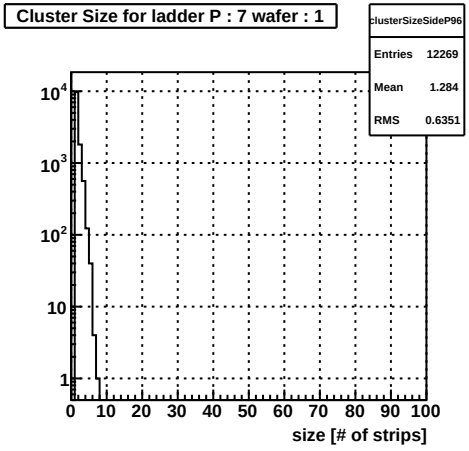

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

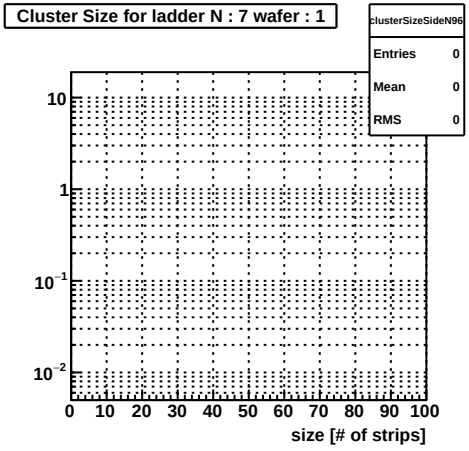

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1571
Mean 1.227
RMS 0.4423
size [# of strips]

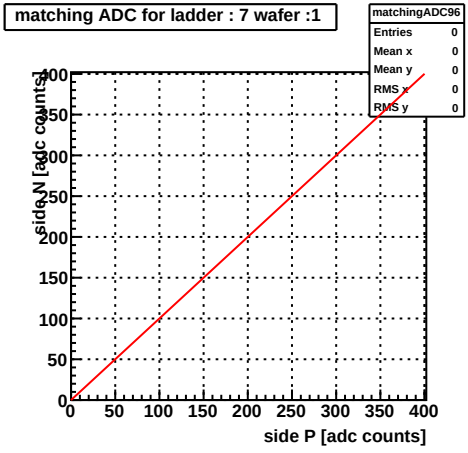

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

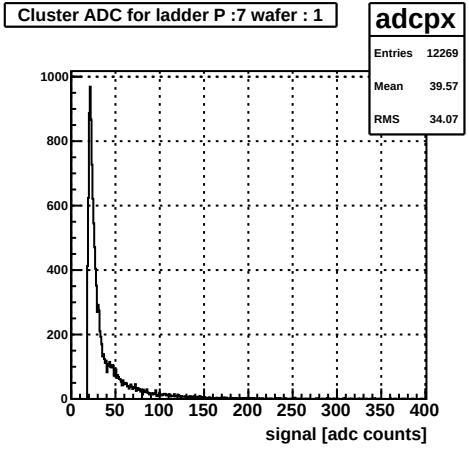

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

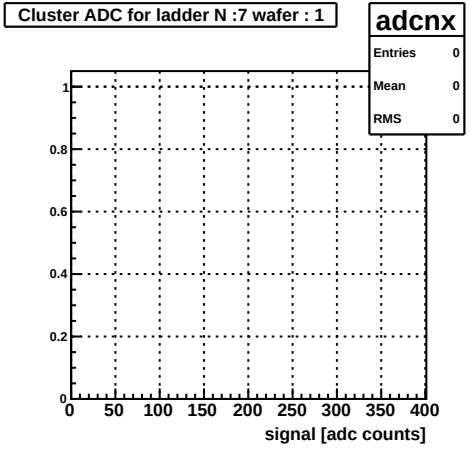

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1571
Mean 26.69
RMS 24.49
signal [adc counts]

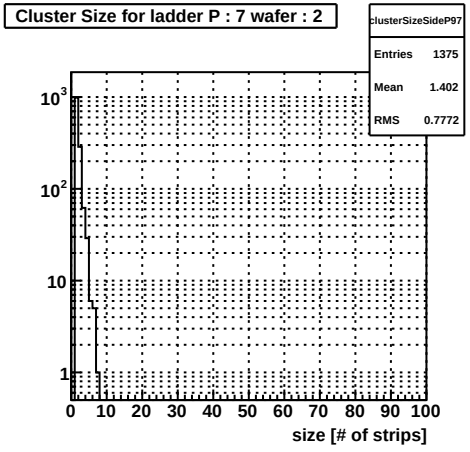

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 12269
Mean 1.284
RMS 0.6351
size [# of strips]

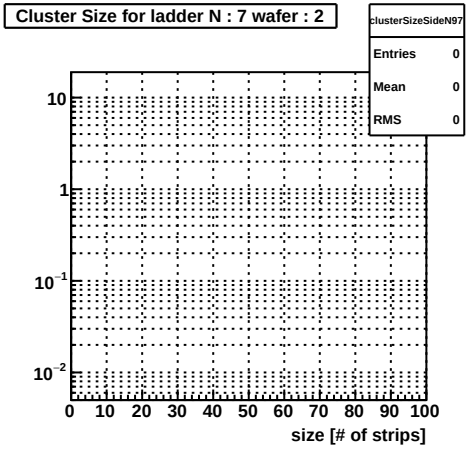

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

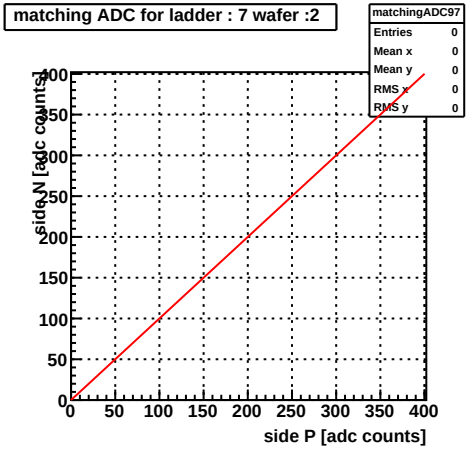

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

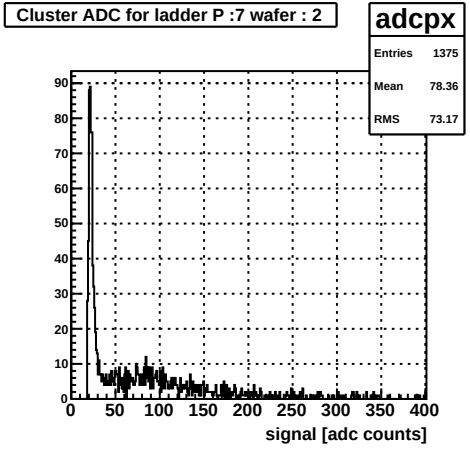

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 12269
Mean 39.57
RMS 34.07
signal [adc counts]

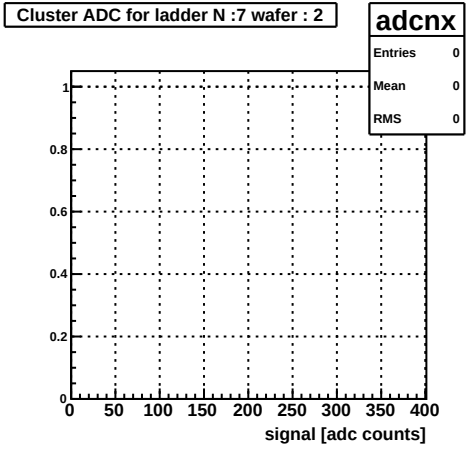

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

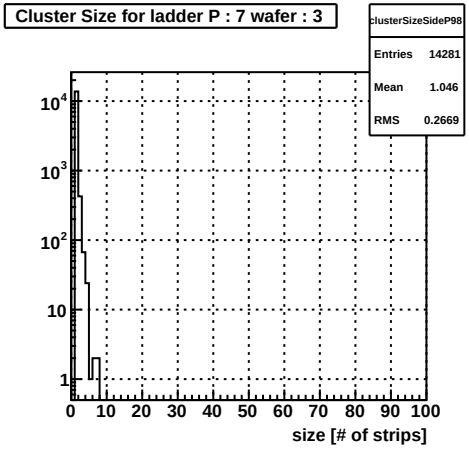

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1375
Mean 1.402
RMS 0.7772
size [# of strips]

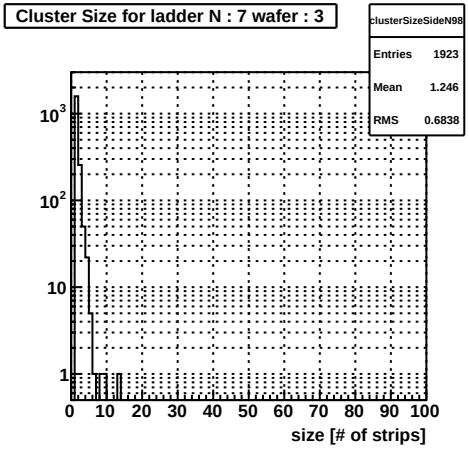

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

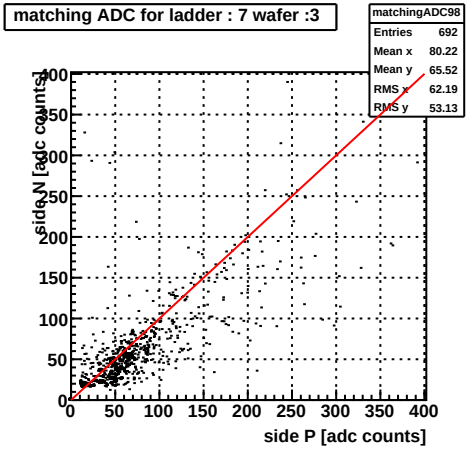

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

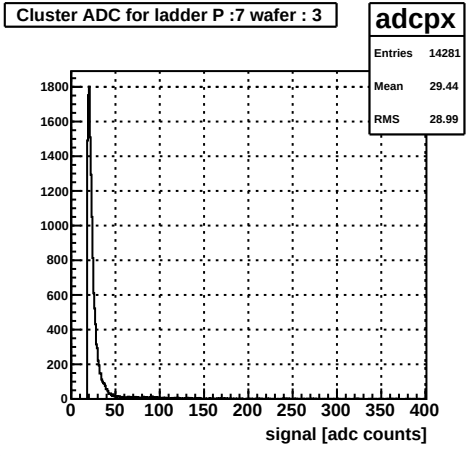

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1375
Mean 78.36
RMS 73.17
signal [adc counts]

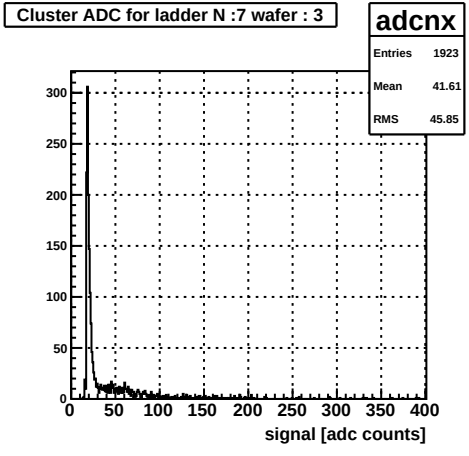

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

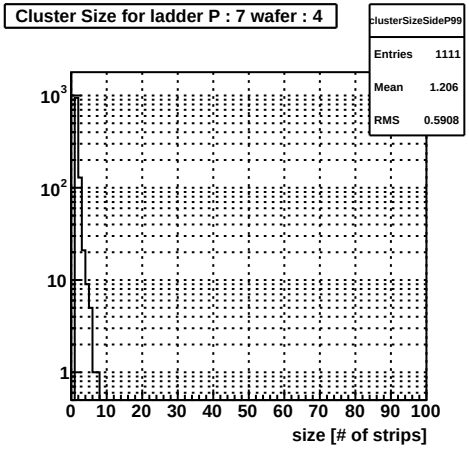

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 14281
Mean 1.046
RMS 0.2669
size [# of strips]

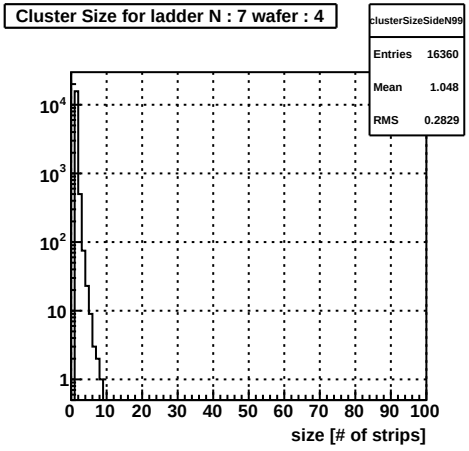

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1923
Mean 1.246
RMS 0.6838
size [# of strips]

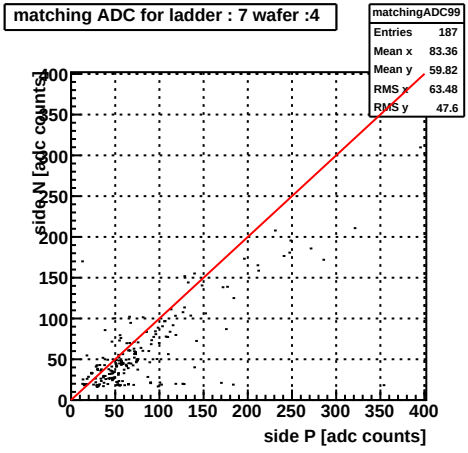

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 692
Mean x 80.22
Mean y 65.52
RMS x 62.19
RMS y 53.13
side N [adc counts]
side P [adc counts]

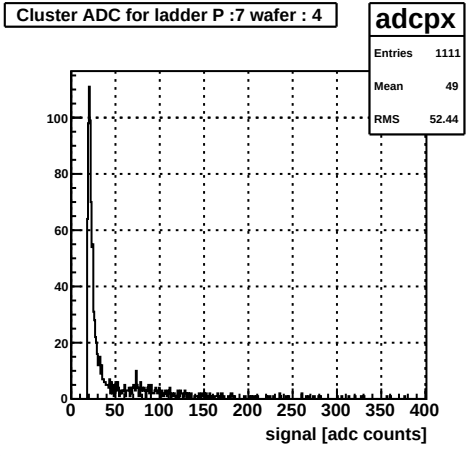

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 14281
Mean 29.44
RMS 28.99
signal [adc counts]

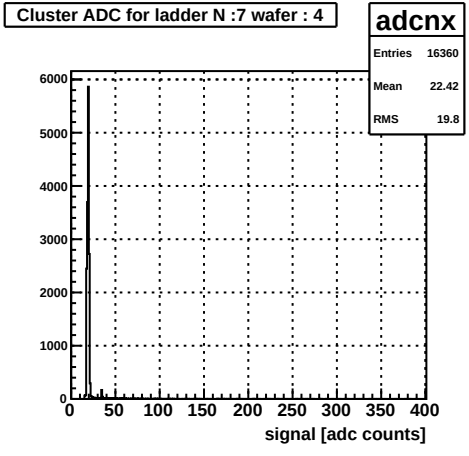

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1923
Mean 41.61
RMS 45.85
signal [adc counts]

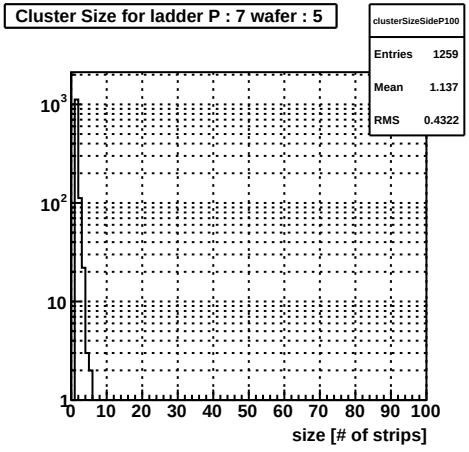

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1111
Mean 1.206
RMS 0.5908
size [# of strips]

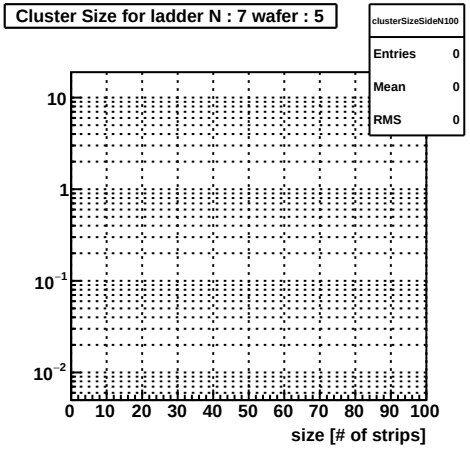

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 16360
Mean 1.048
RMS 0.2829
size [# of strips]

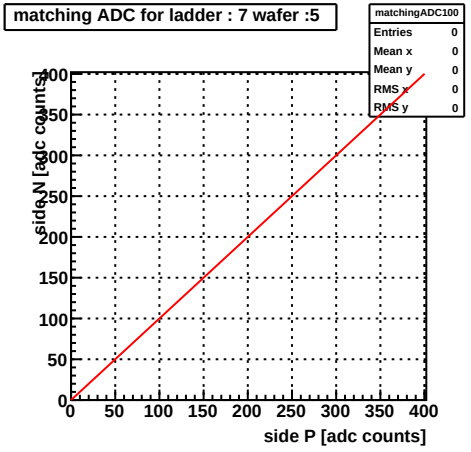

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 187
Mean x 83.36
Mean y 59.82
RMS x 63.48
RMS y 47.6
side N [adc counts]
side P [adc counts]

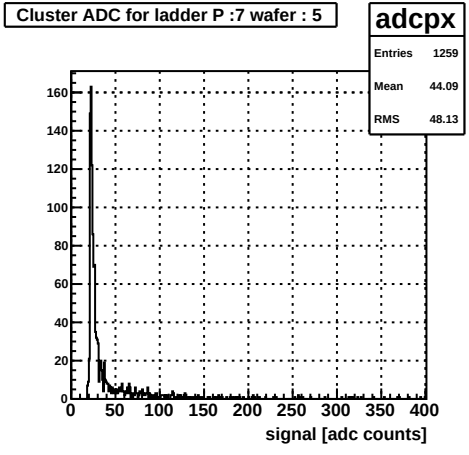

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1111
Mean 49
RMS 52.44
signal [adc counts]

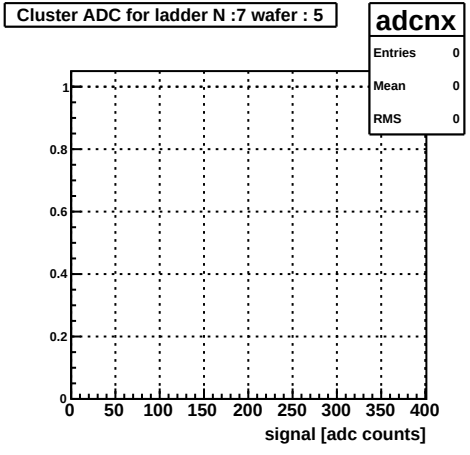

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 16360
Mean 22.42
RMS 19.8
signal [adc counts]

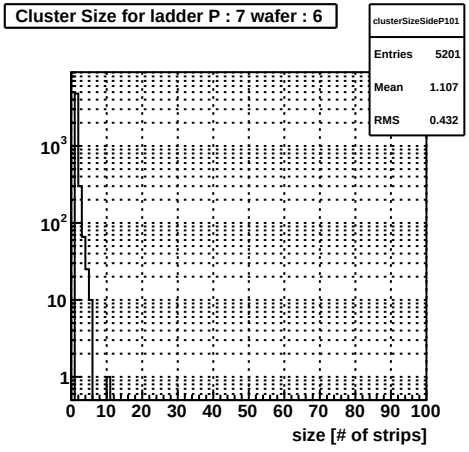

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1259
Mean 1.137
RMS 0.4322
size [# of strips]

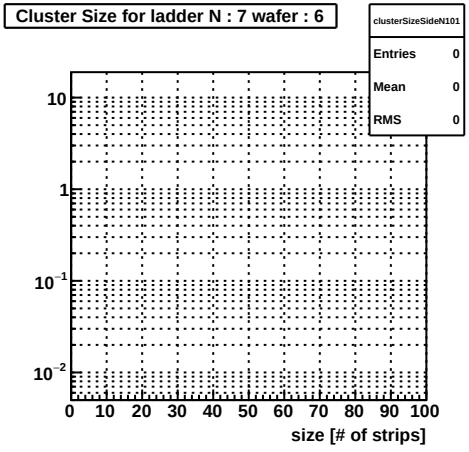

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

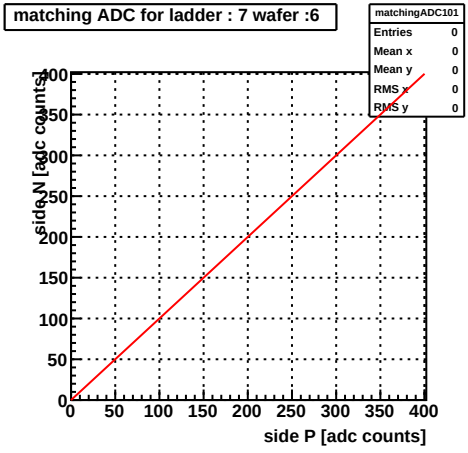

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

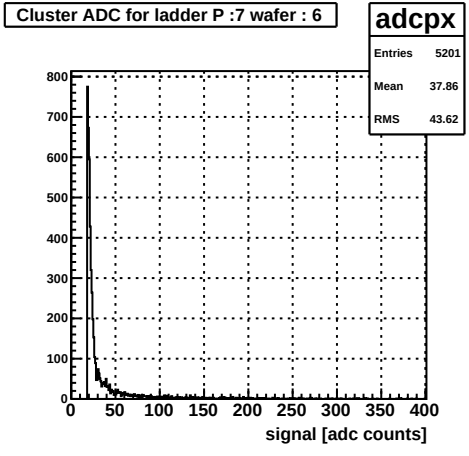

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1259
Mean 44.09
RMS 48.13
signal [adc counts]

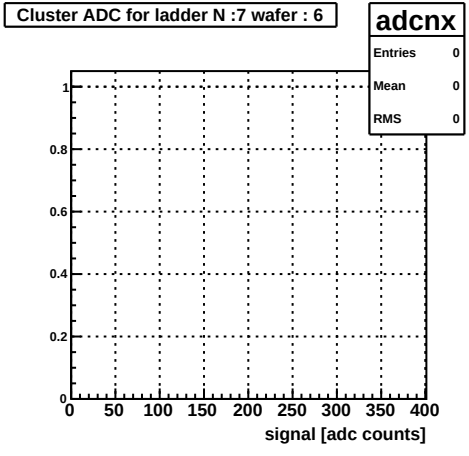

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

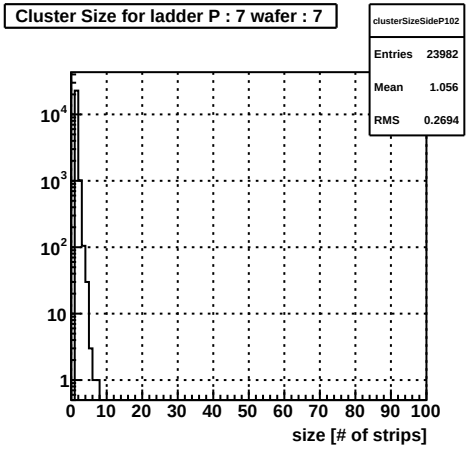

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 5201
Mean 1.107
RMS 0.432
size [# of strips]

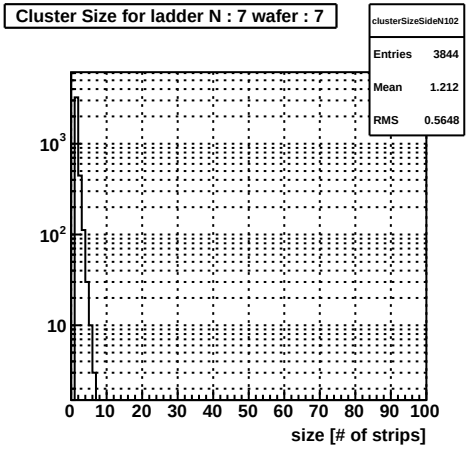

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

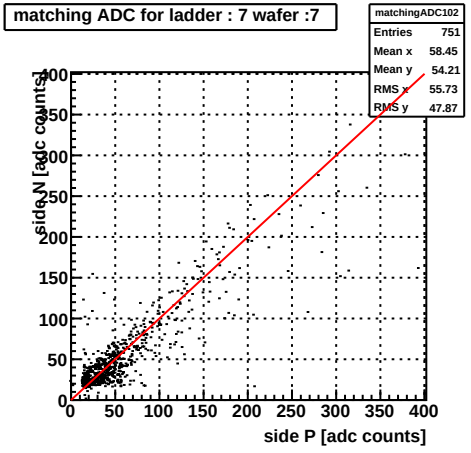

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

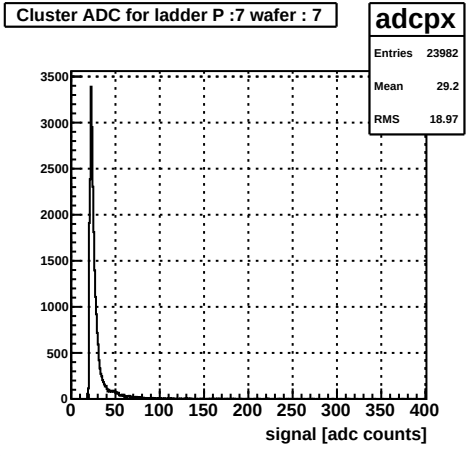

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 5201
Mean 37.86
RMS 43.62
signal [adc counts]

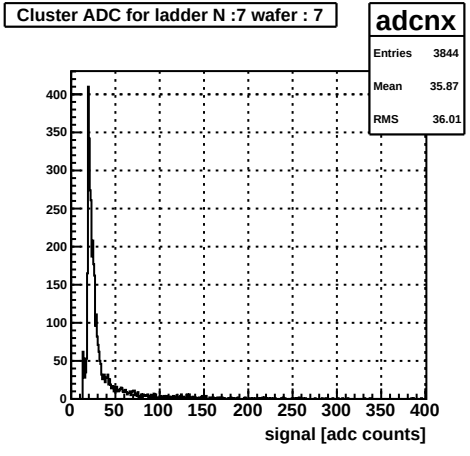

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

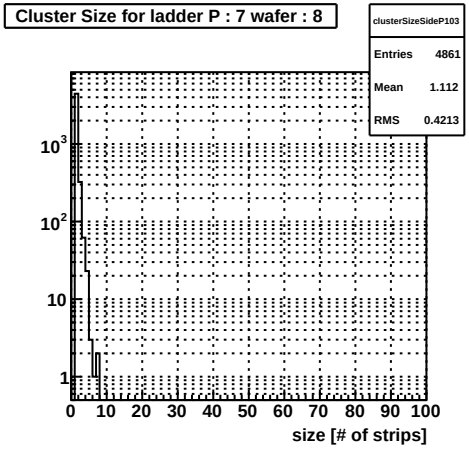

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 23982
Mean 1.056
RMS 0.2694
size [# of strips]

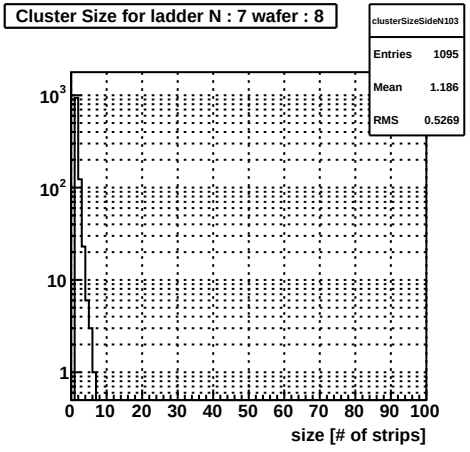

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3844
Mean 1.212
RMS 0.5648
size [# of strips]

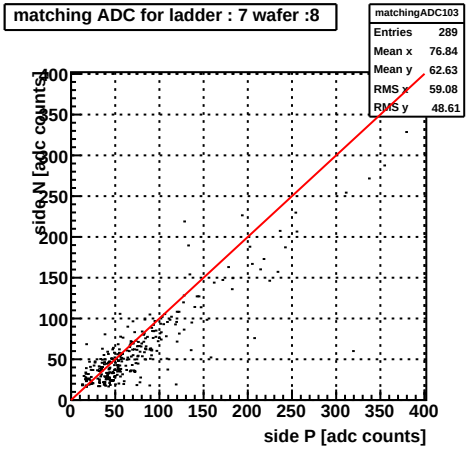

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 751
Mean x 58.45
Mean y 54.21
RMS x 55.73
RMS y 47.87
side N [adc counts]
side P [adc counts]

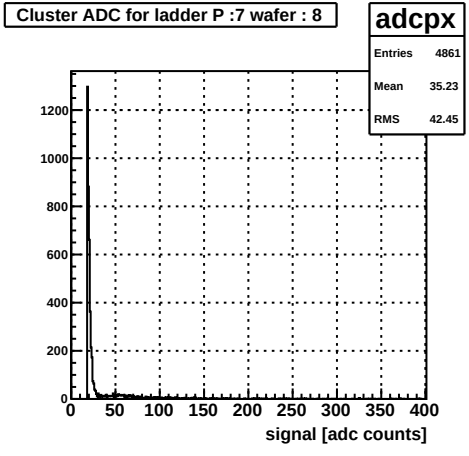

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 23982
Mean 29.2
RMS 18.97
signal [adc counts]

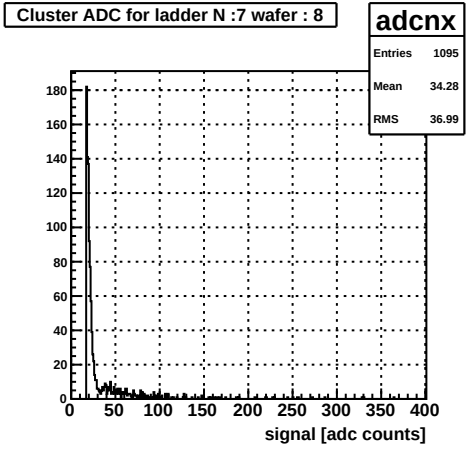

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3844
Mean 35.87
RMS 36.01
signal [adc counts]

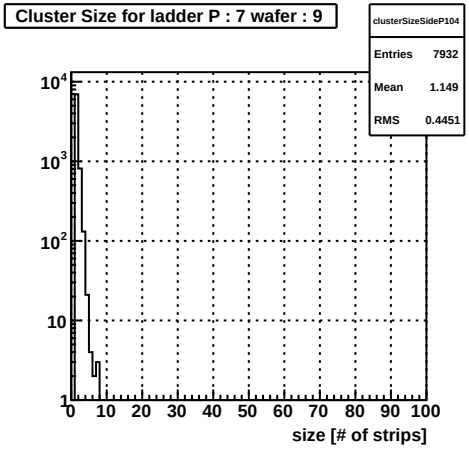

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4861
Mean 1.112
RMS 0.4213
size [# of strips]

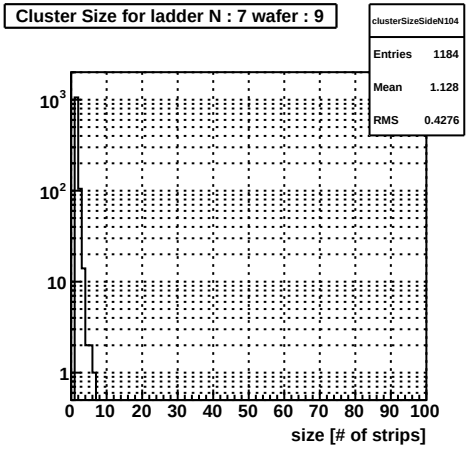

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1095
Mean 1.186
RMS 0.5269
size [# of strips]

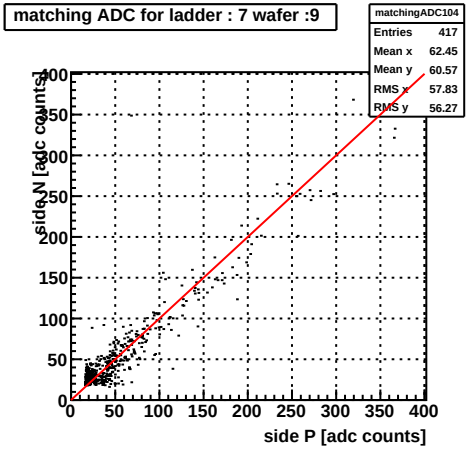

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 289
Mean x 76.84
Mean y 62.63
RMS x 59.08
RMS y 48.61
side N [adc counts]
side P [adc counts]

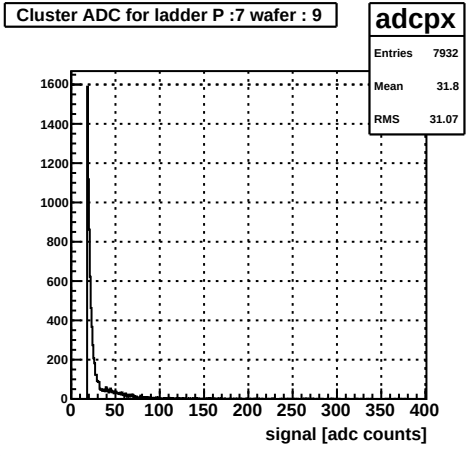

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4861
Mean 35.23
RMS 42.45
signal [adc counts]

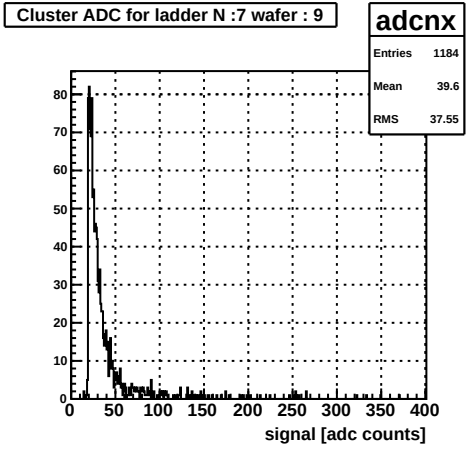

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1095
Mean 34.28
RMS 36.99
signal [adc counts]

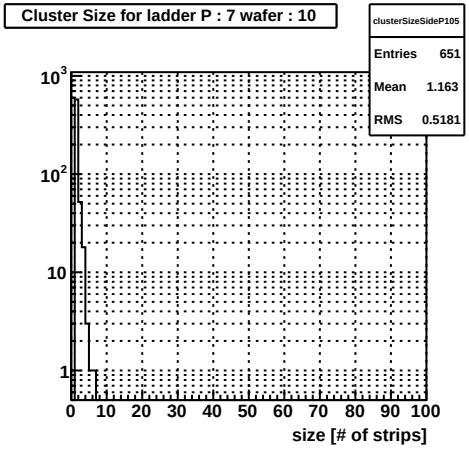

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 7932
Mean 1.149
RMS 0.4451
size [# of strips]

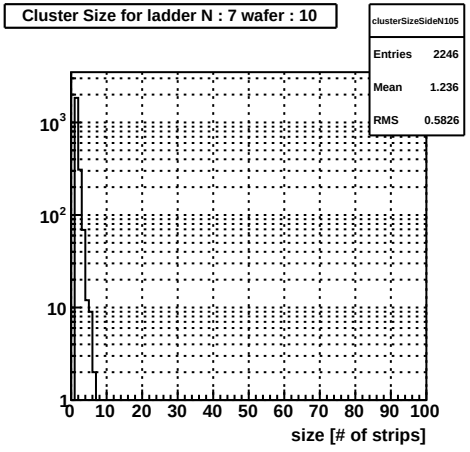

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1184
Mean 1.128
RMS 0.4276
size [# of strips]

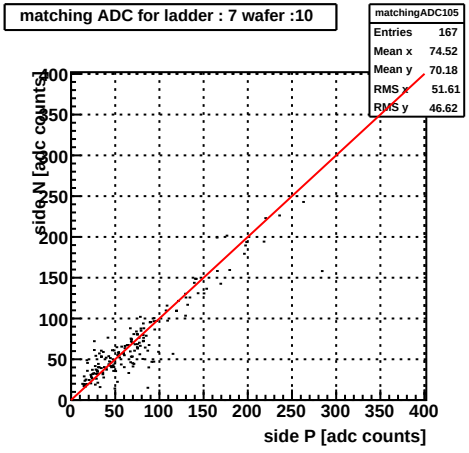

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 417
Mean x 62.45
Mean y 60.57
RMS x 57.83
RMS y 56.27
side N [adc counts]
side P [adc counts]

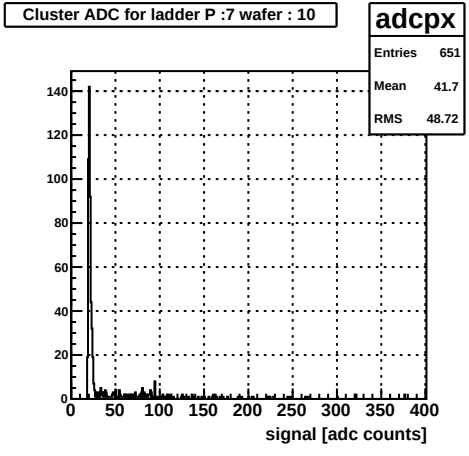

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 7932
Mean 31.8
RMS 31.07
signal [adc counts]

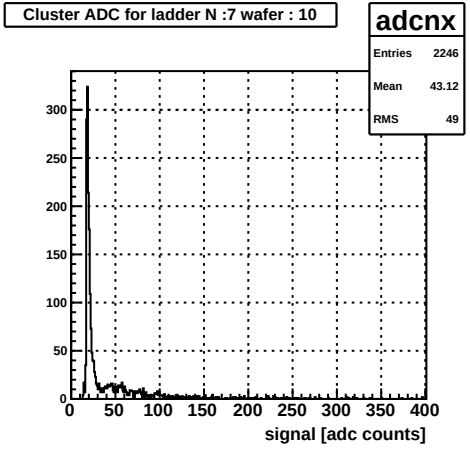

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1184
Mean 39.6
RMS 37.55
signal [adc counts]

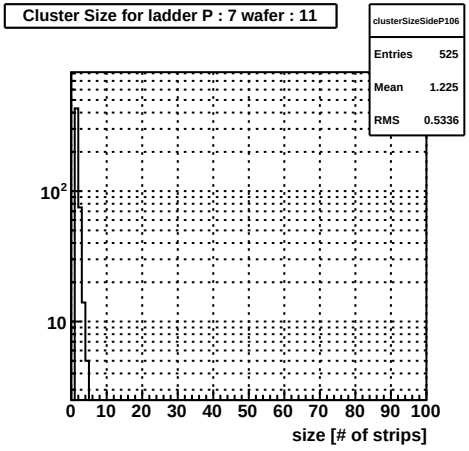

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 651
Mean 1.163
RMS 0.5181
size [# of strips]

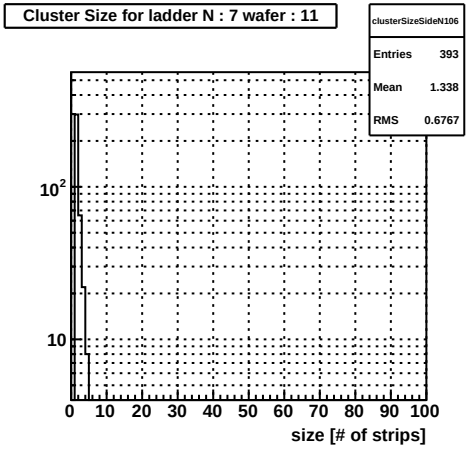

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2246
Mean 1.236
RMS 0.5826
size [# of strips]

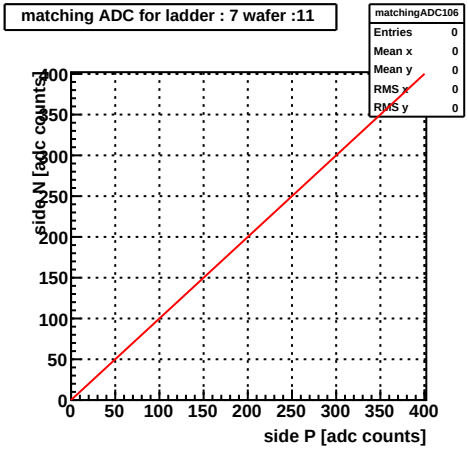

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 167
Mean x 74.52
Mean y 70.18
RMS x 51.61
RMS y 46.62
side N [adc counts]
side P [adc counts]

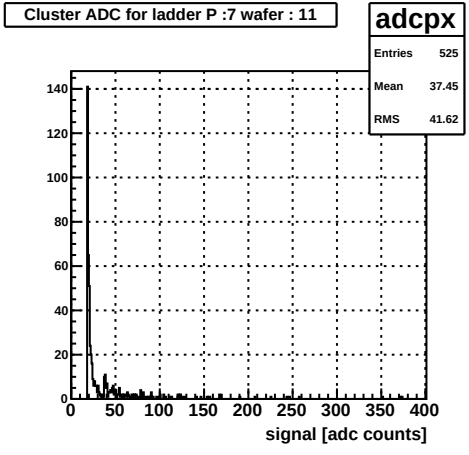

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 651
Mean 41.7
RMS 48.72
signal [adc counts]

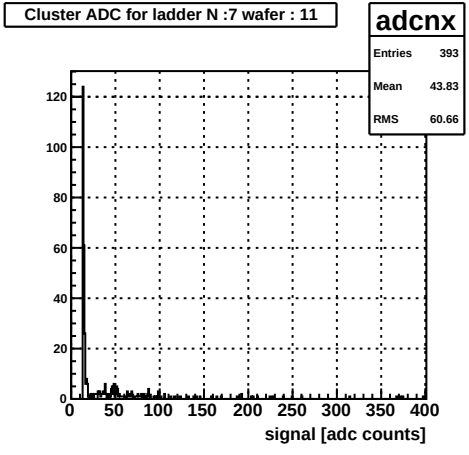

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2246
Mean 43.12
RMS 49
signal [adc counts]

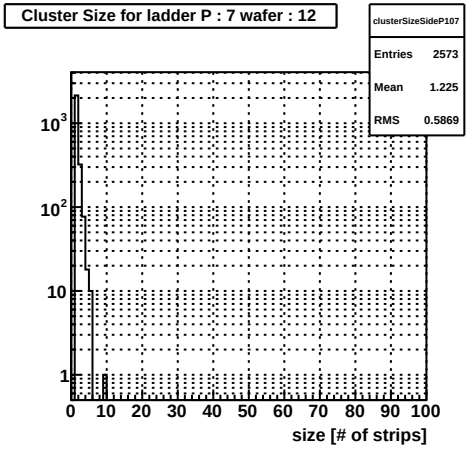

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 525
Mean 1.225
RMS 0.5336
size [# of strips]

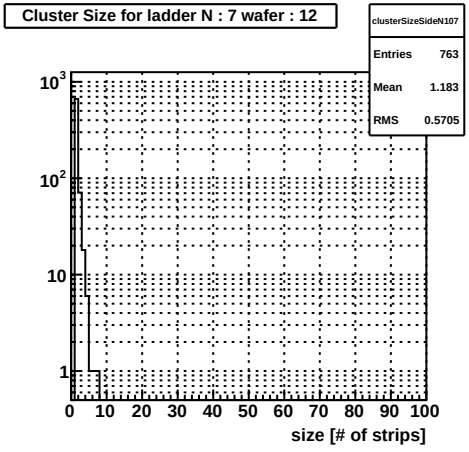

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 393
Mean 1.338
RMS 0.6767
size [# of strips]

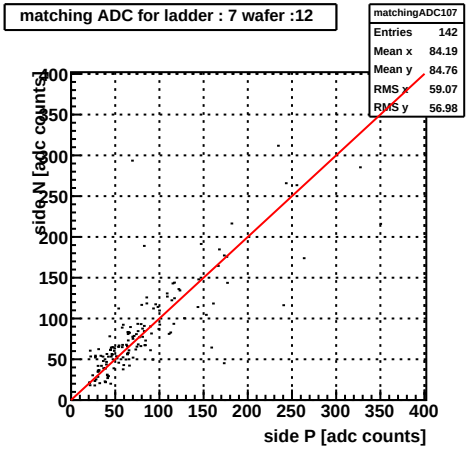

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

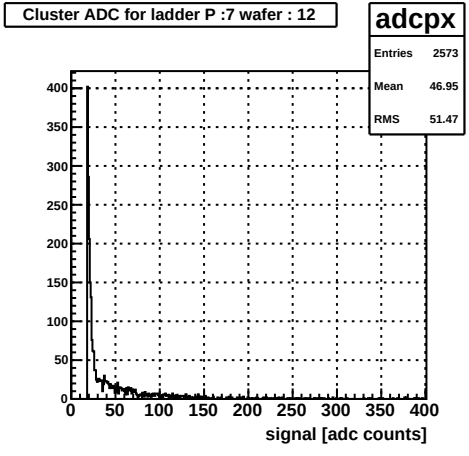

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 525
Mean 37.45
RMS 41.62
signal [adc counts]

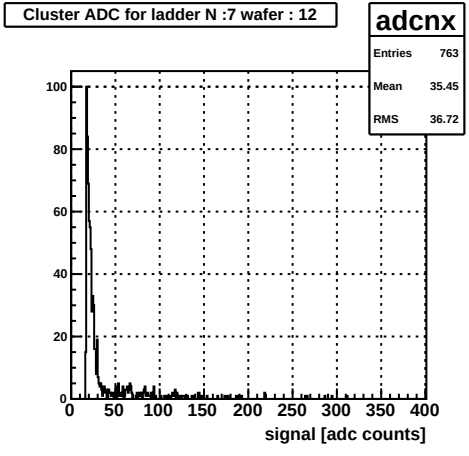

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 393
Mean 43.83
RMS 60.66
signal [adc counts]

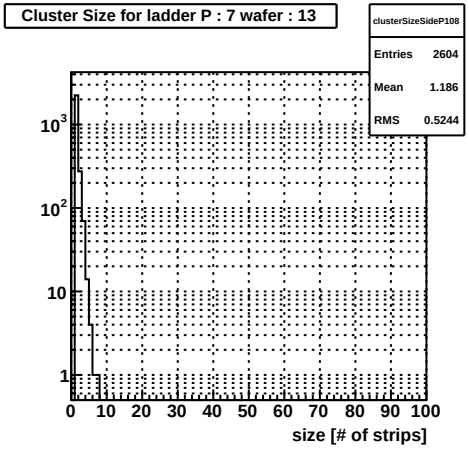

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2573
Mean 1.225
RMS 0.5869
size [# of strips]

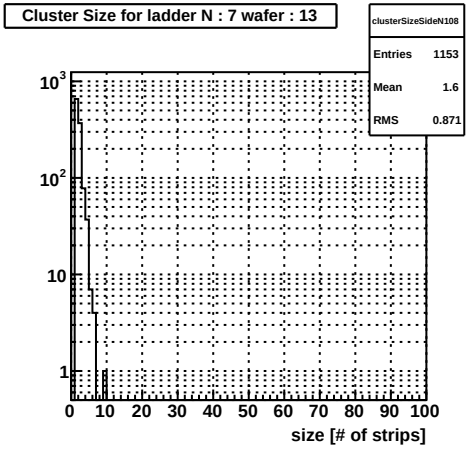

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 763
Mean 1.183
RMS 0.5705
size [# of strips]

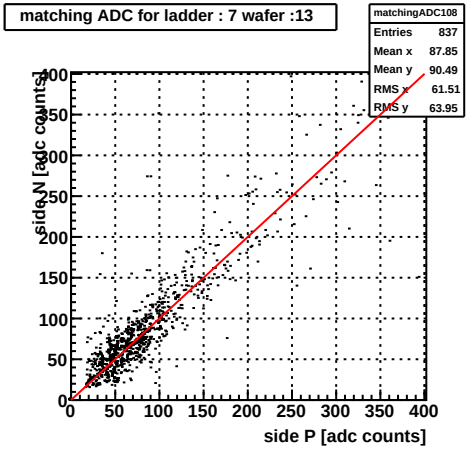

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 142
Mean x 84.19
Mean y 84.76
RMS x 59.07
RMS y 56.98
side N [adc counts]
side P [adc counts]

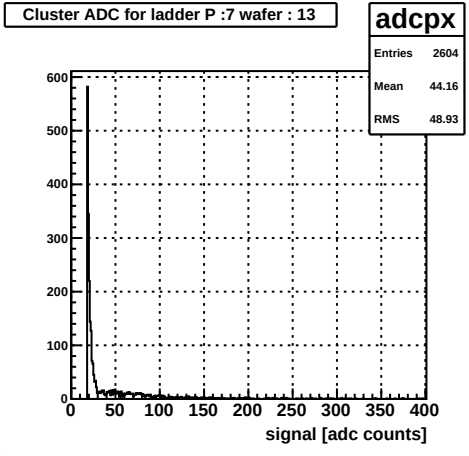

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2573
Mean 46.95
RMS 51.47
signal [adc counts]

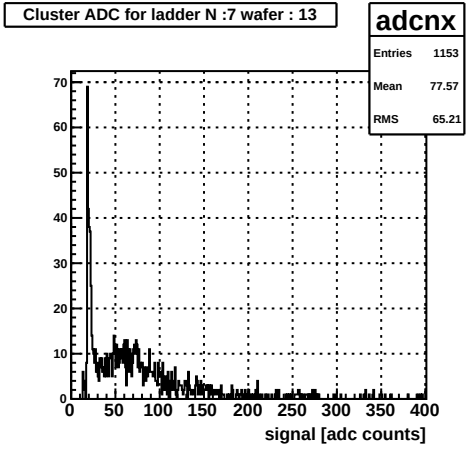

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 763
Mean 35.45
RMS 36.72
signal [adc counts]

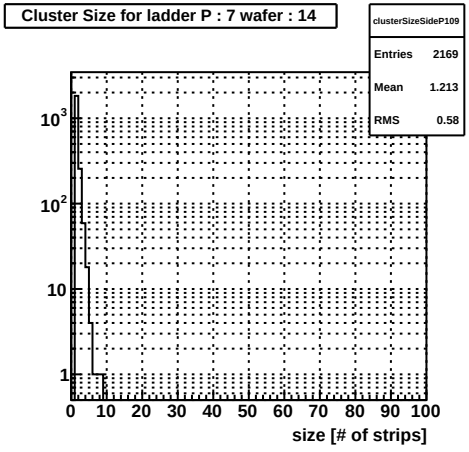

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 2604
Mean 1.186
RMS 0.5244
size [# of strips]

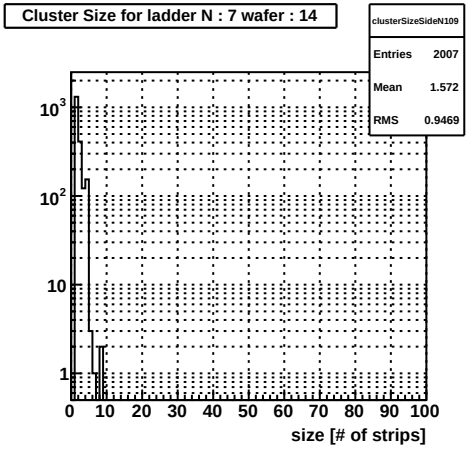

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1153
Mean 1.6
RMS 0.871
size [# of strips]

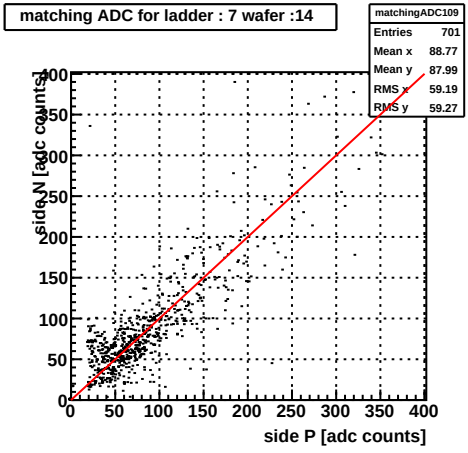

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 837
Mean x 87.85
Mean y 90.49
RMS x 61.51
RMS y 63.95
side N [adc counts]
side P [adc counts]

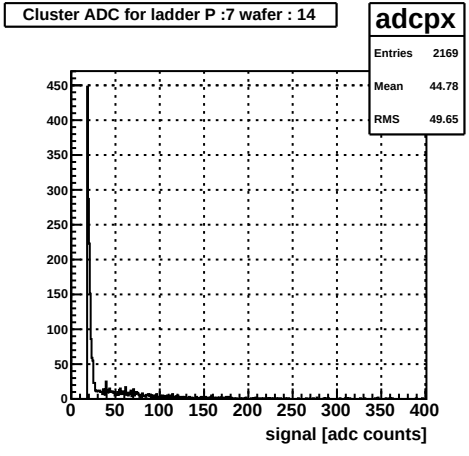

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 2604
Mean 44.16
RMS 48.93
signal [adc counts]

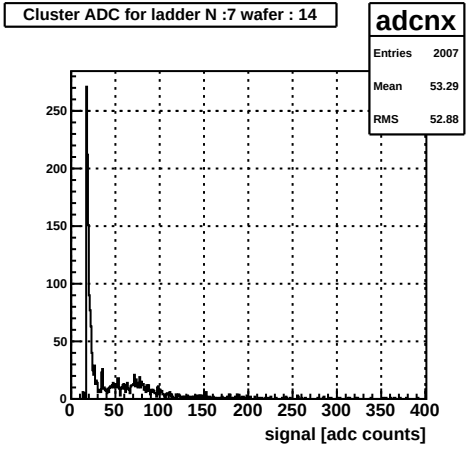

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1153
Mean 77.57
RMS 65.21
signal [adc counts]

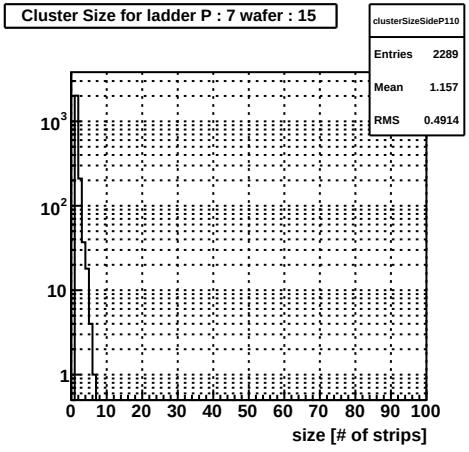

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2169
Mean 1.213
RMS 0.58
size [# of strips]

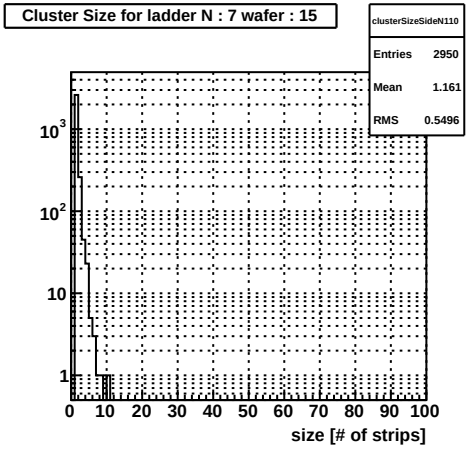

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2007
Mean 1.572
RMS 0.9469
size [# of strips]

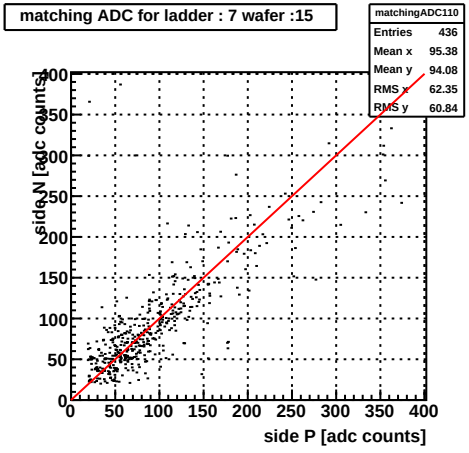

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 701
Mean x 88.77
Mean y 87.99
RMS x 59.19
RMS y 59.27
side N [adc counts]
side P [adc counts]

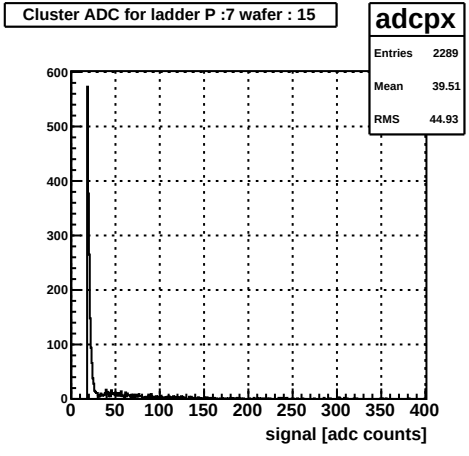

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2169
Mean 44.78
RMS 49.65
signal [adc counts]

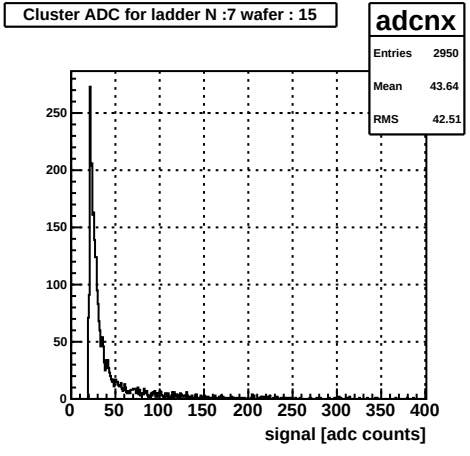

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2007
Mean 53.29
RMS 52.88
signal [adc counts]

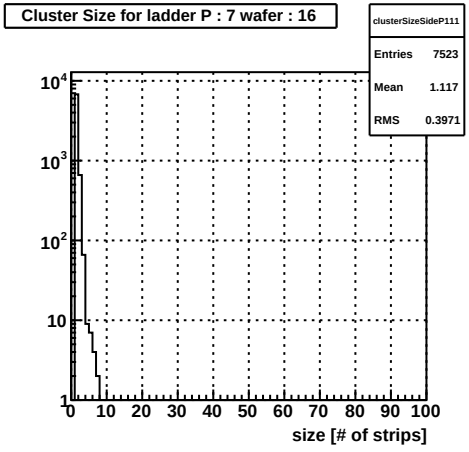

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2289
Mean 1.157
RMS 0.4914
size [# of strips]

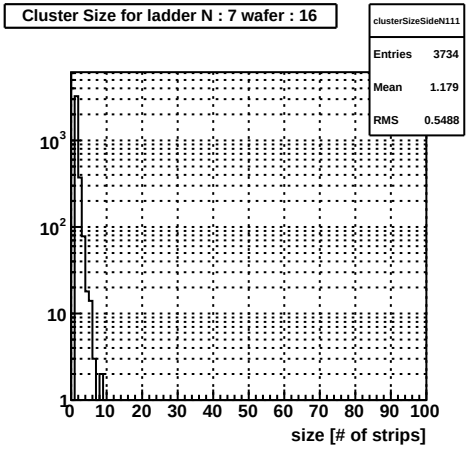

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2950
Mean 1.161
RMS 0.5496
size [# of strips]

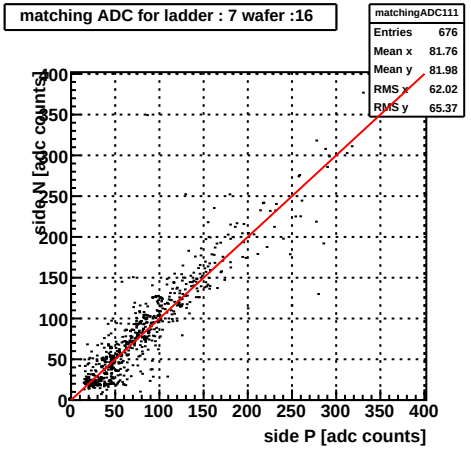

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 436
Mean x 95.38
Mean y 94.08
RMS x 62.35
RMS y 60.84
side N [adc counts]
side P [adc counts]

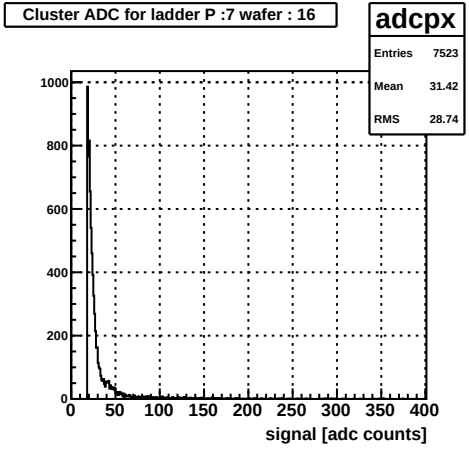

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2289
Mean 39.51
RMS 44.93
signal [adc counts]

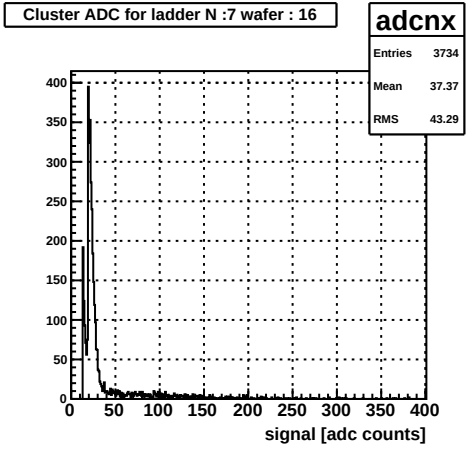

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2950
Mean 43.64
RMS 42.51
signal [adc counts]

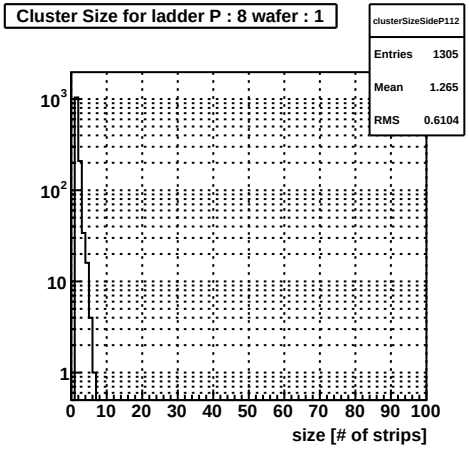

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 7523
Mean 1.117
RMS 0.3971
size [# of strips]

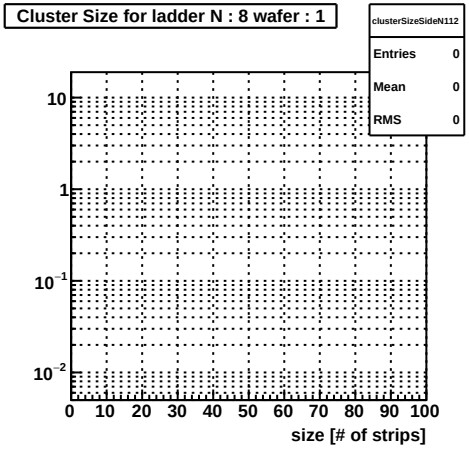

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3734
Mean 1.179
RMS 0.5488
size [# of strips]

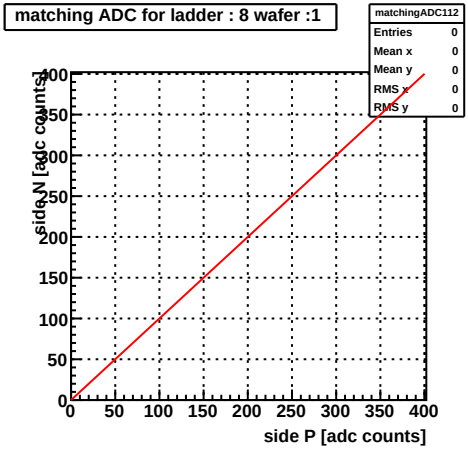

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 676
Mean x 81.76
Mean y 81.98
RMS x 62.02
RMS y 65.37
side N [adc counts]
side P [adc counts]

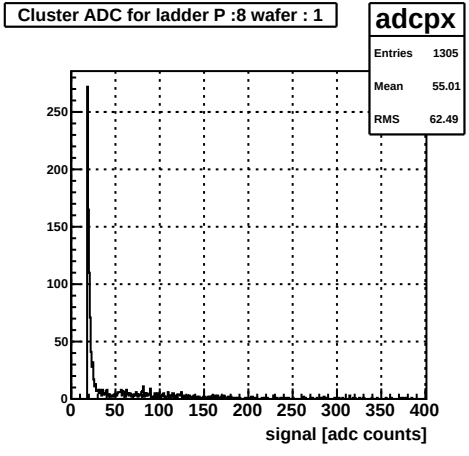

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 7523
Mean 31.42
RMS 28.74
signal [adc counts]

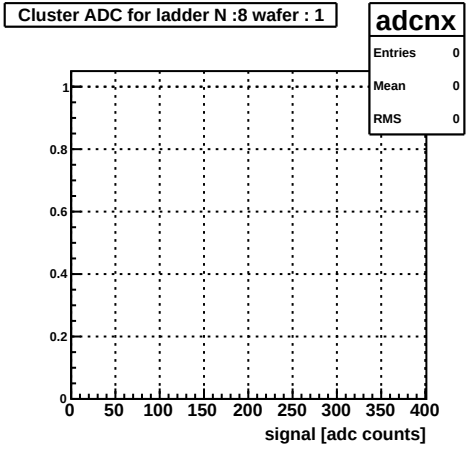

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3734
Mean 37.37
RMS 43.29
signal [adc counts]

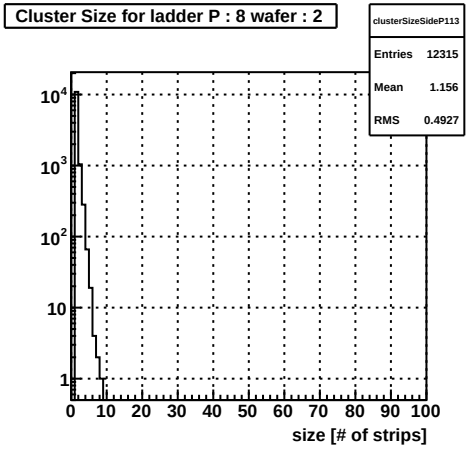

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1305
Mean 1.265
RMS 0.6104
size [# of strips]

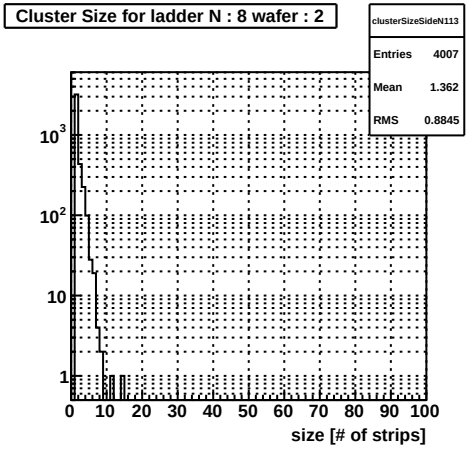

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

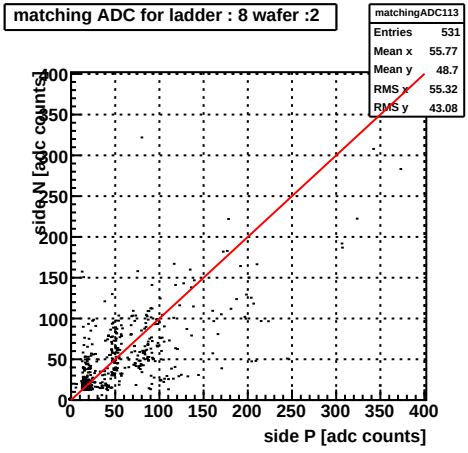

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

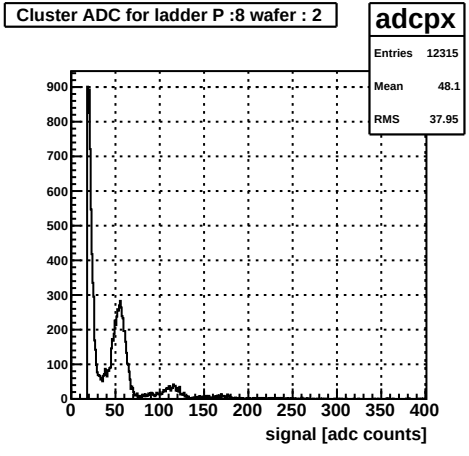

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1305
Mean 55.01
RMS 62.49
signal [adc counts]

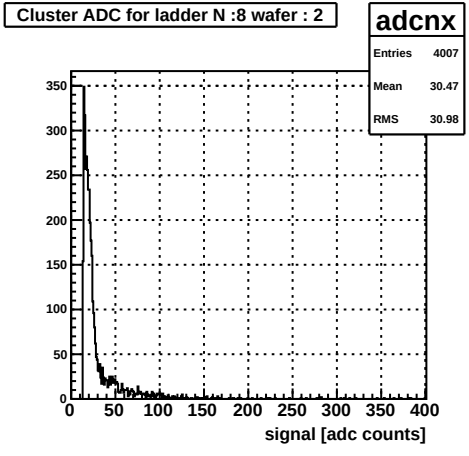

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

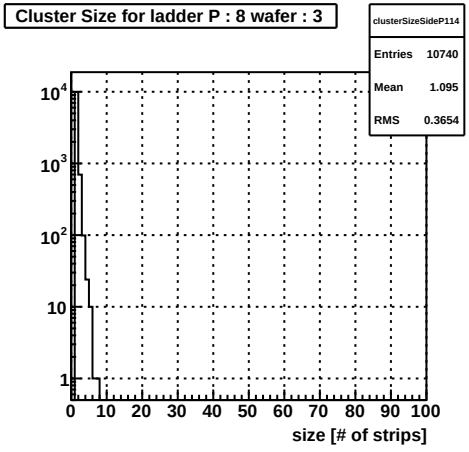

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 12315
Mean 1.156
RMS 0.4927
size [# of strips]

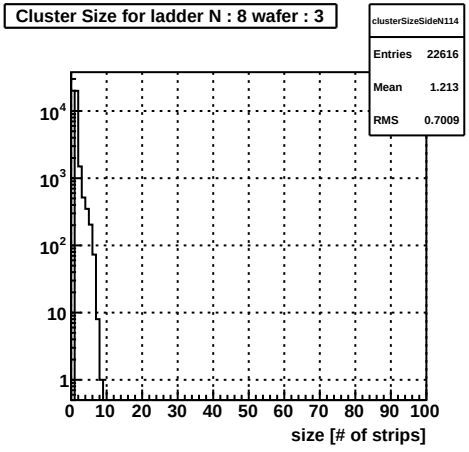

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 4007
Mean 1.362
RMS 0.8845
size [# of strips]

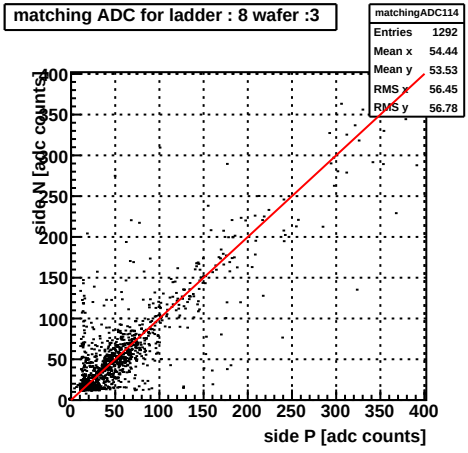

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 531
Mean x 55.77
Mean y 48.7
RMS x 55.32
RMS y 43.08
side N [adc counts]
side P [adc counts]

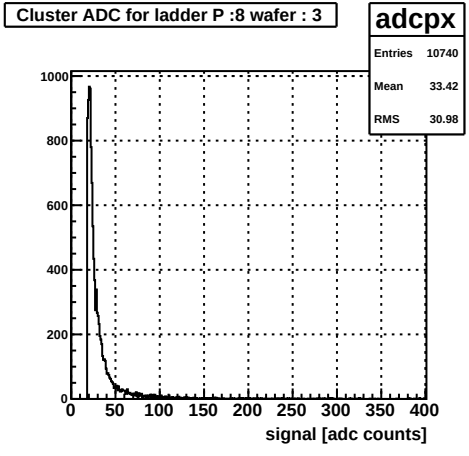

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 12315
Mean 48.1
RMS 37.95
signal [adc counts]

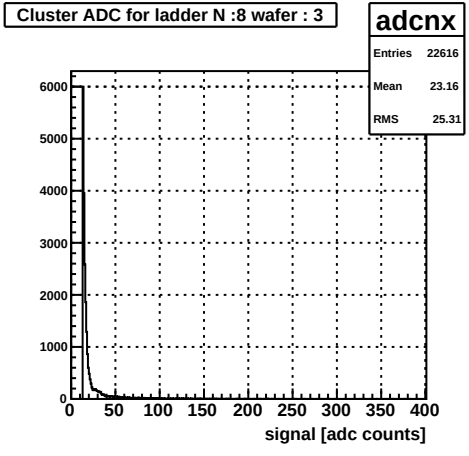

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 4007
Mean 30.47
RMS 30.98
signal [adc counts]

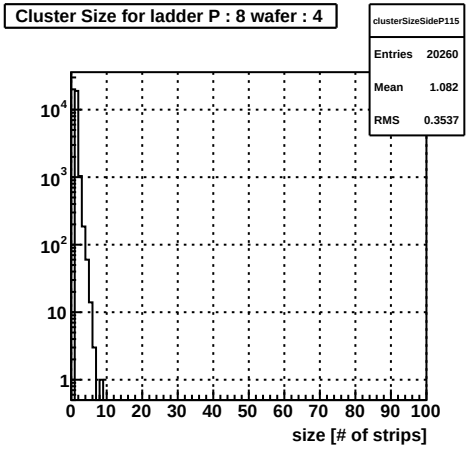

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 10740
Mean 1.095
RMS 0.3654
size [# of strips]

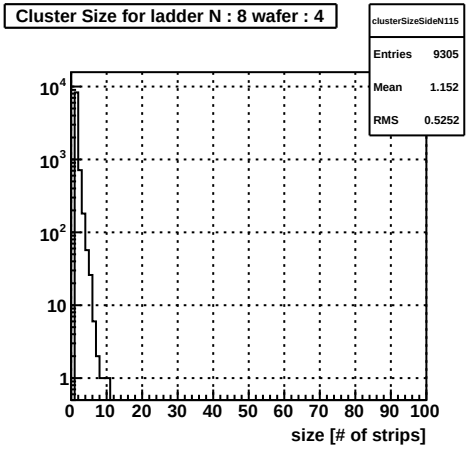

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 22616
Mean 1.213
RMS 0.7009
size [# of strips]

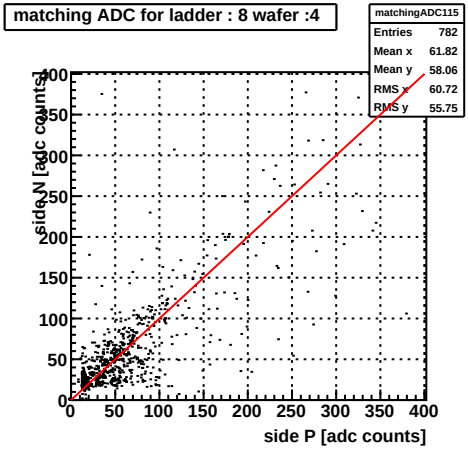

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1292
Mean x 54.44
Mean y 53.53
RMS x 56.45
RMS y 56.78
side N [adc counts]
side P [adc counts]

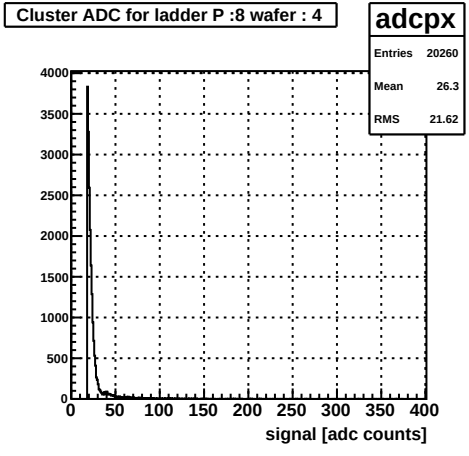

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 10740
Mean 33.42
RMS 30.98
signal [adc counts]

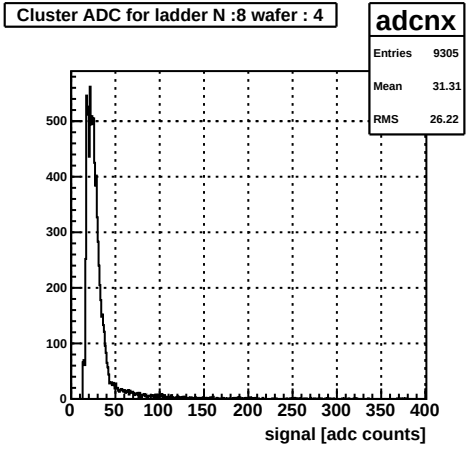

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 22616
Mean 23.16
RMS 25.31
signal [adc counts]

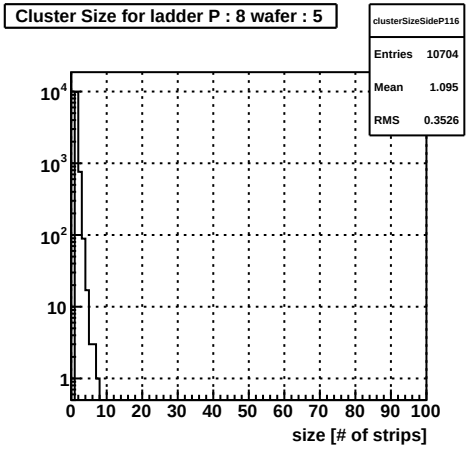

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 20260
Mean 1.082
RMS 0.3537
size [# of strips]

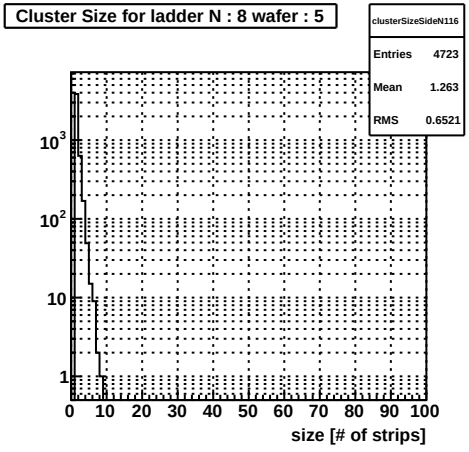

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 9305
Mean 1.152
RMS 0.5252
size [# of strips]

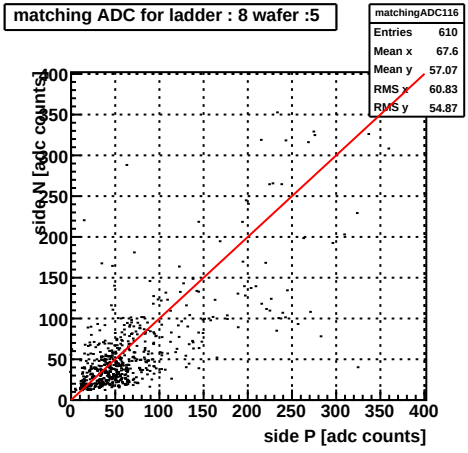

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 782
Mean x 61.82
Mean y 58.06
RMS x 60.72
RMS y 55.75
side N [adc counts]
side P [adc counts]

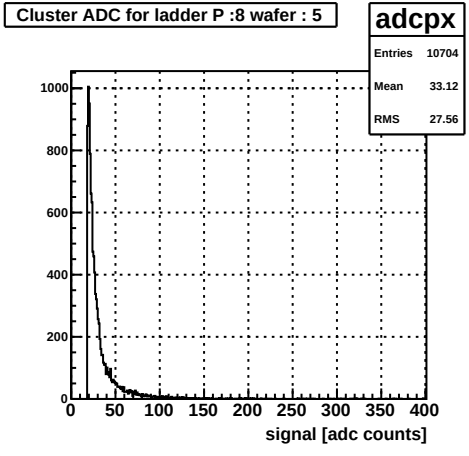

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 20260
Mean 26.3
RMS 21.62
signal [adc counts]

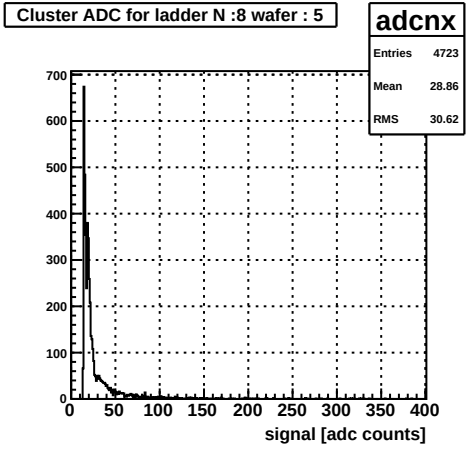

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 9305
Mean 31.31
RMS 26.22
signal [adc counts]

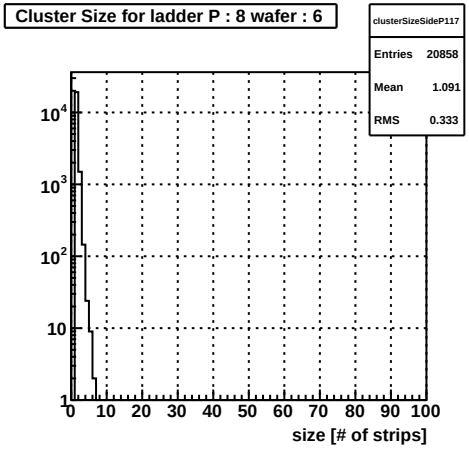

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 10704
Mean 1.095
RMS 0.3526
size [# of strips]

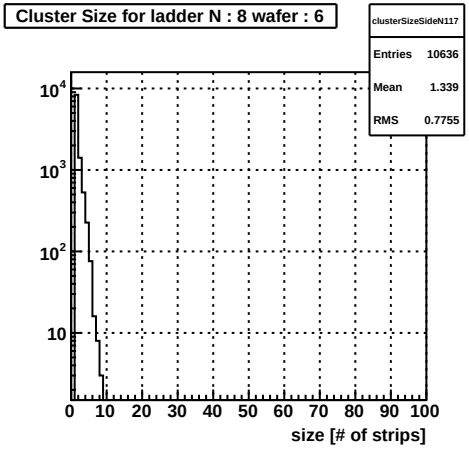

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 4723
Mean 1.263
RMS 0.6521
size [# of strips]

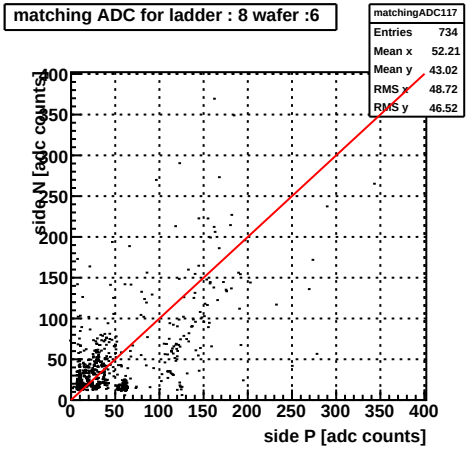

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 610
Mean x 67.6
Mean y 57.07
RMS x 60.83
RMS y 54.87
side N [adc counts]
side P [adc counts]

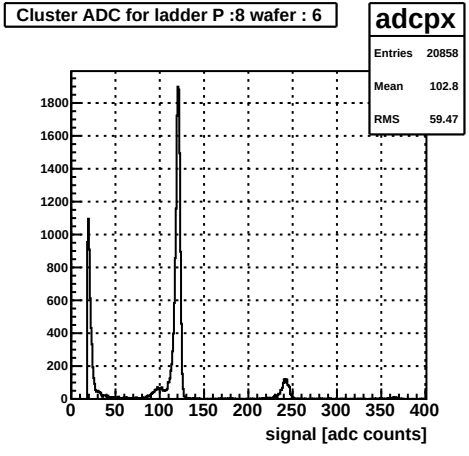

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 10704
Mean 33.12
RMS 27.56
signal [adc counts]

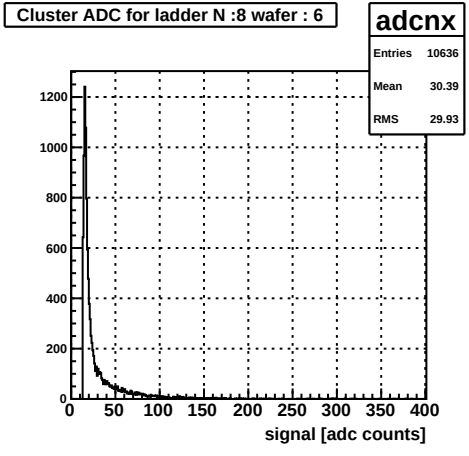

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 4723
Mean 28.86
RMS 30.62
signal [adc counts]

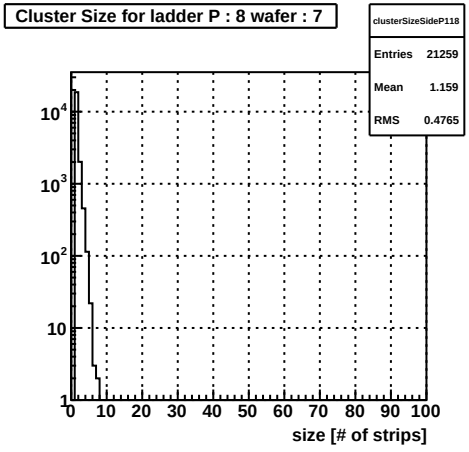

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 20858
Mean 1.091
RMS 0.333
size [# of strips]

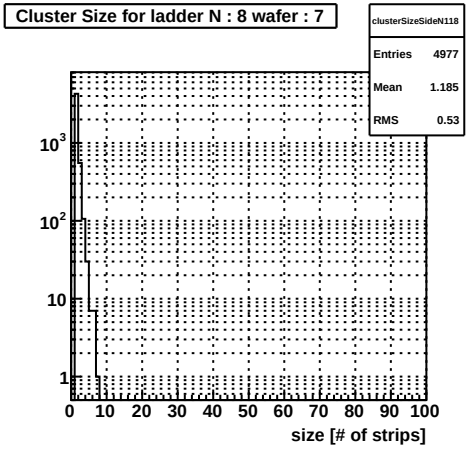

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 10636
Mean 1.339
RMS 0.7755
size [# of strips]

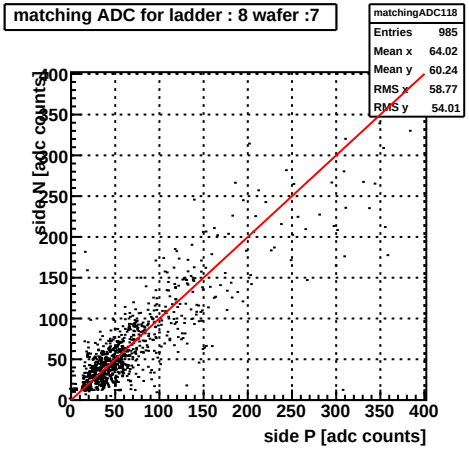

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 734
Mean x 52.21
Mean y 43.02
RMS x 48.72
RMS y 46.52
side N [adc counts]
side P [adc counts]

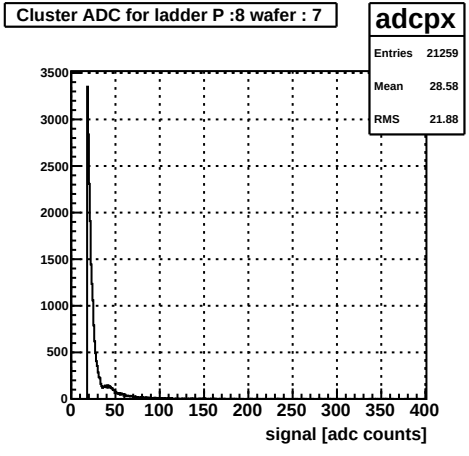

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 20858
Mean 102.8
RMS 59.47
signal [adc counts]

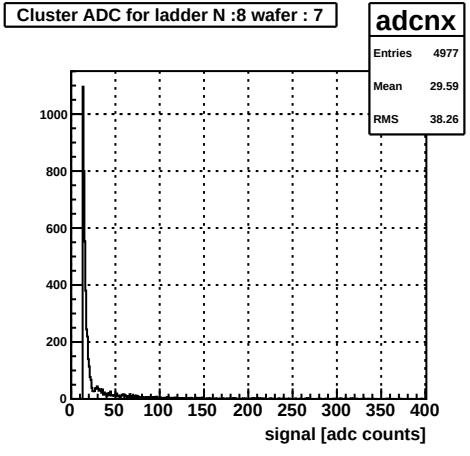

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 10636
Mean 30.39
RMS 29.93
signal [adc counts]

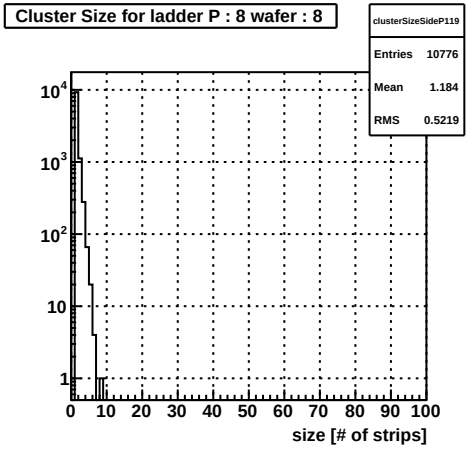

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 21259
Mean 1.159
RMS 0.4765
size [# of strips]

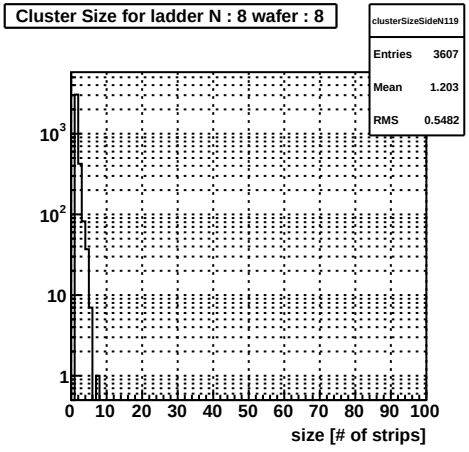

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 4977
Mean 1.185
RMS 0.53
size [# of strips]

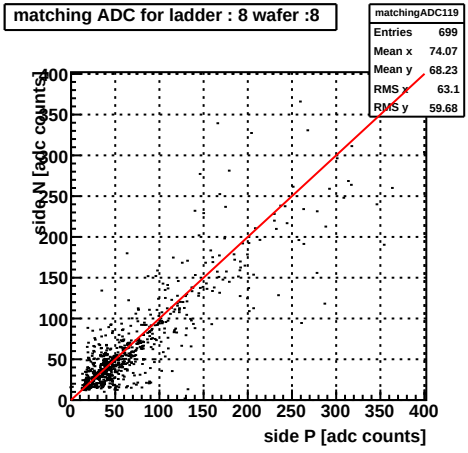

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 985
Mean x 64.02
Mean y 60.24
RMS x 58.77
RMS y 54.01
side N [adc counts]
side P [adc counts]

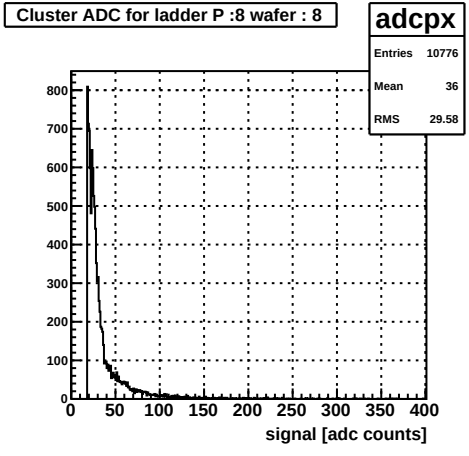

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 21259
Mean 28.58
RMS 21.88
signal [adc counts]

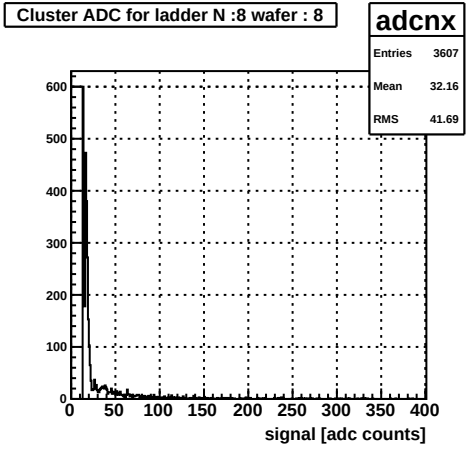

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 4977
Mean 29.59
RMS 38.26
signal [adc counts]

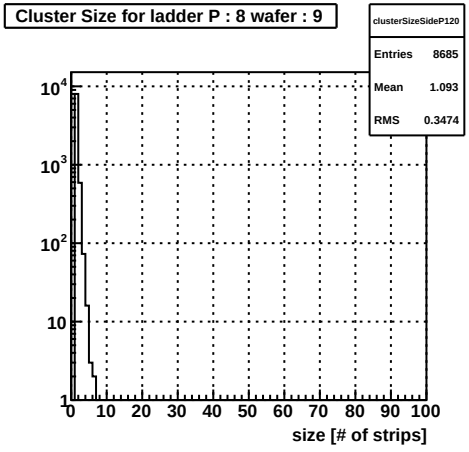

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 10776
Mean 1.184
RMS 0.5219
size [# of strips]

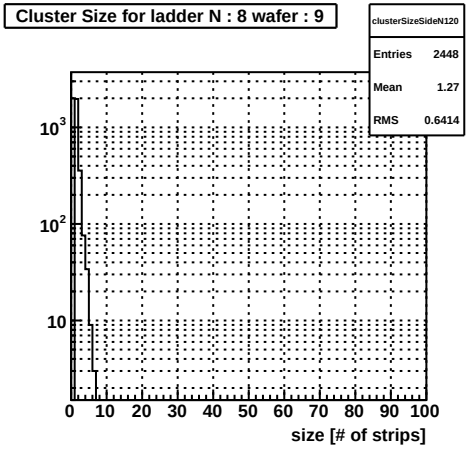

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 3607
Mean 1.203
RMS 0.5482
size [# of strips]

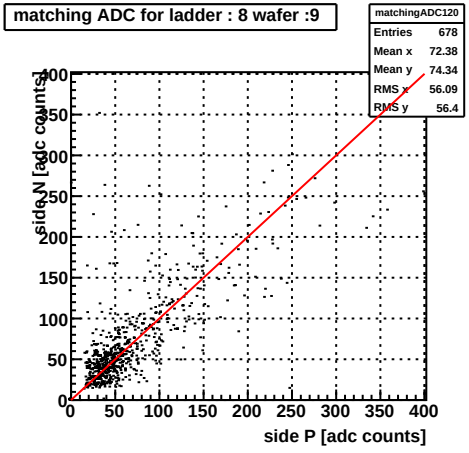

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 699
Mean x 74.07
Mean y 68.23
RMS x 63.1
RMS y 59.68
side N [adc counts]
side P [adc counts]

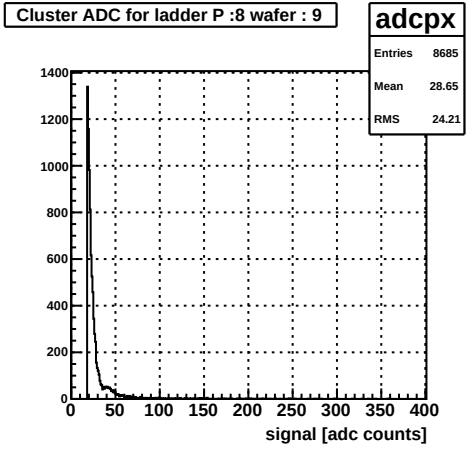

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 10776
Mean 36
RMS 29.58
signal [adc counts]

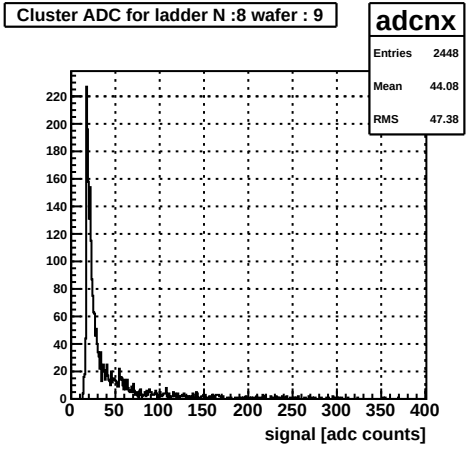

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 3607
Mean 32.16
RMS 41.69
signal [adc counts]

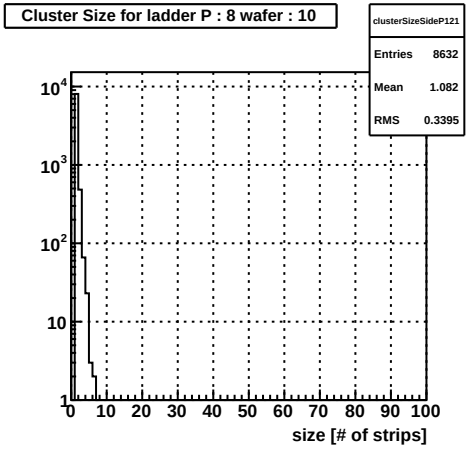

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 8685
Mean 1.093
RMS 0.3474
size [# of strips]

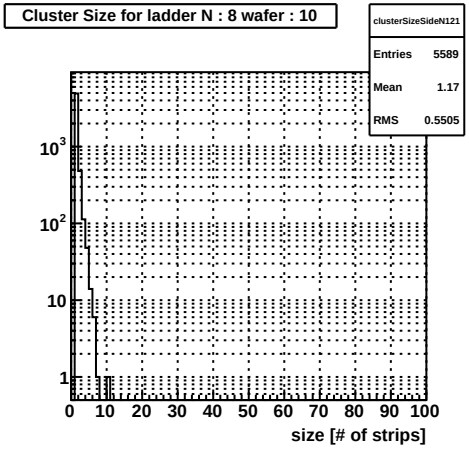

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2448
Mean 1.27
RMS 0.6414
size [# of strips]

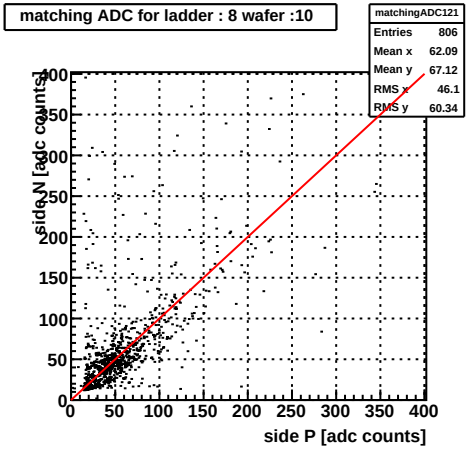

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 678
Mean x 72.38
Mean y 74.34
RMS x 56.09
RMS y 56.4
side N [adc counts]
side P [adc counts]

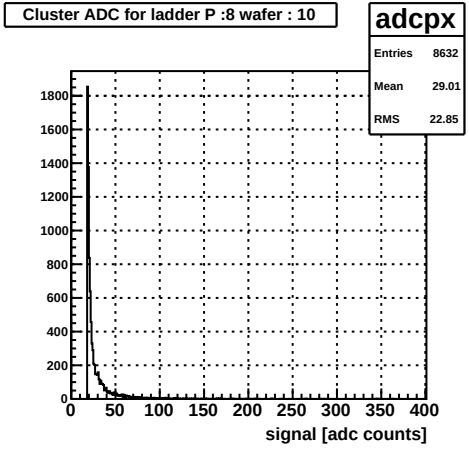

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 8685
Mean 28.65
RMS 24.21
signal [adc counts]

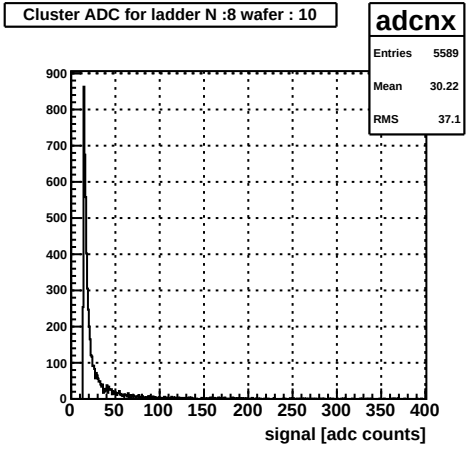

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2448
Mean 44.08
RMS 47.38
signal [adc counts]

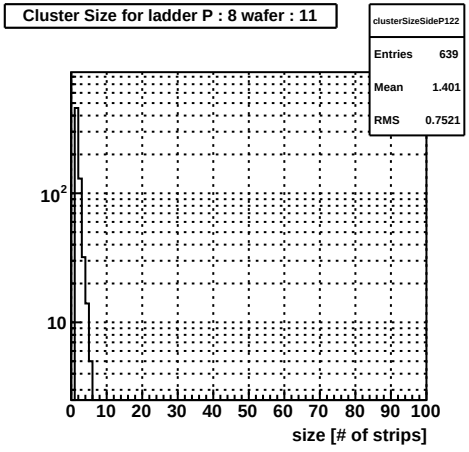

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 8632
Mean 1.082
RMS 0.3395
size [# of strips]

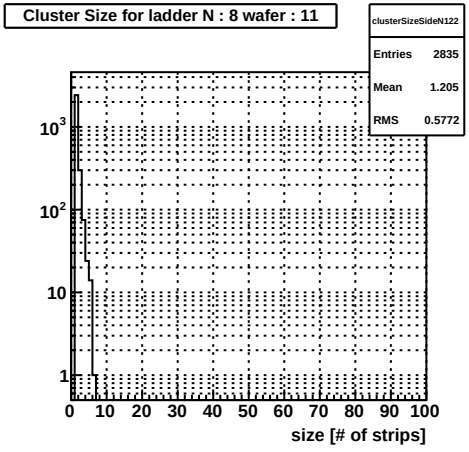

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 5589
Mean 1.17
RMS 0.5505
size [# of strips]

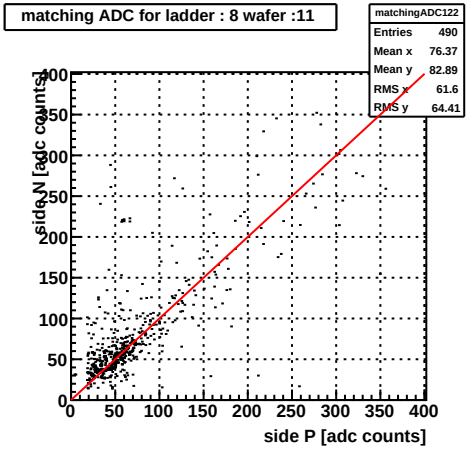

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 806
Mean x 62.09
Mean y 67.12
RMS x 46.1
RMS y 60.34
side N [adc counts]
side P [adc counts]

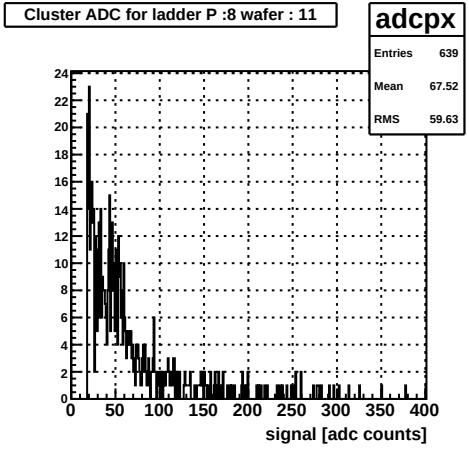

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 8632
Mean 29.01
RMS 22.85
signal [adc counts]

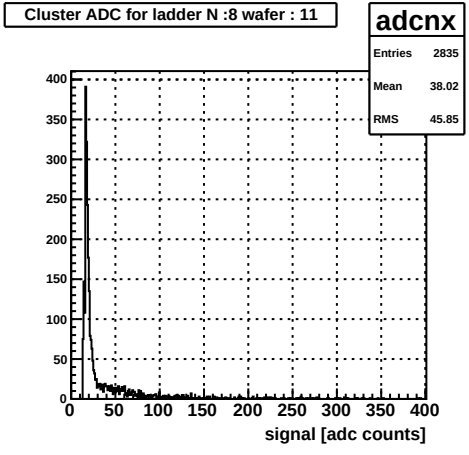

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 5589
Mean 30.22
RMS 37.1
signal [adc counts]

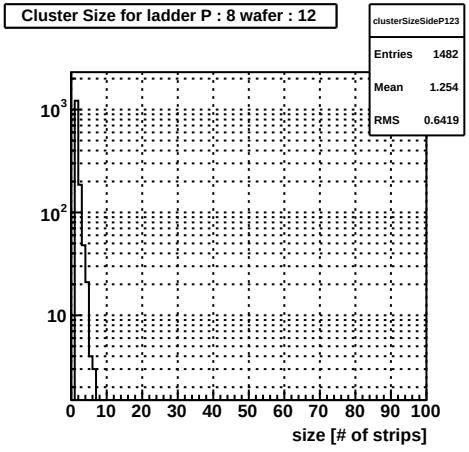

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 639
Mean 1.401
RMS 0.7521
size [# of strips]

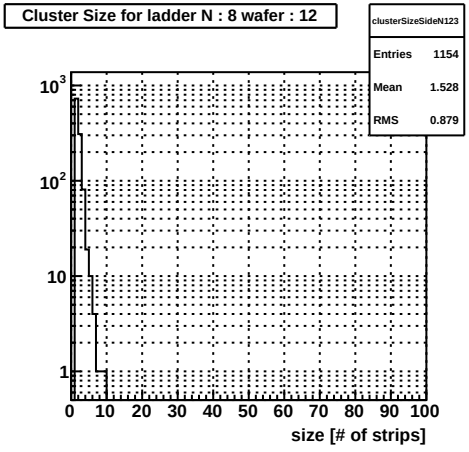

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2835
Mean 1.205
RMS 0.5772
size [# of strips]

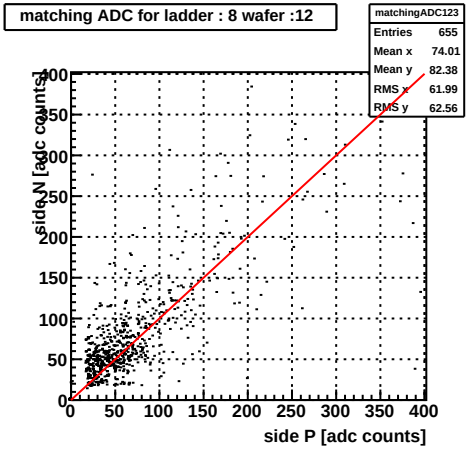

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 490
Mean x 76.37
Mean y 82.89
RMS x 61.6
RMS y 64.41
side N [adc counts]
side P [adc counts]

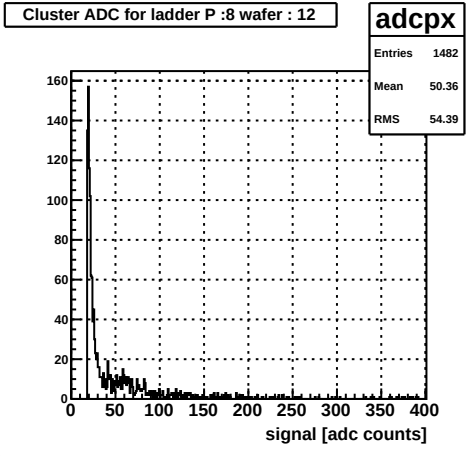

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 639
Mean 67.52
RMS 59.63
signal [adc counts]

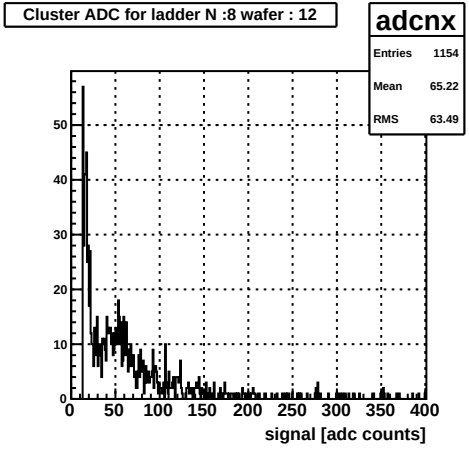

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2835
Mean 38.02
RMS 45.85
signal [adc counts]

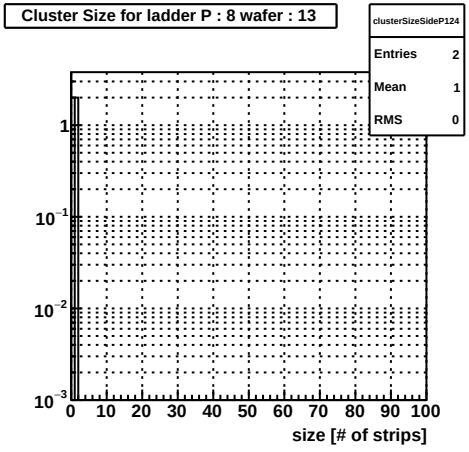

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1482
Mean 1.254
RMS 0.6419
size [# of strips]

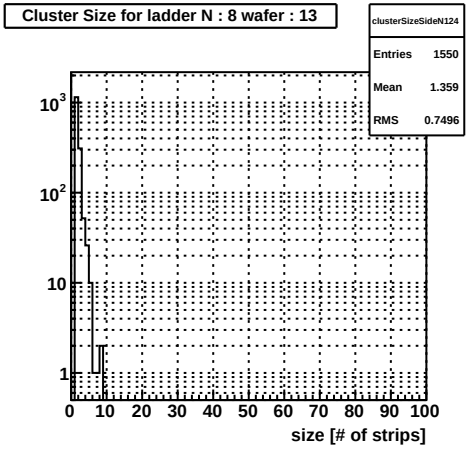

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1154
Mean 1.528
RMS 0.879
size [# of strips]

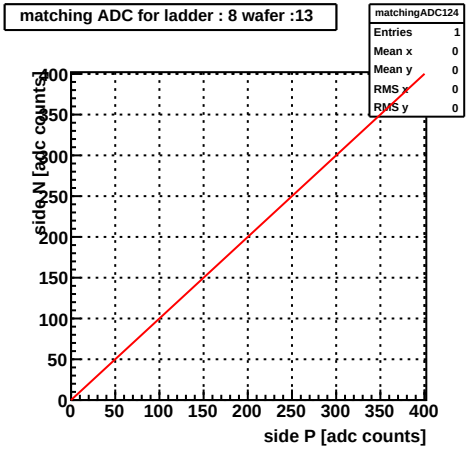

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 655
Mean x 74.01
Mean y 82.38
RMS x 61.99
RMS y 62.56
side N [adc counts]
side P [adc counts]

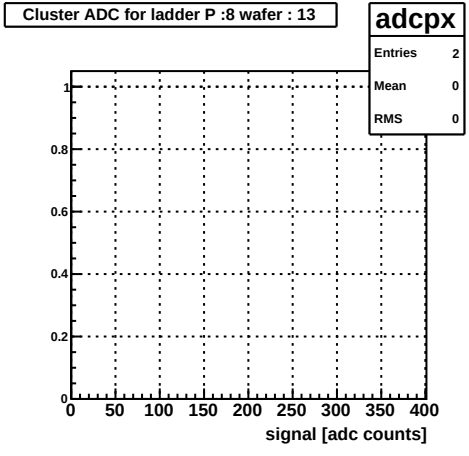

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1482
Mean 50.36
RMS 54.39
signal [adc counts]

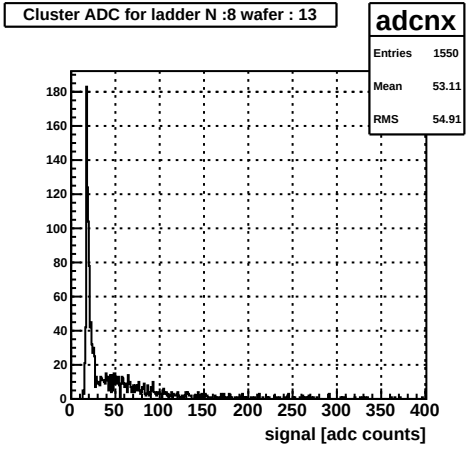

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1154
Mean 65.22
RMS 63.49
signal [adc counts]

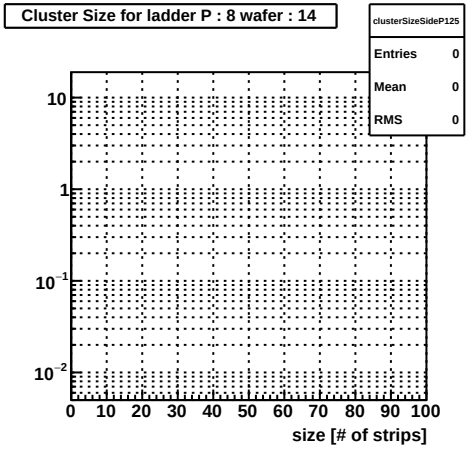

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1
RMS 0
size [# of strips]

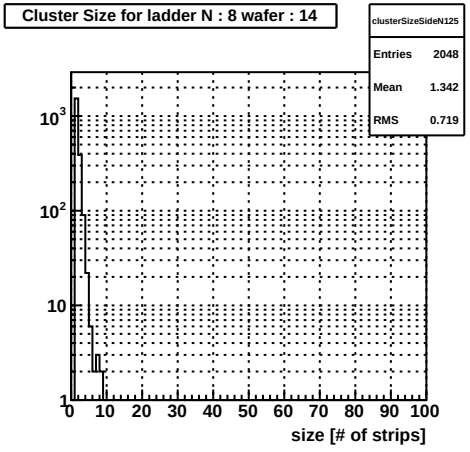

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1550
Mean 1.359
RMS 0.7496
size [# of strips]

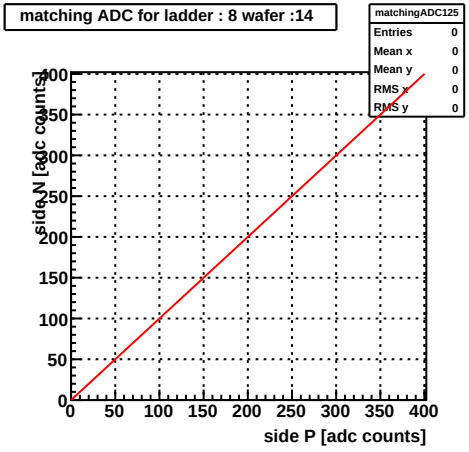

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

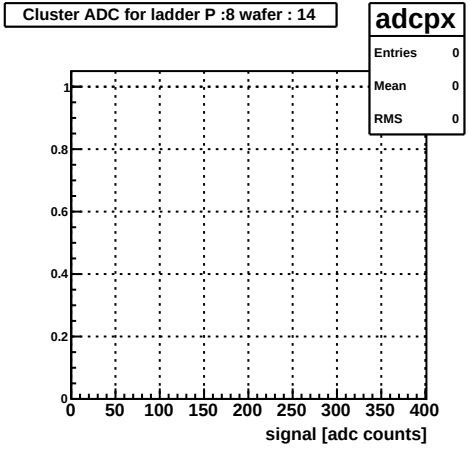

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

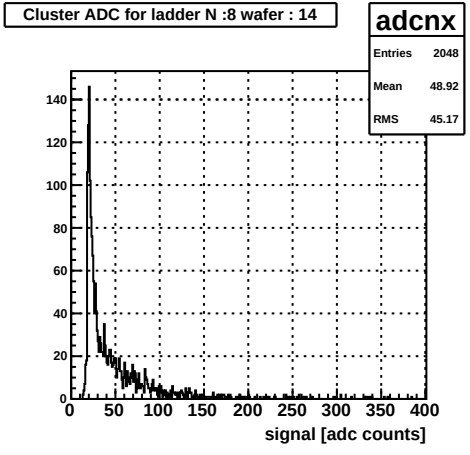

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1550
Mean 53.11
RMS 54.91
signal [adc counts]

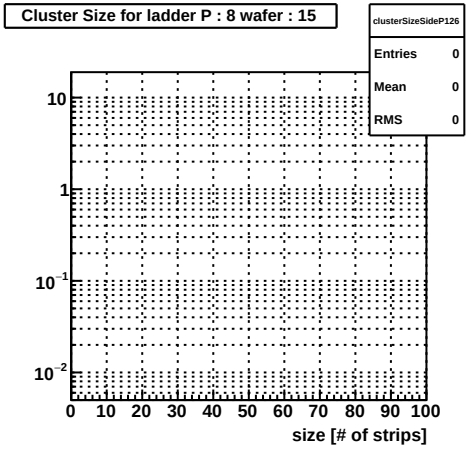

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

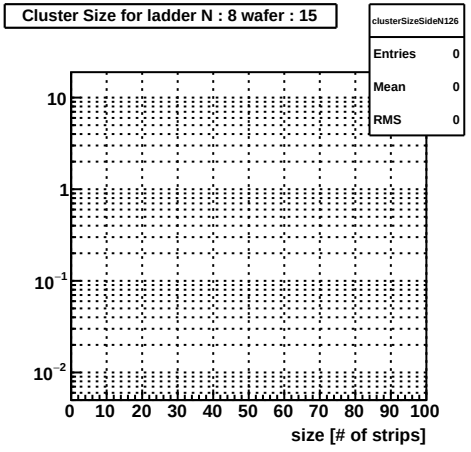

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2048
Mean 1.342
RMS 0.719
size [# of strips]

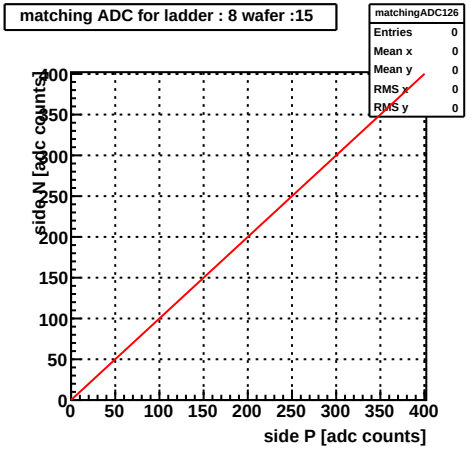

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

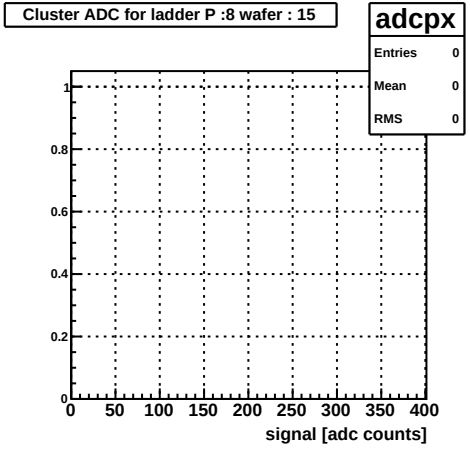

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

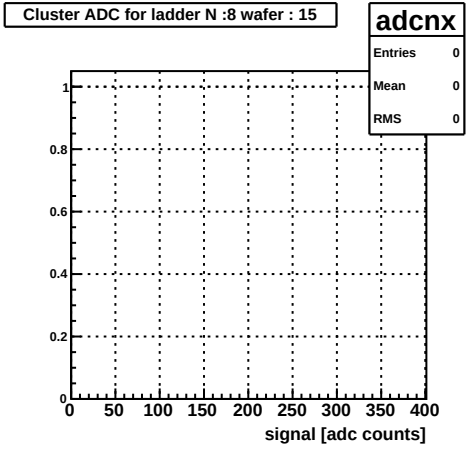

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2048
Mean 48.92
RMS 45.17
signal [adc counts]

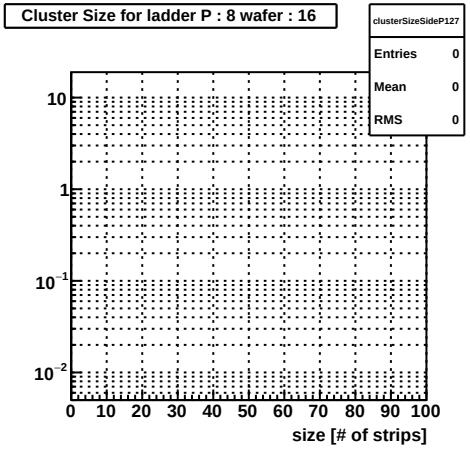

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

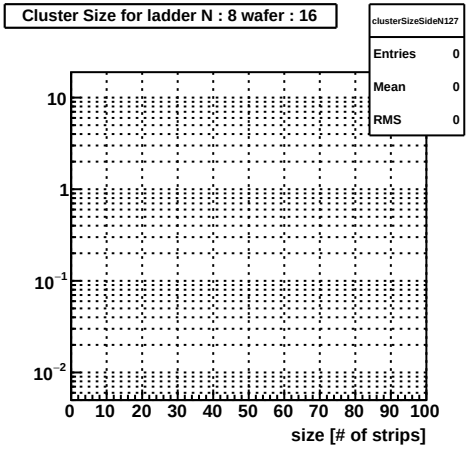

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

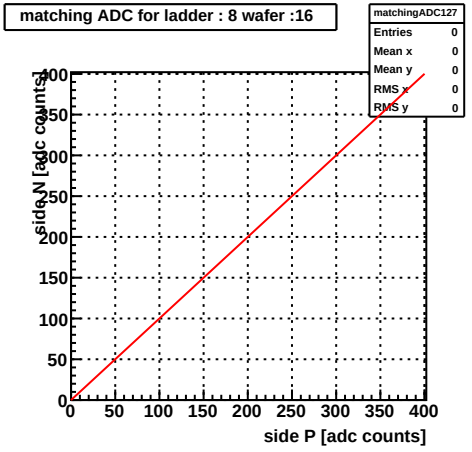

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

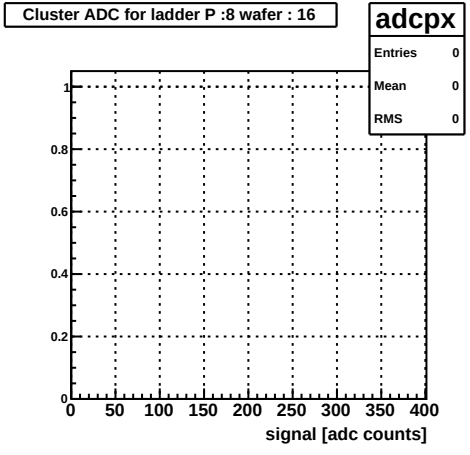

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

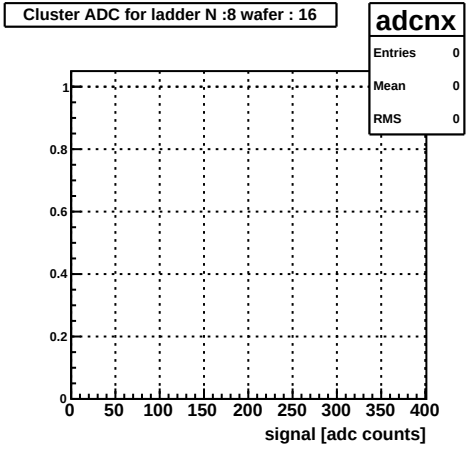

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

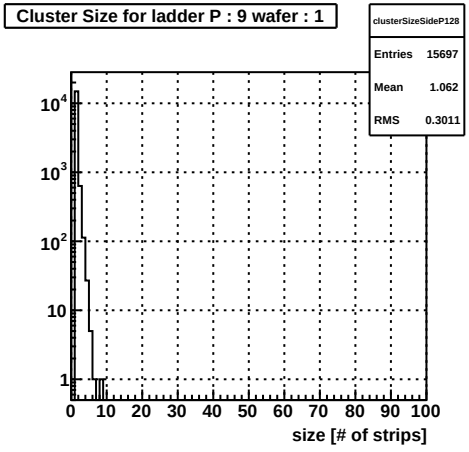

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

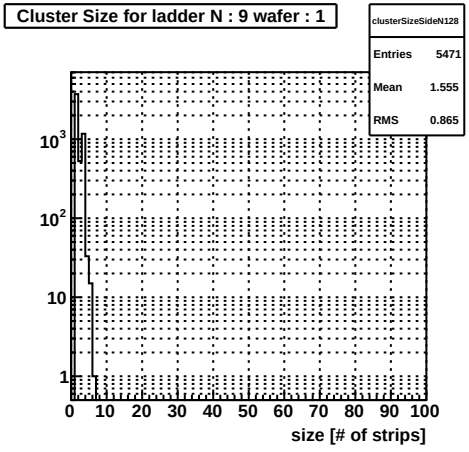

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

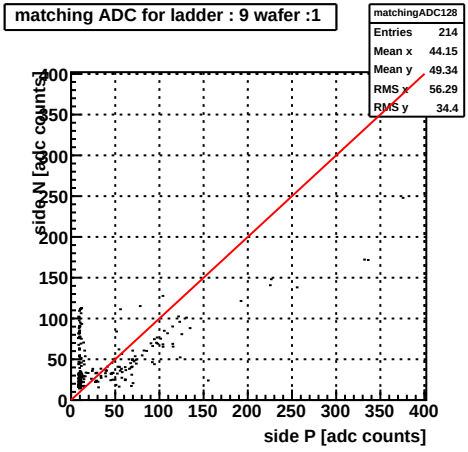

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

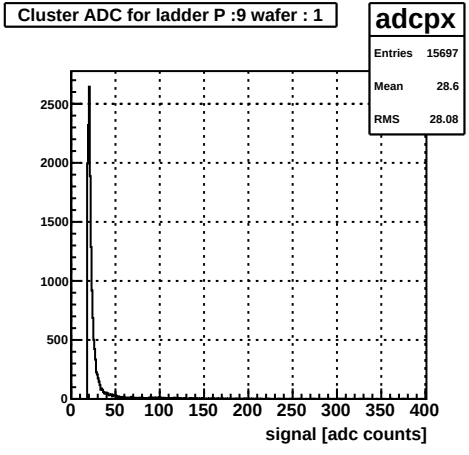

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

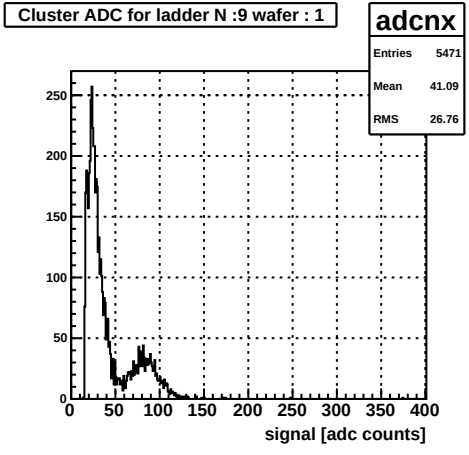

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

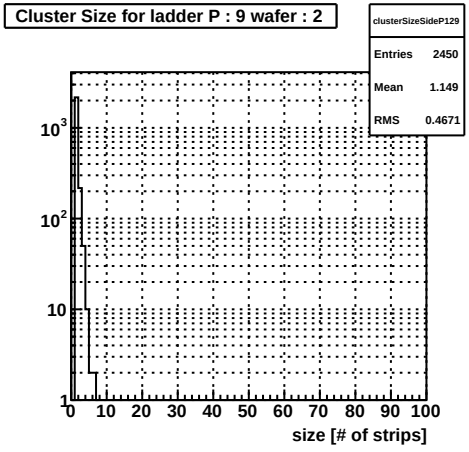

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 15697
Mean 1.062
RMS 0.3011
size [# of strips]

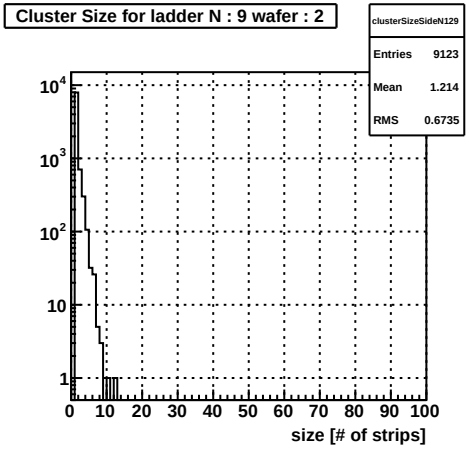

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 5471
Mean 1.555
RMS 0.865
size [# of strips]

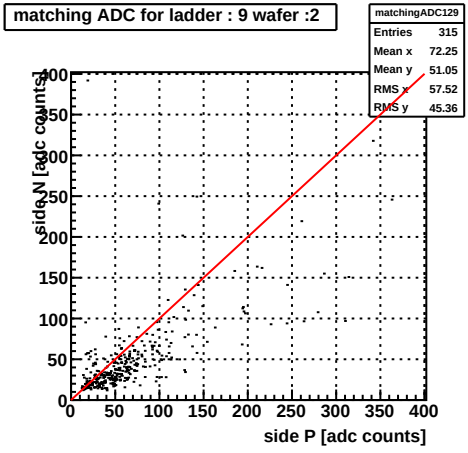

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 214
Mean x 44.15
Mean y 49.34
RMS x 56.29
RMS y 34.4
side N [adc counts]
side P [adc counts]

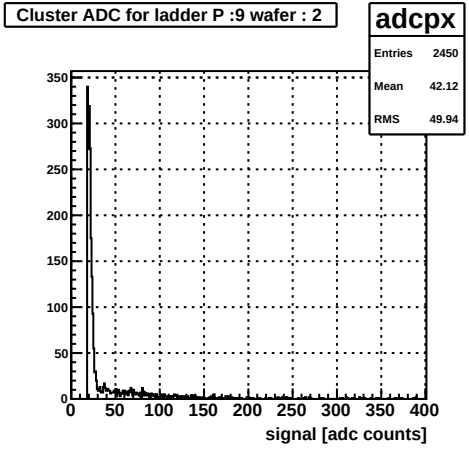

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 15697
Mean 28.6
RMS 28.08
signal [adc counts]

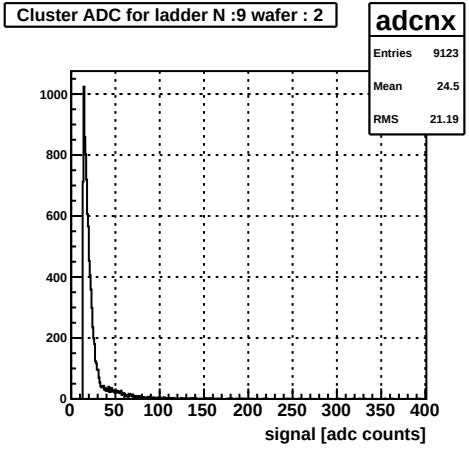

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 5471
Mean 41.09
RMS 26.76
signal [adc counts]

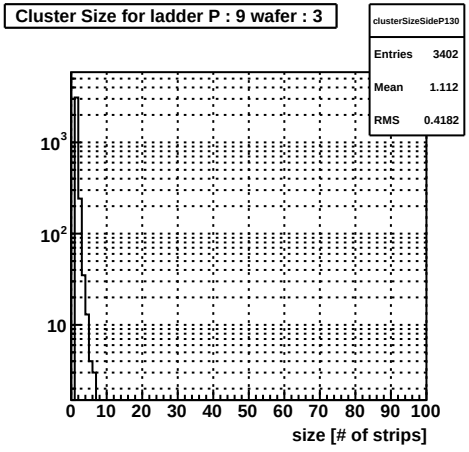

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2450
Mean 1.149
RMS 0.4671
size [# of strips]

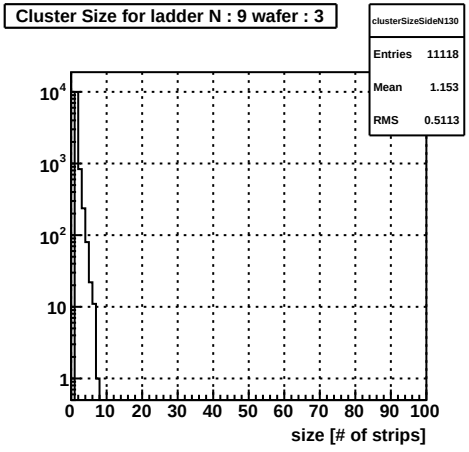

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 9123
Mean 1.214
RMS 0.6735
size [# of strips]

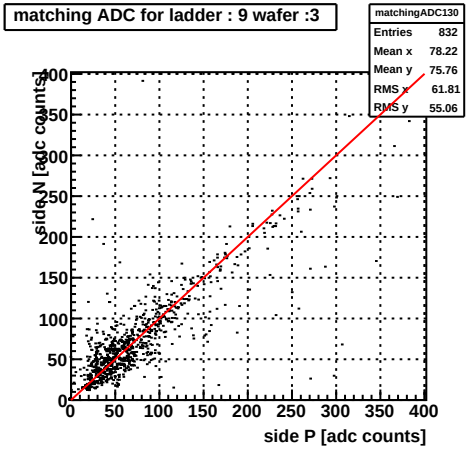

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 315
Mean x 72.25
Mean y 51.05
RMS x 57.52
RMS y 45.36
side N [adc counts]
side P [adc counts]

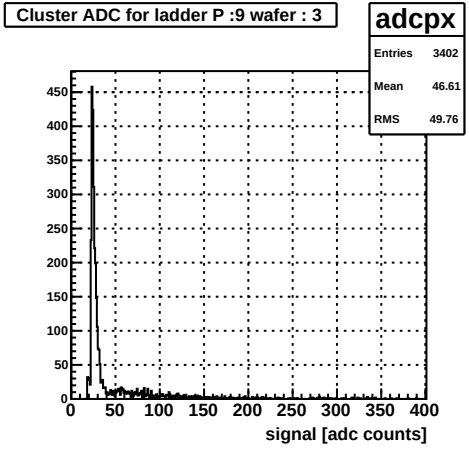

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2450
Mean 42.12
RMS 49.94
signal [adc counts]

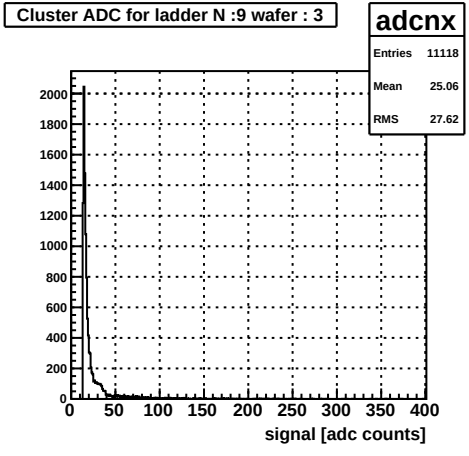

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 9123
Mean 24.5
RMS 21.19
signal [adc counts]

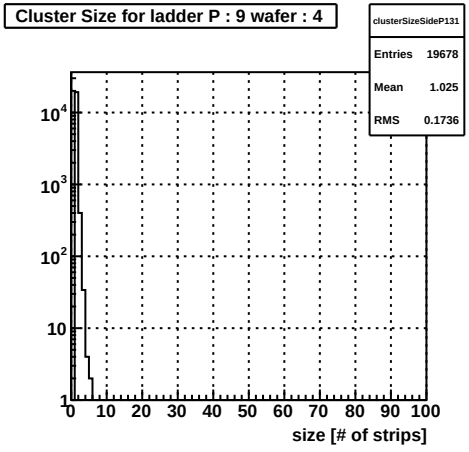

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3402
Mean 1.112
RMS 0.4182
size [# of strips]

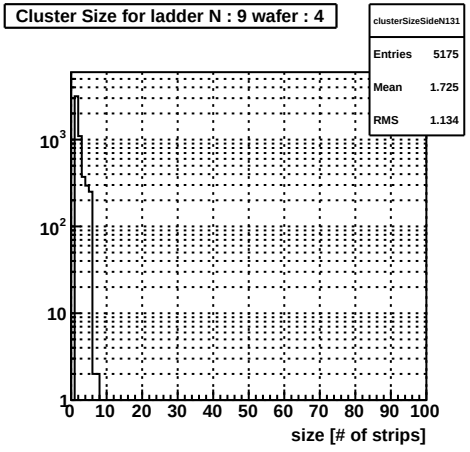

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 11118
Mean 1.153
RMS 0.5113
size [# of strips]

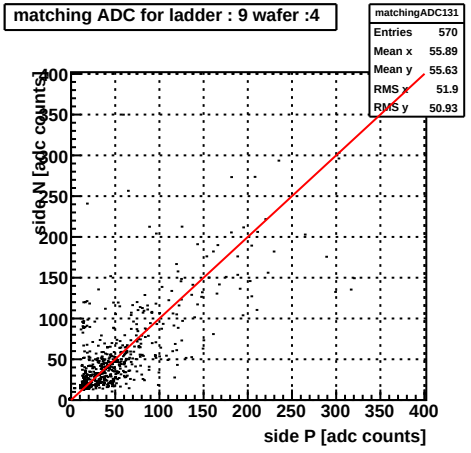

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 832
Mean x 78.22
Mean y 75.76
RMS x 61.81
RMS y 55.06
side N [adc counts]
side P [adc counts]

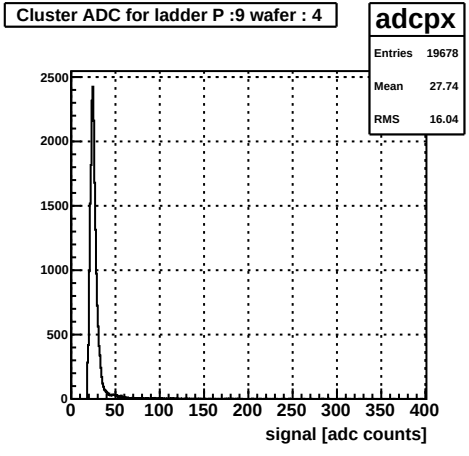

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3402
Mean 46.61
RMS 49.76
signal [adc counts]

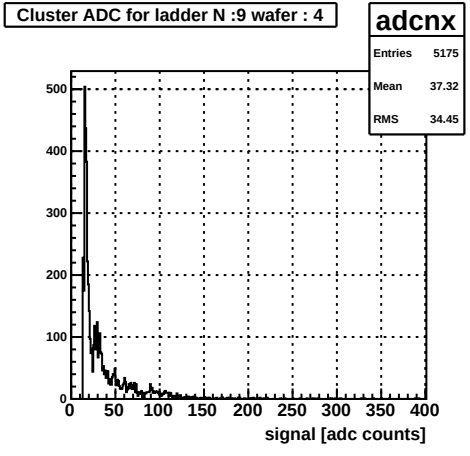

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 11118
Mean 25.06
RMS 27.62
signal [adc counts]

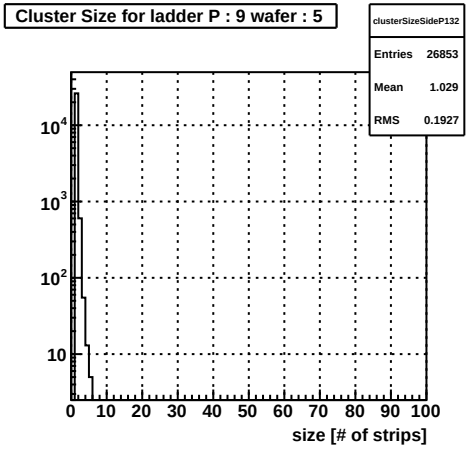

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 19678
Mean 1.025
RMS 0.1736
size [# of strips]

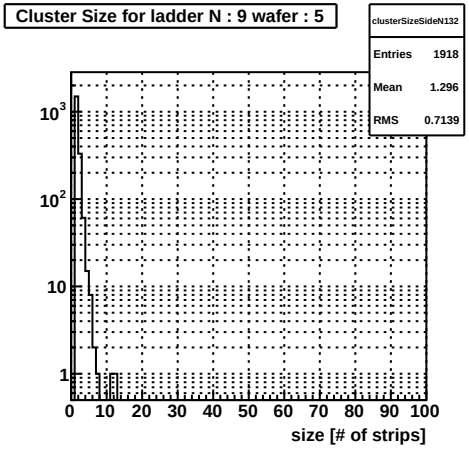

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5175
Mean 1.725
RMS 1.134
size [# of strips]

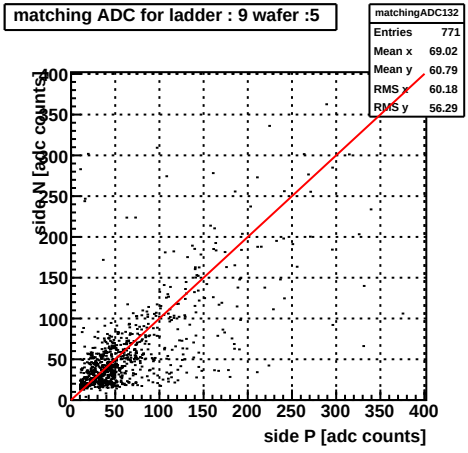

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 570
Mean x 55.89
Mean y 55.63
RMS x 51.9
RMS y 50.93
side N [adc counts]
side P [adc counts]

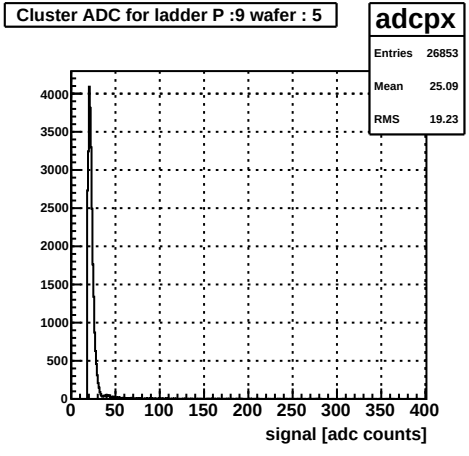

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 19678
Mean 27.74
RMS 16.04
signal [adc counts]

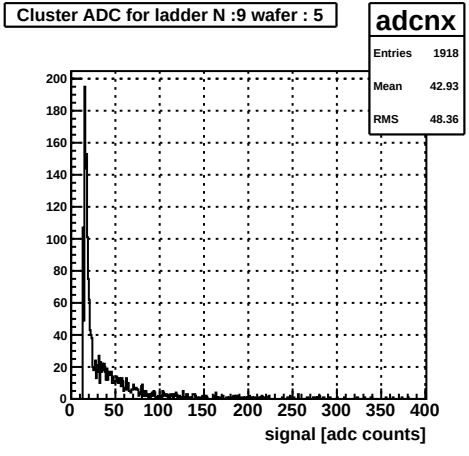

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5175
Mean 37.32
RMS 34.45
signal [adc counts]

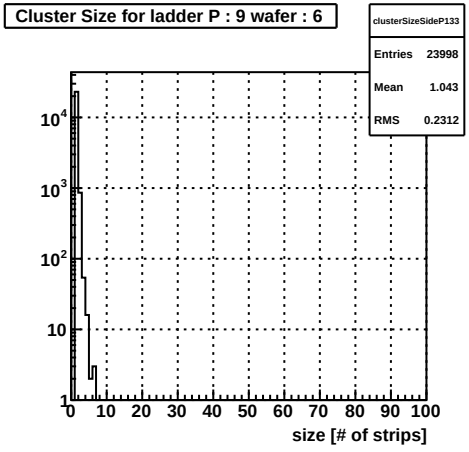

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 26853
Mean 1.029
RMS 0.1927
size [# of strips]

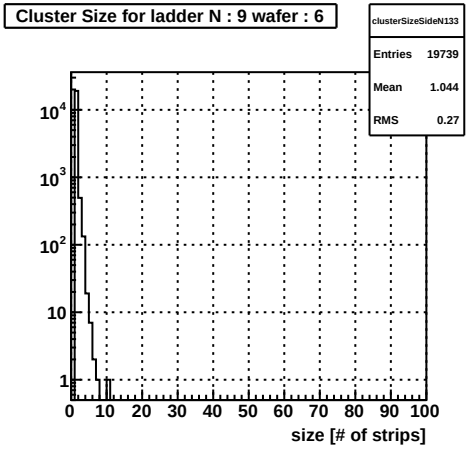

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1918
Mean 1.296
RMS 0.7139
size [# of strips]

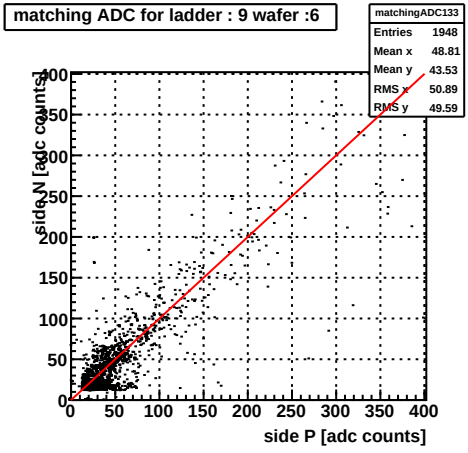

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 771
Mean x 69.02
Mean y 60.79
RMS x 60.18
RMS y 56.29
side N [adc counts]
side P [adc counts]

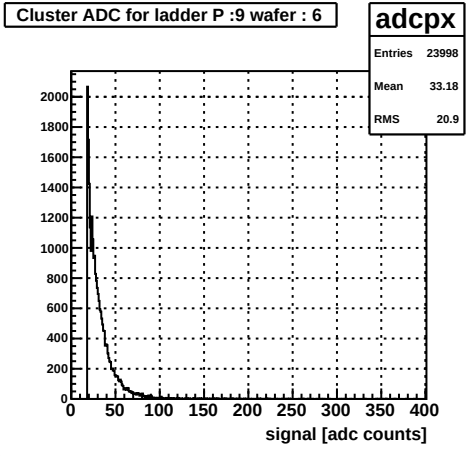

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 26853
Mean 25.09
RMS 19.23
signal [adc counts]

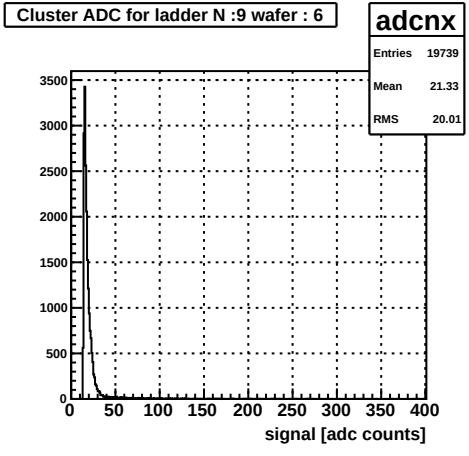

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1918
Mean 42.93
RMS 48.36
signal [adc counts]

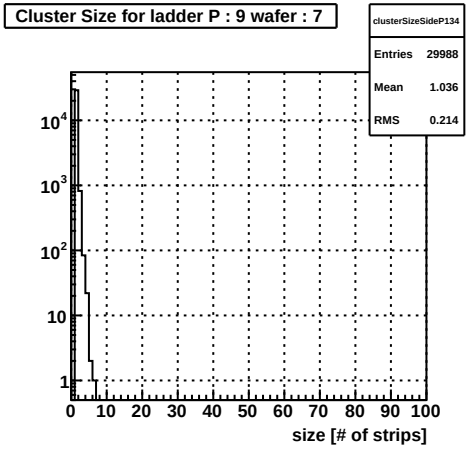

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 23998
Mean 1.043
RMS 0.2312
size [# of strips]

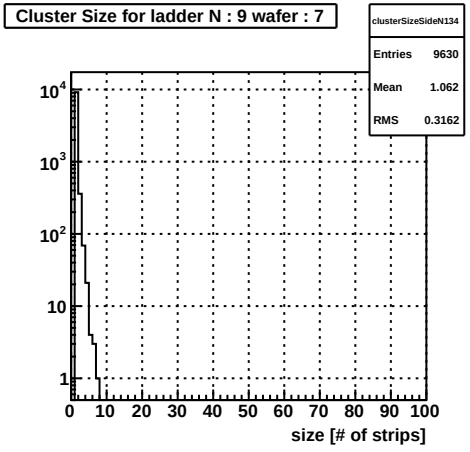

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 19739
Mean 1.044
RMS 0.27
size [# of strips]

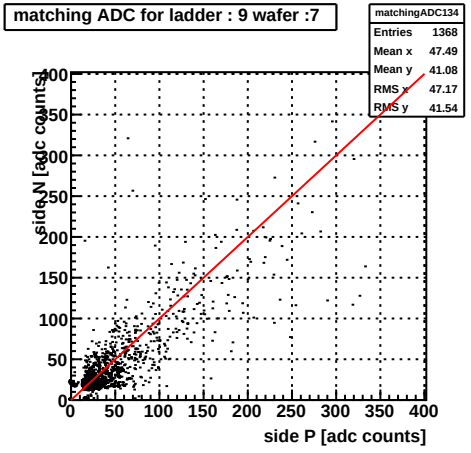

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1948
Mean x 48.81
Mean y 43.53
RMS x 50.89
RMS y 49.59
side N [adc counts]
side P [adc counts]

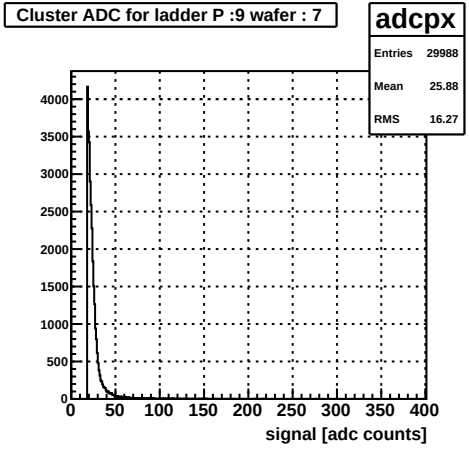

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 23998
Mean 33.18
RMS 20.9
signal [adc counts]

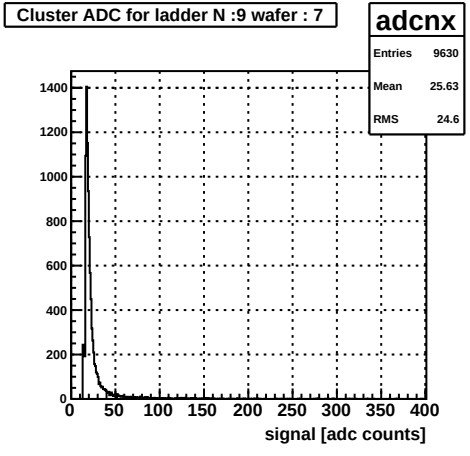

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 19739
Mean 21.33
RMS 20.01
signal [adc counts]

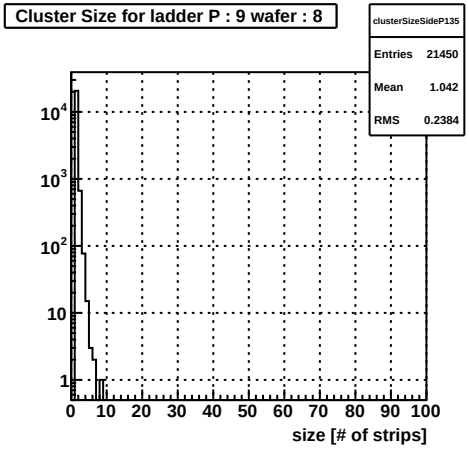

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 29988
Mean 1.036
RMS 0.214
size [# of strips]

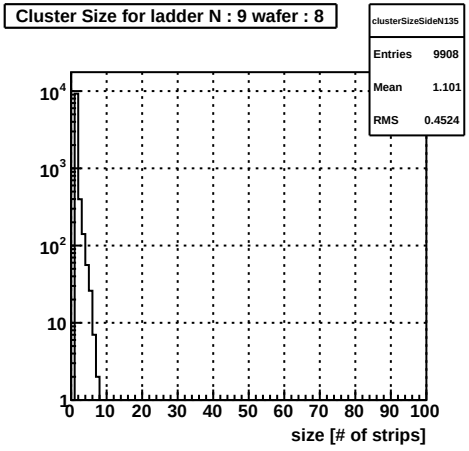

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 9630
Mean 1.062
RMS 0.3162
size [# of strips]

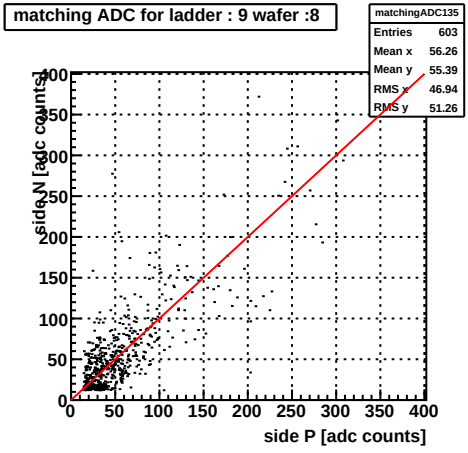

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1368
Mean x 47.49
Mean y 41.08
RMS x 47.17
RMS y 41.54
side N [adc counts]
side P [adc counts]

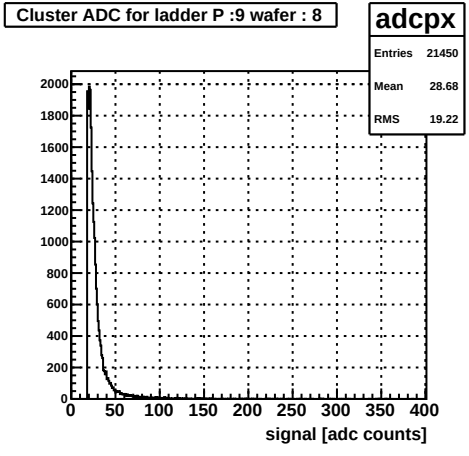

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 29988
Mean 25.88
RMS 16.27
signal [adc counts]

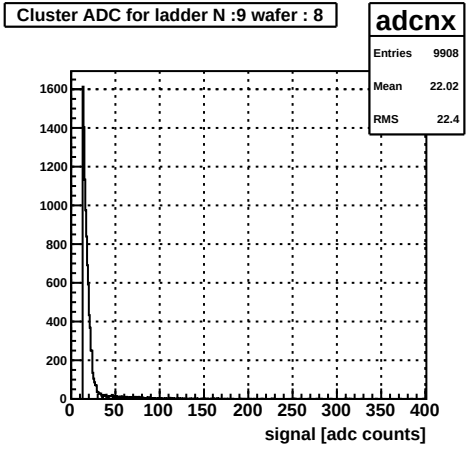

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 9630
Mean 25.63
RMS 24.6
signal [adc counts]

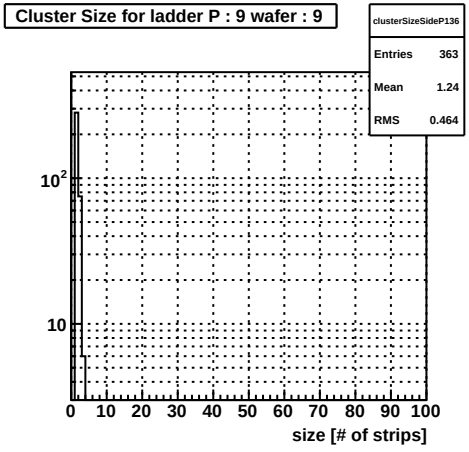

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 21450
Mean 1.042
RMS 0.2384
size [# of strips]

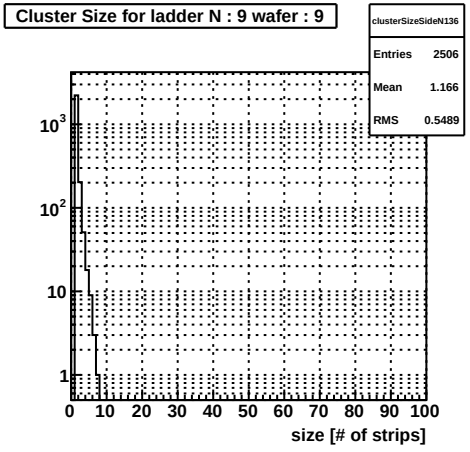

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 9908
Mean 1.101
RMS 0.4524
size [# of strips]

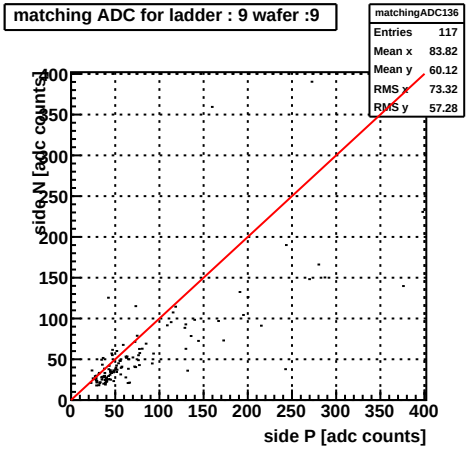

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 603
Mean x 56.26
Mean y 55.39
RMS x 46.94
RMS y 51.26
side N [adc counts]
side P [adc counts]

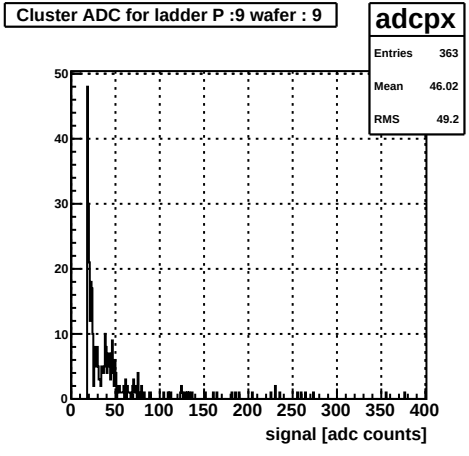

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 21450
Mean 28.68
RMS 19.22
signal [adc counts]

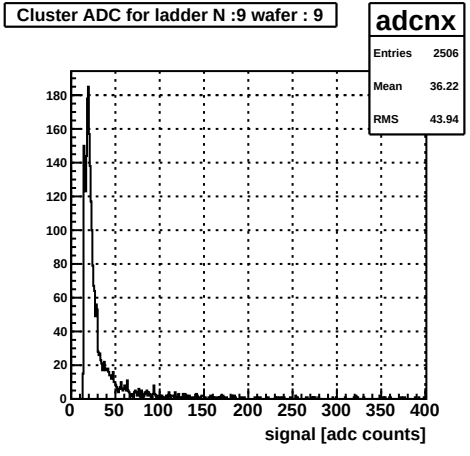

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 9908
Mean 22.02
RMS 22.4
signal [adc counts]

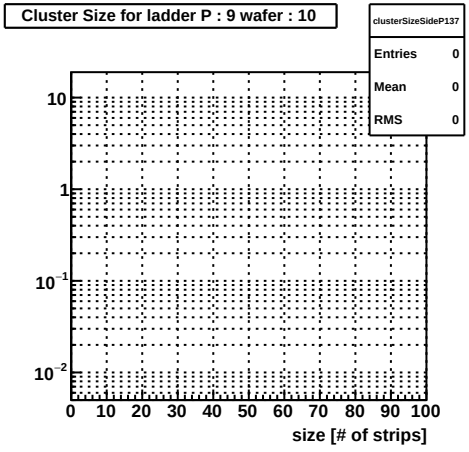

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 363
Mean 1.24
RMS 0.464
size [# of strips]

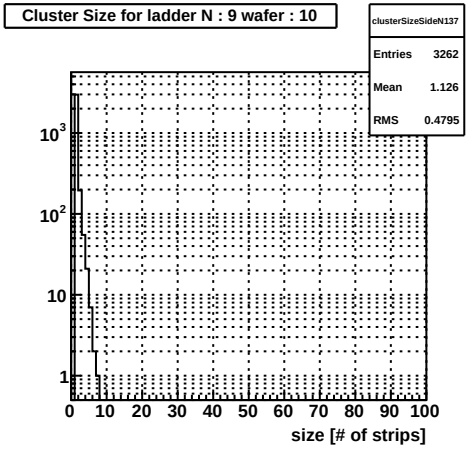

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2506
Mean 1.166
RMS 0.5489
size [# of strips]

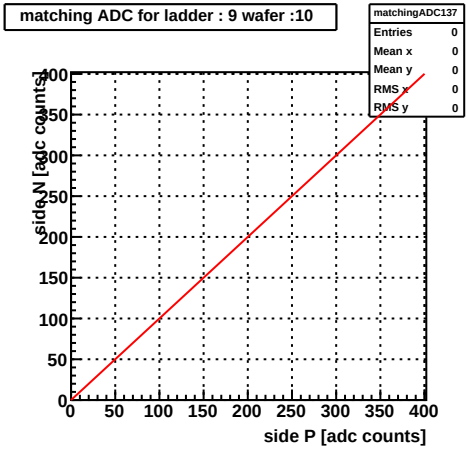

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 117
Mean x 83.82
Mean y 60.12
RMS x 73.32
RMS y 57.28
side N [adc counts]
side P [adc counts]

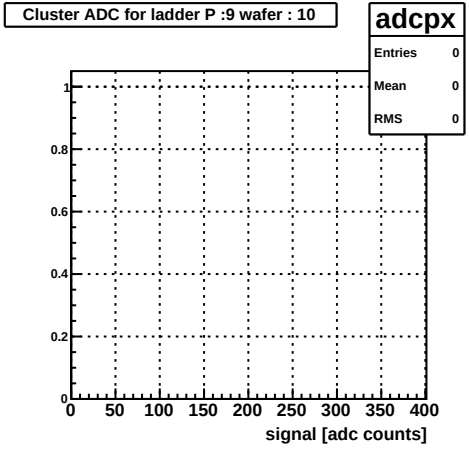

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 363
Mean 46.02
RMS 49.2
signal [adc counts]

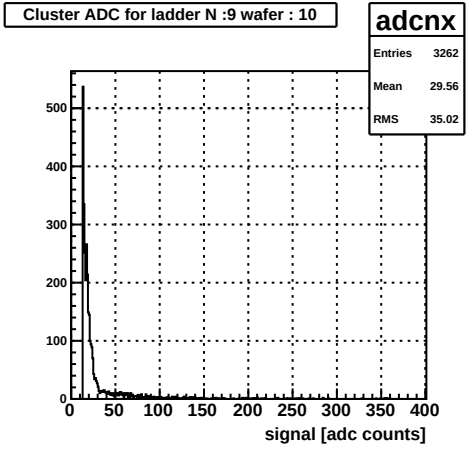

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2506
Mean 36.22
RMS 43.94
signal [adc counts]

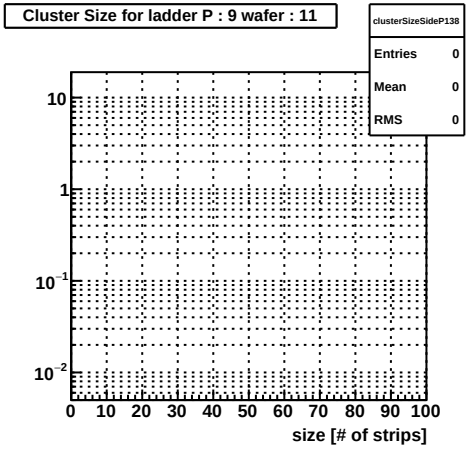

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

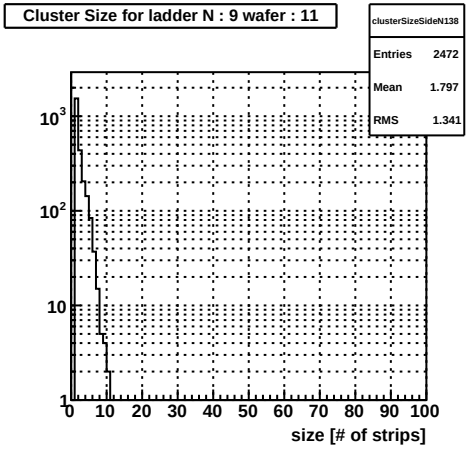

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3262
Mean 1.126
RMS 0.4795
size [# of strips]

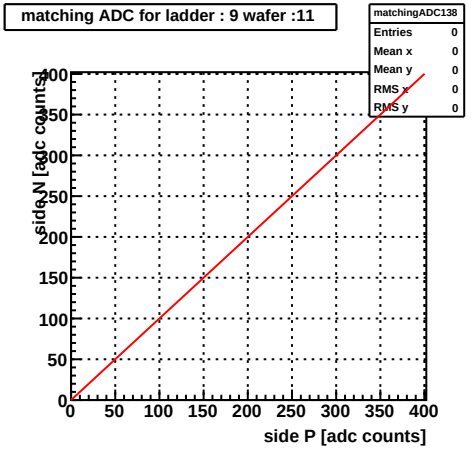

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

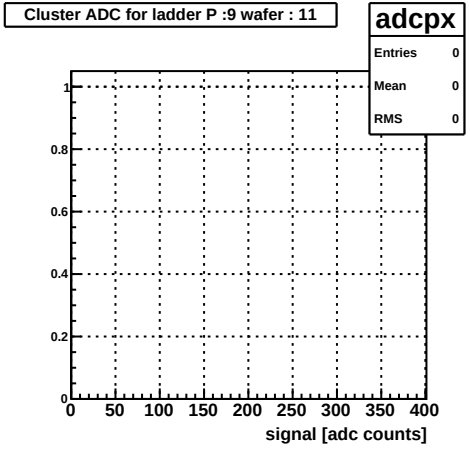

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

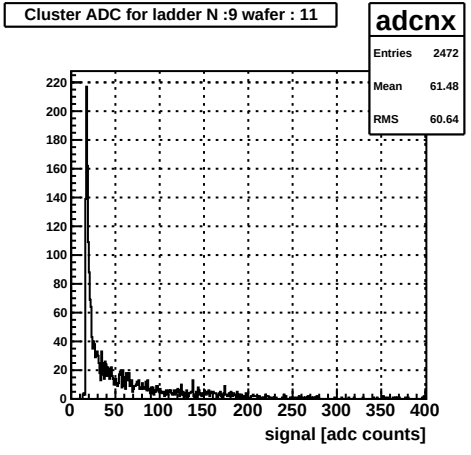

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3262
Mean 29.56
RMS 35.02
signal [adc counts]

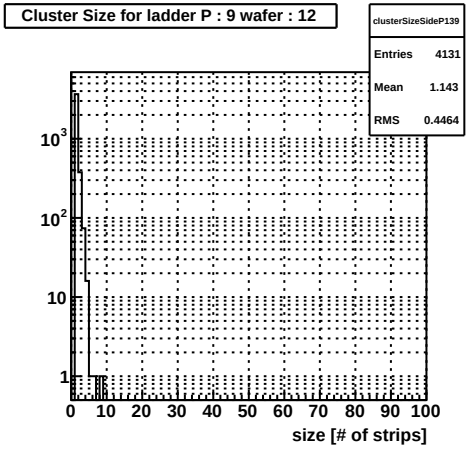

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

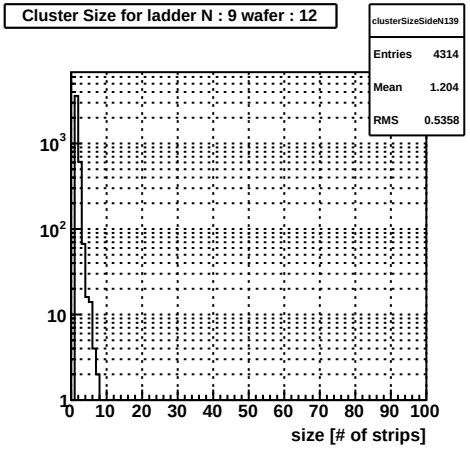

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2472
Mean 1.797
RMS 1.341
size [# of strips]

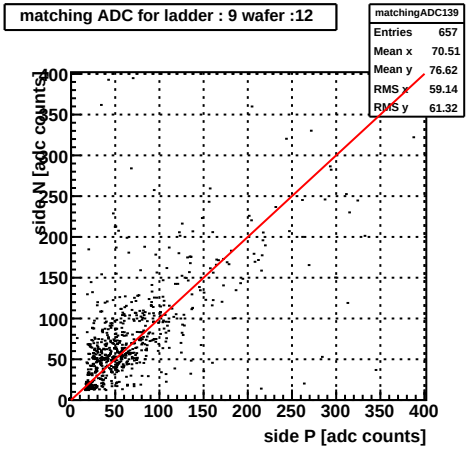

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

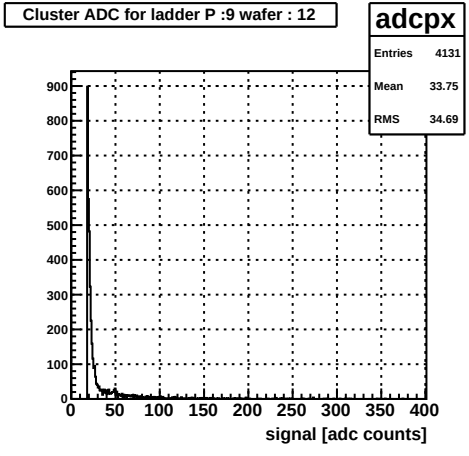

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

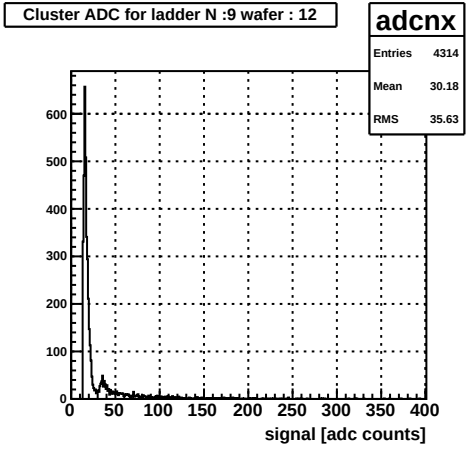

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2472
Mean 61.48
RMS 60.64
signal [adc counts]

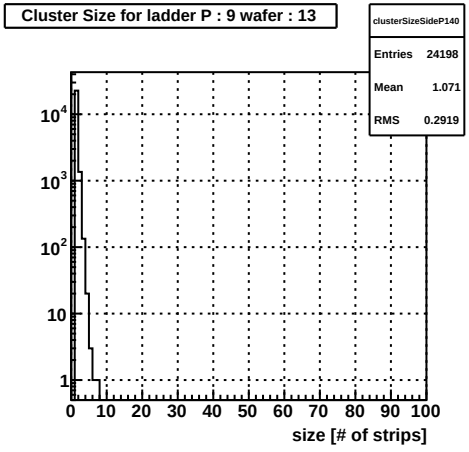

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4131
Mean 1.143
RMS 0.4464
size [# of strips]

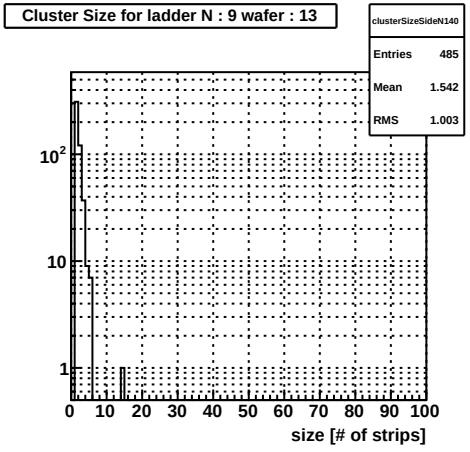

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 4314
Mean 1.204
RMS 0.5358
size [# of strips]

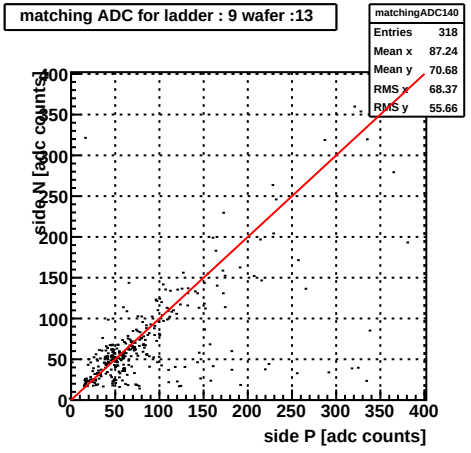

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 657
Mean x 70.51
Mean y 76.62
RMS x 59.14
RMS y 61.32
side N [adc counts]
side P [adc counts]

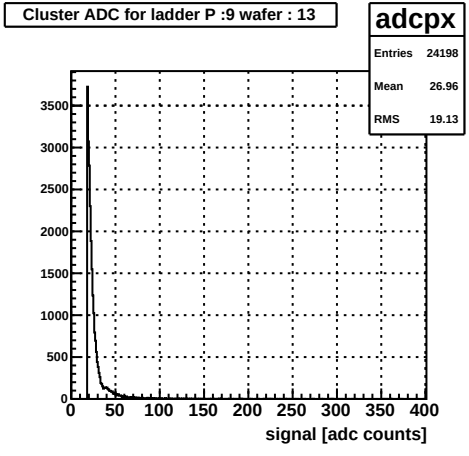

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4131
Mean 33.75
RMS 34.69
signal [adc counts]

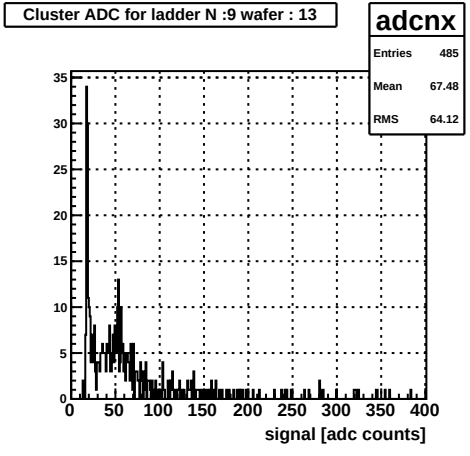

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 4314
Mean 30.18
RMS 35.63
signal [adc counts]

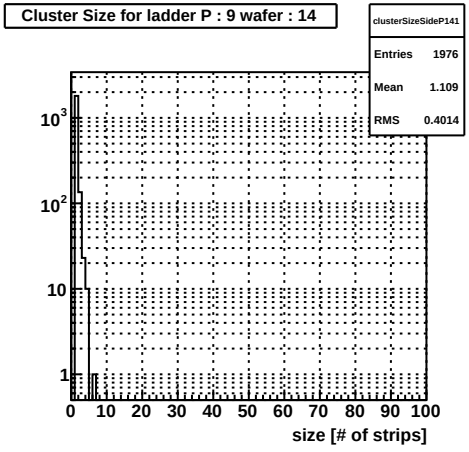

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 24198
Mean 1.071
RMS 0.2919
size [# of strips]

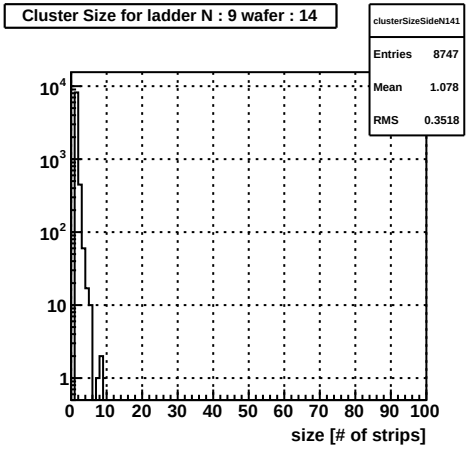

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 485
Mean 1.542
RMS 1.003
size [# of strips]

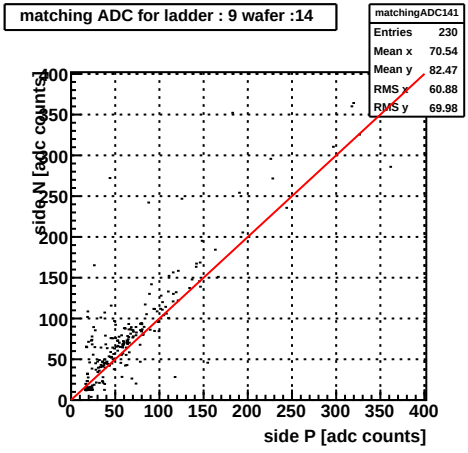

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 318
Mean x 87.24
Mean y 70.68
RMS x 68.37
RMS y 55.66
side N [adc counts]
side P [adc counts]

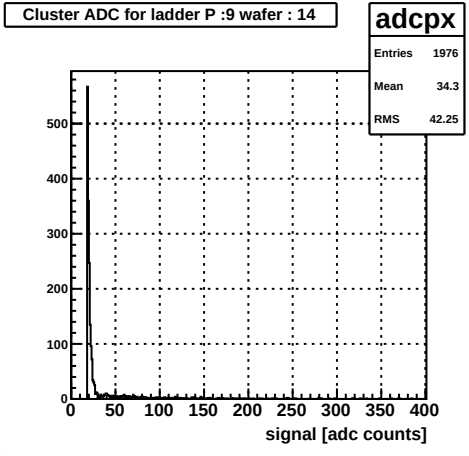

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 24198
Mean 26.96
RMS 19.13
signal [adc counts]

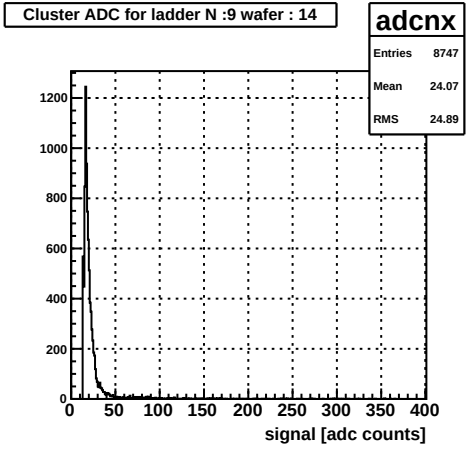

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 485
Mean 67.48
RMS 64.12
signal [adc counts]

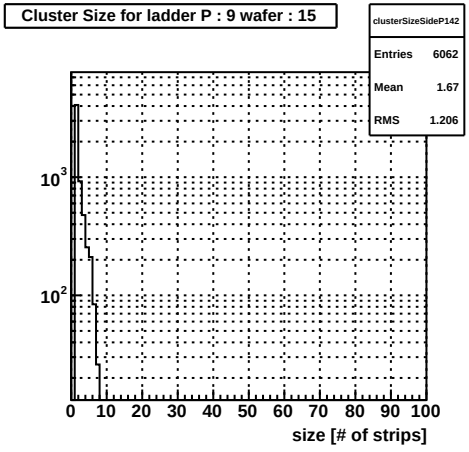

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1976
Mean 1.109
RMS 0.4014
size [# of strips]

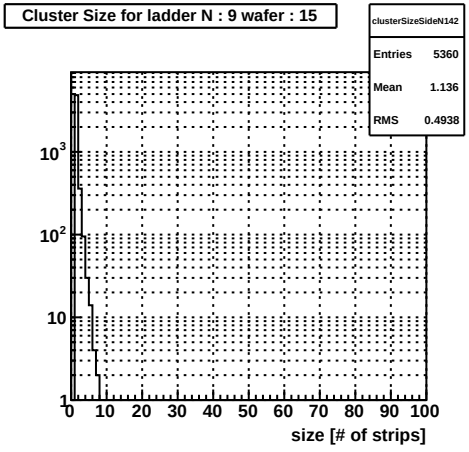

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 8747
Mean 1.078
RMS 0.3518
size [# of strips]

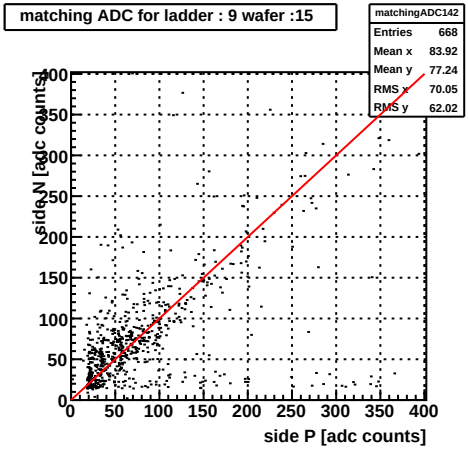

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 230
Mean x 70.54
Mean y 82.47
RMS x 60.88
RMS y 69.98
side N [adc counts]
side P [adc counts]

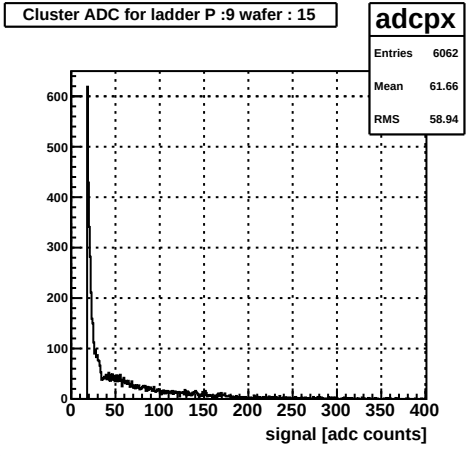

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1976
Mean 34.3
RMS 42.25
signal [adc counts]

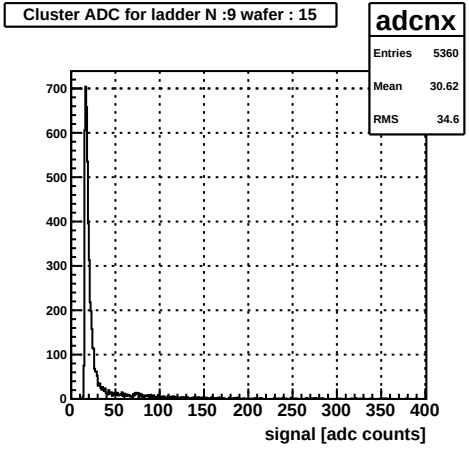

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 8747
Mean 24.07
RMS 24.89
signal [adc counts]

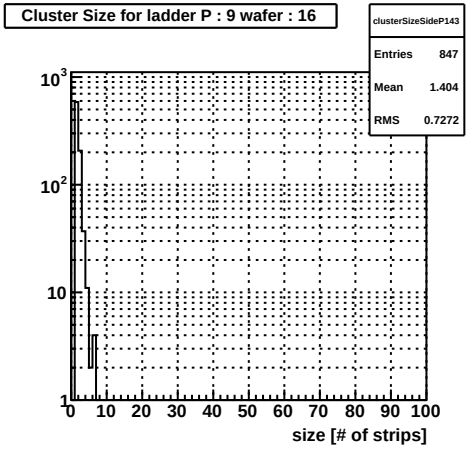

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 6062
Mean 1.67
RMS 1.206
size [# of strips]

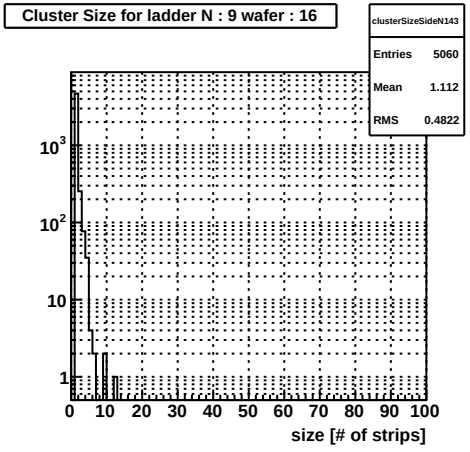

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 5360
Mean 1.136
RMS 0.4938
size [# of strips]

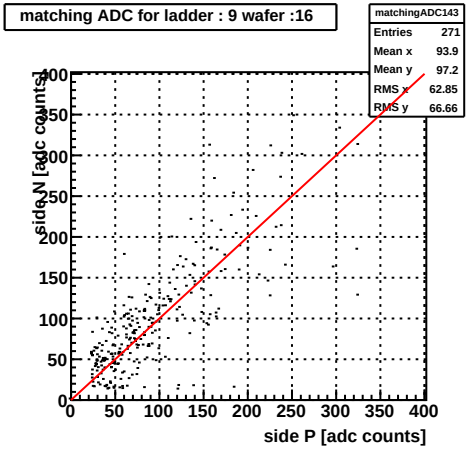

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 668
Mean x 83.92
Mean y 77.24
RMS x 70.05
RMS y 62.02
side N [adc counts]
side P [adc counts]

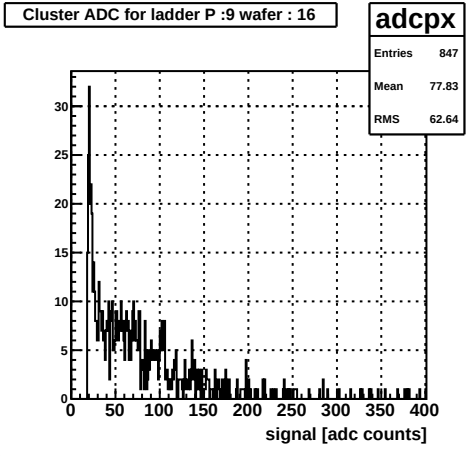

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 6062
Mean 61.66
RMS 58.94
signal [adc counts]

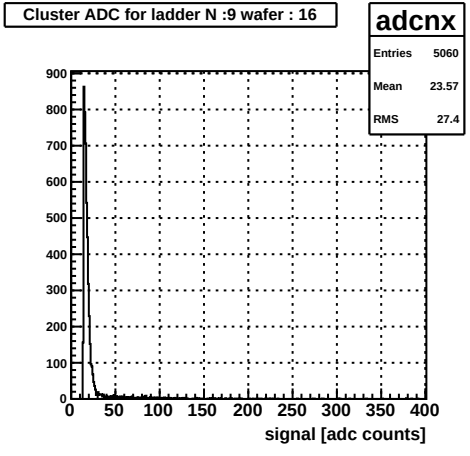

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 5360
Mean 30.62
RMS 34.6
signal [adc counts]

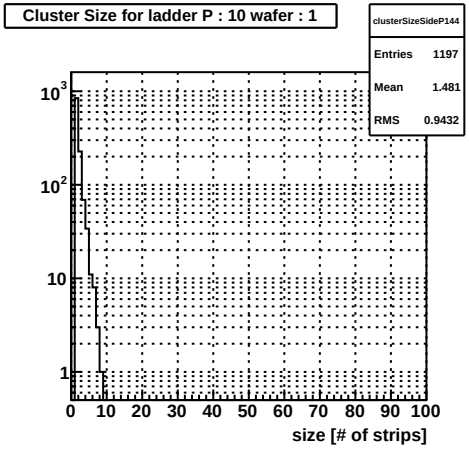

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 847
Mean 1.404
RMS 0.7272
size [# of strips]

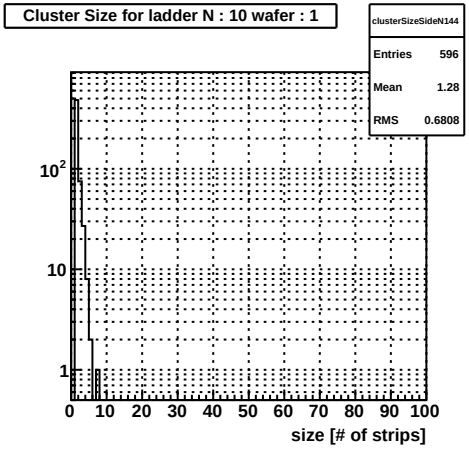

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 5060
Mean 1.112
RMS 0.4822
size [# of strips]

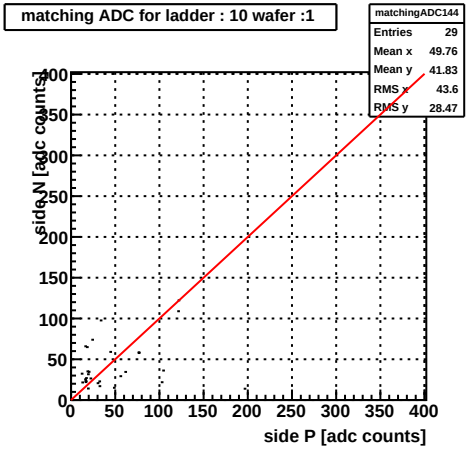

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 271
Mean x 93.9
Mean y 97.2
RMS x 62.85
RMS y 66.66
side N [adc counts]
side P [adc counts]

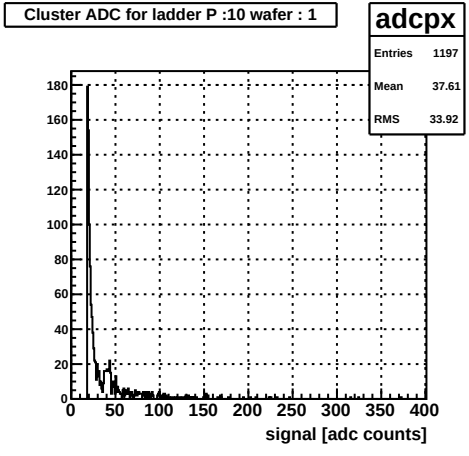

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 847
Mean 77.83
RMS 62.64
signal [adc counts]

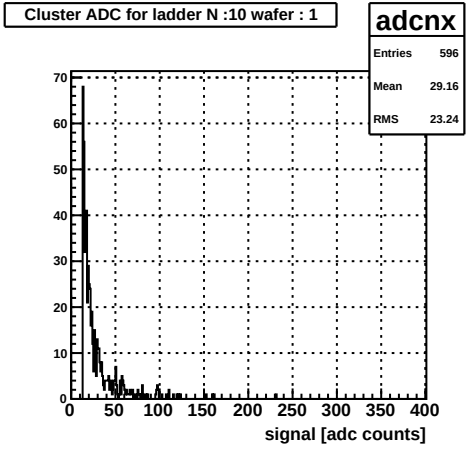

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 5060
Mean 23.57
RMS 27.4
signal [adc counts]

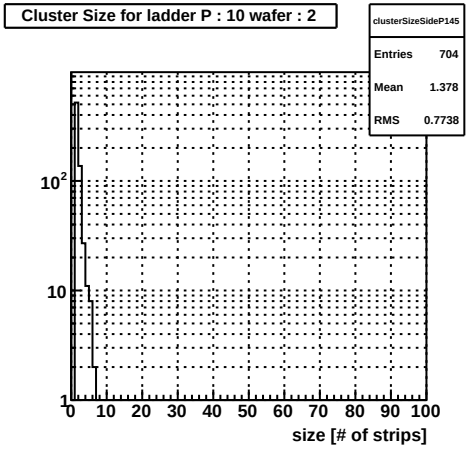

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1197
Mean 1.481
RMS 0.9432
size [# of strips]

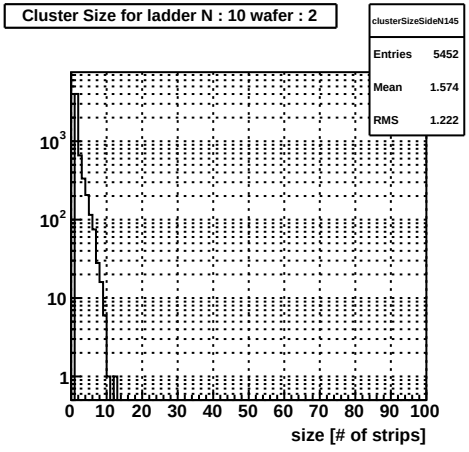

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 596
Mean 1.28
RMS 0.6808
size [# of strips]

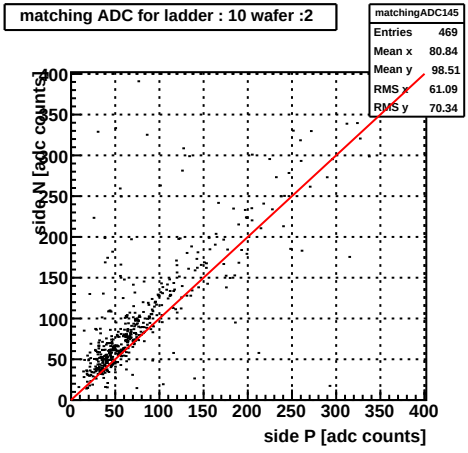

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 29
Mean x 49.76
Mean y 41.83
RMS x 43.6
RMS y 28.47
side N [adc counts]
side P [adc counts]

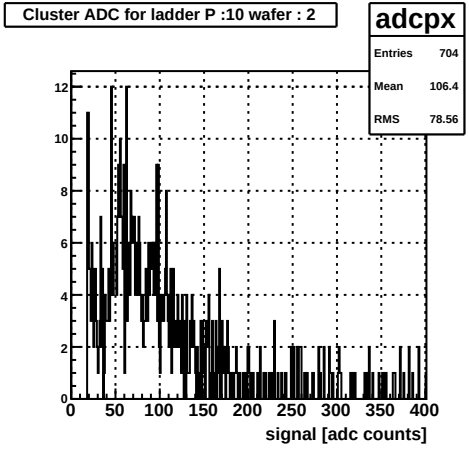

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1197
Mean 37.61
RMS 33.92
signal [adc counts]

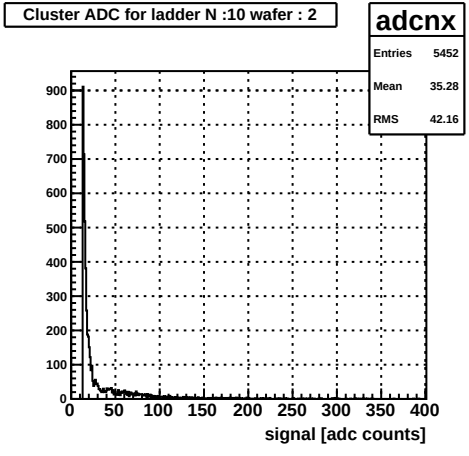

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 596
Mean 29.16
RMS 23.24
signal [adc counts]

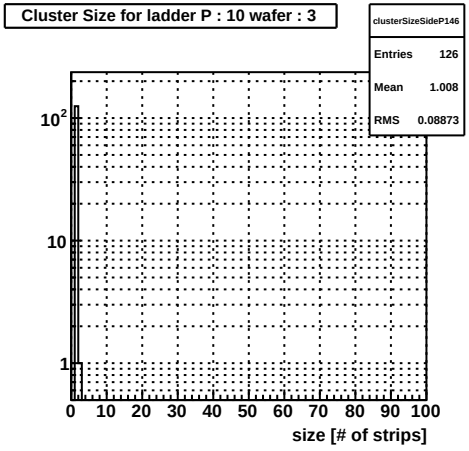

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 704
Mean 1.378
RMS 0.7738
size [# of strips]

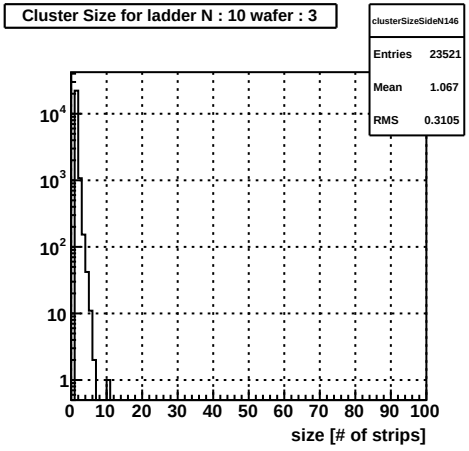

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 5452
Mean 1.574
RMS 1.222
size [# of strips]

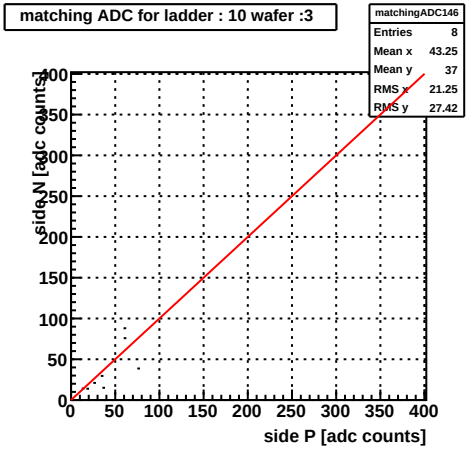

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 469
Mean x 80.84
Mean y 98.51
RMS x 61.09
RMS y 70.34
side N [adc counts]
side P [adc counts]

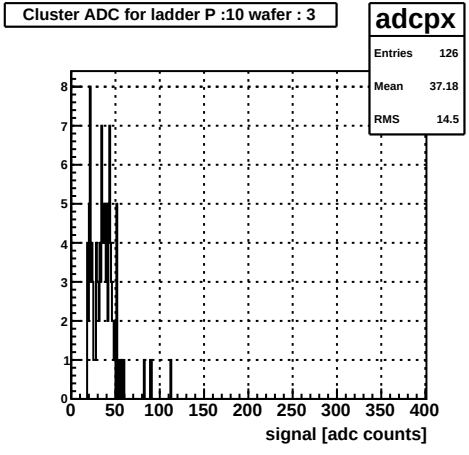

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 704
Mean 106.4
RMS 78.56
signal [adc counts]

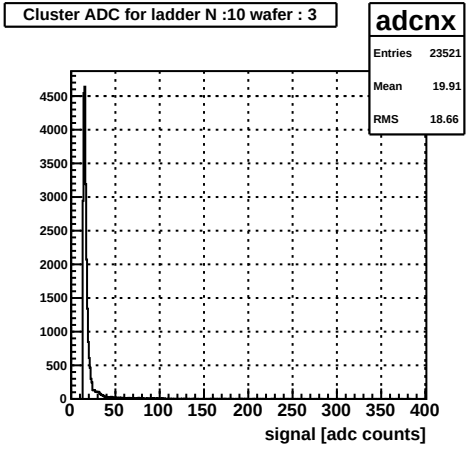

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 5452
Mean 35.28
RMS 42.16
signal [adc counts]

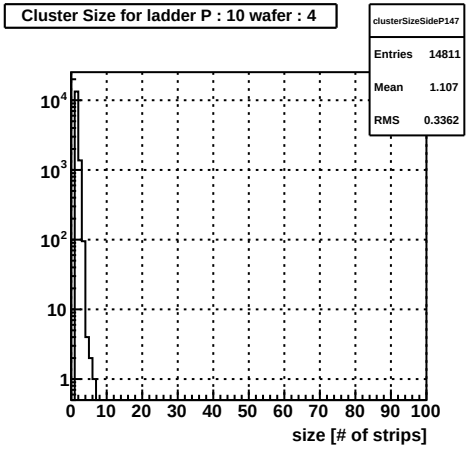

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 126
Mean 1.008
RMS 0.08873
size [# of strips]

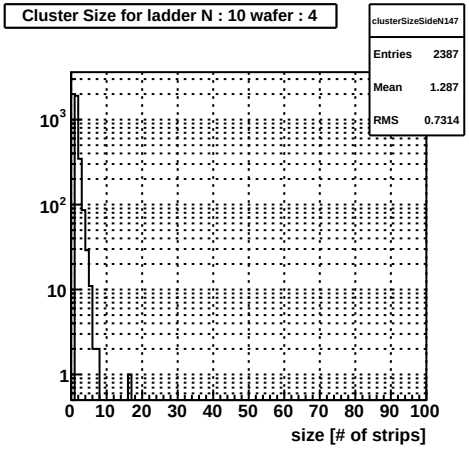

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 23521
Mean 1.067
RMS 0.3105
size [# of strips]

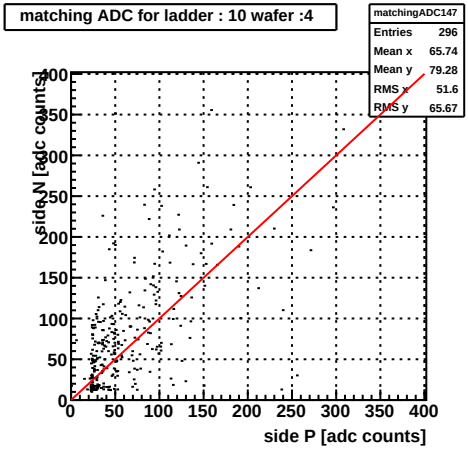

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 8
Mean x 43.25
Mean y 37
RMS x 21.25
RMS y 27.42
side N [adc counts]
side P [adc counts]

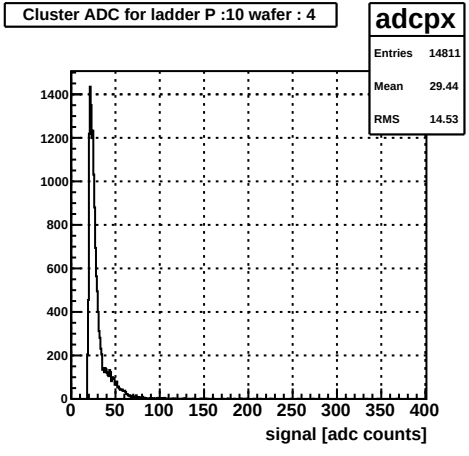

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 126
Mean 37.18
RMS 14.5
signal [adc counts]

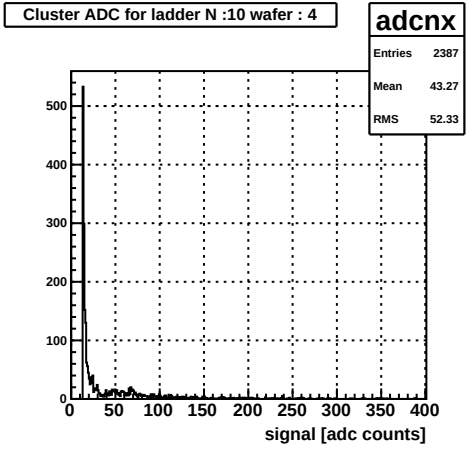

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 23521
Mean 19.91
RMS 18.66
signal [adc counts]

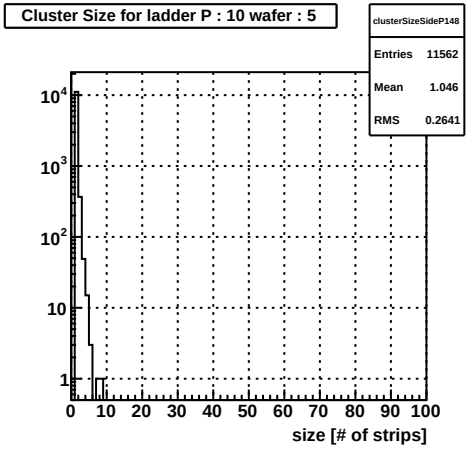

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 14811
Mean 1.107
RMS 0.3362
size [# of strips]

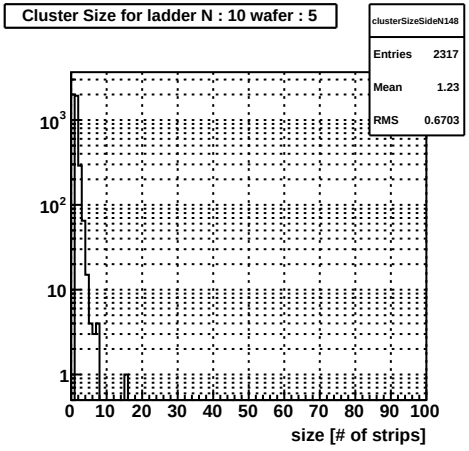

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2387
Mean 1.287
RMS 0.7314
size [# of strips]

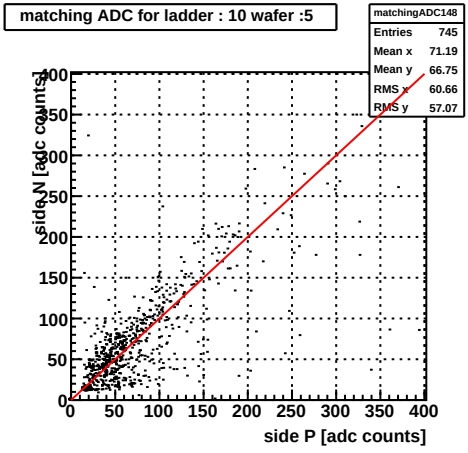

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 296
Mean x 65.74
Mean y 79.28
RMS x 51.6
RMS y 65.67
side N [adc counts]
side P [adc counts]

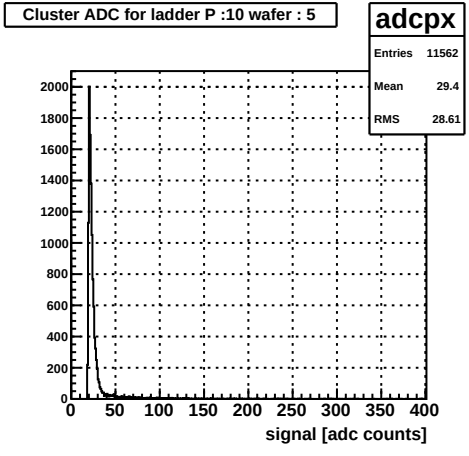

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 14811
Mean 29.44
RMS 14.53
signal [adc counts]

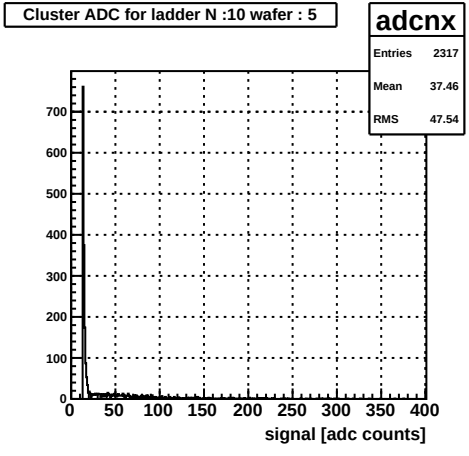

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2387
Mean 43.27
RMS 52.33
signal [adc counts]

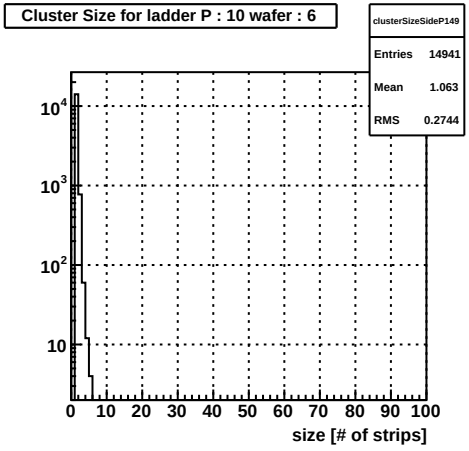

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 11562
Mean 1.046
RMS 0.2641
size [# of strips]

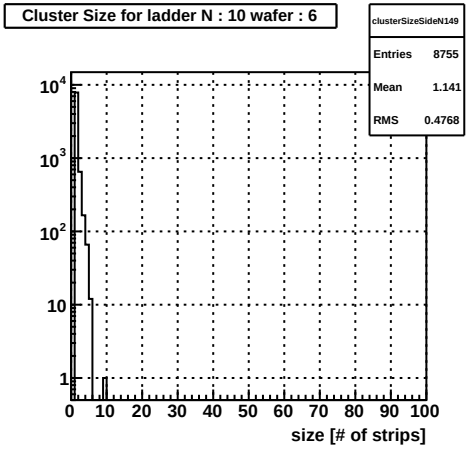

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2317
Mean 1.23
RMS 0.6703
size [# of strips]

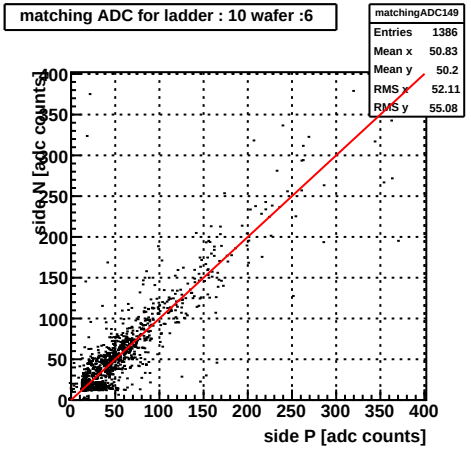

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 745
Mean x 71.19
Mean y 66.75
RMS x 60.66
RMS y 57.07
side N [adc counts]
side P [adc counts]

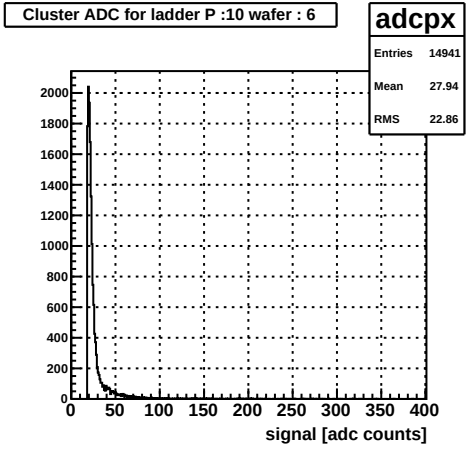

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 11562
Mean 29.4
RMS 28.61
signal [adc counts]

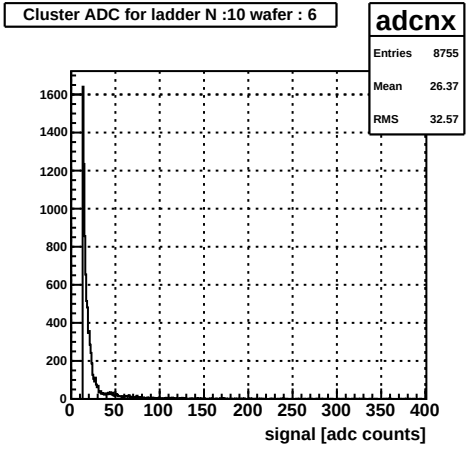

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2317
Mean 37.46
RMS 47.54
signal [adc counts]

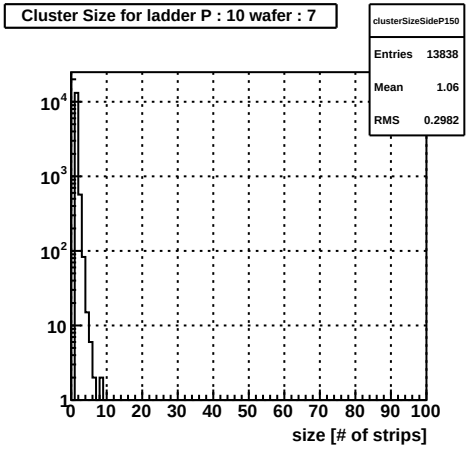

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 14941
Mean 1.063
RMS 0.2744
size [# of strips]

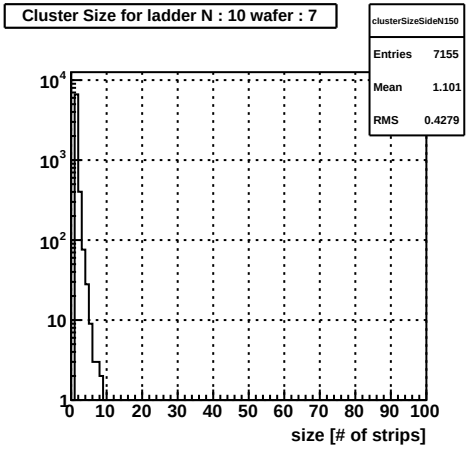

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 8755
Mean 1.141
RMS 0.4768
size [# of strips]

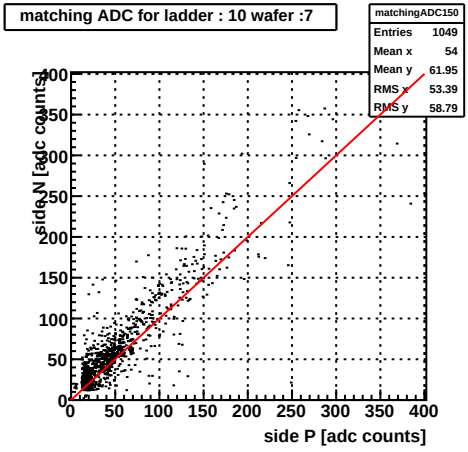

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1386
Mean x 50.83
Mean y 50.2
RMS x 52.11
RMS y 55.08
side N [adc counts]
side P [adc counts]

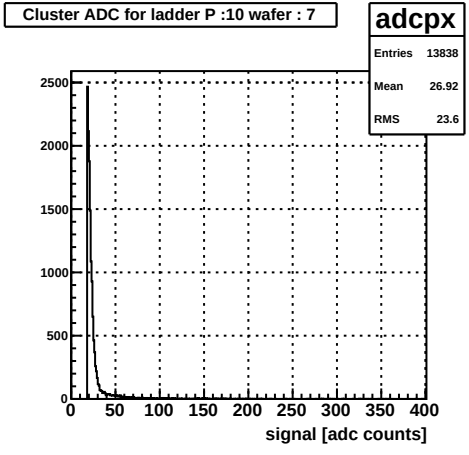

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 14941
Mean 27.94
RMS 22.86
signal [adc counts]

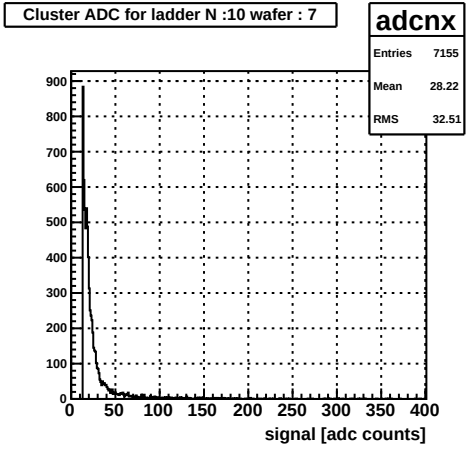

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 8755
Mean 26.37
RMS 32.57
signal [adc counts]

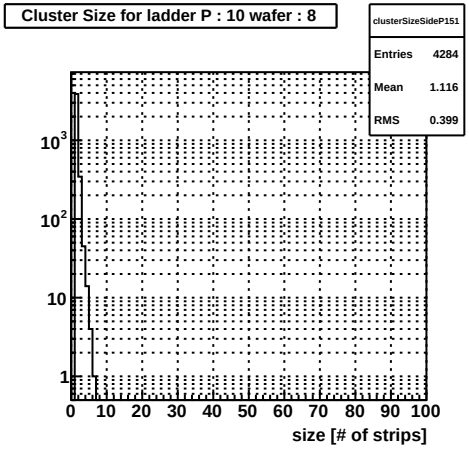

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 13838
Mean 1.06
RMS 0.2982
size [# of strips]

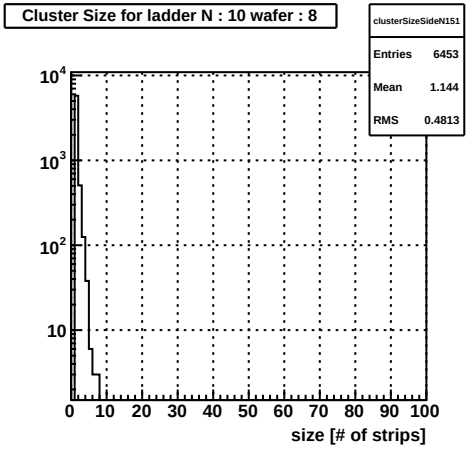

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 7155
Mean 1.101
RMS 0.4279
size [# of strips]

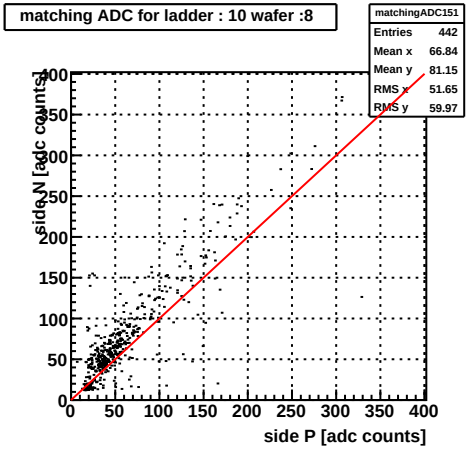

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1049
Mean x 54
Mean y 61.95
RMS x 53.39
RMS y 58.79
side N [adc counts]
side P [adc counts]

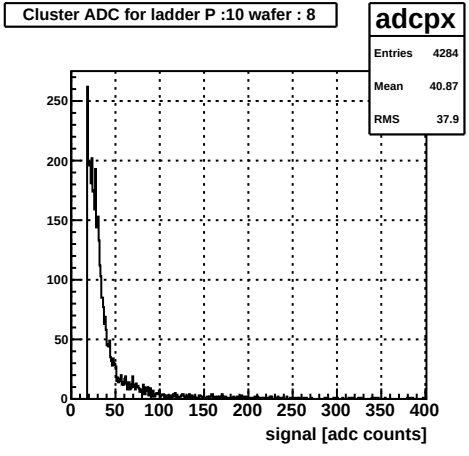

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 13838
Mean 26.92
RMS 23.6
signal [adc counts]

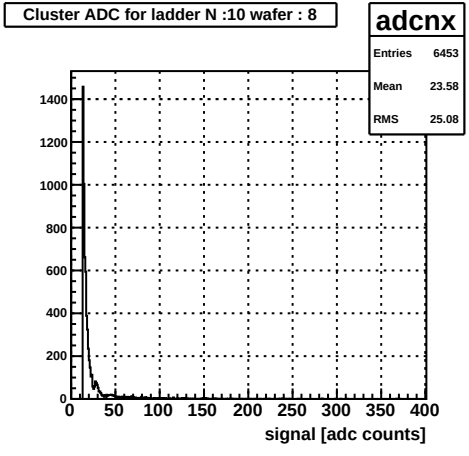

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 7155
Mean 28.22
RMS 32.51
signal [adc counts]

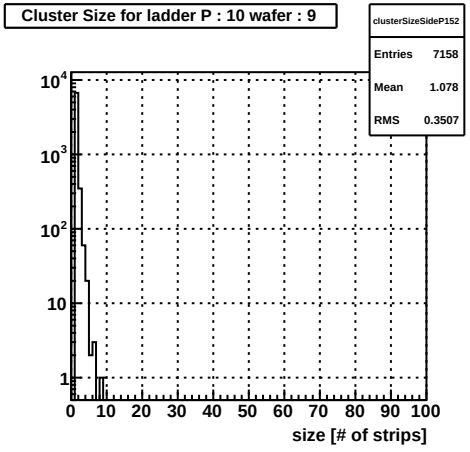

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 4284
Mean 1.116
RMS 0.399
size [# of strips]

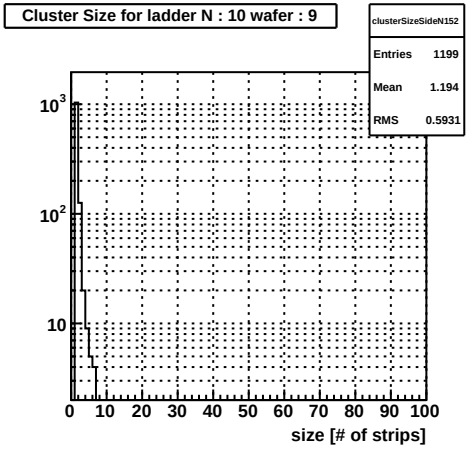

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 6453
Mean 1.144
RMS 0.4813
size [# of strips]

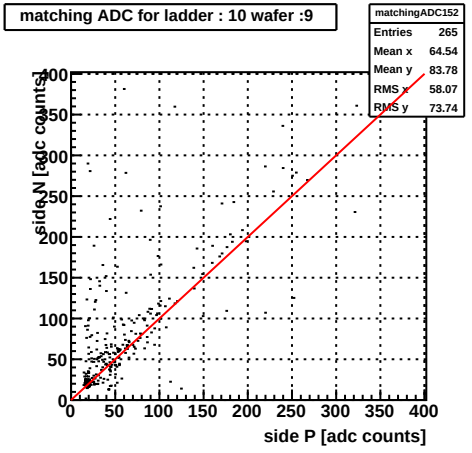

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 442
Mean x 66.84
Mean y 81.15
RMS x 51.65
RMS y 59.97
side N [adc counts]
side P [adc counts]

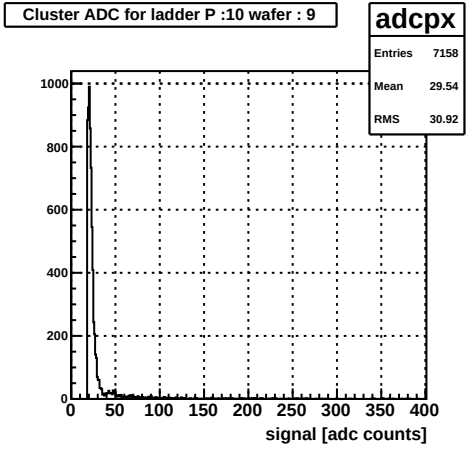

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 4284
Mean 40.87
RMS 37.9
signal [adc counts]

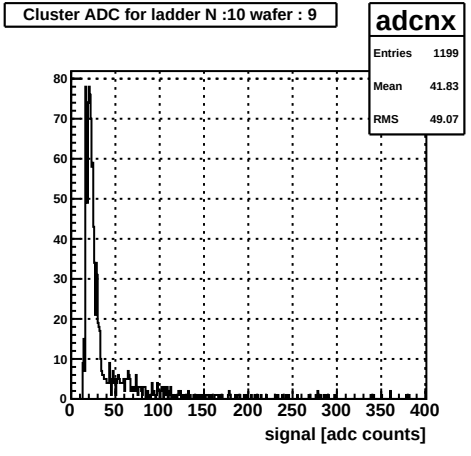

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 6453
Mean 23.58
RMS 25.08
signal [adc counts]

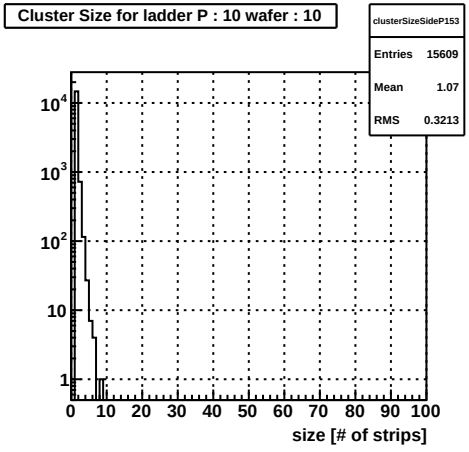

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 7158
Mean 1.078
RMS 0.3507
size [# of strips]

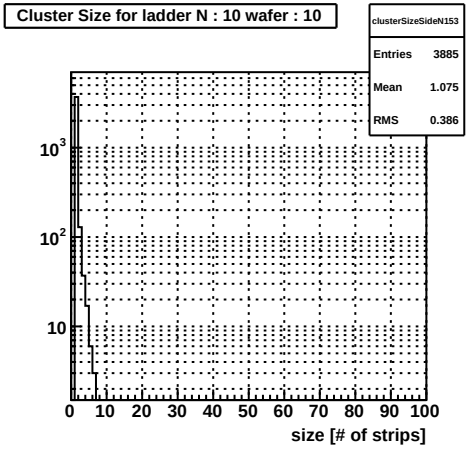

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1199
Mean 1.194
RMS 0.5931
size [# of strips]

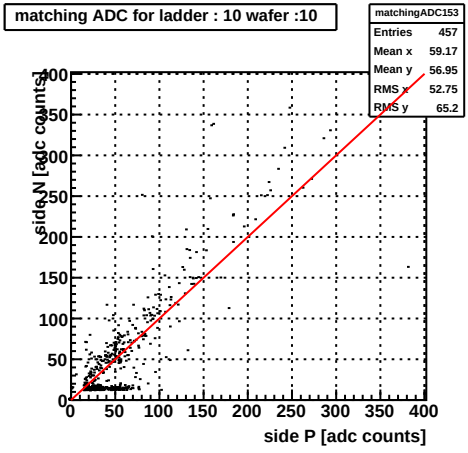

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 265
Mean x 64.54
Mean y 83.78
RMS x 58.07
RMS y 73.74
side N [adc counts]
side P [adc counts]

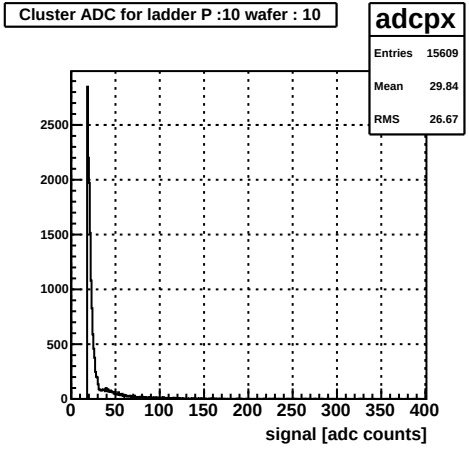

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 7158
Mean 29.54
RMS 30.92
signal [adc counts]

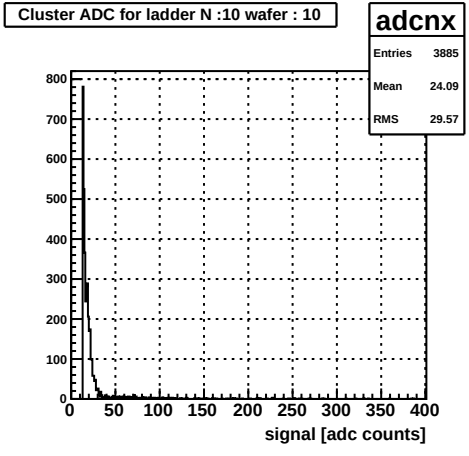

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1199
Mean 41.83
RMS 49.07
signal [adc counts]

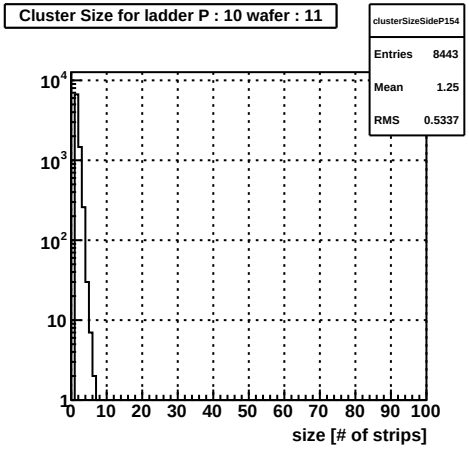

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 15609
Mean 1.07
RMS 0.3213
size [# of strips]

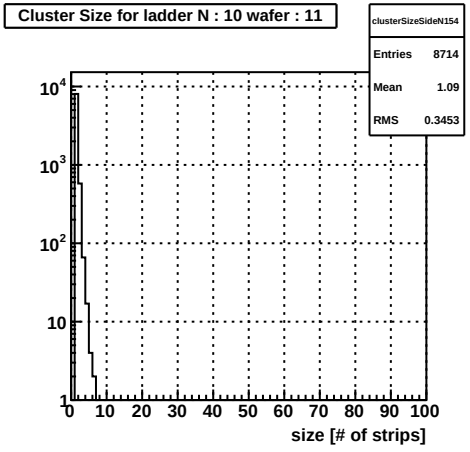

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 3885
Mean 1.075
RMS 0.386
size [# of strips]

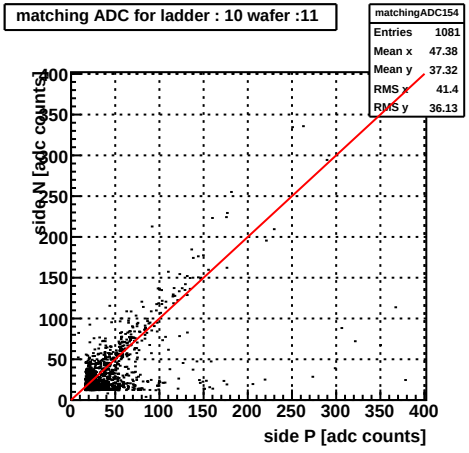

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 457
Mean x 59.17
Mean y 56.95
RMS x 52.75
RMS y 65.2
side N [adc counts]
side P [adc counts]

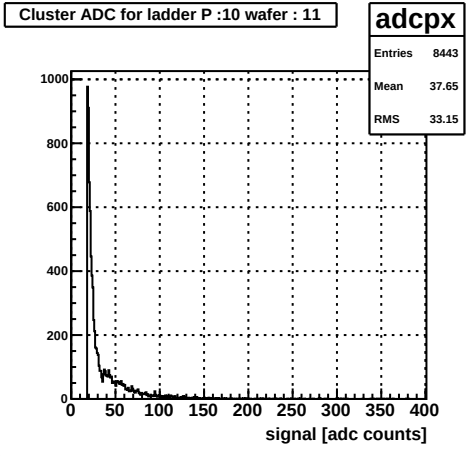

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 15609
Mean 29.84
RMS 26.67
signal [adc counts]

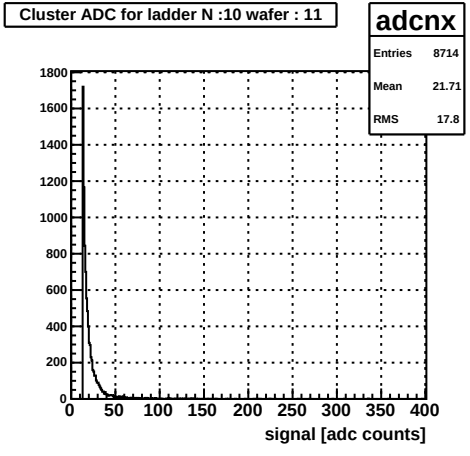

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 3885
Mean 24.09
RMS 29.57
signal [adc counts]

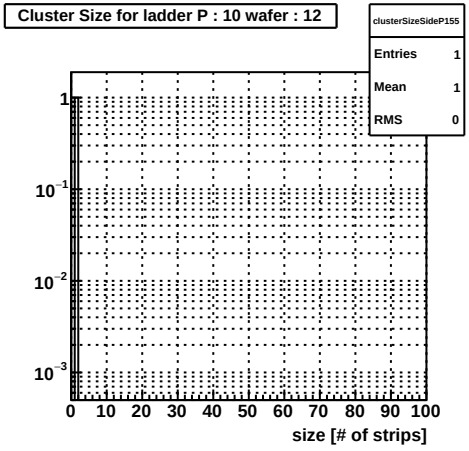

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 8443
Mean 1.25
RMS 0.5337
size [# of strips]

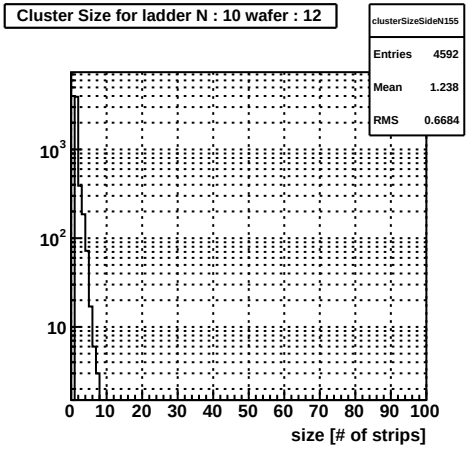

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 8714
Mean 1.09
RMS 0.3453
size [# of strips]

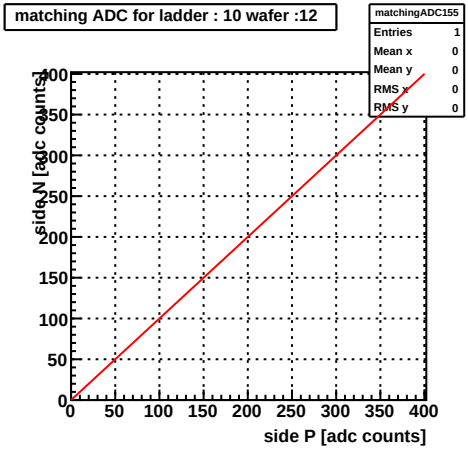

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1081
Mean x 47.38
Mean y 37.32
RMS x 41.4
RMS y 36.13
side N [adc counts]
side P [adc counts]

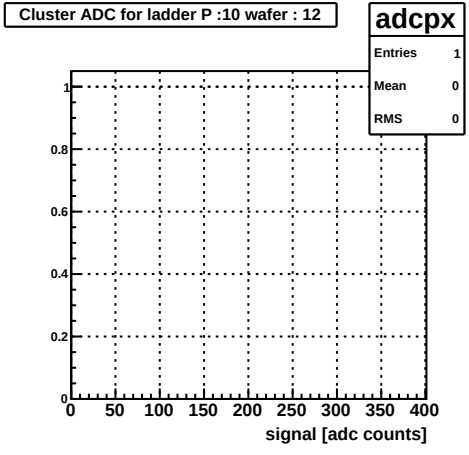

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 8443
Mean 37.65
RMS 33.15
signal [adc counts]

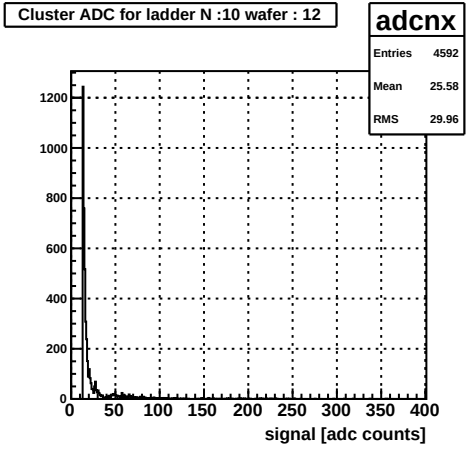

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 8714
Mean 21.71
RMS 17.8
signal [adc counts]

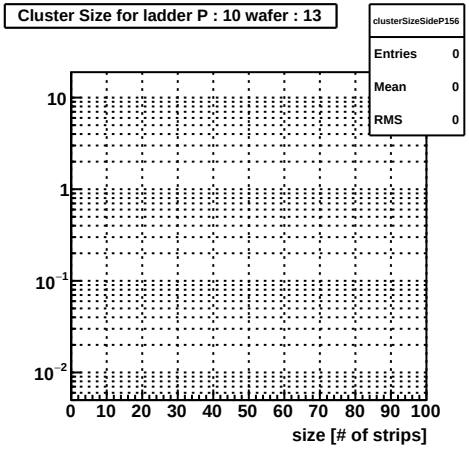

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

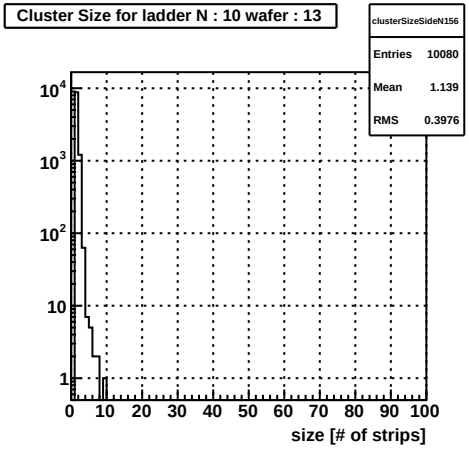

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 4592
Mean 1.238
RMS 0.6684
size [# of strips]

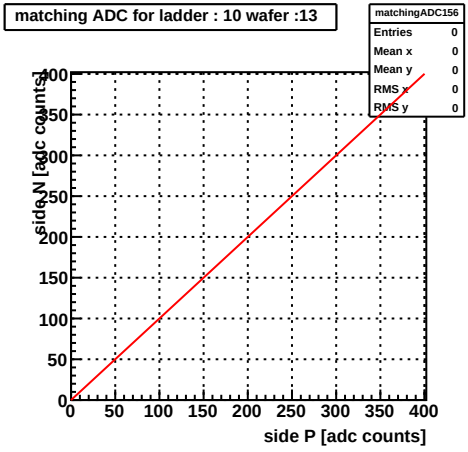

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

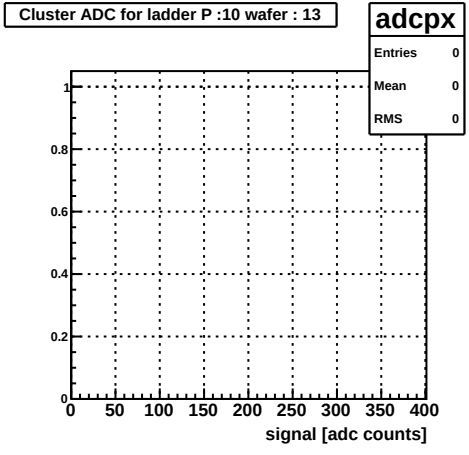

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

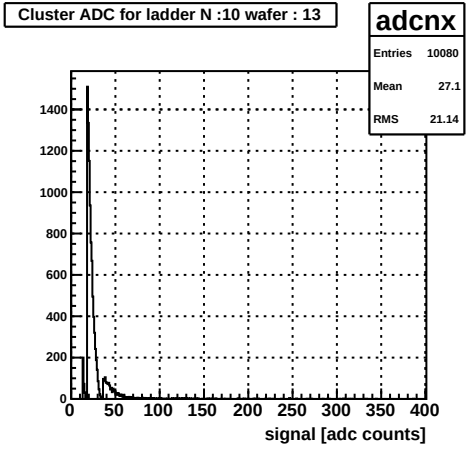

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 4592
Mean 25.58
RMS 29.96
signal [adc counts]

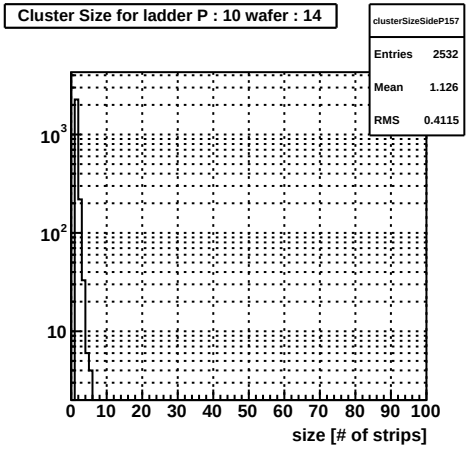

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

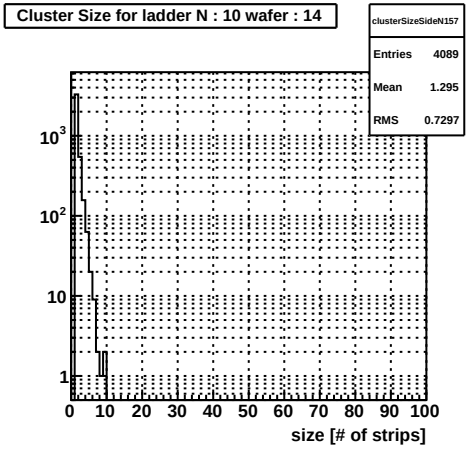

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 10080
Mean 1.139
RMS 0.3976
size [# of strips]

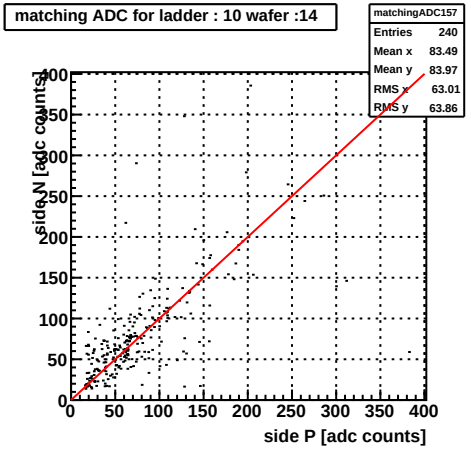

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

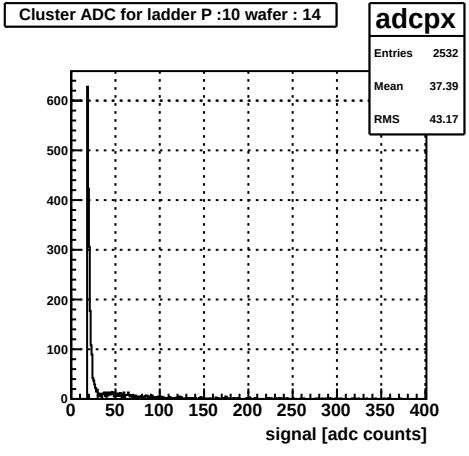

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

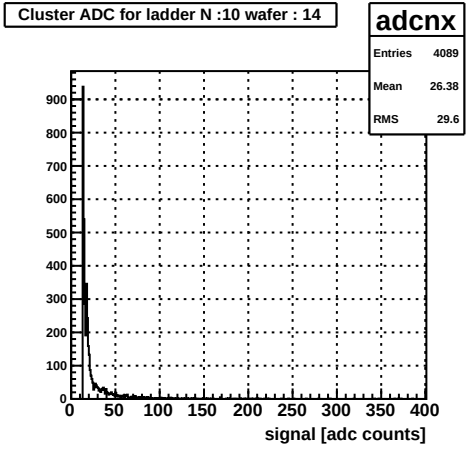

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 10080
Mean 27.1
RMS 21.14
signal [adc counts]

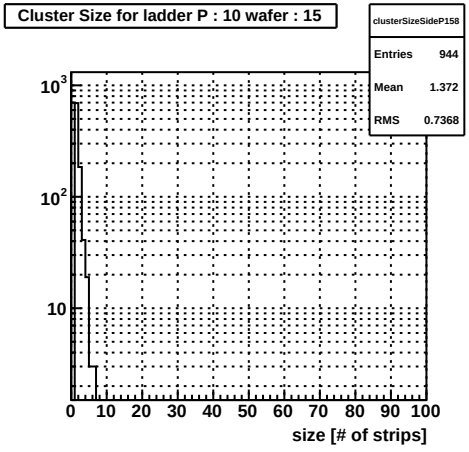

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2532
Mean 1.126
RMS 0.4115
size [# of strips]

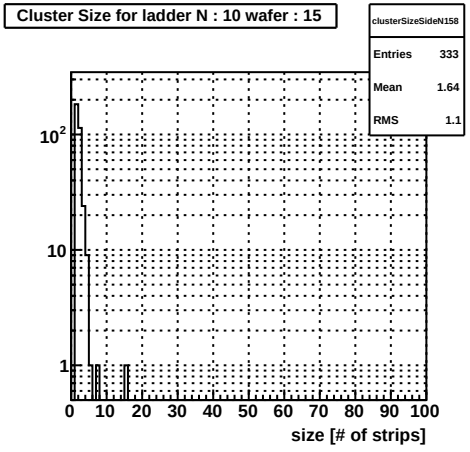

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 4089
Mean 1.295
RMS 0.7297
size [# of strips]

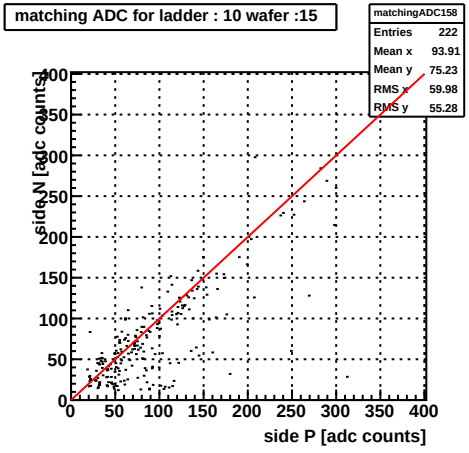

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 240
Mean x 83.49
Mean y 83.97
RMS x 63.01
RMS y 63.86
side N [adc counts]
side P [adc counts]

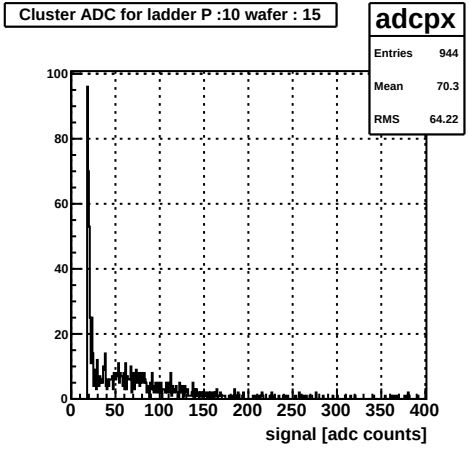

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2532
Mean 37.39
RMS 43.17
signal [adc counts]

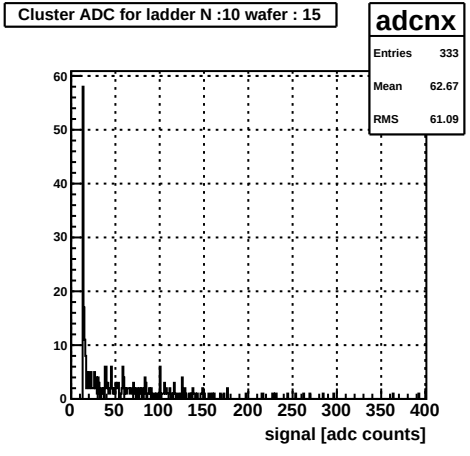

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 4089
Mean 26.38
RMS 29.6
signal [adc counts]

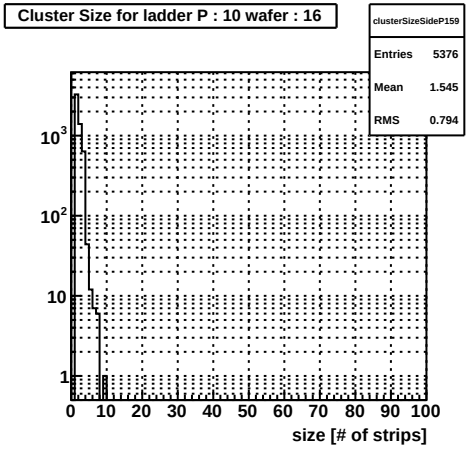

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 944
Mean 1.372
RMS 0.7368
size [# of strips]

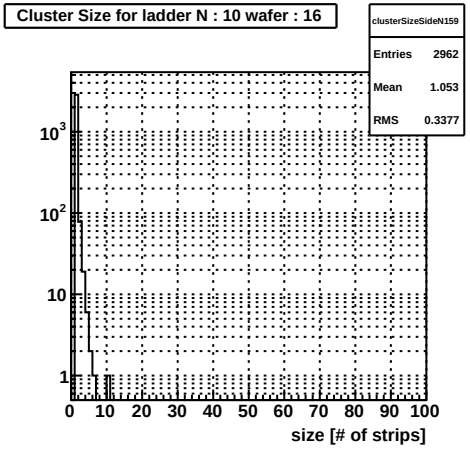

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 333
Mean 1.64
RMS 1.1
size [# of strips]

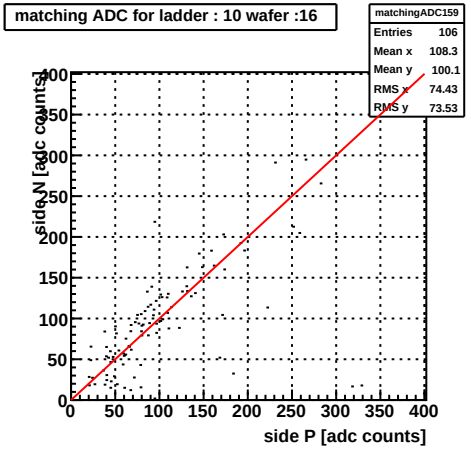

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 222
Mean x 93.91
Mean y 75.23
RMS x 59.98
RMS y 55.28
side N [adc counts]
side P [adc counts]

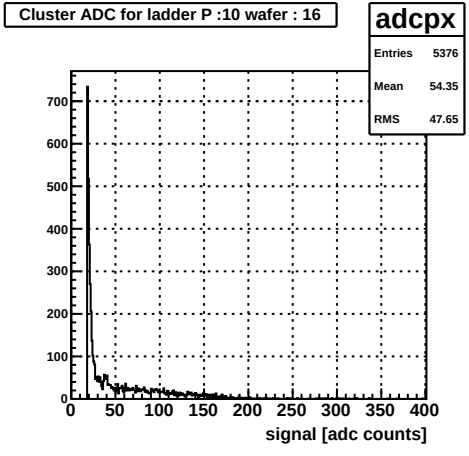

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 944
Mean 70.3
RMS 64.22
signal [adc counts]

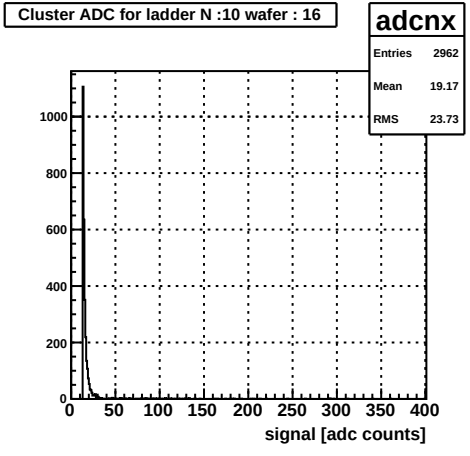

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 333
Mean 62.67
RMS 61.09
signal [adc counts]

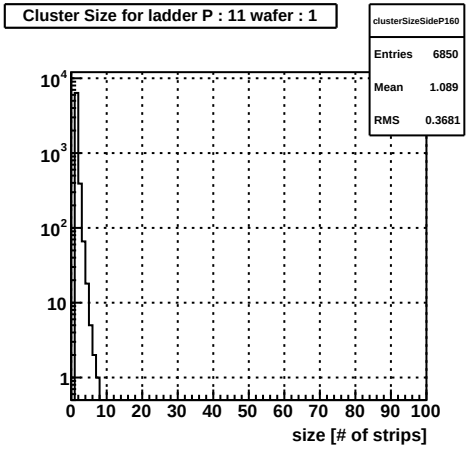

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 5376
Mean 1.545
RMS 0.794
size [# of strips]

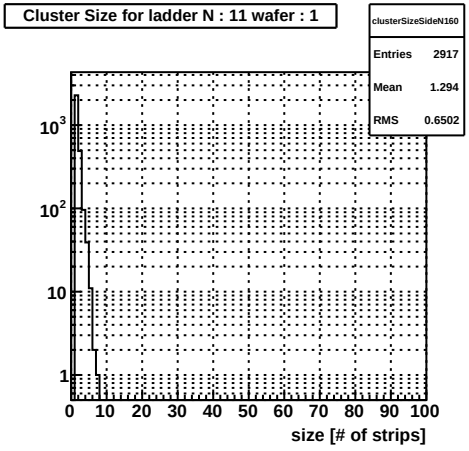

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2962
Mean 1.053
RMS 0.3377
size [# of strips]

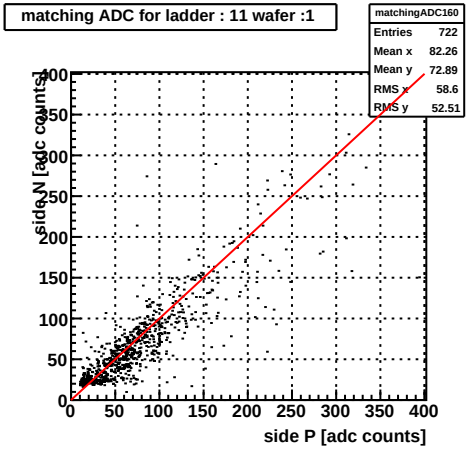

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 106
Mean x 108.3
Mean y 100.1
RMS x 74.43
RMS y 73.53
side N [adc counts]
side P [adc counts]

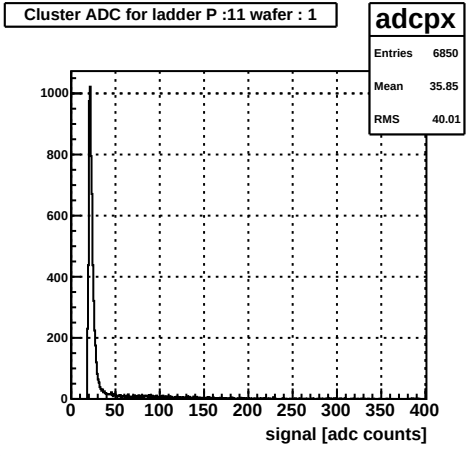

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 5376
Mean 54.35
RMS 47.65
signal [adc counts]

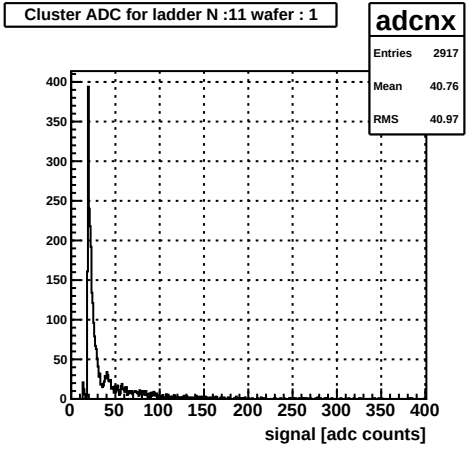

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2962
Mean 19.17
RMS 23.73
signal [adc counts]

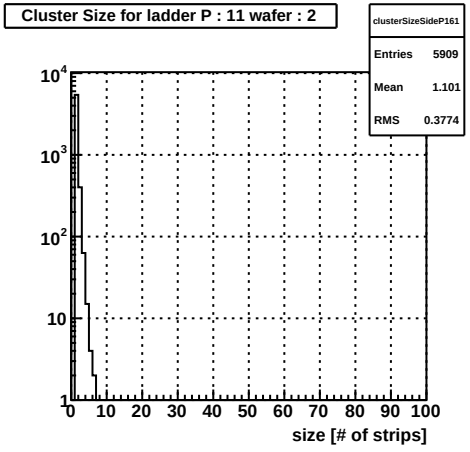

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 6850
Mean 1.089
RMS 0.3681
size [# of strips]

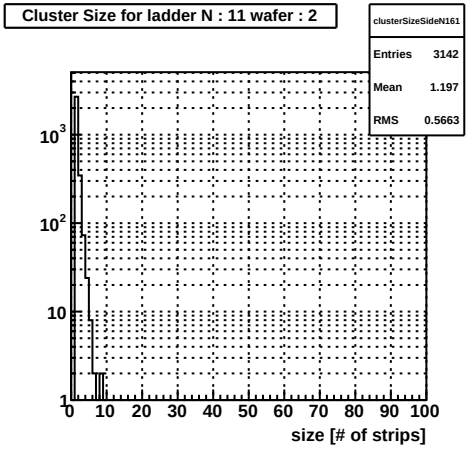

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2917
Mean 1.294
RMS 0.6502
size [# of strips]

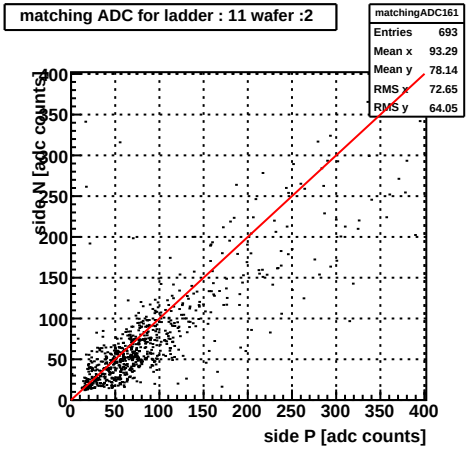

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 722
Mean x 82.26
Mean y 72.89
RMS x 58.6
RMS y 52.51
side N [adc counts]
side P [adc counts]

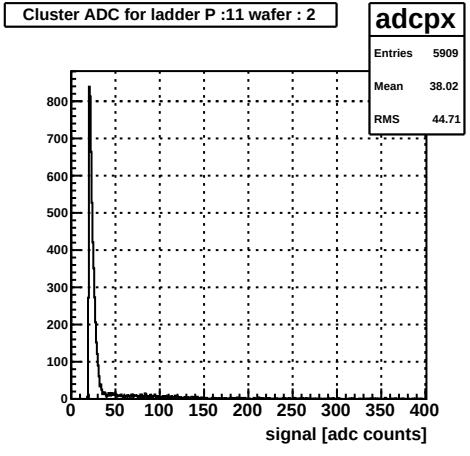

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 6850
Mean 35.85
RMS 40.01
signal [adc counts]

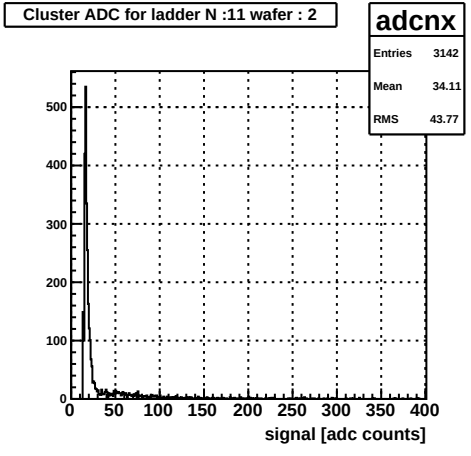

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2917
Mean 40.76
RMS 40.97
signal [adc counts]

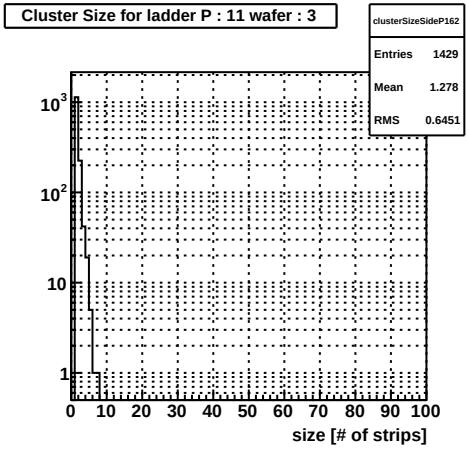

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 5909
Mean 1.101
RMS 0.3774
size [# of strips]

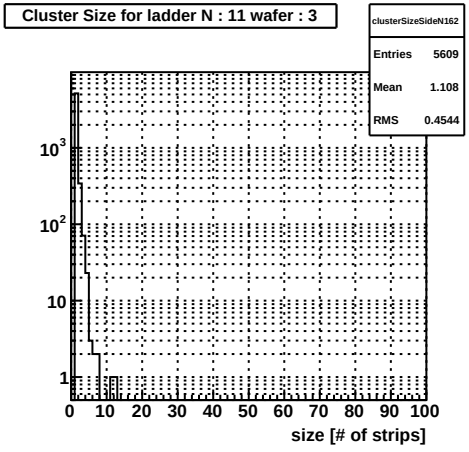

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 3142
Mean 1.197
RMS 0.5663
size [# of strips]

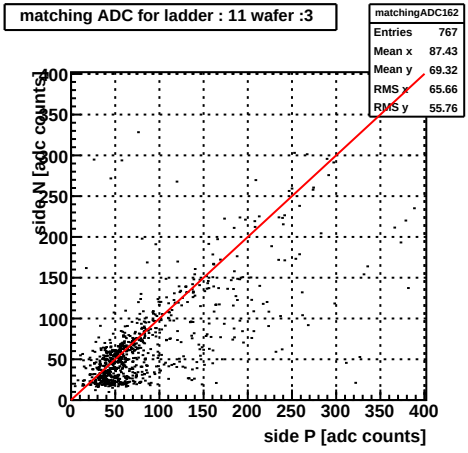

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 693
Mean x 93.29
Mean y 78.14
RMS x 72.65
RMS y 64.05
side N [adc counts]
side P [adc counts]

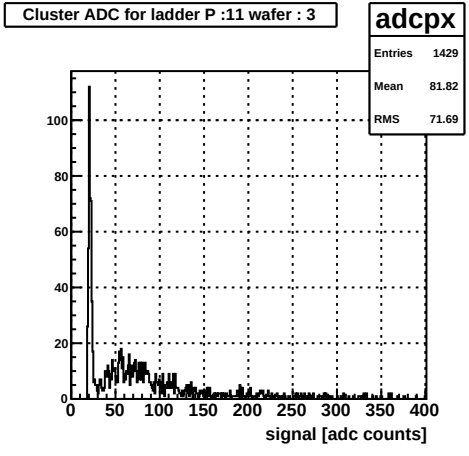

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 5909
Mean 38.02
RMS 44.71
signal [adc counts]

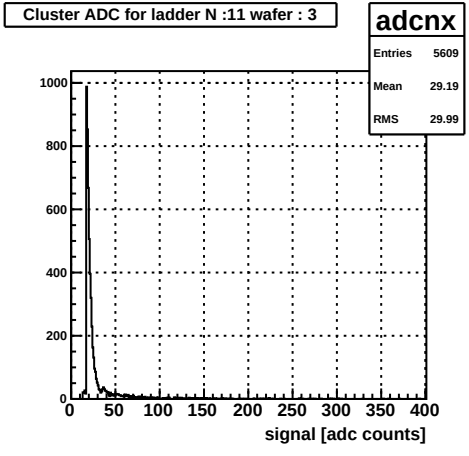

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 3142
Mean 34.11
RMS 43.77
signal [adc counts]

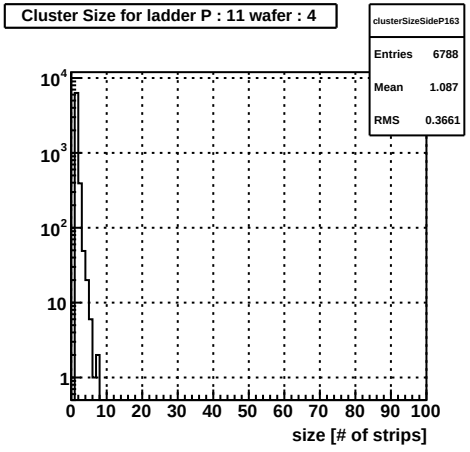

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1429
Mean 1.278
RMS 0.6451
size [# of strips]

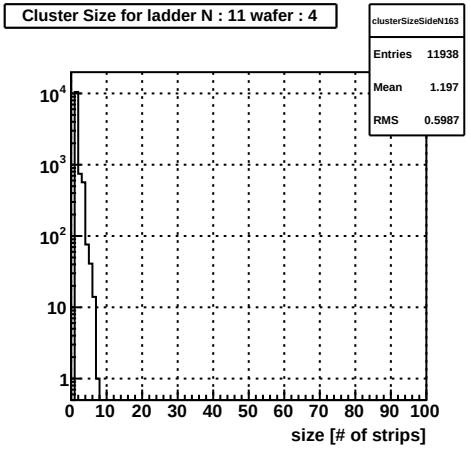

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5609
Mean 1.108
RMS 0.4544
size [# of strips]

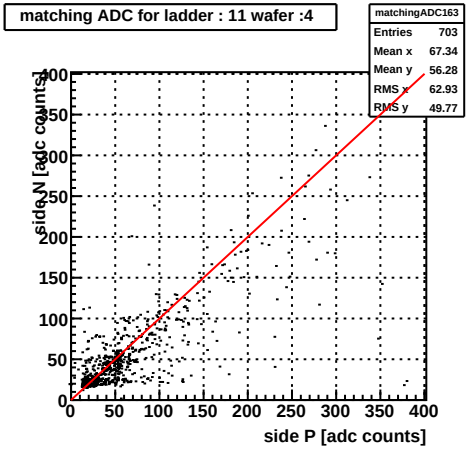

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 767
Mean x 87.43
Mean y 69.32
RMS x 65.66
RMS y 55.76
side N [adc counts]
side P [adc counts]

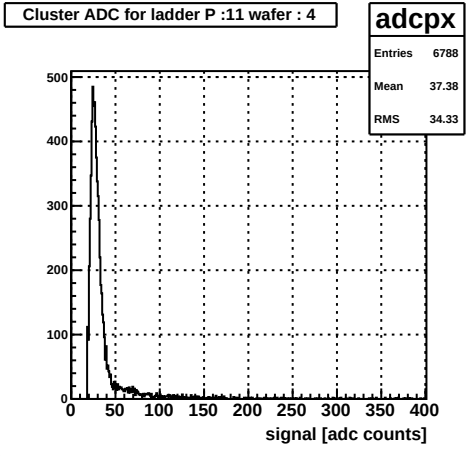

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1429
Mean 81.82
RMS 71.69
signal [adc counts]

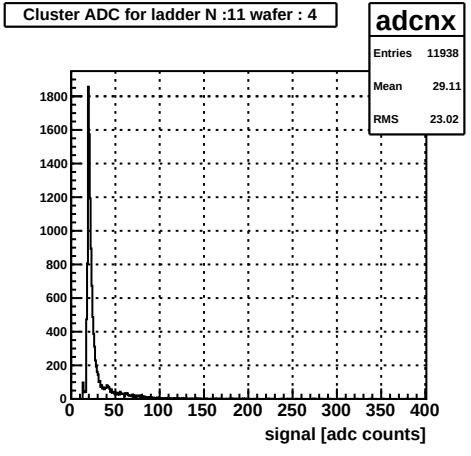

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5609
Mean 29.19
RMS 29.99
signal [adc counts]

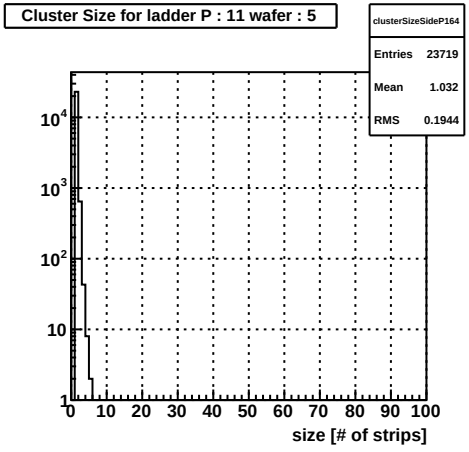

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 6788
Mean 1.087
RMS 0.3661
size [# of strips]

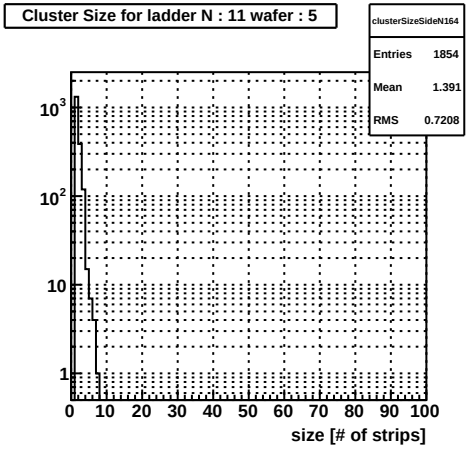

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 11938
Mean 1.197
RMS 0.5987
size [# of strips]

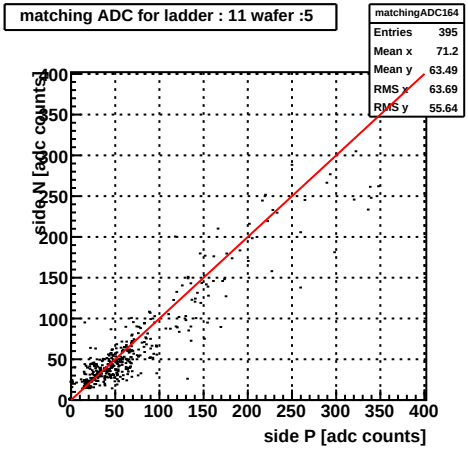

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 703
Mean x 67.34
Mean y 56.28
RMS x 62.93
RMS y 49.77
side N [adc counts]
side P [adc counts]

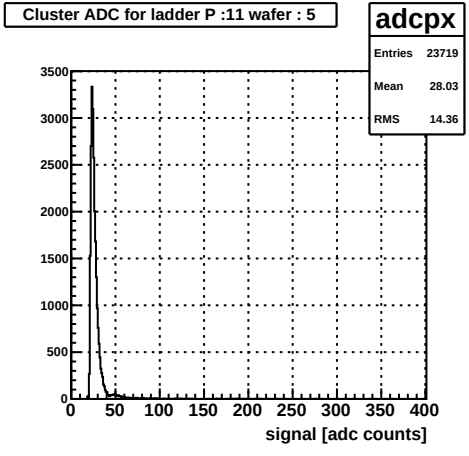

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 6788
Mean 37.38
RMS 34.33
signal [adc counts]

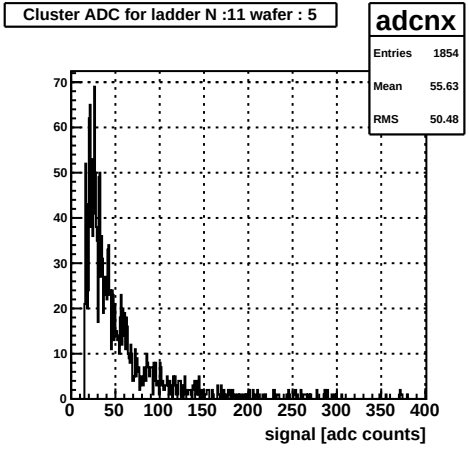

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 11938
Mean 29.11
RMS 23.02
signal [adc counts]

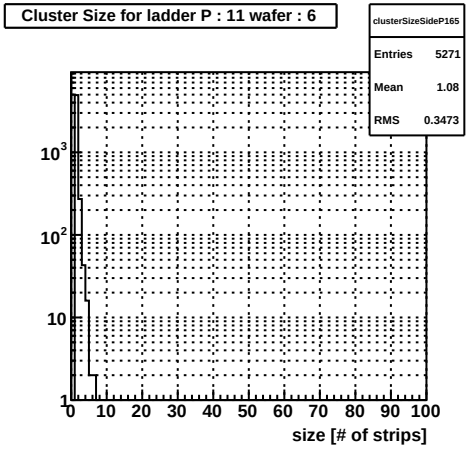

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 23719
Mean 1.032
RMS 0.1944
size [# of strips]

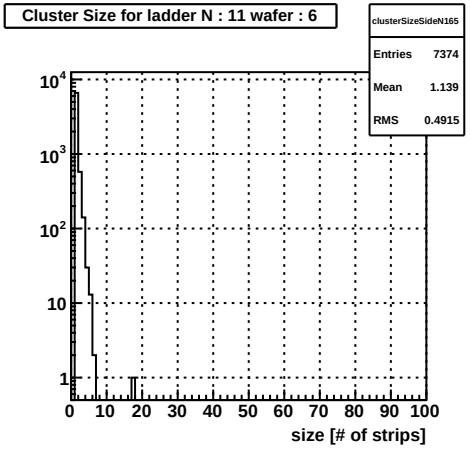

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1854
Mean 1.391
RMS 0.7208
size [# of strips]

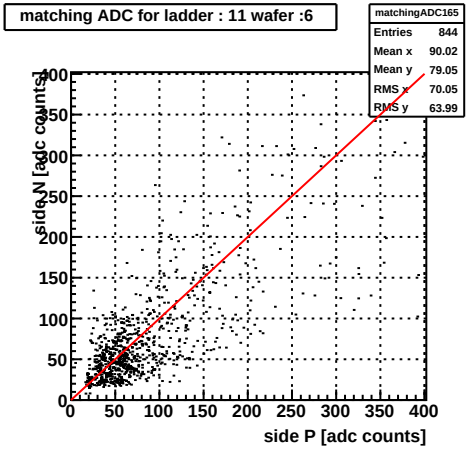

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 395
Mean x 71.2
Mean y 63.49
RMS x 63.69
RMS y 55.64
side N [adc counts]
side P [adc counts]

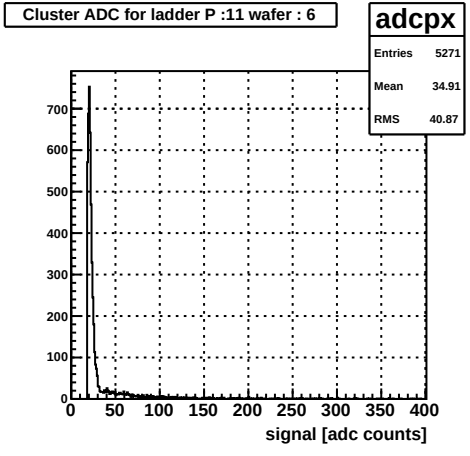

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 23719
Mean 28.03
RMS 14.36
signal [adc counts]

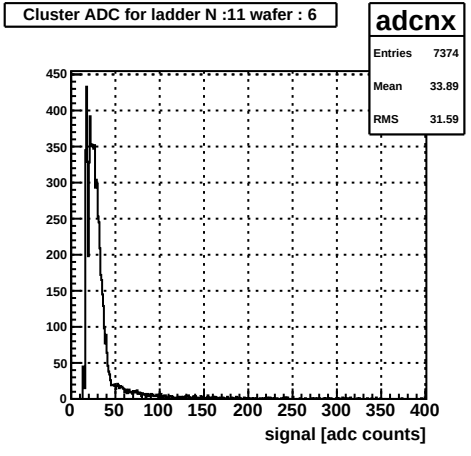

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1854
Mean 55.63
RMS 50.48
signal [adc counts]

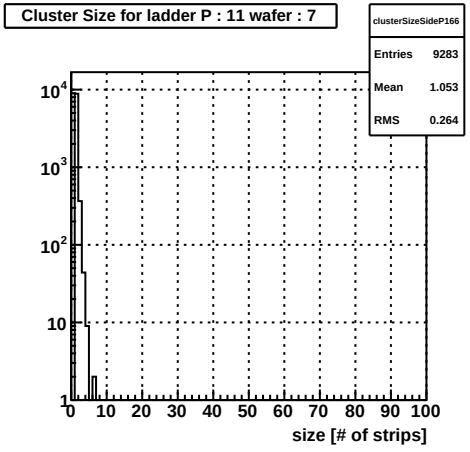

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 5271
Mean 1.08
RMS 0.3473
size [# of strips]

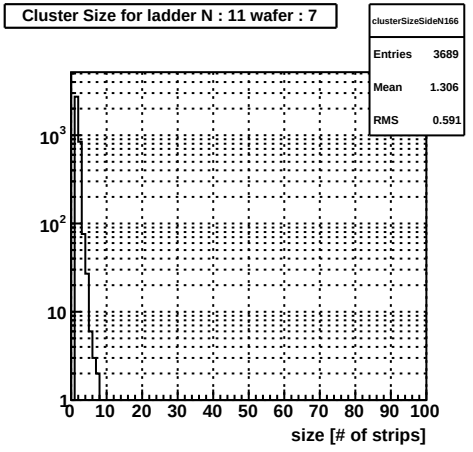

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 7374
Mean 1.139
RMS 0.4915
size [# of strips]

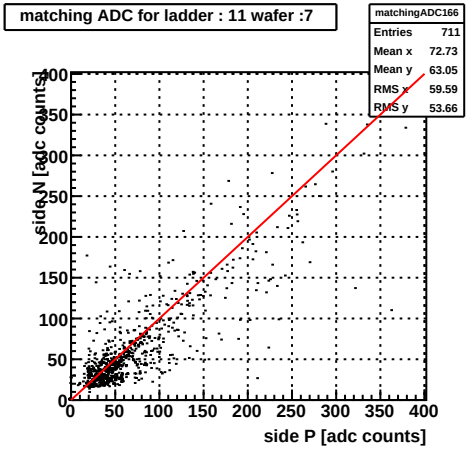

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 844
Mean x 90.02
Mean y 79.05
RMS x 70.05
RMS y 63.99
side N [adc counts]
side P [adc counts]

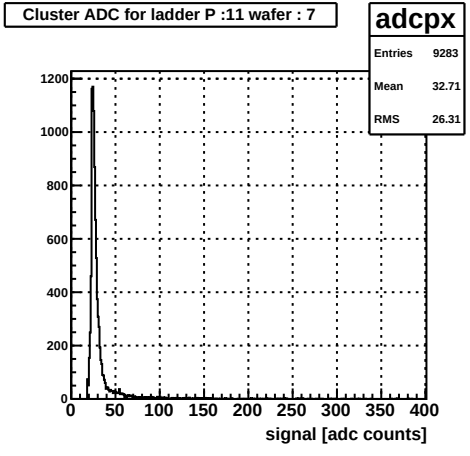

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 5271
Mean 34.91
RMS 40.87
signal [adc counts]

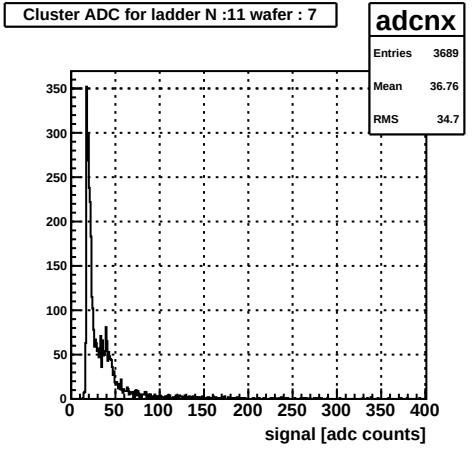

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 7374
Mean 33.89
RMS 31.59
signal [adc counts]

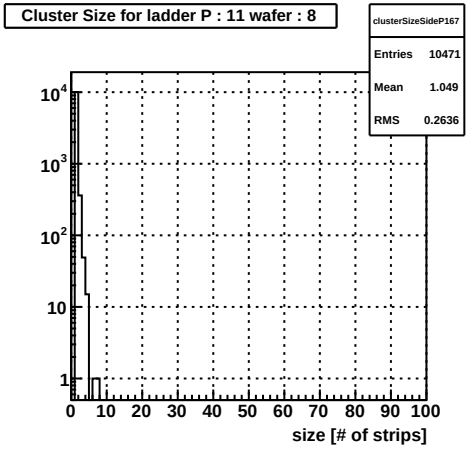

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 9283
Mean 1.053
RMS 0.264
size [# of strips]

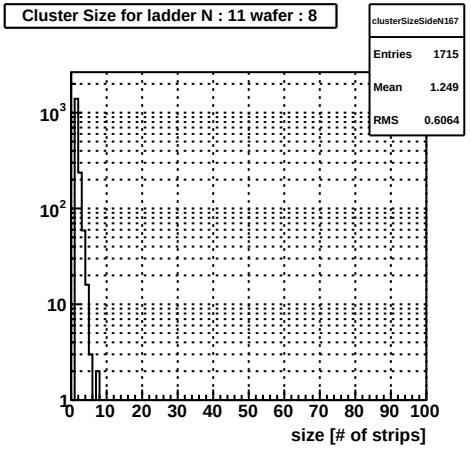

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 3689
Mean 1.306
RMS 0.591
size [# of strips]

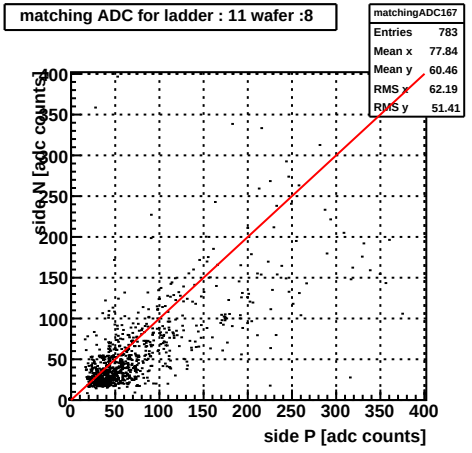

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 711
Mean x 72.73
Mean y 63.05
RMS x 59.59
RMS y 53.66
side N [adc counts]
side P [adc counts]

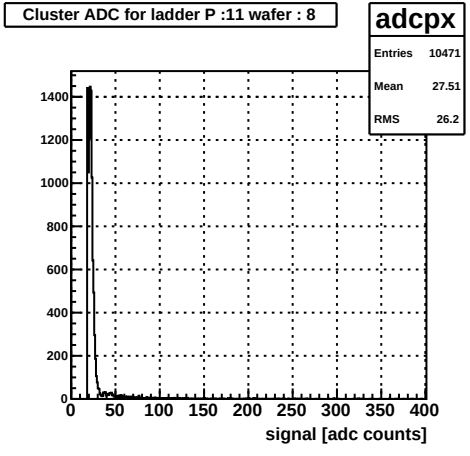

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 9283
Mean 32.71
RMS 26.31
signal [adc counts]

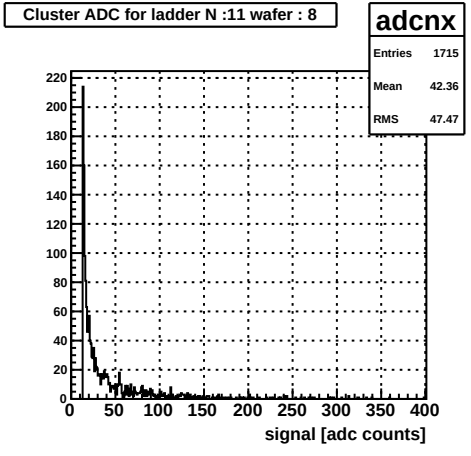

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 3689
Mean 36.76
RMS 34.7
signal [adc counts]

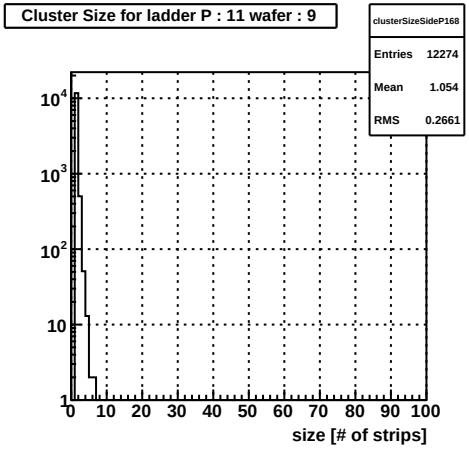

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 10471
Mean 1.049
RMS 0.2636
size [# of strips]

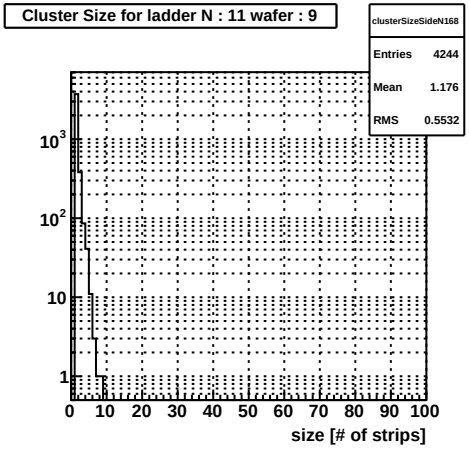

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1715
Mean 1.249
RMS 0.6064
size [# of strips]

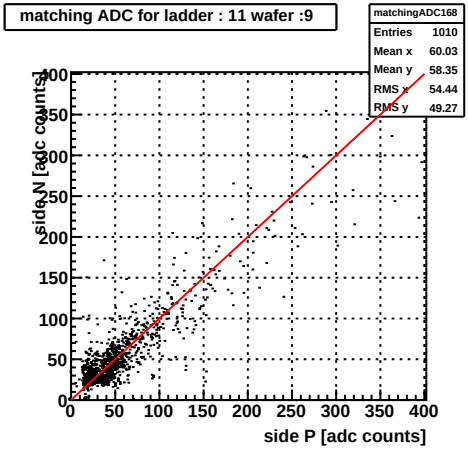

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 783
Mean x 77.84
Mean y 60.46
RMS x 62.19
RMS y 51.41
side N [adc counts]
side P [adc counts]

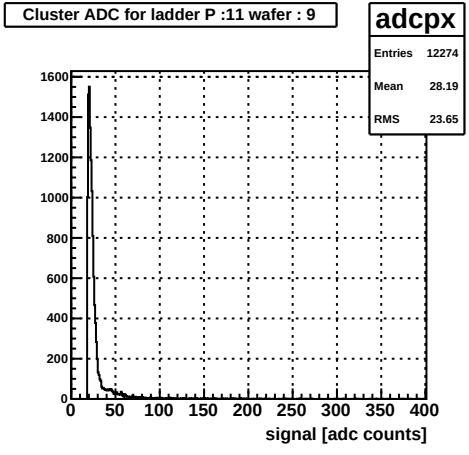

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 10471
Mean 27.51
RMS 26.2
signal [adc counts]

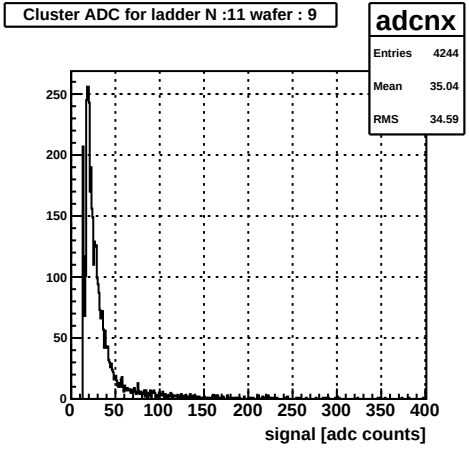

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1715
Mean 42.36
RMS 47.47
signal [adc counts]

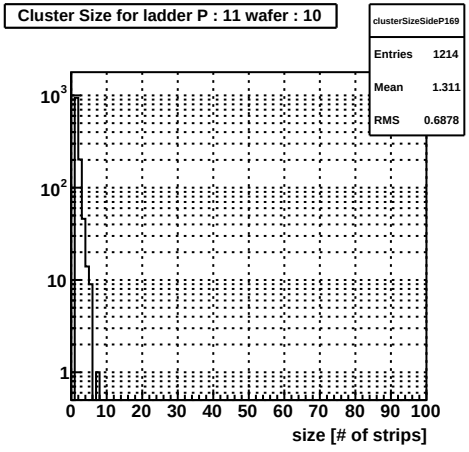

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 12274
Mean 1.054
RMS 0.2661
size [# of strips]

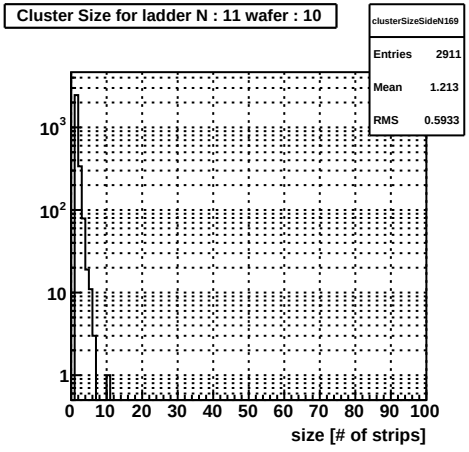

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 4244
Mean 1.176
RMS 0.5532
size [# of strips]

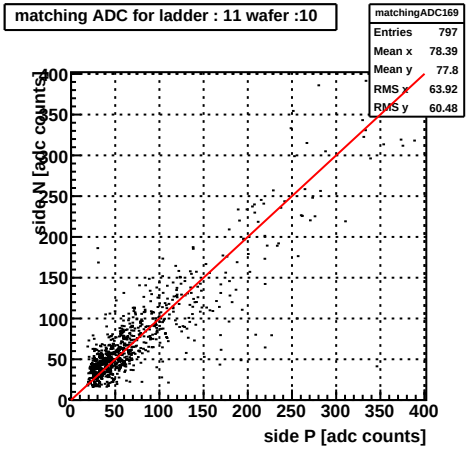

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1010
Mean x 60.03
Mean y 58.35
RMS x 54.44
RMS y 49.27
side N [adc counts]
side P [adc counts]

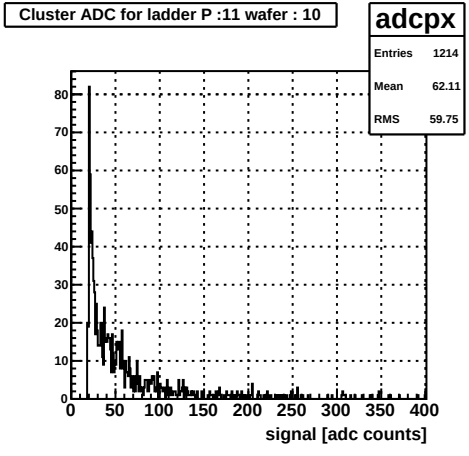

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 12274
Mean 28.19
RMS 23.65
signal [adc counts]

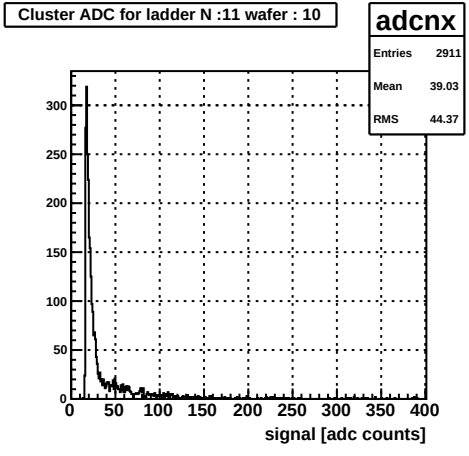

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 4244
Mean 35.04
RMS 34.59
signal [adc counts]

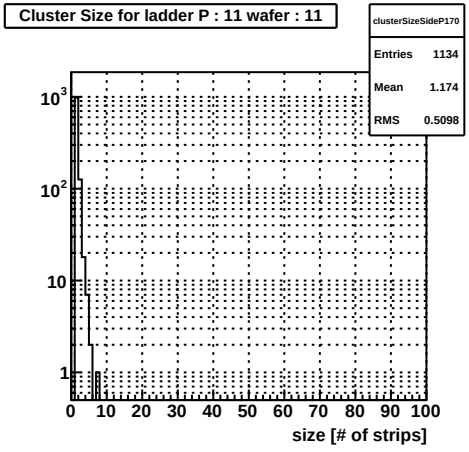

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1214
Mean 1.311
RMS 0.6878
size [# of strips]

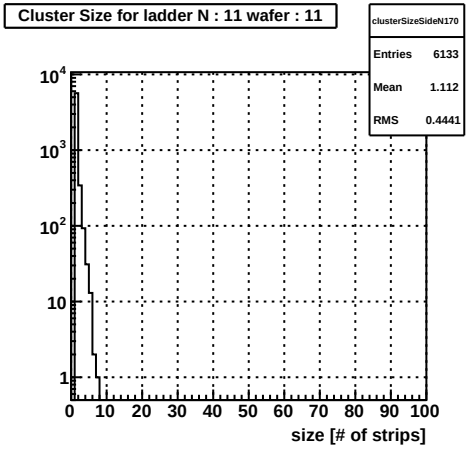

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2911
Mean 1.213
RMS 0.5933
size [# of strips]

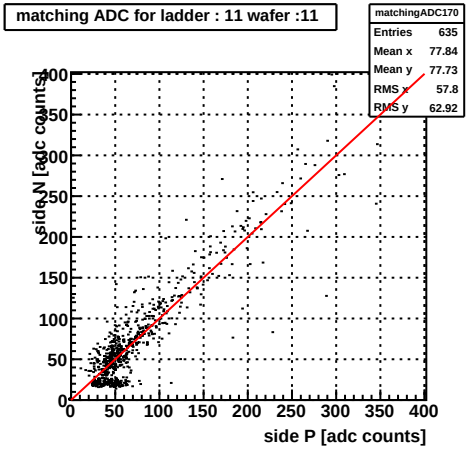

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 797
Mean x 78.39
Mean y 77.8
RMS x 63.92
RMS y 60.48
side N [adc counts]
side P [adc counts]

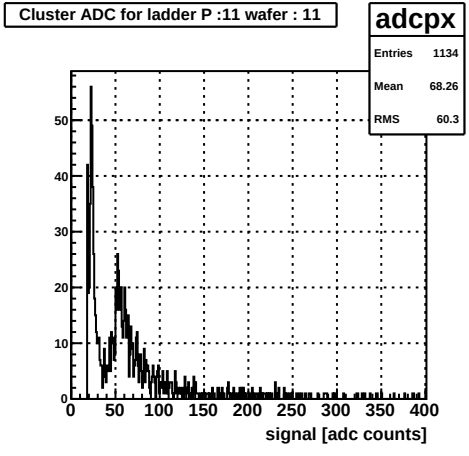

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1214
Mean 62.11
RMS 59.75
signal [adc counts]

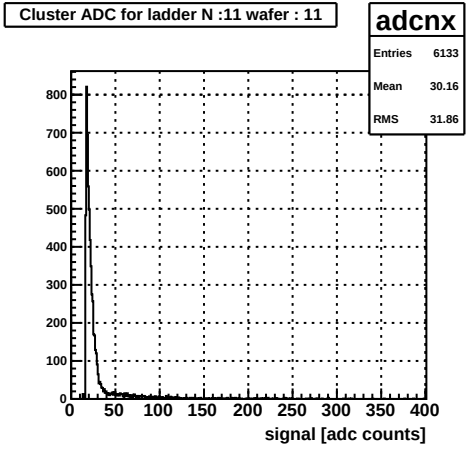

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2911
Mean 39.03
RMS 44.37
signal [adc counts]

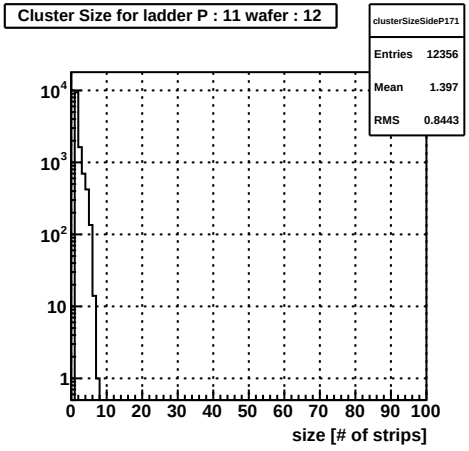

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1134
Mean 1.174
RMS 0.5098
size [# of strips]

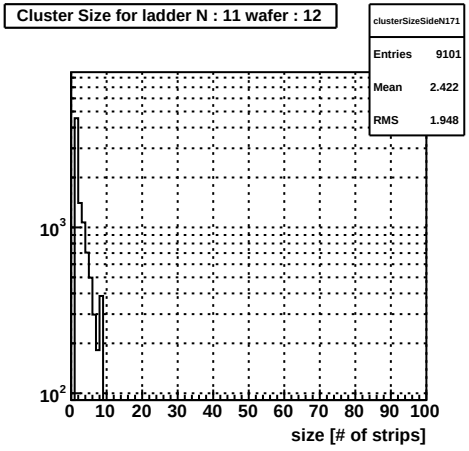

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 6133
Mean 1.112
RMS 0.4441
size [# of strips]

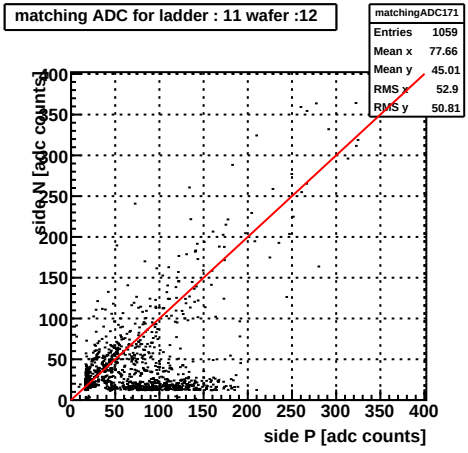

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 635
Mean x 77.84
Mean y 77.73
RMS x 57.8
RMS y 62.92
side N [adc counts]
side P [adc counts]

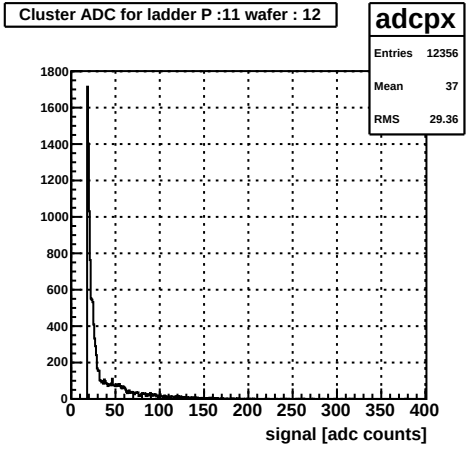

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1134
Mean 68.26
RMS 60.3
signal [adc counts]

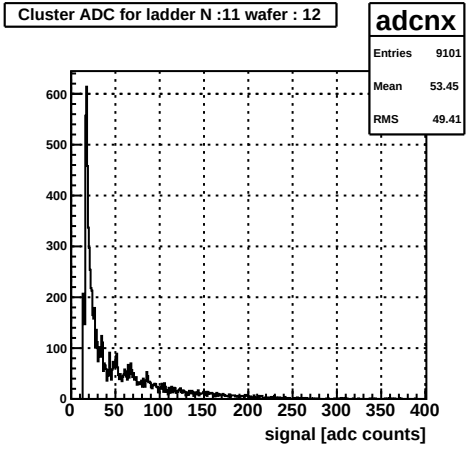

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 6133
Mean 30.16
RMS 31.86
signal [adc counts]

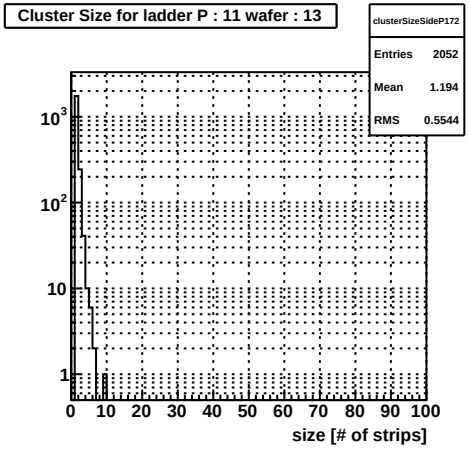

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 12356
Mean 1.397
RMS 0.8443
size [# of strips]

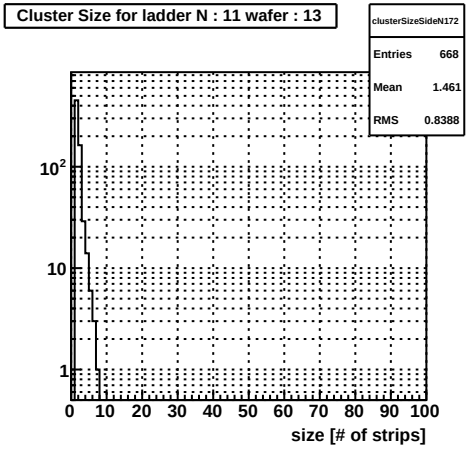

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 9101
Mean 2.422
RMS 1.948
size [# of strips]

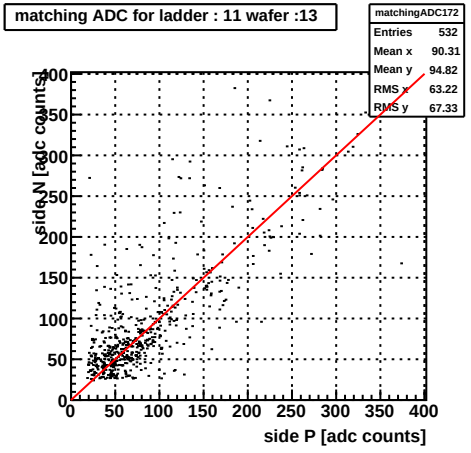

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1059
Mean x 77.66
Mean y 45.01
RMS x 52.9
RMS y 50.81
side N [adc counts]
side P [adc counts]

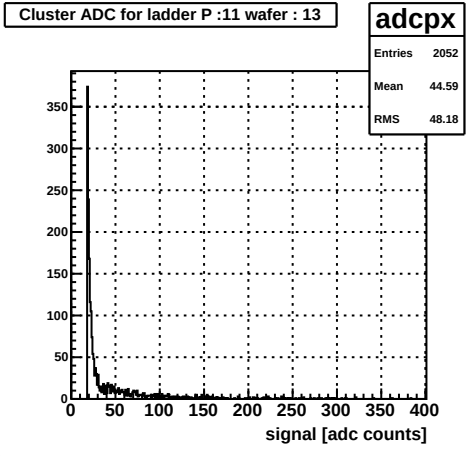

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 12356
Mean 37
RMS 29.36
signal [adc counts]

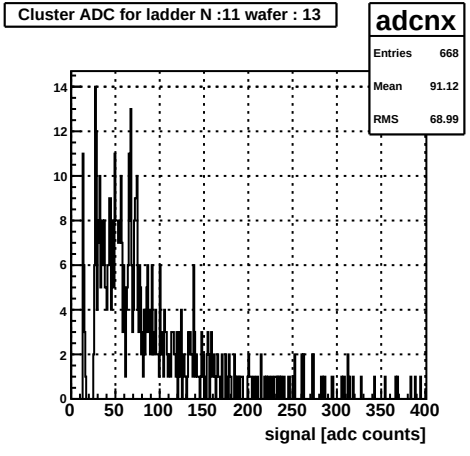

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 9101
Mean 53.45
RMS 49.41
signal [adc counts]

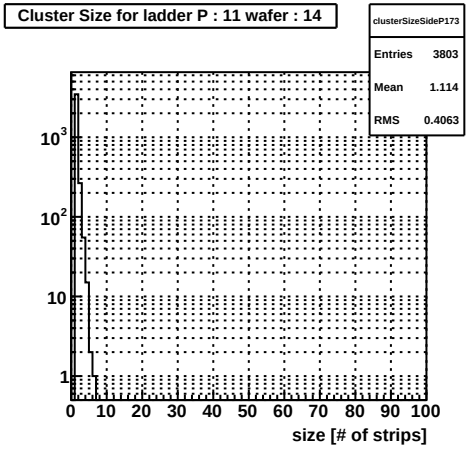

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 2052
Mean 1.194
RMS 0.5544
size [# of strips]

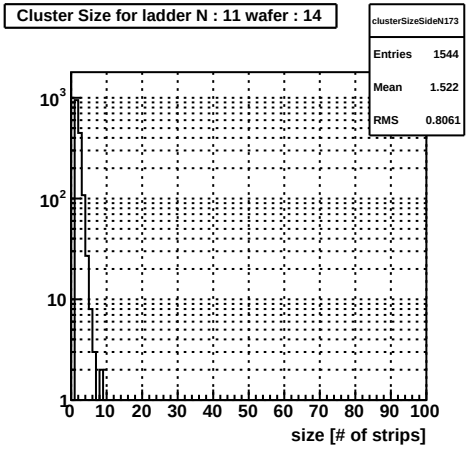

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 668
Mean 1.461
RMS 0.8388
size [# of strips]

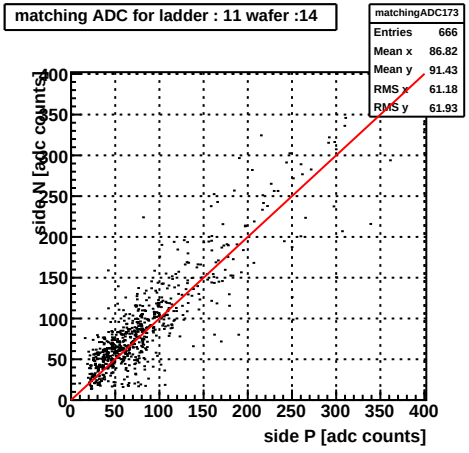

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 532
Mean x 90.31
Mean y 94.82
RMS x 63.22
RMS y 67.33
side N [adc counts]
side P [adc counts]

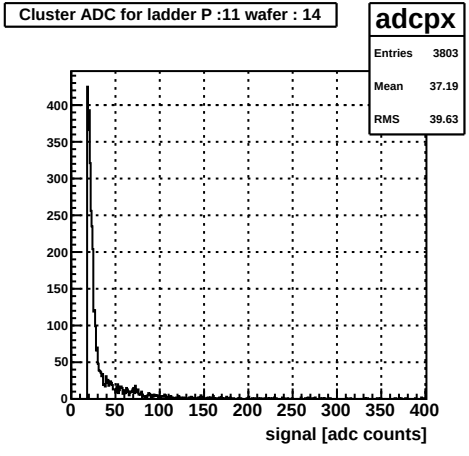

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 2052
Mean 44.59
RMS 48.18
signal [adc counts]

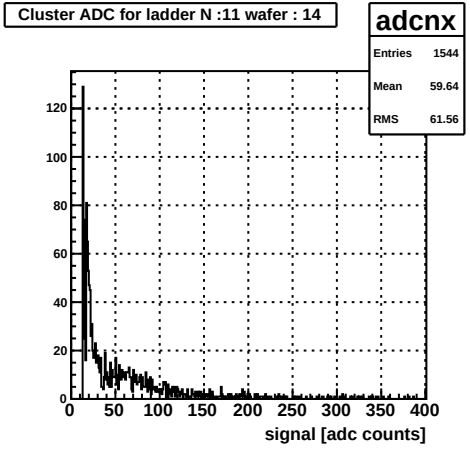

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 668
Mean 91.12
RMS 68.99
signal [adc counts]

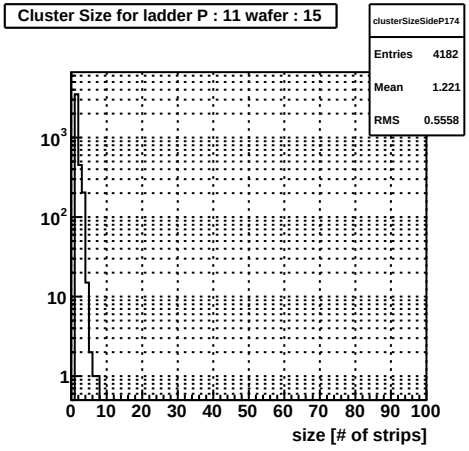

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3803
Mean 1.114
RMS 0.4063
size [# of strips]

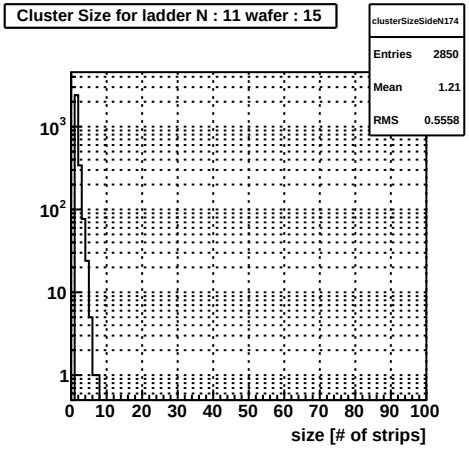

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1544
Mean 1.522
RMS 0.8061
size [# of strips]

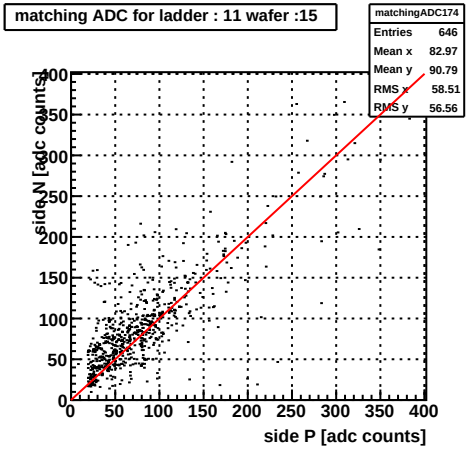

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 666
Mean x 86.82
Mean y 91.43
RMS x 61.18
RMS y 61.93
side N [adc counts]
side P [adc counts]

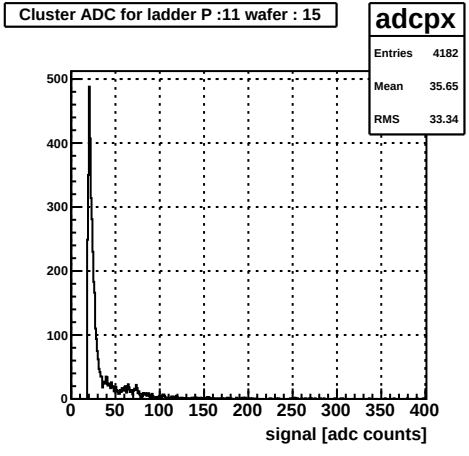

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3803
Mean 37.19
RMS 39.63
signal [adc counts]

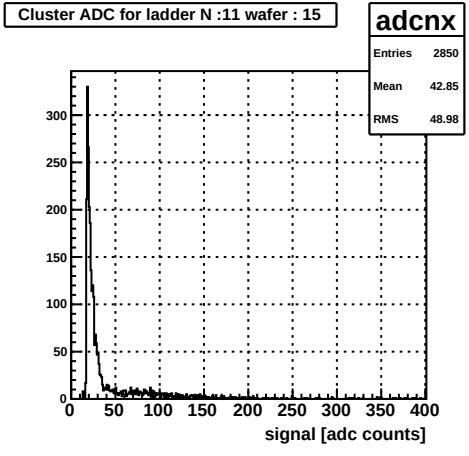

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1544
Mean 59.64
RMS 61.56
signal [adc counts]

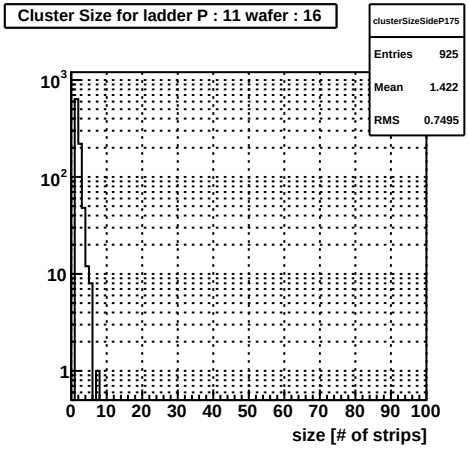

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4182
Mean 1.221
RMS 0.5558
size [# of strips]

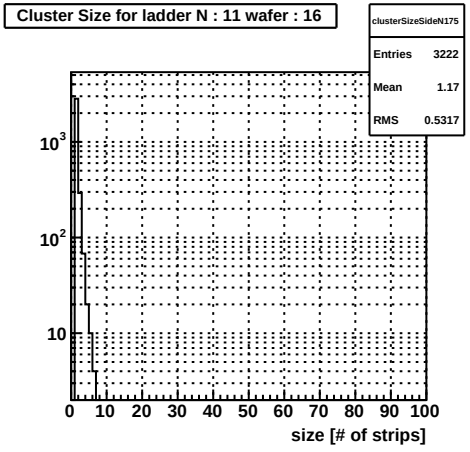

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2850
Mean 1.21
RMS 0.5558
size [# of strips]

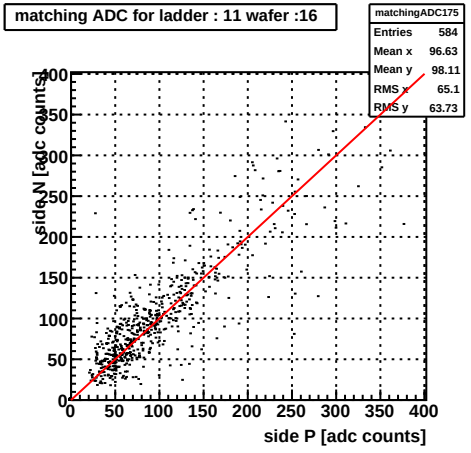

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 646
Mean x 82.97
Mean y 90.79
RMS x 58.51
RMS y 56.56
side N [adc counts]
side P [adc counts]

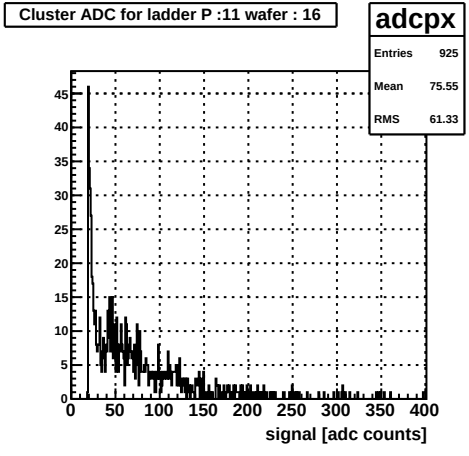

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4182
Mean 35.65
RMS 33.34
signal [adc counts]

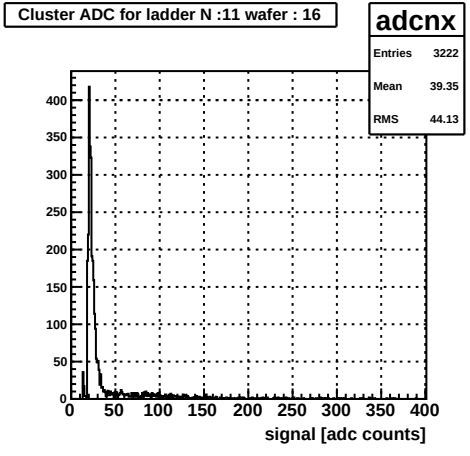

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2850
Mean 42.85
RMS 48.98
signal [adc counts]

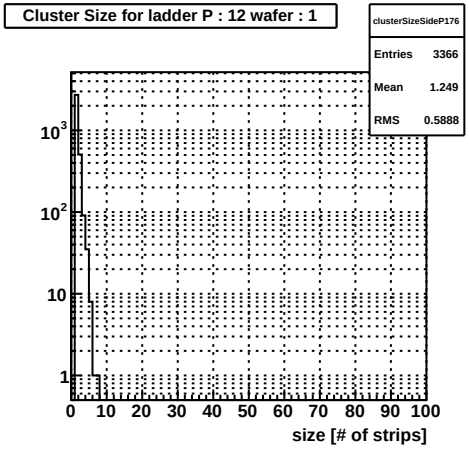

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 925
Mean 1.422
RMS 0.7495
size [# of strips]

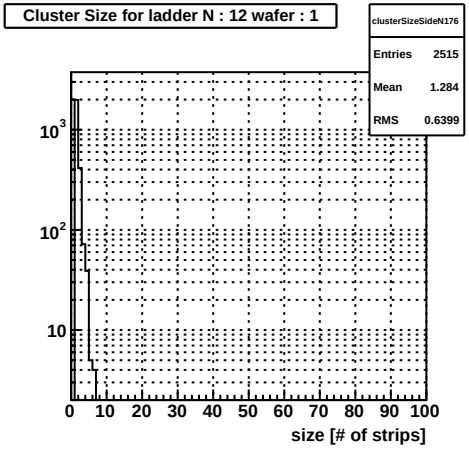

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 3222
Mean 1.17
RMS 0.5317
size [# of strips]

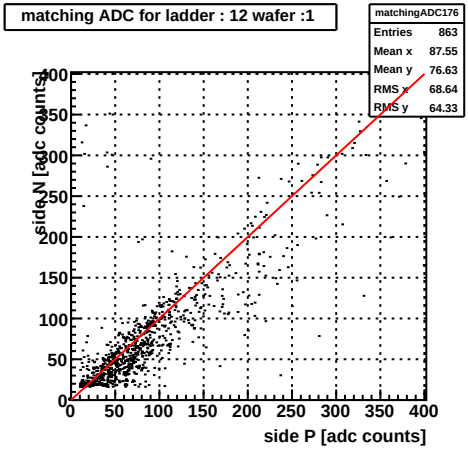

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 584
Mean x 96.63
Mean y 98.11
RMS x 65.1
RMS y 63.73
side N [adc counts]
side P [adc counts]

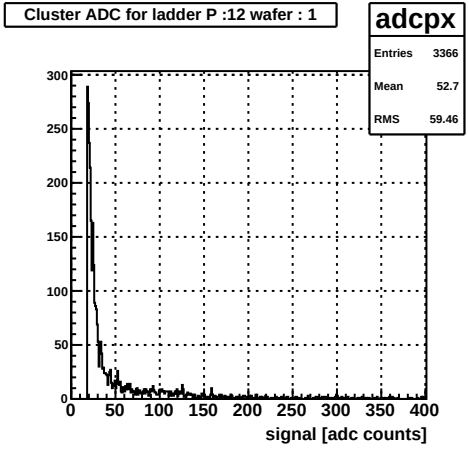

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 925
Mean 75.55
RMS 61.33
signal [adc counts]

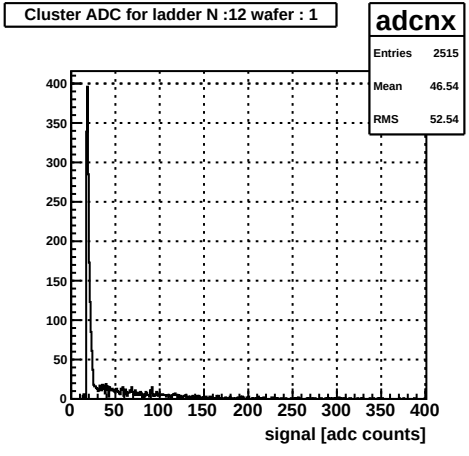

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 3222
Mean 39.35
RMS 44.13
signal [adc counts]

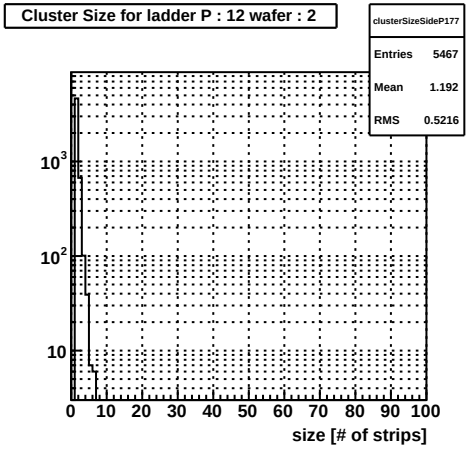

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3366
Mean 1.249
RMS 0.5888
size [# of strips]

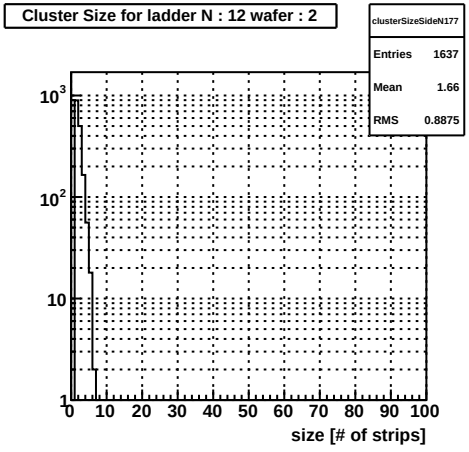

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2515
Mean 1.284
RMS 0.6399
size [# of strips]

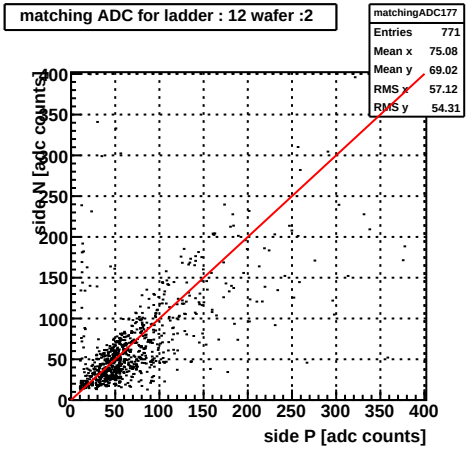

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 863
Mean x 87.55
Mean y 76.63
RMS x 68.64
RMS y 64.33
side N [adc counts]
side P [adc counts]

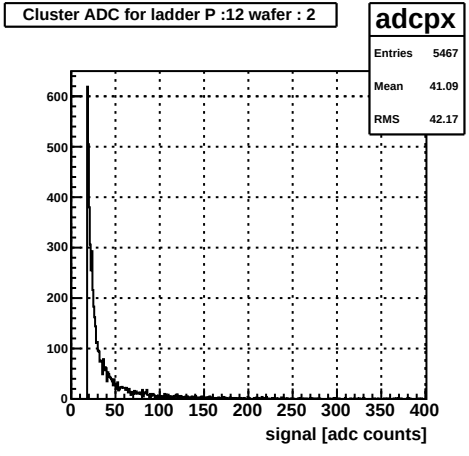

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3366
Mean 52.7
RMS 59.46
signal [adc counts]

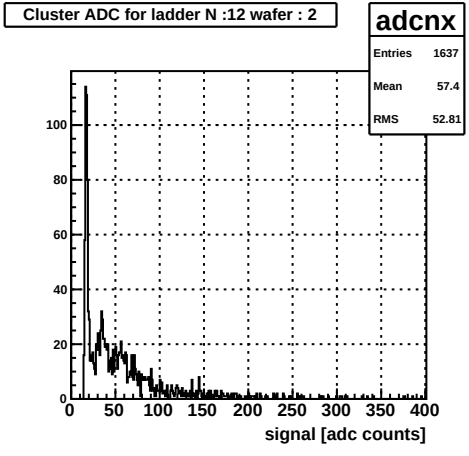

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2515
Mean 46.54
RMS 52.54
signal [adc counts]

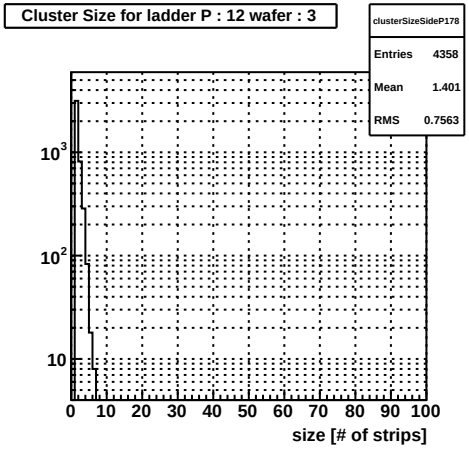

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 5467
Mean 1.192
RMS 0.5216
size [# of strips]

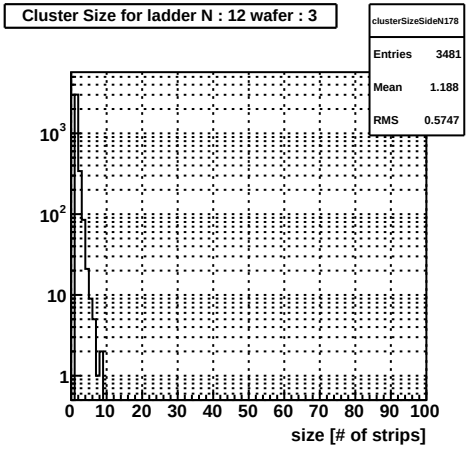

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1637
Mean 1.66
RMS 0.8875
size [# of strips]

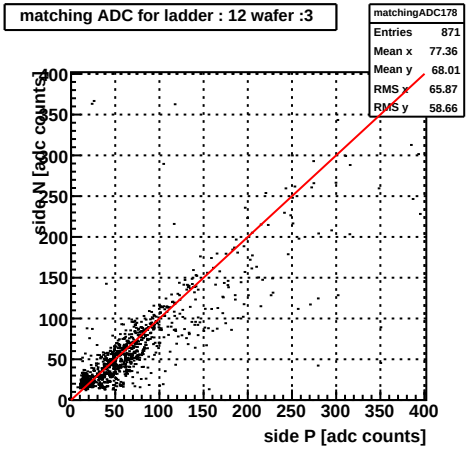

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 771
Mean x 75.08
Mean y 69.02
RMS x 57.12
RMS y 54.31
side N [adc counts]
side P [adc counts]

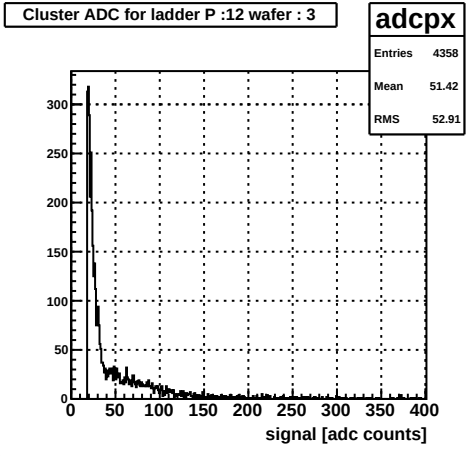

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 5467
Mean 41.09
RMS 42.17
signal [adc counts]

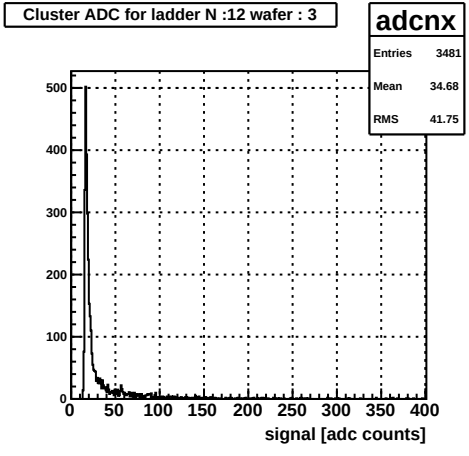

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1637
Mean 57.4
RMS 52.81
signal [adc counts]

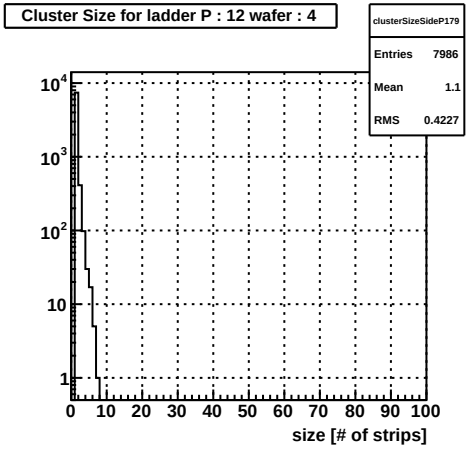

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 4358
Mean 1.401
RMS 0.7563
size [# of strips]

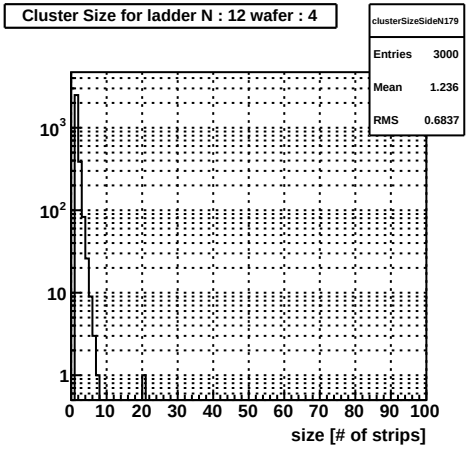

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3481
Mean 1.188
RMS 0.5747
size [# of strips]

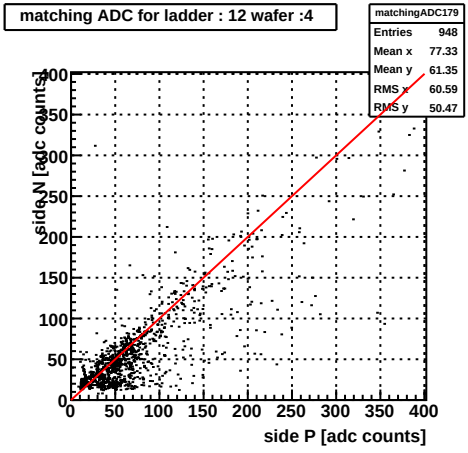

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 871
Mean x 77.36
Mean y 68.01
RMS x 65.87
RMS y 58.66
side N [adc counts]
side P [adc counts]

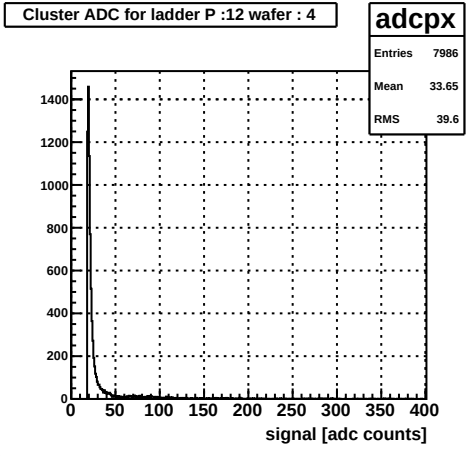

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 4358
Mean 51.42
RMS 52.91
signal [adc counts]

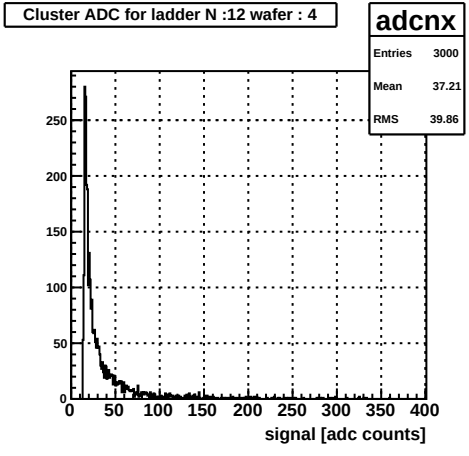

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3481
Mean 34.68
RMS 41.75
signal [adc counts]

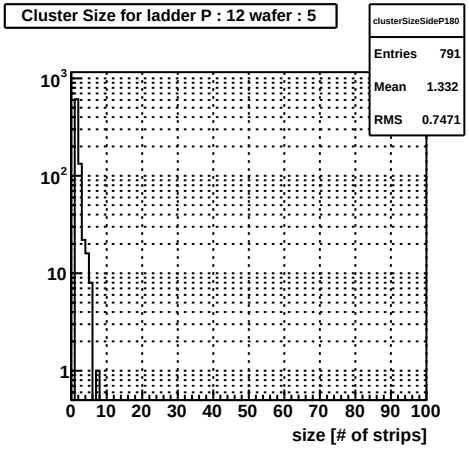

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 7986
Mean 1.1
RMS 0.4227
size [# of strips]

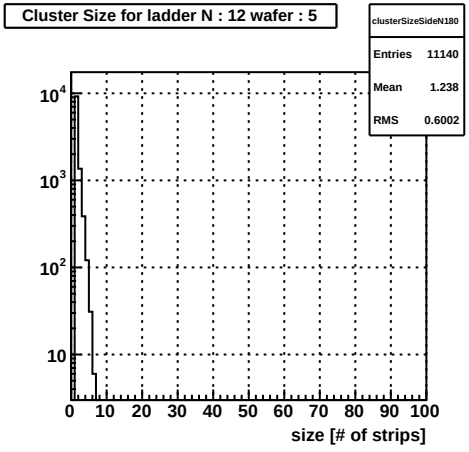

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 3000
Mean 1.236
RMS 0.6837
size [# of strips]

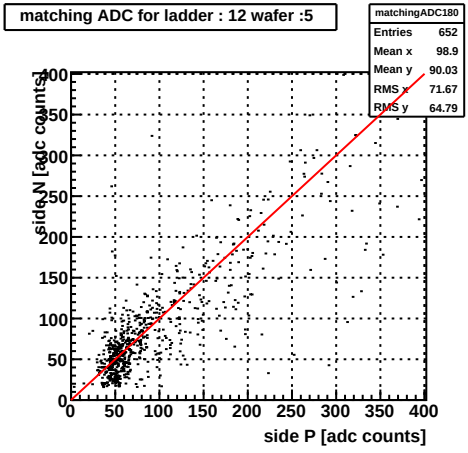

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 948
Mean x 77.33
Mean y 61.35
RMS x 60.59
RMS y 50.47
side N [adc counts]
side P [adc counts]

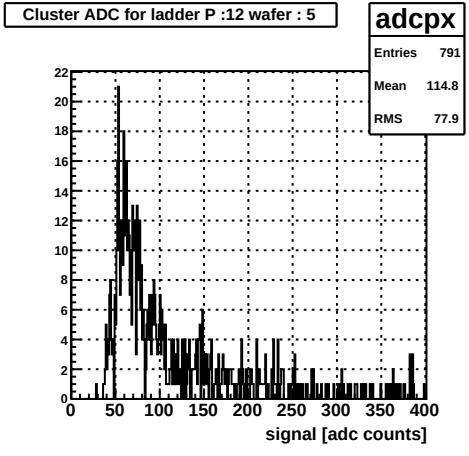

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 7986
Mean 33.65
RMS 39.6
signal [adc counts]

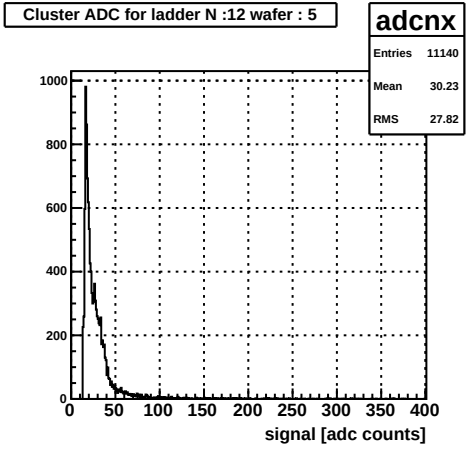

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 3000
Mean 37.21
RMS 39.86
signal [adc counts]

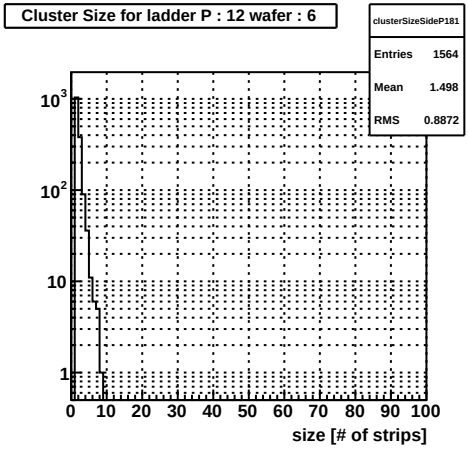

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 791
Mean 1.332
RMS 0.7471
size [# of strips]

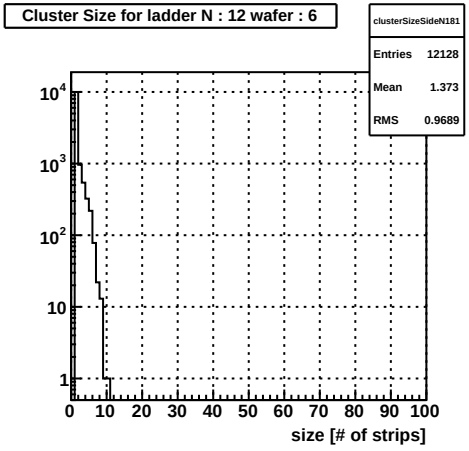

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 11140
Mean 1.238
RMS 0.6002
size [# of strips]

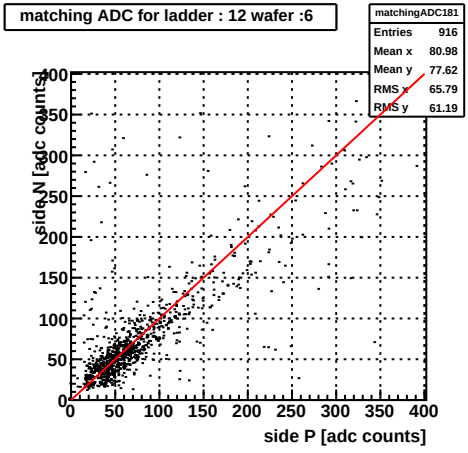

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 652
Mean x 98.9
Mean y 90.03
RMS x 71.67
RMS y 64.79
side N [adc counts]
side P [adc counts]

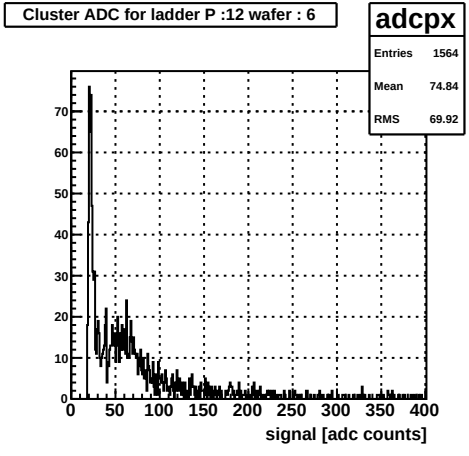

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 791
Mean 114.8
RMS 77.9
signal [adc counts]

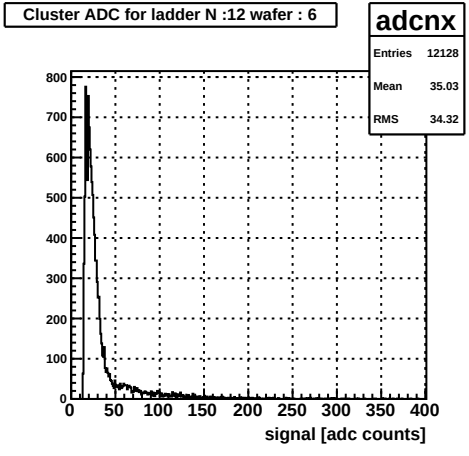

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 11140
Mean 30.23
RMS 27.82
signal [adc counts]

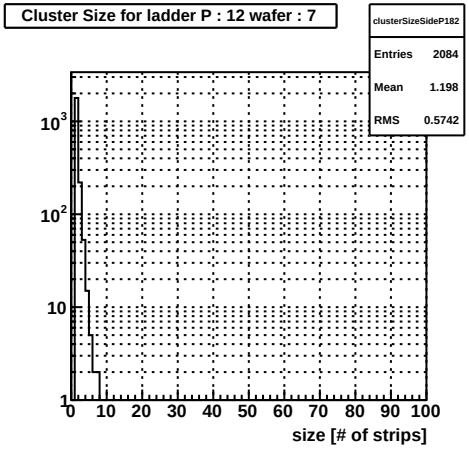

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1564
Mean 1.498
RMS 0.8872
size [# of strips]

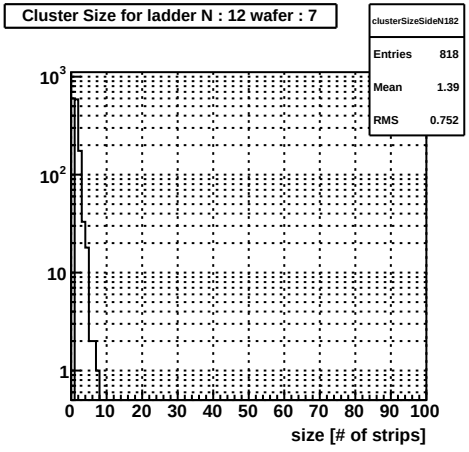

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 12128
Mean 1.373
RMS 0.9689
size [# of strips]

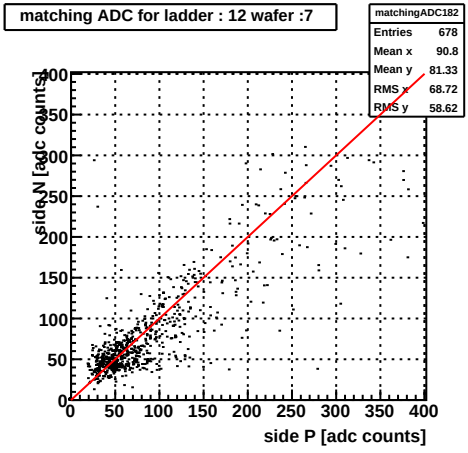

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 916
Mean x 80.98
Mean y 77.62
RMS x 65.79
RMS y 61.19
side N [adc counts]
side P [adc counts]

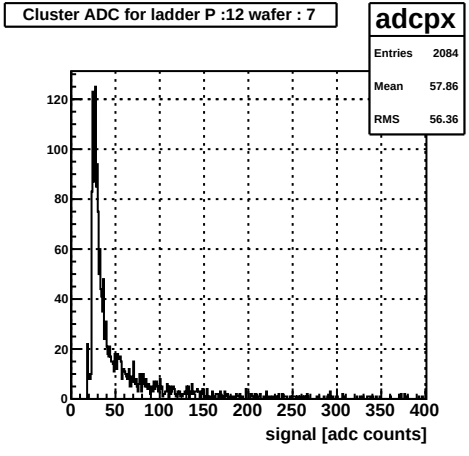

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1564
Mean 74.84
RMS 69.92
signal [adc counts]

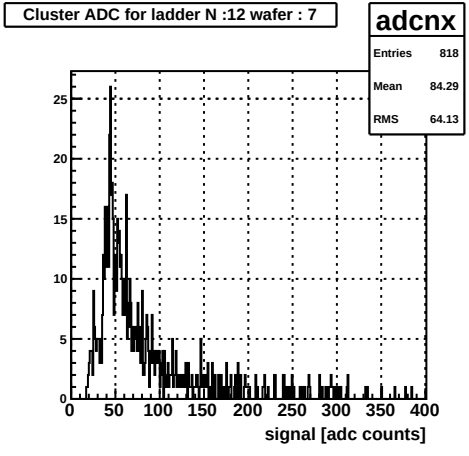

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 12128
Mean 35.03
RMS 34.32
signal [adc counts]

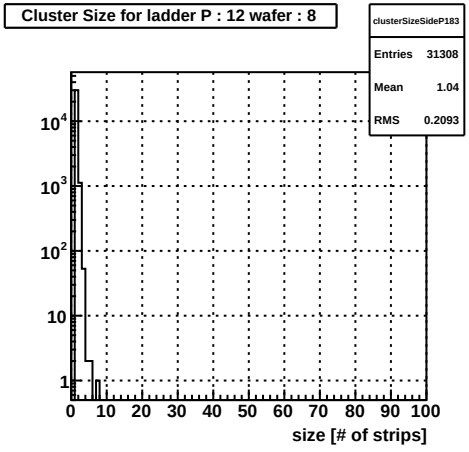

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2084
Mean 1.198
RMS 0.5742
size [# of strips]

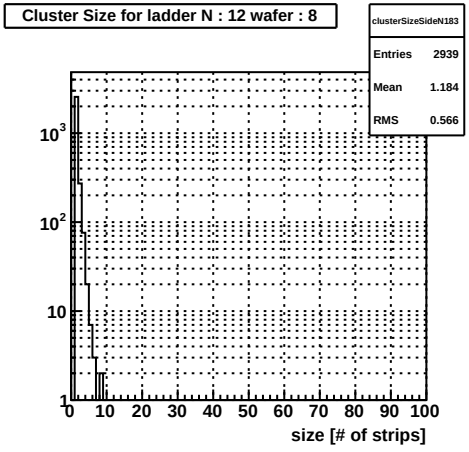

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 818
Mean 1.39
RMS 0.752
size [# of strips]

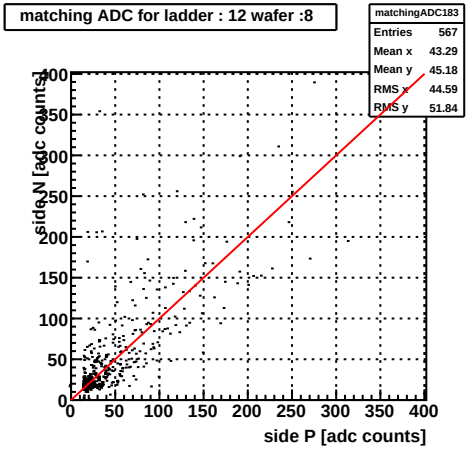

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 678
Mean x 90.8
Mean y 81.33
RMS x 68.72
RMS y 58.62
side N [adc counts]
side P [adc counts]

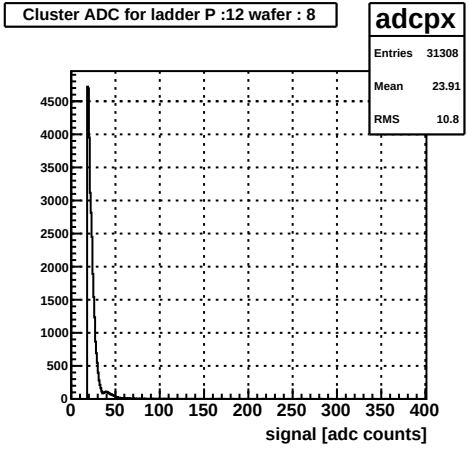

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2084
Mean 57.86
RMS 56.36
signal [adc counts]

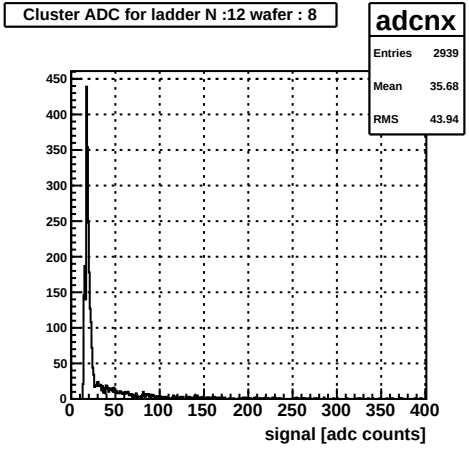

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 818
Mean 84.29
RMS 64.13
signal [adc counts]

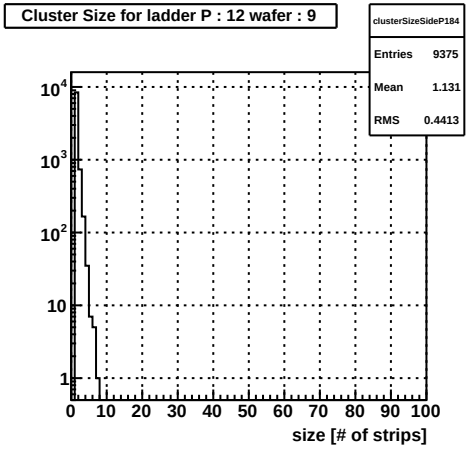

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 31308
Mean 1.04
RMS 0.2093
size [# of strips]

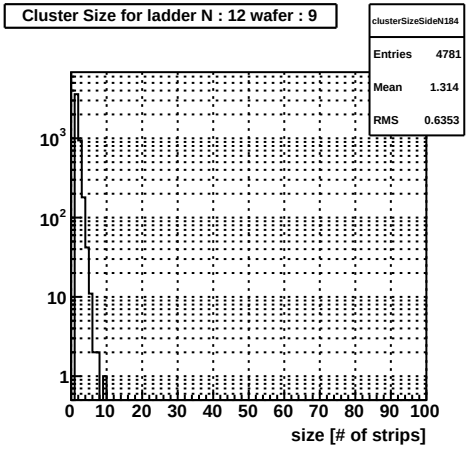

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2939
Mean 1.184
RMS 0.566
size [# of strips]

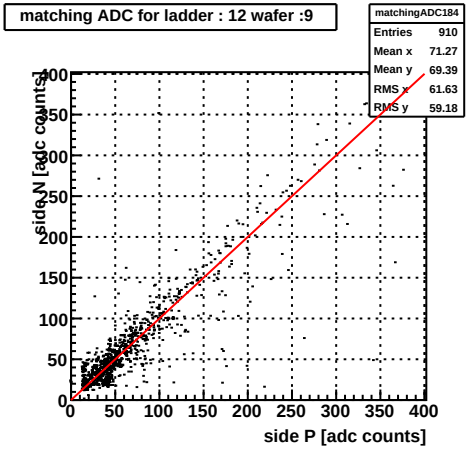

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 567
Mean x 43.29
Mean y 45.18
RMS x 44.59
RMS y 51.84
side N [adc counts]
side P [adc counts]

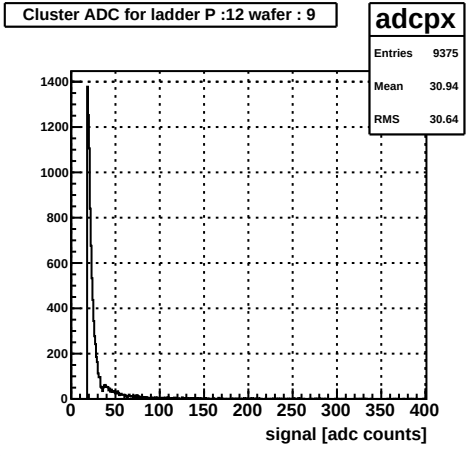

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 31308
Mean 23.91
RMS 10.8
signal [adc counts]

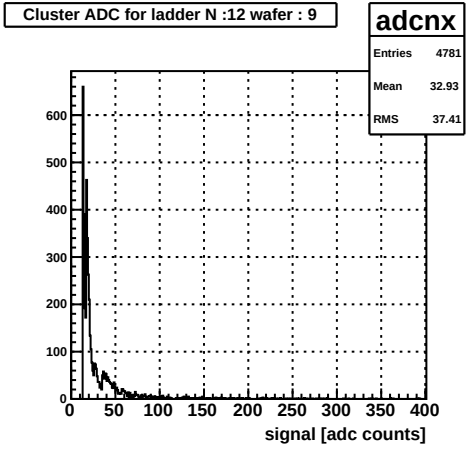

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2939
Mean 35.68
RMS 43.94
signal [adc counts]

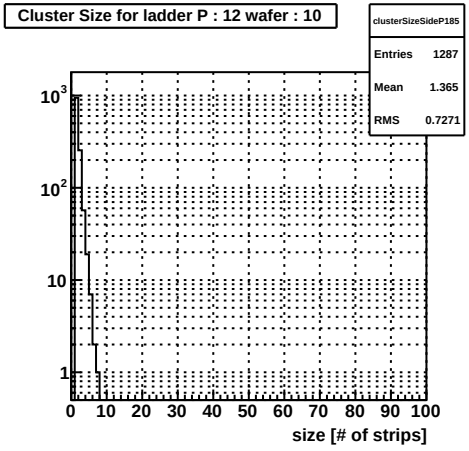

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 9375
Mean 1.131
RMS 0.4413
size [# of strips]

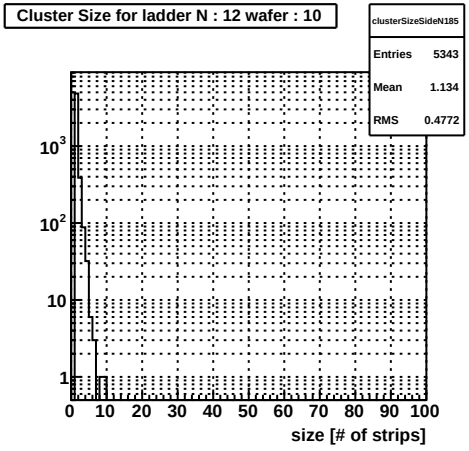

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4781
Mean 1.314
RMS 0.6353
size [# of strips]

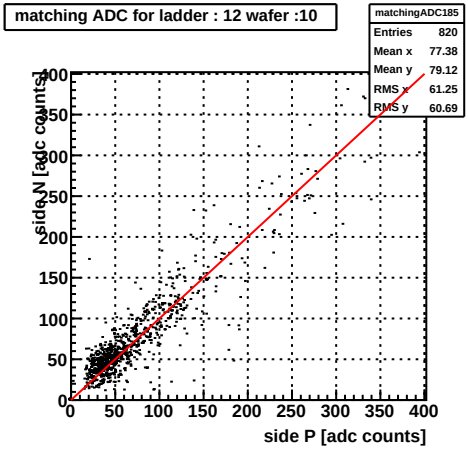

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 910
Mean x 71.27
Mean y 69.39
RMS x 61.63
RMS y 59.18
side N [adc counts]
side P [adc counts]

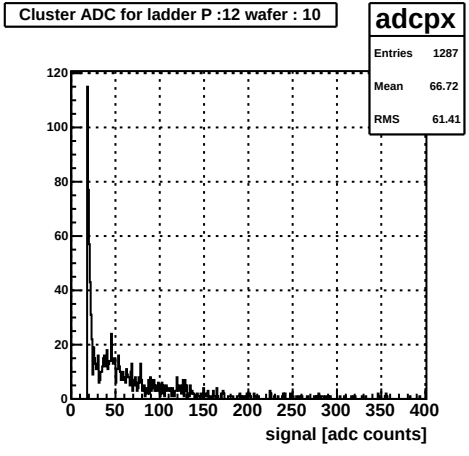

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 9375
Mean 30.94
RMS 30.64
signal [adc counts]

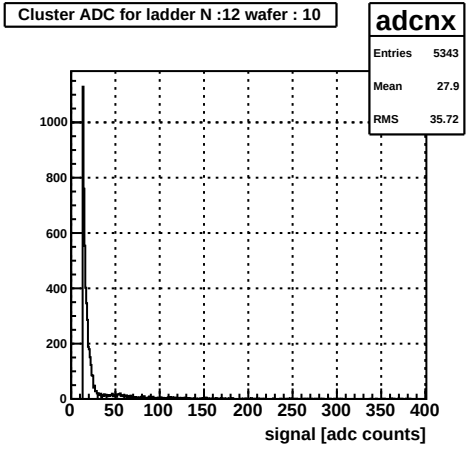

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4781
Mean 32.93
RMS 37.41
signal [adc counts]

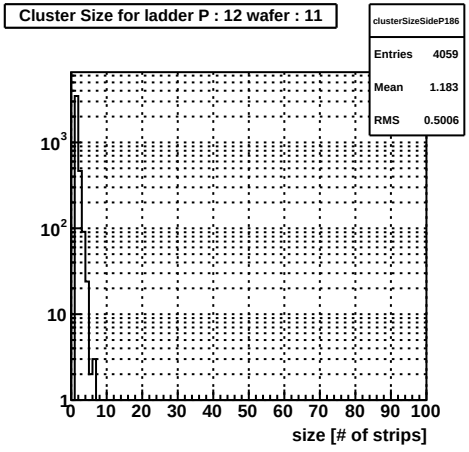

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1287
Mean 1.365
RMS 0.7271
size [# of strips]

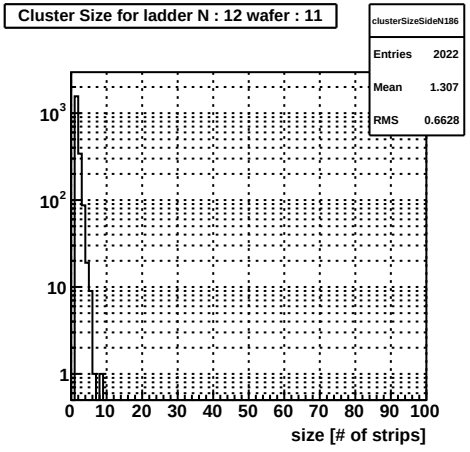

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 5343
Mean 1.134
RMS 0.4772
size [# of strips]

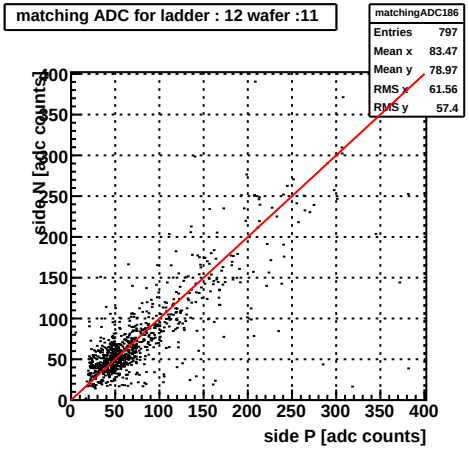

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 820
Mean x 77.38
Mean y 79.12
RMS x 61.25
RMS y 60.69
side N [adc counts]
side P [adc counts]

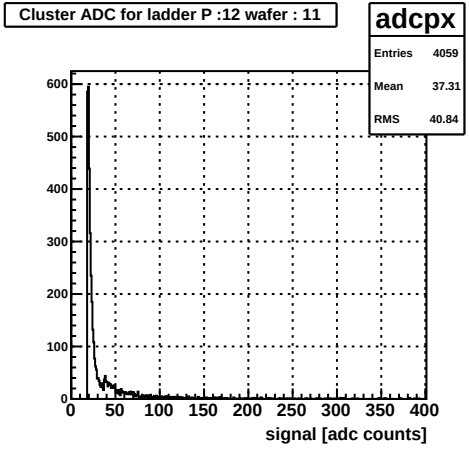

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1287
Mean 66.72
RMS 61.41
signal [adc counts]

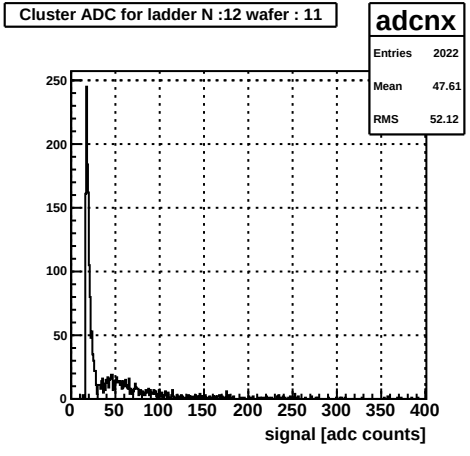

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 5343
Mean 27.9
RMS 35.72
signal [adc counts]

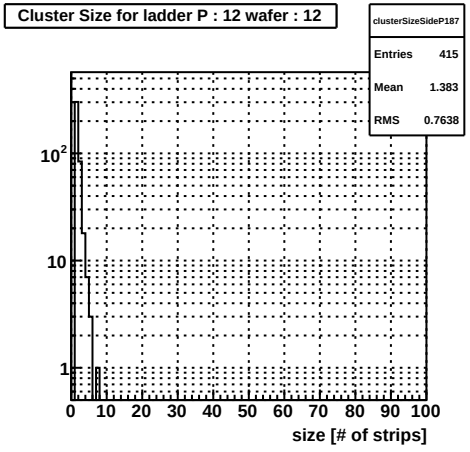

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4059
Mean 1.183
RMS 0.5006
size [# of strips]

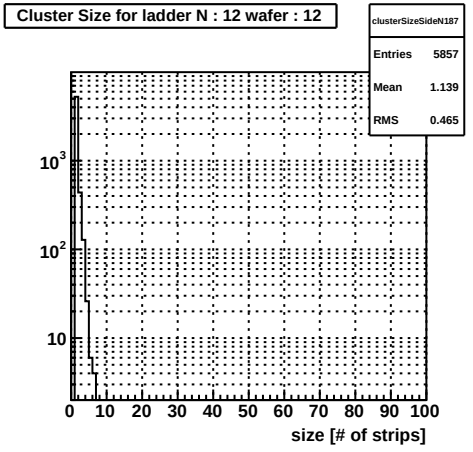

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2022
Mean 1.307
RMS 0.6628
size [# of strips]

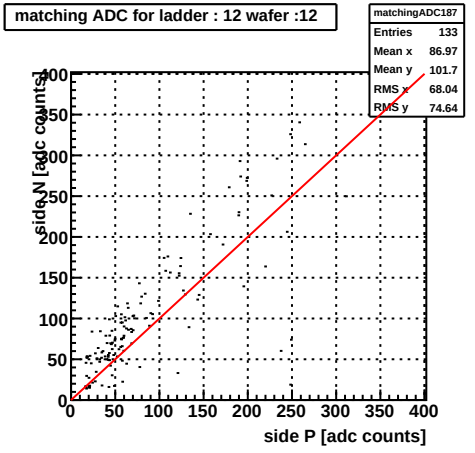

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 797
Mean x 83.47
Mean y 78.97
RMS x 61.56
RMS y 57.4
side N [adc counts]
side P [adc counts]

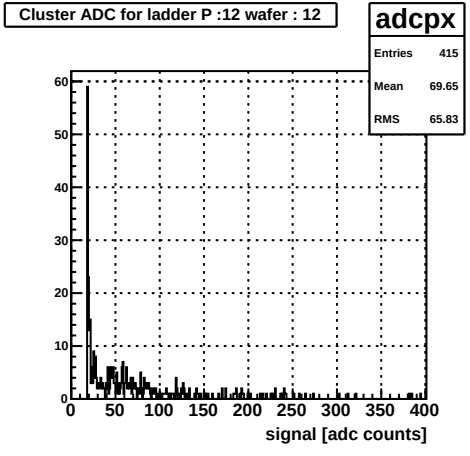

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4059
Mean 37.31
RMS 40.84
signal [adc counts]

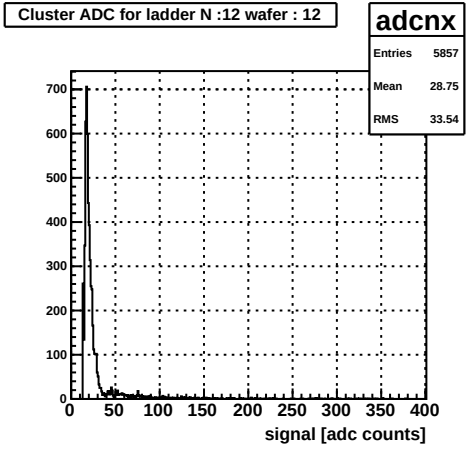

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2022
Mean 47.61
RMS 52.12
signal [adc counts]

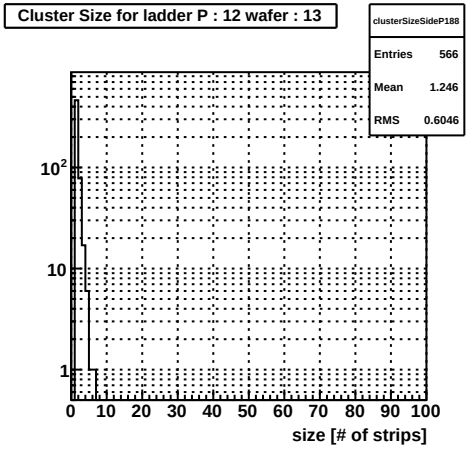

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 415
Mean 1.383
RMS 0.7638
size [# of strips]

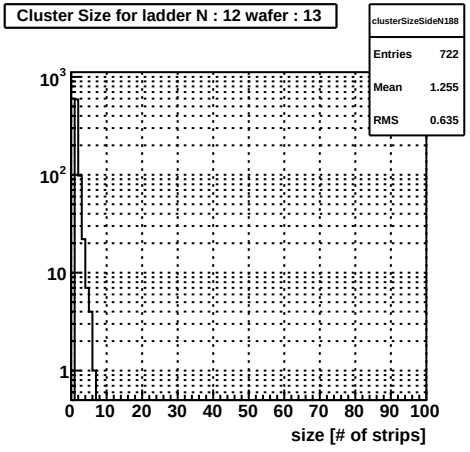

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 5857
Mean 1.139
RMS 0.465
size [# of strips]

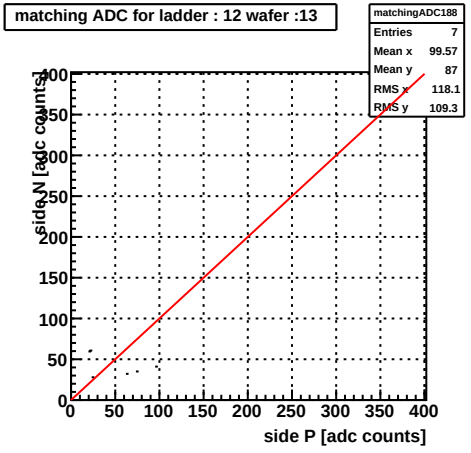

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 133
Mean x 86.97
Mean y 101.7
RMS x 68.04
RMS y 74.64
side N [adc counts]
side P [adc counts]

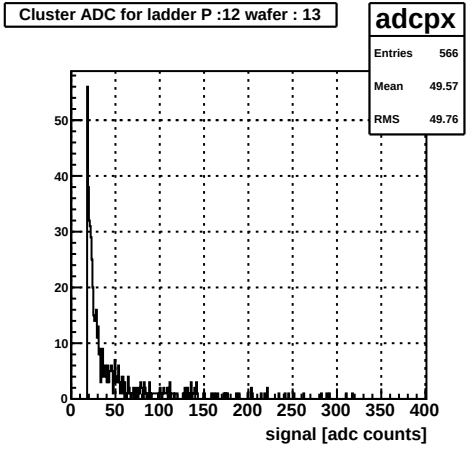

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 415
Mean 69.65
RMS 65.83
signal [adc counts]

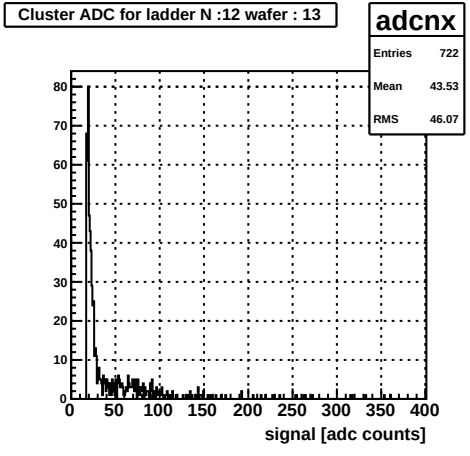

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 5857
Mean 28.75
RMS 33.54
signal [adc counts]

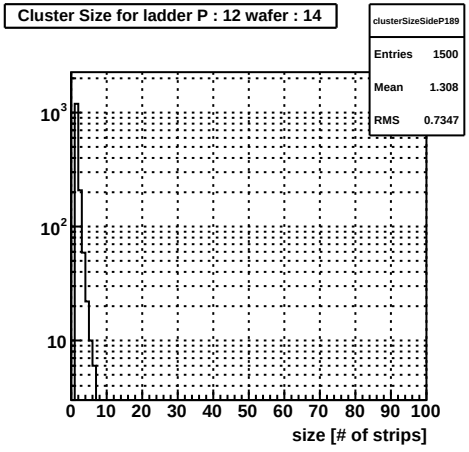

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 566
Mean 1.246
RMS 0.6046
size [# of strips]

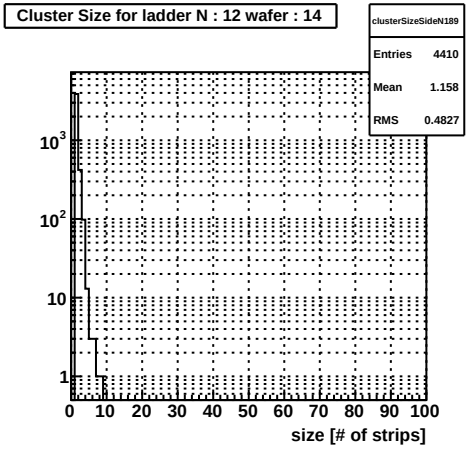

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 722
Mean 1.255
RMS 0.635
size [# of strips]

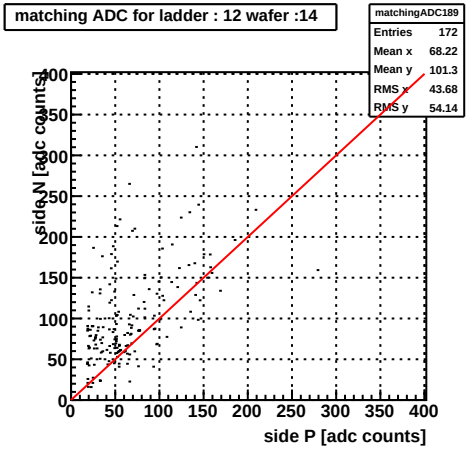

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 7
Mean x 99.57
Mean y 87
RMS x 118.1
RMS y 109.3
side N [adc counts]
side P [adc counts]

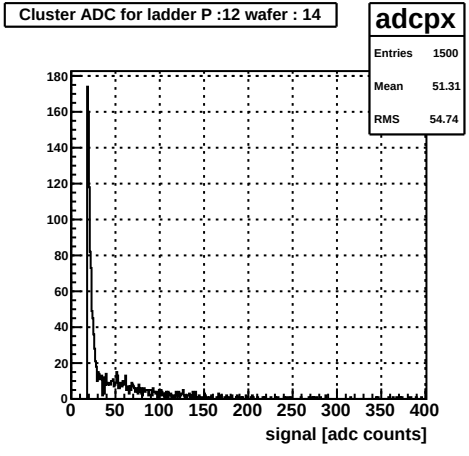

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 566
Mean 49.57
RMS 49.76
signal [adc counts]

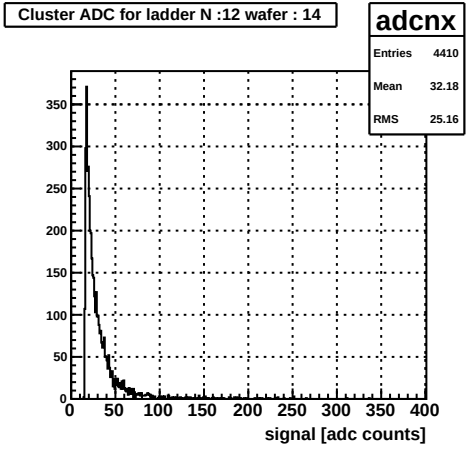

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 722
Mean 43.53
RMS 46.07
signal [adc counts]

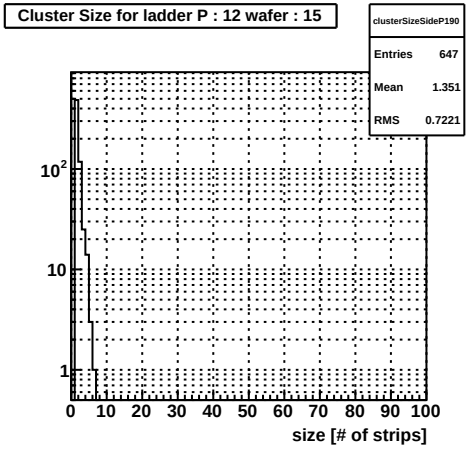

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1500
Mean 1.308
RMS 0.7347
size [# of strips]

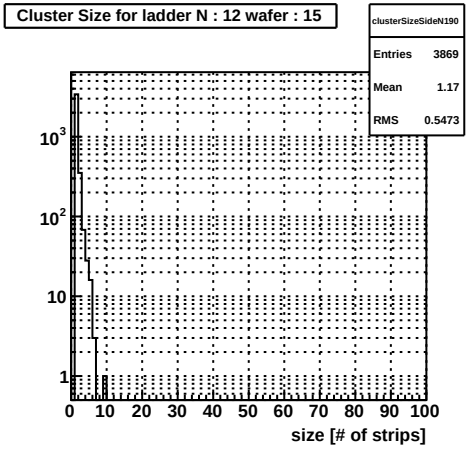

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 4410
Mean 1.158
RMS 0.4827
size [# of strips]

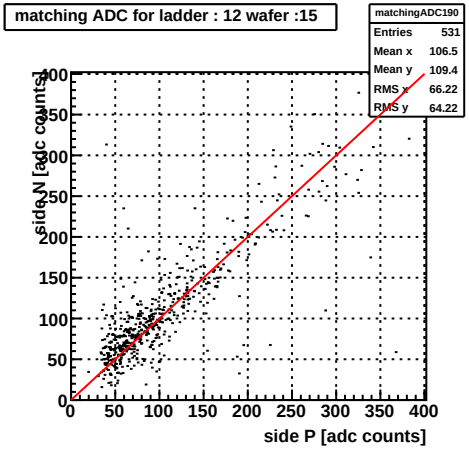

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 172
Mean x 68.22
Mean y 101.3
RMS x 43.68
RMS y 54.14
side N [adc counts]
side P [adc counts]

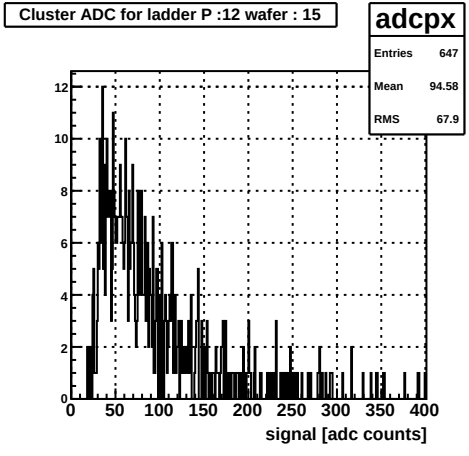

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1500
Mean 51.31
RMS 54.74
signal [adc counts]

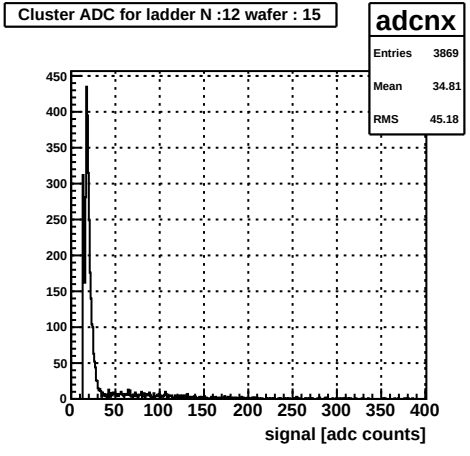

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 4410
Mean 32.18
RMS 25.16
signal [adc counts]

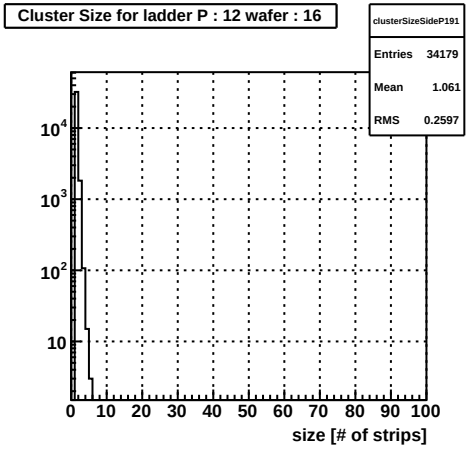

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 647
Mean 1.351
RMS 0.7221
size [# of strips]

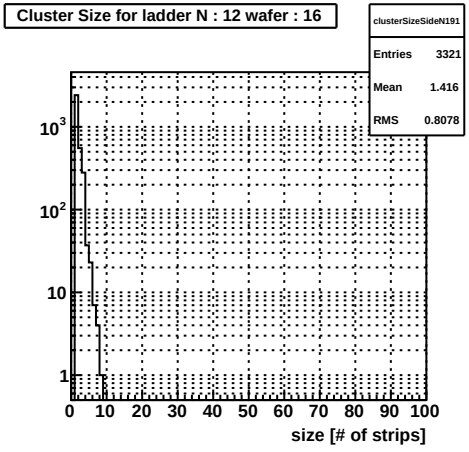

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3869
Mean 1.17
RMS 0.5473
size [# of strips]

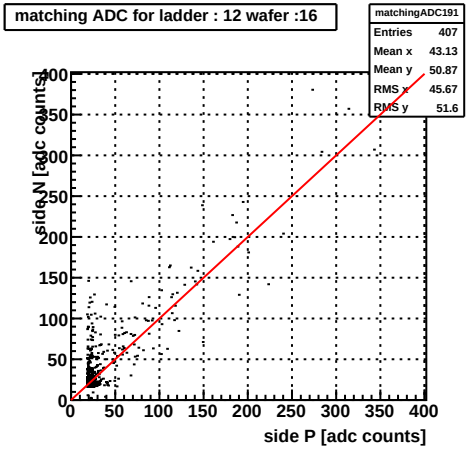

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 531
Mean x 106.5
Mean y 109.4
RMS x 66.22
RMS y 64.22
side N [adc counts]
side P [adc counts]

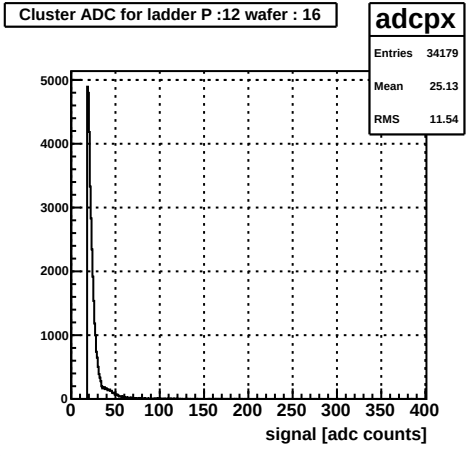

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 647
Mean 94.58
RMS 67.9
signal [adc counts]

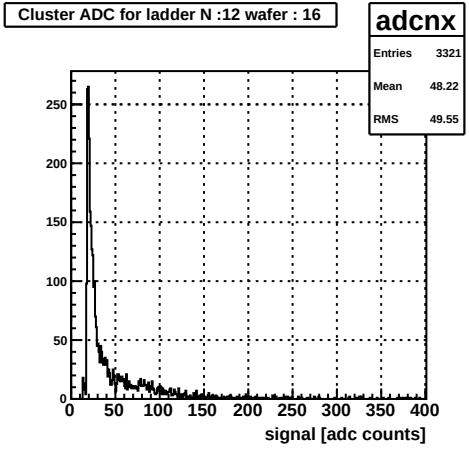

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3869
Mean 34.81
RMS 45.18
signal [adc counts]

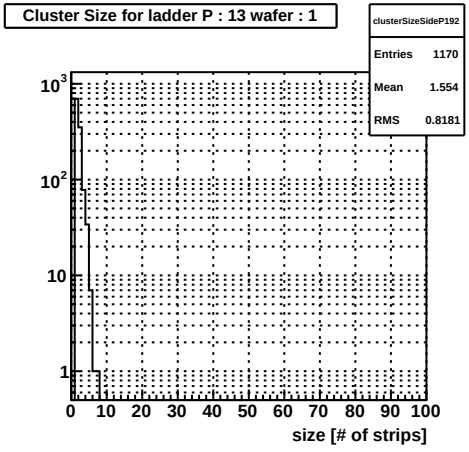

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 34179
Mean 1.061
RMS 0.2597
size [# of strips]

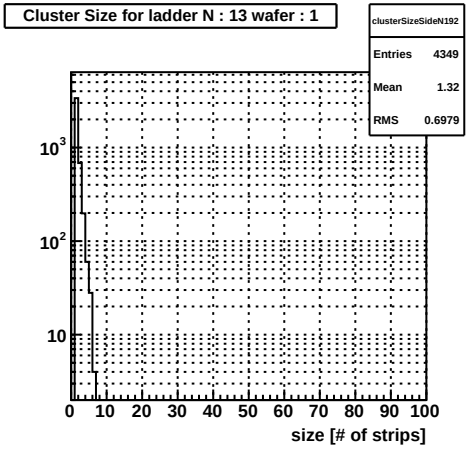

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3321
Mean 1.416
RMS 0.8078
size [# of strips]

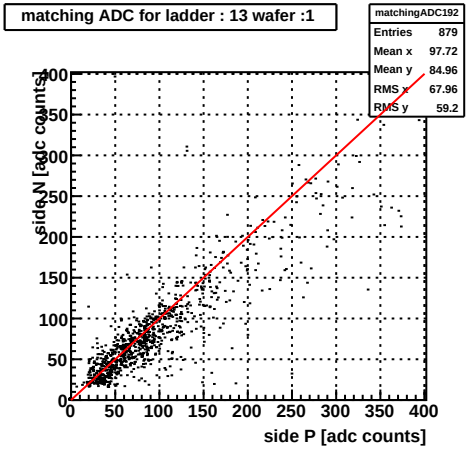

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 407
Mean x 43.13
Mean y 50.87
RMS x 45.67
RMS y 51.6
side N [adc counts]
side P [adc counts]

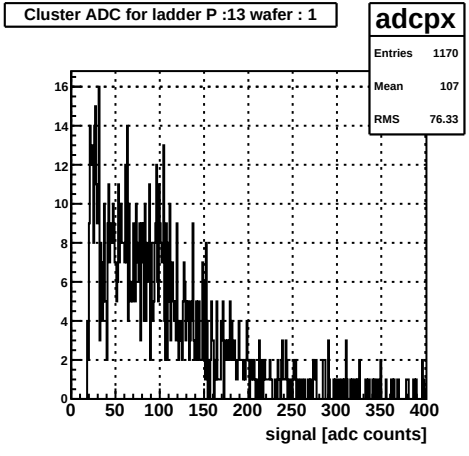

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 34179
Mean 25.13
RMS 11.54
signal [adc counts]

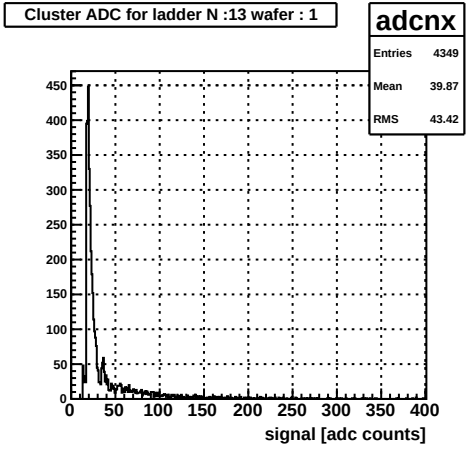

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3321
Mean 48.22
RMS 49.55
signal [adc counts]

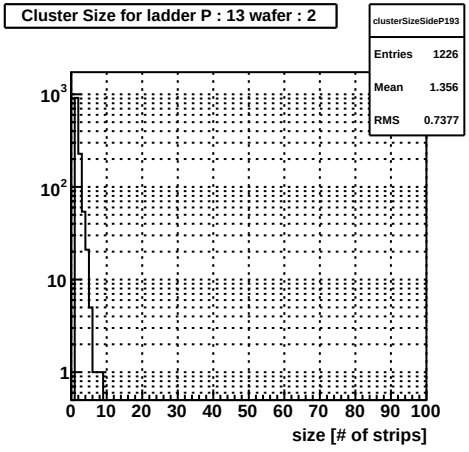

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1170
Mean 1.554
RMS 0.8181
size [# of strips]

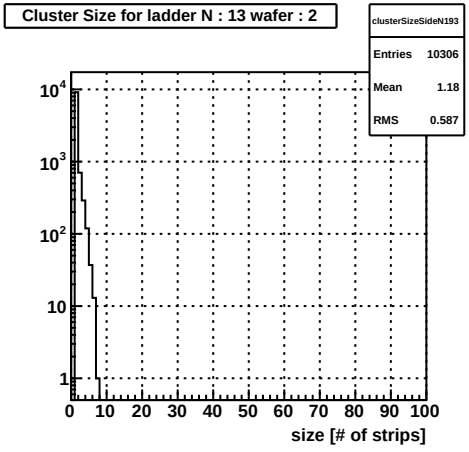

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 4349
Mean 1.32
RMS 0.6979
size [# of strips]

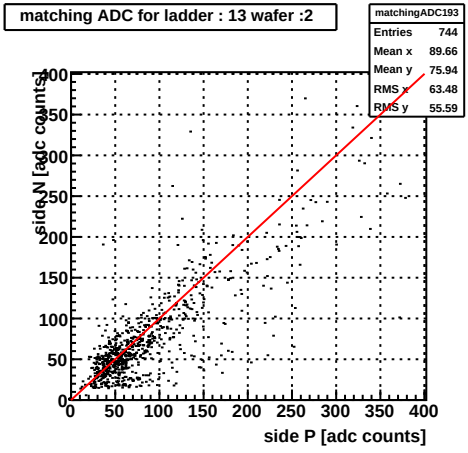

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 879
Mean x 97.72
Mean y 84.96
RMS x 67.96
RMS y 59.2
side N [adc counts]
side P [adc counts]

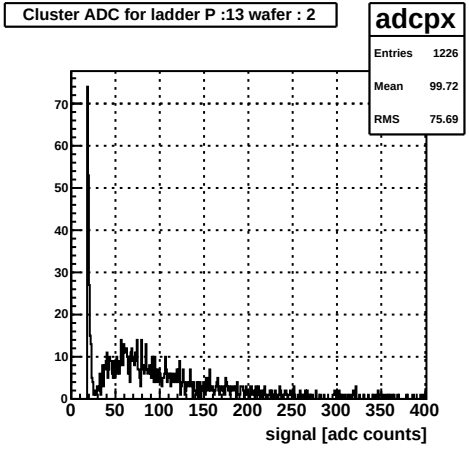

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1170
Mean 107
RMS 76.33
signal [adc counts]

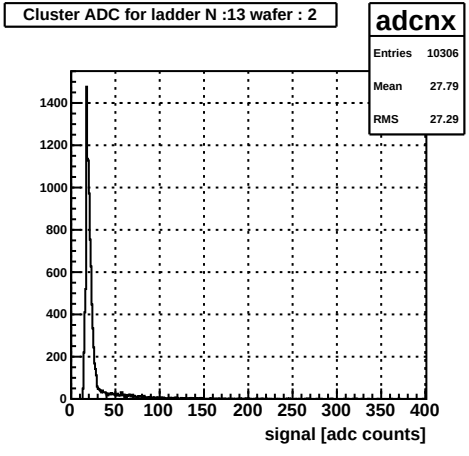

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 4349
Mean 39.87
RMS 43.42
signal [adc counts]

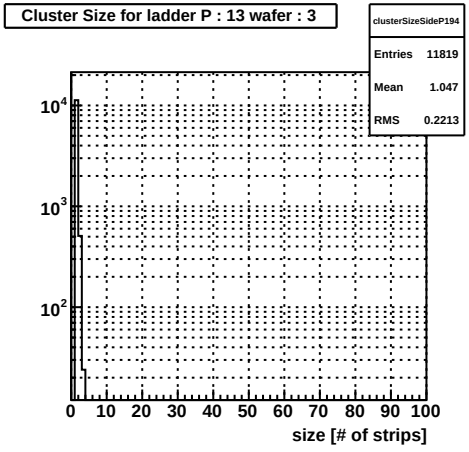

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1226
Mean 1.356
RMS 0.7377
size [# of strips]

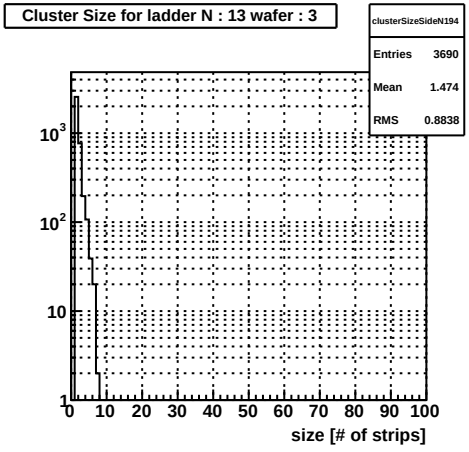

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 10306
Mean 1.18
RMS 0.587
size [# of strips]

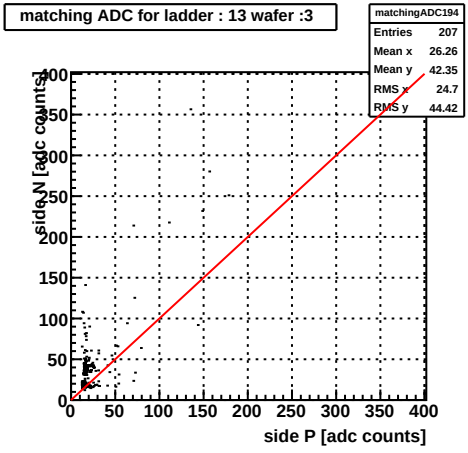

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 744
Mean x 89.66
Mean y 75.94
RMS x 63.48
RMS y 55.59
side N [adc counts]
side P [adc counts]

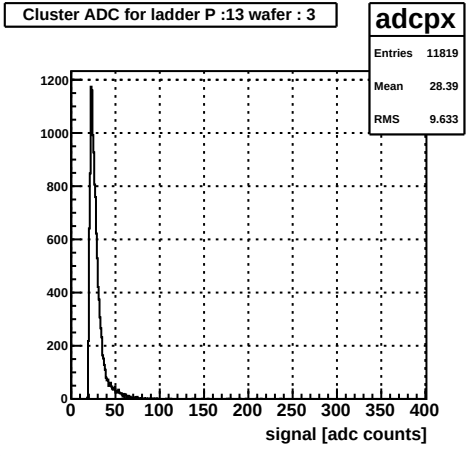

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1226
Mean 99.72
RMS 75.69
signal [adc counts]

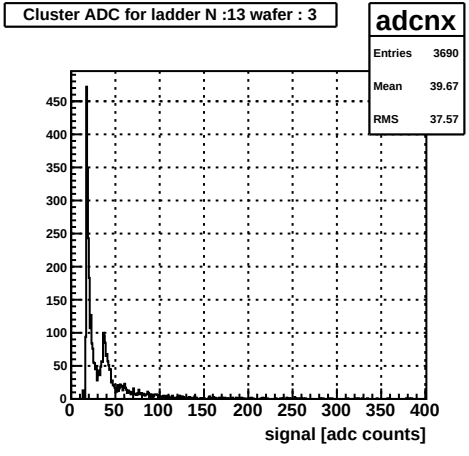

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 10306
Mean 27.79
RMS 27.29
signal [adc counts]

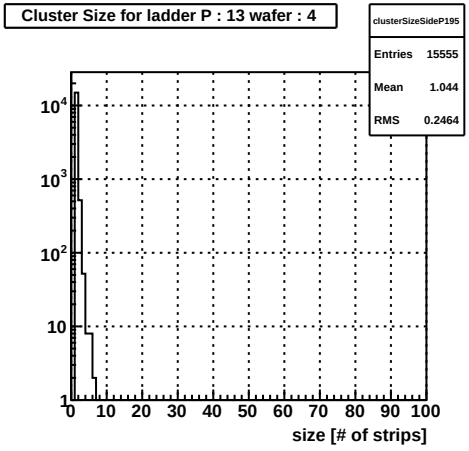

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 11819
Mean 1.047
RMS 0.2213
size [# of strips]

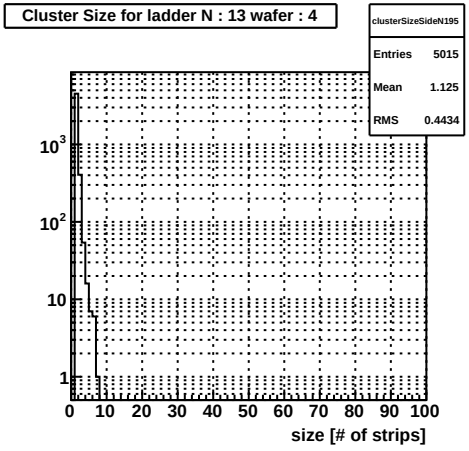

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 3690
Mean 1.474
RMS 0.8838
size [# of strips]

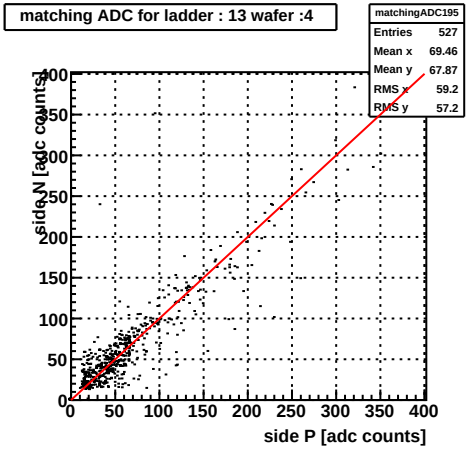

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 207
Mean x 26.26
Mean y 42.35
RMS x 24.7
RMS y 44.42
side N [adc counts]
side P [adc counts]

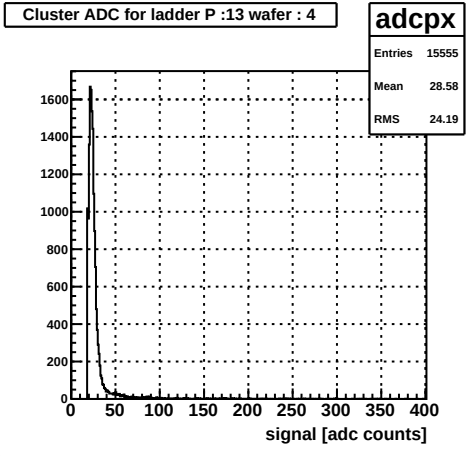

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 11819
Mean 28.39
RMS 9.633
signal [adc counts]

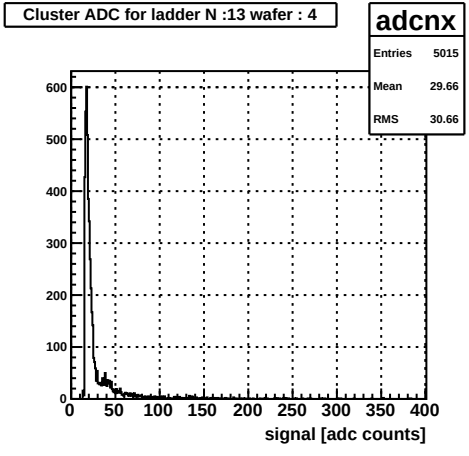

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 3690
Mean 39.67
RMS 37.57
signal [adc counts]

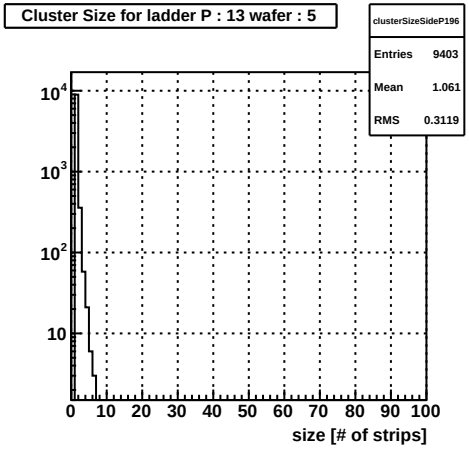

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 15555
Mean 1.044
RMS 0.2464
size [# of strips]

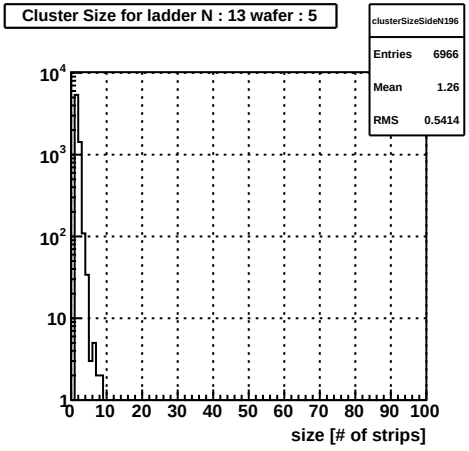

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 5015
Mean 1.125
RMS 0.4434
size [# of strips]

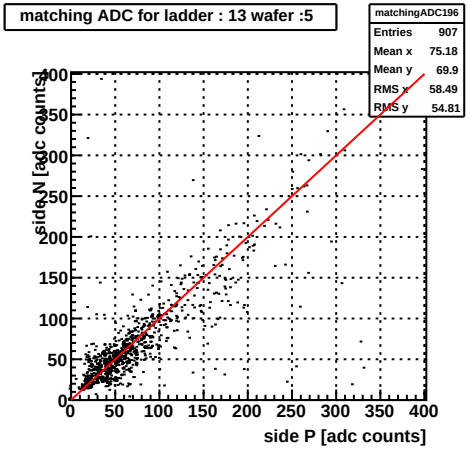

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 527
Mean x 69.46
Mean y 67.87
RMS x 59.2
RMS y 57.2
side N [adc counts]
side P [adc counts]

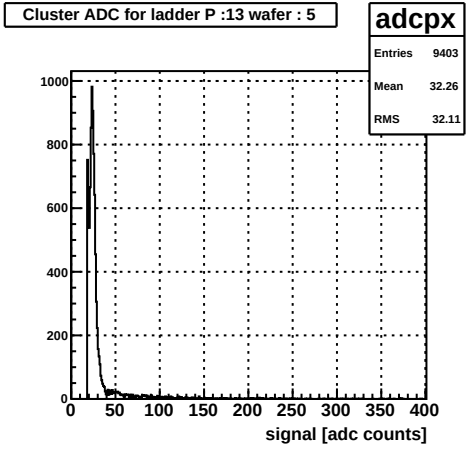

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 15555
Mean 28.58
RMS 24.19
signal [adc counts]

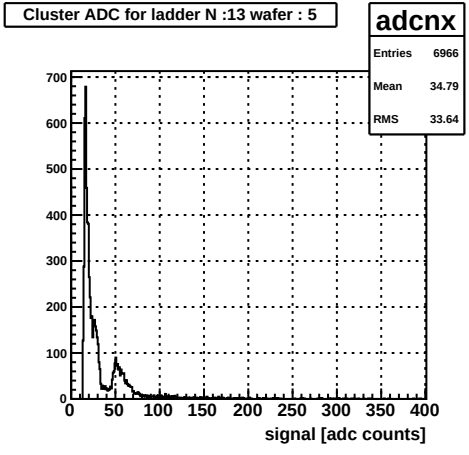

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 5015
Mean 29.66
RMS 30.66
signal [adc counts]

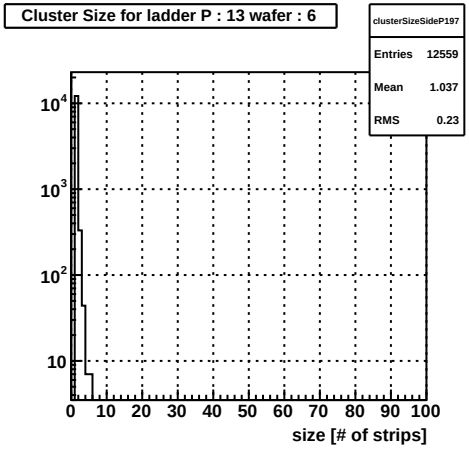

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 9403
Mean 1.061
RMS 0.3119
size [# of strips]

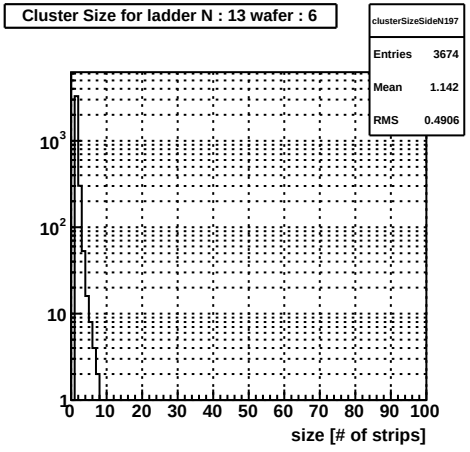

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6966
Mean 1.26
RMS 0.5414
size [# of strips]

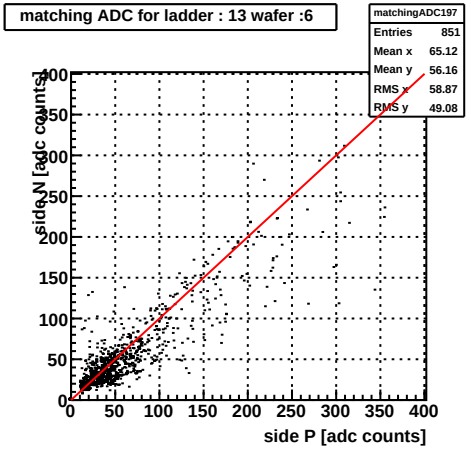

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 907
Mean x 75.18
Mean y 69.9
RMS x 58.49
RMS y 54.81
side N [adc counts]
side P [adc counts]

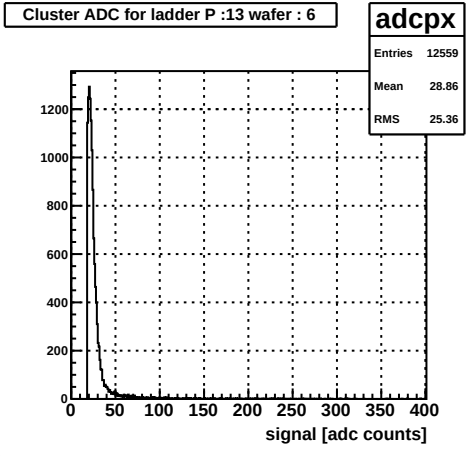

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 9403
Mean 32.26
RMS 32.11
signal [adc counts]

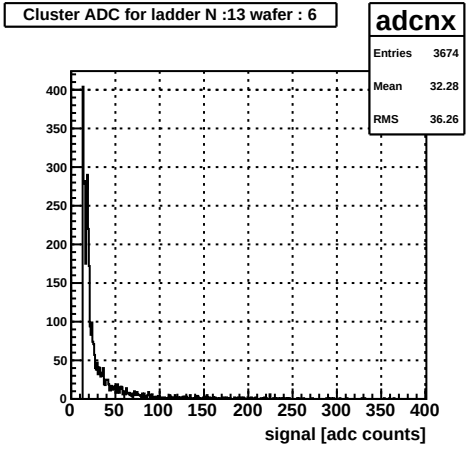

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6966
Mean 34.79
RMS 33.64
signal [adc counts]

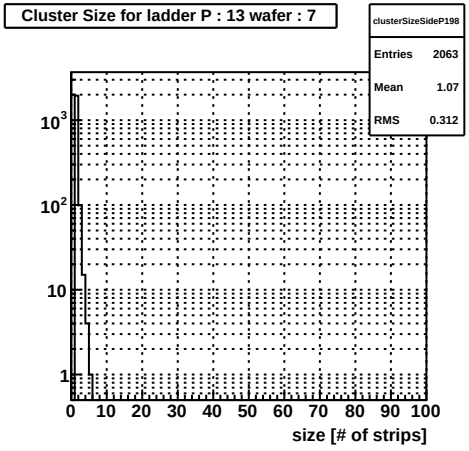

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 12559
Mean 1.037
RMS 0.23
size [# of strips]

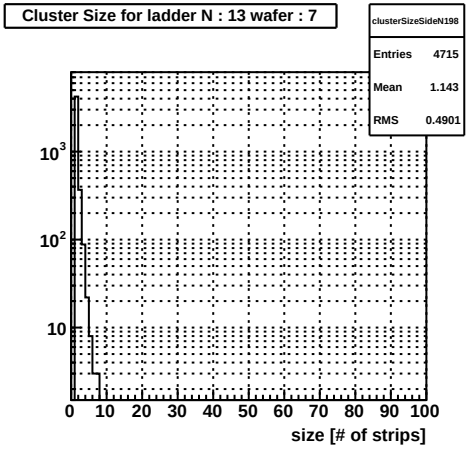

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 3674
Mean 1.142
RMS 0.4906
size [# of strips]

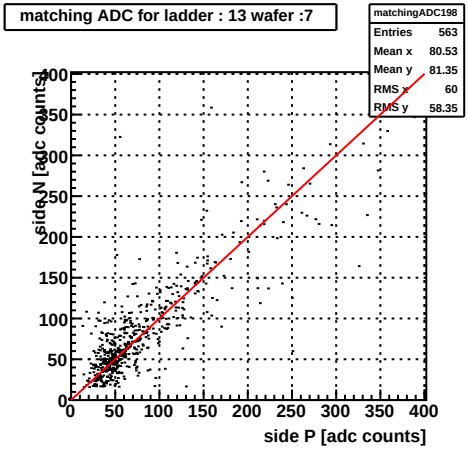

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 851
Mean x 65.12
Mean y 56.16
RMS x 58.87
RMS y 49.08
side N [adc counts]
side P [adc counts]

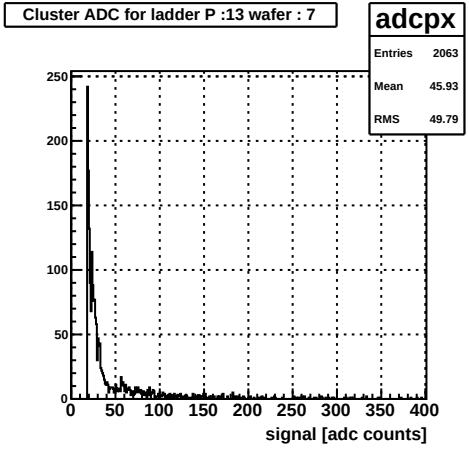

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 12559
Mean 28.86
RMS 25.36
signal [adc counts]

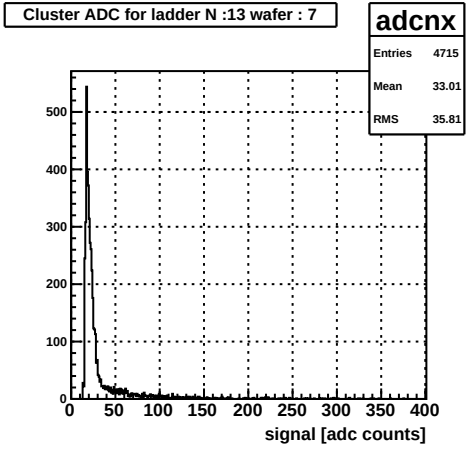

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 3674
Mean 32.28
RMS 36.26
signal [adc counts]

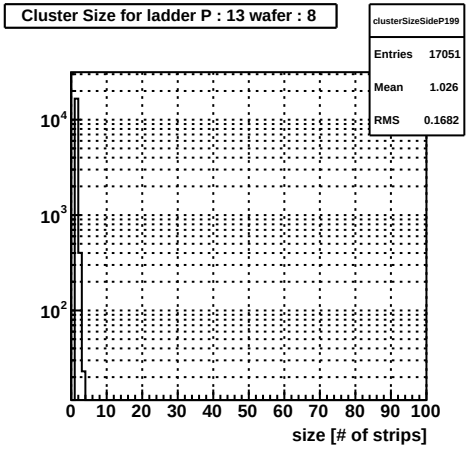

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2063
Mean 1.07
RMS 0.312
size [# of strips]

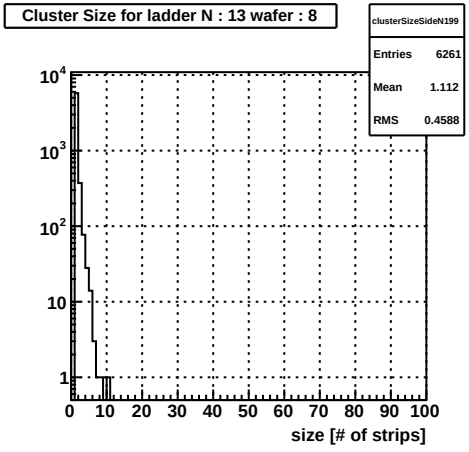

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4715
Mean 1.143
RMS 0.4901
size [# of strips]

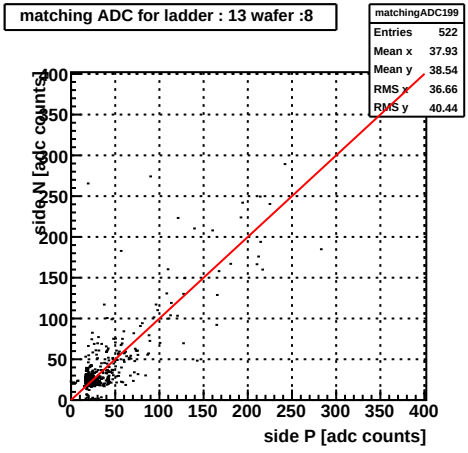

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 563
Mean x 80.53
Mean y 81.35
RMS x 60
RMS y 58.35
side N [adc counts]
side P [adc counts]

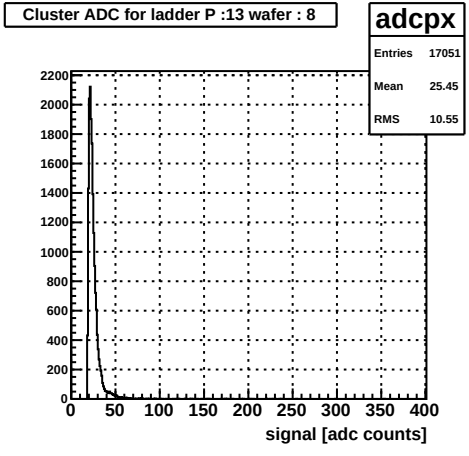

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2063
Mean 45.93
RMS 49.79
signal [adc counts]

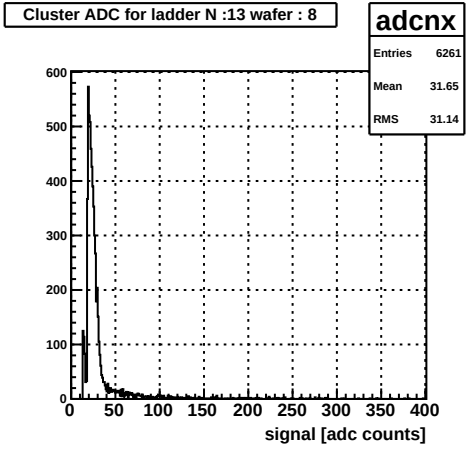

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4715
Mean 33.01
RMS 35.81
signal [adc counts]

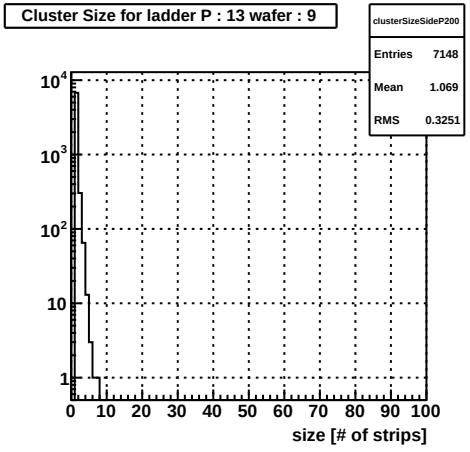

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 17051
Mean 1.026
RMS 0.1682
size [# of strips]

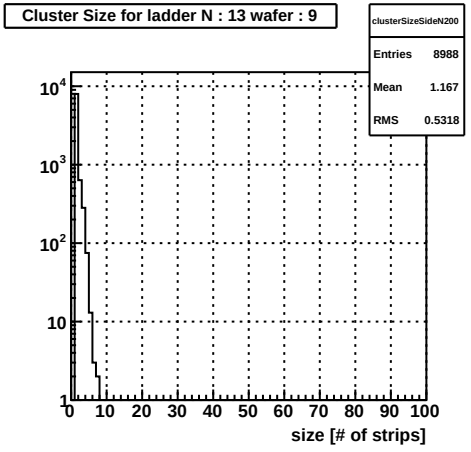

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 6261
Mean 1.112
RMS 0.4588
size [# of strips]

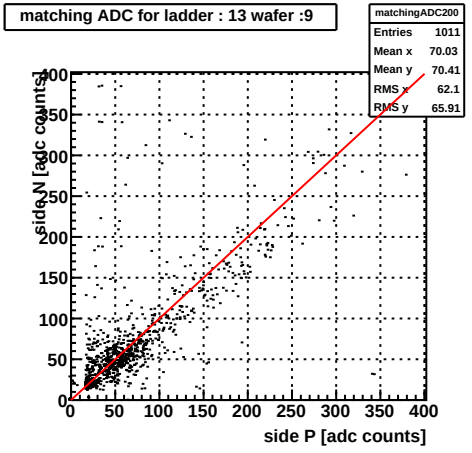

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 522
Mean x 37.93
Mean y 38.54
RMS x 36.66
RMS y 40.44
side N [adc counts]
side P [adc counts]

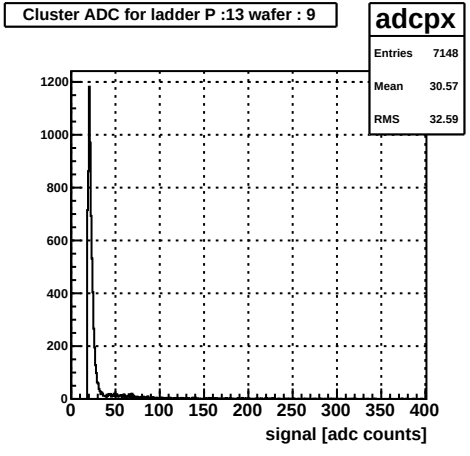

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 17051
Mean 25.45
RMS 10.55
signal [adc counts]

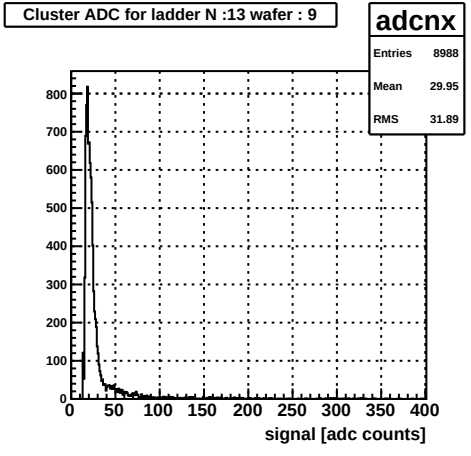

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 6261
Mean 31.65
RMS 31.14
signal [adc counts]

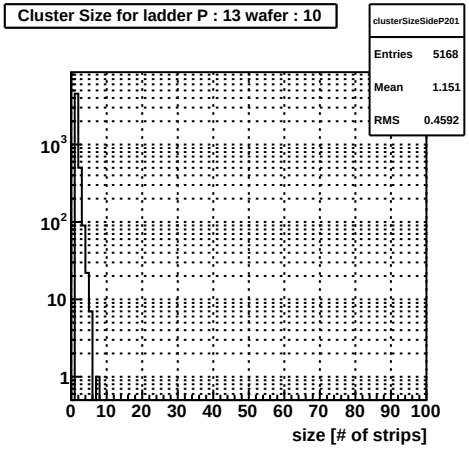

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 7148
Mean 1.069
RMS 0.3251
size [# of strips]

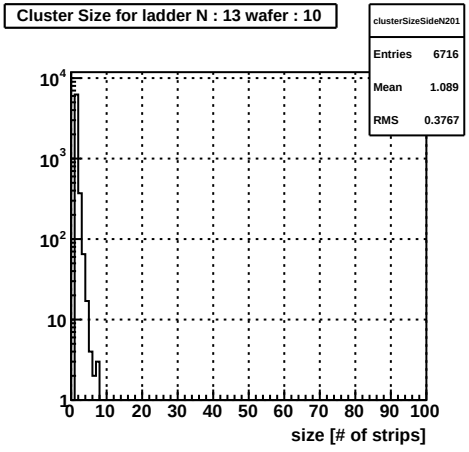

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 8988
Mean 1.167
RMS 0.5318
size [# of strips]

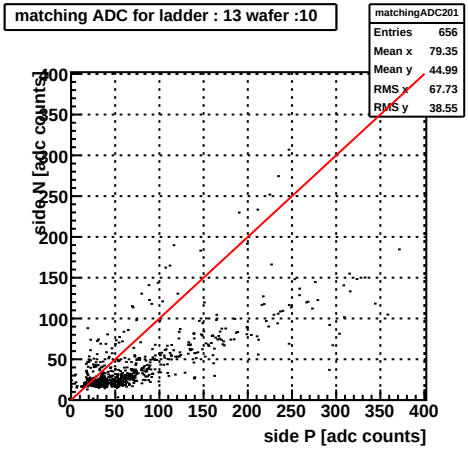

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1011
Mean x 70.03
Mean y 70.41
RMS x 62.1
RMS y 65.91
side N [adc counts]
side P [adc counts]

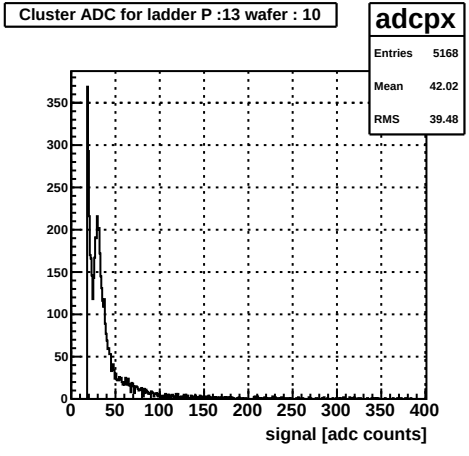

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 7148
Mean 30.57
RMS 32.59
signal [adc counts]

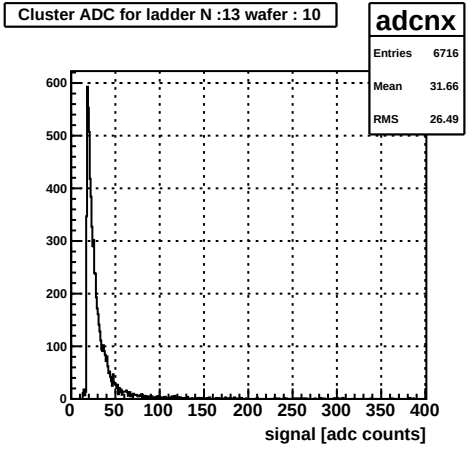

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 8988
Mean 29.95
RMS 31.89
signal [adc counts]

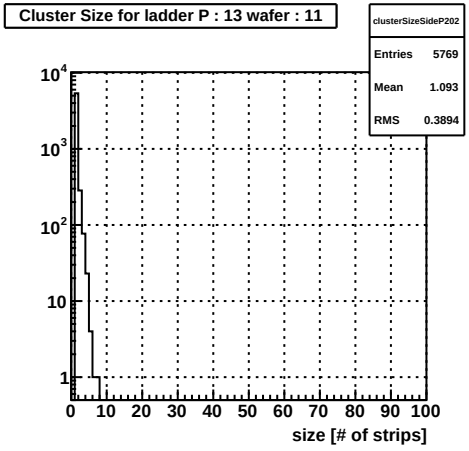

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 5168
Mean 1.151
RMS 0.4592
size [# of strips]

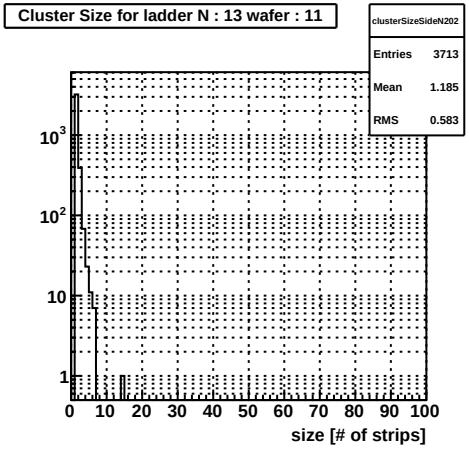

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 6716
Mean 1.089
RMS 0.3767
size [# of strips]

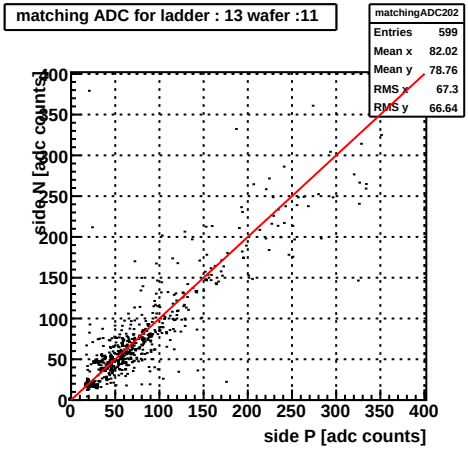

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 656
Mean x 79.35
Mean y 44.99
RMS x 67.73
RMS y 38.55
side N [adc counts]
side P [adc counts]

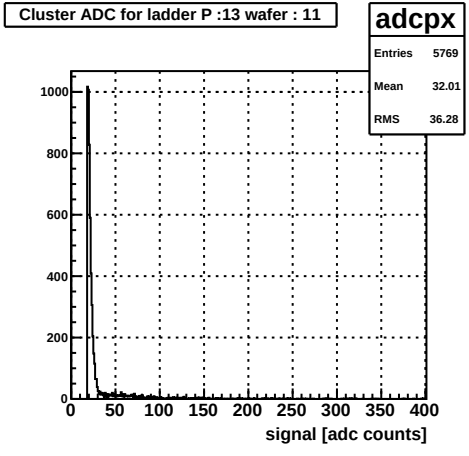

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 5168
Mean 42.02
RMS 39.48
signal [adc counts]

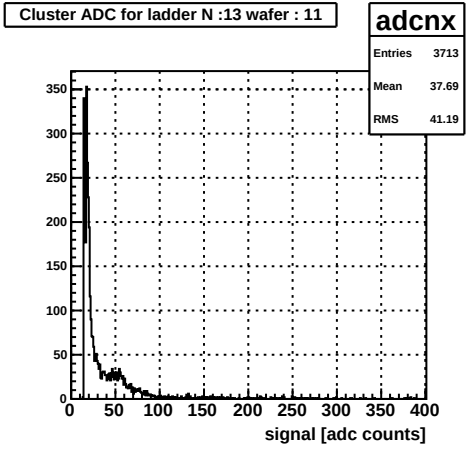

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 6716
Mean 31.66
RMS 26.49
signal [adc counts]

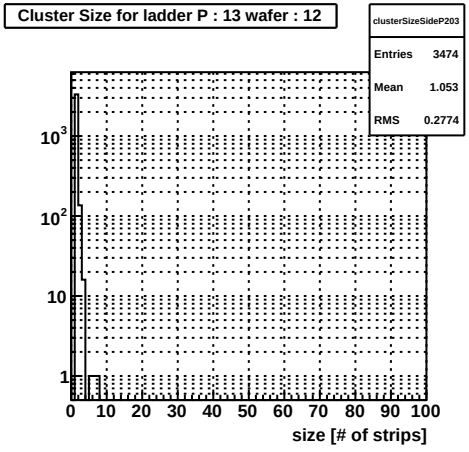

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 5769
Mean 1.093
RMS 0.3894
size [# of strips]

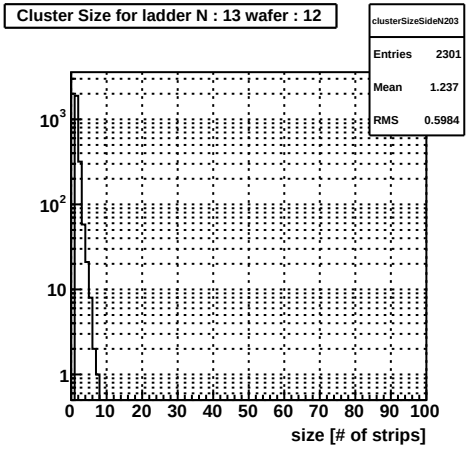

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3713
Mean 1.185
RMS 0.583
size [# of strips]

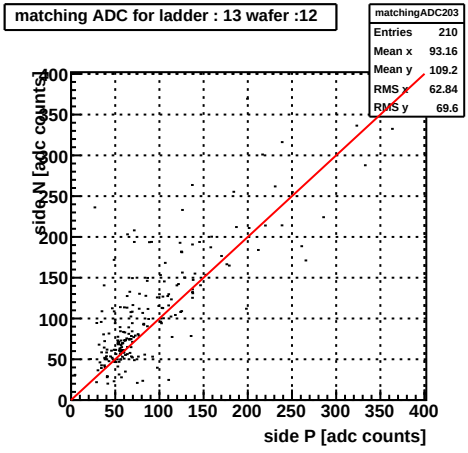

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 599
Mean x 82.02
Mean y 78.76
RMS x 67.3
RMS y 66.64
side N [adc counts]
side P [adc counts]

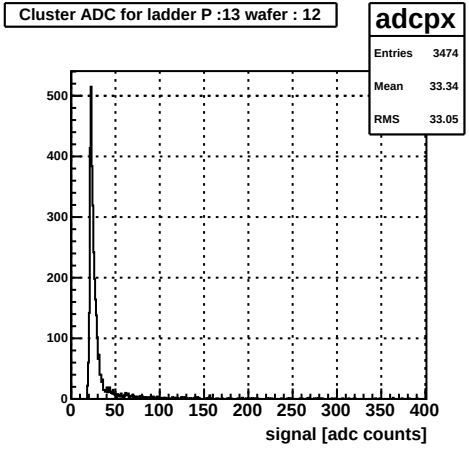

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 5769
Mean 32.01
RMS 36.28
signal [adc counts]

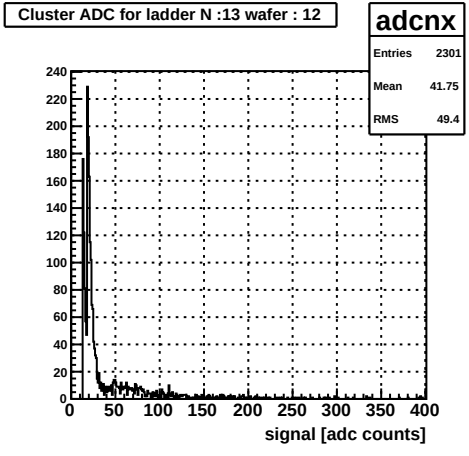

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3713
Mean 37.69
RMS 41.19
signal [adc counts]

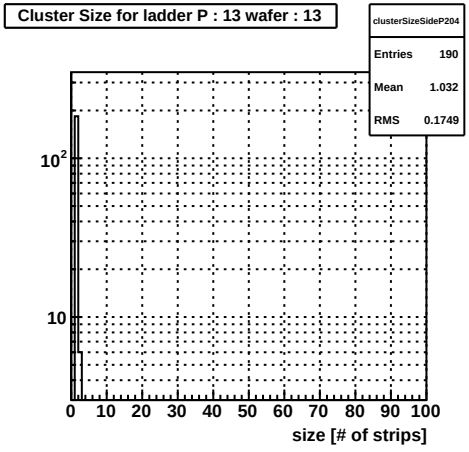

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 3474
Mean 1.053
RMS 0.2774
size [# of strips]

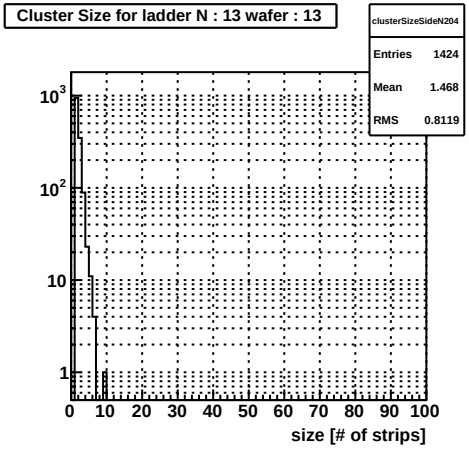

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2301
Mean 1.237
RMS 0.5984
size [# of strips]

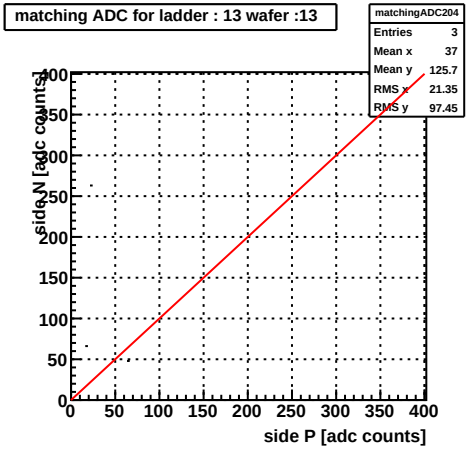

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 210
Mean x 93.16
Mean y 109.2
RMS x 62.84
RMS y 69.6
side N [adc counts]
side P [adc counts]

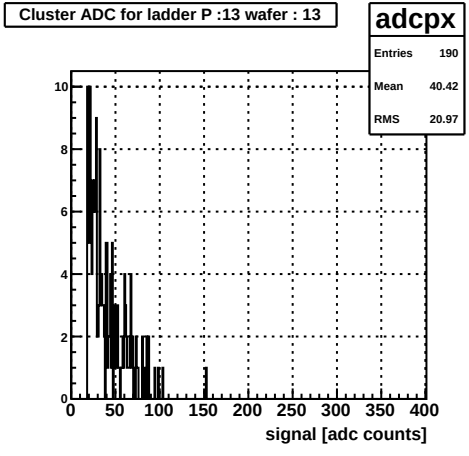

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 3474
Mean 33.34
RMS 33.05
signal [adc counts]

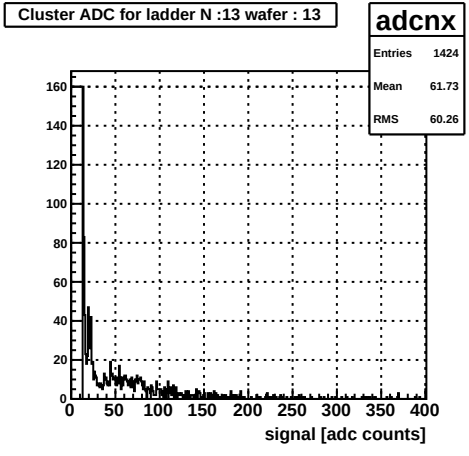

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2301
Mean 41.75
RMS 49.4
signal [adc counts]

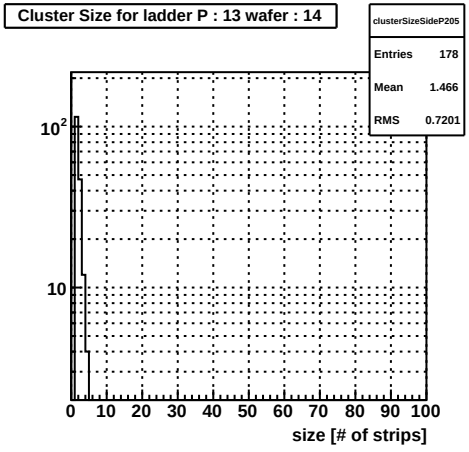

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 190
Mean 1.032
RMS 0.1749
size [# of strips]

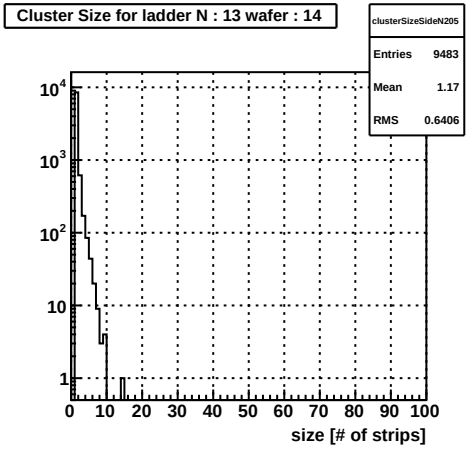

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1424
Mean 1.468
RMS 0.8119
size [# of strips]

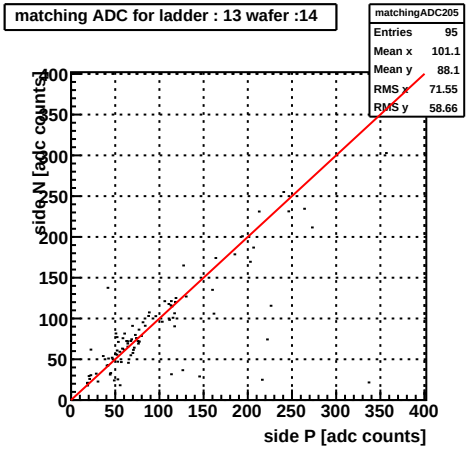

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 3
Mean x 37
Mean y 125.7
RMS x 21.35
RMS y 97.45
side N [adc counts]
side P [adc counts]

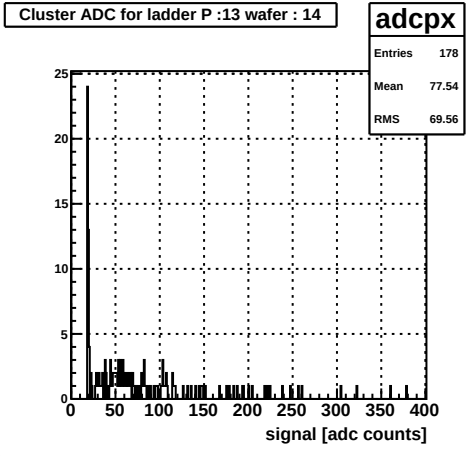

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 190
Mean 40.42
RMS 20.97
signal [adc counts]

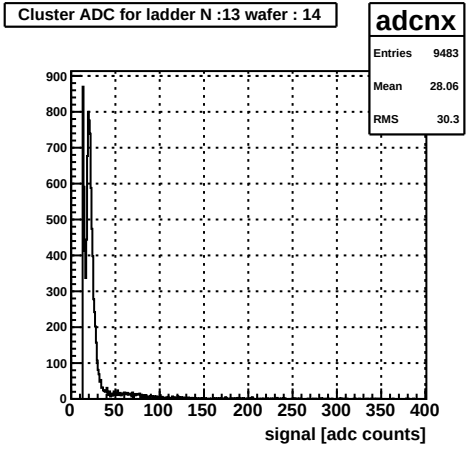

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1424
Mean 61.73
RMS 60.26
signal [adc counts]

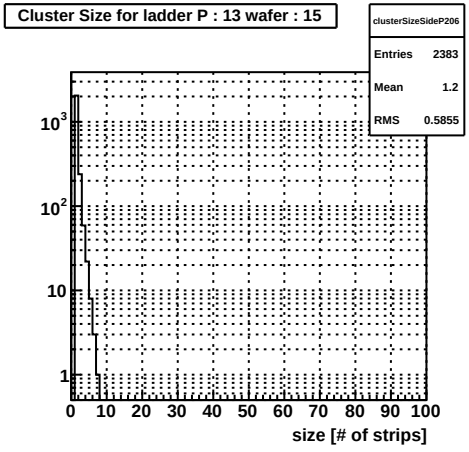

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 178
Mean 1.466
RMS 0.7201
size [# of strips]

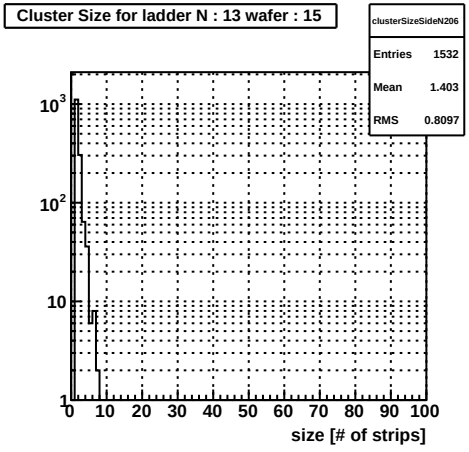

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 9483
Mean 1.17
RMS 0.6406
size [# of strips]

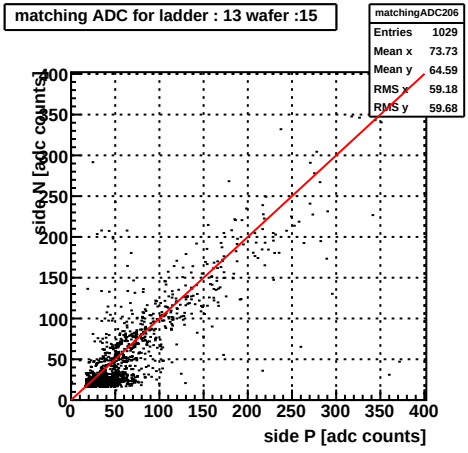

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 95
Mean x 101.1
Mean y 88.1
RMS x 71.55
RMS y 58.66
side N [adc counts]
side P [adc counts]

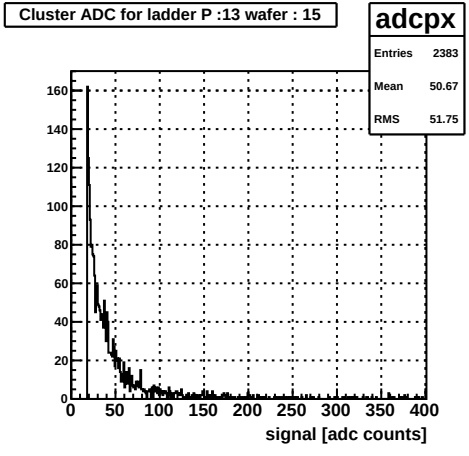

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 178
Mean 77.54
RMS 69.56
signal [adc counts]

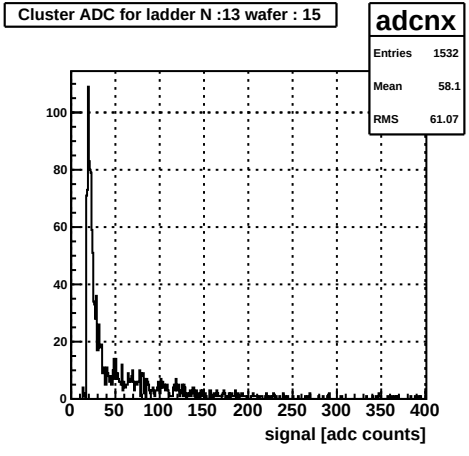

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 9483
Mean 28.06
RMS 30.3
signal [adc counts]

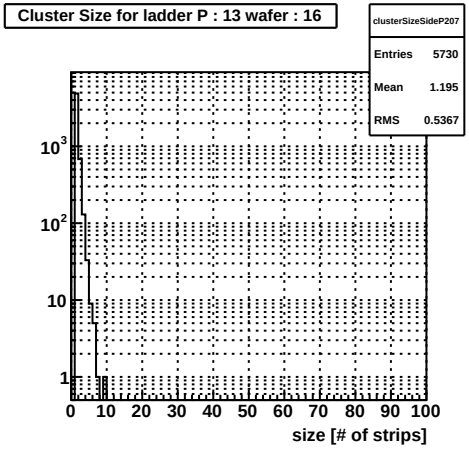

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2383
Mean 1.2
RMS 0.5855
size [# of strips]

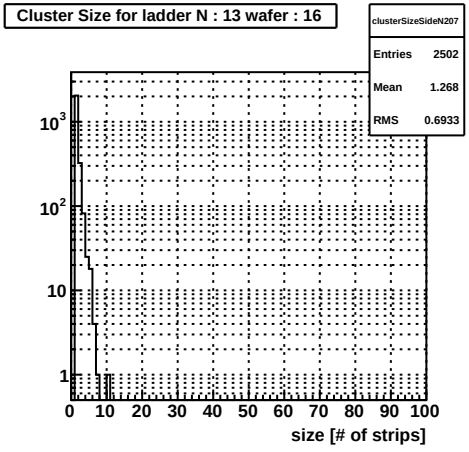

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1532
Mean 1.403
RMS 0.8097
size [# of strips]

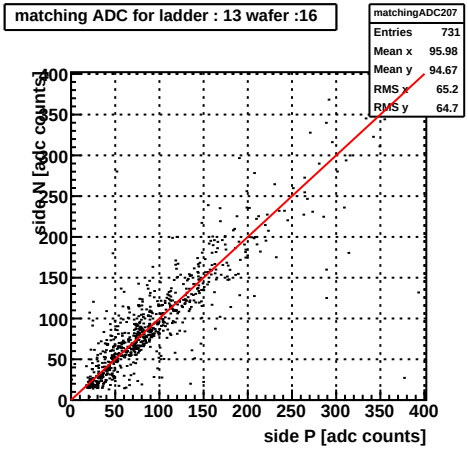

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1029
Mean x 73.73
Mean y 64.59
RMS x 59.18
RMS y 59.68
side N [adc counts]
side P [adc counts]

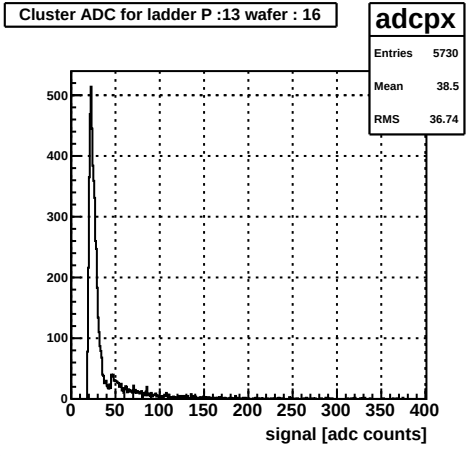

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2383
Mean 50.67
RMS 51.75
signal [adc counts]

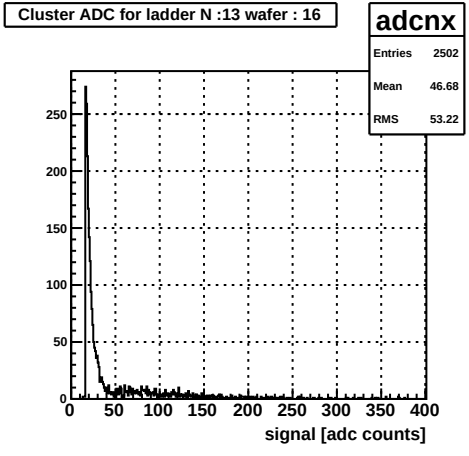

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1532
Mean 58.1
RMS 61.07
signal [adc counts]

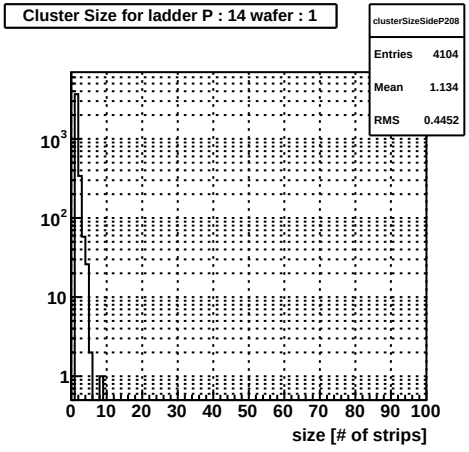

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 5730
Mean 1.195
RMS 0.5367
size [# of strips]

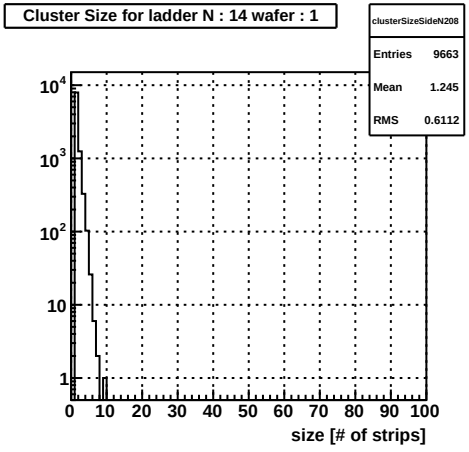

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2502
Mean 1.268
RMS 0.6933
size [# of strips]

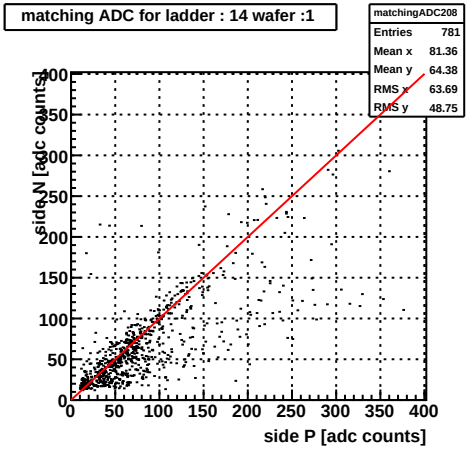

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 731
Mean x 95.98
Mean y 94.67
RMS x 65.2
RMS y 64.7
side N [adc counts]
side P [adc counts]

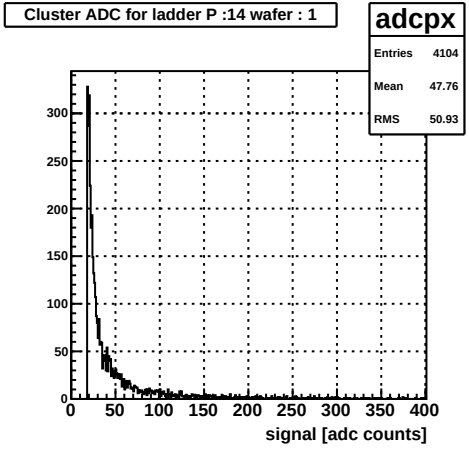

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 5730
Mean 38.5
RMS 36.74
signal [adc counts]

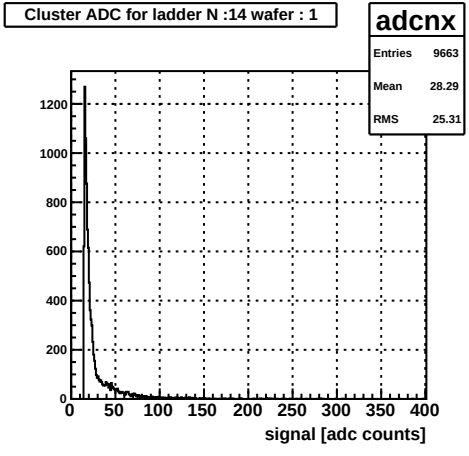

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2502
Mean 46.68
RMS 53.22
signal [adc counts]

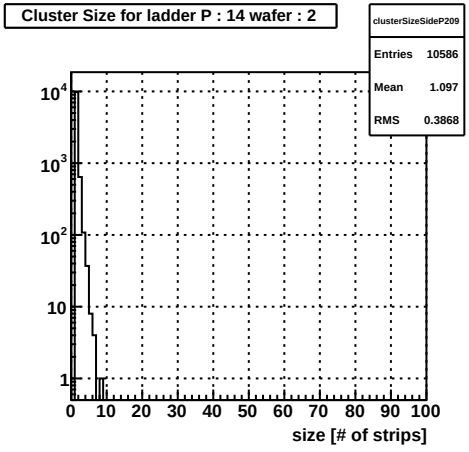

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4104
Mean 1.134
RMS 0.4452
size [# of strips]

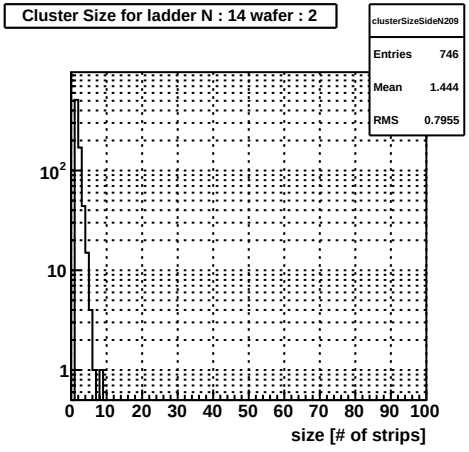

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 9663
Mean 1.245
RMS 0.6112
size [# of strips]

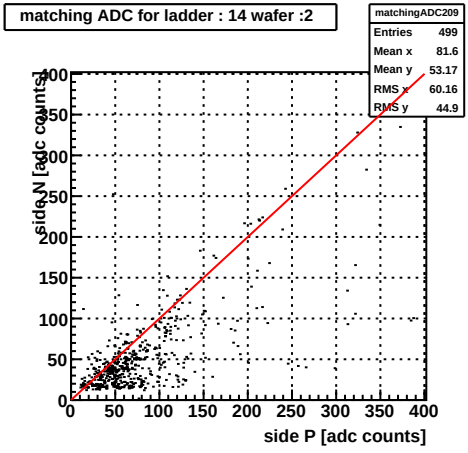

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 781
Mean x 81.36
Mean y 64.38
RMS x 63.69
RMS y 48.75
side N [adc counts]
side P [adc counts]

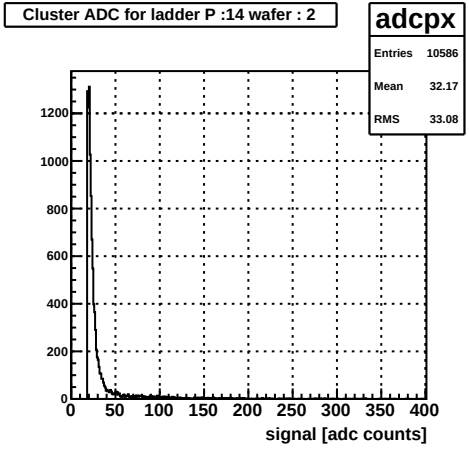

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4104
Mean 47.76
RMS 50.93
signal [adc counts]

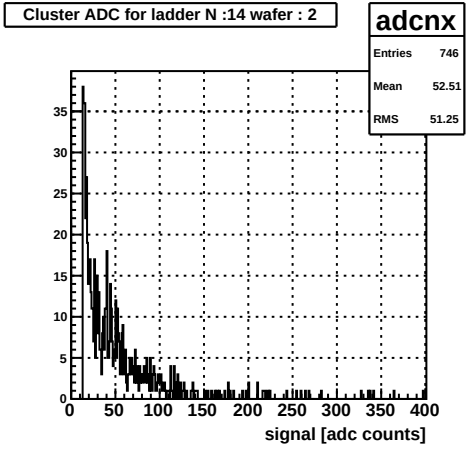

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 9663
Mean 28.29
RMS 25.31
signal [adc counts]

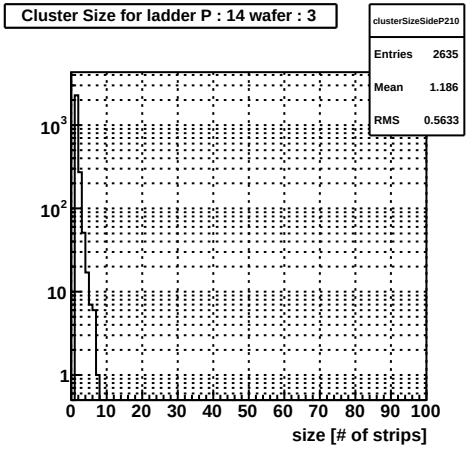

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 10586
Mean 1.097
RMS 0.3868
size [# of strips]

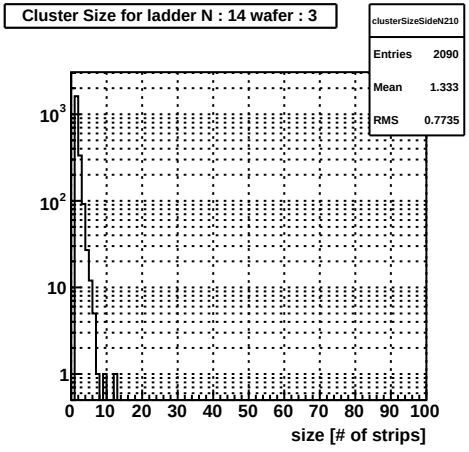

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 746
Mean 1.444
RMS 0.7955
size [# of strips]

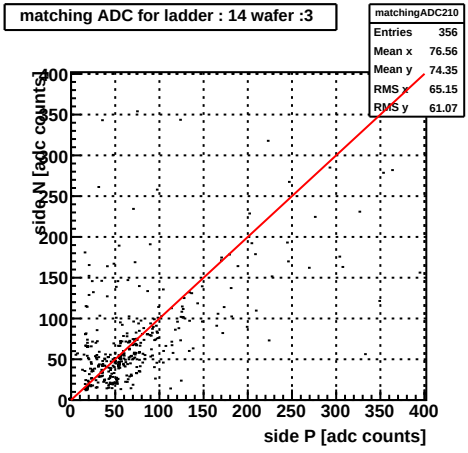

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 499
Mean x 81.6
Mean y 53.17
RMS x 60.16
RMS y 44.9
side N [adc counts]
side P [adc counts]

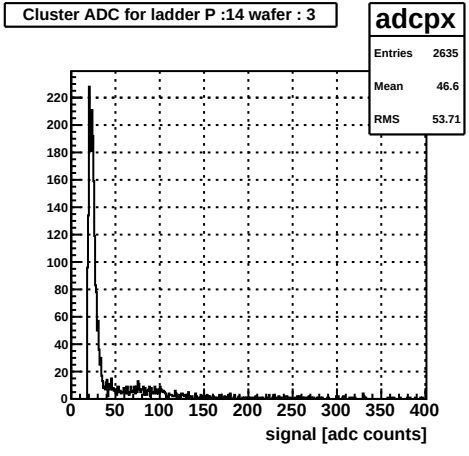

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 10586
Mean 32.17
RMS 33.08
signal [adc counts]

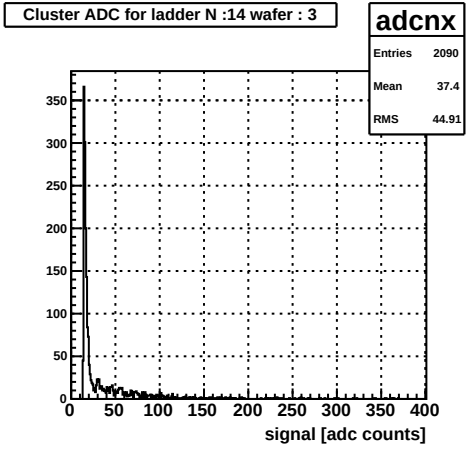

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 746
Mean 52.51
RMS 51.25
signal [adc counts]

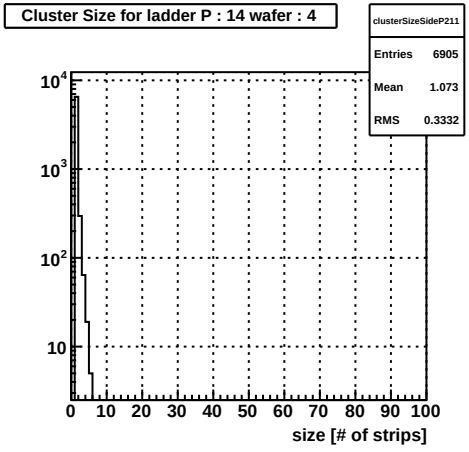

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2635
Mean 1.186
RMS 0.5633
size [# of strips]

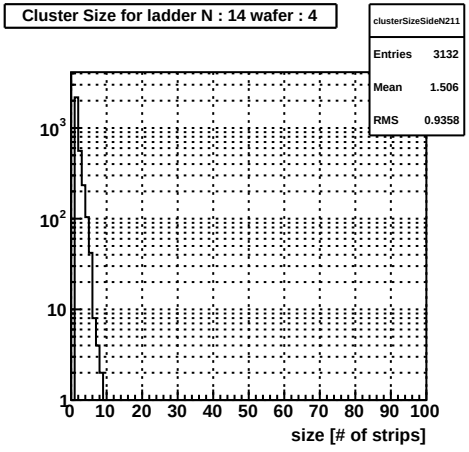

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2090
Mean 1.333
RMS 0.7735
size [# of strips]

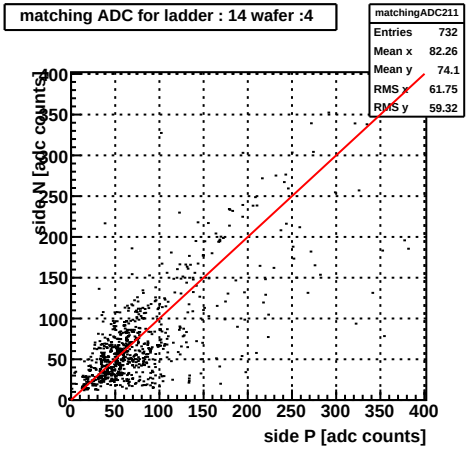

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 356
Mean x 76.56
Mean y 74.35
RMS x 65.15
RMS y 61.07
side N [adc counts]
side P [adc counts]

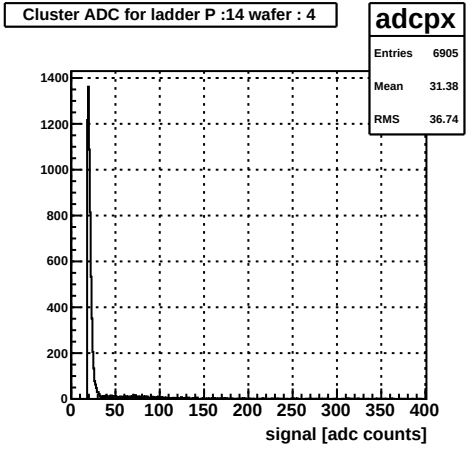

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2635
Mean 46.6
RMS 53.71
signal [adc counts]

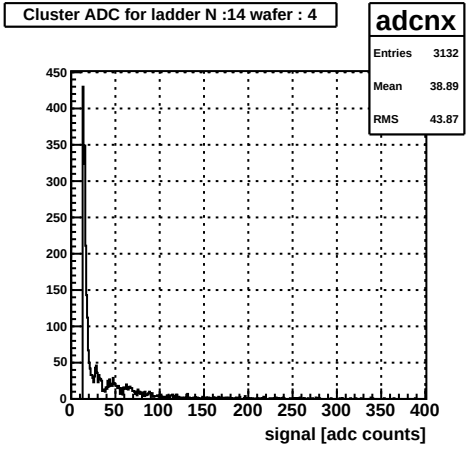

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2090
Mean 37.4
RMS 44.91
signal [adc counts]

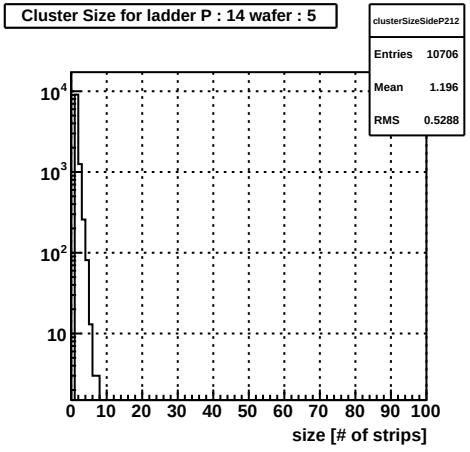

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 6905
Mean 1.073
RMS 0.3332
size [# of strips]

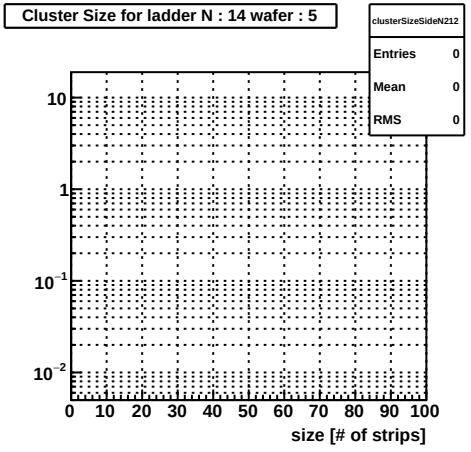

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 3132
Mean 1.506
RMS 0.9358
size [# of strips]

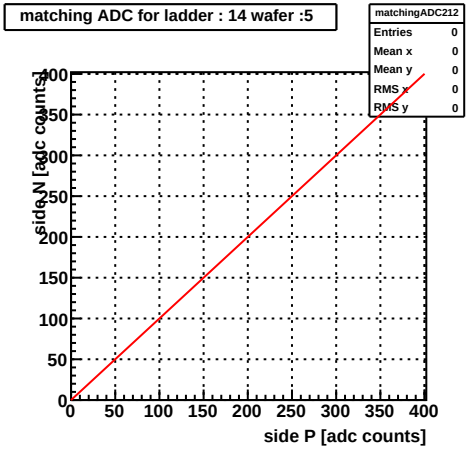

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 732
Mean x 82.26
Mean y 74.1
RMS x 61.75
RMS y 59.32
side N [adc counts]
side P [adc counts]

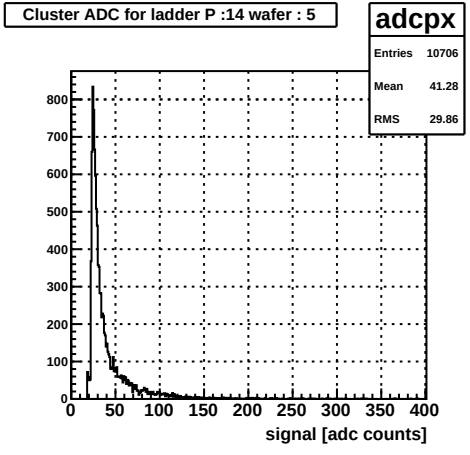

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 6905
Mean 31.38
RMS 36.74
signal [adc counts]

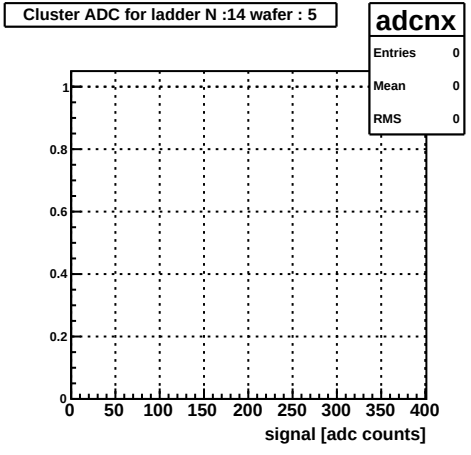

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 3132
Mean 38.89
RMS 43.87
signal [adc counts]

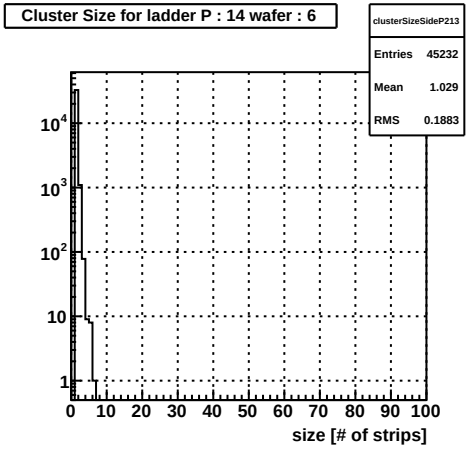

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 10706
Mean 1.196
RMS 0.5288
size [# of strips]

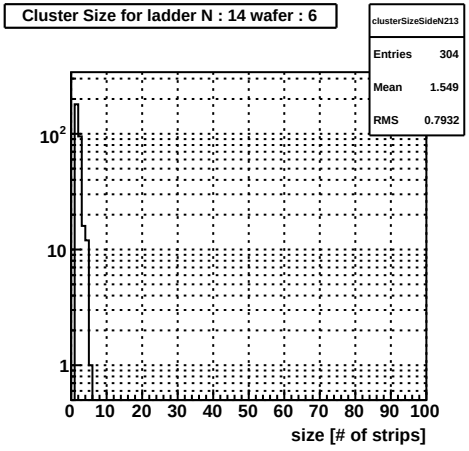

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

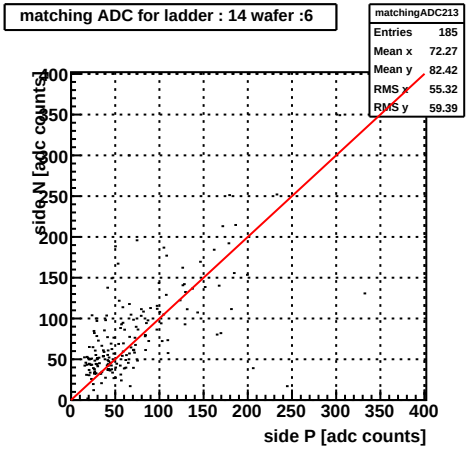

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

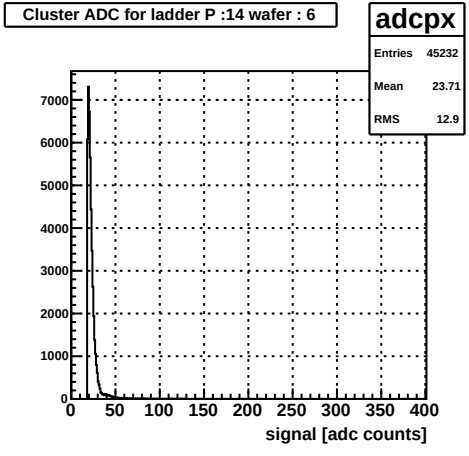

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 10706
Mean 41.28
RMS 29.86
signal [adc counts]

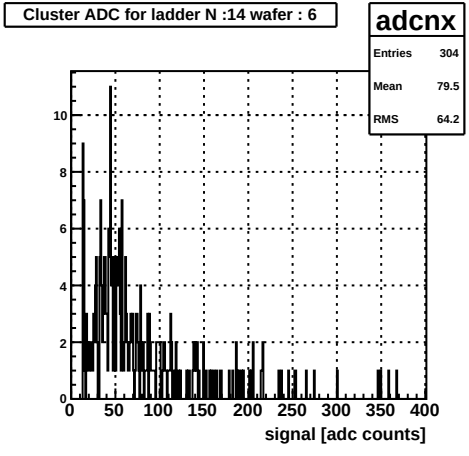

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

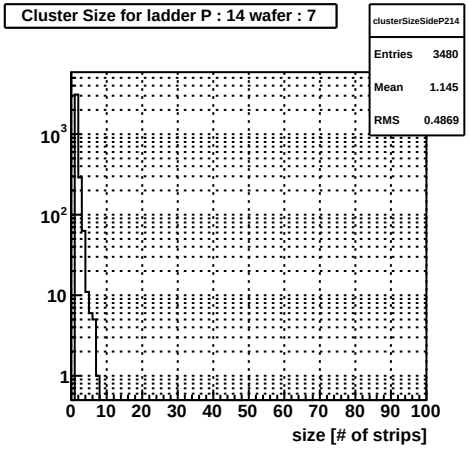

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 45232
Mean 1.029
RMS 0.1883
size [# of strips]

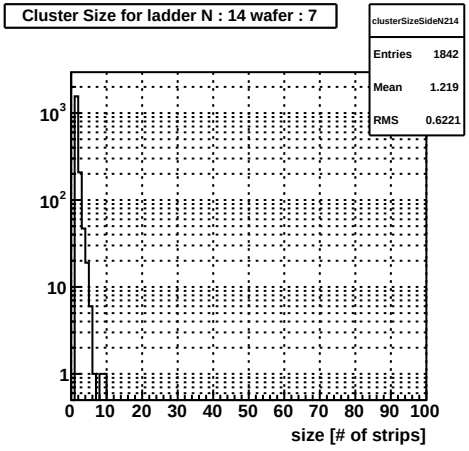

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 304
Mean 1.549
RMS 0.7932
size [# of strips]

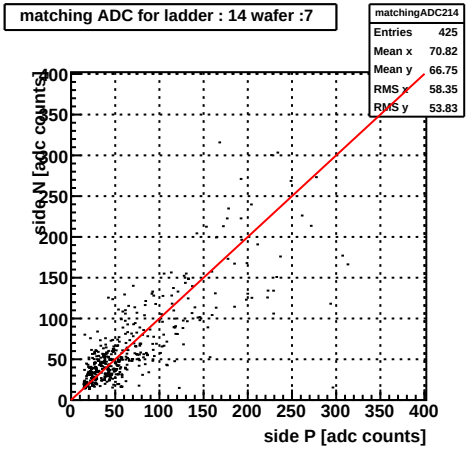

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 185
Mean x 72.27
Mean y 82.42
RMS x 55.32
RMS y 59.39
side N [adc counts]
side P [adc counts]

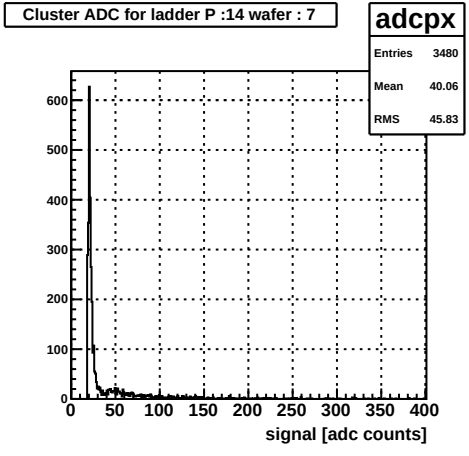

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 45232
Mean 23.71
RMS 12.9
signal [adc counts]

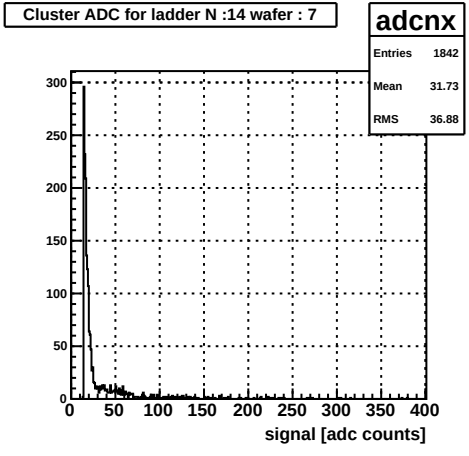

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 304
Mean 79.5
RMS 64.2
signal [adc counts]

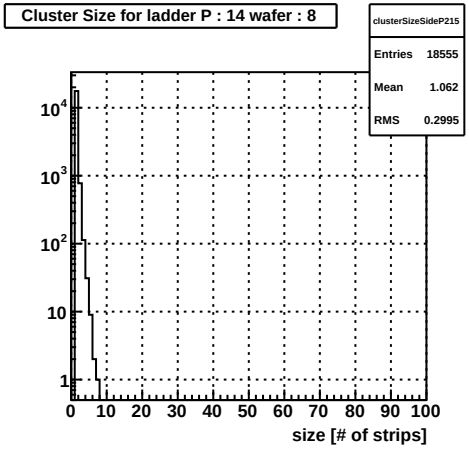

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 3480
Mean 1.145
RMS 0.4869
size [# of strips]

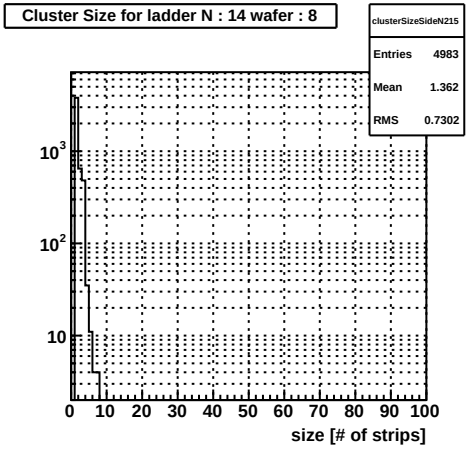

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1842
Mean 1.219
RMS 0.6221
size [# of strips]

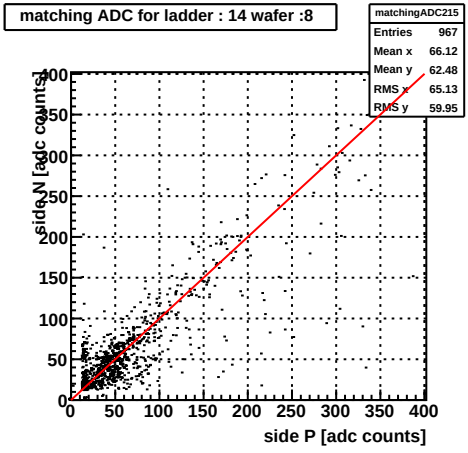

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 425
Mean x 70.82
Mean y 66.75
RMS x 58.35
RMS y 53.83
side N [adc counts]
side P [adc counts]

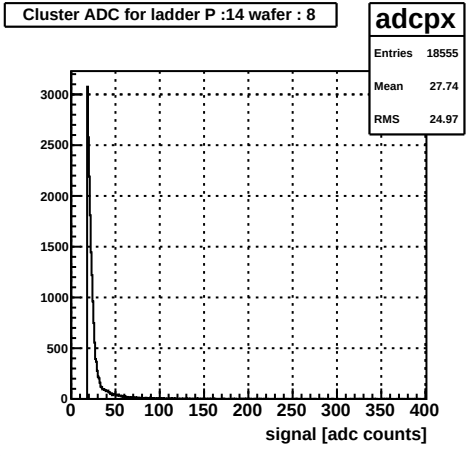

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 3480
Mean 40.06
RMS 45.83
signal [adc counts]

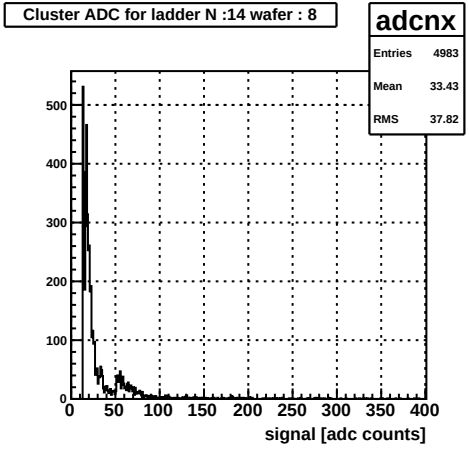

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1842
Mean 31.73
RMS 36.88
signal [adc counts]

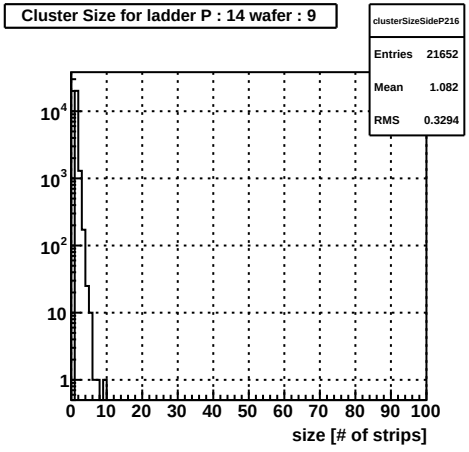

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 18555
Mean 1.062
RMS 0.2995
size [# of strips]

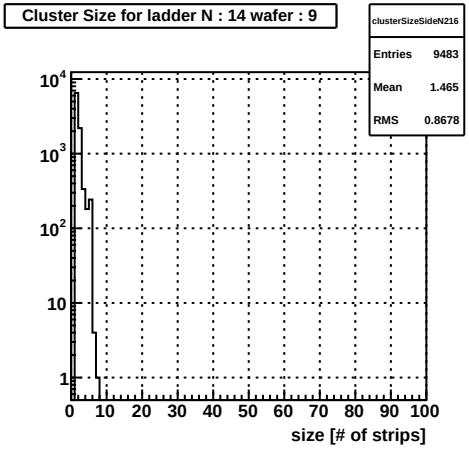

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 4983
Mean 1.362
RMS 0.7302
size [# of strips]

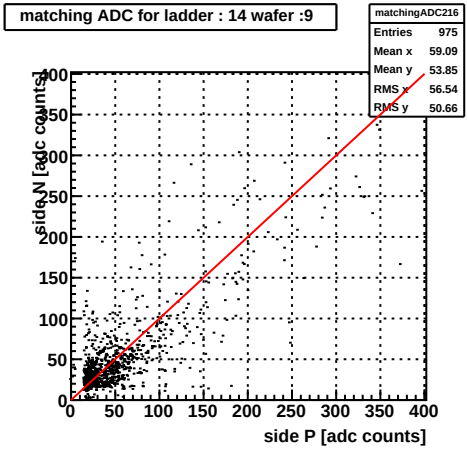

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 967
Mean x 66.12
Mean y 62.48
RMS x 65.13
RMS y 59.95
side N [adc counts]
side P [adc counts]

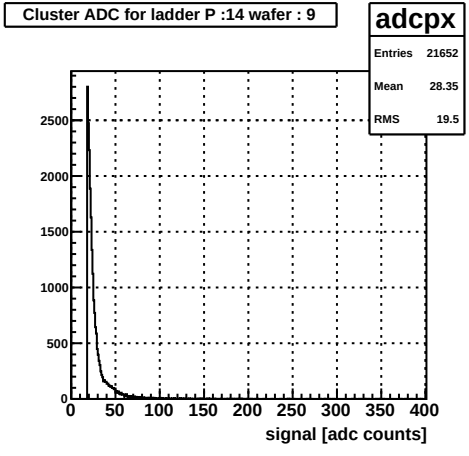

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 18555
Mean 27.74
RMS 24.97
signal [adc counts]

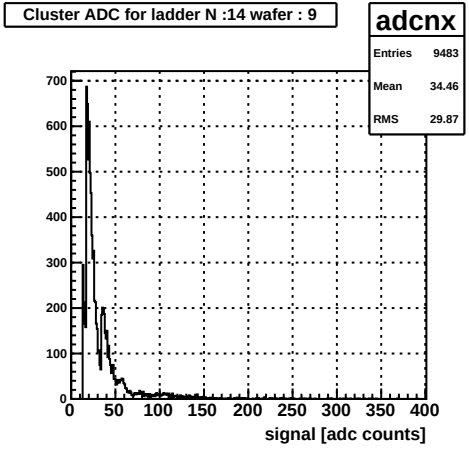

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 4983
Mean 33.43
RMS 37.82
signal [adc counts]

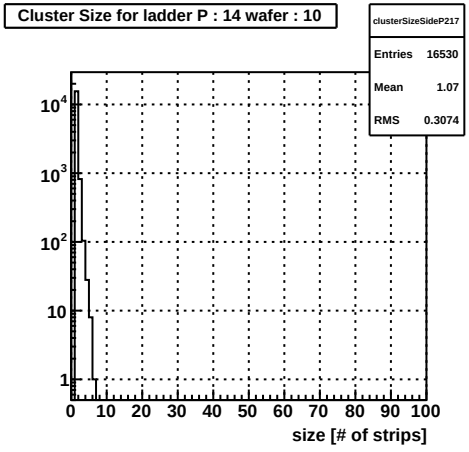

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 21652
Mean 1.082
RMS 0.3294
size [# of strips]

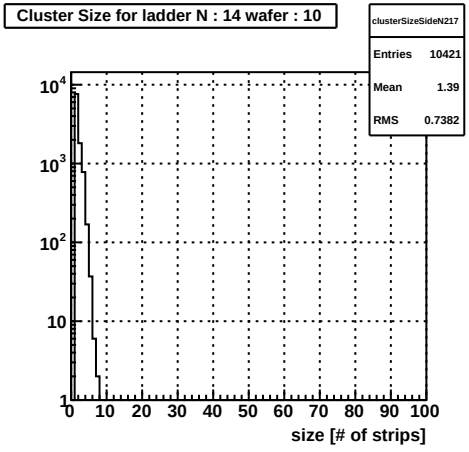

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 9483
Mean 1.465
RMS 0.8678
size [# of strips]

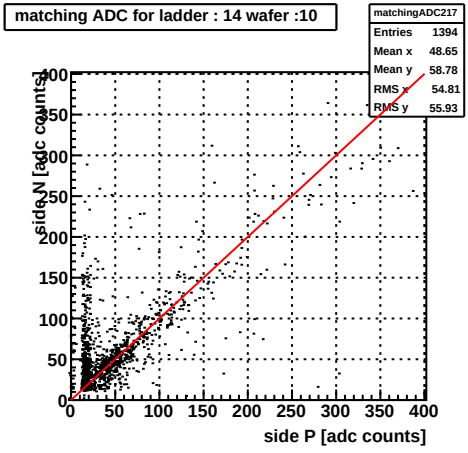

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 975
Mean x 59.09
Mean y 53.85
RMS x 56.54
RMS y 50.66
side N [adc counts]
side P [adc counts]

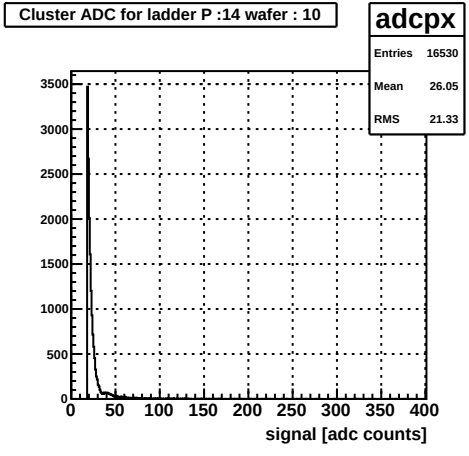

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 21652
Mean 28.35
RMS 19.5
signal [adc counts]

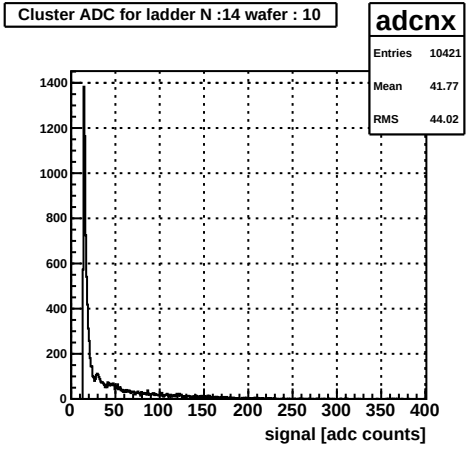

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 9483
Mean 34.46
RMS 29.87
signal [adc counts]

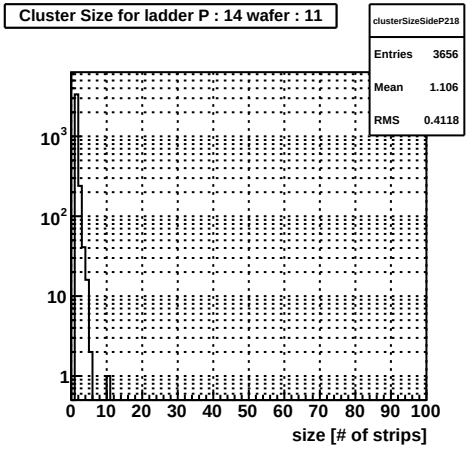

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 16530
Mean 1.07
RMS 0.3074
size [# of strips]

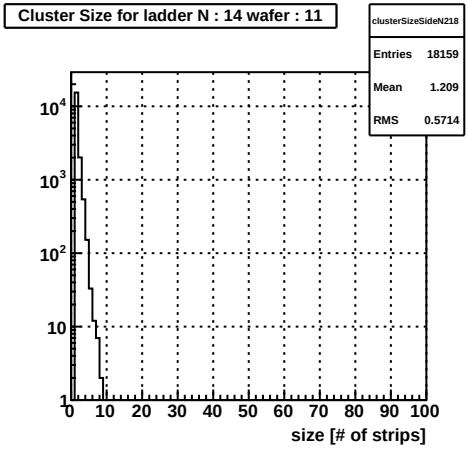

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 10421
Mean 1.39
RMS 0.7382
size [# of strips]

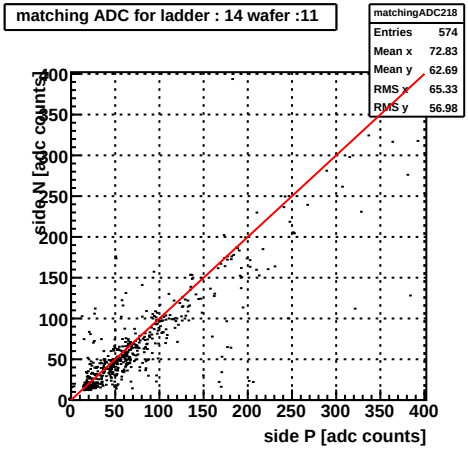

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1394
Mean x 48.65
Mean y 58.78
RMS x 54.81
RMS y 55.93
side N [adc counts]
side P [adc counts]

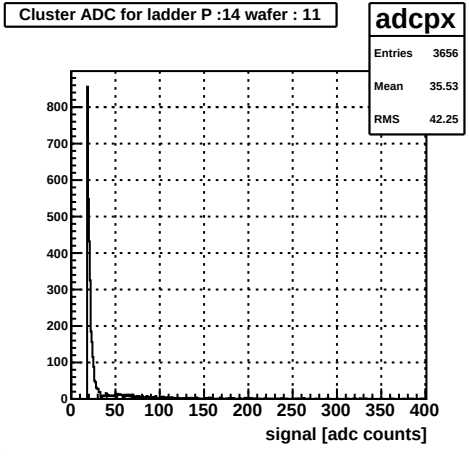

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 16530
Mean 26.05
RMS 21.33
signal [adc counts]

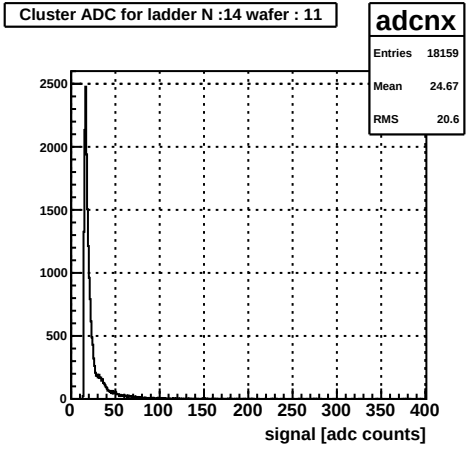

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 10421
Mean 41.77
RMS 44.02
signal [adc counts]

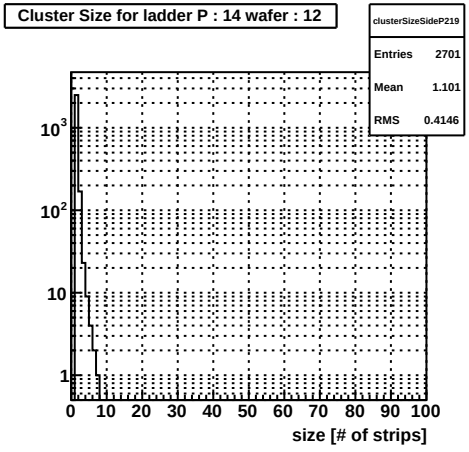

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3656
Mean 1.106
RMS 0.4118
size [# of strips]

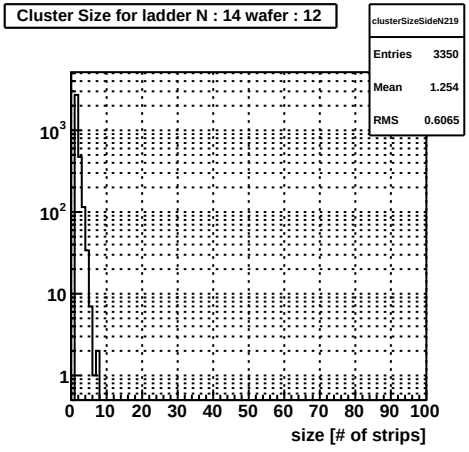

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 18159
Mean 1.209
RMS 0.5714
size [# of strips]

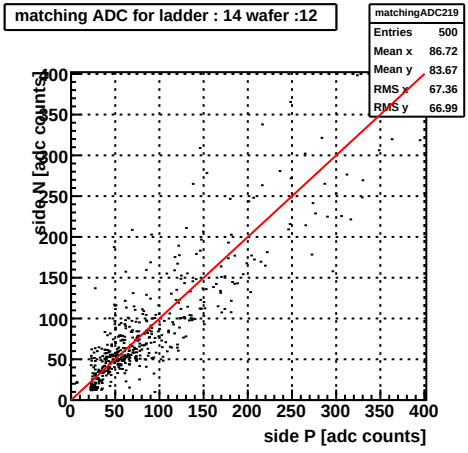

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 574
Mean x 72.83
Mean y 62.69
RMS x 65.33
RMS y 56.98
side N [adc counts]
side P [adc counts]

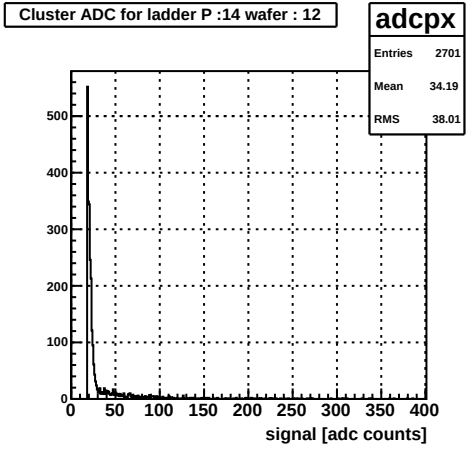

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3656
Mean 35.53
RMS 42.25
signal [adc counts]

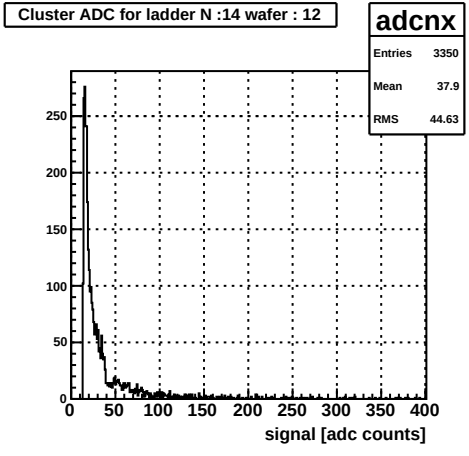

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 18159
Mean 24.67
RMS 20.6
signal [adc counts]

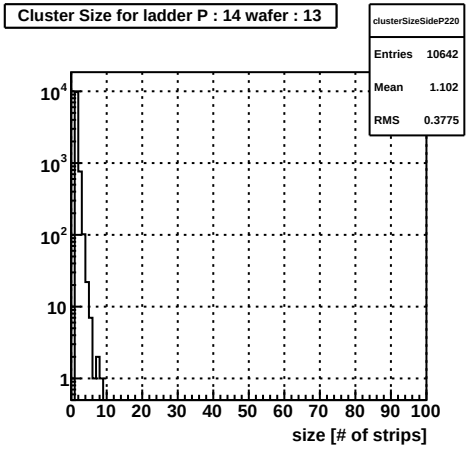

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 2701
Mean 1.101
RMS 0.4146
size [# of strips]

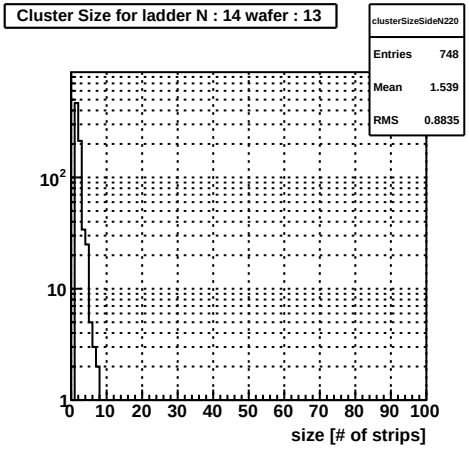

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 3350
Mean 1.254
RMS 0.6065
size [# of strips]

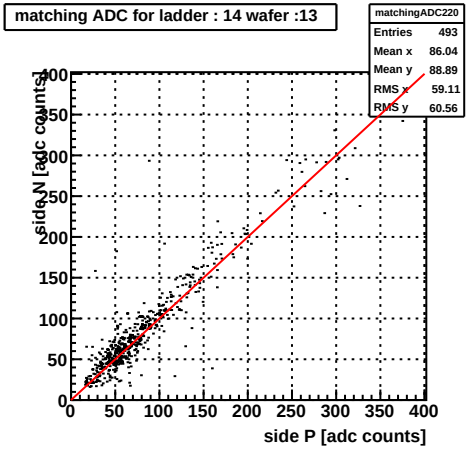

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 500
Mean x 86.72
Mean y 83.67
RMS x 67.36
RMS y 66.99
side N [adc counts]
side P [adc counts]

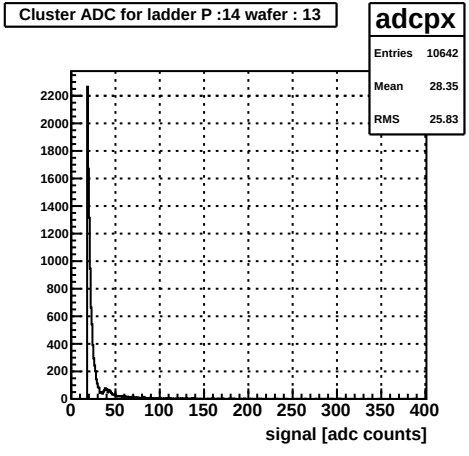

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 2701
Mean 34.19
RMS 38.01
signal [adc counts]

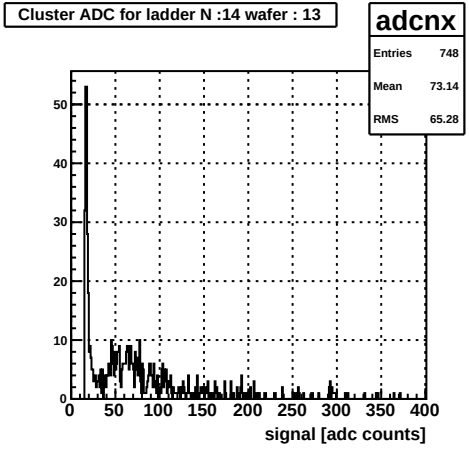

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 3350
Mean 37.9
RMS 44.63
signal [adc counts]

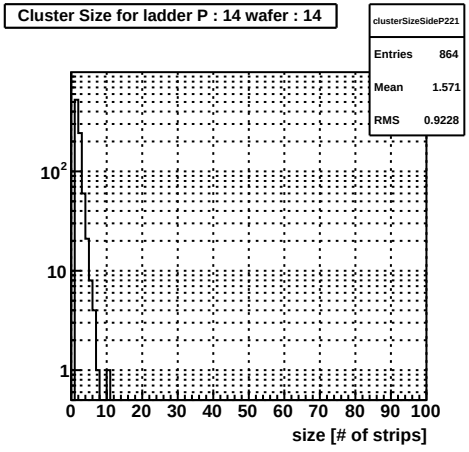

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10642
Mean 1.102
RMS 0.3775
size [# of strips]

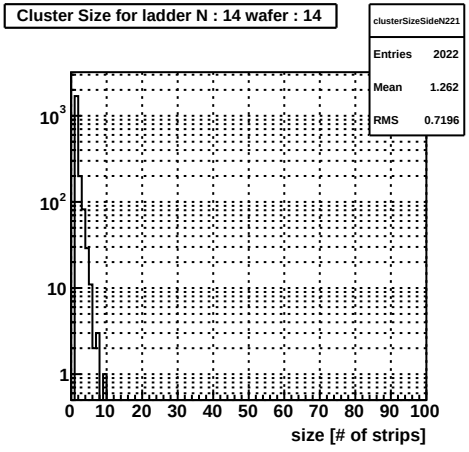

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 748
Mean 1.539
RMS 0.8835
size [# of strips]

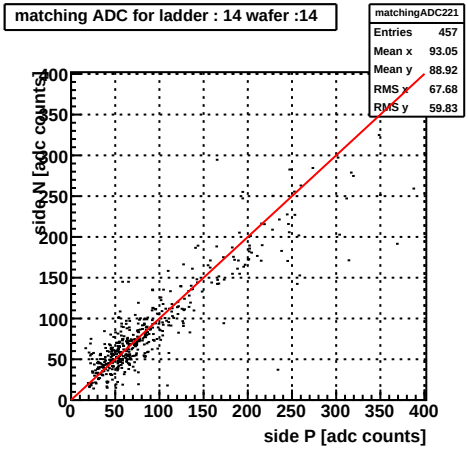

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 493
Mean x 86.04
Mean y 88.89
RMS x 59.11
RMS y 60.56
side N [adc counts]
side P [adc counts]

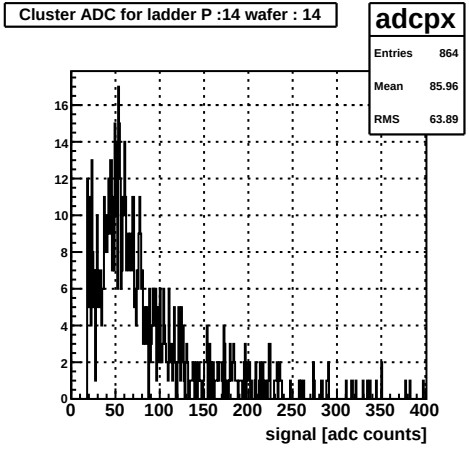

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10642
Mean 28.35
RMS 25.83
signal [adc counts]

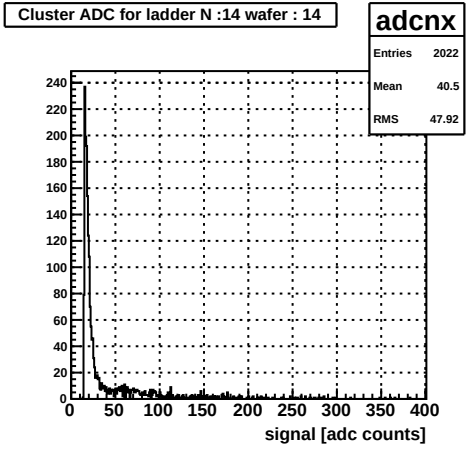

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 748
Mean 73.14
RMS 65.28
signal [adc counts]

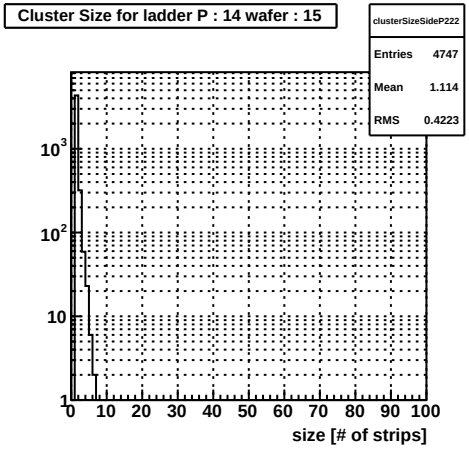

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 864
Mean 1.571
RMS 0.9228
size [# of strips]

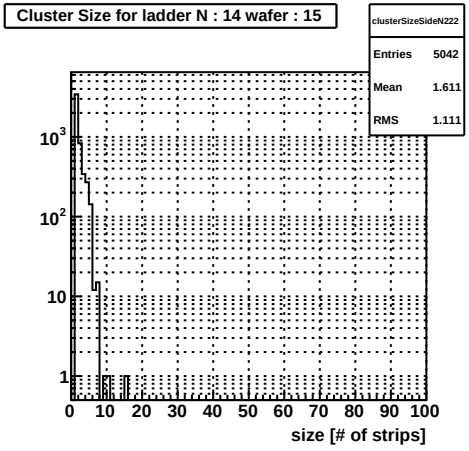

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2022
Mean 1.262
RMS 0.7196
size [# of strips]

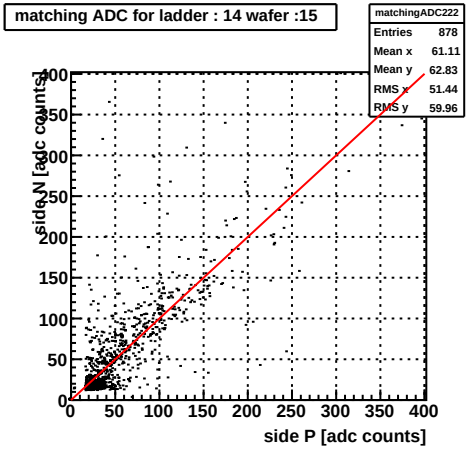

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 457
Mean x 93.05
Mean y 88.92
RMS x 67.68
RMS y 59.83
side N [adc counts]
side P [adc counts]

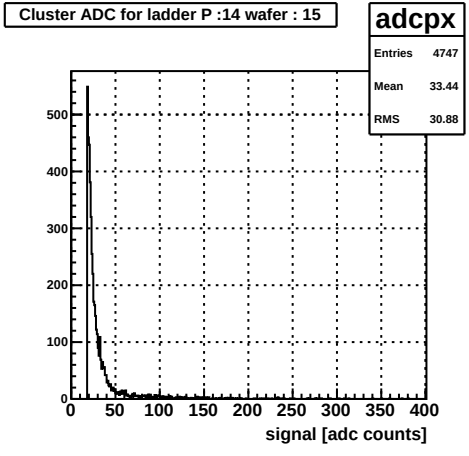

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 864
Mean 85.96
RMS 63.89
signal [adc counts]

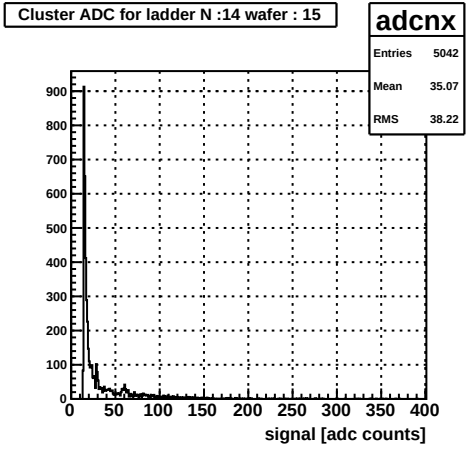

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2022
Mean 40.5
RMS 47.92
signal [adc counts]

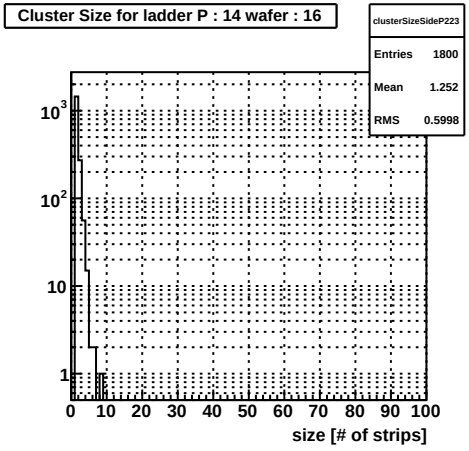

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 4747
Mean 1.114
RMS 0.4223
size [# of strips]

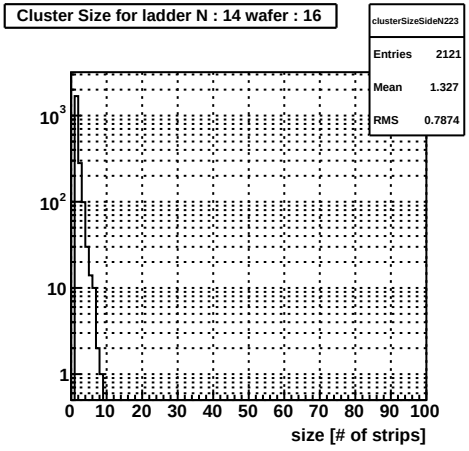

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 5042
Mean 1.611
RMS 1.111
size [# of strips]

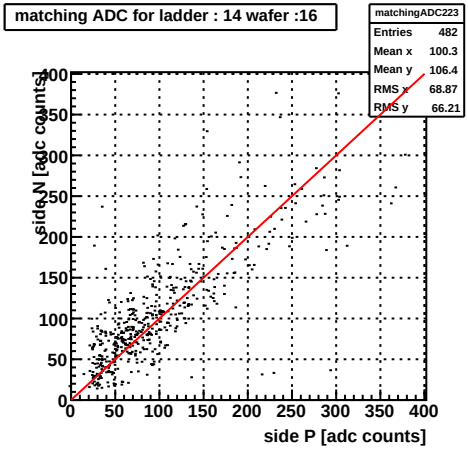

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 878
Mean x 61.11
Mean y 62.83
RMS x 51.44
RMS y 59.96
side N [adc counts]
side P [adc counts]

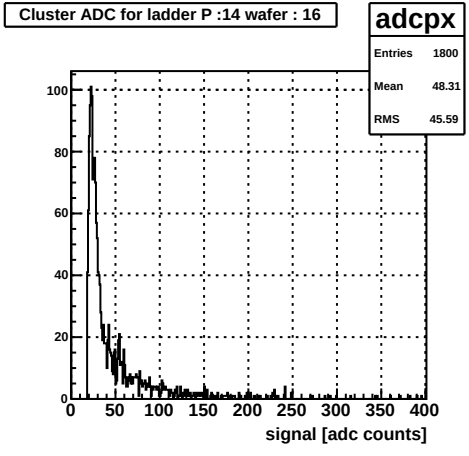

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 4747
Mean 33.44
RMS 30.88
signal [adc counts]

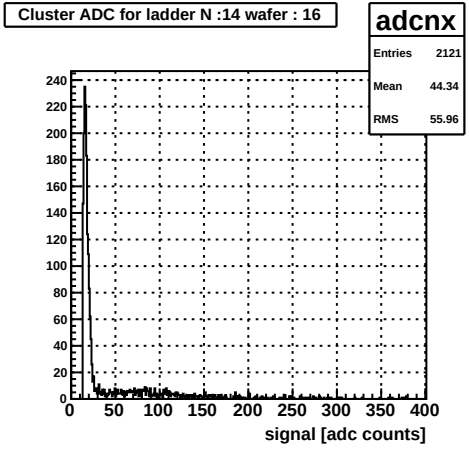

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 5042
Mean 35.07
RMS 38.22
signal [adc counts]

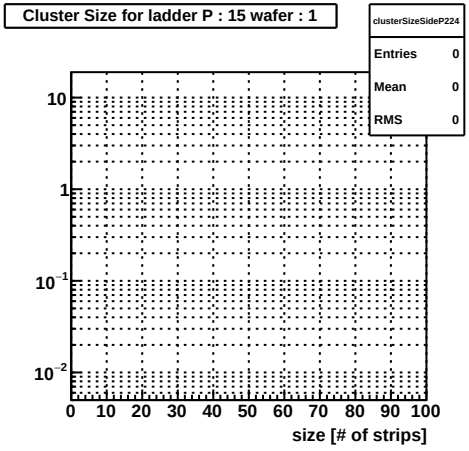

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1800
Mean 1.252
RMS 0.5998
size [# of strips]

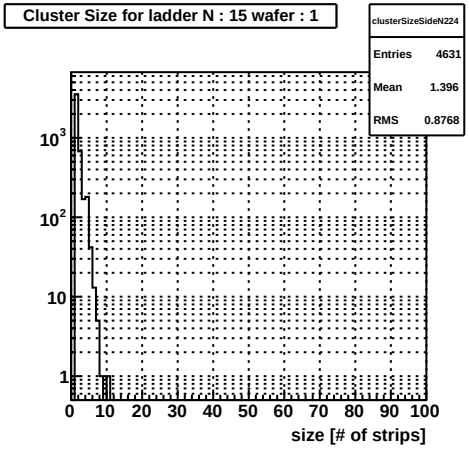

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2121
Mean 1.327
RMS 0.7874
size [# of strips]

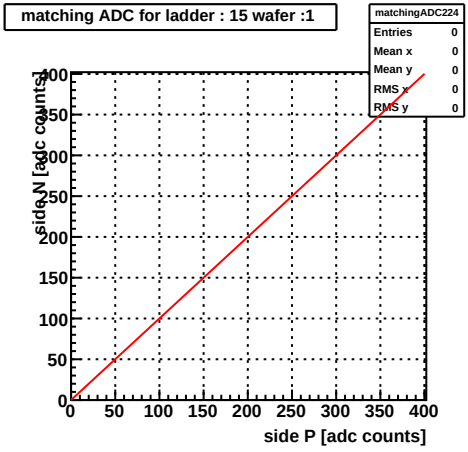

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 482
Mean x 100.3
Mean y 106.4
RMS x 68.87
RMS y 66.21
side N [adc counts]
side P [adc counts]

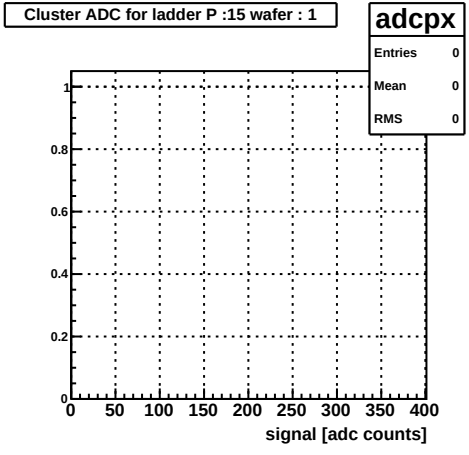

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1800
Mean 48.31
RMS 45.59
signal [adc counts]

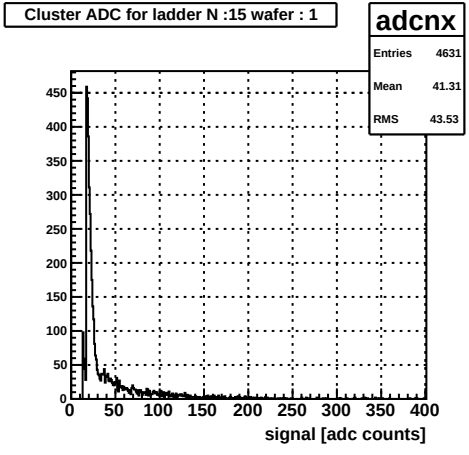

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2121
Mean 44.34
RMS 55.96
signal [adc counts]

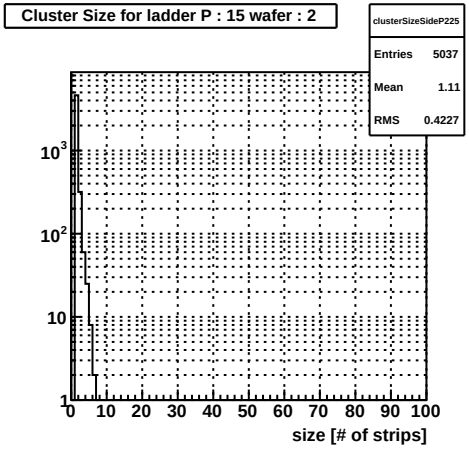

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

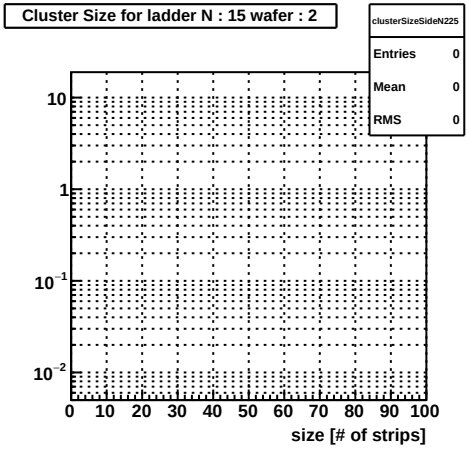

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 4631
Mean 1.396
RMS 0.8768
size [# of strips]

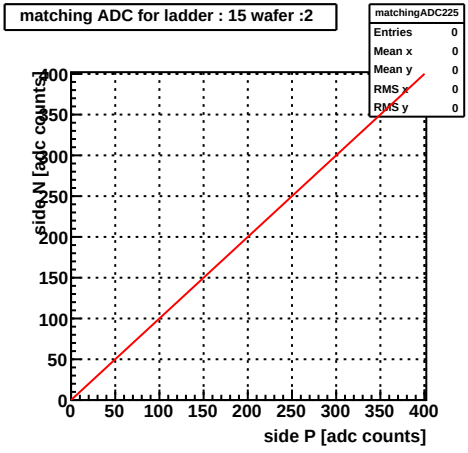

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

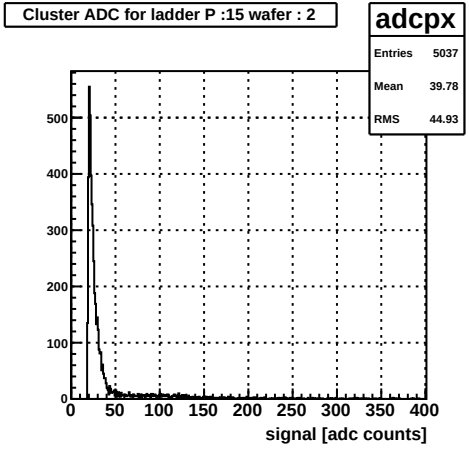

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

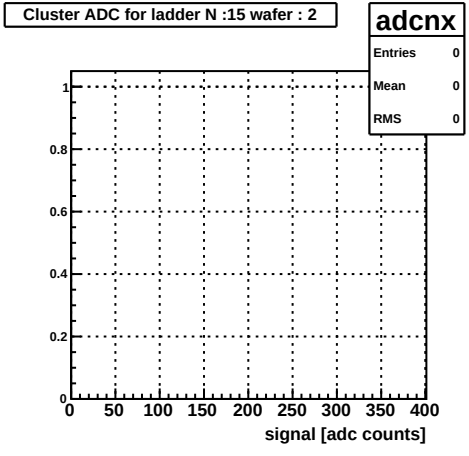

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 4631
Mean 41.31
RMS 43.53
signal [adc counts]

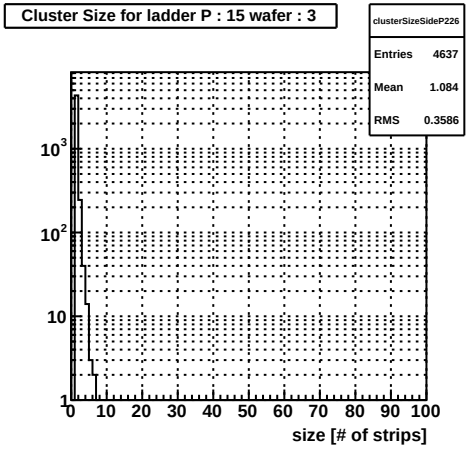

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 5037
Mean 1.11
RMS 0.4227
size [# of strips]

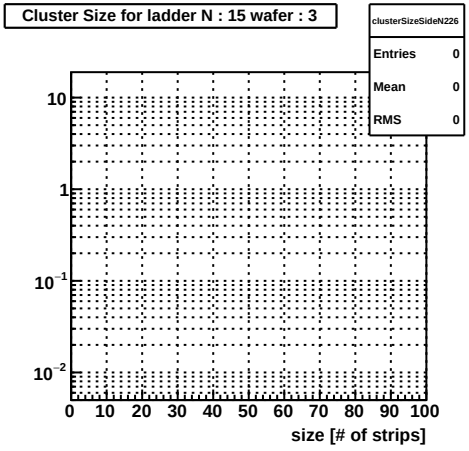

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

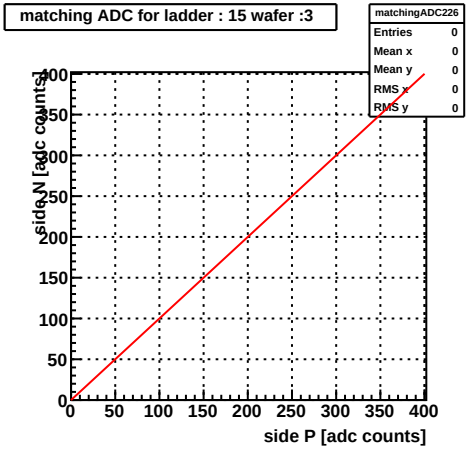

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

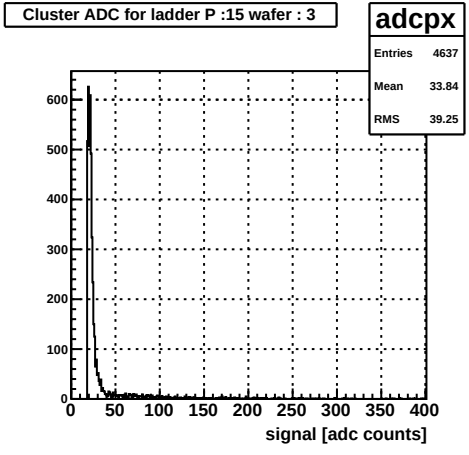

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 5037
Mean 39.78
RMS 44.93
signal [adc counts]

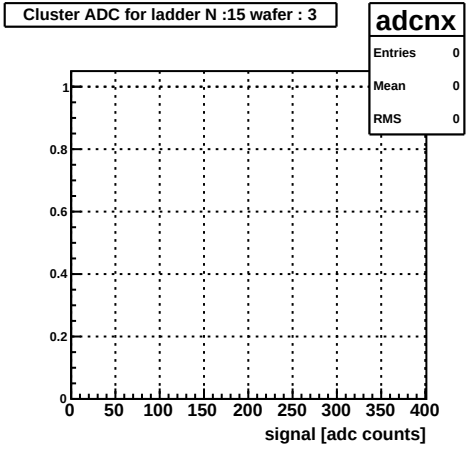

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

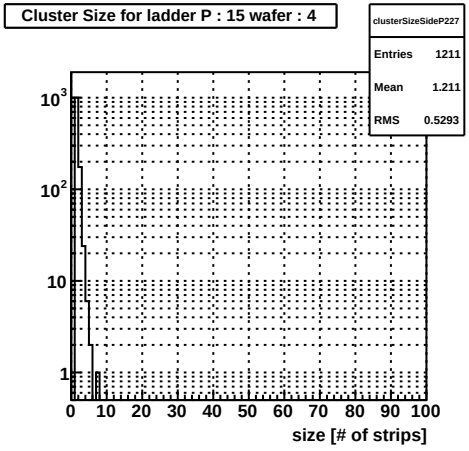

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 4637
Mean 1.084
RMS 0.3586
size [# of strips]

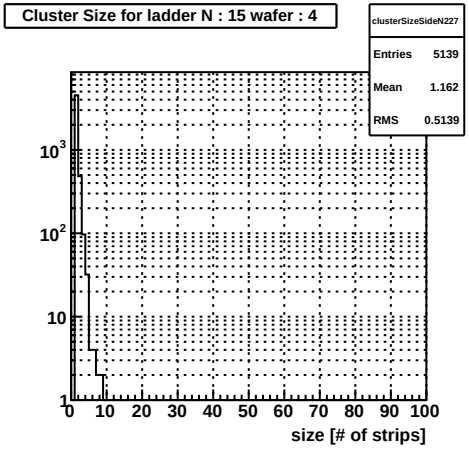

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

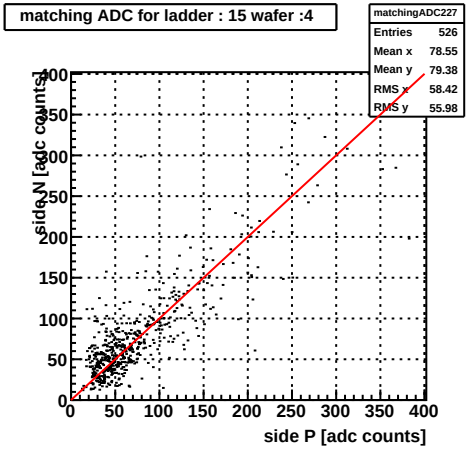

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

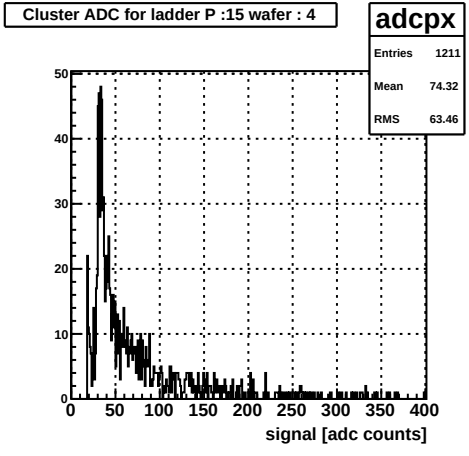

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 4637
Mean 33.84
RMS 39.25
signal [adc counts]

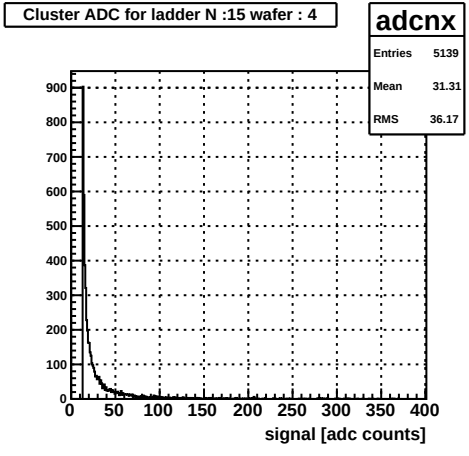

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

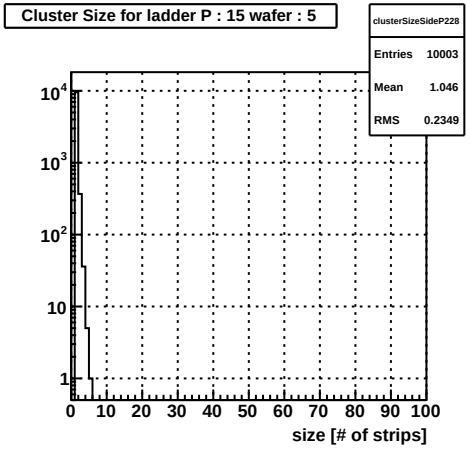

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1211
Mean 1.211
RMS 0.5293
size [# of strips]

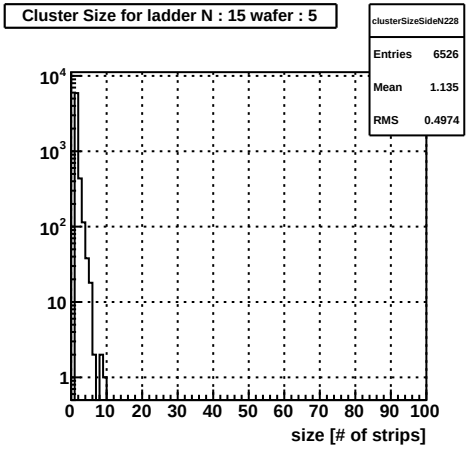

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 5139
Mean 1.162
RMS 0.5139
size [# of strips]

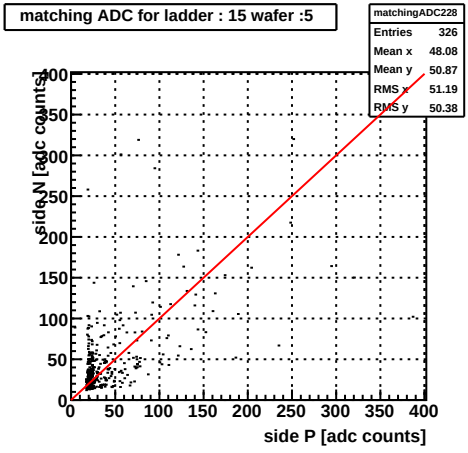

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 526
Mean x 78.55
Mean y 79.38
RMS x 58.42
RMS y 55.98
side N [adc counts]
side P [adc counts]

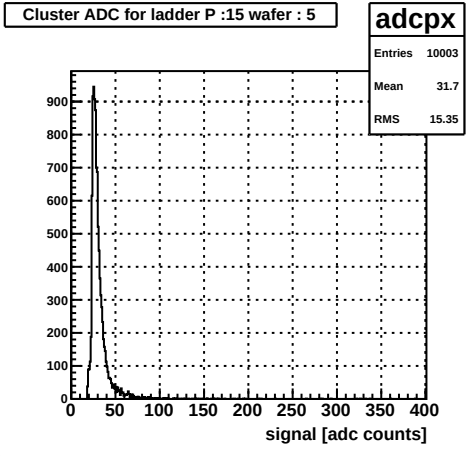

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1211
Mean 74.32
RMS 63.46
signal [adc counts]

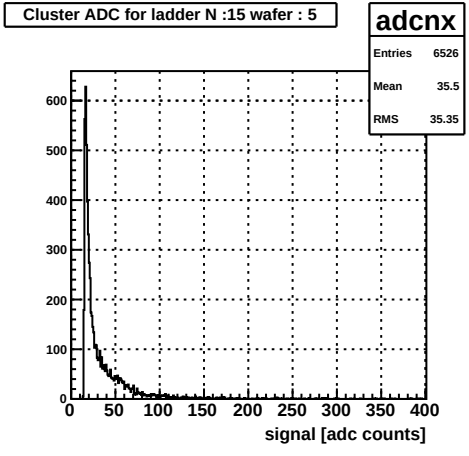

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 5139
Mean 31.31
RMS 36.17
signal [adc counts]

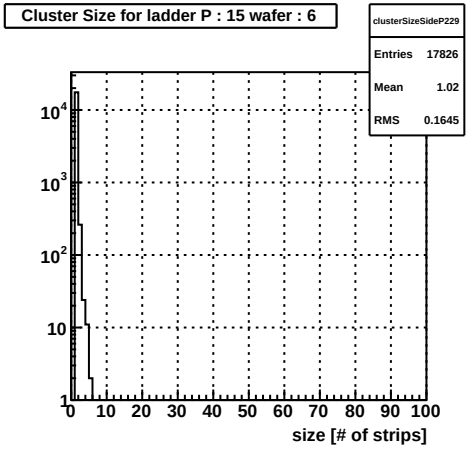

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 10003
Mean 1.046
RMS 0.2349
size [# of strips]

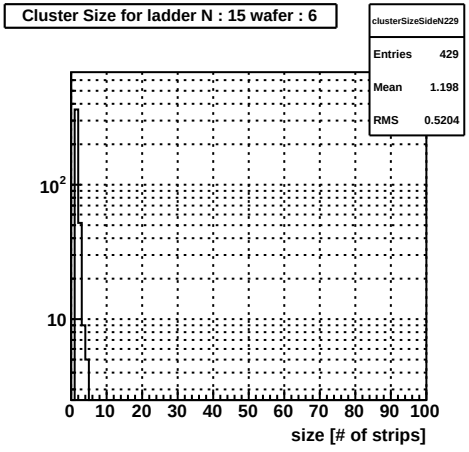

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6526
Mean 1.135
RMS 0.4974
size [# of strips]

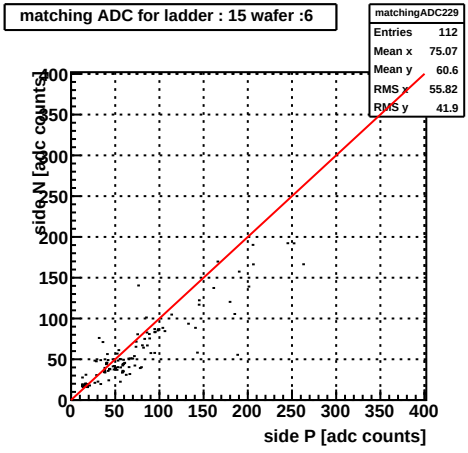

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 326
Mean x 48.08
Mean y 50.87
RMS x 51.19
RMS y 50.38
side N [adc counts]
side P [adc counts]

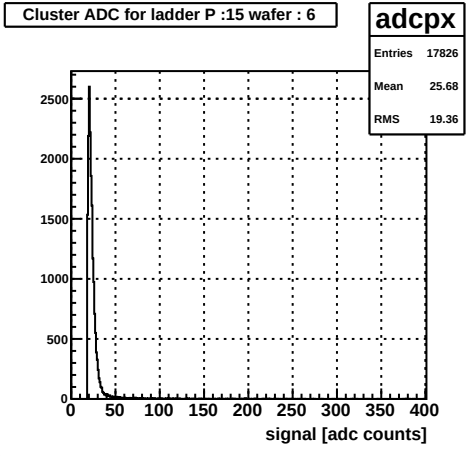

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 10003
Mean 31.7
RMS 15.35
signal [adc counts]

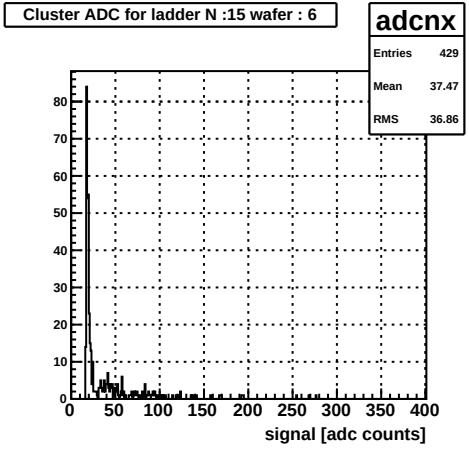

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6526
Mean 35.5
RMS 35.35
signal [adc counts]

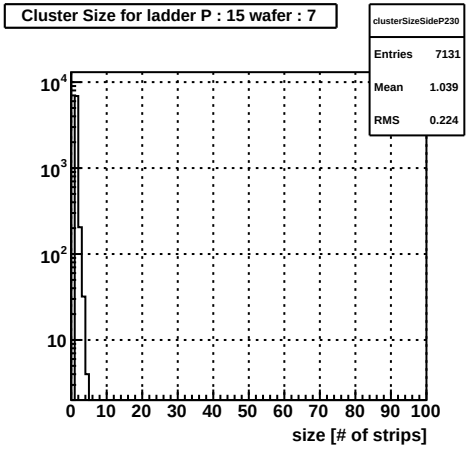

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 17826
Mean 1.02
RMS 0.1645
size [# of strips]

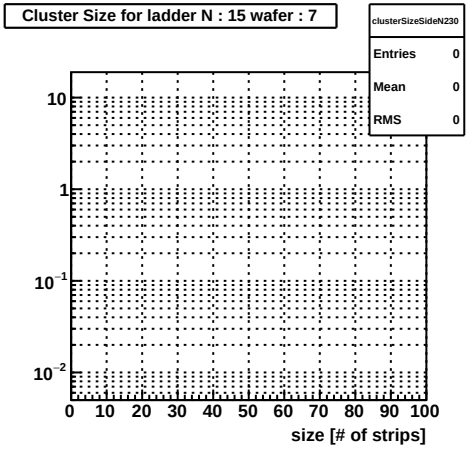

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 429
Mean 1.198
RMS 0.5204
size [# of strips]

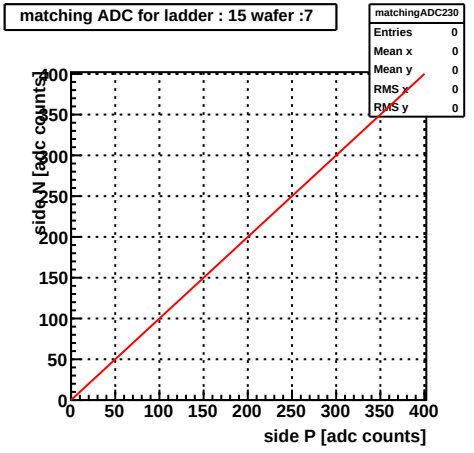

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 112
Mean x 75.07
Mean y 60.6
RMS x 55.82
RMS y 41.9
side N [adc counts]
side P [adc counts]

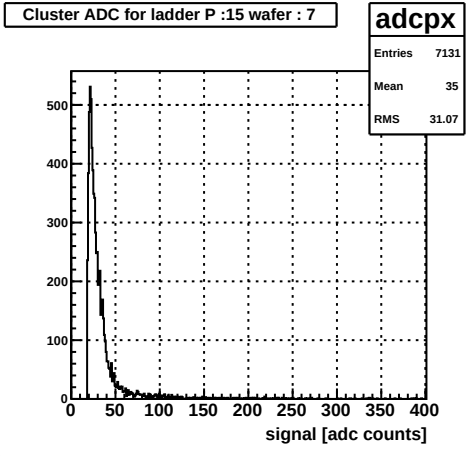

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 17826
Mean 25.68
RMS 19.36
signal [adc counts]

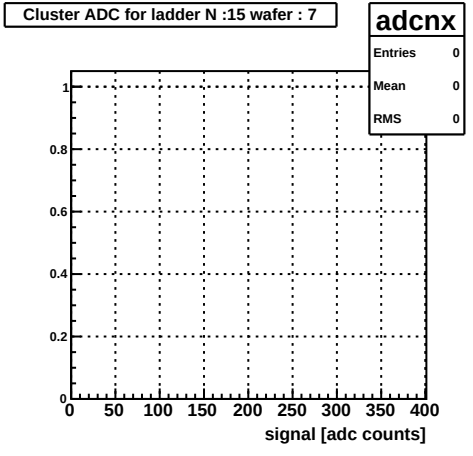

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 429
Mean 37.47
RMS 36.86
signal [adc counts]

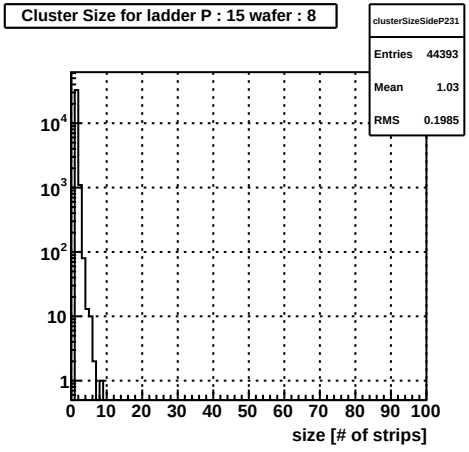

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 7131
Mean 1.039
RMS 0.224
size [# of strips]

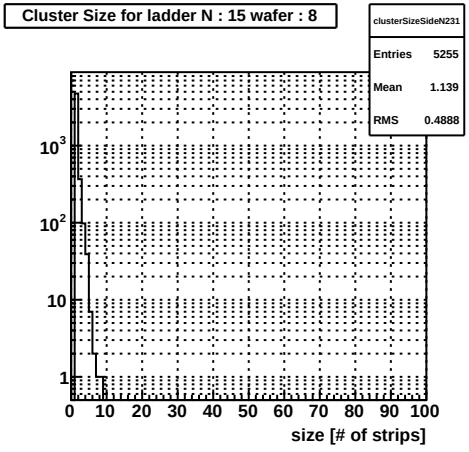

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

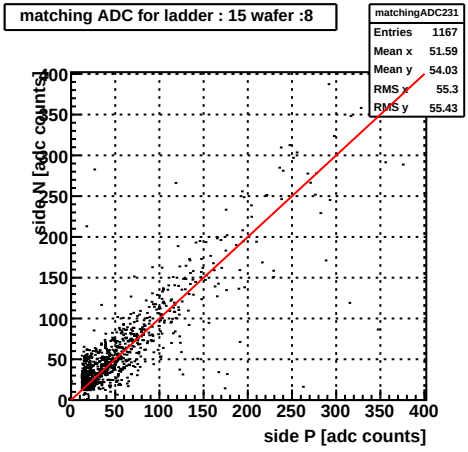

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

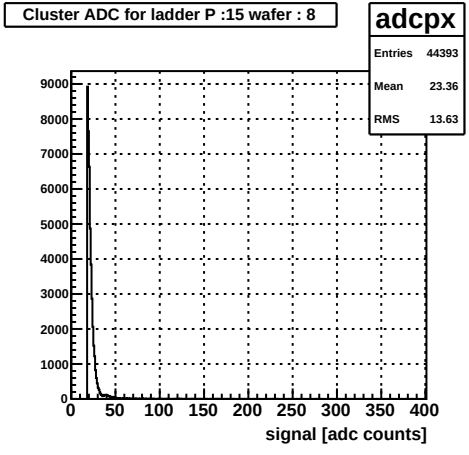

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 7131
Mean 35
RMS 31.07
signal [adc counts]

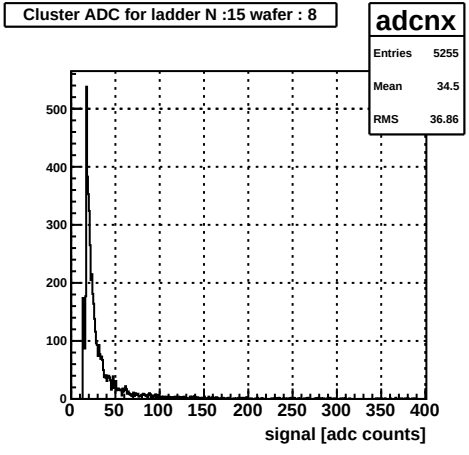

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

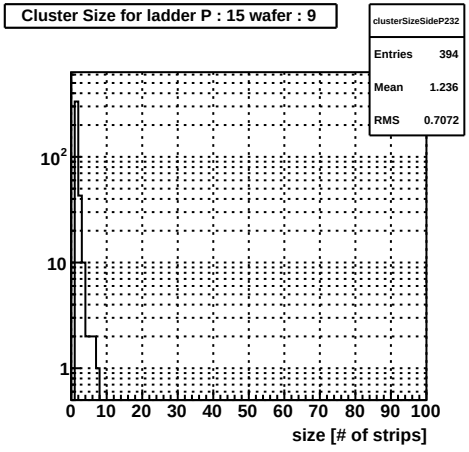

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 44393
Mean 1.03
RMS 0.1985
size [# of strips]

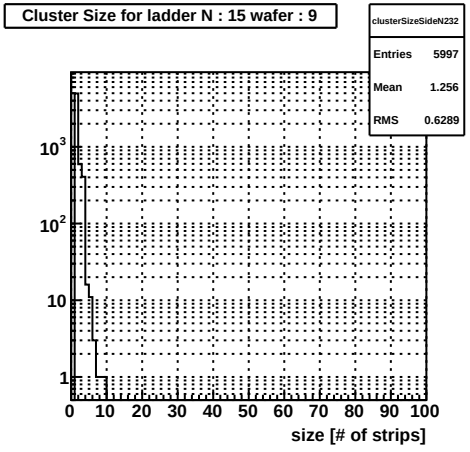

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 5255
Mean 1.139
RMS 0.4888
size [# of strips]

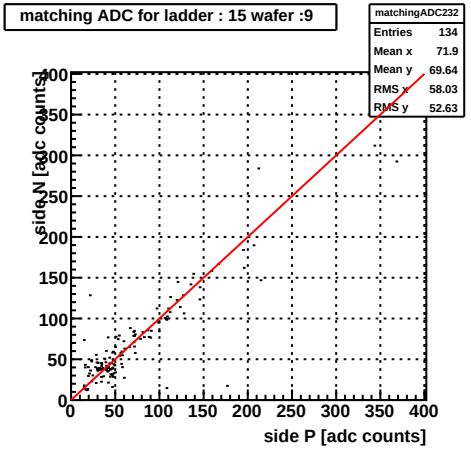

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1167
Mean x 51.59
Mean y 54.03
RMS x 55.3
RMS y 55.43
side N [adc counts]
side P [adc counts]

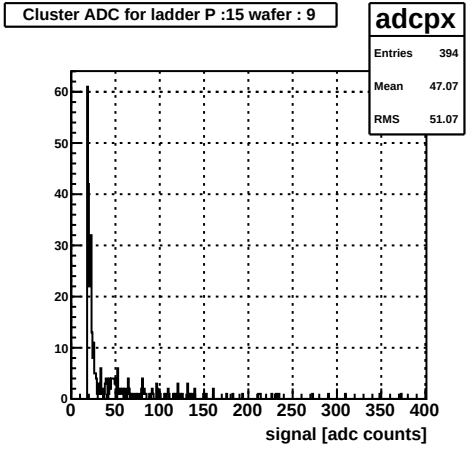

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 44393
Mean 23.36
RMS 13.63
signal [adc counts]

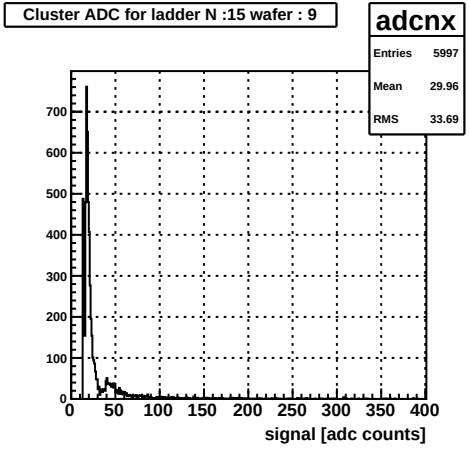

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 5255
Mean 34.5
RMS 36.86
signal [adc counts]

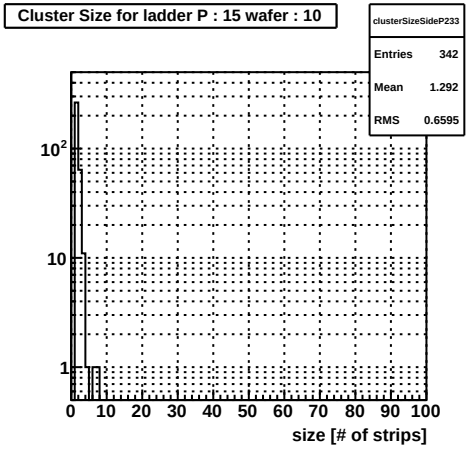

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 394
Mean 1.236
RMS 0.7072
size [# of strips]

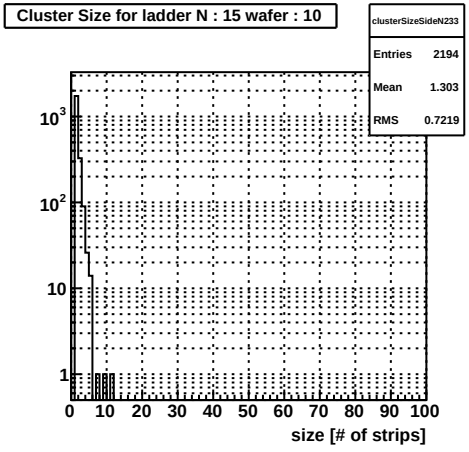

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5997
Mean 1.256
RMS 0.6289
size [# of strips]

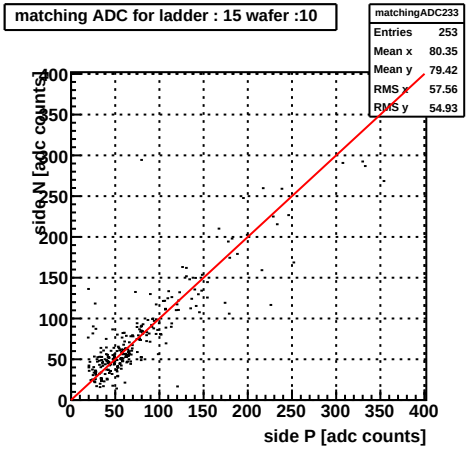

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 134
Mean x 71.9
Mean y 69.64
RMS x 58.03
RMS y 52.63
side N [adc counts]
side P [adc counts]

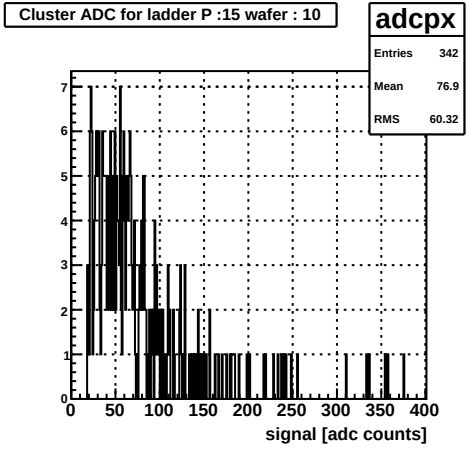

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 394
Mean 47.07
RMS 51.07
signal [adc counts]

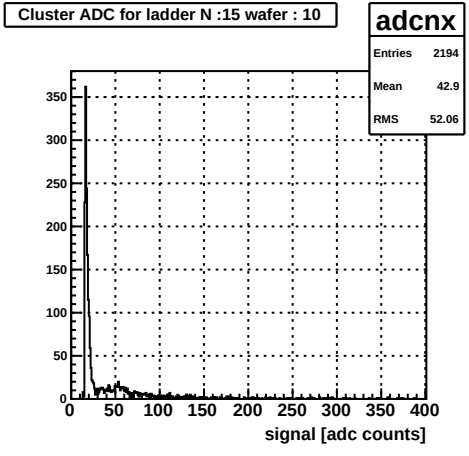

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5997
Mean 29.96
RMS 33.69
signal [adc counts]

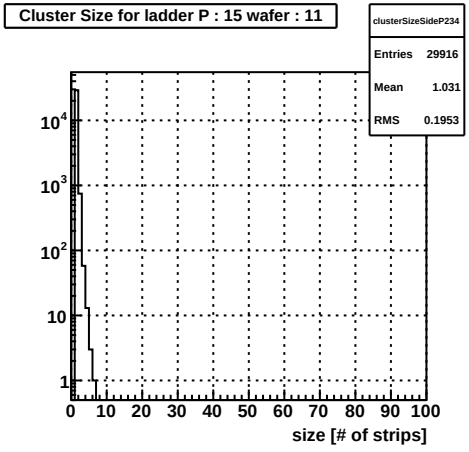

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 342
Mean 1.292
RMS 0.6595
size [# of strips]

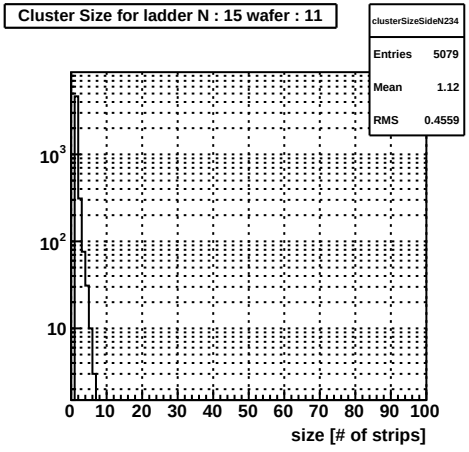

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2194
Mean 1.303
RMS 0.7219
size [# of strips]

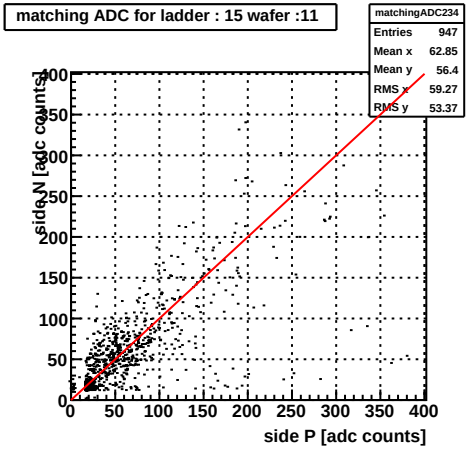

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 253
Mean x 80.35
Mean y 79.42
RMS x 57.56
RMS y 54.93
side N [adc counts]
side P [adc counts]

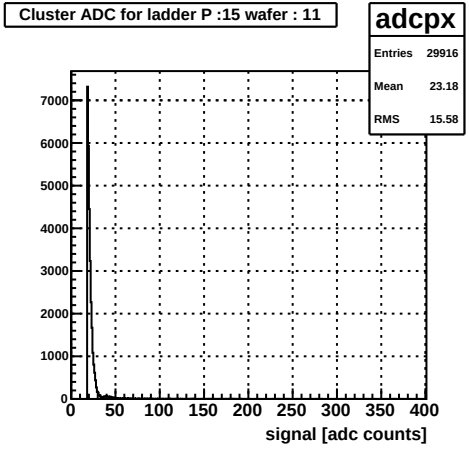

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 342
Mean 76.9
RMS 60.32
signal [adc counts]

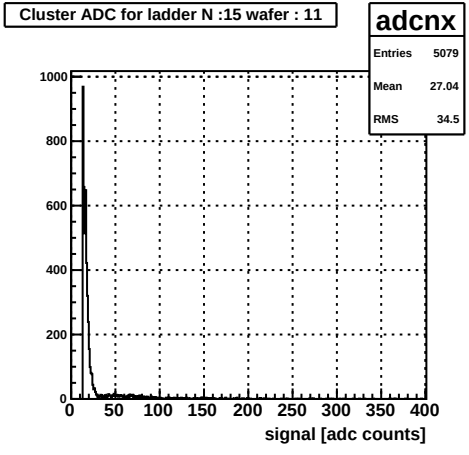

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2194
Mean 42.9
RMS 52.06
signal [adc counts]

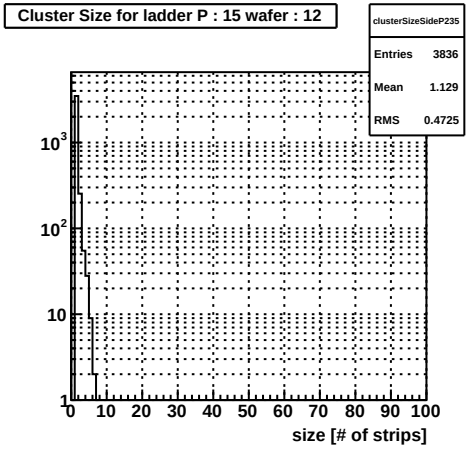

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 29916
Mean 1.031
RMS 0.1953
size [# of strips]

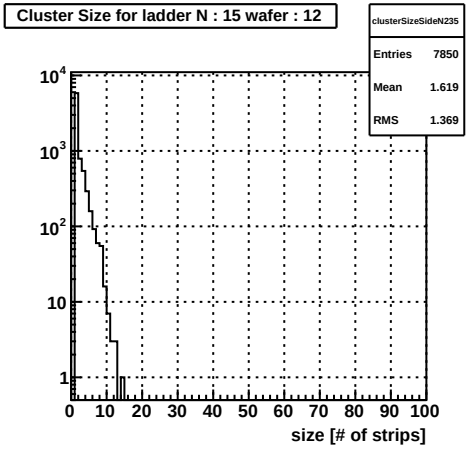

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 5079
Mean 1.12
RMS 0.4559
size [# of strips]

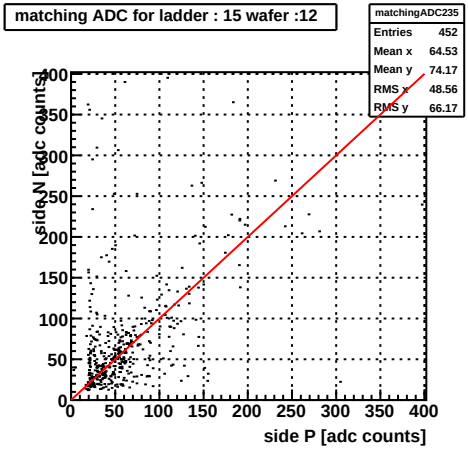

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 947
Mean x 62.85
Mean y 56.4
RMS x 59.27
RMS y 53.37
side N [adc counts]
side P [adc counts]

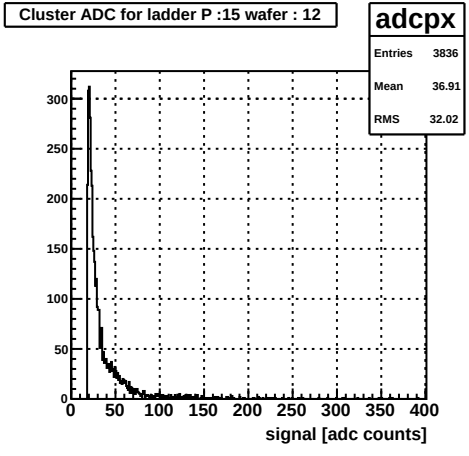

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 29916
Mean 23.18
RMS 15.58
signal [adc counts]

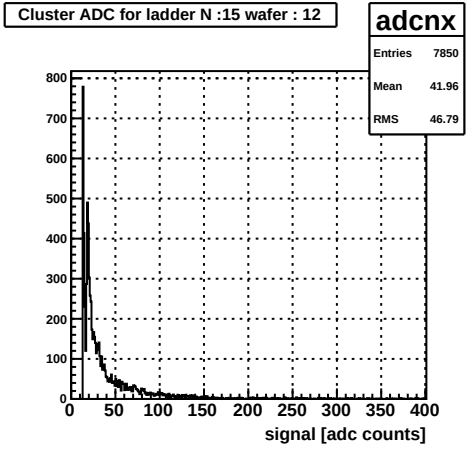

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 5079
Mean 27.04
RMS 34.5
signal [adc counts]

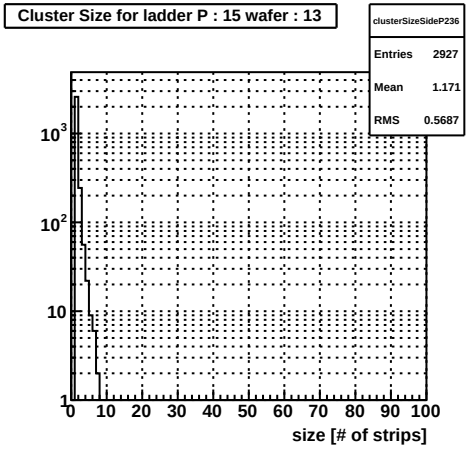

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3836
Mean 1.129
RMS 0.4725
size [# of strips]

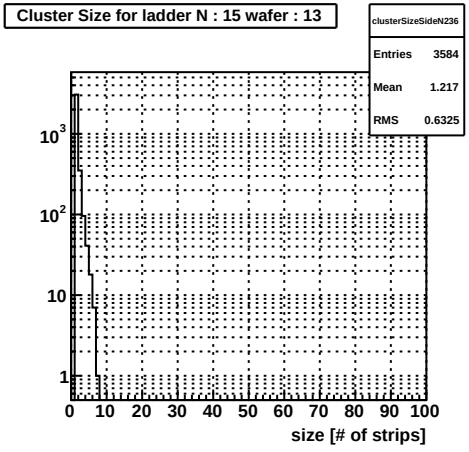

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 7850
Mean 1.619
RMS 1.369
size [# of strips]

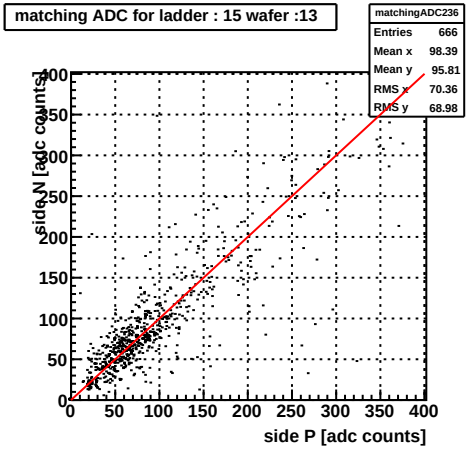

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 452
Mean x 64.53
Mean y 74.17
RMS x 48.56
RMS y 66.17
side N [adc counts]
side P [adc counts]

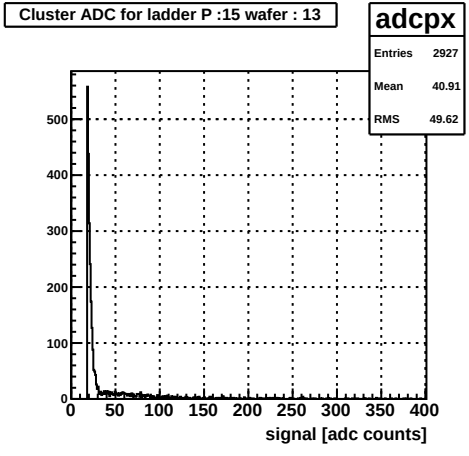

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3836
Mean 36.91
RMS 32.02
signal [adc counts]

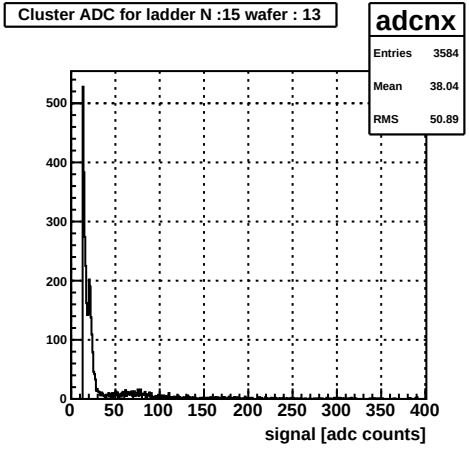

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 7850
Mean 41.96
RMS 46.79
signal [adc counts]

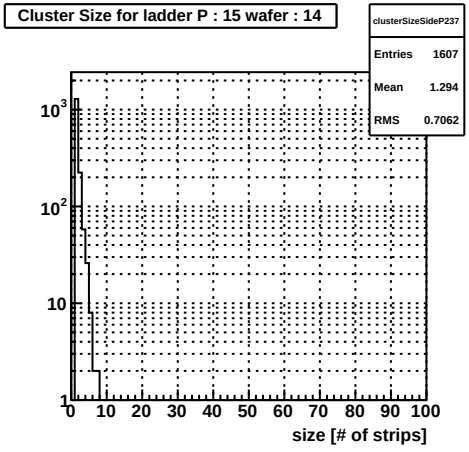

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2927
Mean 1.171
RMS 0.5687
size [# of strips]

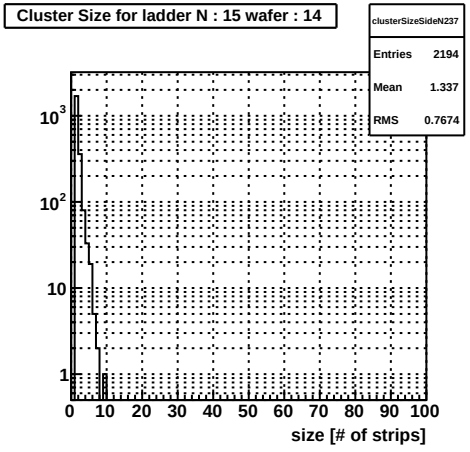

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 3584
Mean 1.217
RMS 0.6325
size [# of strips]

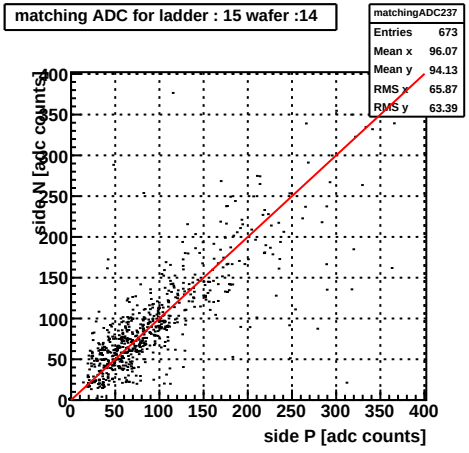

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 666
Mean x 98.39
Mean y 95.81
RMS x 70.36
RMS y 68.98
side N [adc counts]
side P [adc counts]

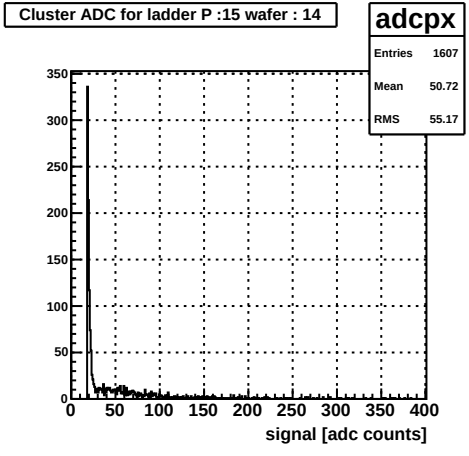

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2927
Mean 40.91
RMS 49.62
signal [adc counts]

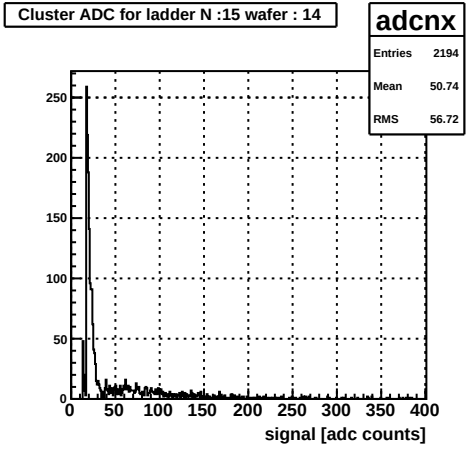

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 3584
Mean 38.04
RMS 50.89
signal [adc counts]

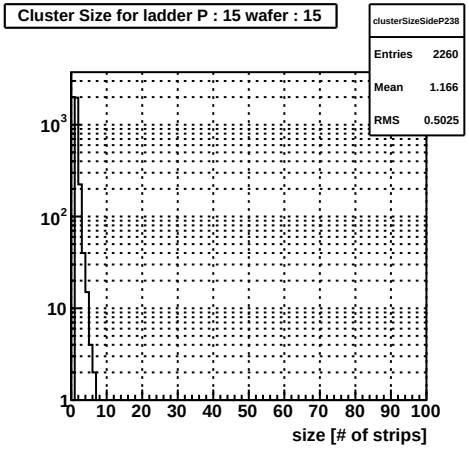

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1607
Mean 1.294
RMS 0.7062
size [# of strips]

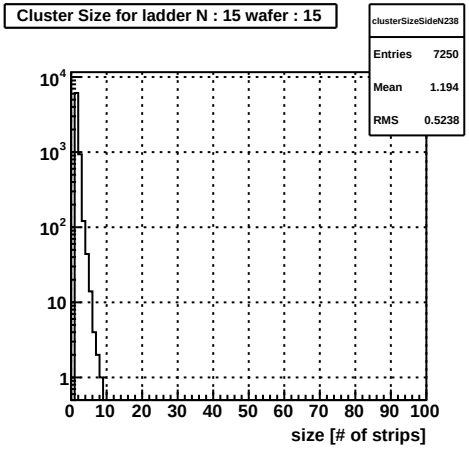

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2194
Mean 1.337
RMS 0.7674
size [# of strips]

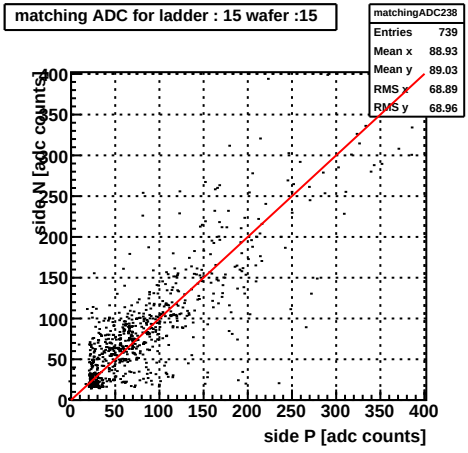

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 673
Mean x 96.07
Mean y 94.13
RMS x 65.87
RMS y 63.39
side N [adc counts]
side P [adc counts]

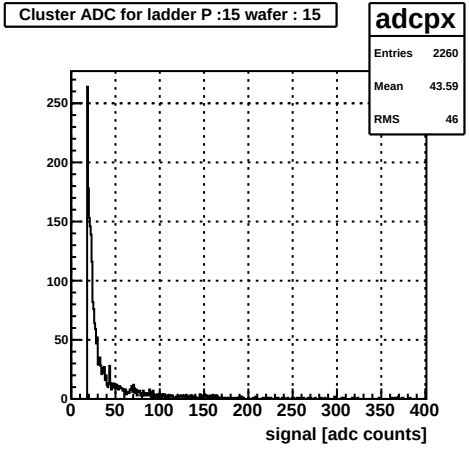

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1607
Mean 50.72
RMS 55.17
signal [adc counts]

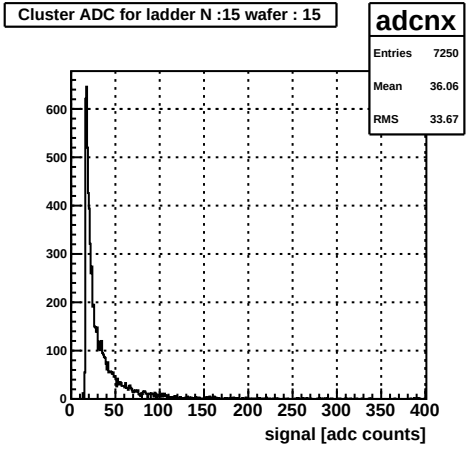

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2194
Mean 50.74
RMS 56.72
signal [adc counts]

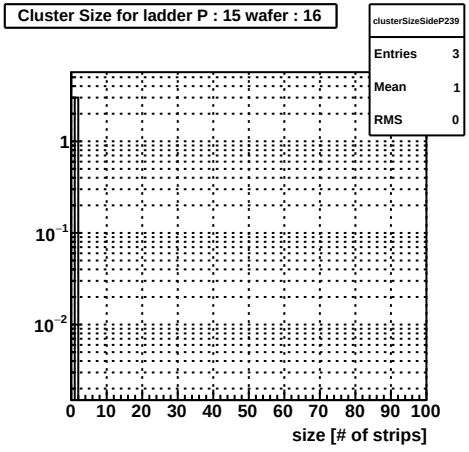

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2260
Mean 1.166
RMS 0.5025
size [# of strips]

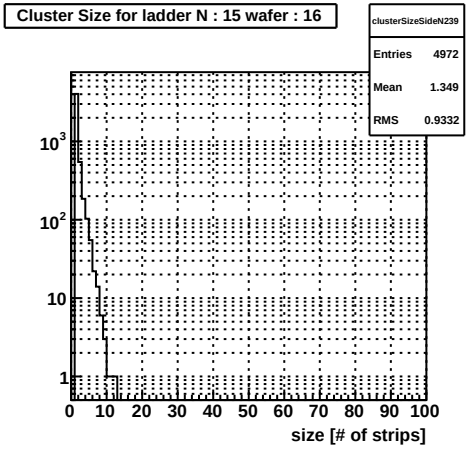

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 7250
Mean 1.194
RMS 0.5238
size [# of strips]

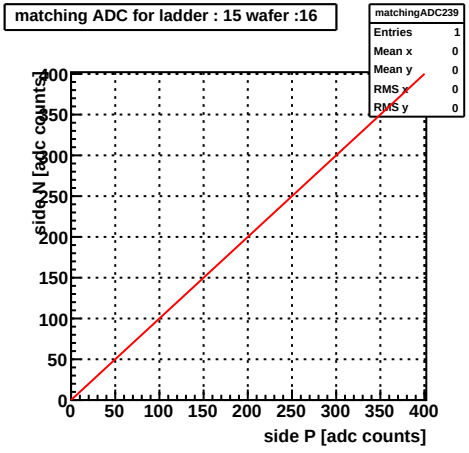

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 739
Mean x 88.93
Mean y 89.03
RMS x 68.89
RMS y 68.96
side N [adc counts]
side P [adc counts]

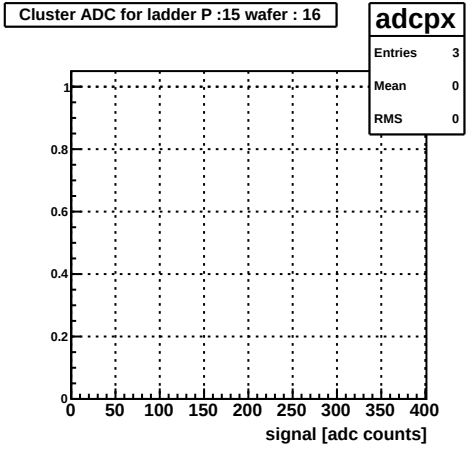

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2260
Mean 43.59
RMS 46
signal [adc counts]

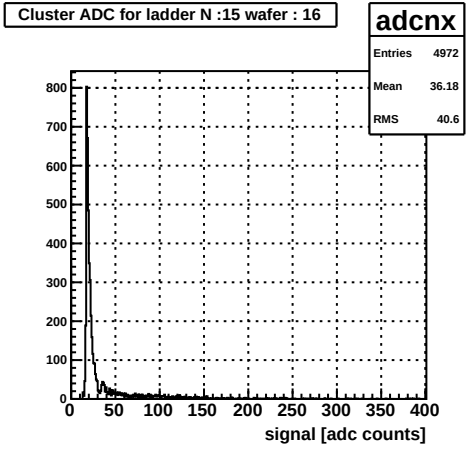

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 7250
Mean 36.06
RMS 33.67
signal [adc counts]

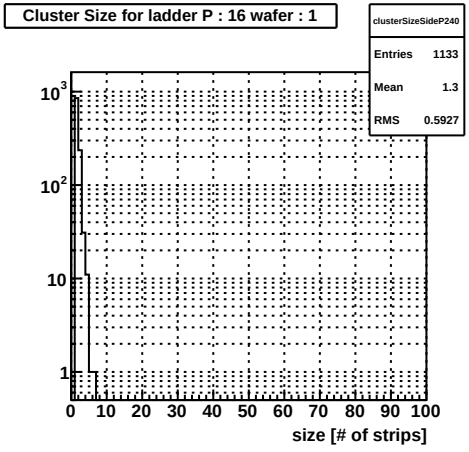

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

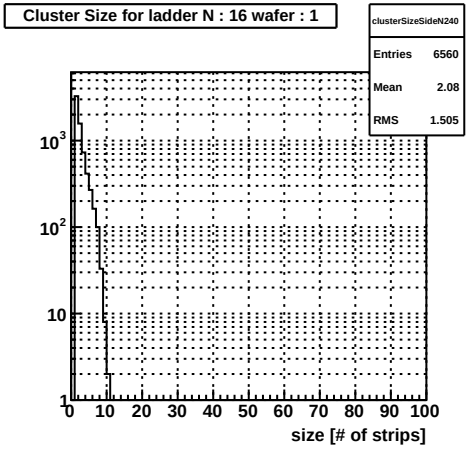

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 4972
Mean 1.349
RMS 0.9332
size [# of strips]

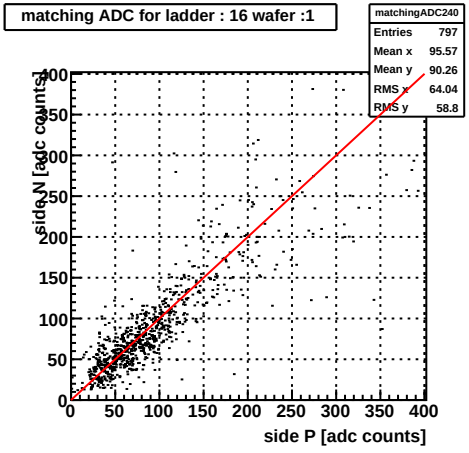

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

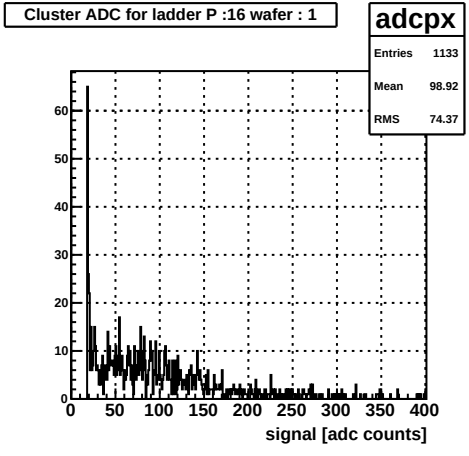

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

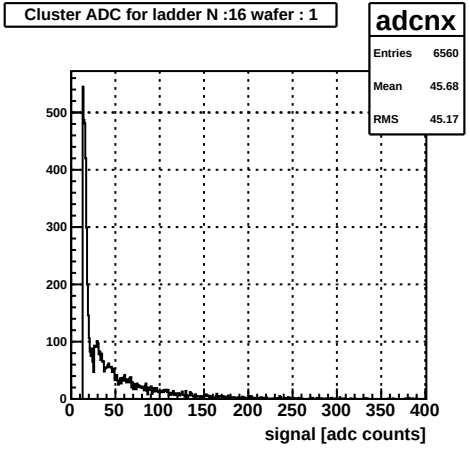

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 4972
Mean 36.18
RMS 40.6
signal [adc counts]

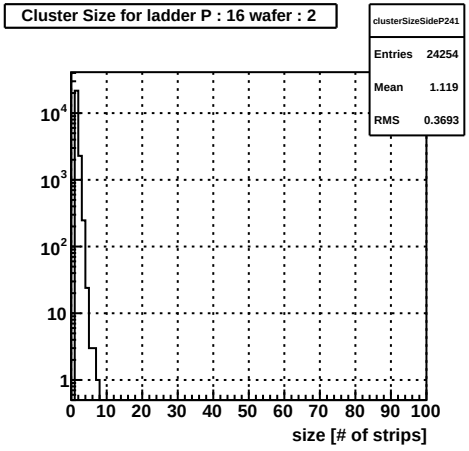

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1133
Mean 1.3
RMS 0.5927
size [# of strips]

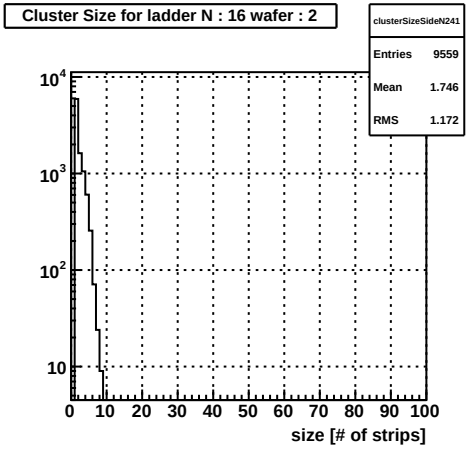

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 6560
Mean 2.08
RMS 1.505
size [# of strips]

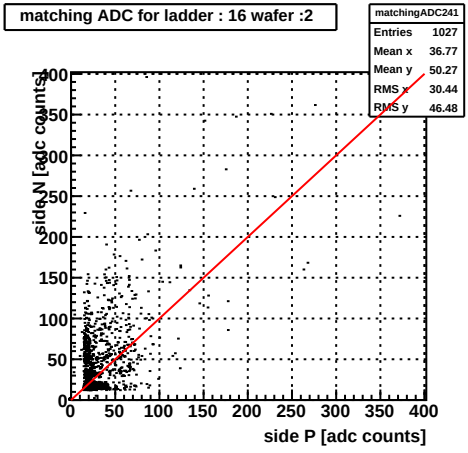

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 797
Mean x 95.57
Mean y 90.26
RMS x 64.04
RMS y 58.8
side N [adc counts]
side P [adc counts]

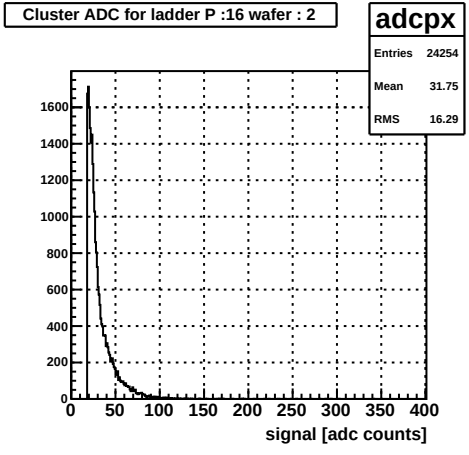

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1133
Mean 98.92
RMS 74.37
signal [adc counts]

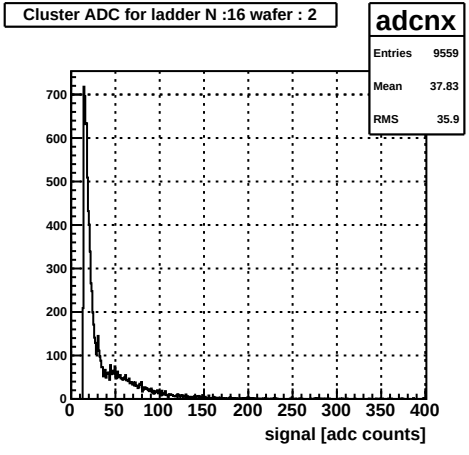

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 6560
Mean 45.68
RMS 45.17
signal [adc counts]

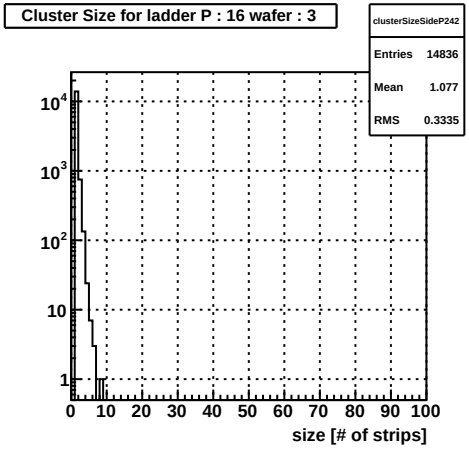

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 24254
Mean 1.119
RMS 0.3693
size [# of strips]

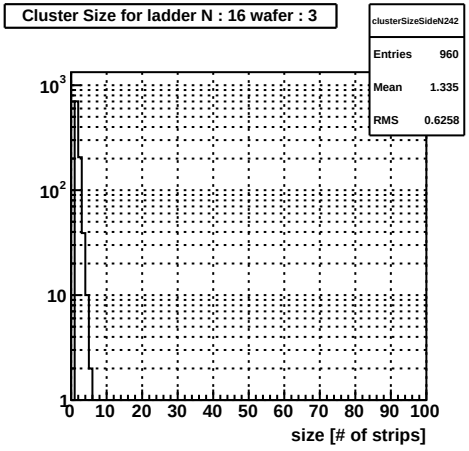

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 9559
Mean 1.746
RMS 1.172
size [# of strips]

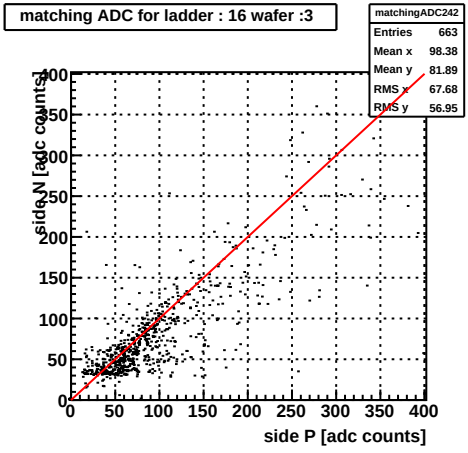

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1027
Mean x 36.77
Mean y 50.27
RMS x 30.44
RMS y 46.48
side N [adc counts]
side P [adc counts]

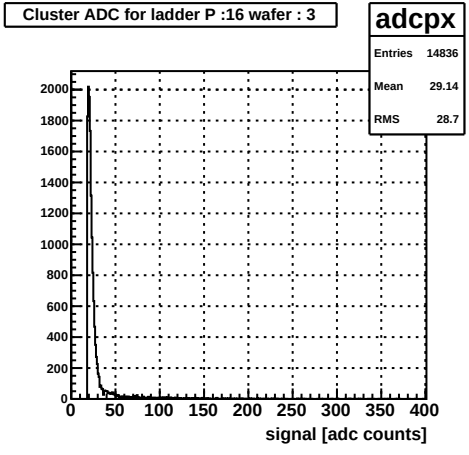

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 24254
Mean 31.75
RMS 16.29
signal [adc counts]

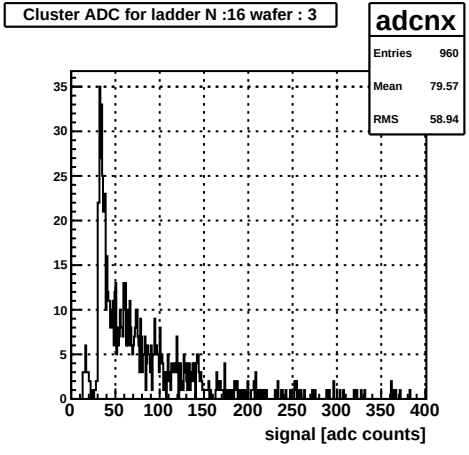

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 9559
Mean 37.83
RMS 35.9
signal [adc counts]

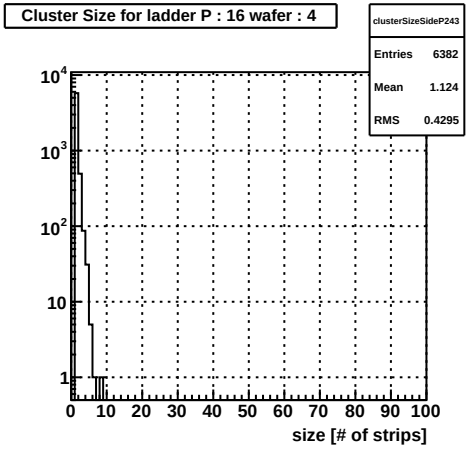

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 14836
Mean 1.077
RMS 0.3335
size [# of strips]

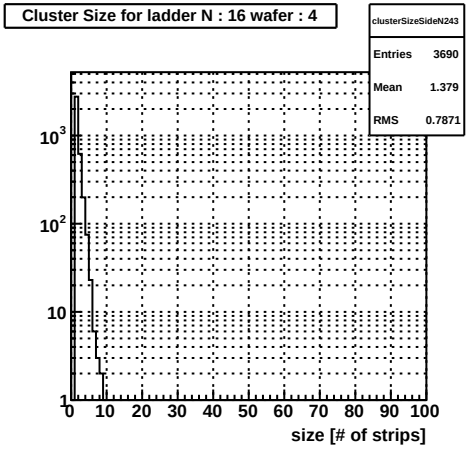

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 960
Mean 1.335
RMS 0.6258
size [# of strips]

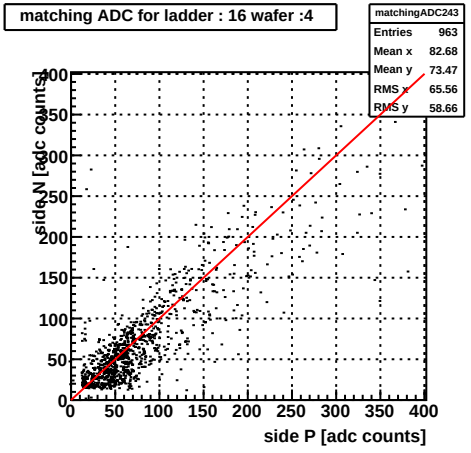

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 663
Mean x 98.38
Mean y 81.89
RMS x 67.68
RMS y 56.95
side N [adc counts]
side P [adc counts]

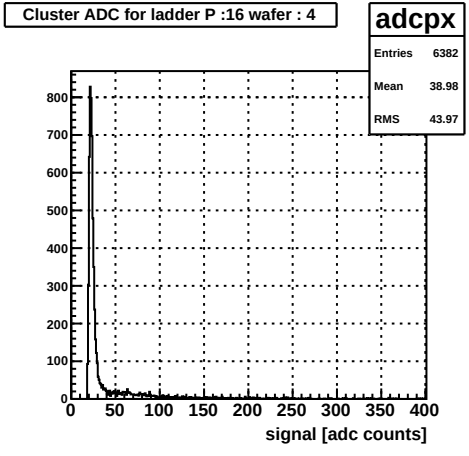

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 14836
Mean 29.14
RMS 28.7
signal [adc counts]

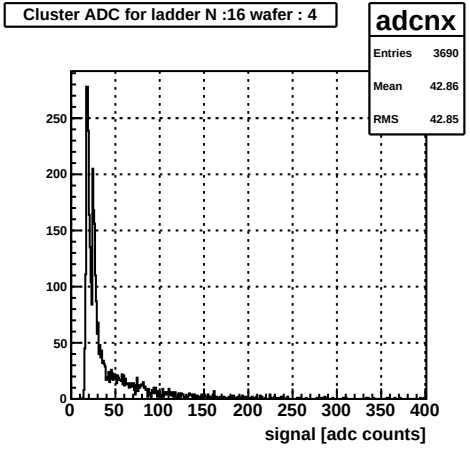

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 960
Mean 79.57
RMS 58.94
signal [adc counts]

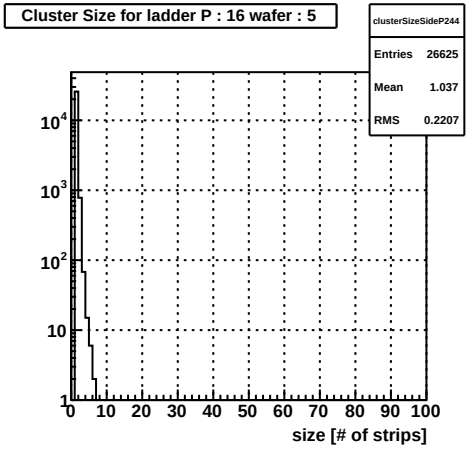

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 6382
Mean 1.124
RMS 0.4295
size [# of strips]

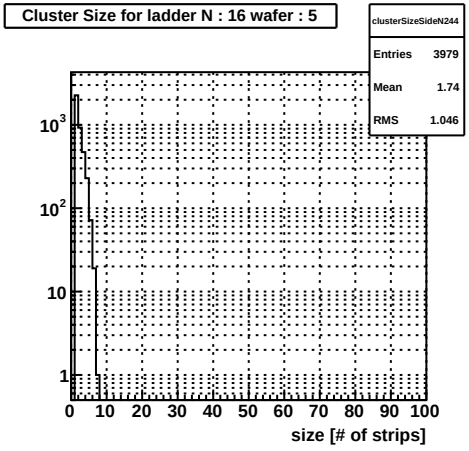

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 3690
Mean 1.379
RMS 0.7871
size [# of strips]

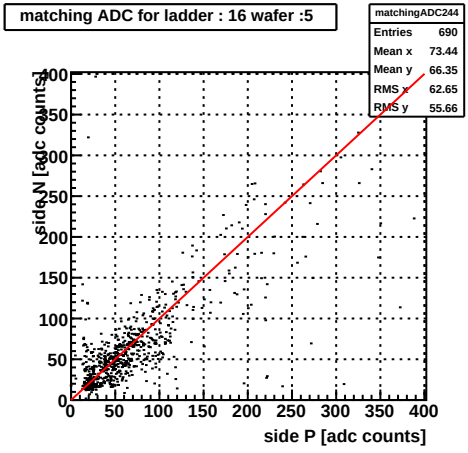

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 963
Mean x 82.68
Mean y 73.47
RMS x 65.56
RMS y 58.66
side N [adc counts]
side P [adc counts]

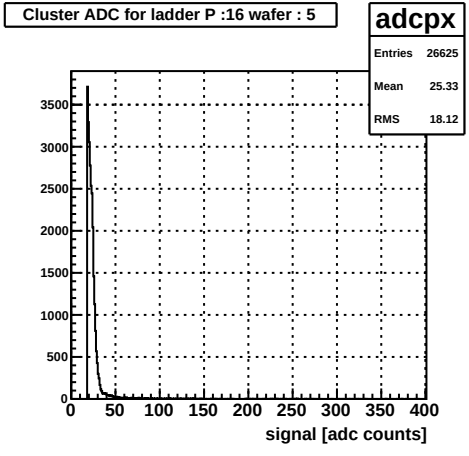

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 6382
Mean 38.98
RMS 43.97
signal [adc counts]

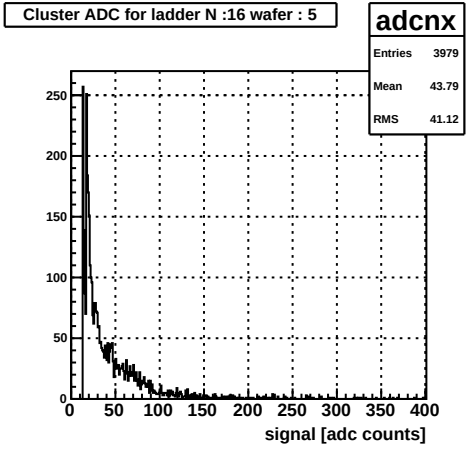

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 3690
Mean 42.86
RMS 42.85
signal [adc counts]

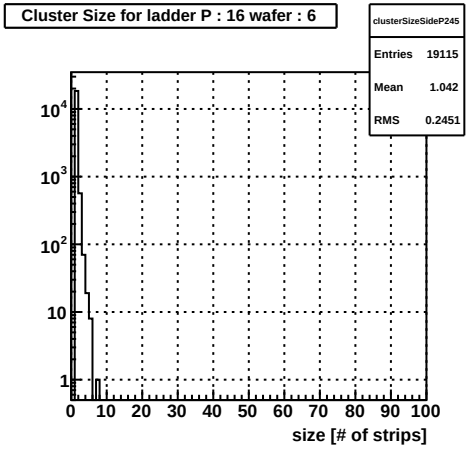

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 26625
Mean 1.037
RMS 0.2207
size [# of strips]

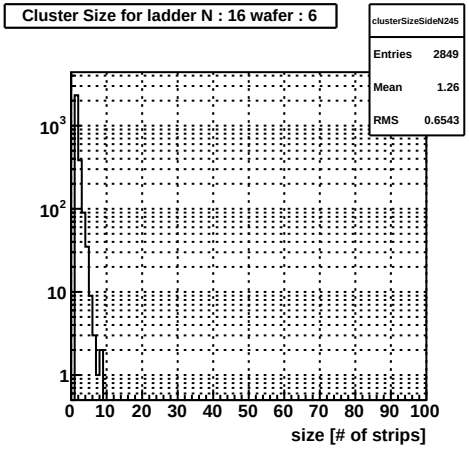

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 3979
Mean 1.74
RMS 1.046
size [# of strips]

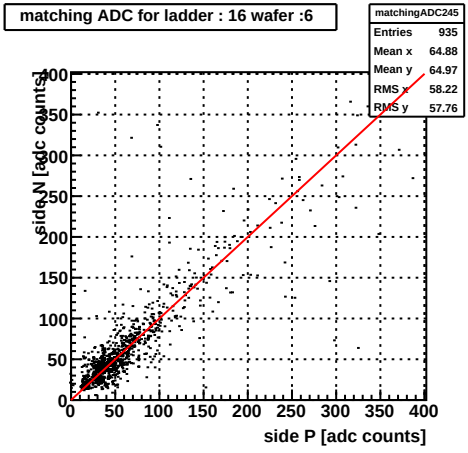

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 690
Mean x 73.44
Mean y 66.35
RMS x 62.65
RMS y 55.66
side N [adc counts]
side P [adc counts]

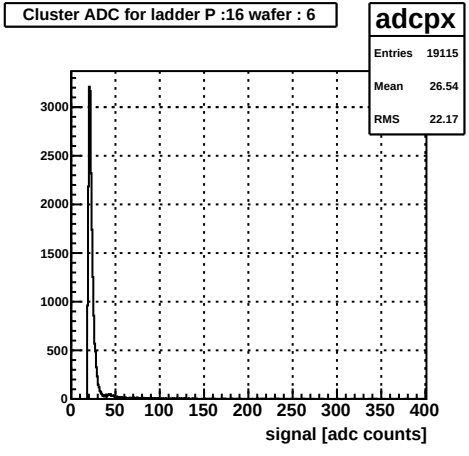

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 26625
Mean 25.33
RMS 18.12
signal [adc counts]

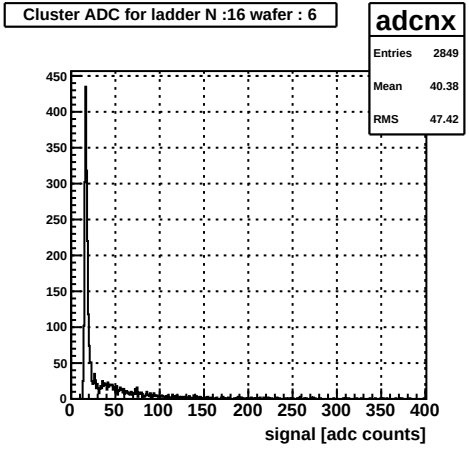

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 3979
Mean 43.79
RMS 41.12
signal [adc counts]

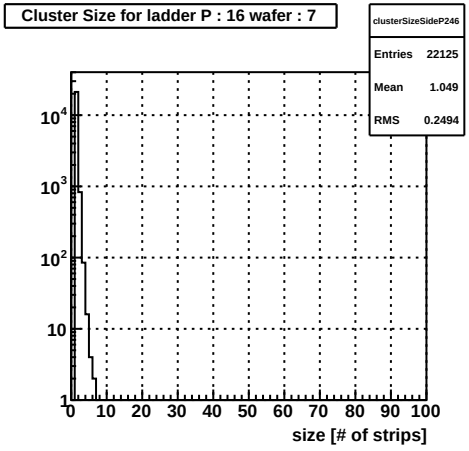

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 19115
Mean 1.042
RMS 0.2451
size [# of strips]

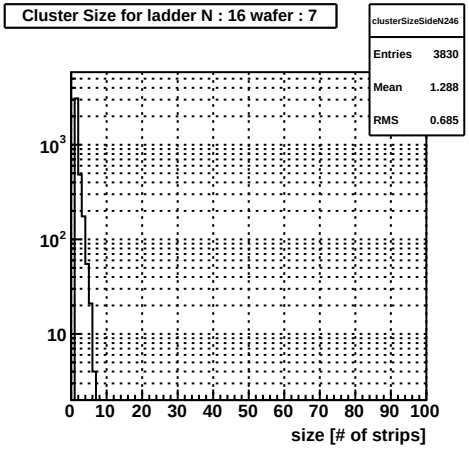

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2849
Mean 1.26
RMS 0.6543
size [# of strips]

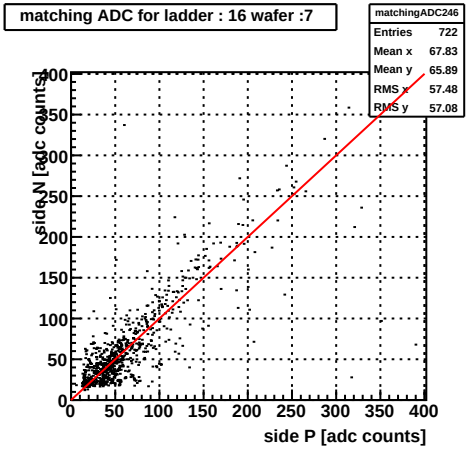

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 935
Mean x 64.88
Mean y 64.97
RMS x 58.22
RMS y 57.76
side N [adc counts]
side P [adc counts]

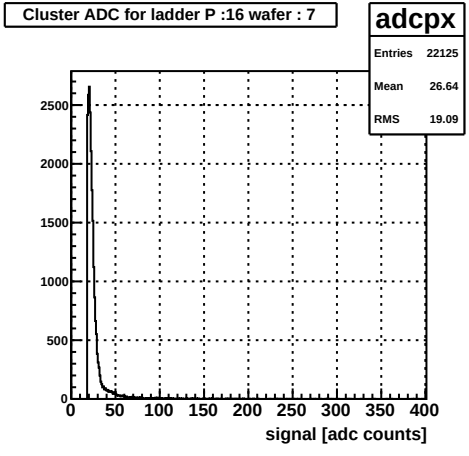

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 19115
Mean 26.54
RMS 22.17
signal [adc counts]

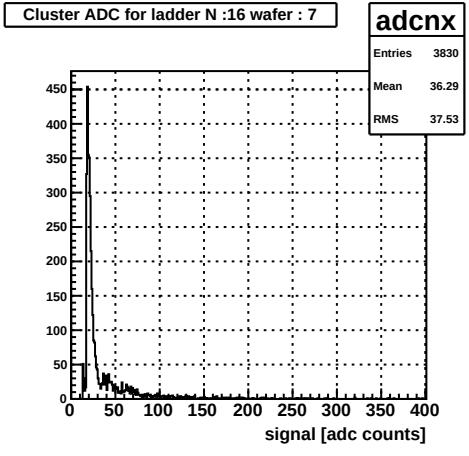

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2849
Mean 40.38
RMS 47.42
signal [adc counts]

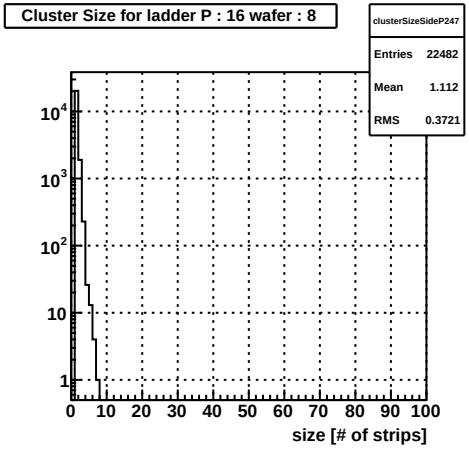

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 22125
Mean 1.049
RMS 0.2494
size [# of strips]

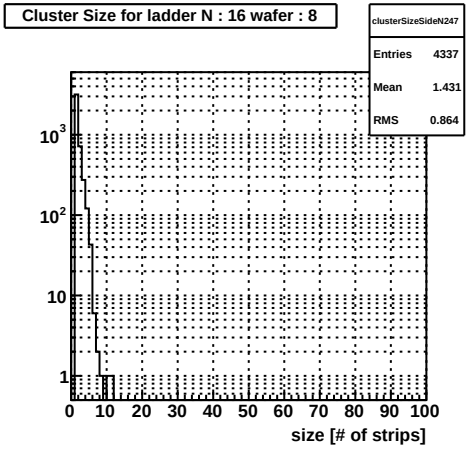

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3830
Mean 1.288
RMS 0.685
size [# of strips]

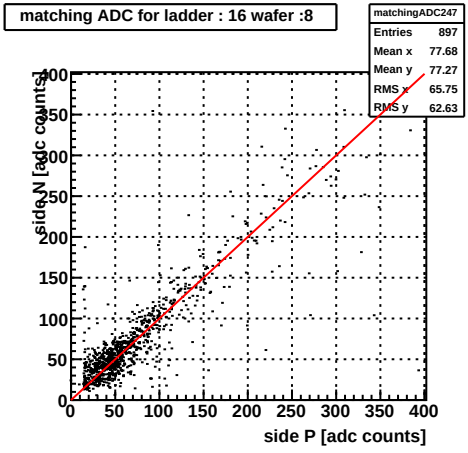

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 722
Mean x 67.83
Mean y 65.89
RMS x 57.48
RMS y 57.08
side N [adc counts]
side P [adc counts]

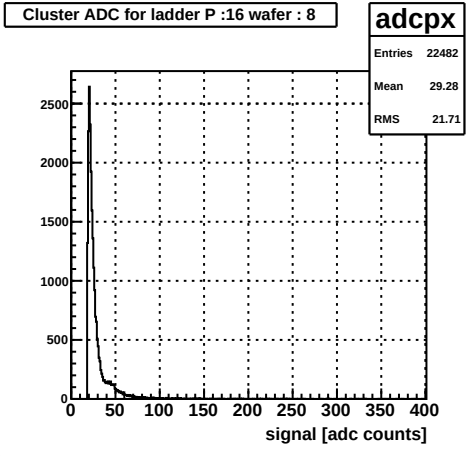

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 22125
Mean 26.64
RMS 19.09
signal [adc counts]

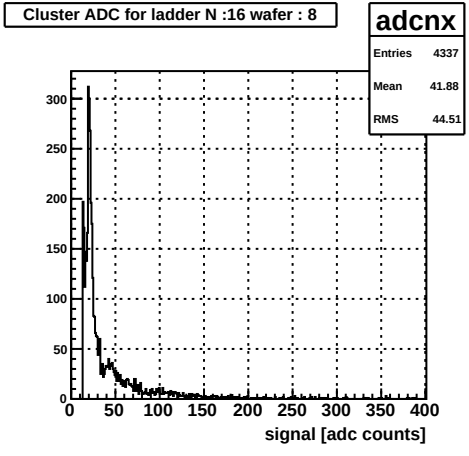

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3830
Mean 36.29
RMS 37.53
signal [adc counts]

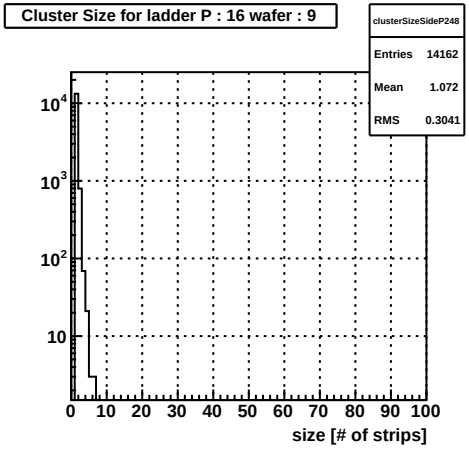

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 22482
Mean 1.112
RMS 0.3721
size [# of strips]

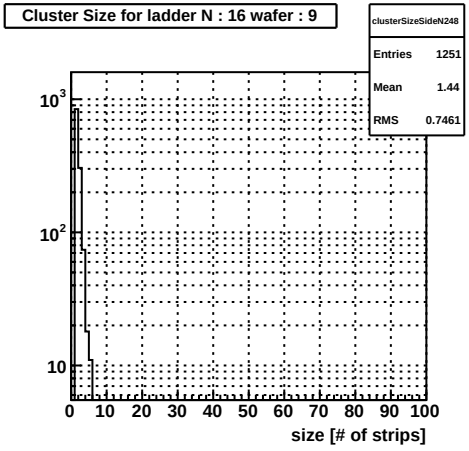

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4337
Mean 1.431
RMS 0.864
size [# of strips]

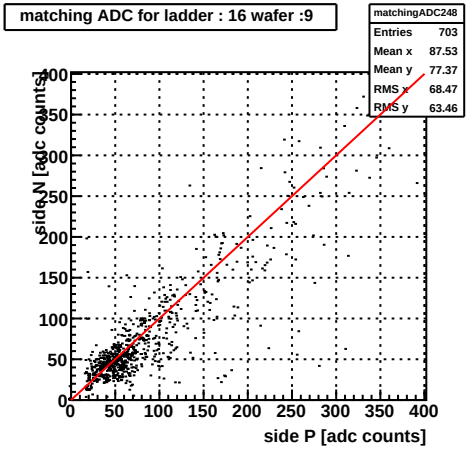

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 897
Mean x 77.68
Mean y 77.27
RMS x 65.75
RMS y 62.63
side N [adc counts]
side P [adc counts]

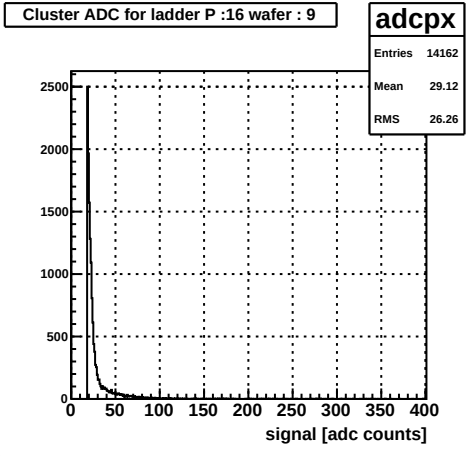

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 22482
Mean 29.28
RMS 21.71
signal [adc counts]

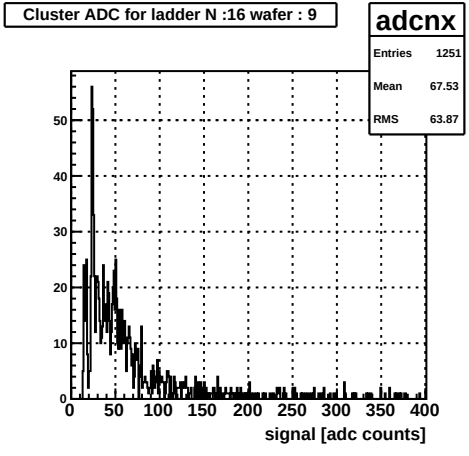

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4337
Mean 41.88
RMS 44.51
signal [adc counts]

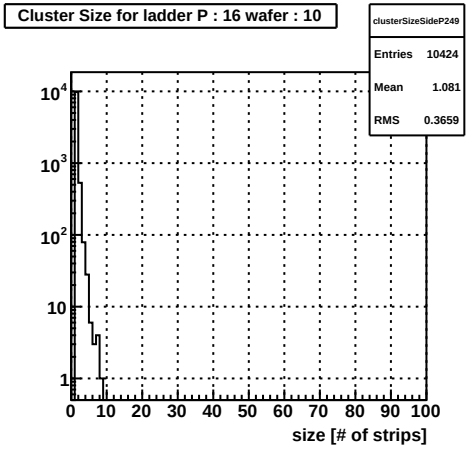

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 14162
Mean 1.072
RMS 0.3041
size [# of strips]

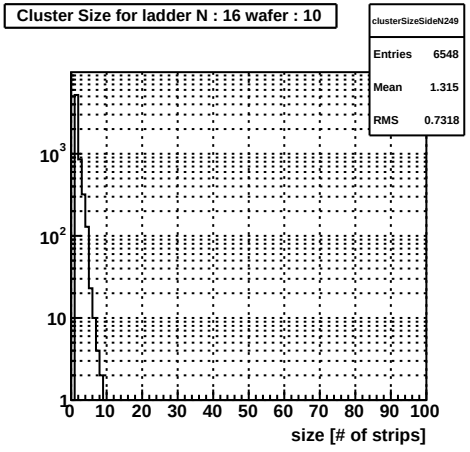

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1251
Mean 1.44
RMS 0.7461
size [# of strips]

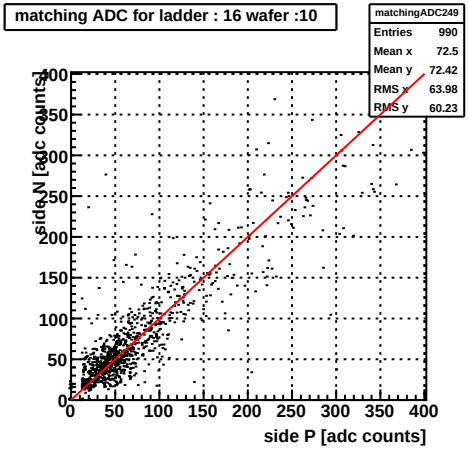

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 703
Mean x 87.53
Mean y 77.37
RMS x 68.47
RMS y 63.46
side N [adc counts]
side P [adc counts]

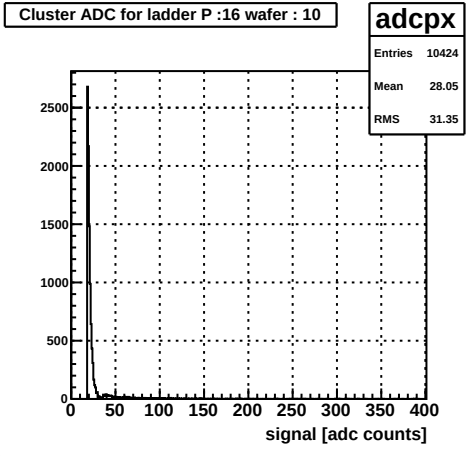

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 14162
Mean 29.12
RMS 26.26
signal [adc counts]

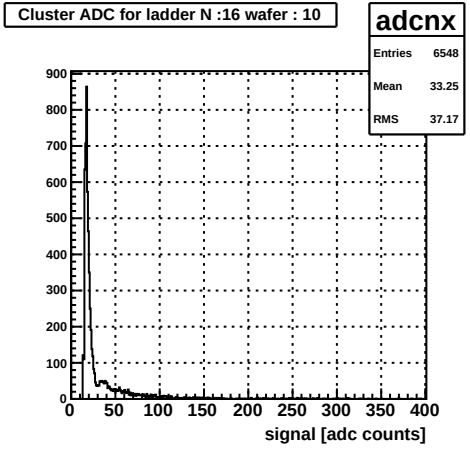

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1251
Mean 67.53
RMS 63.87
signal [adc counts]

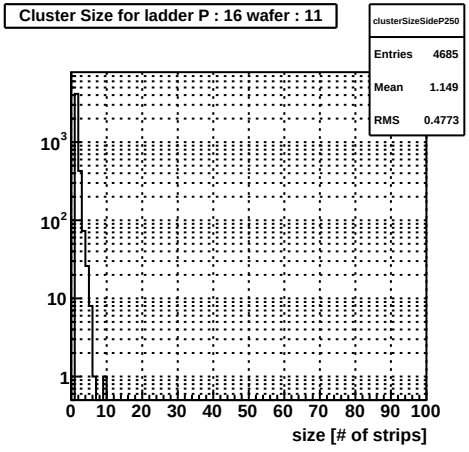

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10424
Mean 1.081
RMS 0.3659
size [# of strips]

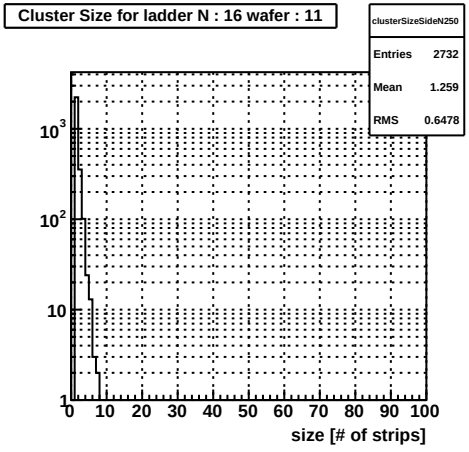

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 6548
Mean 1.315
RMS 0.7318
size [# of strips]

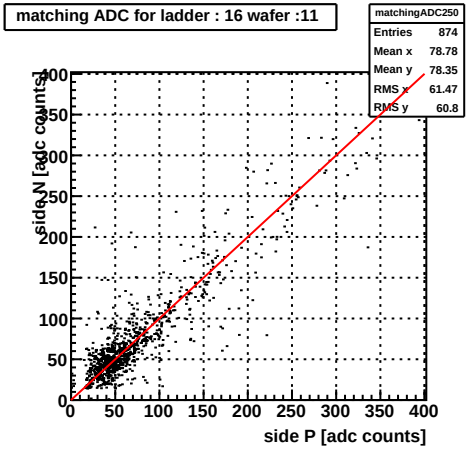

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 990
Mean x 72.5
Mean y 72.42
RMS x 63.98
RMS y 60.23
side N [adc counts]
side P [adc counts]

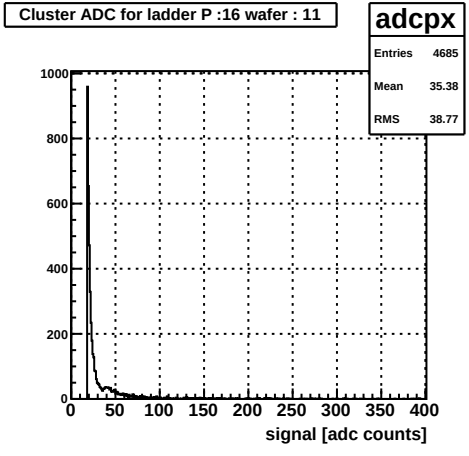

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10424
Mean 28.05
RMS 31.35
signal [adc counts]

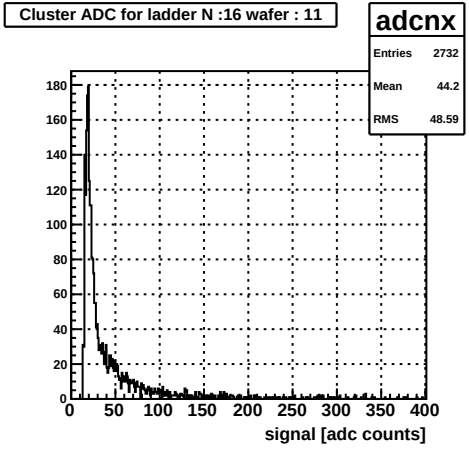

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 6548
Mean 33.25
RMS 37.17
signal [adc counts]

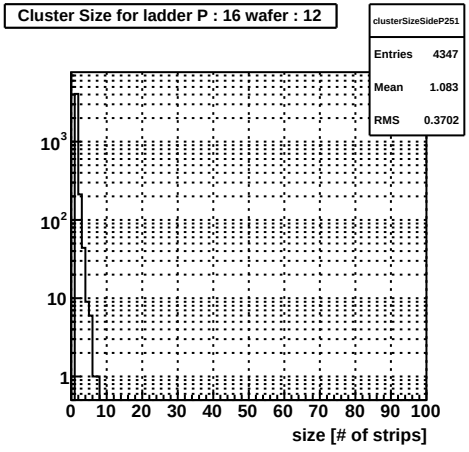

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4685
Mean 1.149
RMS 0.4773
size [# of strips]

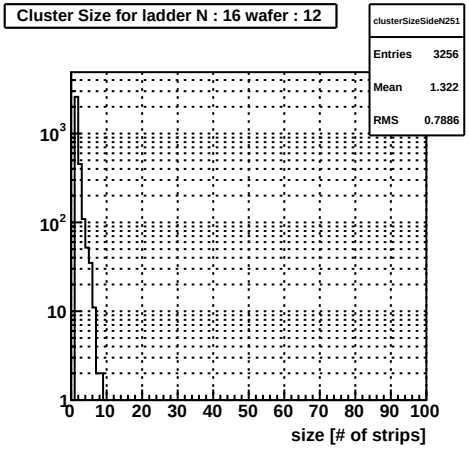

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2732
Mean 1.259
RMS 0.6478
size [# of strips]

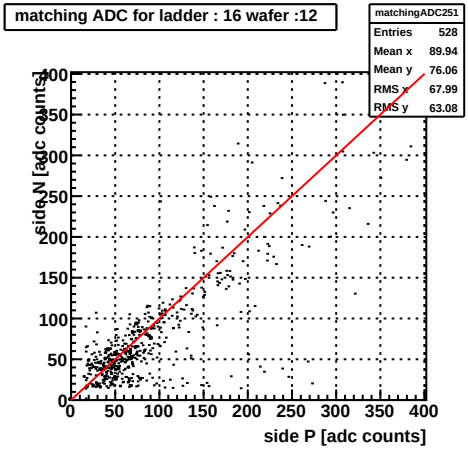

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 874
Mean x 78.78
Mean y 78.35
RMS x 61.47
RMS y 60.8
side N [adc counts]
side P [adc counts]

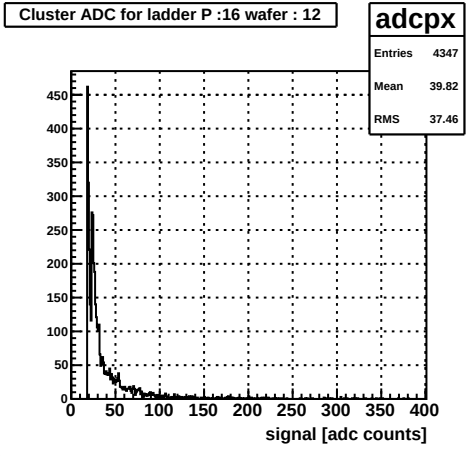

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4685
Mean 35.38
RMS 38.77
signal [adc counts]

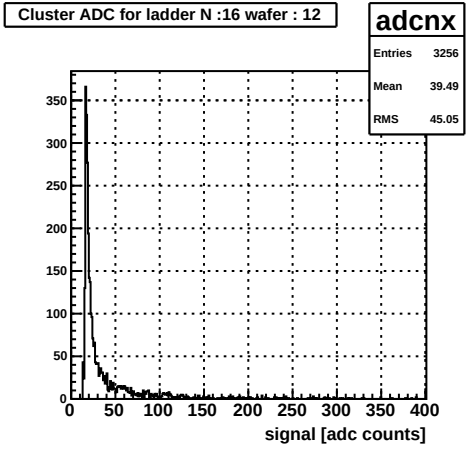

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2732
Mean 44.2
RMS 48.59
signal [adc counts]

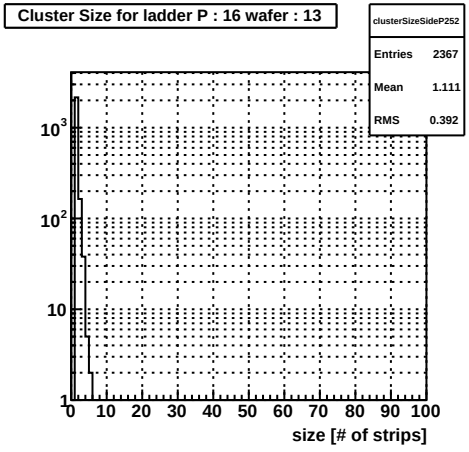

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 4347
Mean 1.083
RMS 0.3702
size [# of strips]

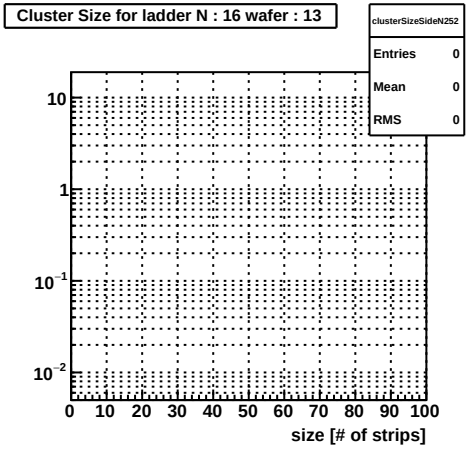

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3256
Mean 1.322
RMS 0.7886
size [# of strips]

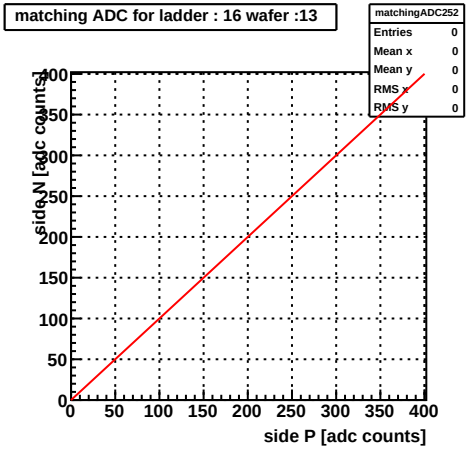

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 528
Mean x 89.94
Mean y 76.06
RMS x 67.99
RMS y 63.08
side N [adc counts]
side P [adc counts]

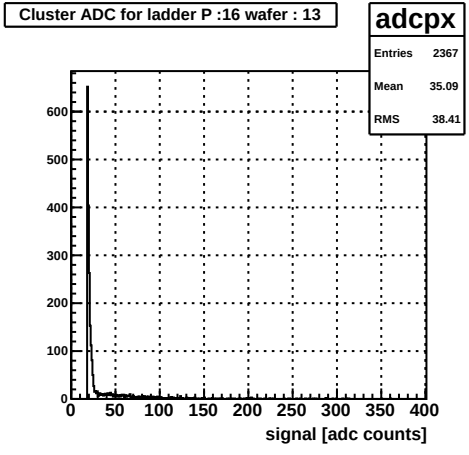

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 4347
Mean 39.82
RMS 37.46
signal [adc counts]

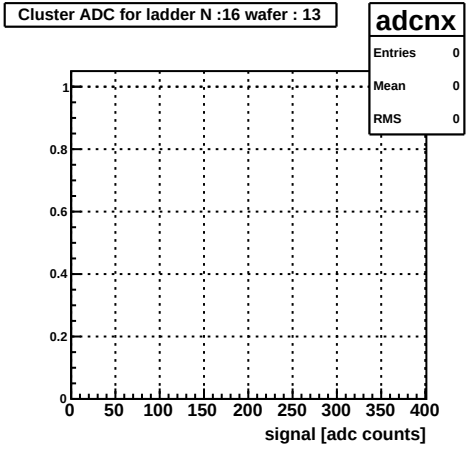

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3256
Mean 39.49
RMS 45.05
signal [adc counts]

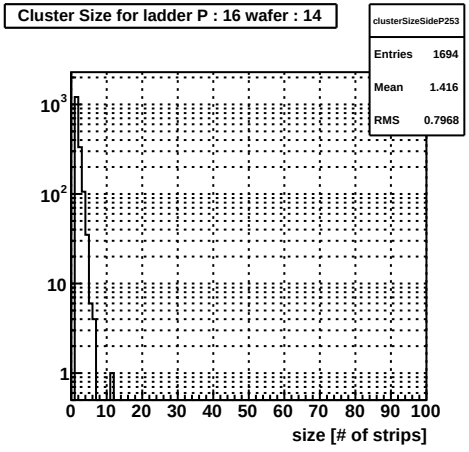

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2367
Mean 1.111
RMS 0.392
size [# of strips]

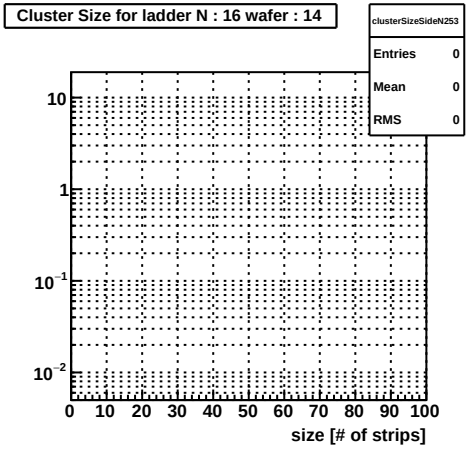

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

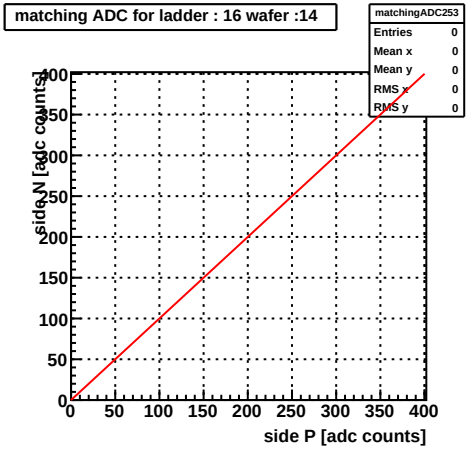

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

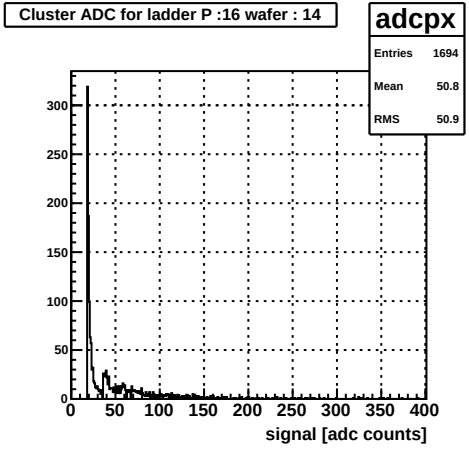

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2367
Mean 35.09
RMS 38.41
signal [adc counts]

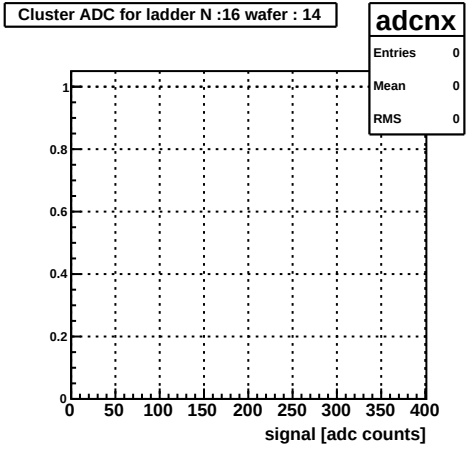

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

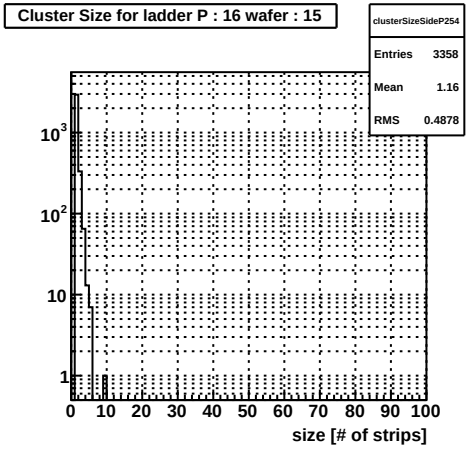

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1694
Mean 1.416
RMS 0.7968
size [# of strips]

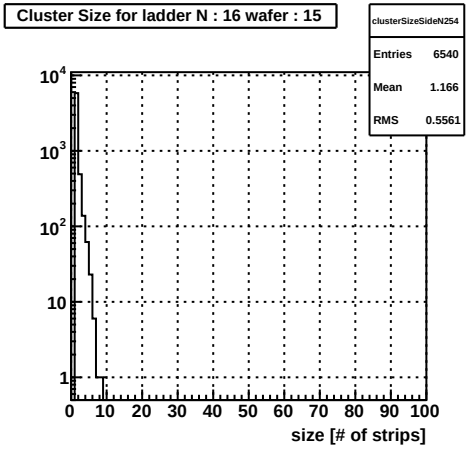

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

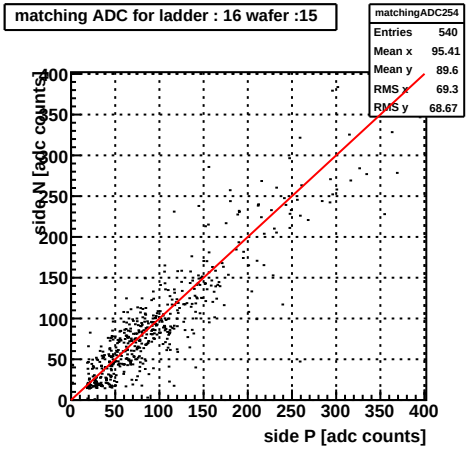

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

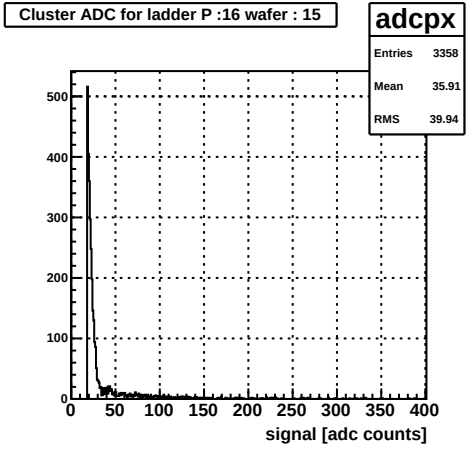

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1694
Mean 50.8
RMS 50.9
signal [adc counts]

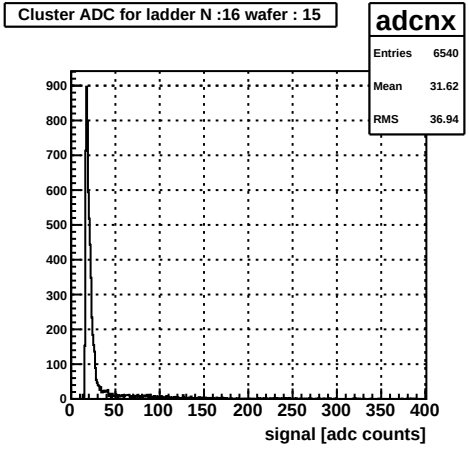

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

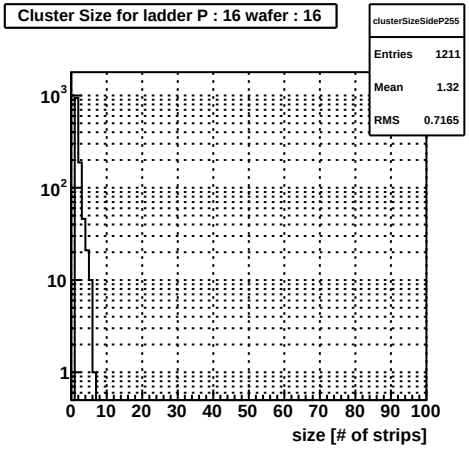

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3358
Mean 1.16
RMS 0.4878
size [# of strips]

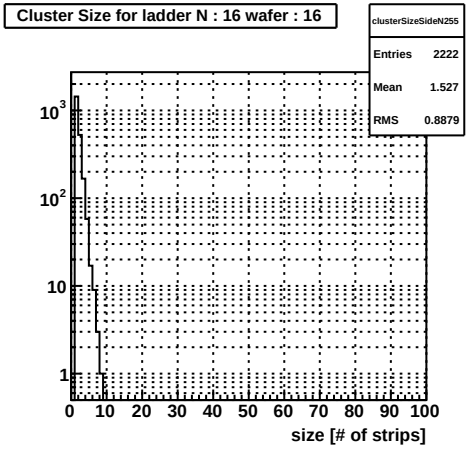

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 6540
Mean 1.166
RMS 0.5561
size [# of strips]

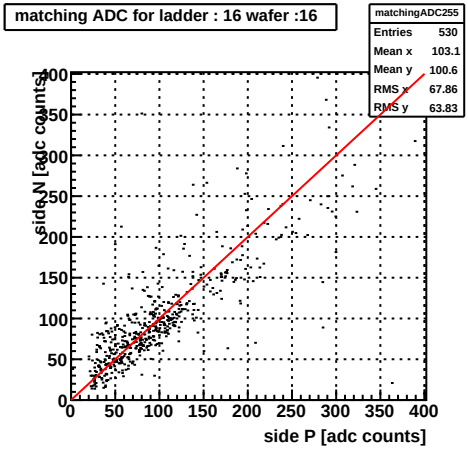

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 540
Mean x 95.41
Mean y 89.6
RMS x 69.3
RMS y 68.67
side N [adc counts]
side P [adc counts]

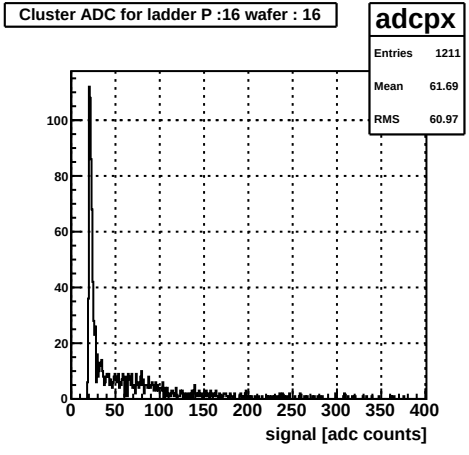

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3358
Mean 35.91
RMS 39.94
signal [adc counts]

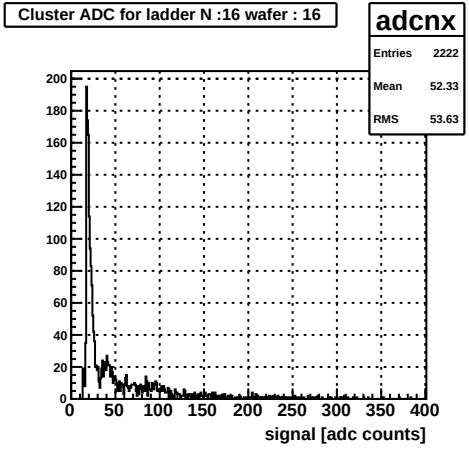

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 6540
Mean 31.62
RMS 36.94
signal [adc counts]

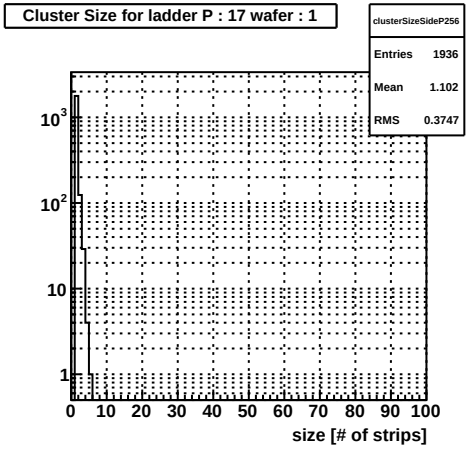

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1211
Mean 1.32
RMS 0.7165
size [# of strips]

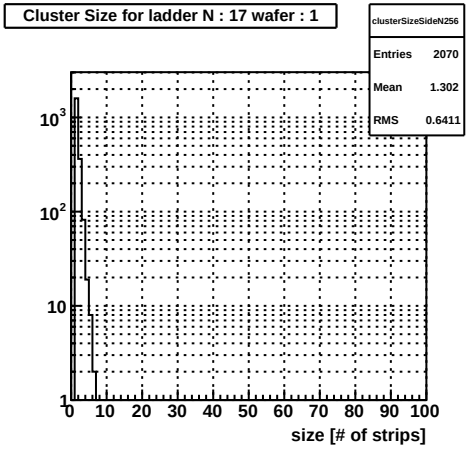

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2222
Mean 1.527
RMS 0.8879
size [# of strips]

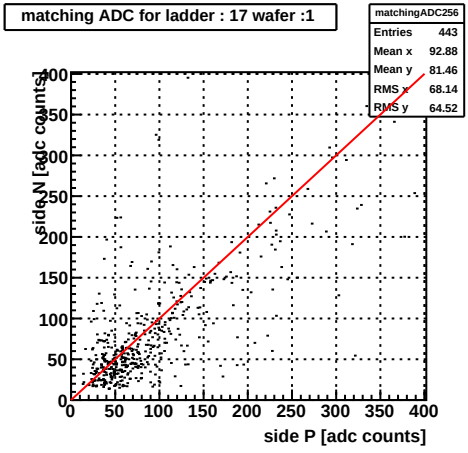

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 530
Mean x 103.1
Mean y 100.6
RMS x 67.86
RMS y 63.83
side N [adc counts]
side P [adc counts]

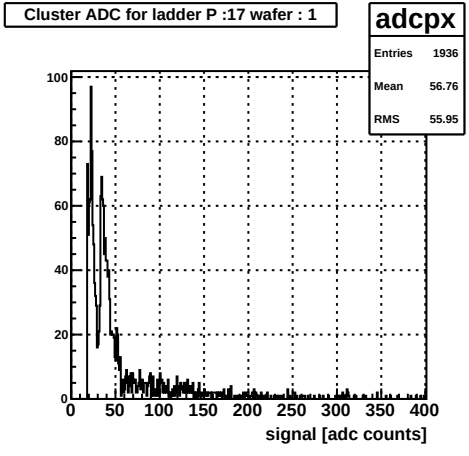

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1211
Mean 61.69
RMS 60.97
signal [adc counts]

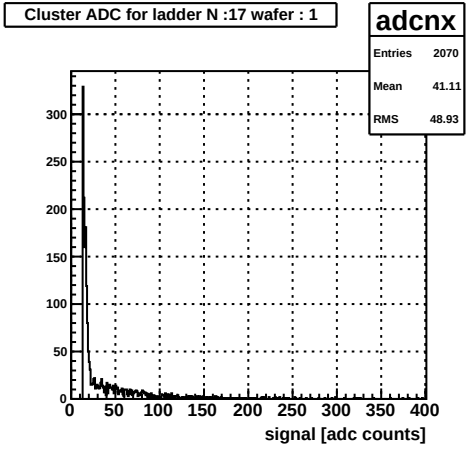

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2222
Mean 52.33
RMS 53.63
signal [adc counts]

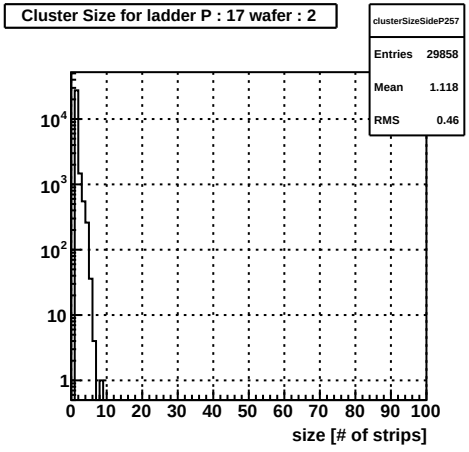

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1936
Mean 1.102
RMS 0.3747
size [# of strips]

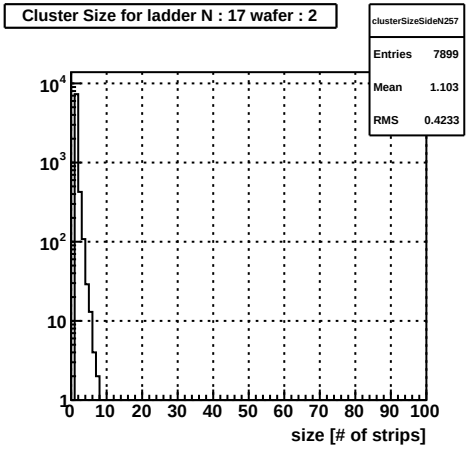

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2070
Mean 1.302
RMS 0.6411
size [# of strips]

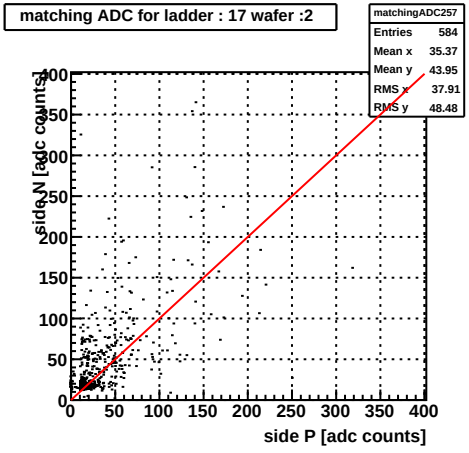

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 443
Mean x 92.88
Mean y 81.46
RMS x 68.14
RMS y 64.52
side N [adc counts]
side P [adc counts]

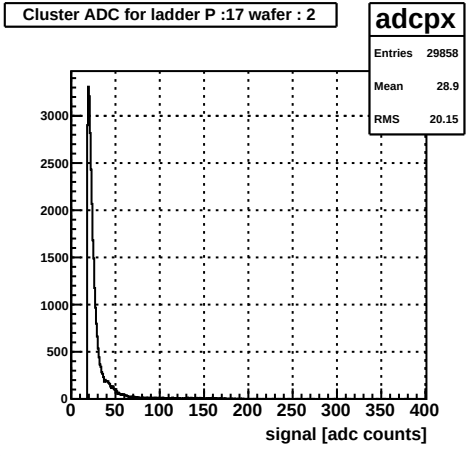

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1936
Mean 56.76
RMS 55.95
signal [adc counts]

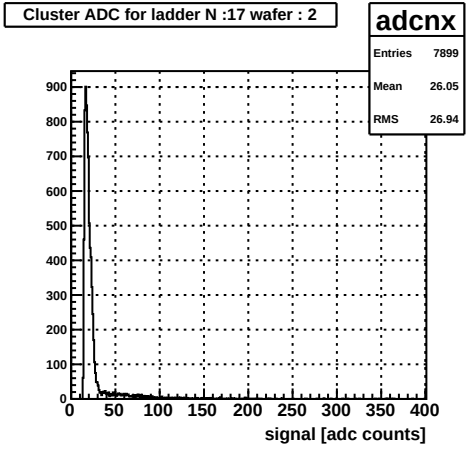

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2070
Mean 41.11
RMS 48.93
signal [adc counts]

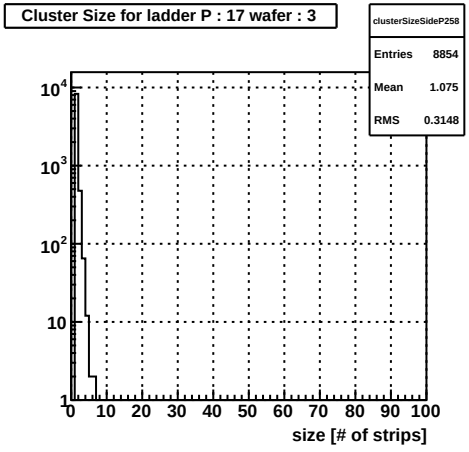

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 29858
Mean 1.118
RMS 0.46
size [# of strips]

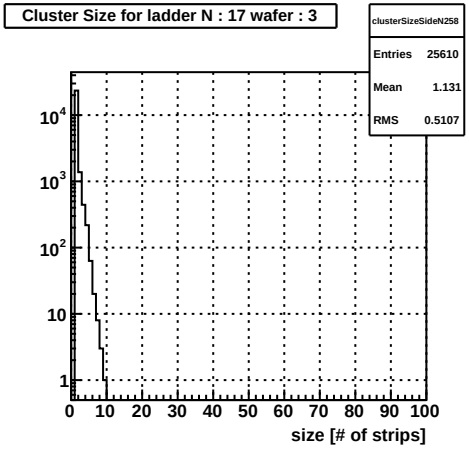

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 7899
Mean 1.103
RMS 0.4233
size [# of strips]

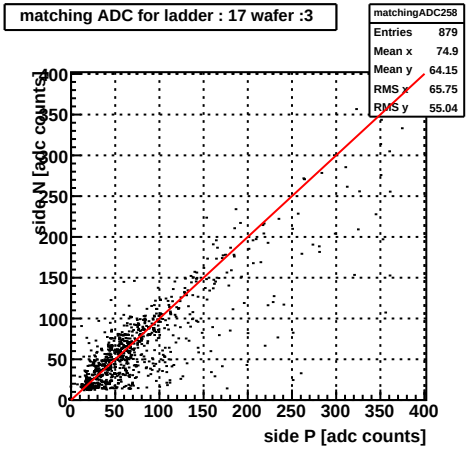

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 584
Mean x 35.37
Mean y 43.95
RMS x 37.91
RMS y 48.48
side N [adc counts]
side P [adc counts]

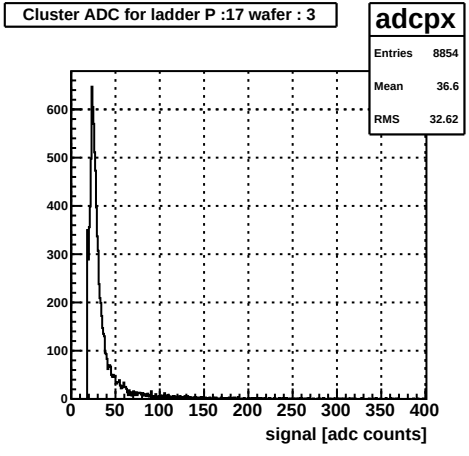

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 29858
Mean 28.9
RMS 20.15
signal [adc counts]

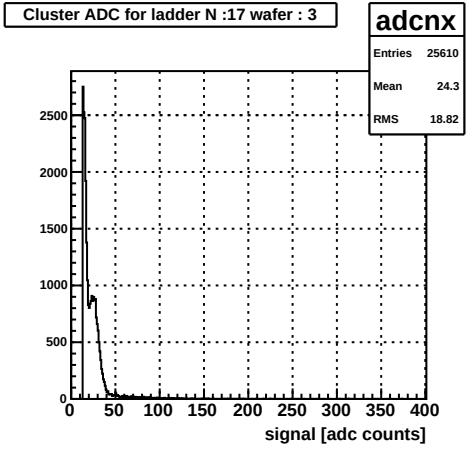

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 7899
Mean 26.05
RMS 26.94
signal [adc counts]

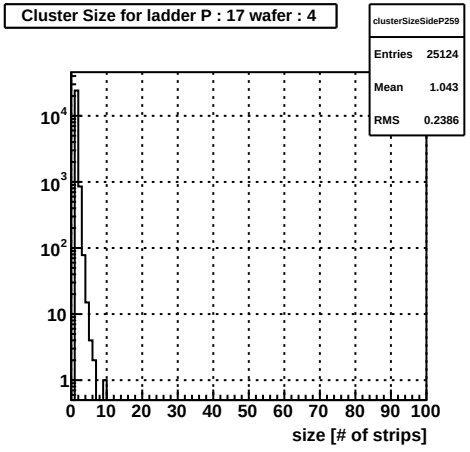

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 8854
Mean 1.075
RMS 0.3148
size [# of strips]

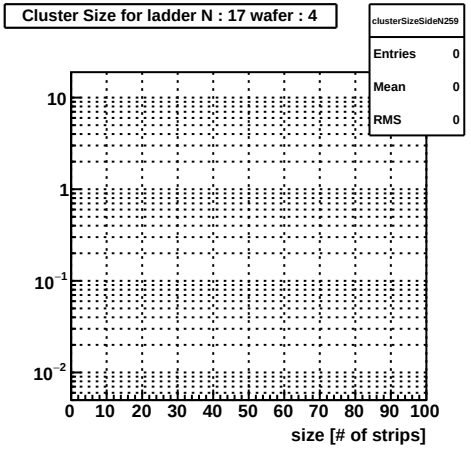

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 25610
Mean 1.131
RMS 0.5107
size [# of strips]

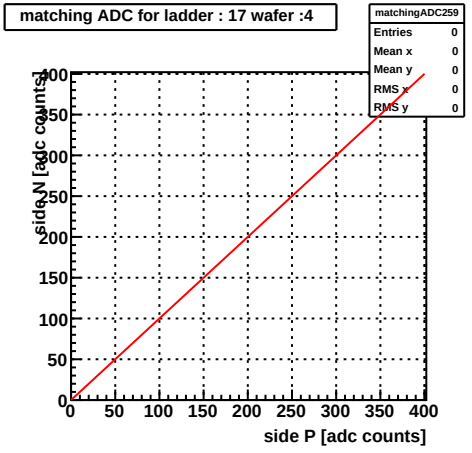

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 879
Mean x 74.9
Mean y 64.15
RMS x 65.75
RMS y 55.04
side N [adc counts]
side P [adc counts]

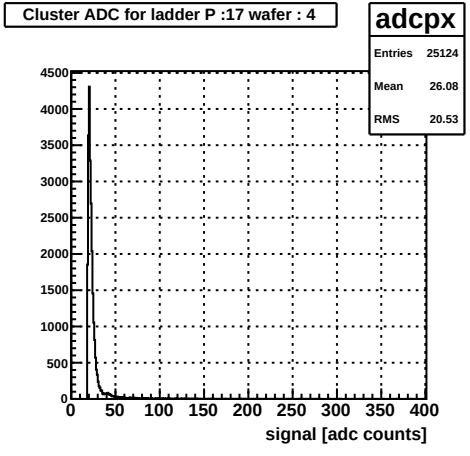

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 8854
Mean 36.6
RMS 32.62
signal [adc counts]

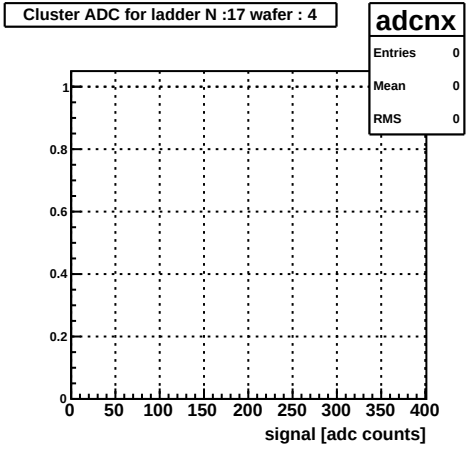

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 25610
Mean 24.3
RMS 18.82
signal [adc counts]

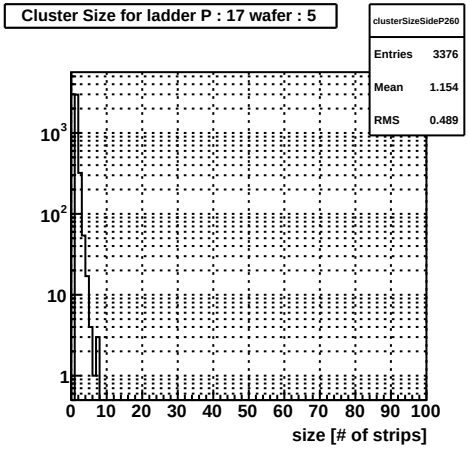

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 25124
Mean 1.043
RMS 0.2386
size [# of strips]

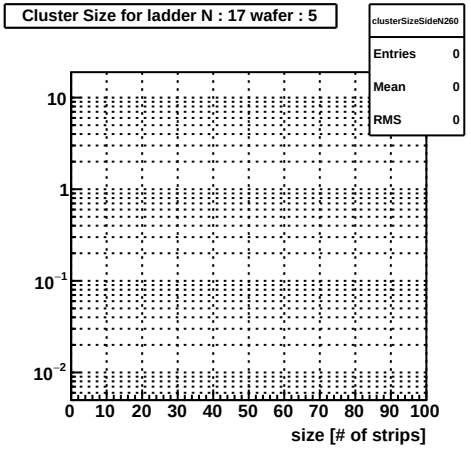

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

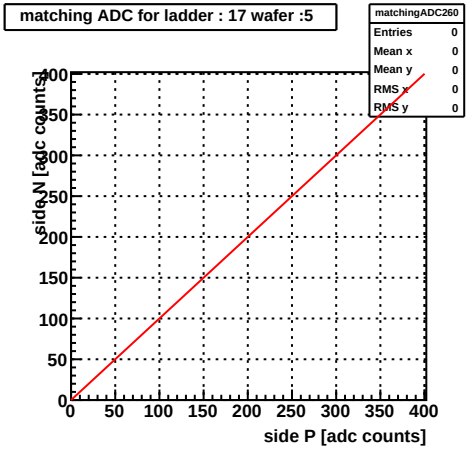

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

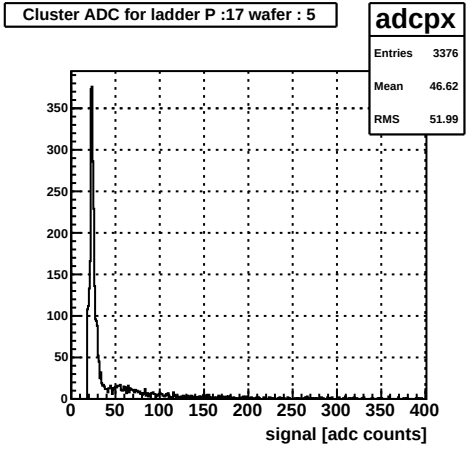

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 25124
Mean 26.08
RMS 20.53
signal [adc counts]

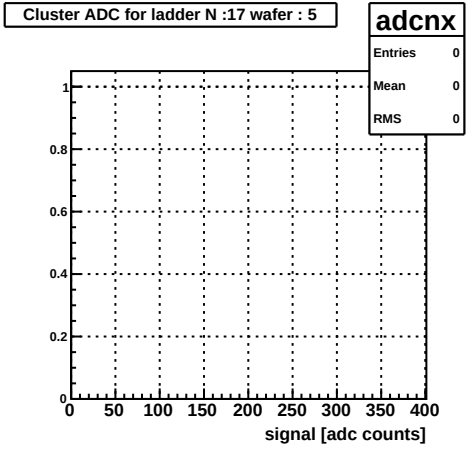

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

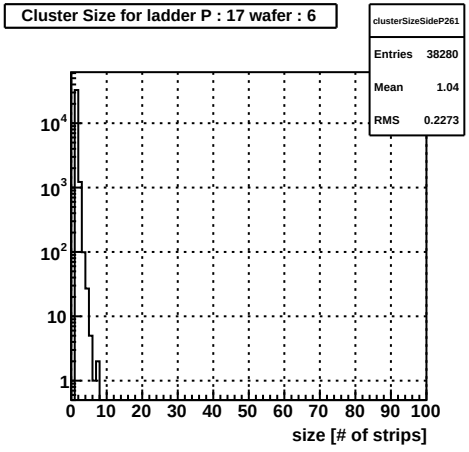

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3376
Mean 1.154
RMS 0.489
size [# of strips]

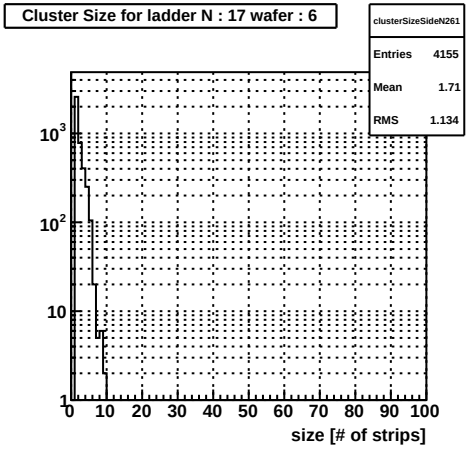

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

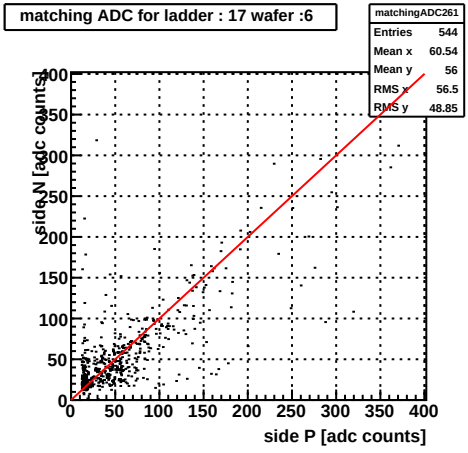

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

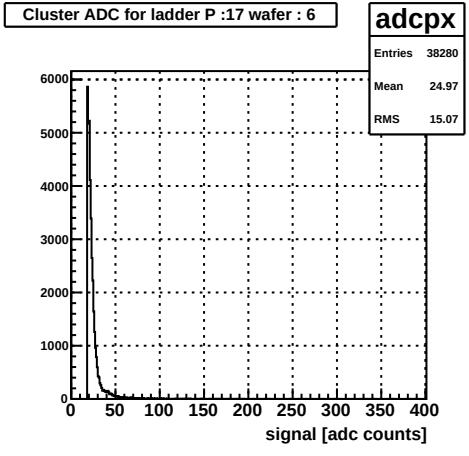

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3376
Mean 46.62
RMS 51.99
signal [adc counts]

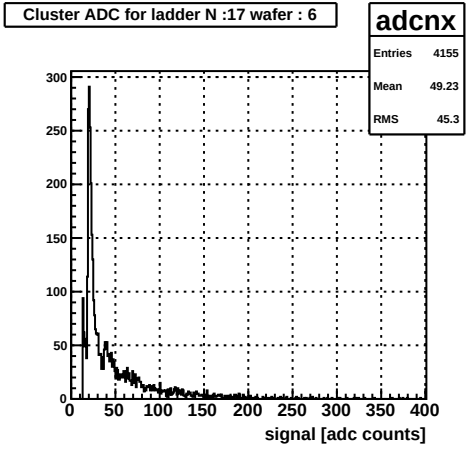

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

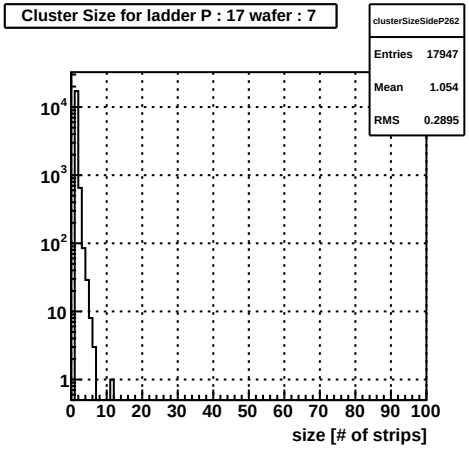

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 38280
Mean 1.04
RMS 0.2273
size [# of strips]

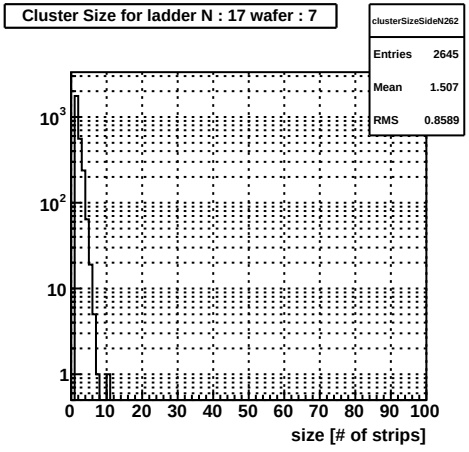

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 4155
Mean 1.71
RMS 1.134
size [# of strips]

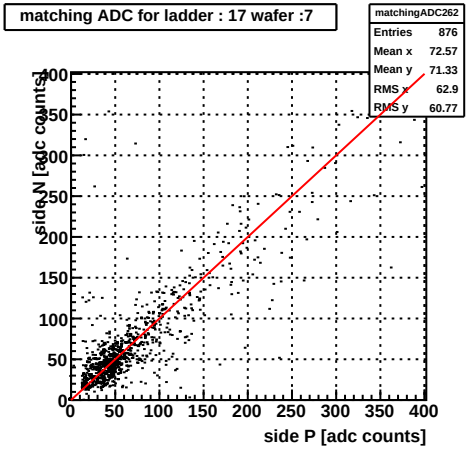

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 544
Mean x 60.54
Mean y 56
RMS x 56.5
RMS y 48.85
side N [adc counts]
side P [adc counts]

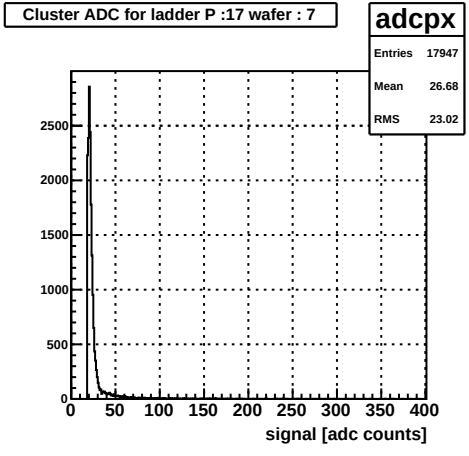

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 38280
Mean 24.97
RMS 15.07
signal [adc counts]

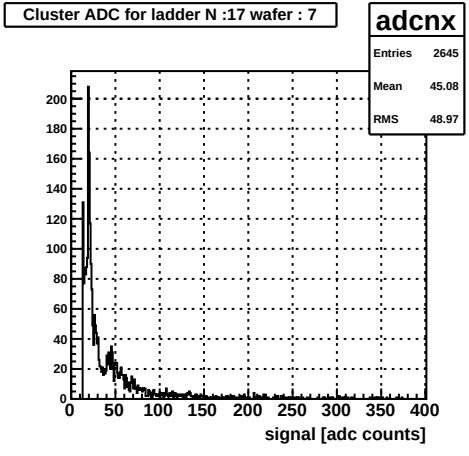

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 4155
Mean 49.23
RMS 45.3
signal [adc counts]

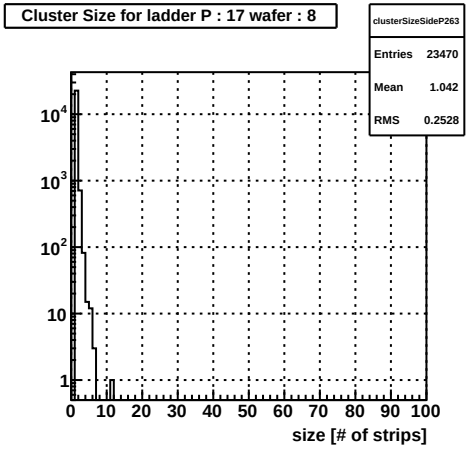

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 17947
Mean 1.054
RMS 0.2895
size [# of strips]

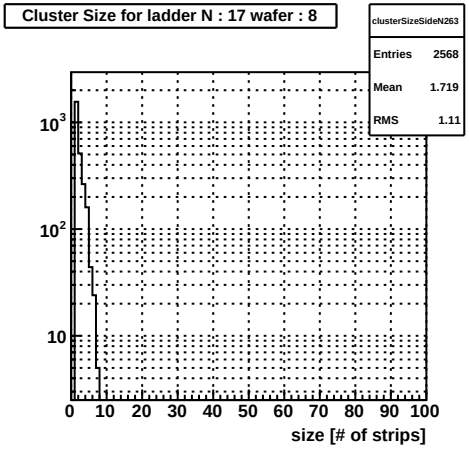

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2645
Mean 1.507
RMS 0.8589
size [# of strips]

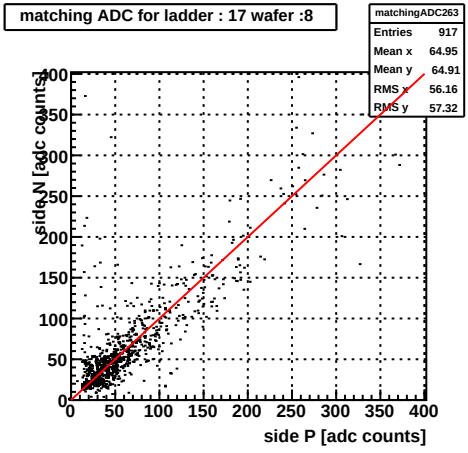

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 876
Mean x 72.57
Mean y 71.33
RMS x 62.9
RMS y 60.77
side N [adc counts]
side P [adc counts]

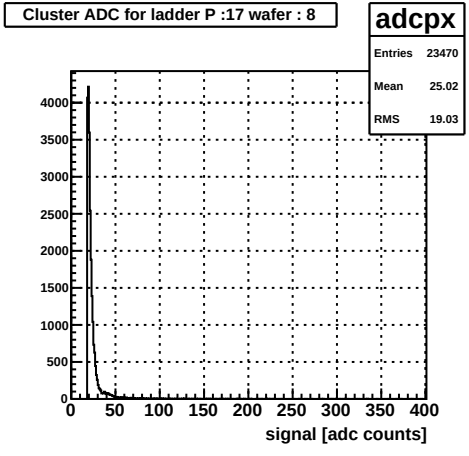

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 17947
Mean 26.68
RMS 23.02
signal [adc counts]

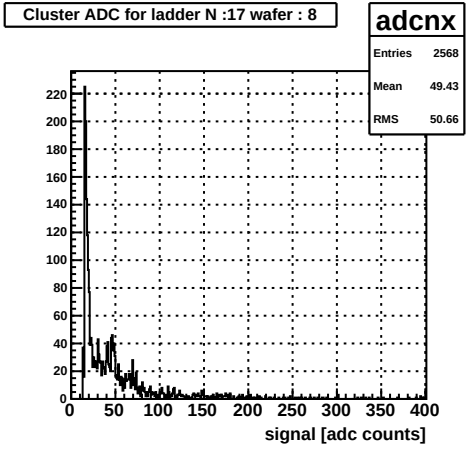

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2645
Mean 45.08
RMS 48.97
signal [adc counts]

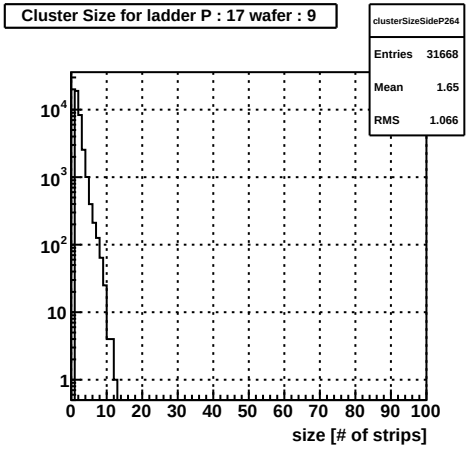

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 23470
Mean 1.042
RMS 0.2528
size [# of strips]

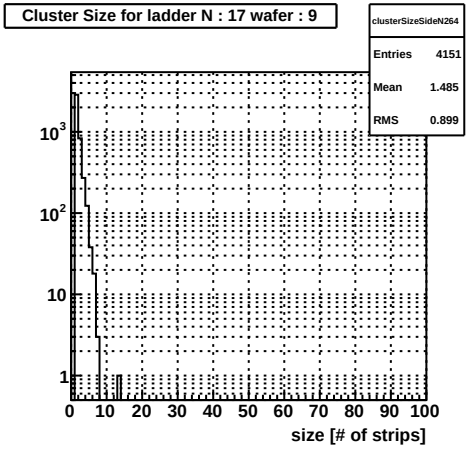

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2568
Mean 1.719
RMS 1.11
size [# of strips]

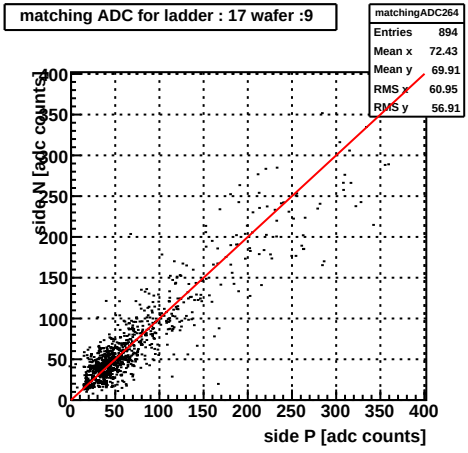

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 917
Mean x 64.95
Mean y 64.91
RMS x 56.16
RMS y 57.32
side N [adc counts]
side P [adc counts]

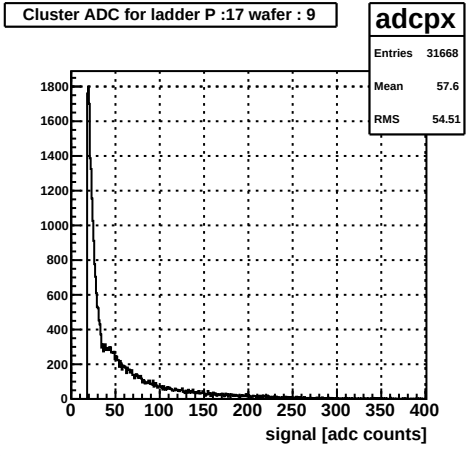

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 23470
Mean 25.02
RMS 19.03
signal [adc counts]

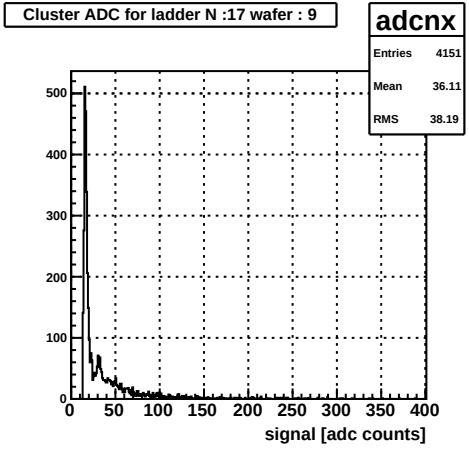

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2568
Mean 49.43
RMS 50.66
signal [adc counts]

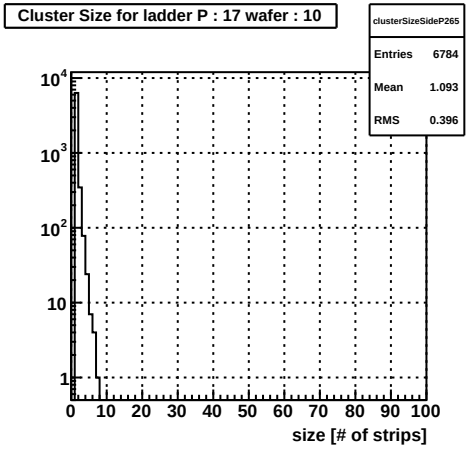

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 31668
Mean 1.65
RMS 1.066
size [# of strips]

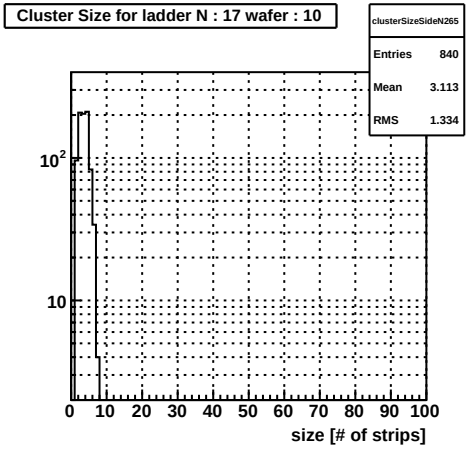

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4151
Mean 1.485
RMS 0.899
size [# of strips]

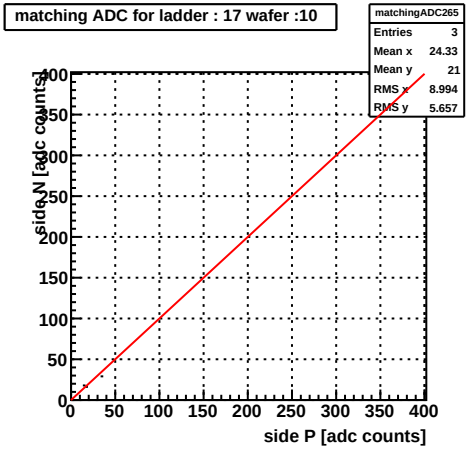

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 894
Mean x 72.43
Mean y 69.91
RMS x 60.95
RMS y 56.91
side N [adc counts]
side P [adc counts]

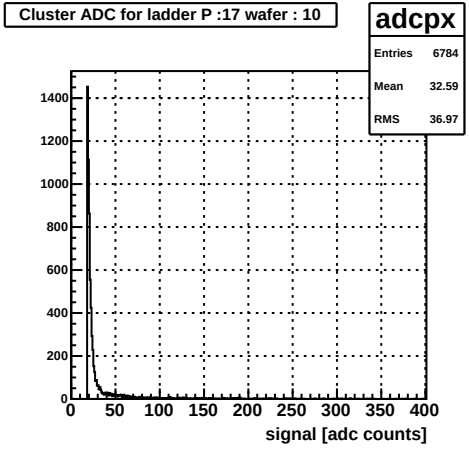

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 31668
Mean 57.6
RMS 54.51
signal [adc counts]

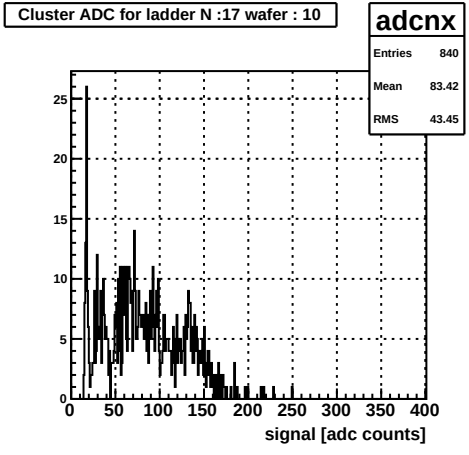

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4151
Mean 36.11
RMS 38.19
signal [adc counts]

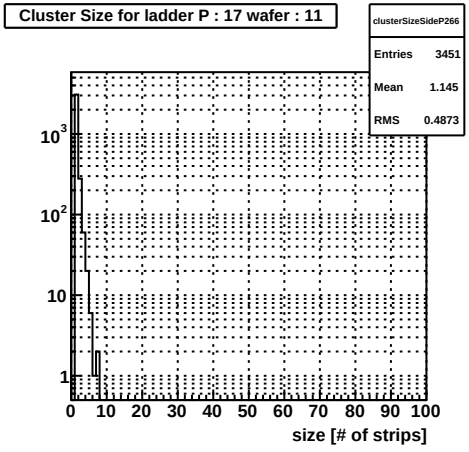

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 6784
Mean 1.093
RMS 0.396
size [# of strips]

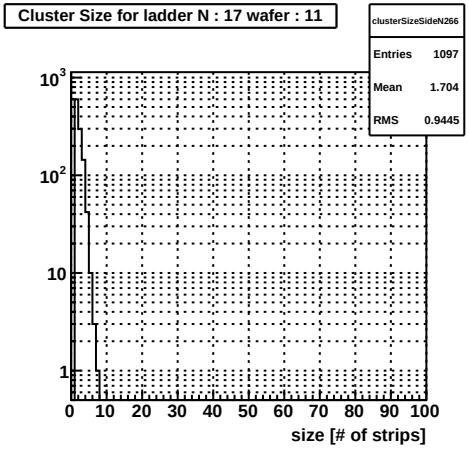

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 840
Mean 3.113
RMS 1.334
size [# of strips]

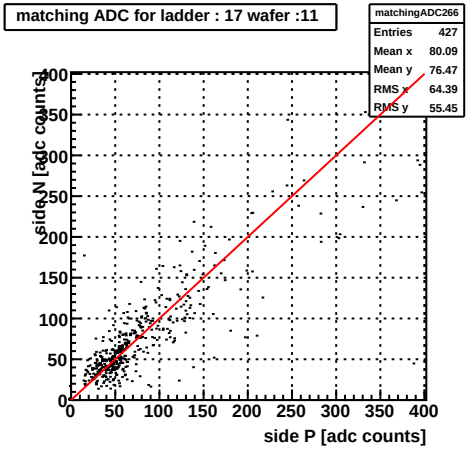

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 3
Mean x 24.33
Mean y 21
RMS x 8.994
RMS y 5.657
side N [adc counts]
side P [adc counts]

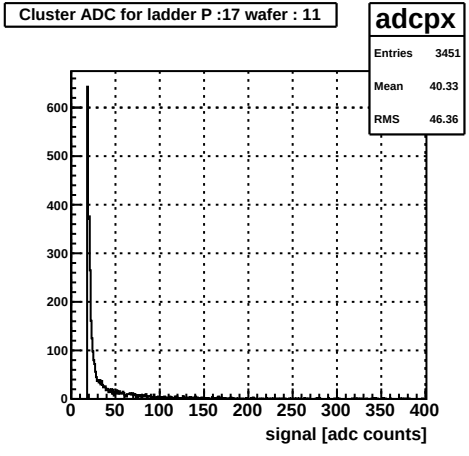

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 6784
Mean 32.59
RMS 36.97
signal [adc counts]

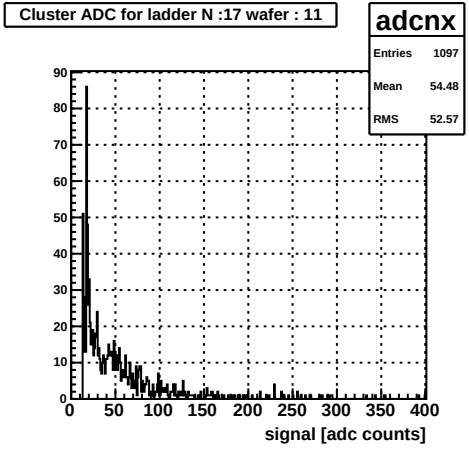

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 840
Mean 83.42
RMS 43.45
signal [adc counts]

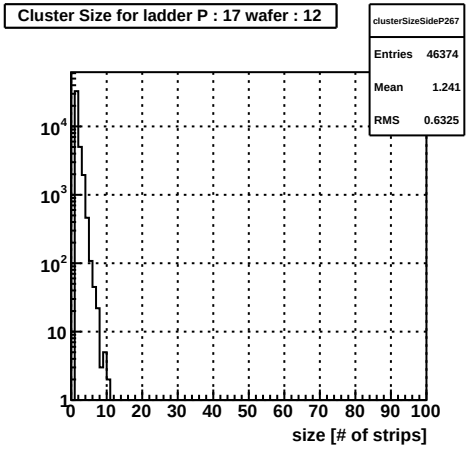

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3451
Mean 1.145
RMS 0.4873
size [# of strips]

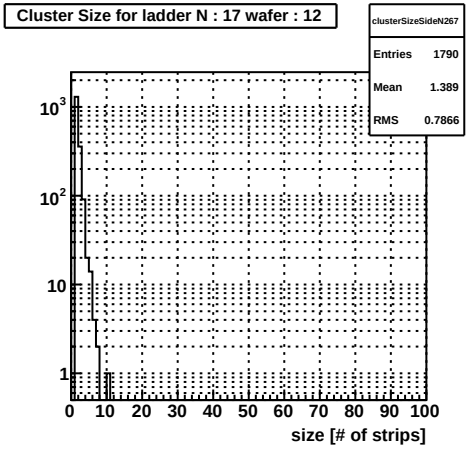

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1097
Mean 1.704
RMS 0.9445
size [# of strips]

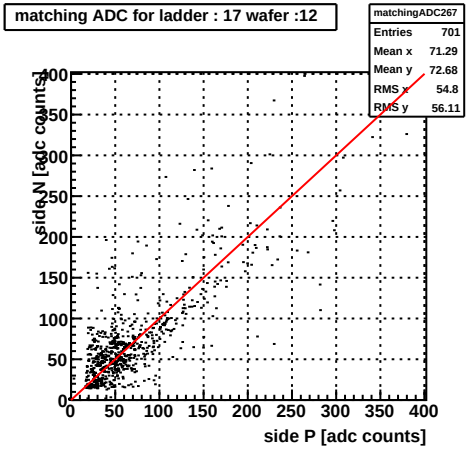

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 427
Mean x 80.09
Mean y 76.47
RMS x 64.39
RMS y 55.45
side N [adc counts]
side P [adc counts]

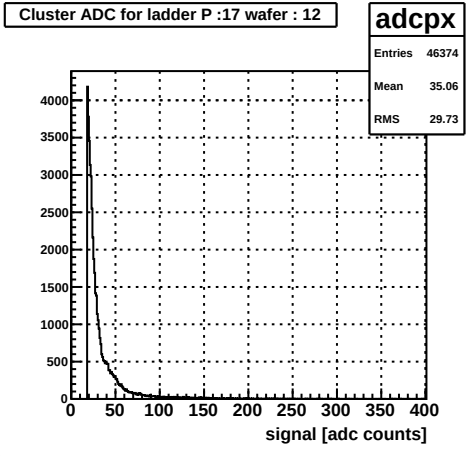

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3451
Mean 40.33
RMS 46.36
signal [adc counts]

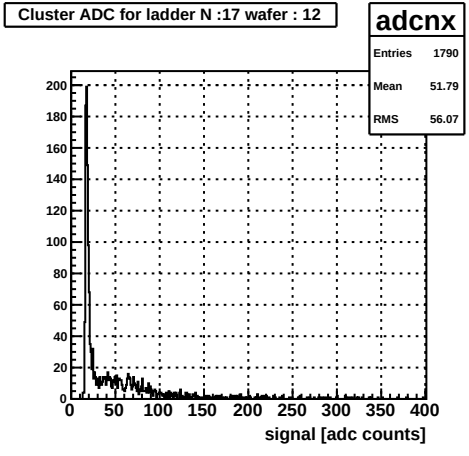

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1097
Mean 54.48
RMS 52.57
signal [adc counts]

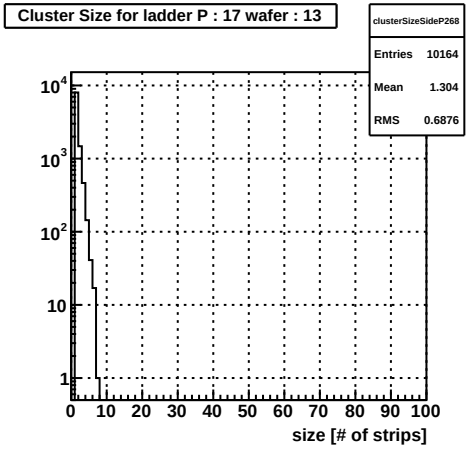

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 46374
Mean 1.241
RMS 0.6325
size [# of strips]

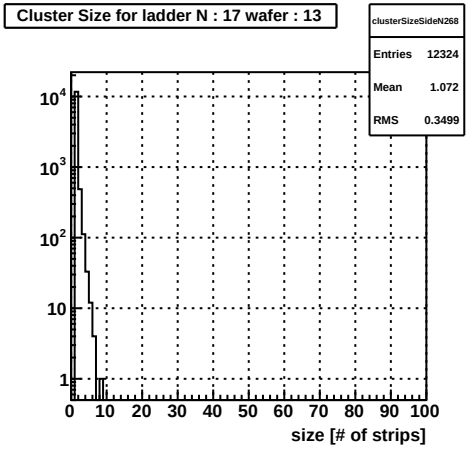

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1790
Mean 1.389
RMS 0.7866
size [# of strips]

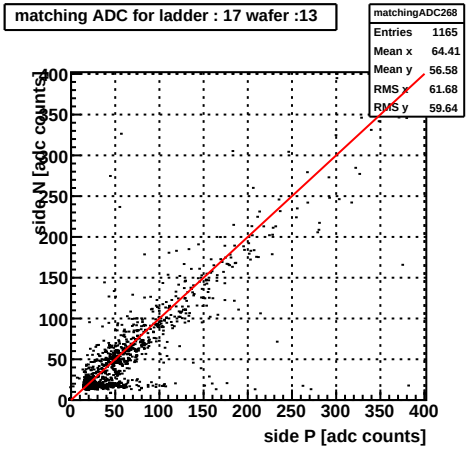

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 701
Mean x 71.29
Mean y 72.68
RMS x 54.8
RMS y 56.11
side N [adc counts]
side P [adc counts]

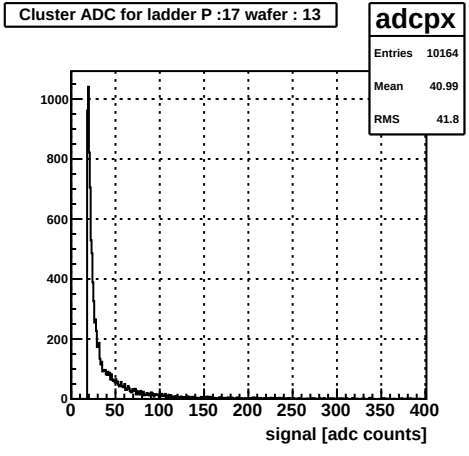

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 46374
Mean 35.06
RMS 29.73
signal [adc counts]

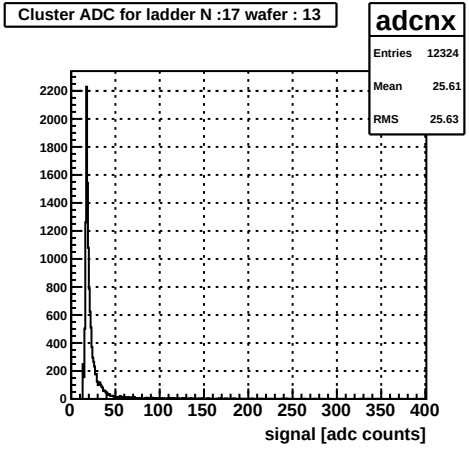

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1790
Mean 51.79
RMS 56.07
signal [adc counts]

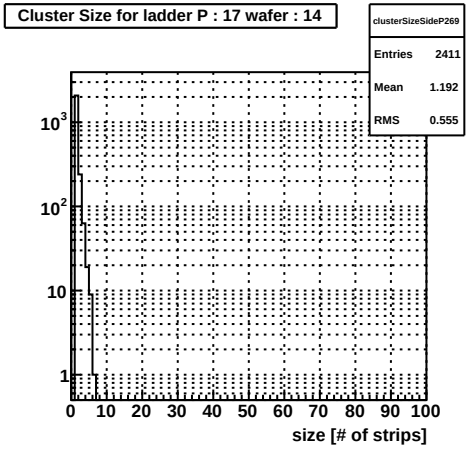

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 10164
Mean 1.304
RMS 0.6876
size [# of strips]

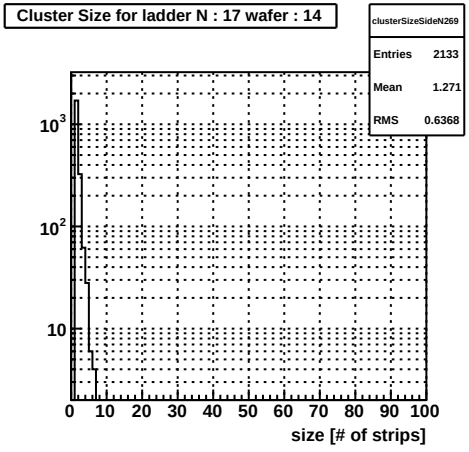

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 12324
Mean 1.072
RMS 0.3499
size [# of strips]

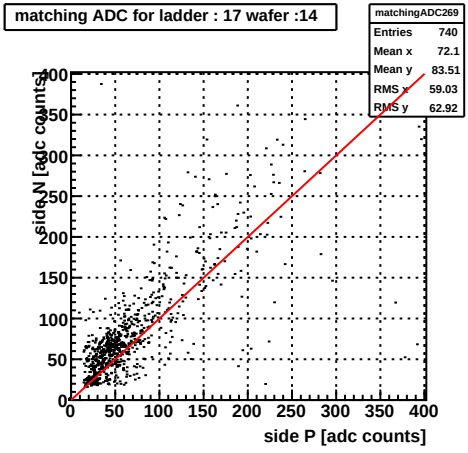

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1165
Mean x 64.41
Mean y 56.58
RMS x 61.68
RMS y 59.64
side N [adc counts]
side P [adc counts]

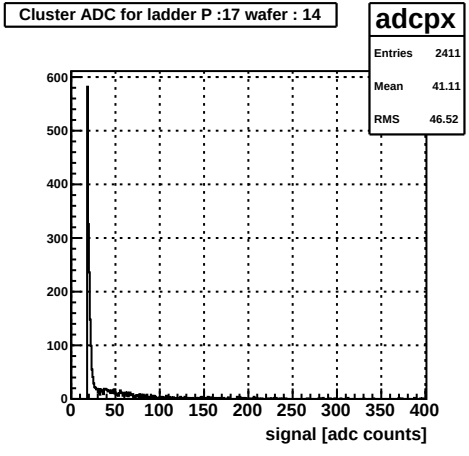

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 10164
Mean 40.99
RMS 41.8
signal [adc counts]

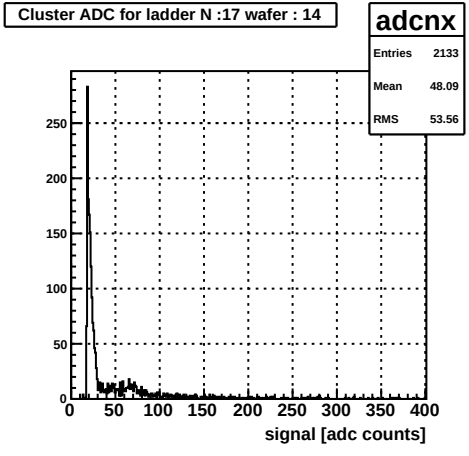

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 12324
Mean 25.61
RMS 25.63
signal [adc counts]

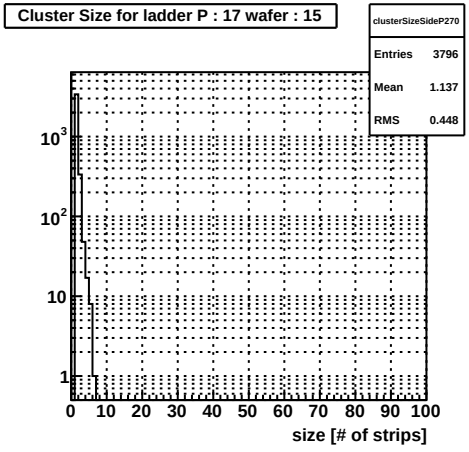

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2411
Mean 1.192
RMS 0.555
size [# of strips]

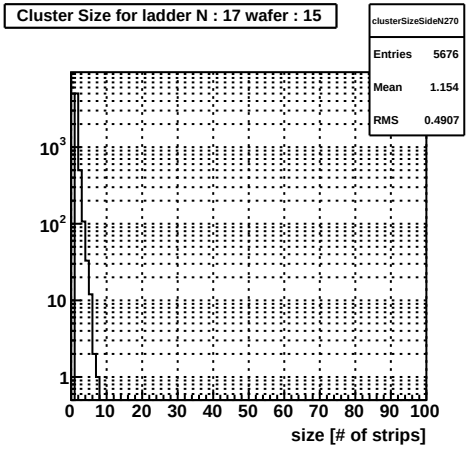

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2133
Mean 1.271
RMS 0.6368
size [# of strips]

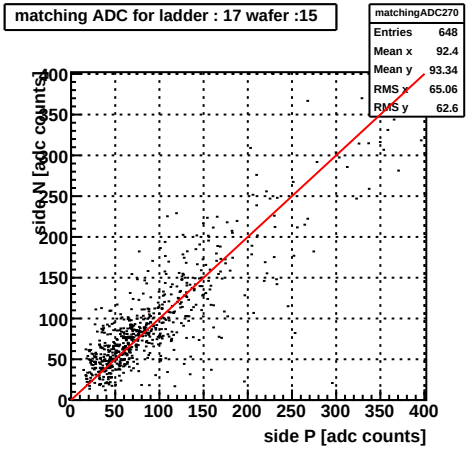

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 740
Mean x 72.1
Mean y 83.51
RMS x 59.03
RMS y 62.92
side N [adc counts]
side P [adc counts]

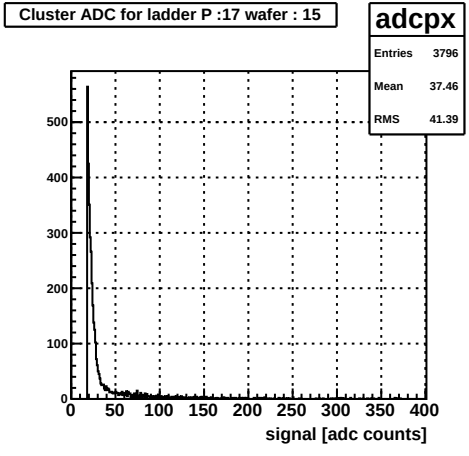

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2411
Mean 41.11
RMS 46.52
signal [adc counts]

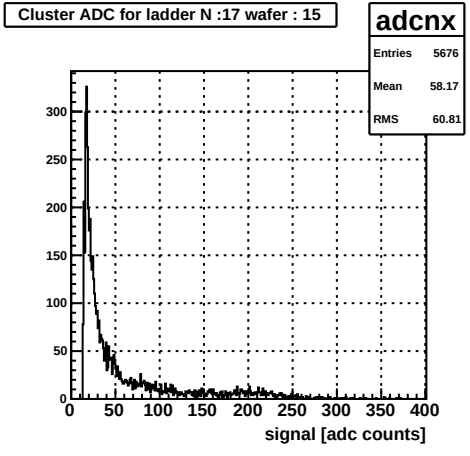

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2133
Mean 48.09
RMS 53.56
signal [adc counts]

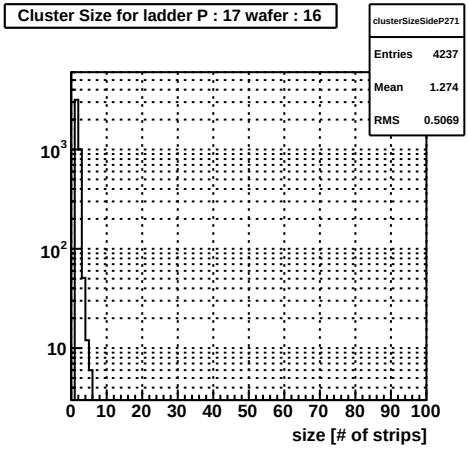

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3796
Mean 1.137
RMS 0.448
size [# of strips]

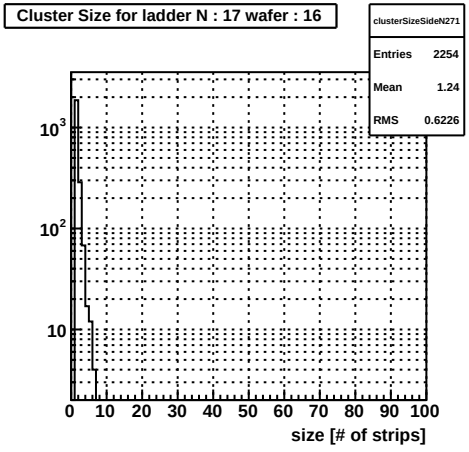

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 5676
Mean 1.154
RMS 0.4907
size [# of strips]

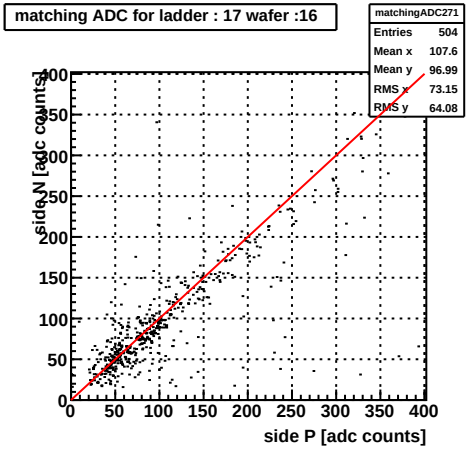

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 648
Mean x 92.4
Mean y 93.34
RMS x 65.06
RMS y 62.6
side N [adc counts]
side P [adc counts]

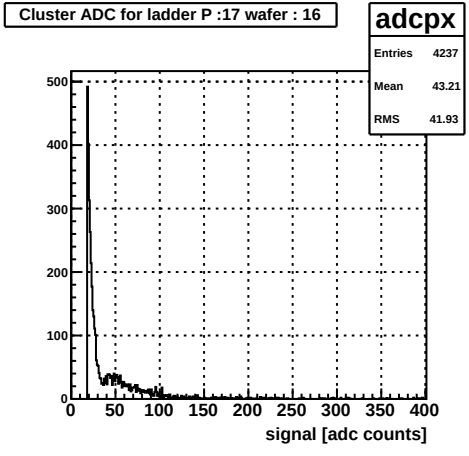

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3796
Mean 37.46
RMS 41.39
signal [adc counts]

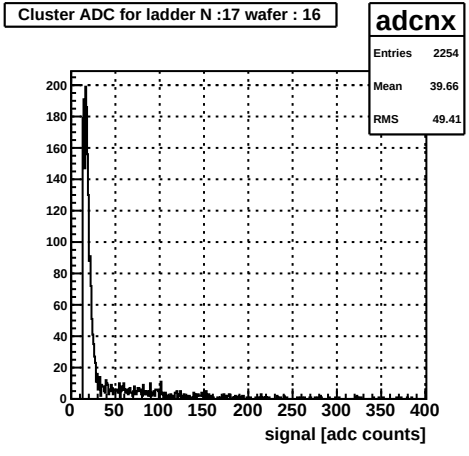

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 5676
Mean 58.17
RMS 60.81
signal [adc counts]

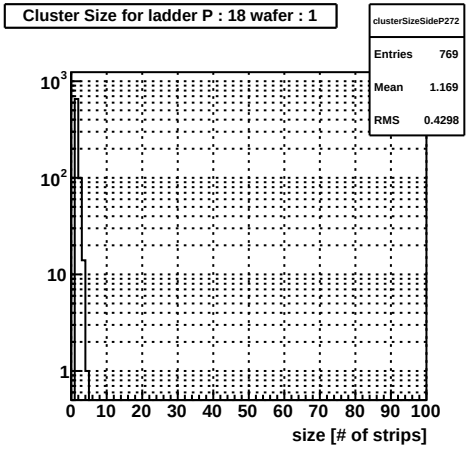

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 4237
Mean 1.274
RMS 0.5069
size [# of strips]

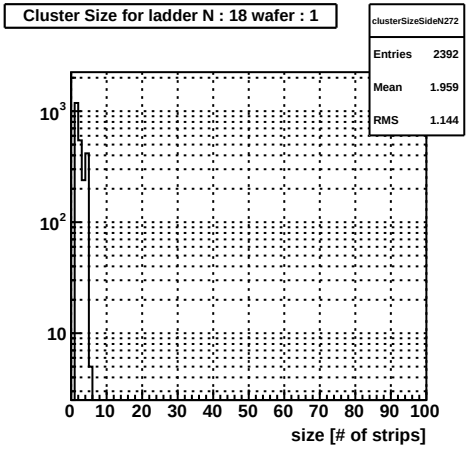

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2254
Mean 1.24
RMS 0.6226
size [# of strips]

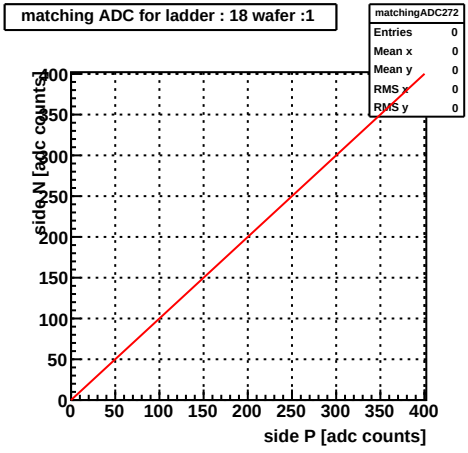

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 504
Mean x 107.6
Mean y 96.99
RMS x 73.15
RMS y 64.08
side N [adc counts]
side P [adc counts]

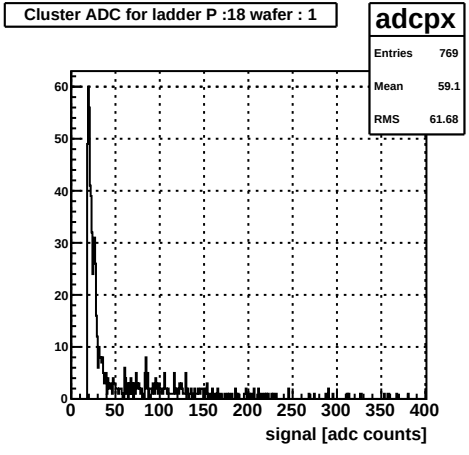

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 4237
Mean 43.21
RMS 41.93
signal [adc counts]

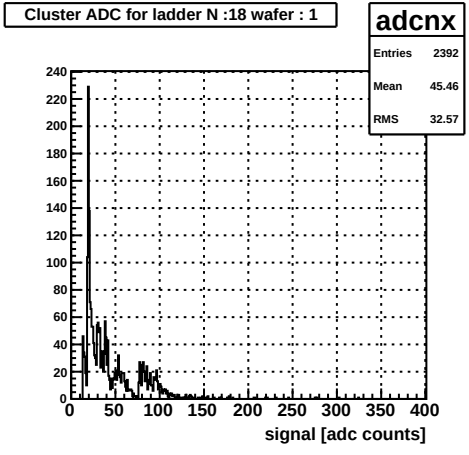

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2254
Mean 39.66
RMS 49.41
signal [adc counts]

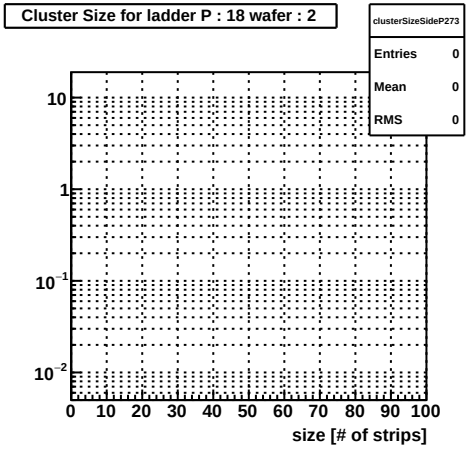

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 769
Mean 1.169
RMS 0.4298
size [# of strips]

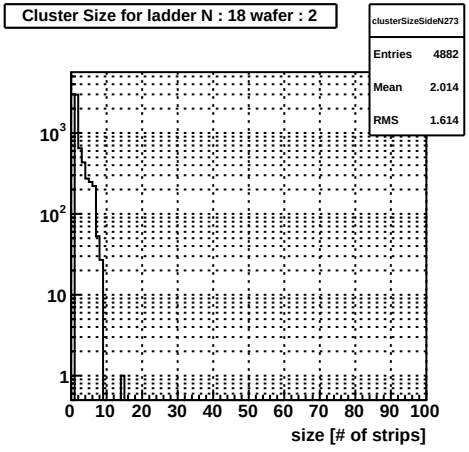

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2392
Mean 1.959
RMS 1.144
size [# of strips]

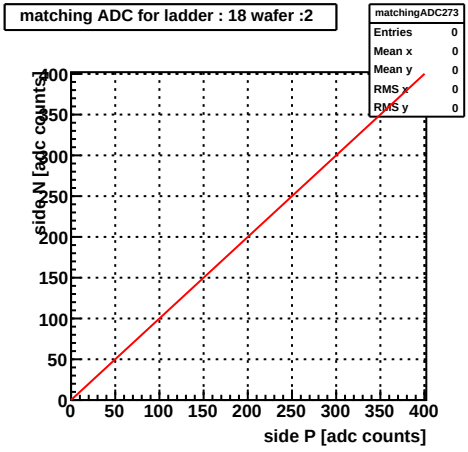

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

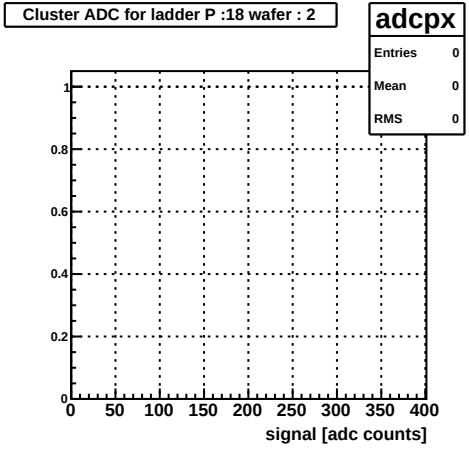

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 769
Mean 59.1
RMS 61.68
signal [adc counts]

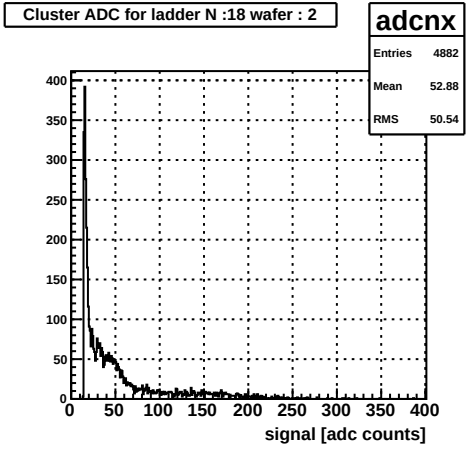

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2392
Mean 45.46
RMS 32.57
signal [adc counts]

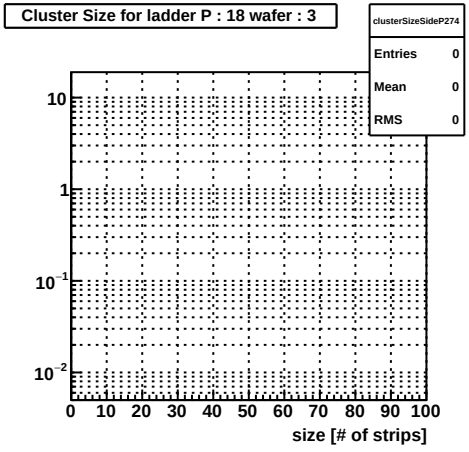

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

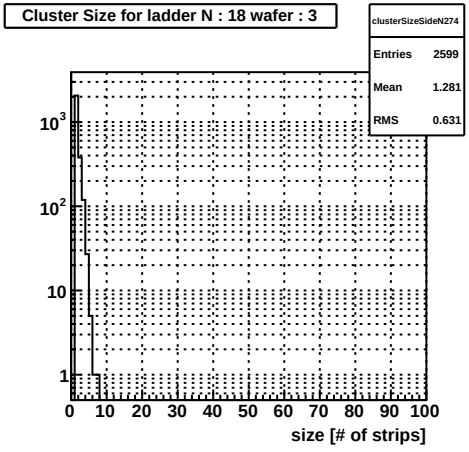

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 4882
Mean 2.014
RMS 1.614
size [# of strips]

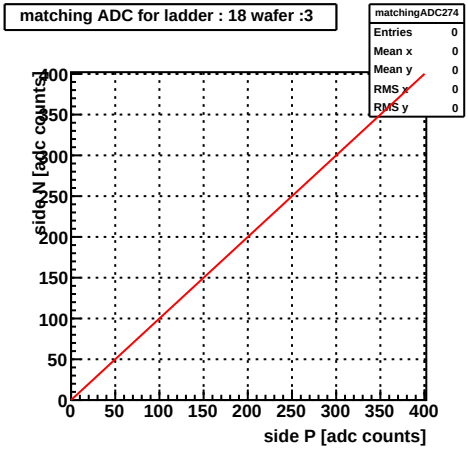

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

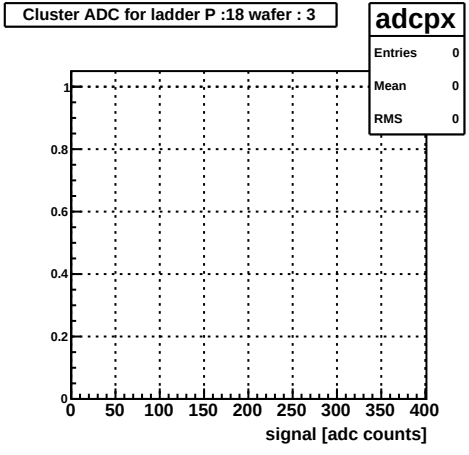

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

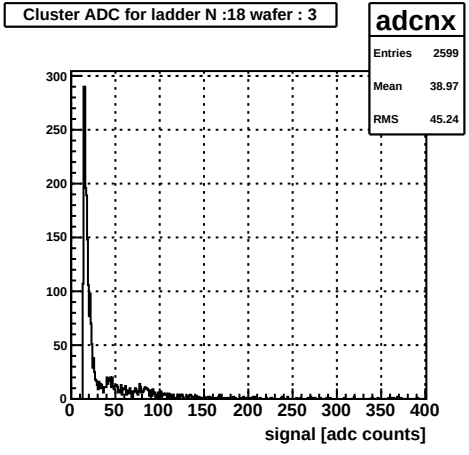

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 4882
Mean 52.88
RMS 50.54
signal [adc counts]

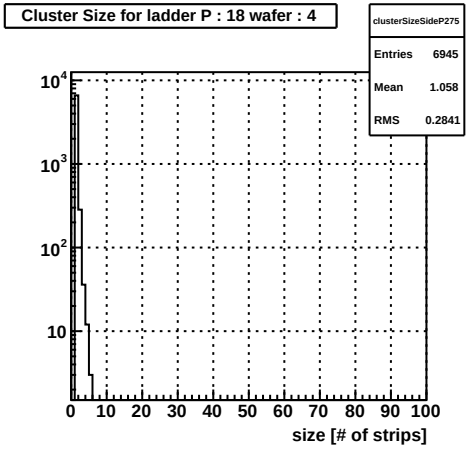

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

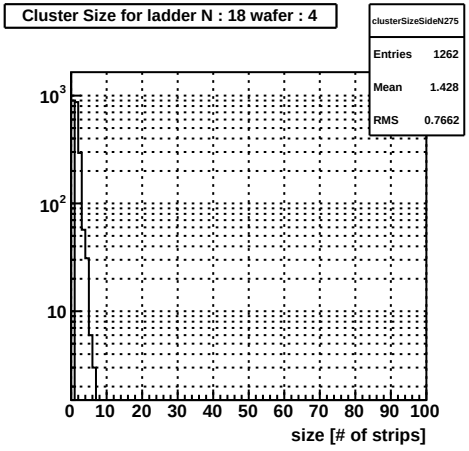

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2599
Mean 1.281
RMS 0.631
size [# of strips]

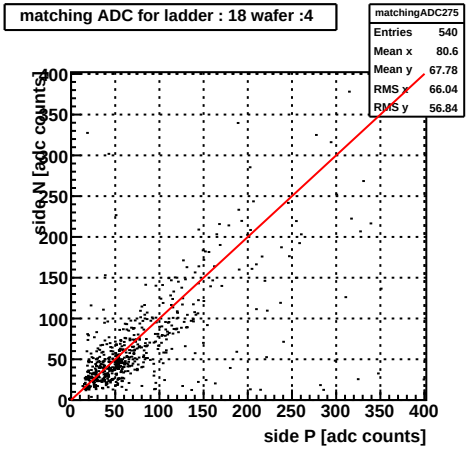

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

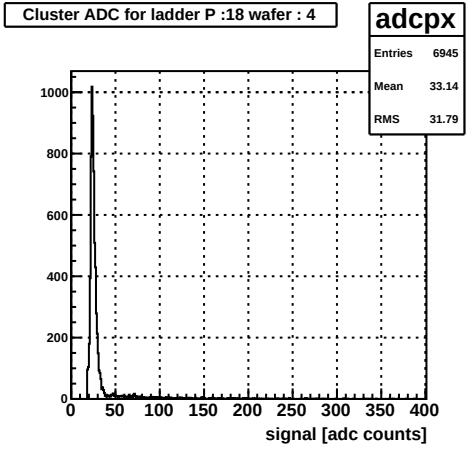

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

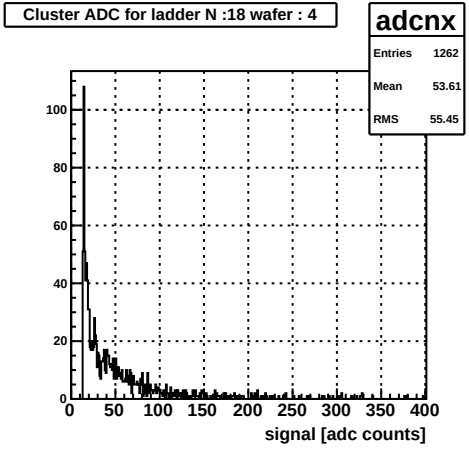

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2599
Mean 38.97
RMS 45.24
signal [adc counts]

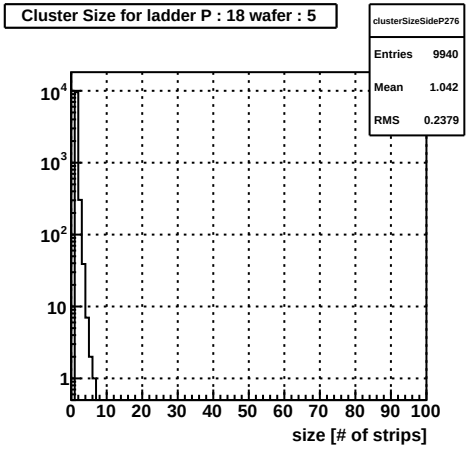

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 6945
Mean 1.058
RMS 0.2841
size [# of strips]

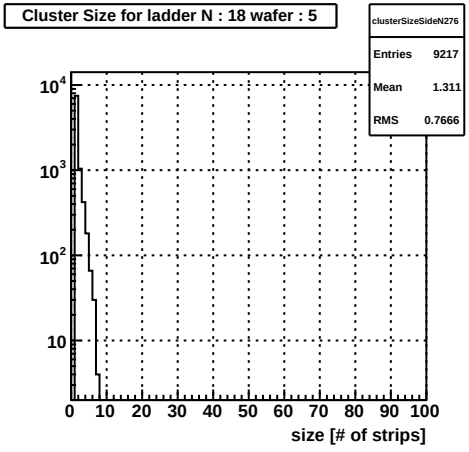

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1262
Mean 1.428
RMS 0.7662
size [# of strips]

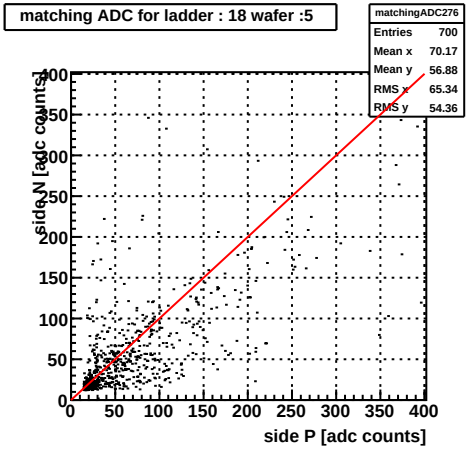

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 540
Mean x 80.6
Mean y 67.78
RMS x 66.04
RMS y 56.84
side N [adc counts]
side P [adc counts]

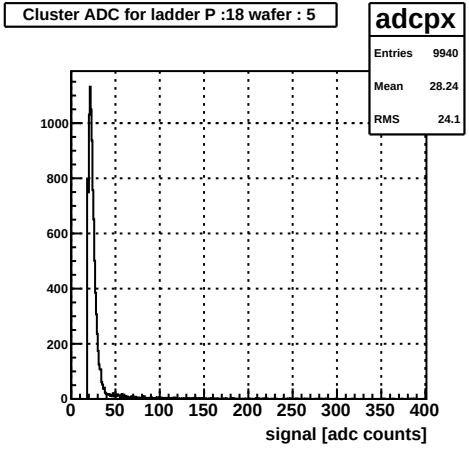

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 6945
Mean 33.14
RMS 31.79
signal [adc counts]

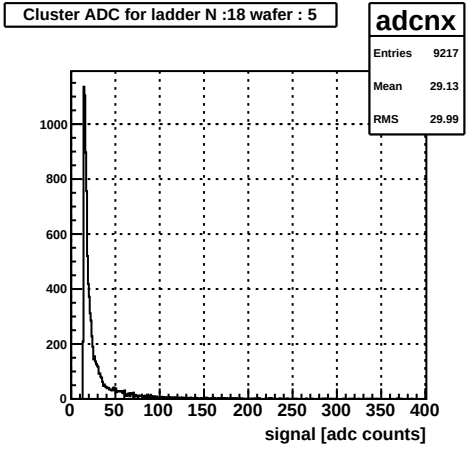

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1262
Mean 53.61
RMS 55.45
signal [adc counts]

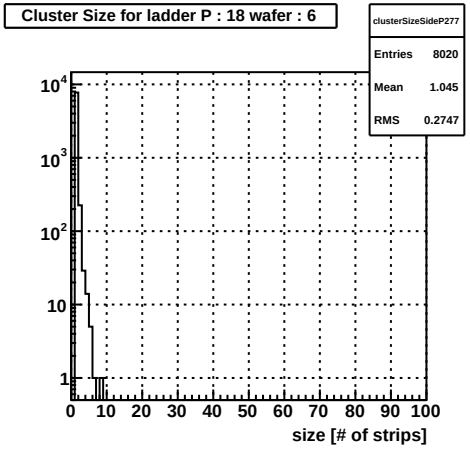

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 9940
Mean 1.042
RMS 0.2379
size [# of strips]

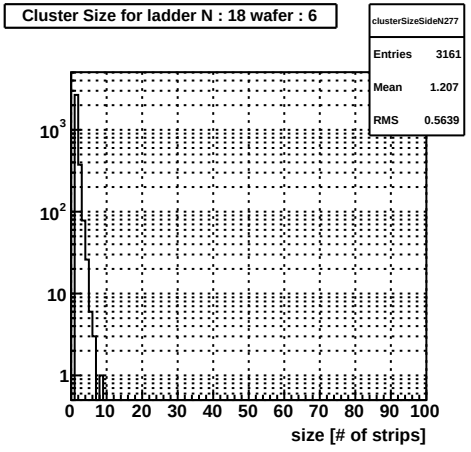

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 9217
Mean 1.311
RMS 0.7666
size [# of strips]

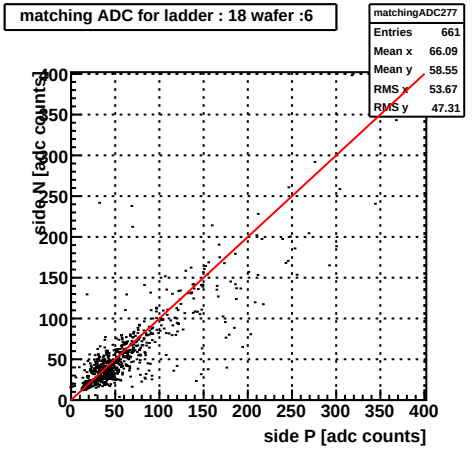

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 700
Mean x 70.17
Mean y 56.88
RMS x 65.34
RMS y 54.36
side N [adc counts]
side P [adc counts]

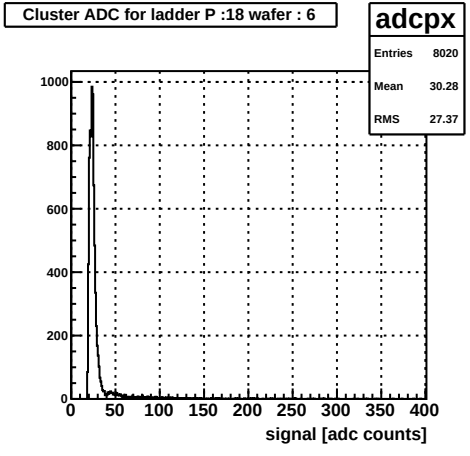

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 9940
Mean 28.24
RMS 24.1
signal [adc counts]

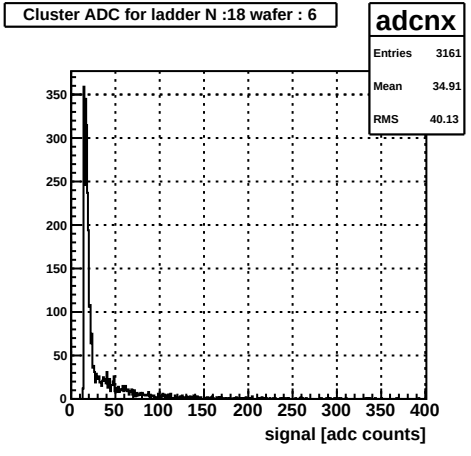

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 9217
Mean 29.13
RMS 29.99
signal [adc counts]

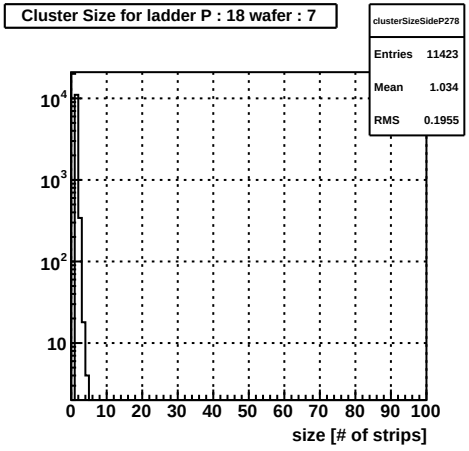

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 8020
Mean 1.045
RMS 0.2747
size [# of strips]

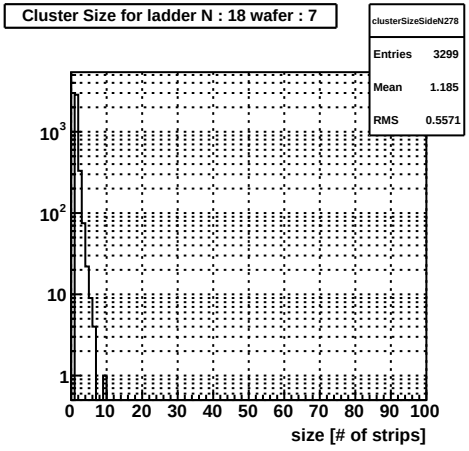

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3161
Mean 1.207
RMS 0.5639
size [# of strips]

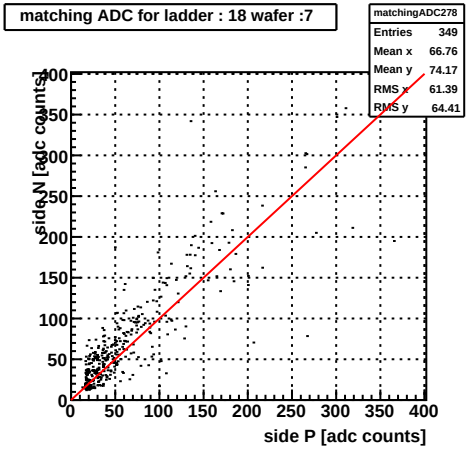

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 661
Mean x 66.09
Mean y 58.55
RMS x 53.67
RMS y 47.31
side N [adc counts]
side P [adc counts]

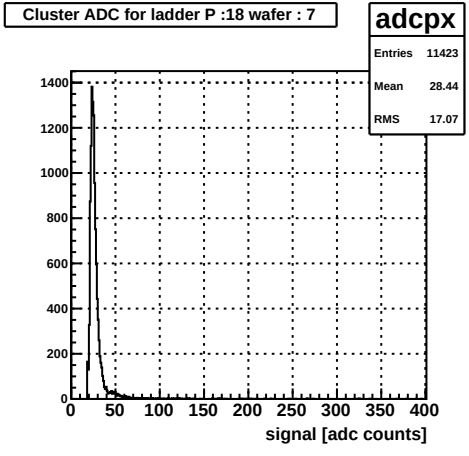

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 8020
Mean 30.28
RMS 27.37
signal [adc counts]

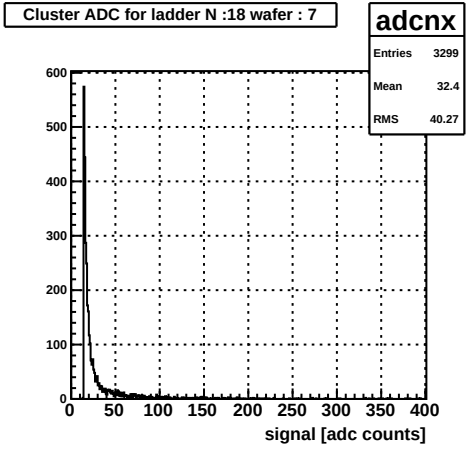

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3161
Mean 34.91
RMS 40.13
signal [adc counts]

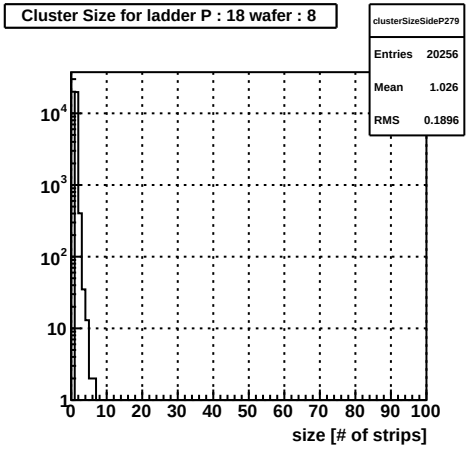

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 11423
Mean 1.034
RMS 0.1955
size [# of strips]

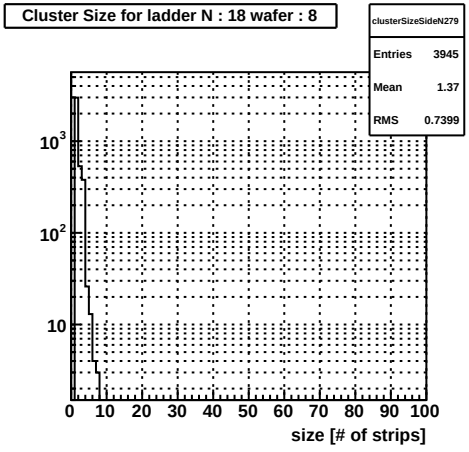

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3299
Mean 1.185
RMS 0.5571
size [# of strips]

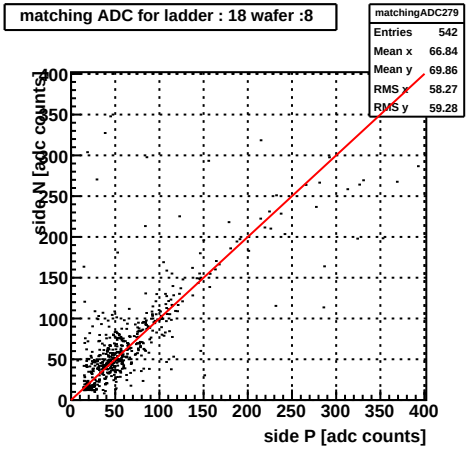

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 349
Mean x 66.76
Mean y 74.17
RMS x 61.39
RMS y 64.41
side N [adc counts]
side P [adc counts]

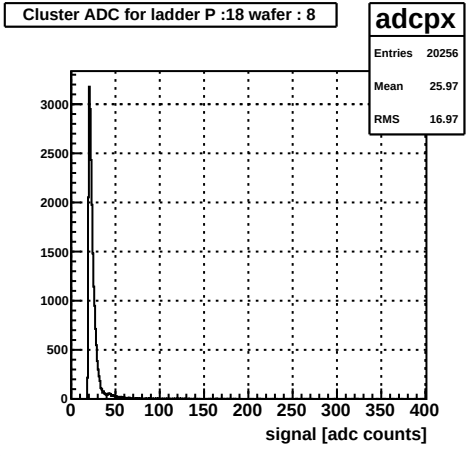

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 11423
Mean 28.44
RMS 17.07
signal [adc counts]

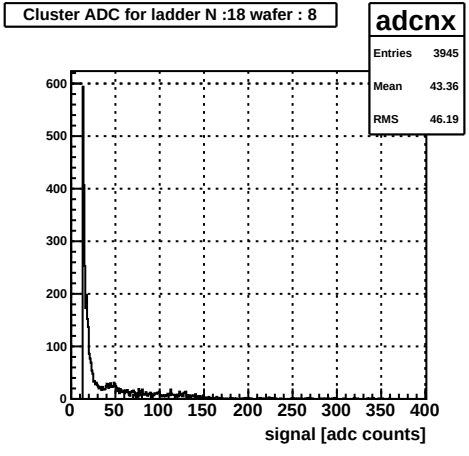

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3299
Mean 32.4
RMS 40.27
signal [adc counts]

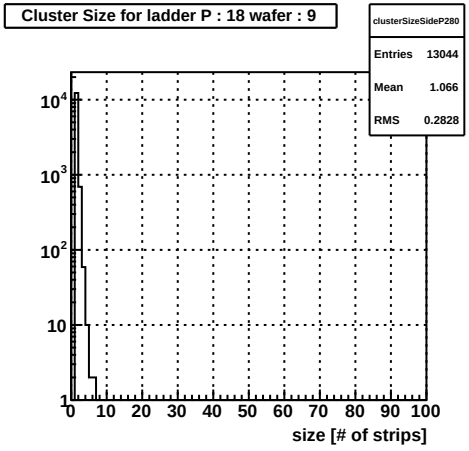

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 20256
Mean 1.026
RMS 0.1896
size [# of strips]

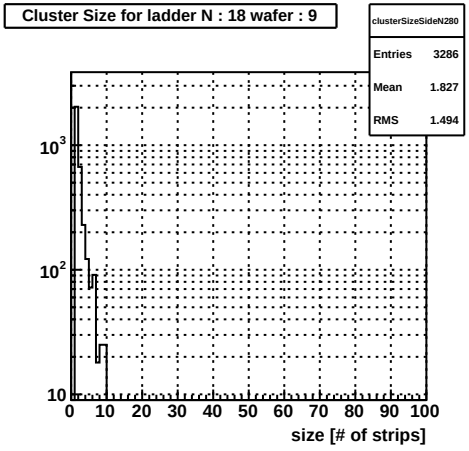

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3945
Mean 1.37
RMS 0.7399
size [# of strips]

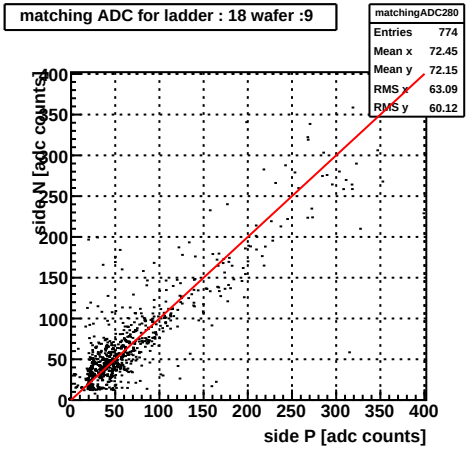

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 542
Mean x 66.84
Mean y 69.86
RMS x 58.27
RMS y 59.28
side N [adc counts]
side P [adc counts]

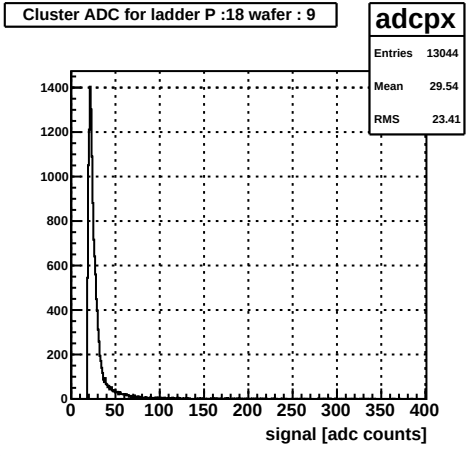

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 20256
Mean 25.97
RMS 16.97
signal [adc counts]

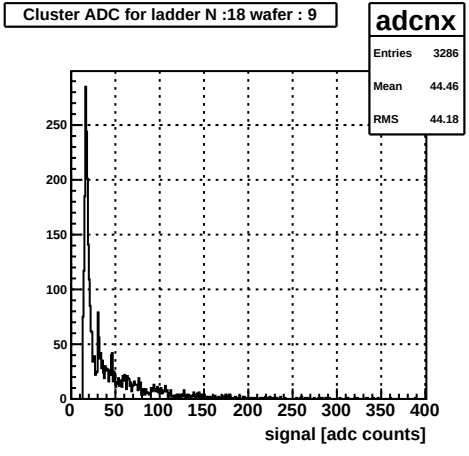

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3945
Mean 43.36
RMS 46.19
signal [adc counts]

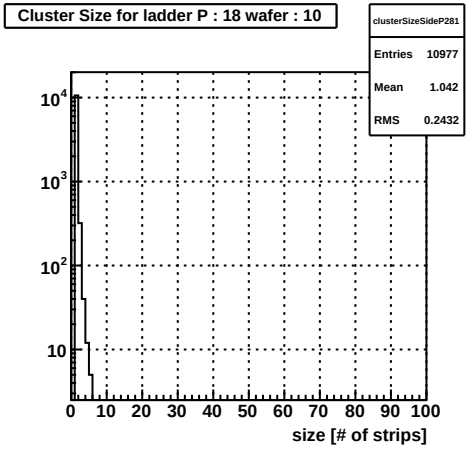

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 13044
Mean 1.066
RMS 0.2828
size [# of strips]

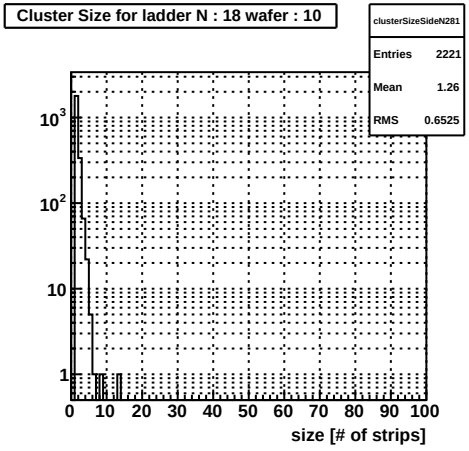

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3286
Mean 1.827
RMS 1.494
size [# of strips]

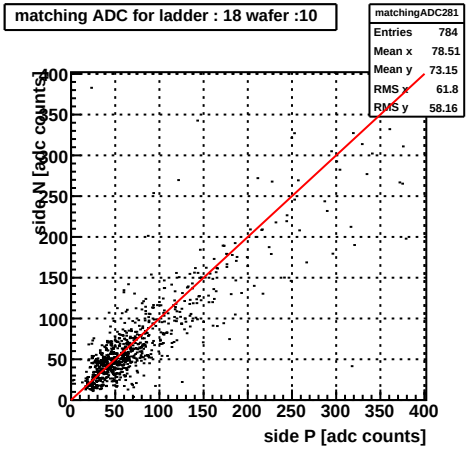

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 774
Mean x 72.45
Mean y 72.15
RMS x 63.09
RMS y 60.12
side N [adc counts]
side P [adc counts]

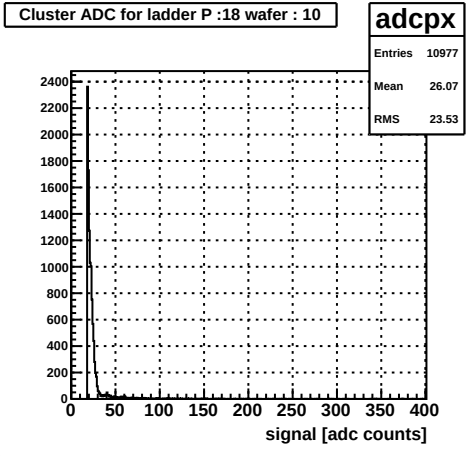

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 13044
Mean 29.54
RMS 23.41
signal [adc counts]

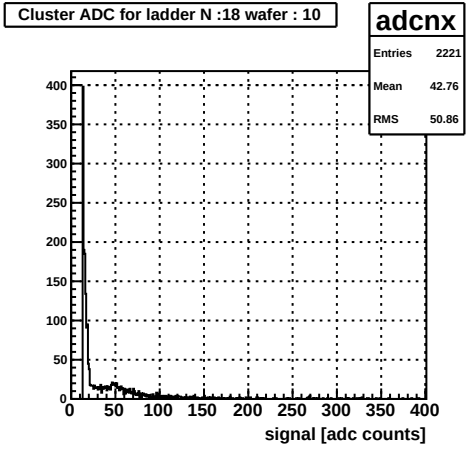

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3286
Mean 44.46
RMS 44.18
signal [adc counts]

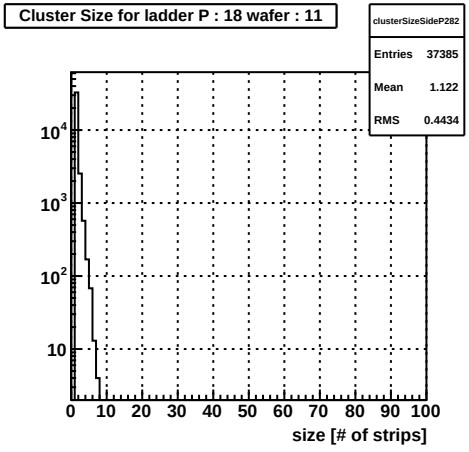

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 10977
Mean 1.042
RMS 0.2432
size [# of strips]

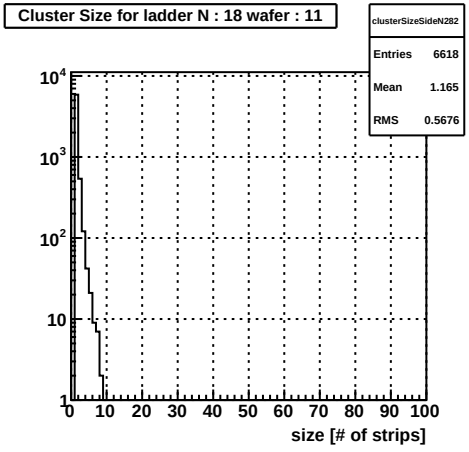

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2221
Mean 1.26
RMS 0.6525
size [# of strips]

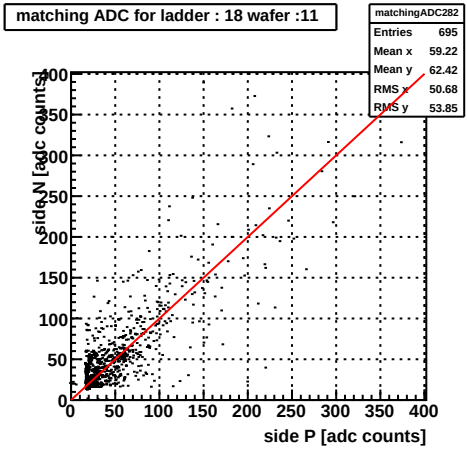

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 784
Mean x 78.51
Mean y 73.15
RMS x 61.8
RMS y 58.16
side N [adc counts]
side P [adc counts]

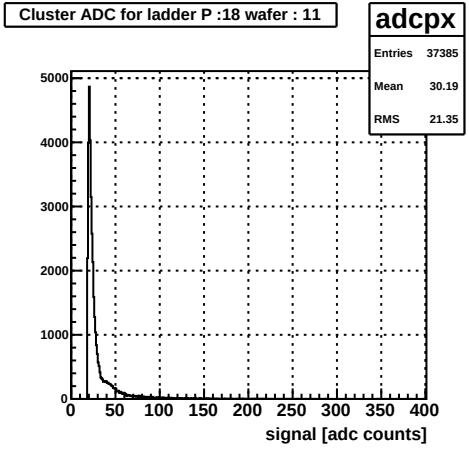

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 10977
Mean 26.07
RMS 23.53
signal [adc counts]

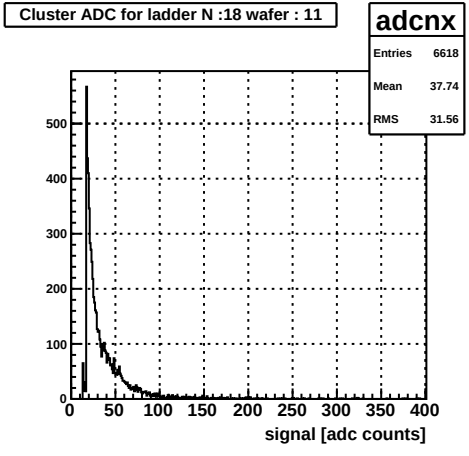

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2221
Mean 42.76
RMS 50.86
signal [adc counts]

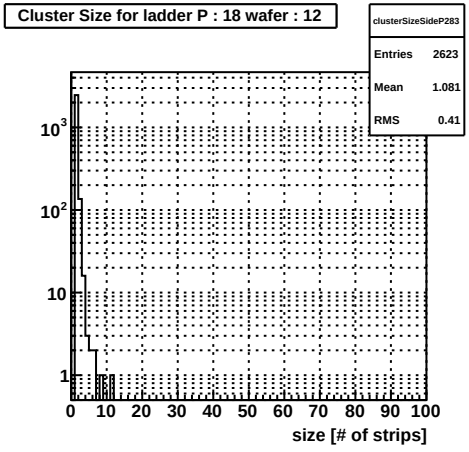

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 37385
Mean 1.122
RMS 0.4434
size [# of strips]

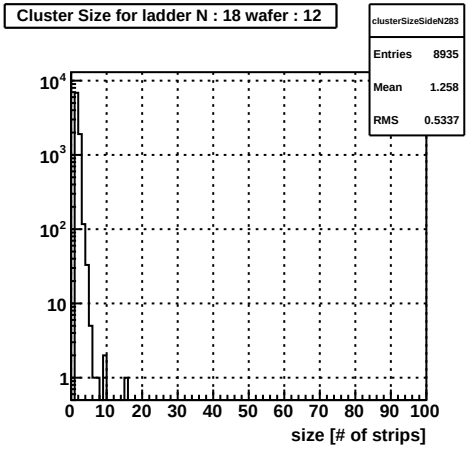

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 6618
Mean 1.165
RMS 0.5676
size [# of strips]

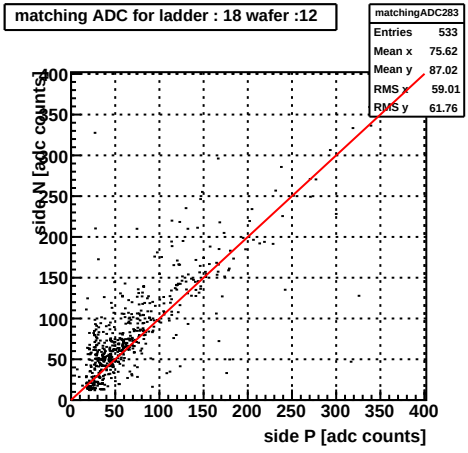

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 695
Mean x 59.22
Mean y 62.42
RMS x 50.68
RMS y 53.85
side N [adc counts]
side P [adc counts]

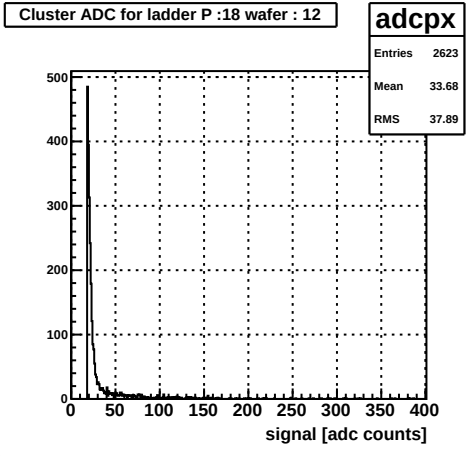

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 37385
Mean 30.19
RMS 21.35
signal [adc counts]

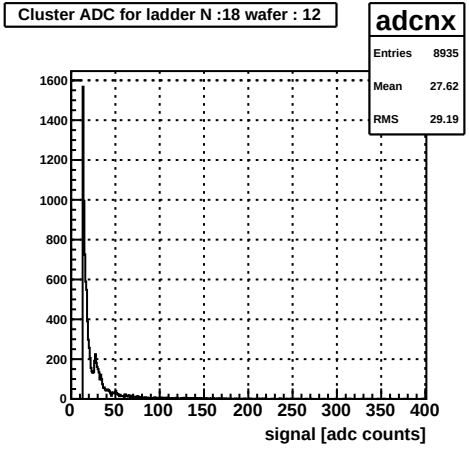

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 6618
Mean 37.74
RMS 31.56
signal [adc counts]

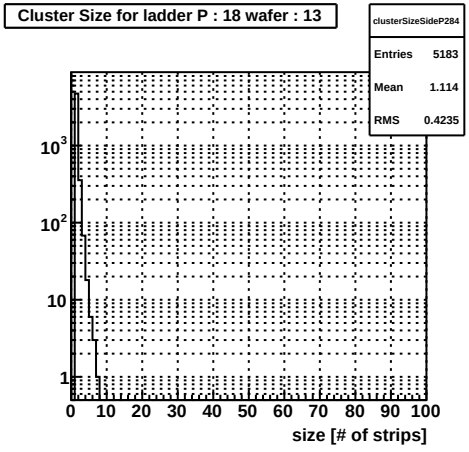

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2623
Mean 1.081
RMS 0.41
size [# of strips]

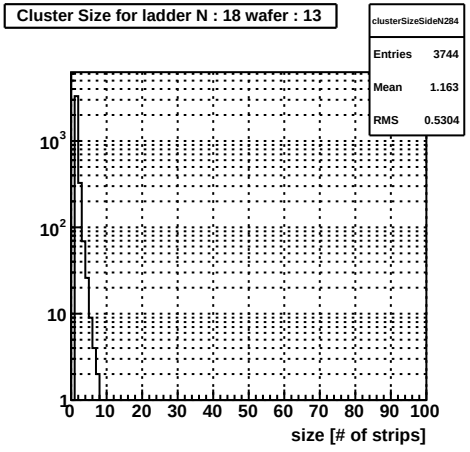

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 8935
Mean 1.258
RMS 0.5337
size [# of strips]

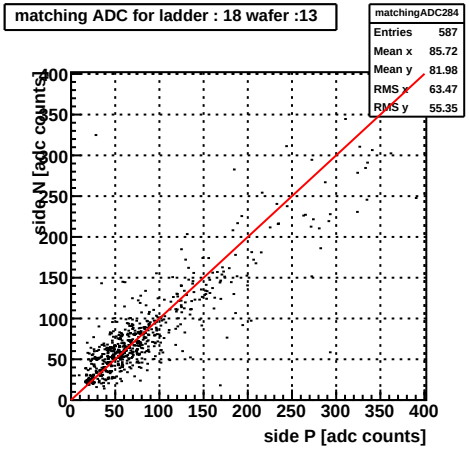

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 533
Mean x 75.62
Mean y 87.02
RMS x 59.01
RMS y 61.76
side N [adc counts]
side P [adc counts]

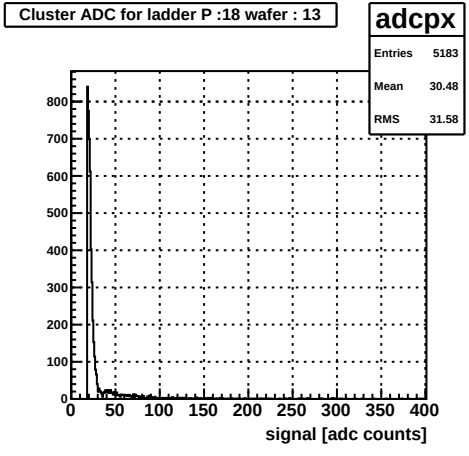

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2623
Mean 33.68
RMS 37.89
signal [adc counts]

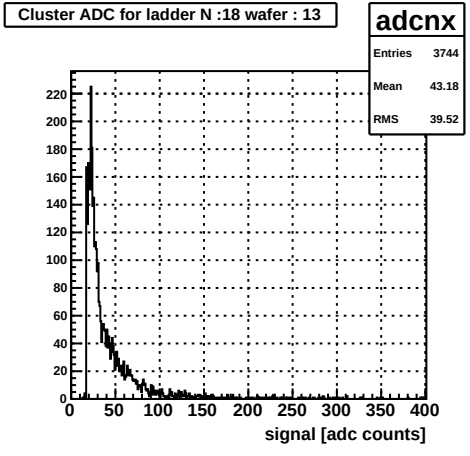

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 8935
Mean 27.62
RMS 29.19
signal [adc counts]

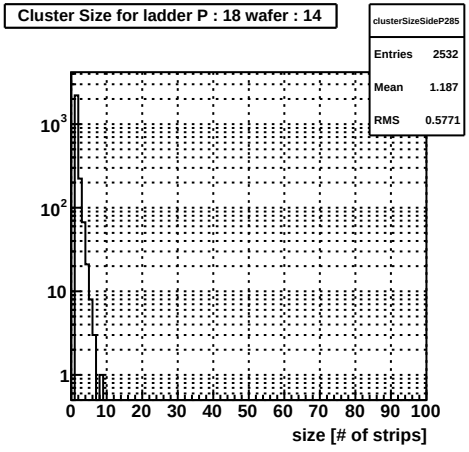

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5183
Mean 1.114
RMS 0.4235
size [# of strips]

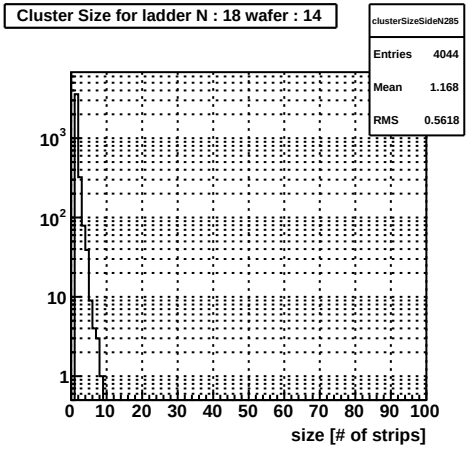

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3744
Mean 1.163
RMS 0.5304
size [# of strips]

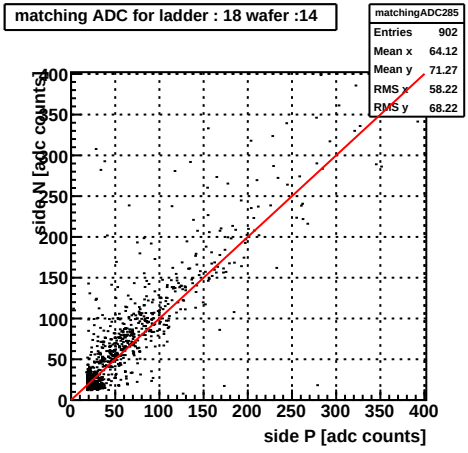

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 587
Mean x 85.72
Mean y 81.98
RMS x 63.47
RMS y 55.35
side N [adc counts]
side P [adc counts]

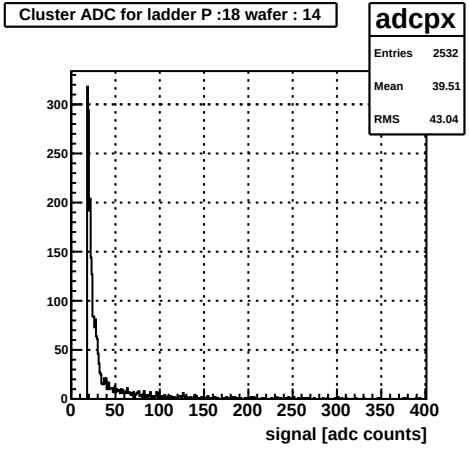

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5183
Mean 30.48
RMS 31.58
signal [adc counts]

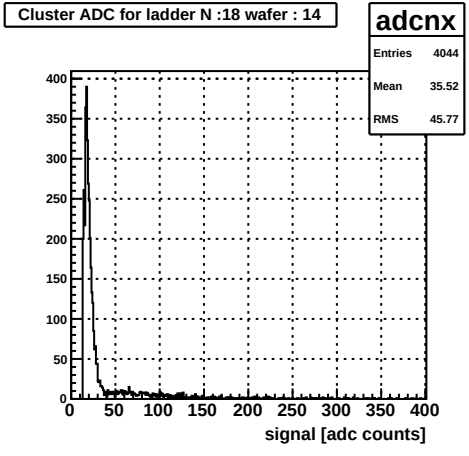

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3744
Mean 43.18
RMS 39.52
signal [adc counts]

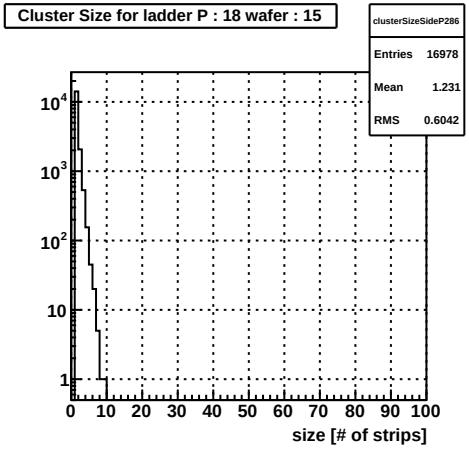

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2532
Mean 1.187
RMS 0.5771
size [# of strips]

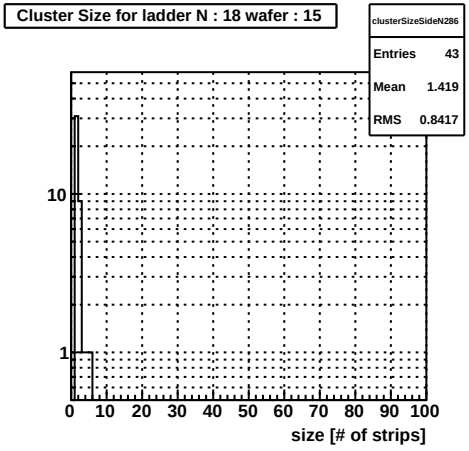

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 4044
Mean 1.168
RMS 0.5618
size [# of strips]

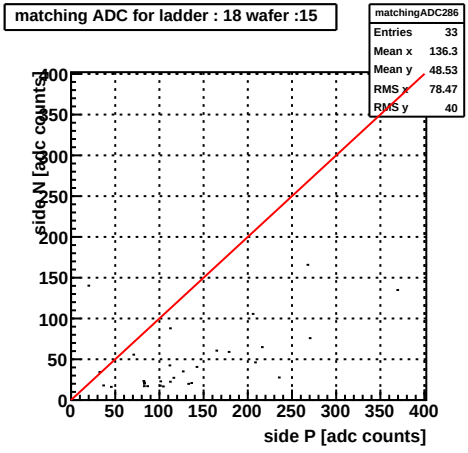

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 902
Mean x 64.12
Mean y 71.27
RMS x 58.22
RMS y 68.22
side N [adc counts]
side P [adc counts]

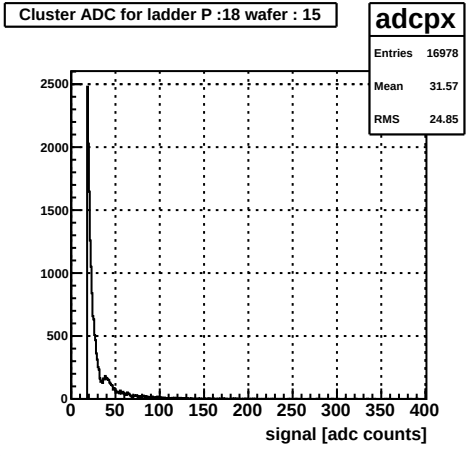

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2532
Mean 39.51
RMS 43.04
signal [adc counts]

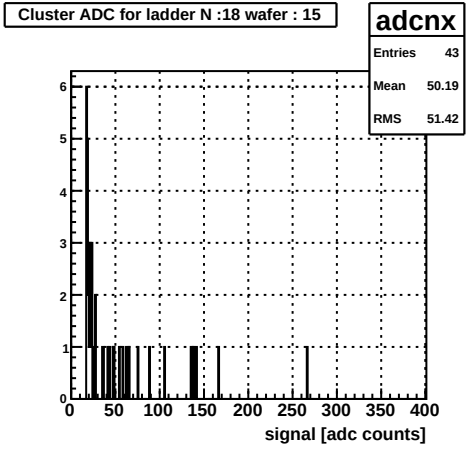

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 4044
Mean 35.52
RMS 45.77
signal [adc counts]

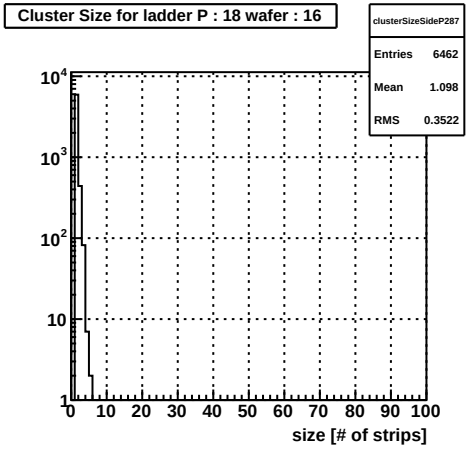

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 16978
Mean 1.231
RMS 0.6042
size [# of strips]

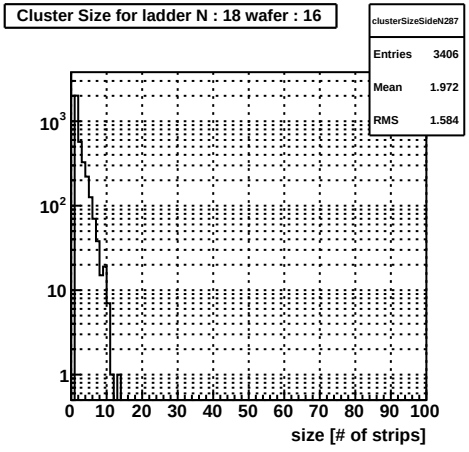

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 43
Mean 1.419
RMS 0.8417
size [# of strips]

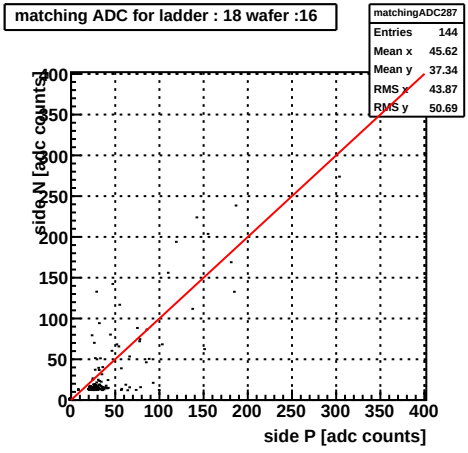

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 33
Mean x 136.3
Mean y 48.53
RMS x 78.47
RMS y 40
side N [adc counts]
side P [adc counts]

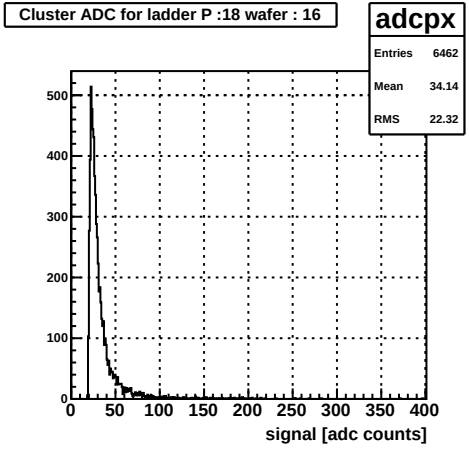

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 16978
Mean 31.57
RMS 24.85
signal [adc counts]

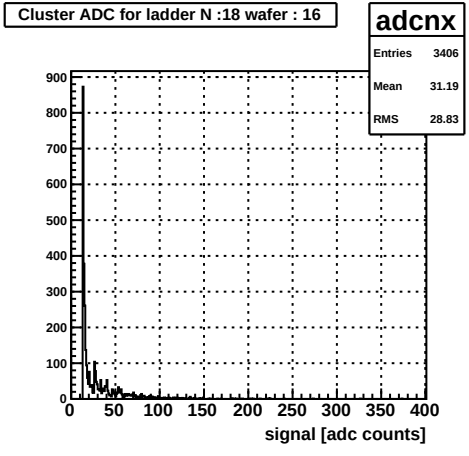

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 43
Mean 50.19
RMS 51.42
signal [adc counts]

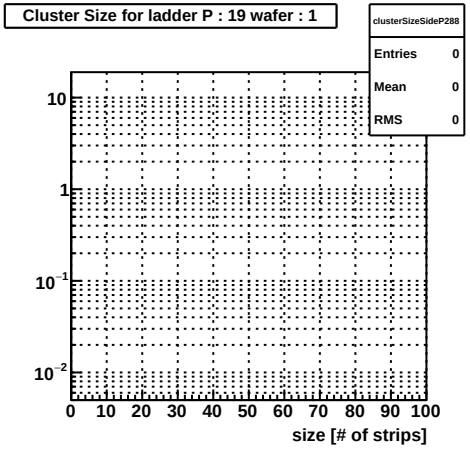

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6462
Mean 1.098
RMS 0.3522
size [# of strips]

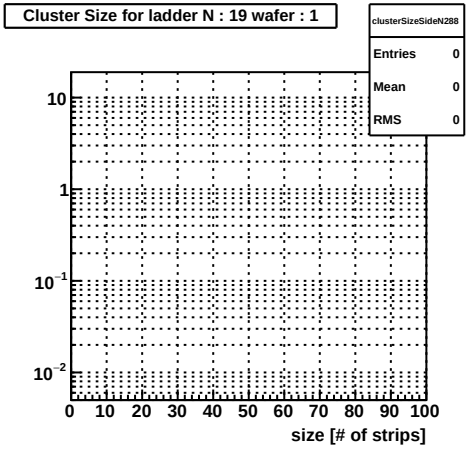

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 3406
Mean 1.972
RMS 1.584
size [# of strips]

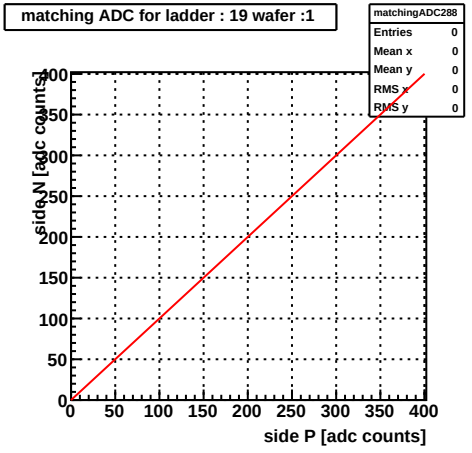

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 144
Mean x 45.62
Mean y 37.34
RMS x 43.87
RMS y 50.69
side N [adc counts]
side P [adc counts]

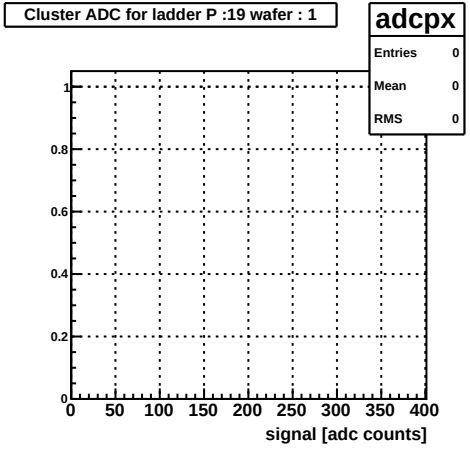

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6462
Mean 34.14
RMS 22.32
signal [adc counts]

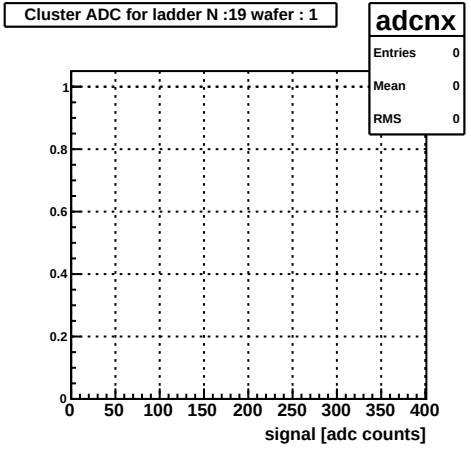

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 3406
Mean 31.19
RMS 28.83
signal [adc counts]

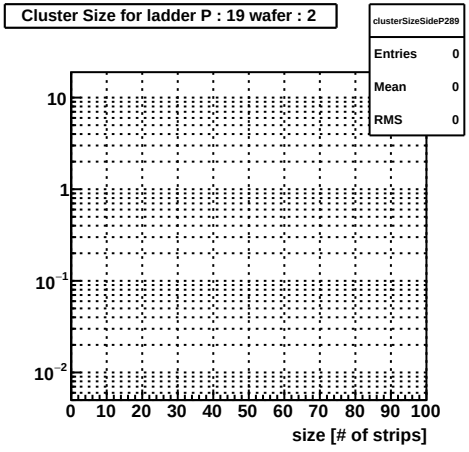

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

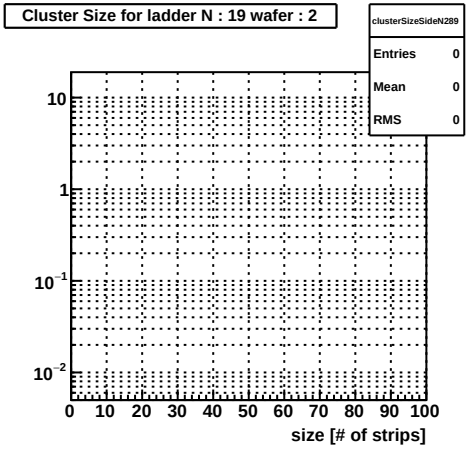

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

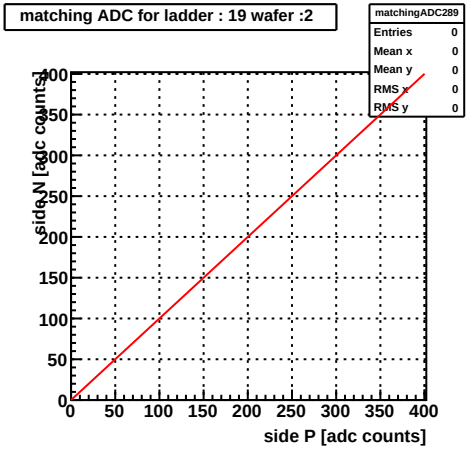

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

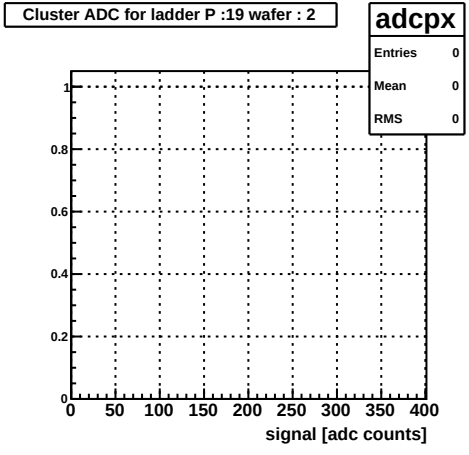

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

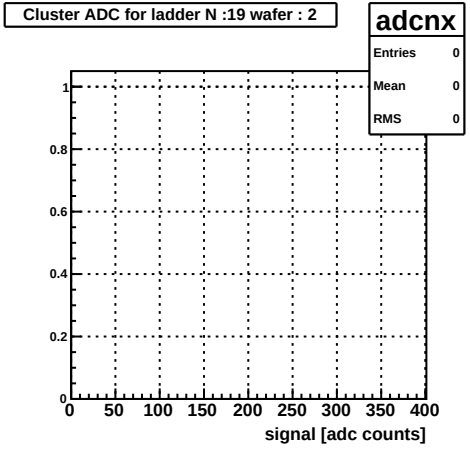

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

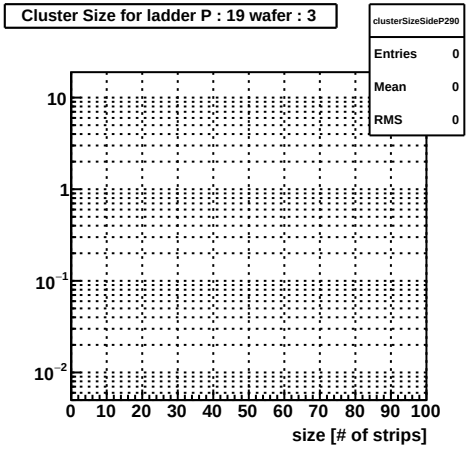

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

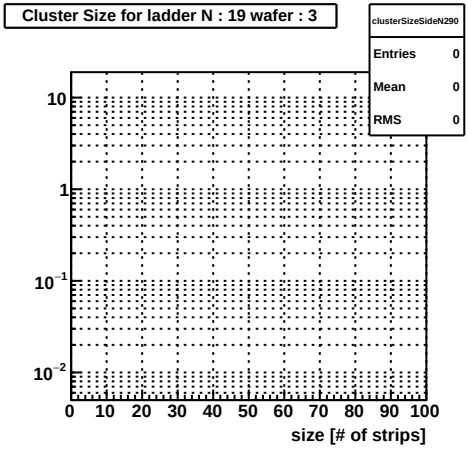

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

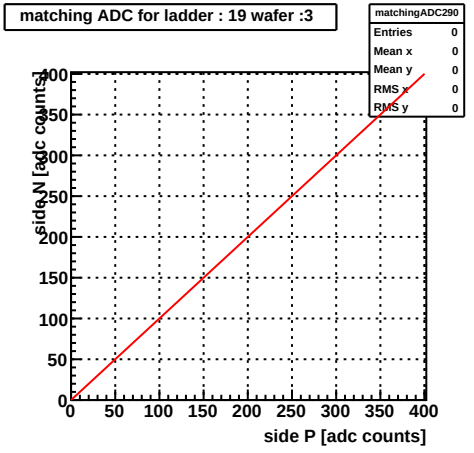

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

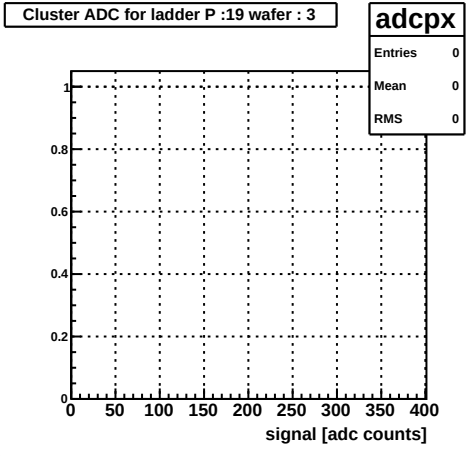

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

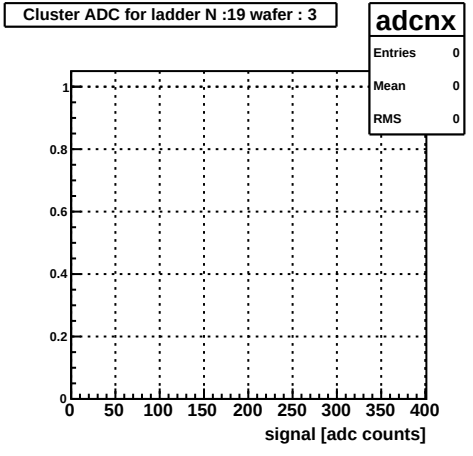

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

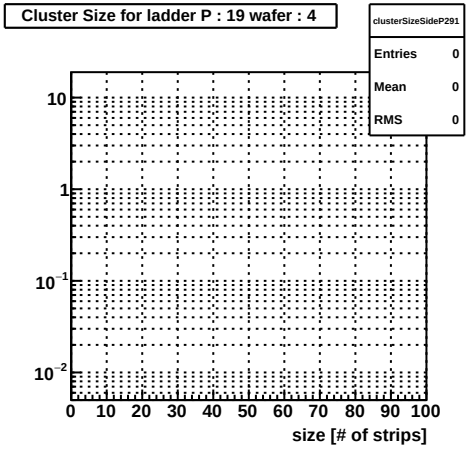

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

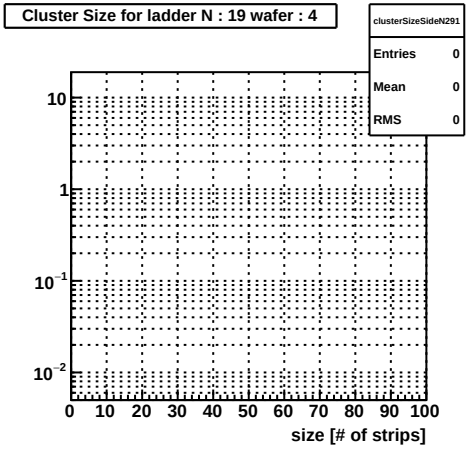

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

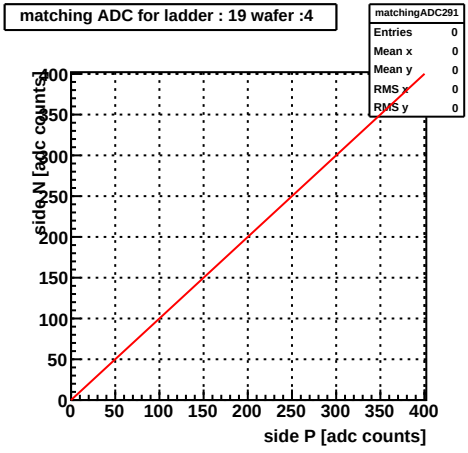

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

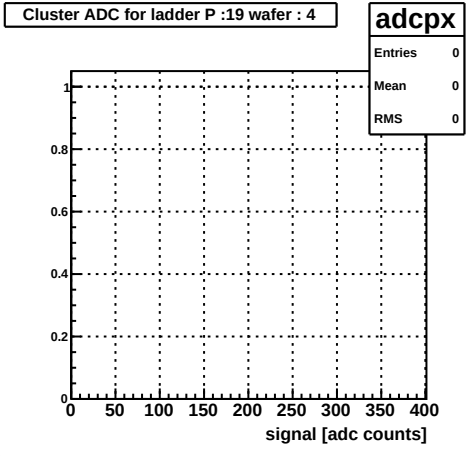

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

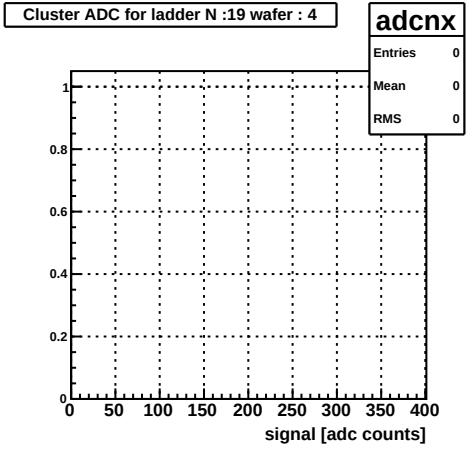

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

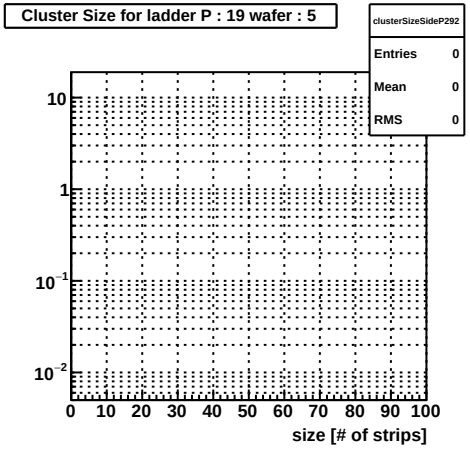

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

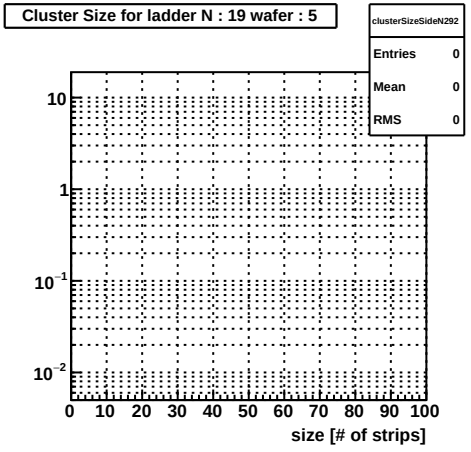

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

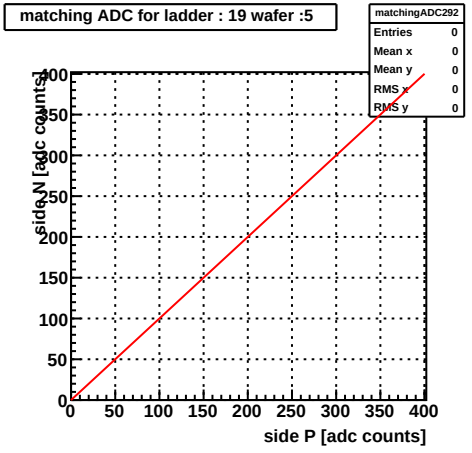

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

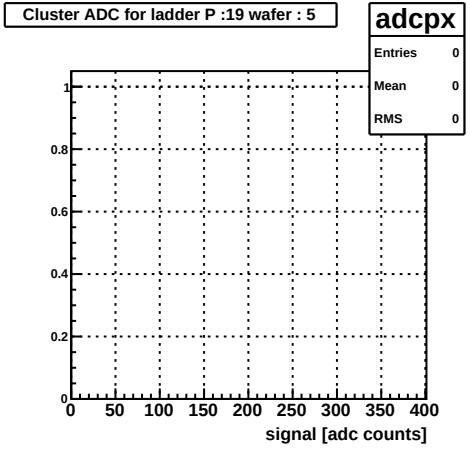

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

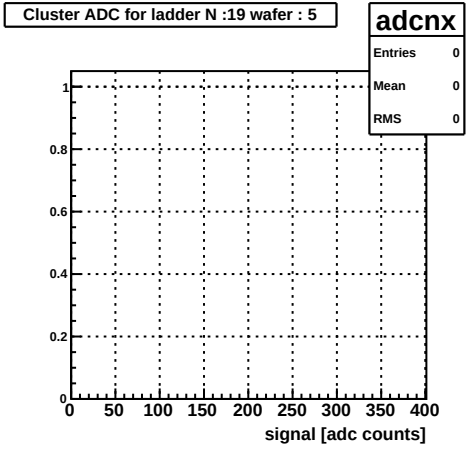

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

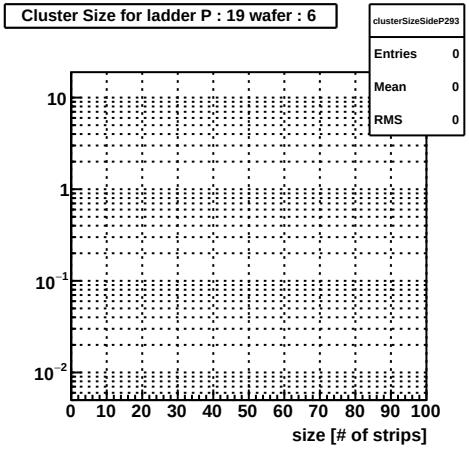

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

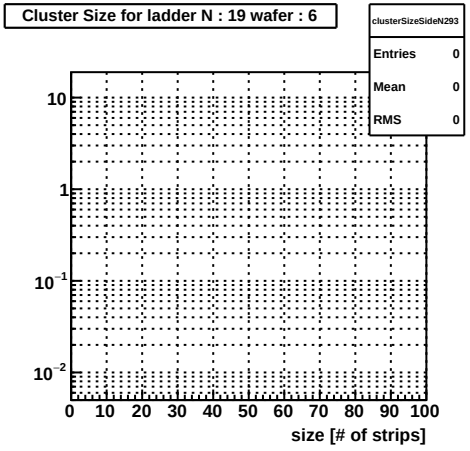

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

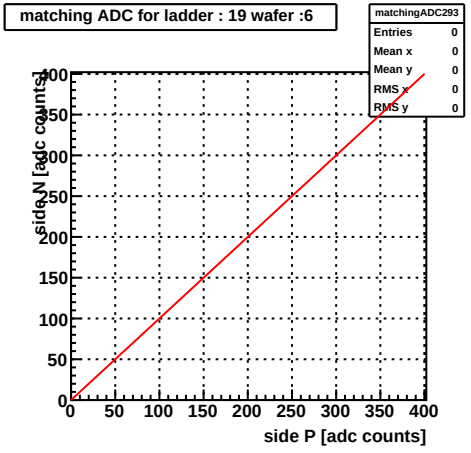

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

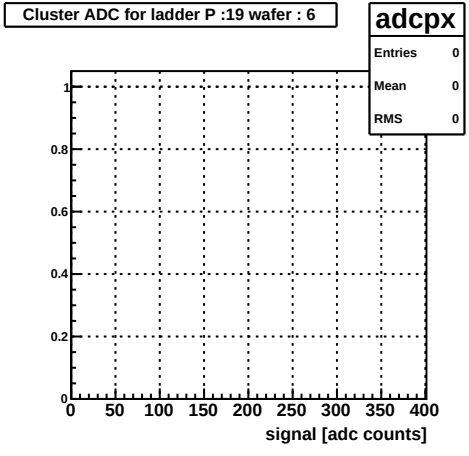

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

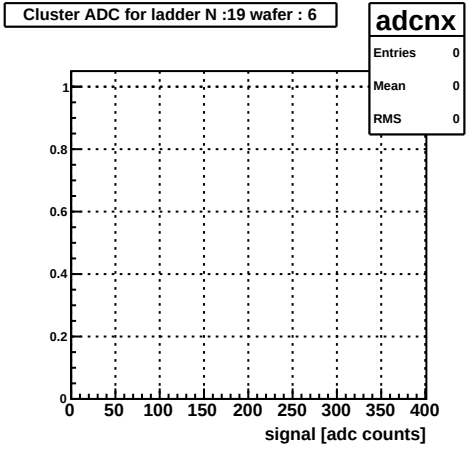

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

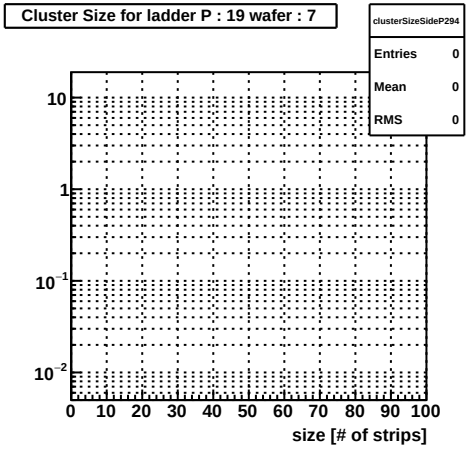

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

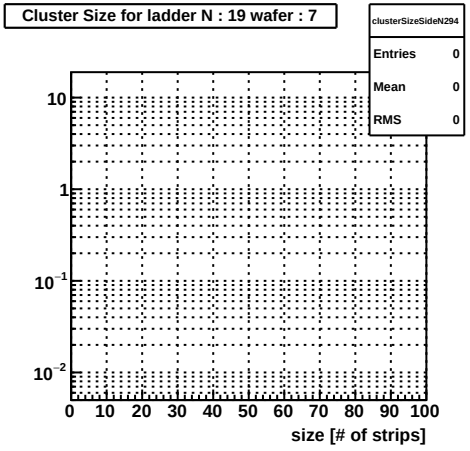

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

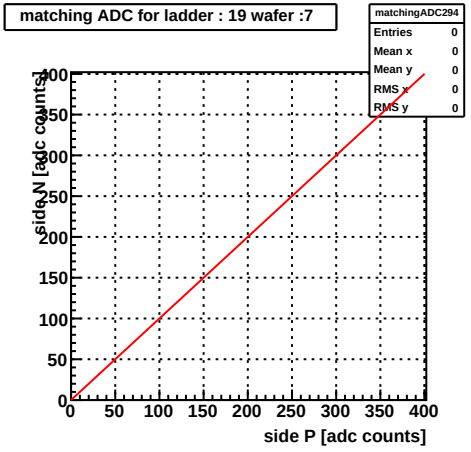

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

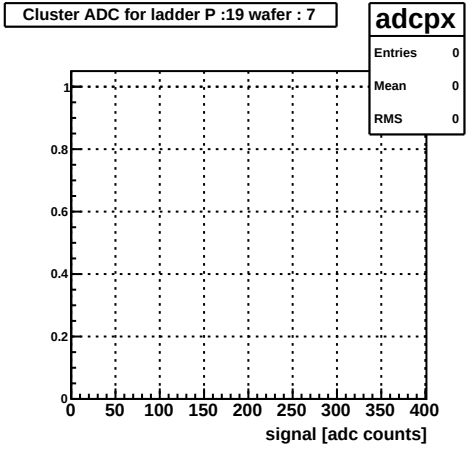

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

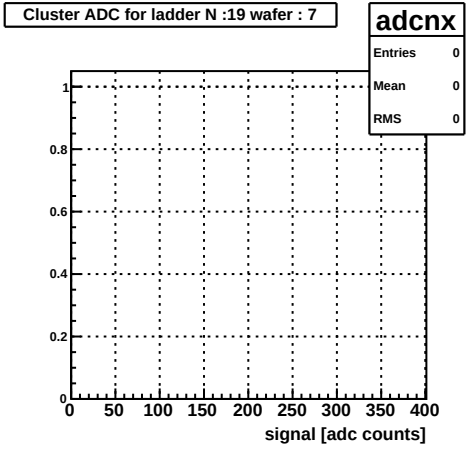

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

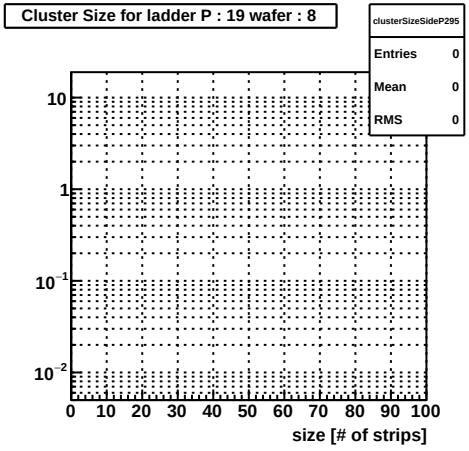

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

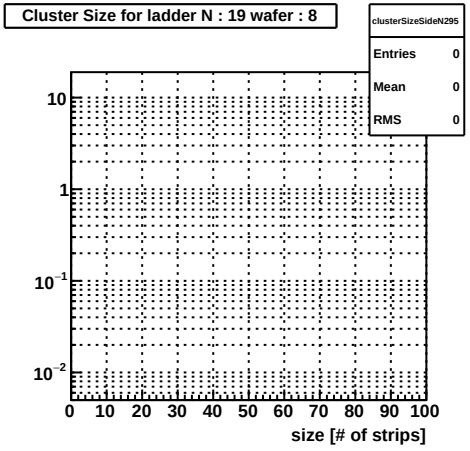

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

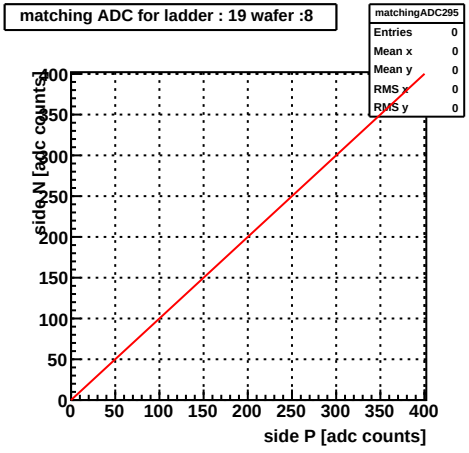

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

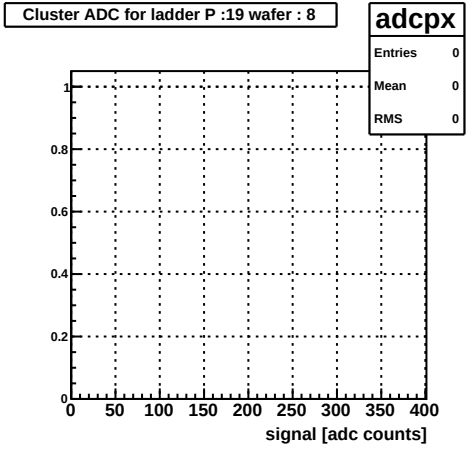

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

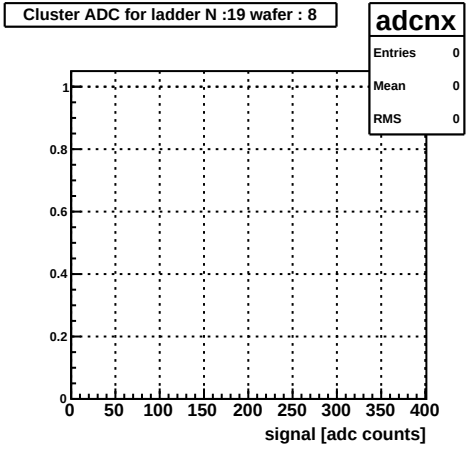

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

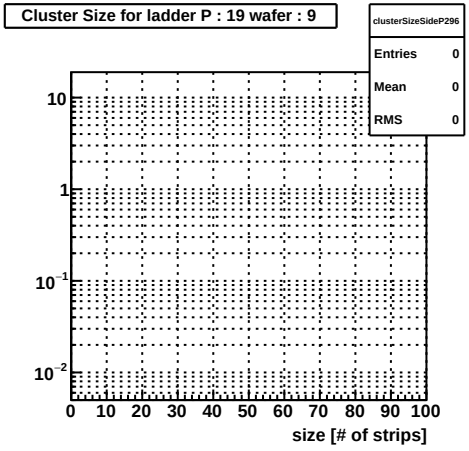

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

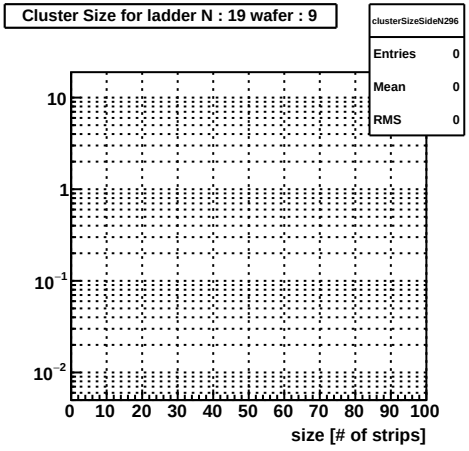

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

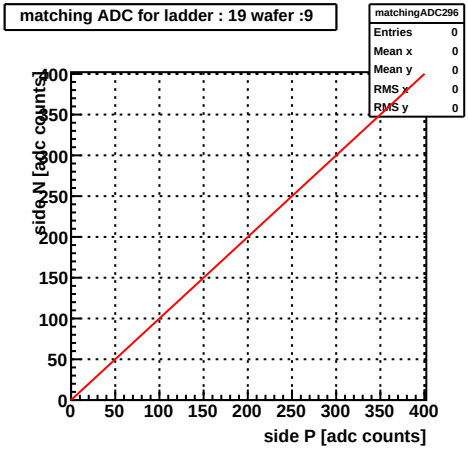

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

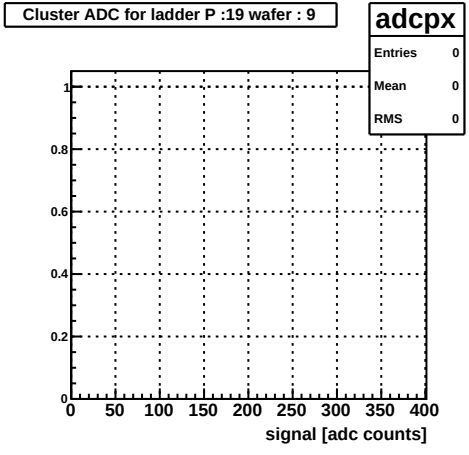

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

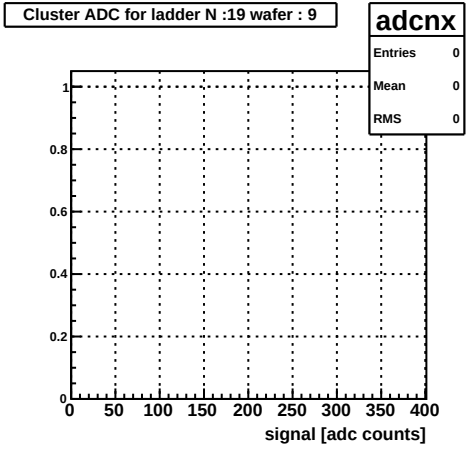

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

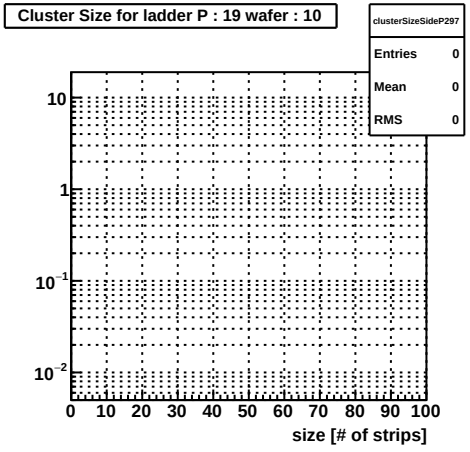

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

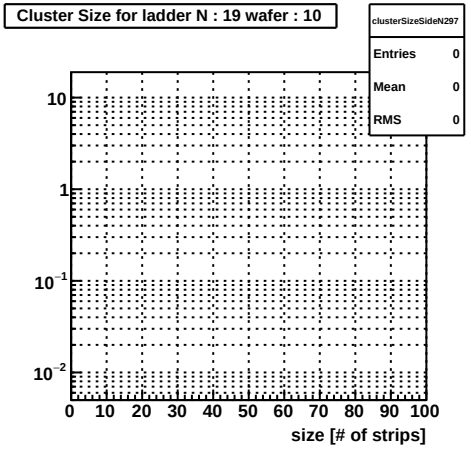

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

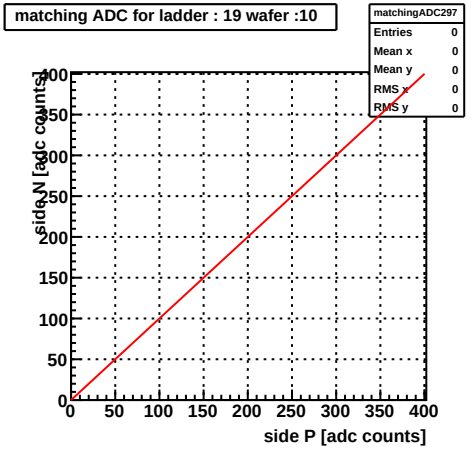

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

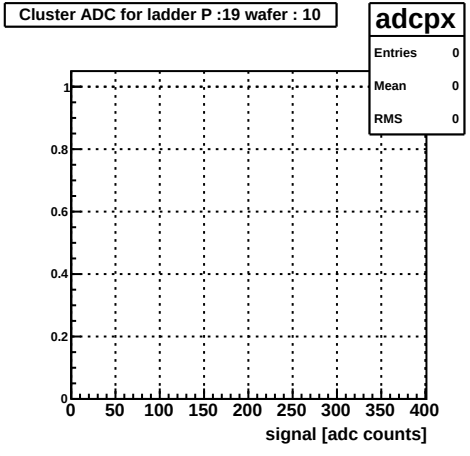

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

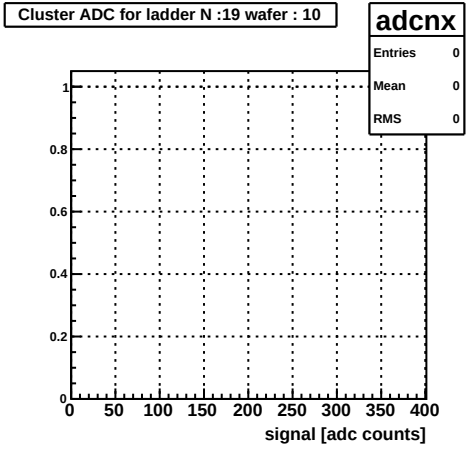

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

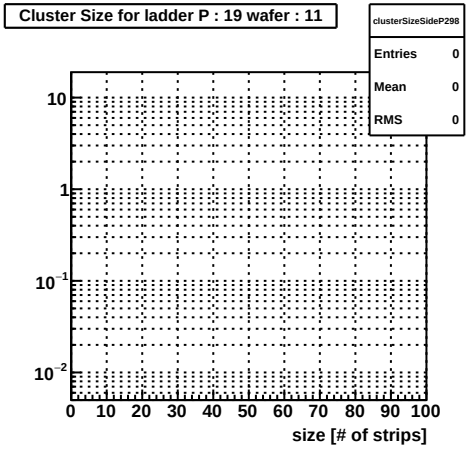

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

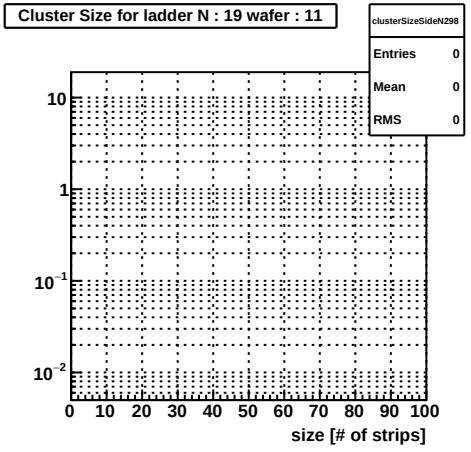

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

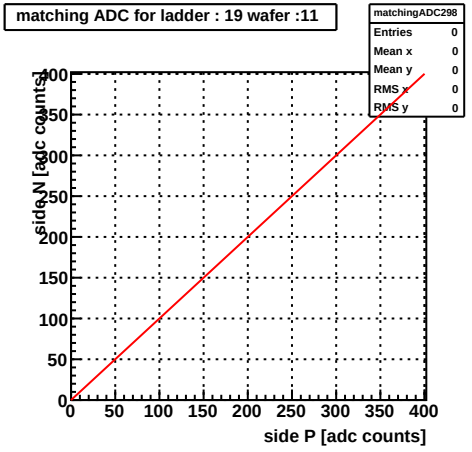

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

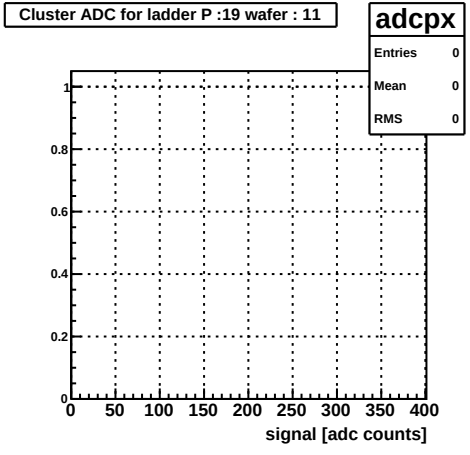

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

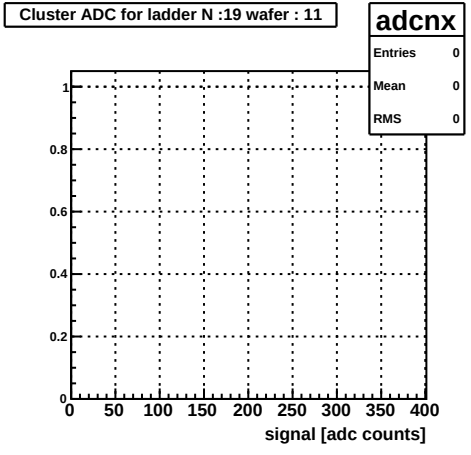

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

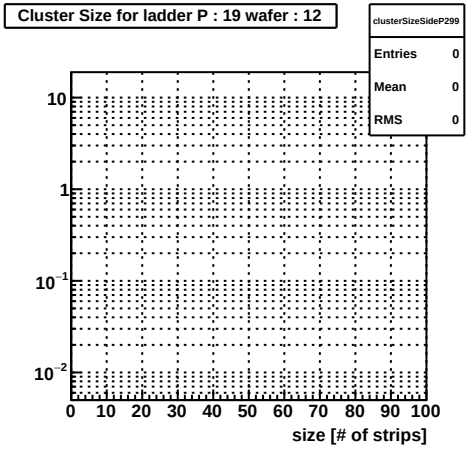

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

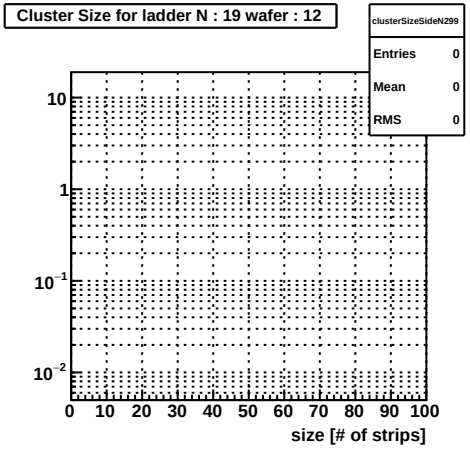

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

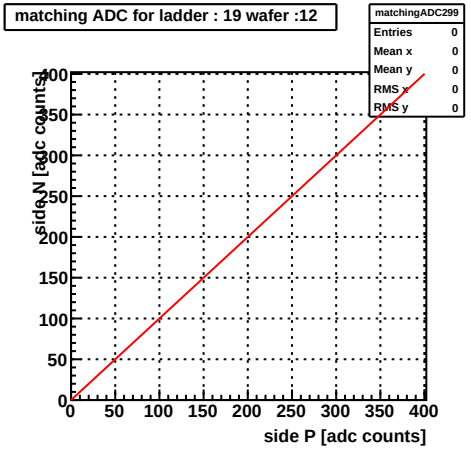

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

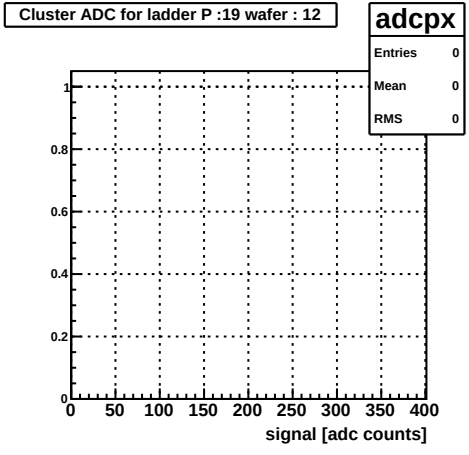

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

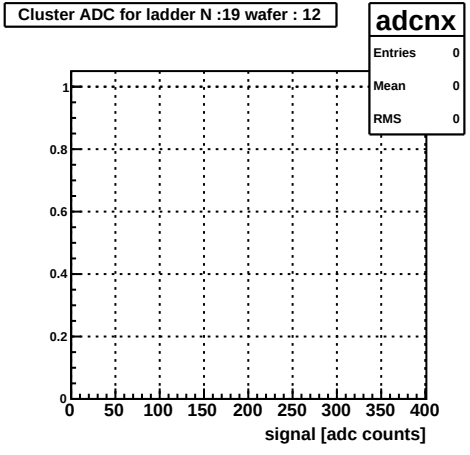

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

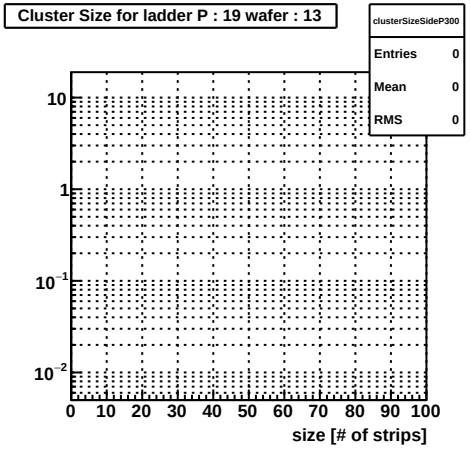

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

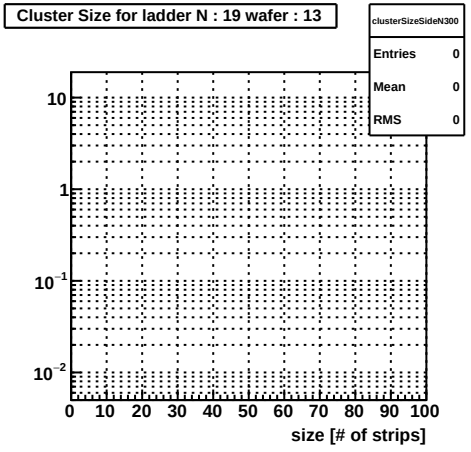

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

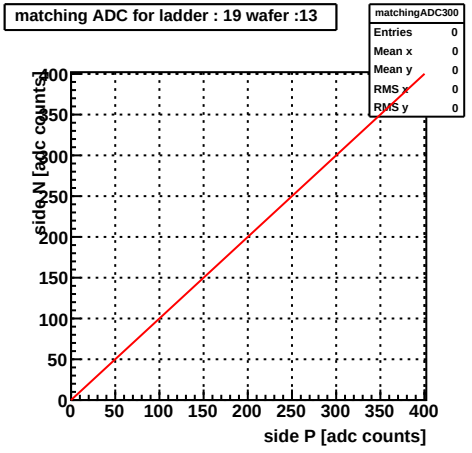

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

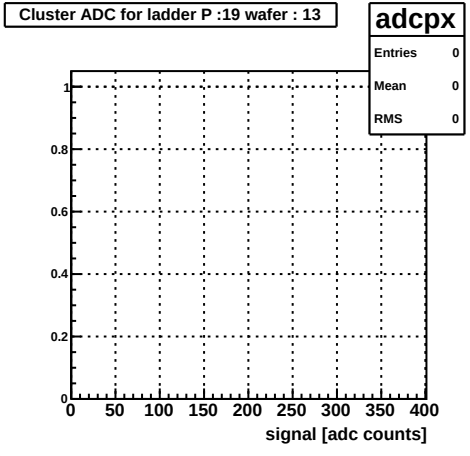

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

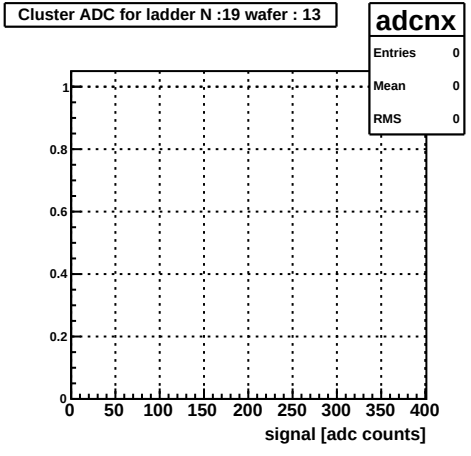

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

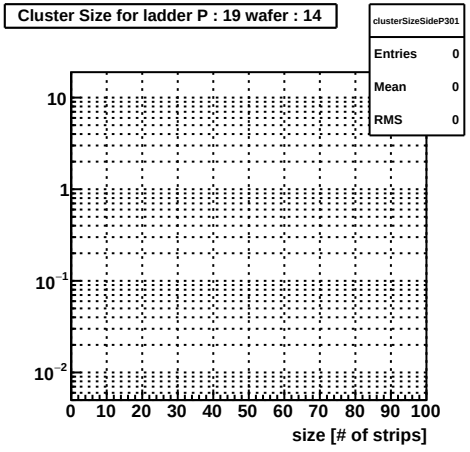

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

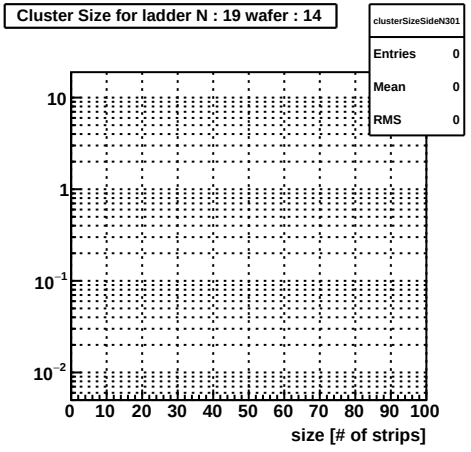

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

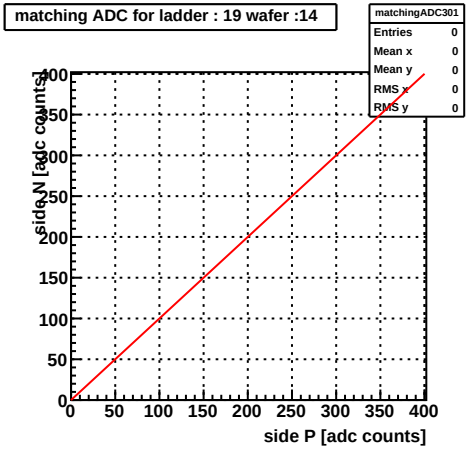

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

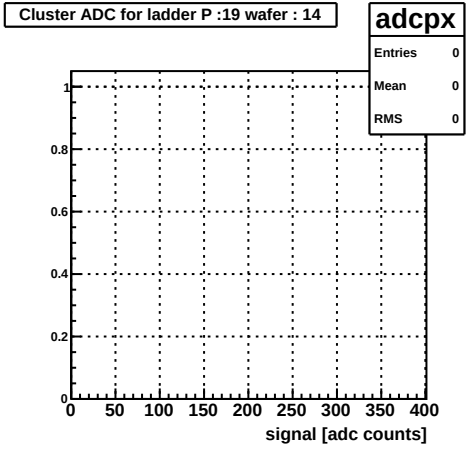

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

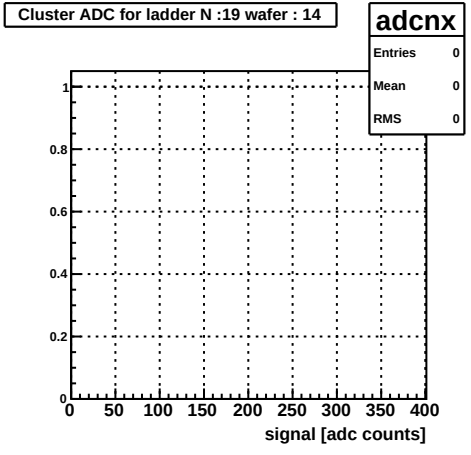

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

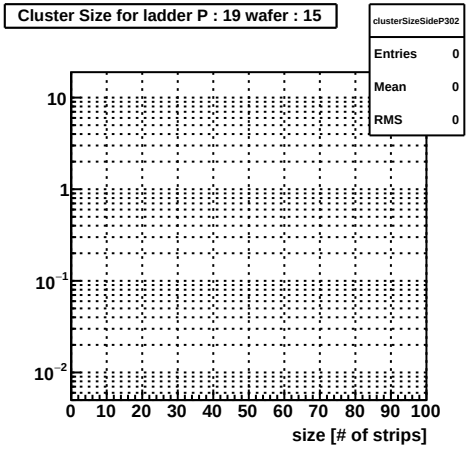

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

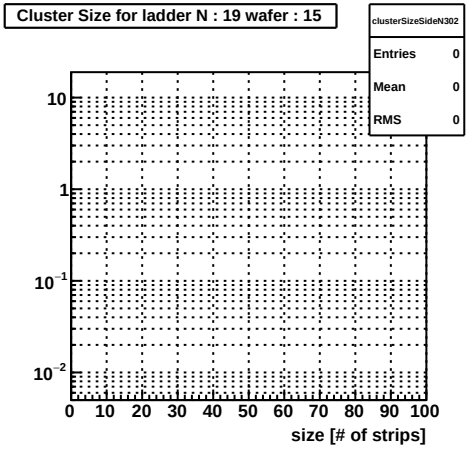

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

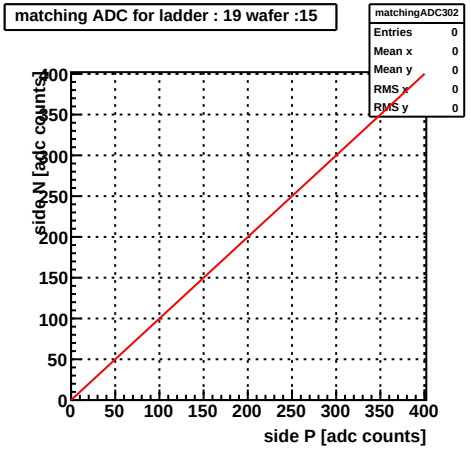

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

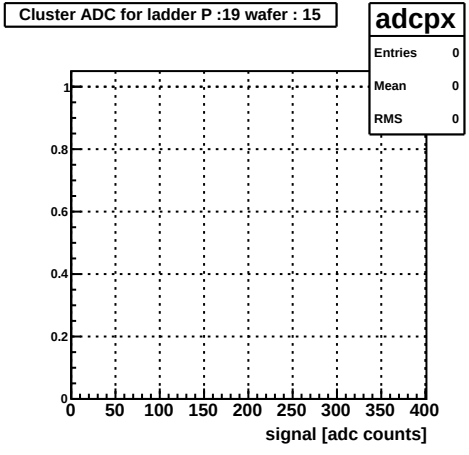

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

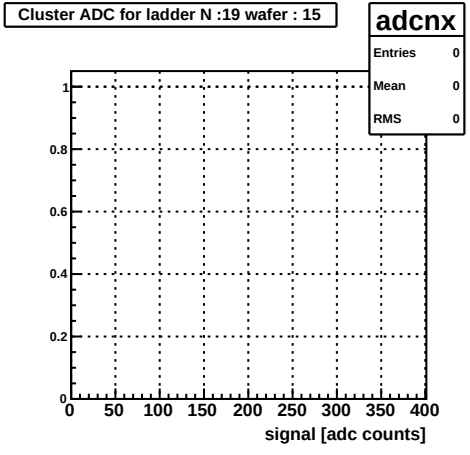

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

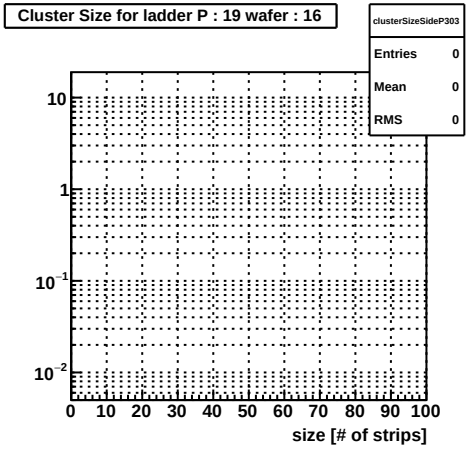

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

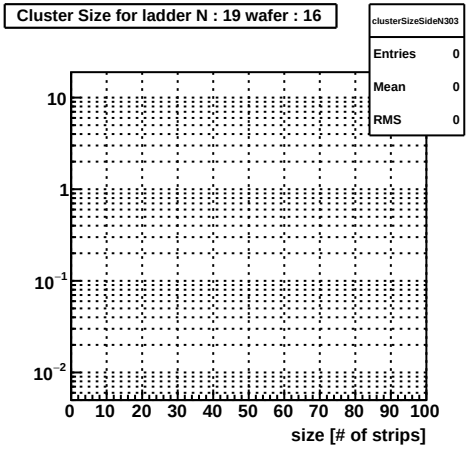

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

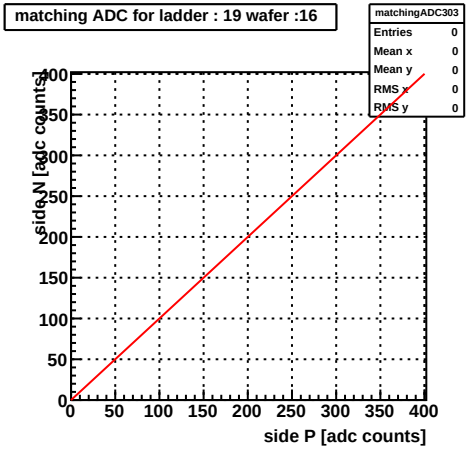

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

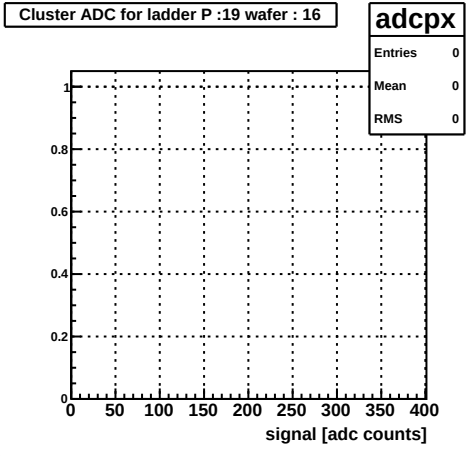

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

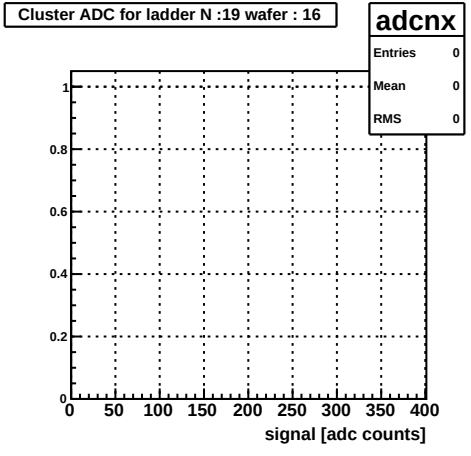

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

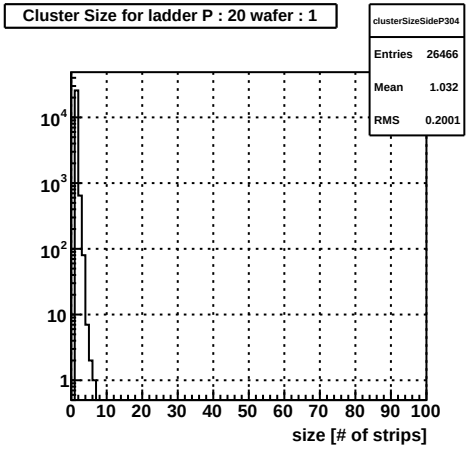

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

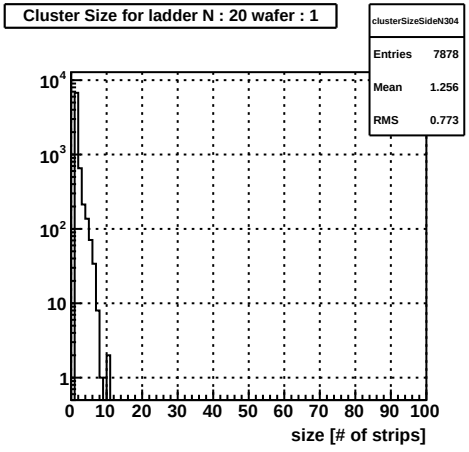

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

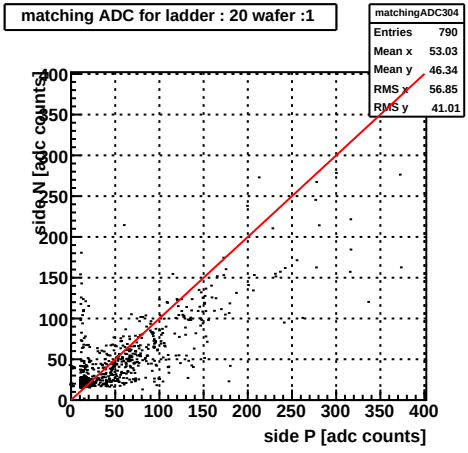

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

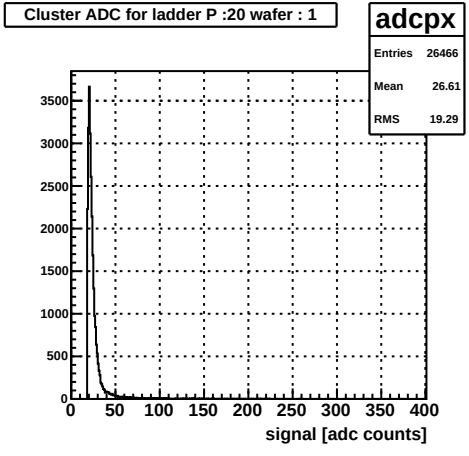

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

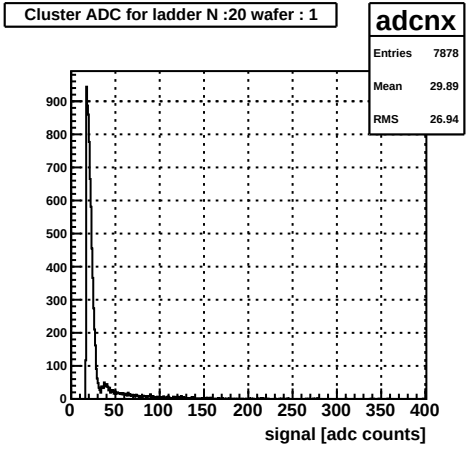

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

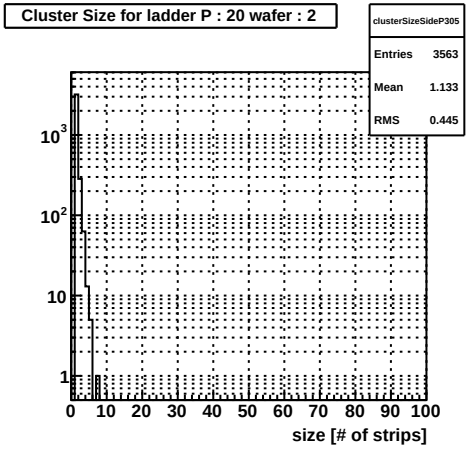

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 26466
Mean 1.032
RMS 0.2001
size [# of strips]

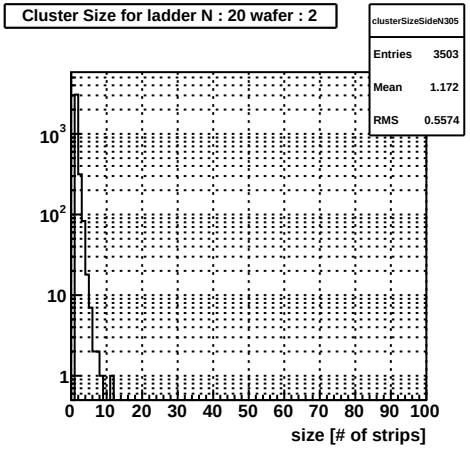

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 7878
Mean 1.256
RMS 0.773
size [# of strips]

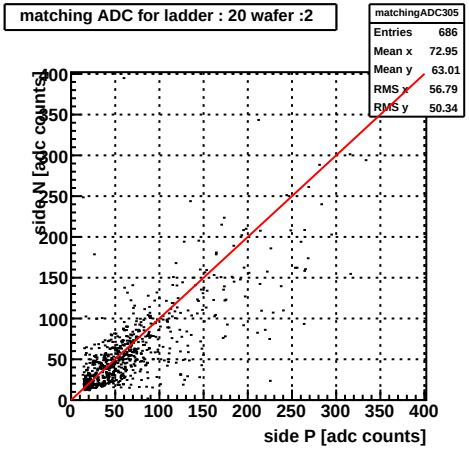

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 790
Mean x 53.03
Mean y 46.34
RMS x 56.85
RMS y 41.01
side N [adc counts]
side P [adc counts]

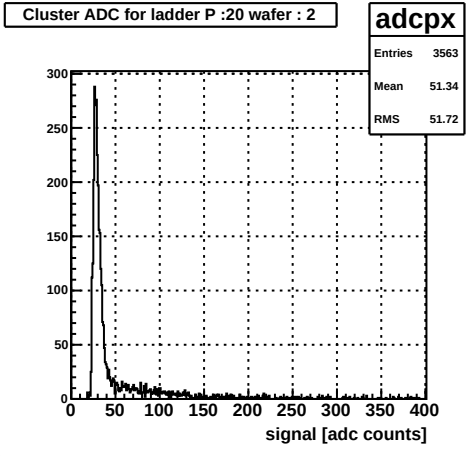

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 26466
Mean 26.61
RMS 19.29
signal [adc counts]

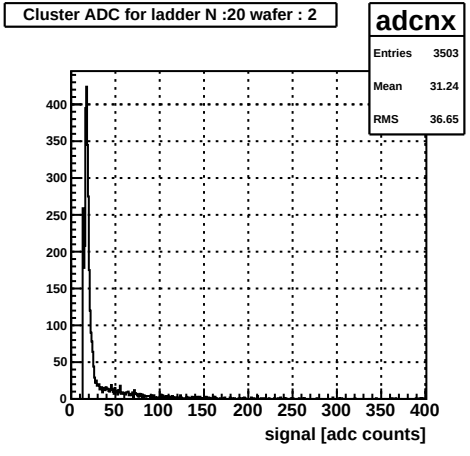

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 7878
Mean 29.89
RMS 26.94
signal [adc counts]

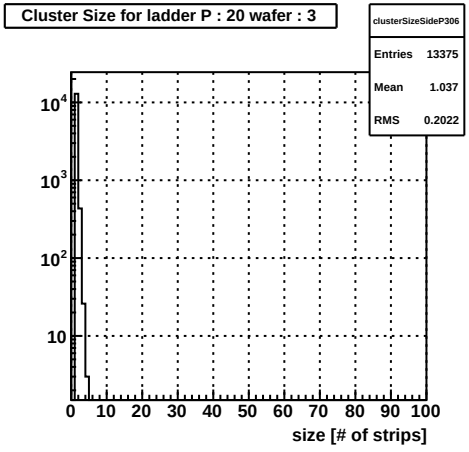

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 3563
Mean 1.133
RMS 0.445
size [# of strips]

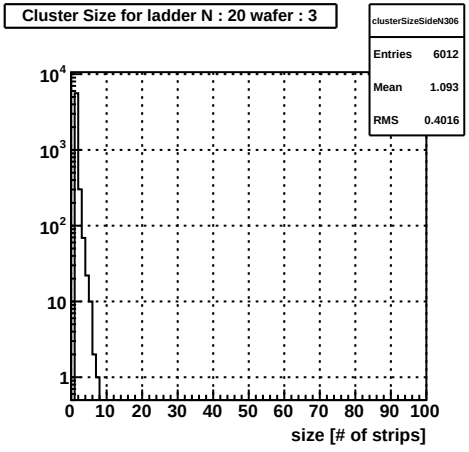

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3503
Mean 1.172
RMS 0.5574
size [# of strips]

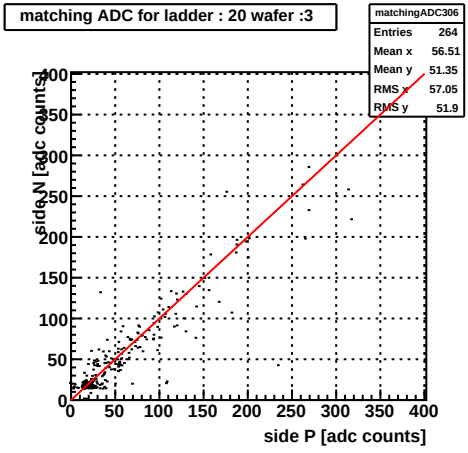

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 686
Mean x 72.95
Mean y 63.01
RMS x 56.79
RMS y 50.34
side N [adc counts]
side P [adc counts]

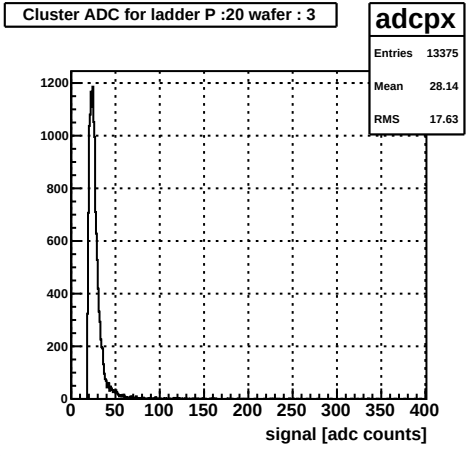

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 3563
Mean 51.34
RMS 51.72
signal [adc counts]

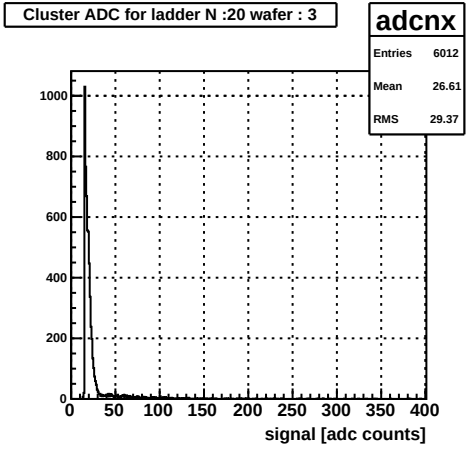

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3503
Mean 31.24
RMS 36.65
signal [adc counts]

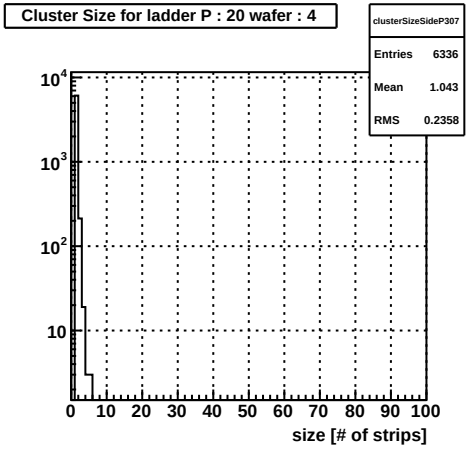

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 13375
Mean 1.037
RMS 0.2022
size [# of strips]

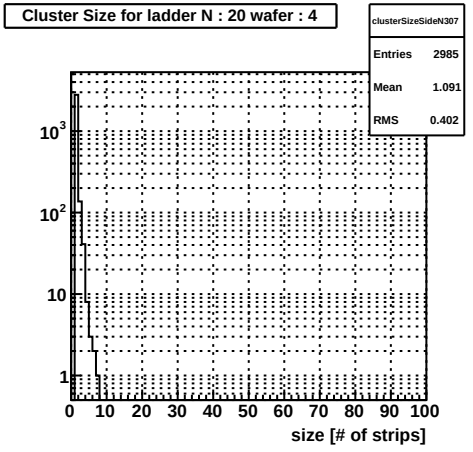

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6012
Mean 1.093
RMS 0.4016
size [# of strips]

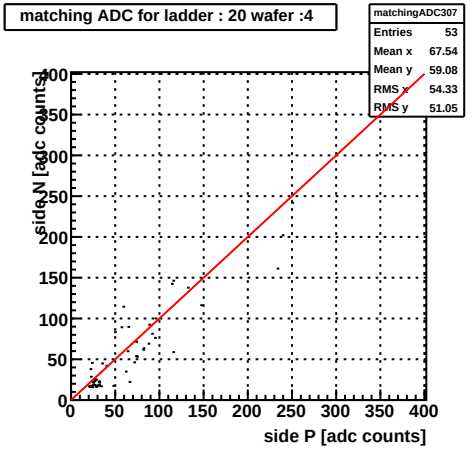

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 264
Mean x 56.51
Mean y 51.35
RMS x 57.05
RMS y 51.9
side N [adc counts]
side P [adc counts]

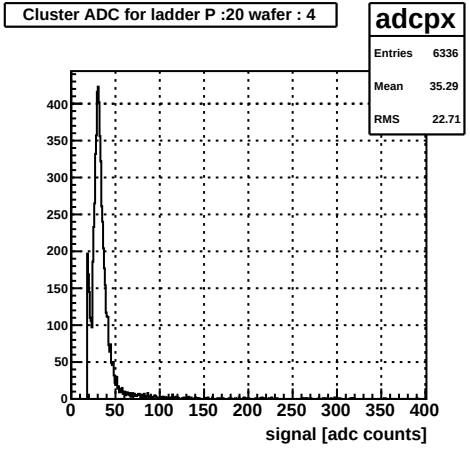

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 13375
Mean 28.14
RMS 17.63
signal [adc counts]

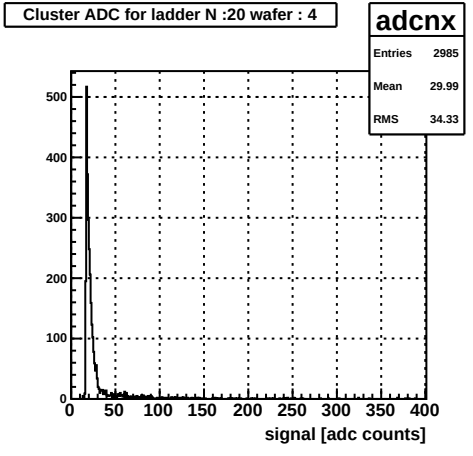

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6012
Mean 26.61
RMS 29.37
signal [adc counts]

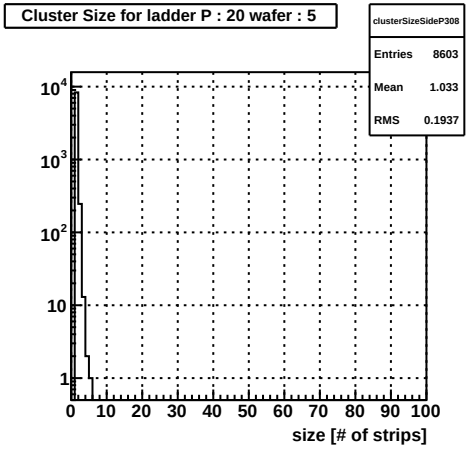

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 6336
Mean 1.043
RMS 0.2358
size [# of strips]

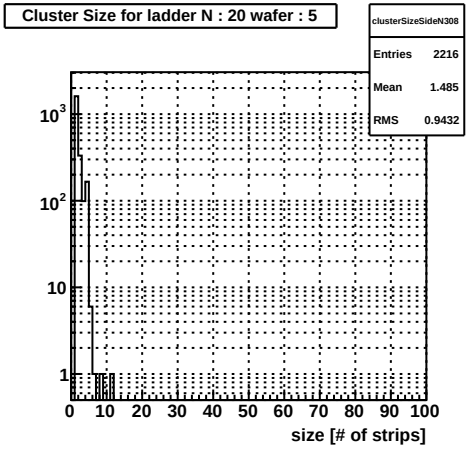

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2985
Mean 1.091
RMS 0.402
size [# of strips]

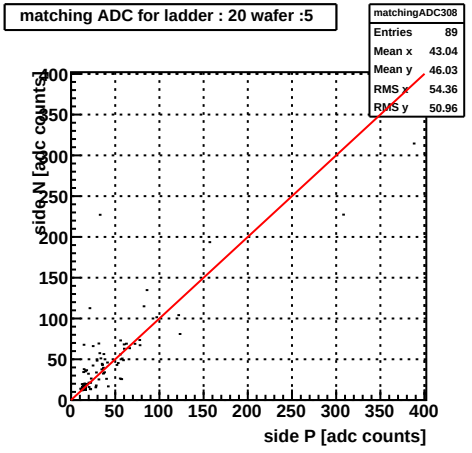

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 53
Mean x 67.54
Mean y 59.08
RMS x 54.33
RMS y 51.05
side N [adc counts]
side P [adc counts]

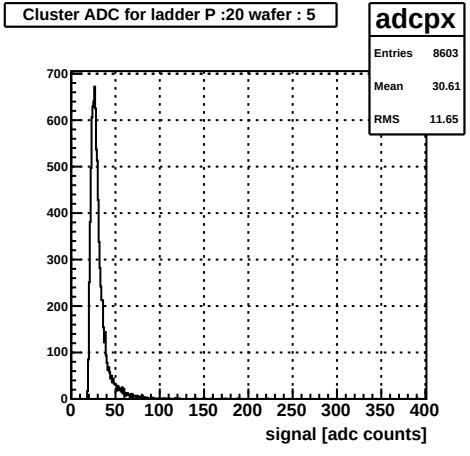

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 6336
Mean 35.29
RMS 22.71
signal [adc counts]

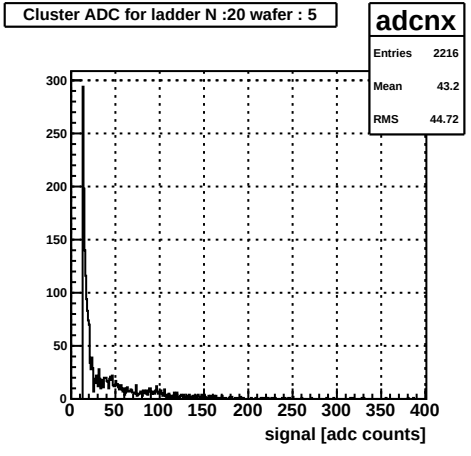

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2985
Mean 29.99
RMS 34.33
signal [adc counts]

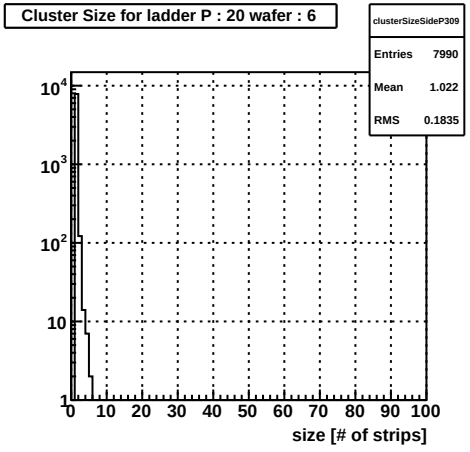

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 8603
Mean 1.033
RMS 0.1937
size [# of strips]

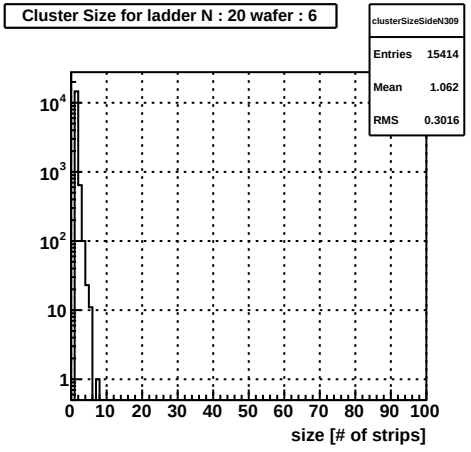

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2216
Mean 1.485
RMS 0.9432
size [# of strips]

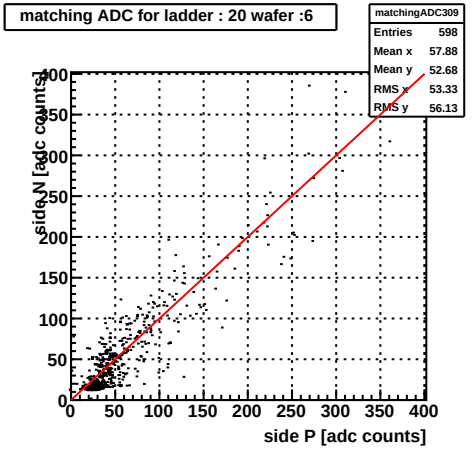

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 89
Mean x 43.04
Mean y 46.03
RMS x 54.36
RMS y 50.96
side N [adc counts]
side P [adc counts]

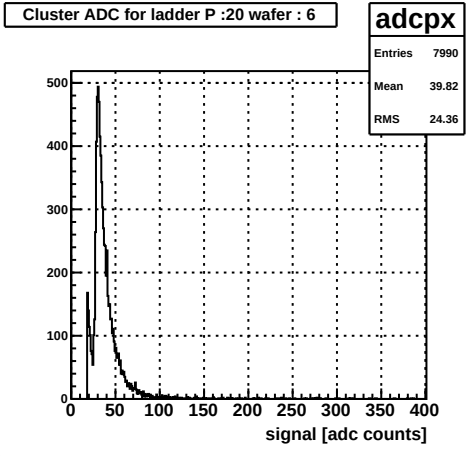

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 8603
Mean 30.61
RMS 11.65
signal [adc counts]

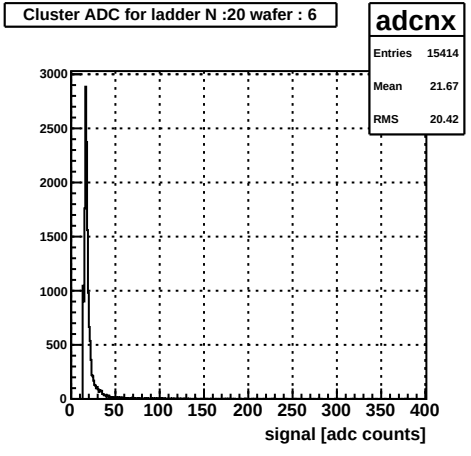

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2216
Mean 43.2
RMS 44.72
signal [adc counts]

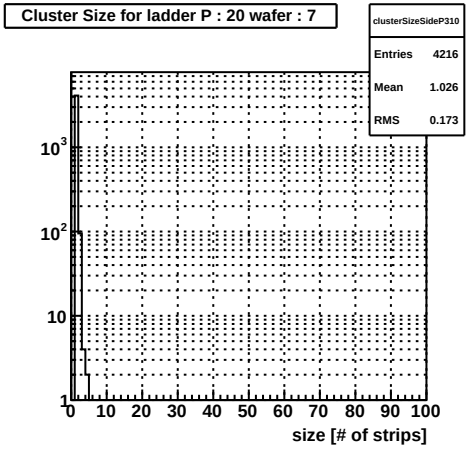

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 7990
Mean 1.022
RMS 0.1835
size [# of strips]

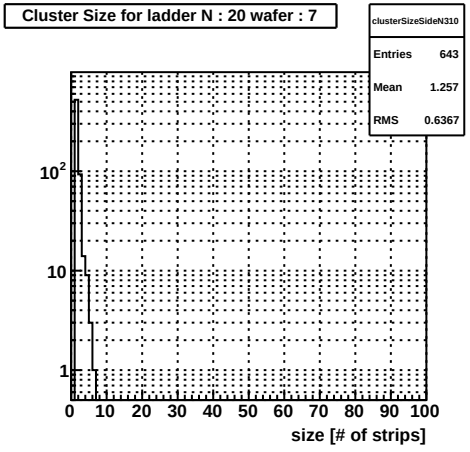

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 15414
Mean 1.062
RMS 0.3016
size [# of strips]

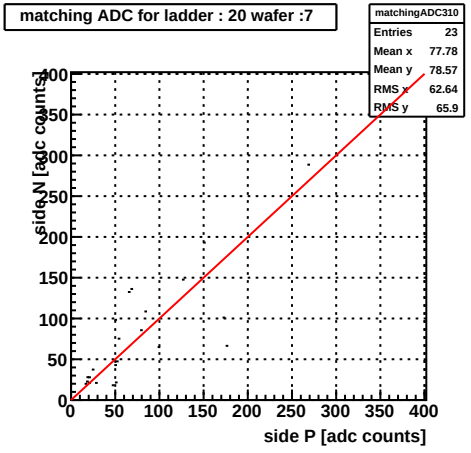

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 598
Mean x 57.88
Mean y 52.68
RMS x 53.33
RMS y 56.13
side N [adc counts]
side P [adc counts]

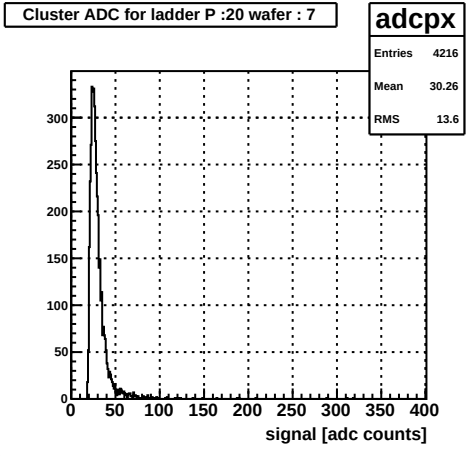

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 7990
Mean 39.82
RMS 24.36
signal [adc counts]

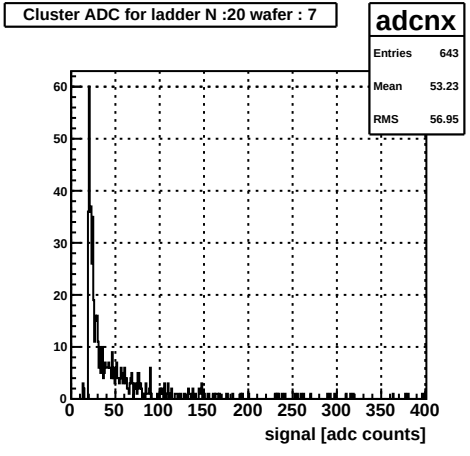

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 15414
Mean 21.67
RMS 20.42
signal [adc counts]

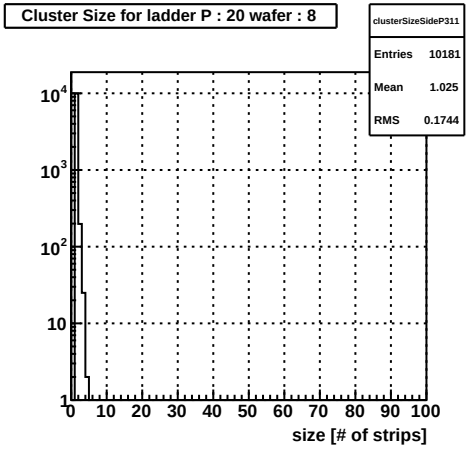

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 4216
Mean 1.026
RMS 0.173
size [# of strips]

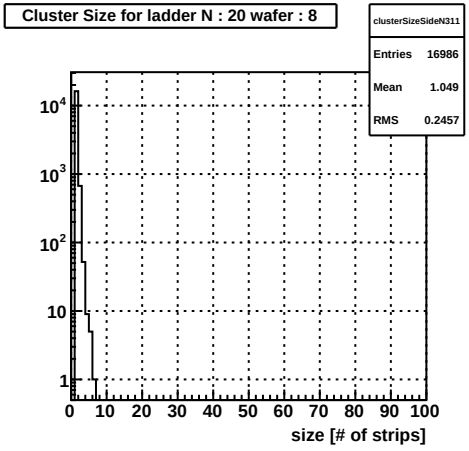

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 643
Mean 1.257
RMS 0.6367
size [# of strips]

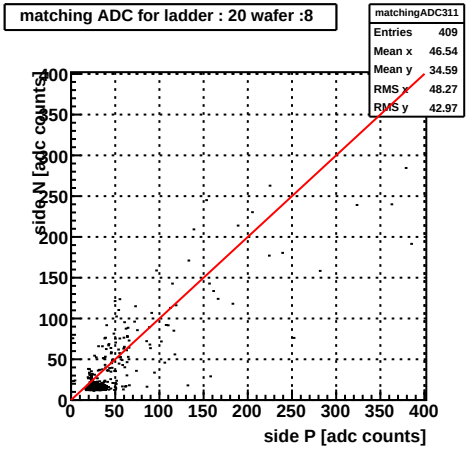

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 23
Mean x 77.78
Mean y 78.57
RMS x 62.64
RMS y 65.9
side N [adc counts]
side P [adc counts]

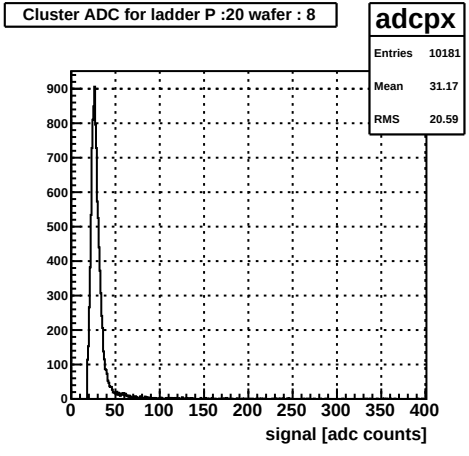

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 4216
Mean 30.26
RMS 13.6
signal [adc counts]

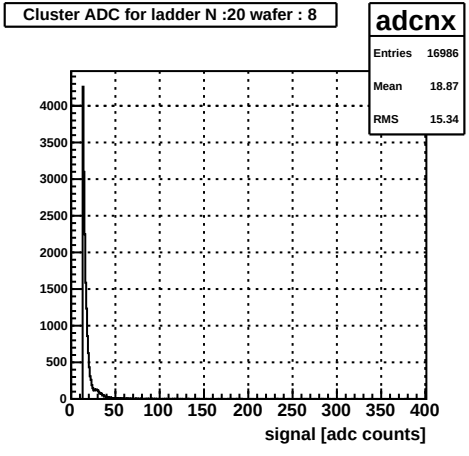

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 643
Mean 53.23
RMS 56.95
signal [adc counts]

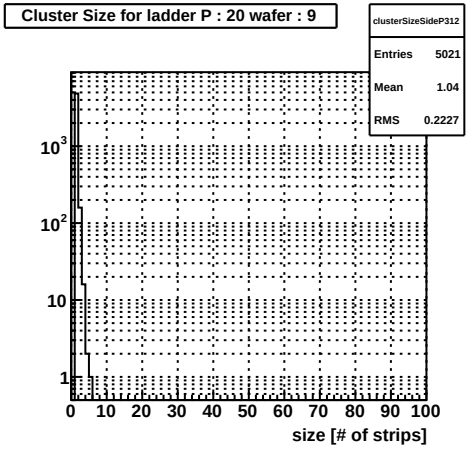

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 10181
Mean 1.025
RMS 0.1744
size [# of strips]

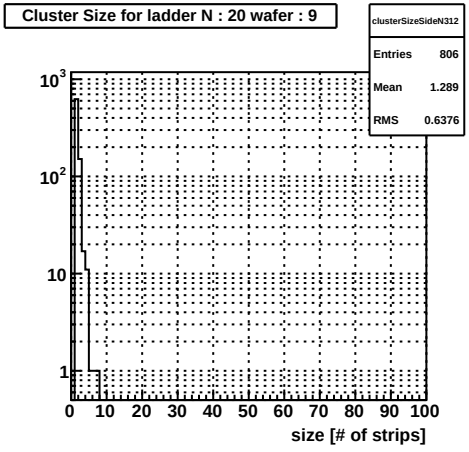

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 16986
Mean 1.049
RMS 0.2457
size [# of strips]

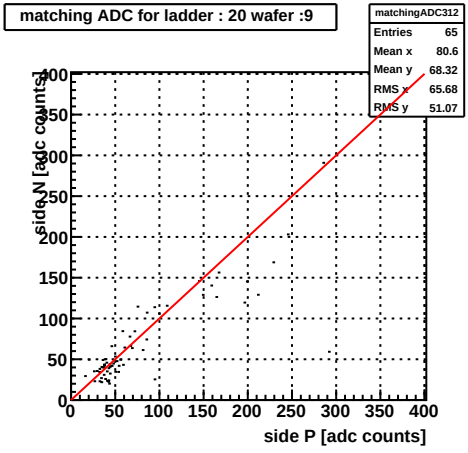

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 409
Mean x 46.54
Mean y 34.59
RMS x 48.27
RMS y 42.97
side N [adc counts]
side P [adc counts]

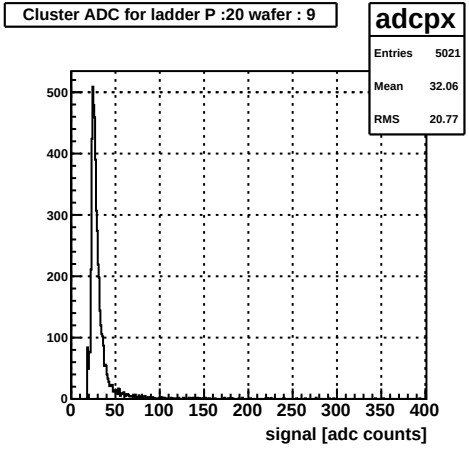

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 10181
Mean 31.17
RMS 20.59
signal [adc counts]

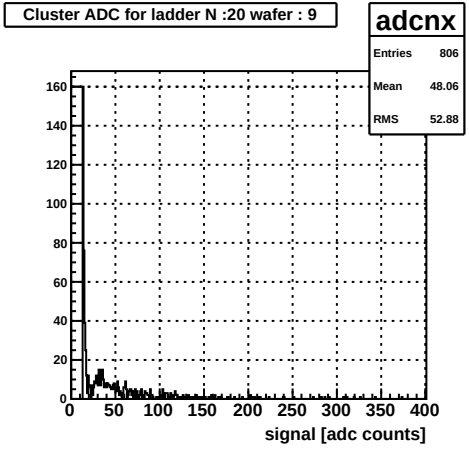

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 16986
Mean 18.87
RMS 15.34
signal [adc counts]

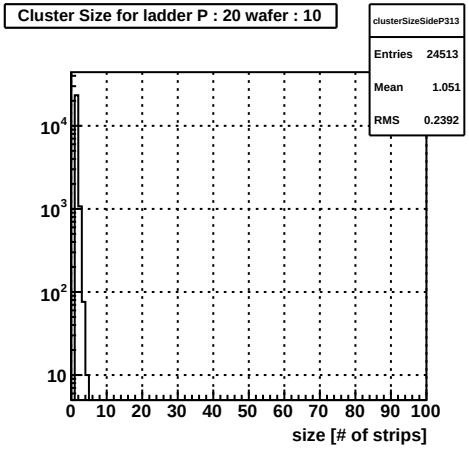

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 5021
Mean 1.04
RMS 0.2227
size [# of strips]

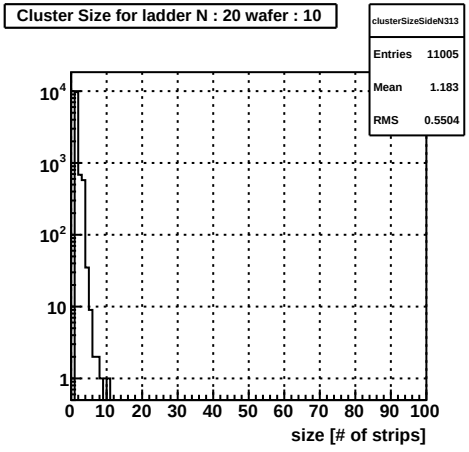

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 806
Mean 1.289
RMS 0.6376
size [# of strips]

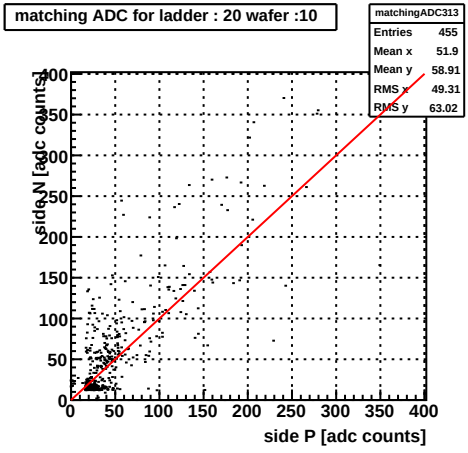

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 65
Mean x 80.6
Mean y 68.32
RMS x 65.68
RMS y 51.07
side N [adc counts]
side P [adc counts]

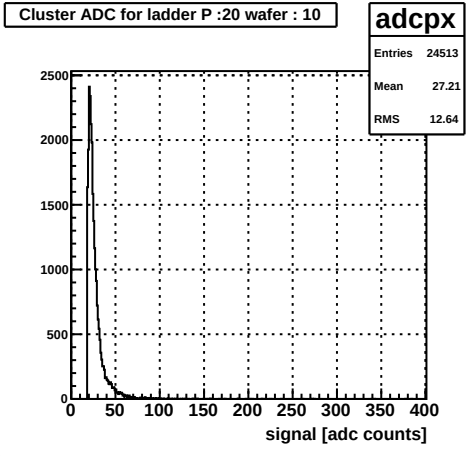

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 5021
Mean 32.06
RMS 20.77
signal [adc counts]

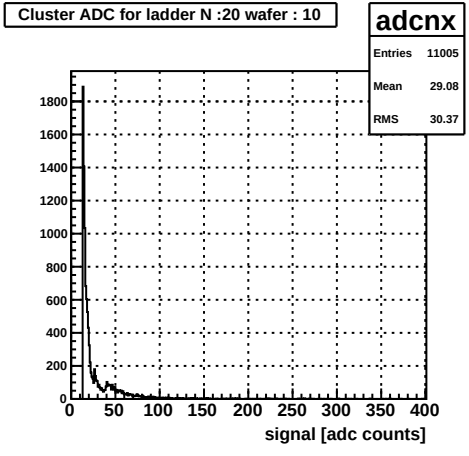

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 806
Mean 48.06
RMS 52.88
signal [adc counts]

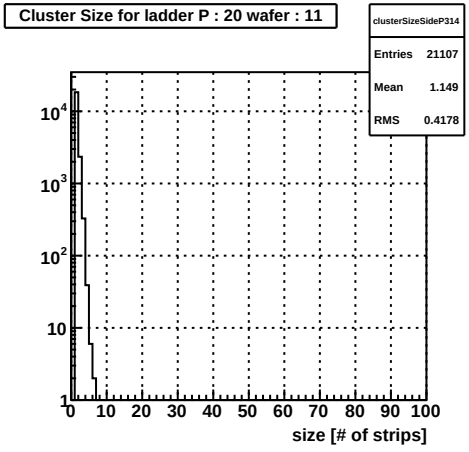

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 24513
Mean 1.051
RMS 0.2392
size [# of strips]

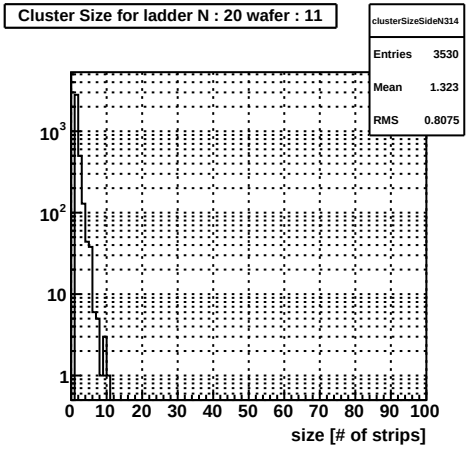

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 11005
Mean 1.183
RMS 0.5504
size [# of strips]

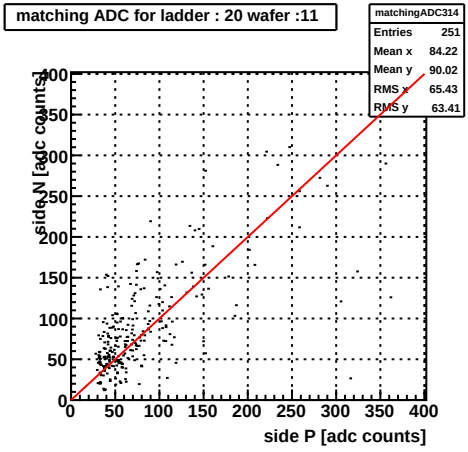

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 455
Mean x 51.9
Mean y 58.91
RMS x 49.31
RMS y 63.02
side N [adc counts]
side P [adc counts]

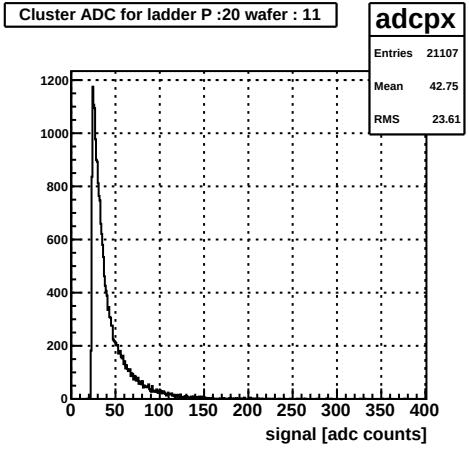

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 24513
Mean 27.21
RMS 12.64
signal [adc counts]

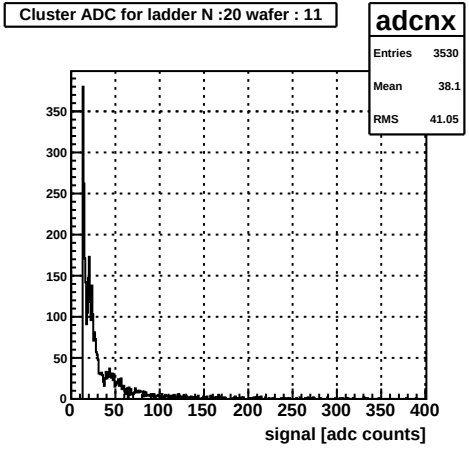

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 11005
Mean 29.08
RMS 30.37
signal [adc counts]

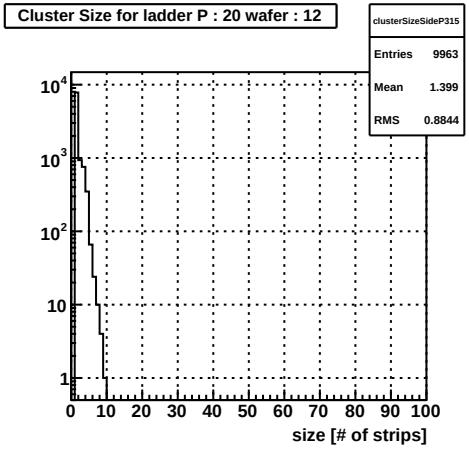

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 21107
Mean 1.149
RMS 0.4178
size [# of strips]

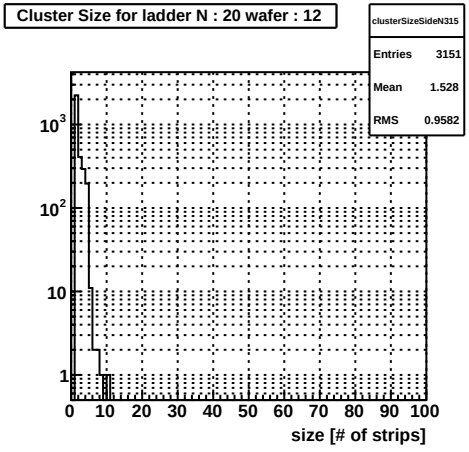

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3530
Mean 1.323
RMS 0.8075
size [# of strips]

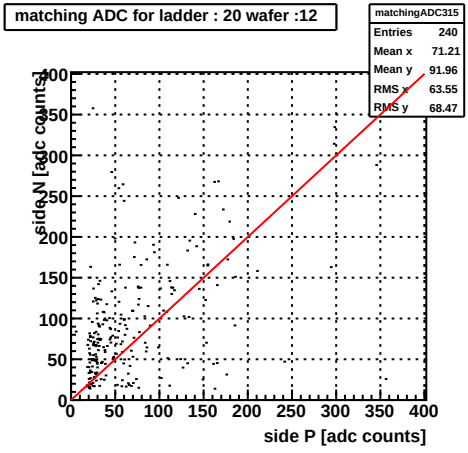

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 251
Mean x 84.22
Mean y 90.02
RMS x 65.43
RMS y 63.41
side N [adc counts]
side P [adc counts]

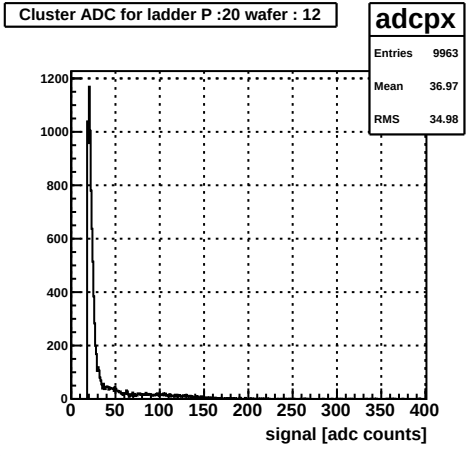

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 21107
Mean 42.75
RMS 23.61
signal [adc counts]

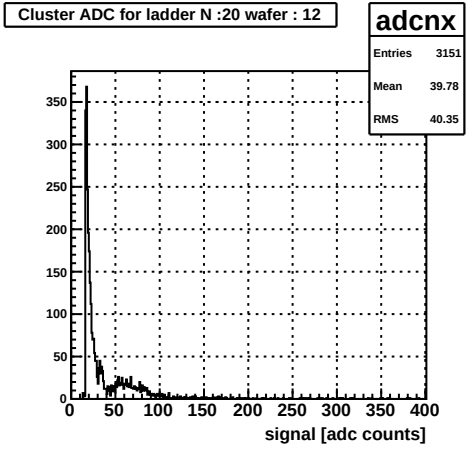

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3530
Mean 38.1
RMS 41.05
signal [adc counts]

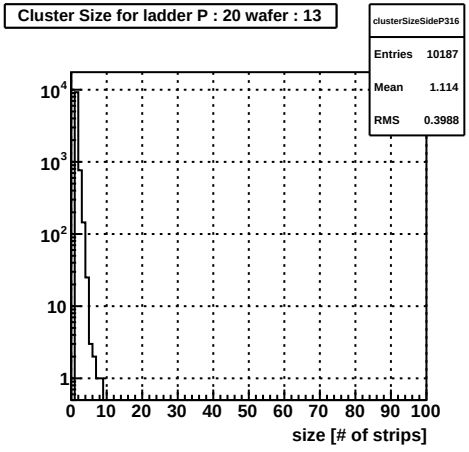

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 9963
Mean 1.399
RMS 0.8844
size [# of strips]

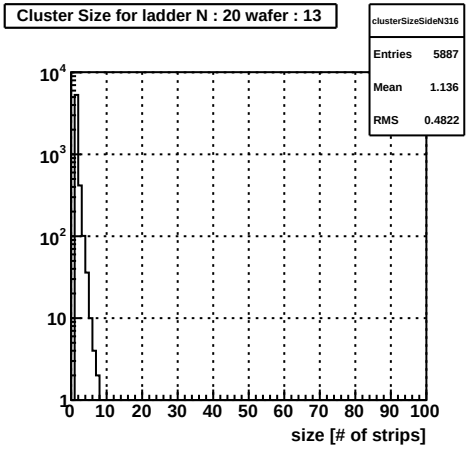

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 3151
Mean 1.528
RMS 0.9582
size [# of strips]

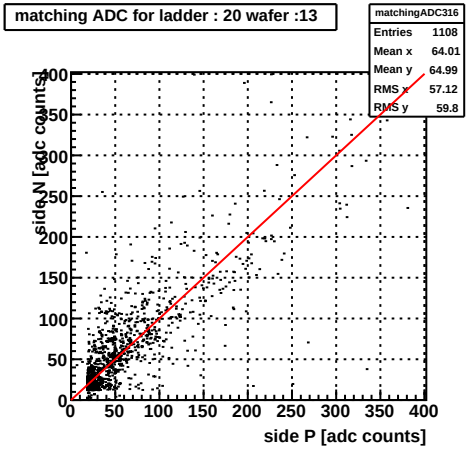

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 240
Mean x 71.21
Mean y 91.96
RMS x 63.55
RMS y 68.47
side N [adc counts]
side P [adc counts]

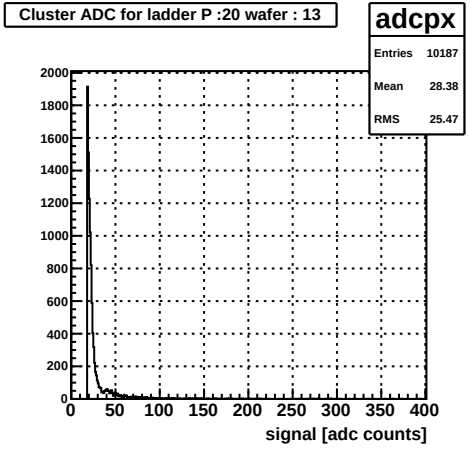

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 9963
Mean 36.97
RMS 34.98
signal [adc counts]

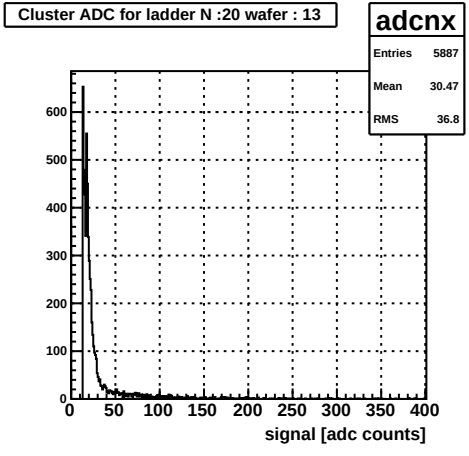

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 3151
Mean 39.78
RMS 40.35
signal [adc counts]

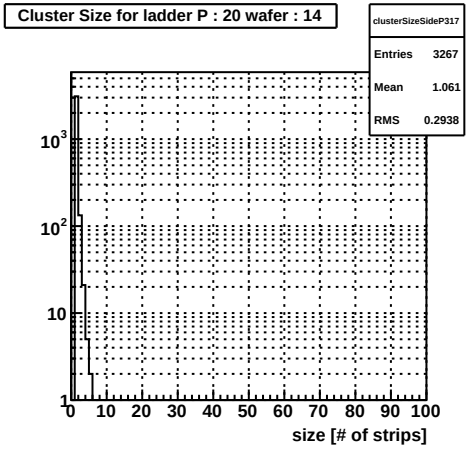

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10187
Mean 1.114
RMS 0.3988
size [# of strips]

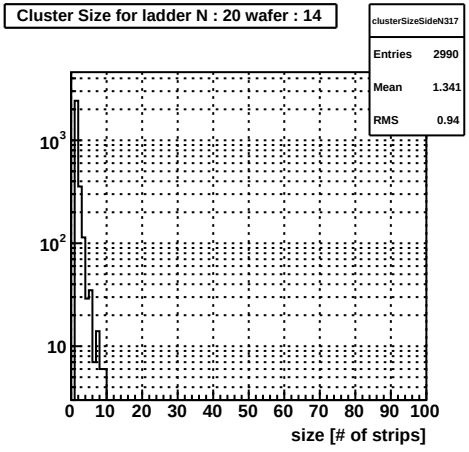

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 5887
Mean 1.136
RMS 0.4822
size [# of strips]

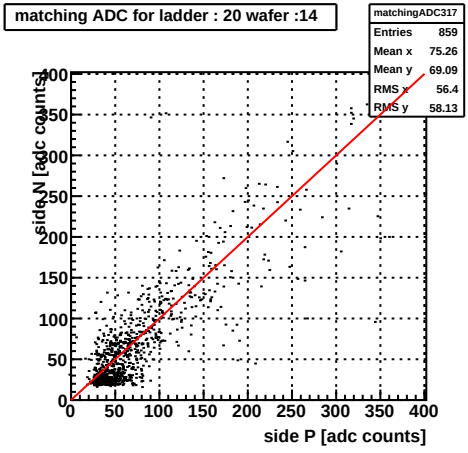

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1108
Mean x 64.01
Mean y 64.99
RMS x 57.12
RMS y 59.8
side N [adc counts]
side P [adc counts]

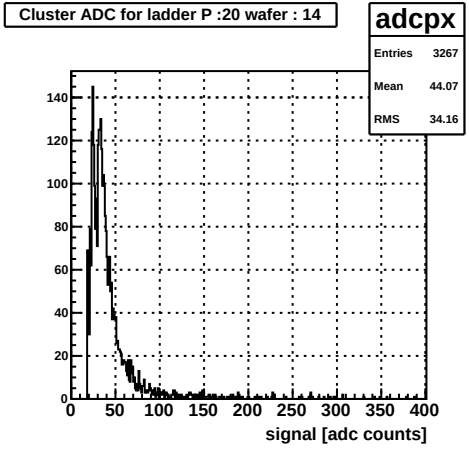

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10187
Mean 28.38
RMS 25.47
signal [adc counts]

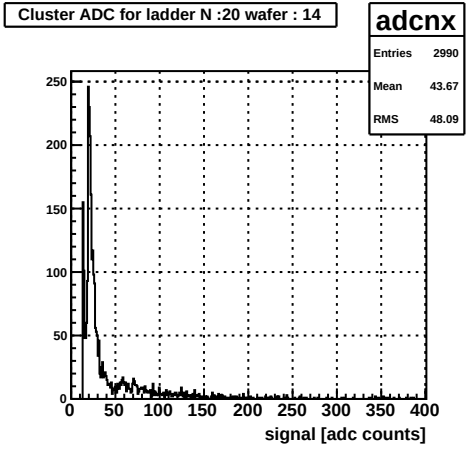

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 5887
Mean 30.47
RMS 36.8
signal [adc counts]

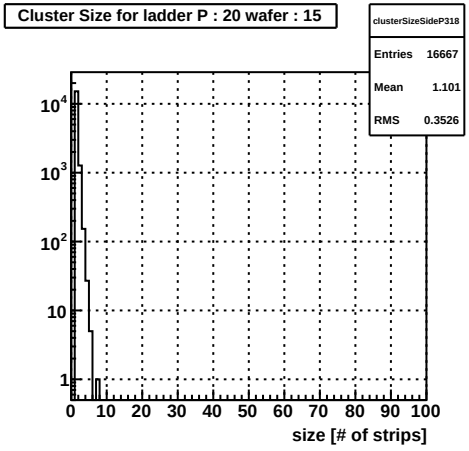

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 3267
Mean 1.061
RMS 0.2938
size [# of strips]

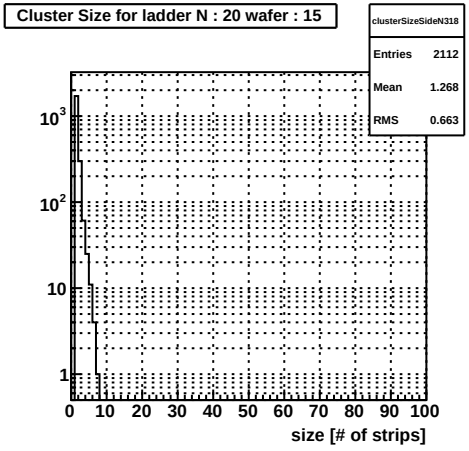

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2990
Mean 1.341
RMS 0.94
size [# of strips]

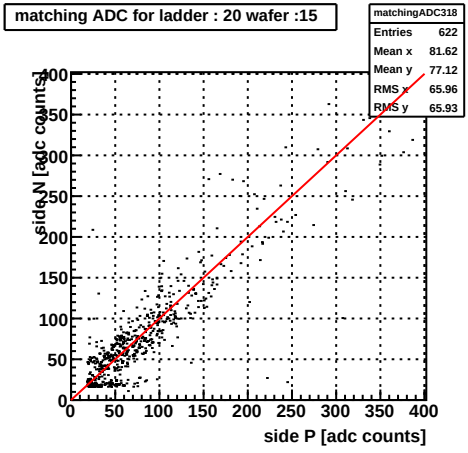

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 859
Mean x 75.26
Mean y 69.09
RMS x 56.4
RMS y 58.13
side N [adc counts]
side P [adc counts]

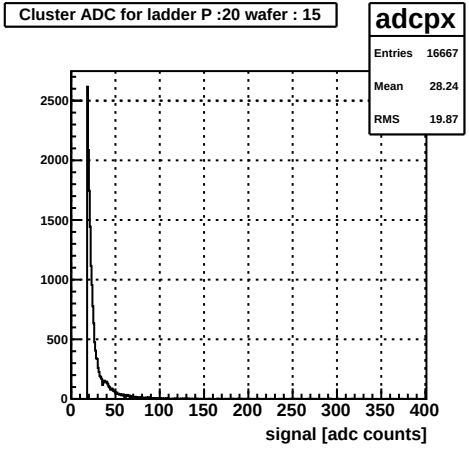

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 3267
Mean 44.07
RMS 34.16
signal [adc counts]

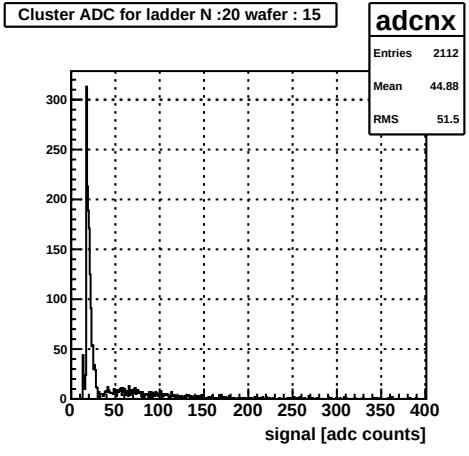

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2990
Mean 43.67
RMS 48.09
signal [adc counts]

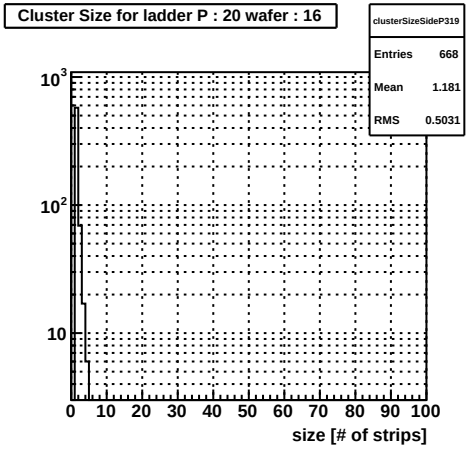

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 16667
Mean 1.101
RMS 0.3526
size [# of strips]

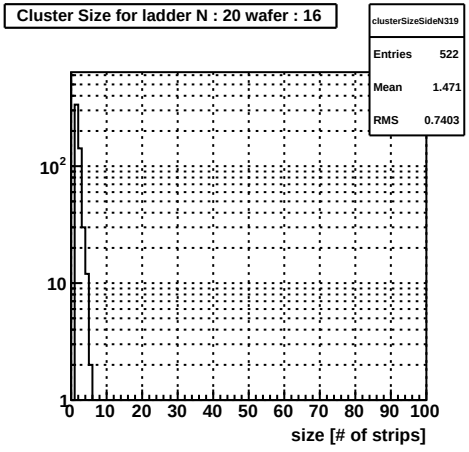

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2112
Mean 1.268
RMS 0.663
size [# of strips]

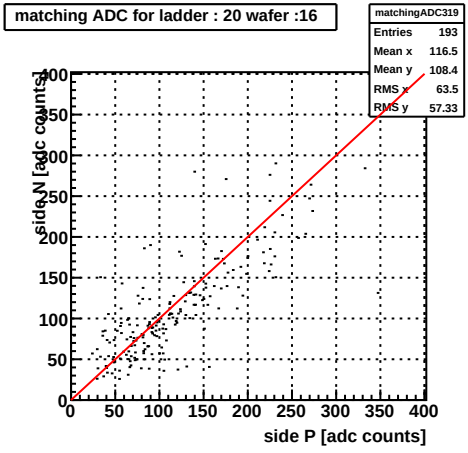

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 622
Mean x 81.62
Mean y 77.12
RMS x 65.96
RMS y 65.93
side N [adc counts]
side P [adc counts]

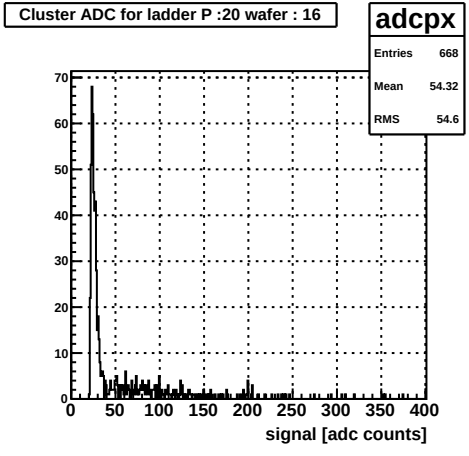

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 16667
Mean 28.24
RMS 19.87
signal [adc counts]

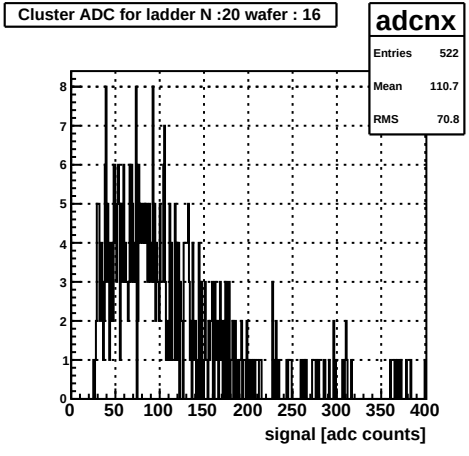

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2112
Mean 44.88
RMS 51.5
signal [adc counts]

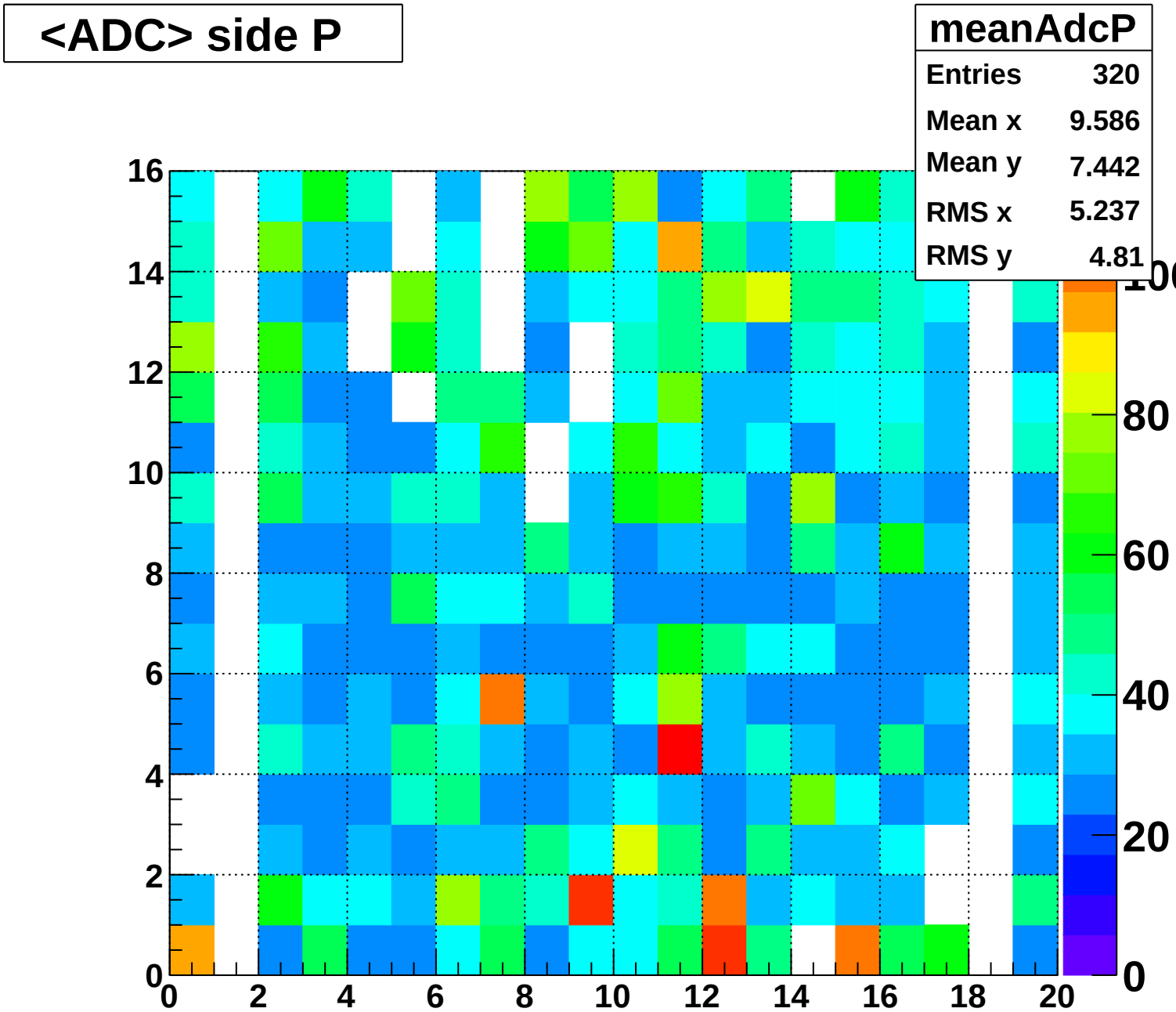

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 668
Mean 1.181
RMS 0.5031
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 522
Mean 1.471
RMS 0.7403
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 193
Mean x 116.5
Mean y 108.4
RMS x 63.5
RMS y 57.33
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 668
Mean 54.32
RMS 54.6
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 522
Mean 110.7
RMS 70.8
signal [adc counts]



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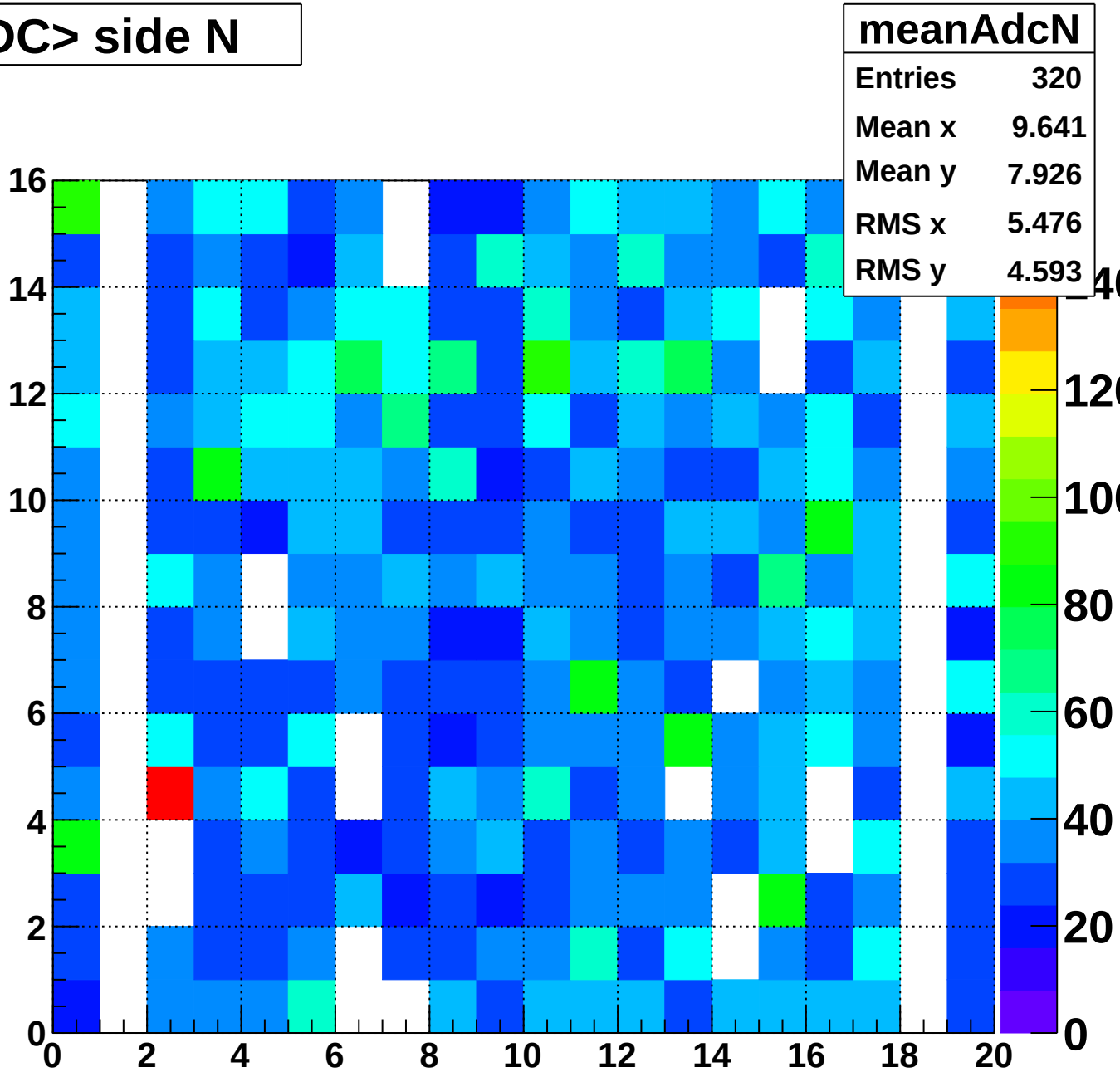
<ADC> side N



2016-05-22 09:59:32