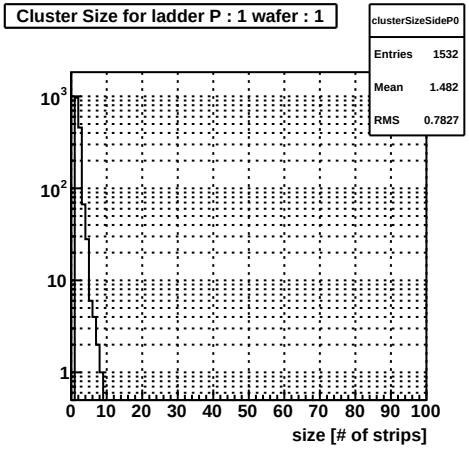
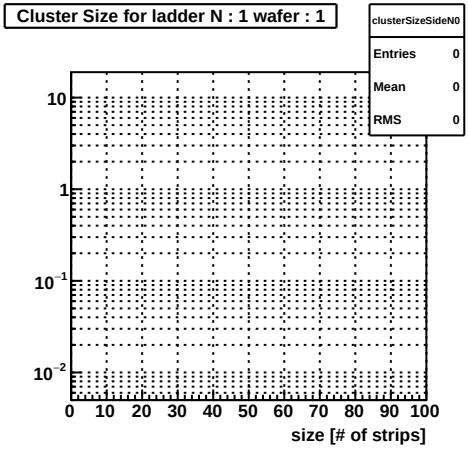
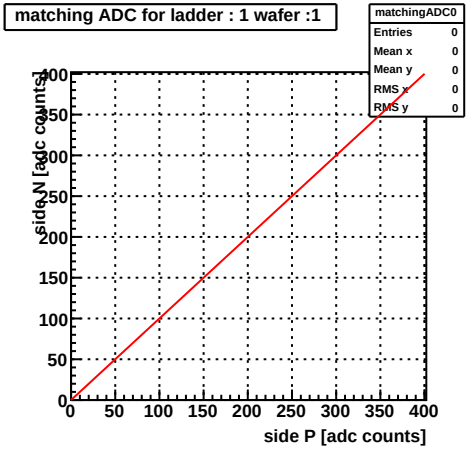
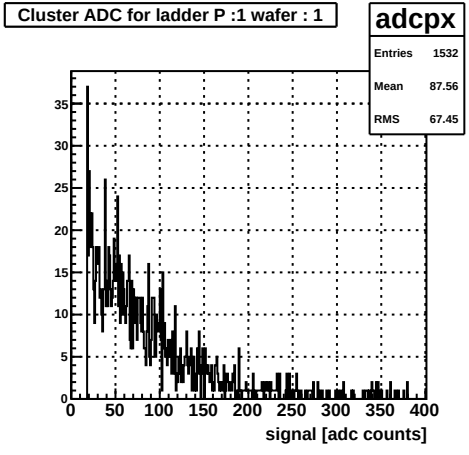
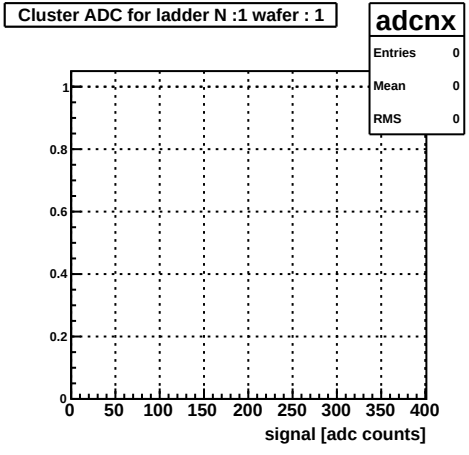
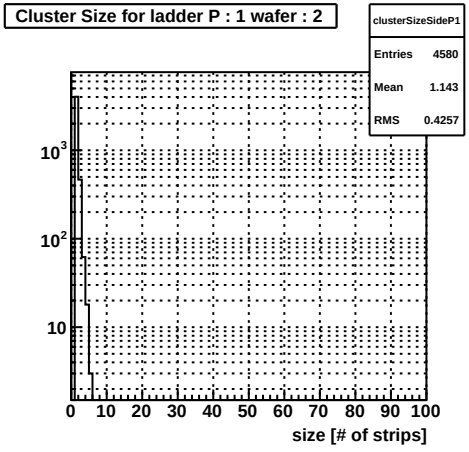

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1532
Mean 1.482
RMS 0.7827
size [# of strips]

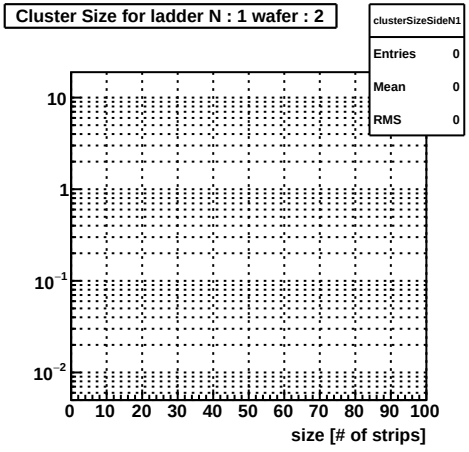

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

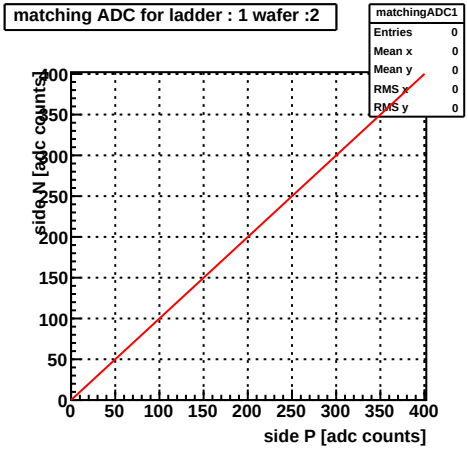

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

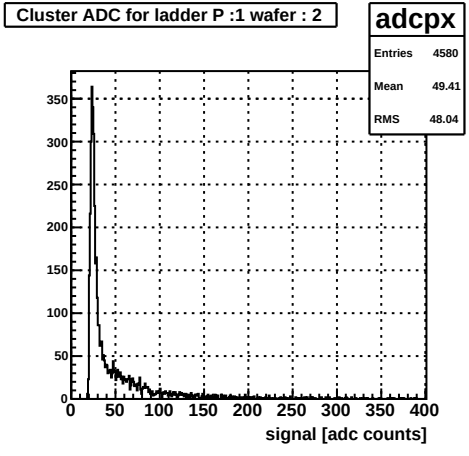

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1532
Mean 87.56
RMS 67.45
signal [adc counts]

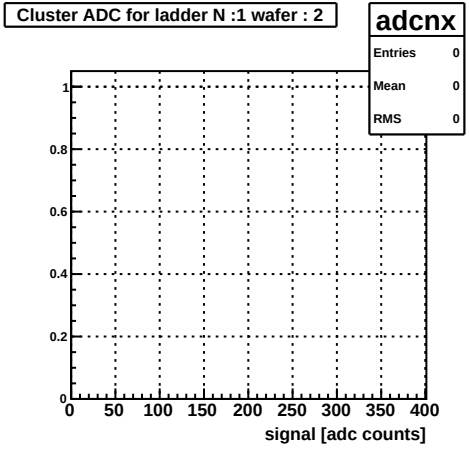

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

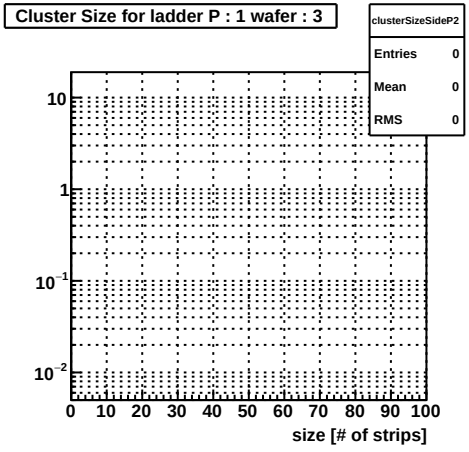

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4580
Mean 1.143
RMS 0.4257
size [# of strips]

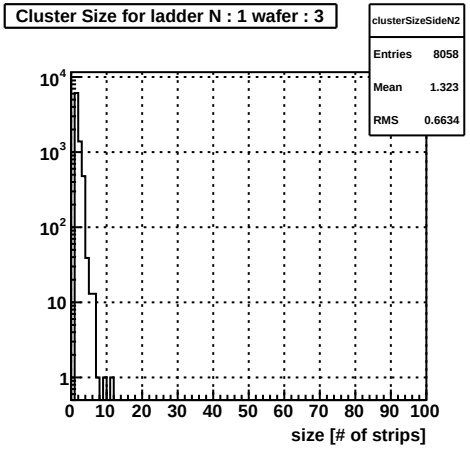

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

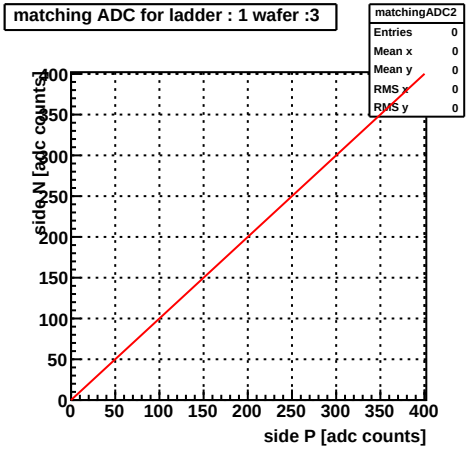

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

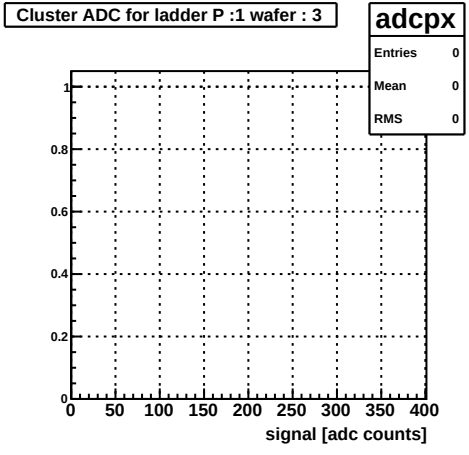

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4580
Mean 49.41
RMS 48.04
signal [adc counts]

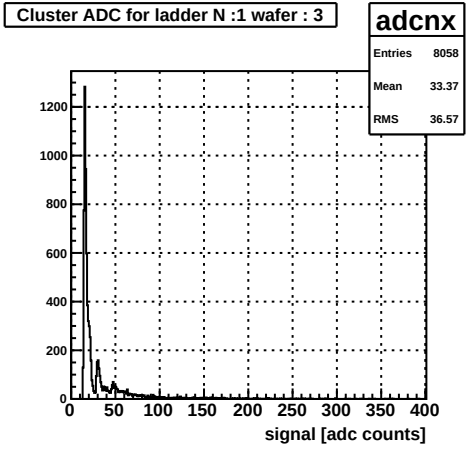

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

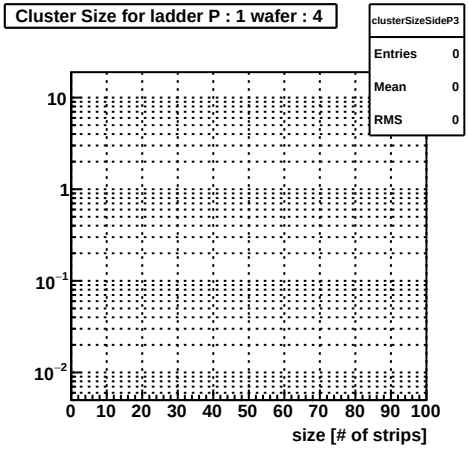

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

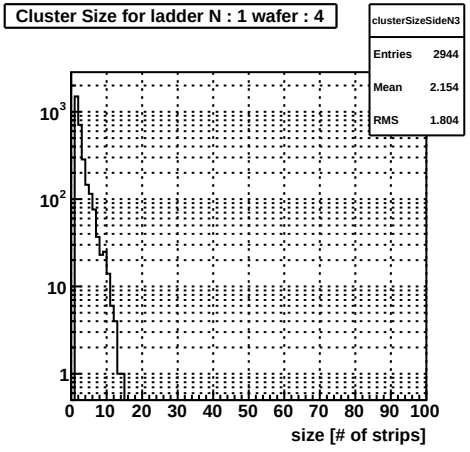

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8058
Mean 1.323
RMS 0.6634
size [# of strips]

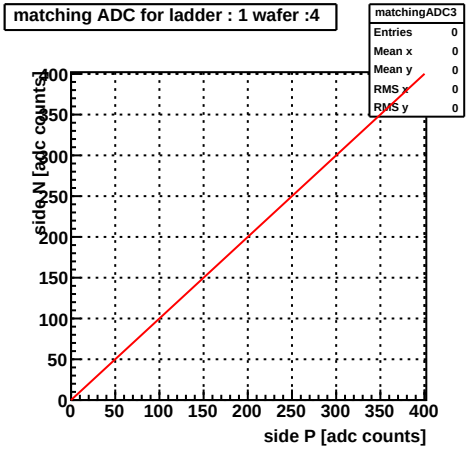

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

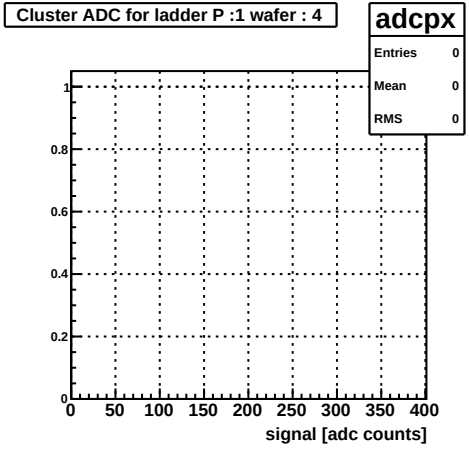

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

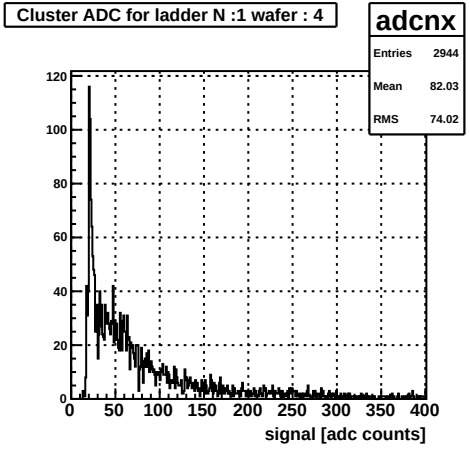

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8058
Mean 33.37
RMS 36.57
signal [adc counts]

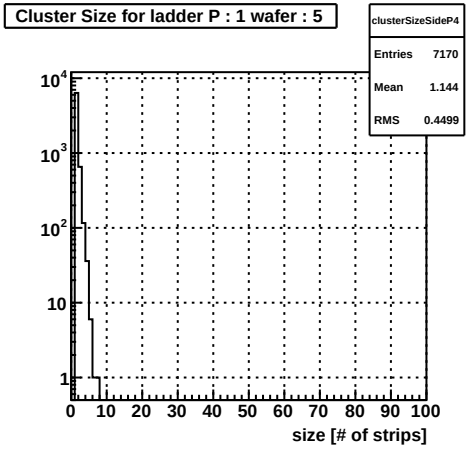

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

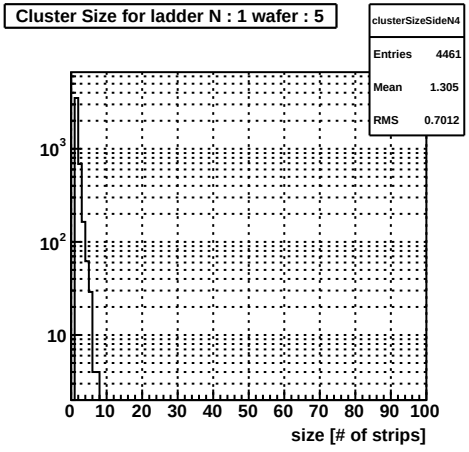

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2944
Mean 2.154
RMS 1.804
size [# of strips]

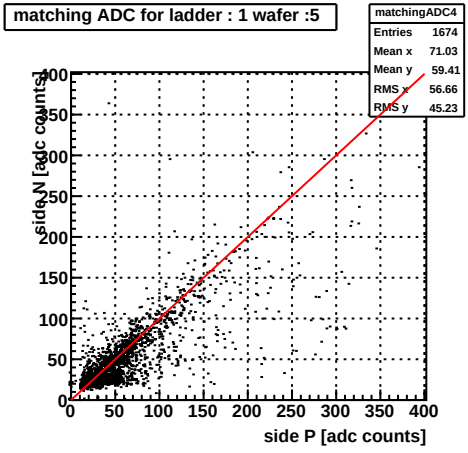

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

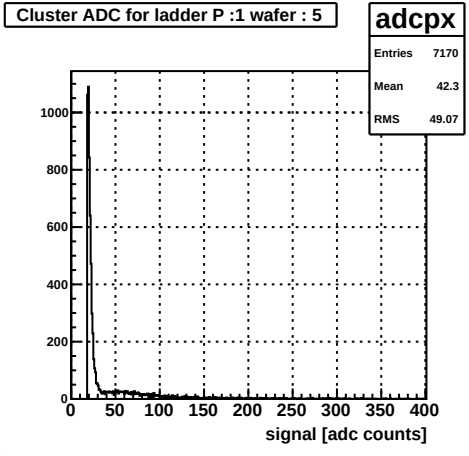

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

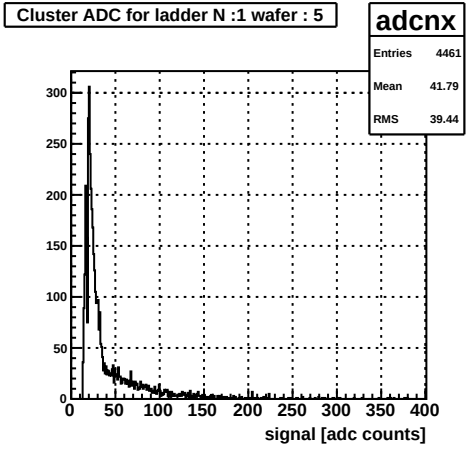

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2944
Mean 82.03
RMS 74.02
signal [adc counts]

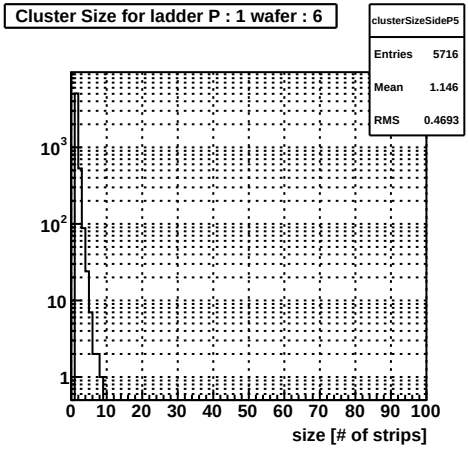

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7170
Mean 1.144
RMS 0.4499
size [# of strips]

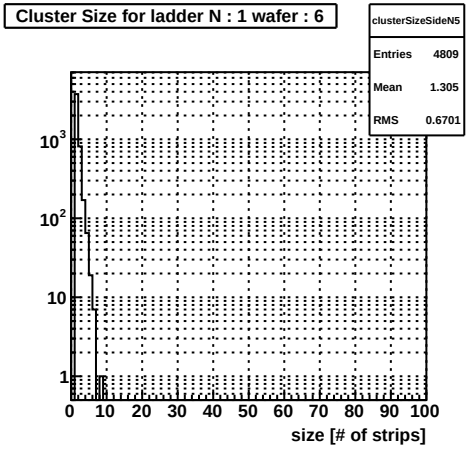

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4461
Mean 1.305
RMS 0.7012
size [# of strips]

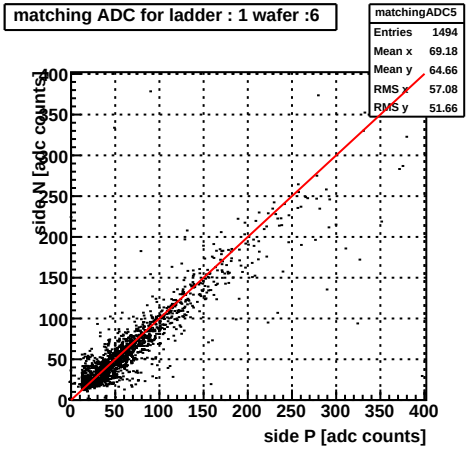

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1674
Mean x 71.03
Mean y 59.41
RMS x 56.66
RMS y 45.23
side N [adc counts]
side P [adc counts]

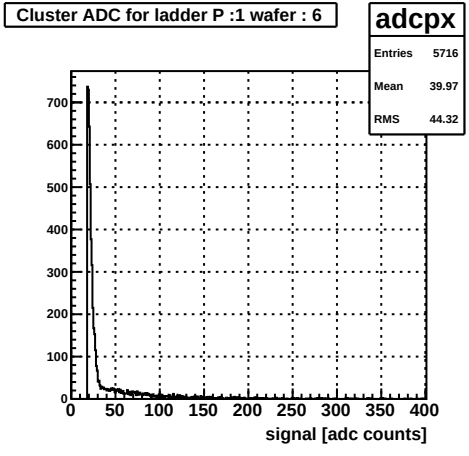

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7170
Mean 42.3
RMS 49.07
signal [adc counts]

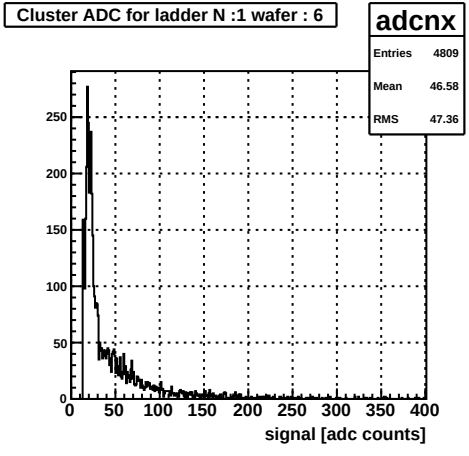

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4461
Mean 41.79
RMS 39.44
signal [adc counts]

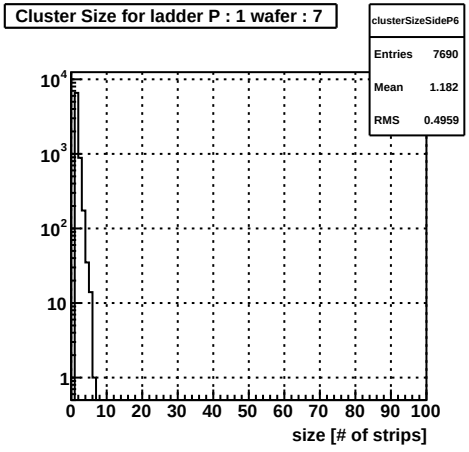

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5716
Mean 1.146
RMS 0.4693
size [# of strips]

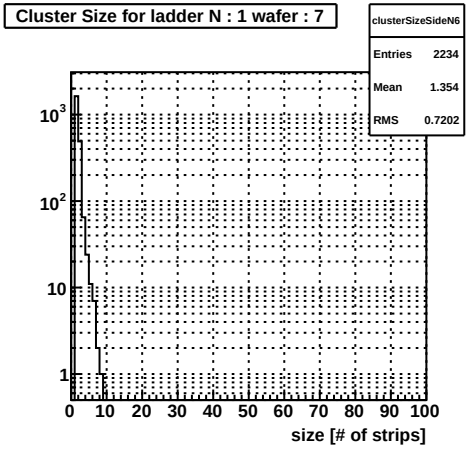

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4809
Mean 1.305
RMS 0.6701
size [# of strips]

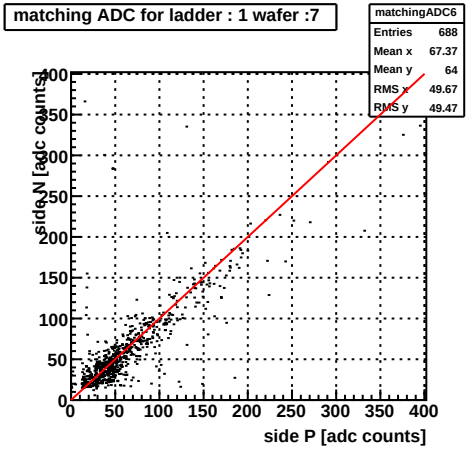

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1494
Mean x 69.18
Mean y 64.66
RMS x 57.08
RMS y 51.66
side N [adc counts]
side P [adc counts]

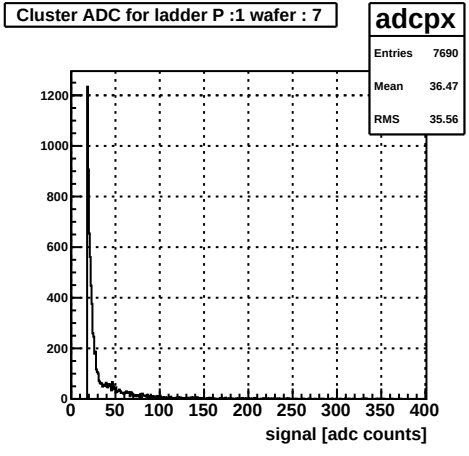

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5716
Mean 39.97
RMS 44.32
signal [adc counts]

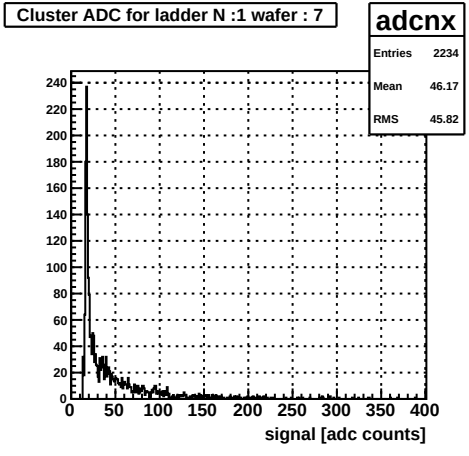

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4809
Mean 46.58
RMS 47.36
signal [adc counts]

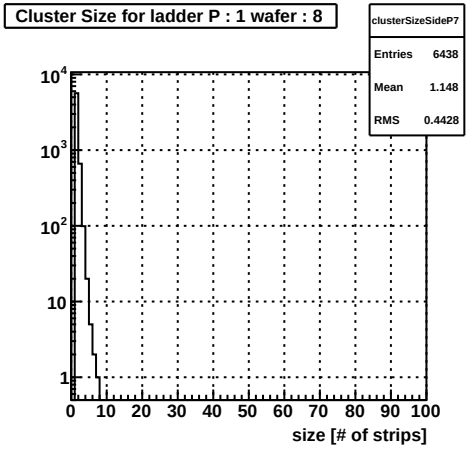

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 7690
Mean 1.182
RMS 0.4959
size [# of strips]

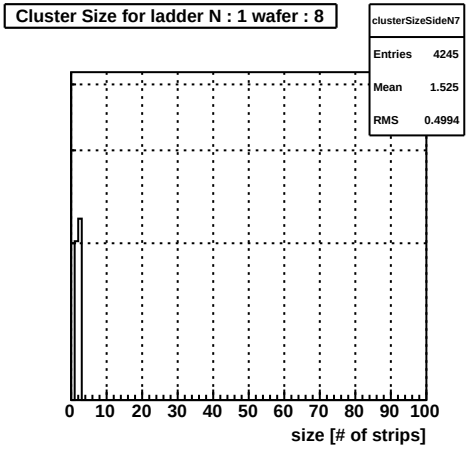

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2234
Mean 1.354
RMS 0.7202
size [# of strips]

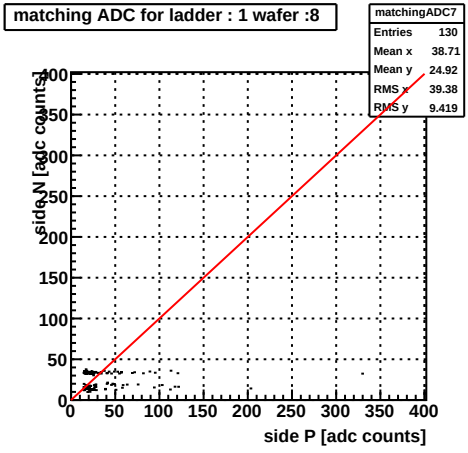

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 688
Mean x 67.37
Mean y 64
RMS x 49.67
RMS y 49.47
side N [adc counts]
side P [adc counts]

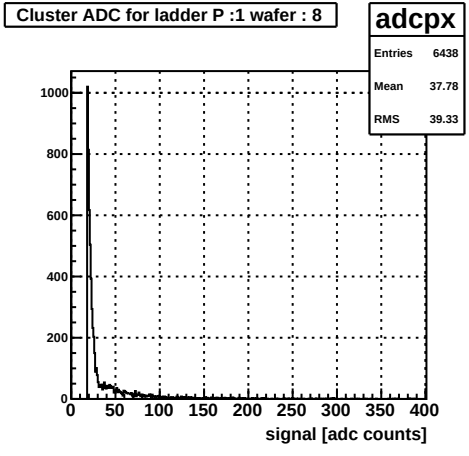

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 7690
Mean 36.47
RMS 35.56
signal [adc counts]

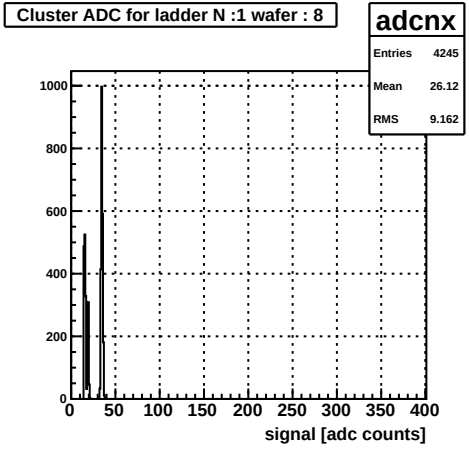

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2234
Mean 46.17
RMS 45.82
signal [adc counts]

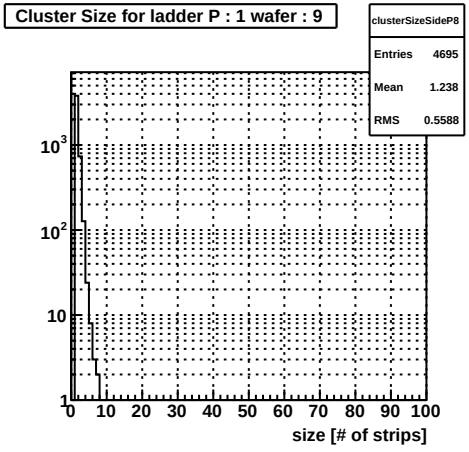

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 6438
Mean 1.148
RMS 0.4428
size [# of strips]

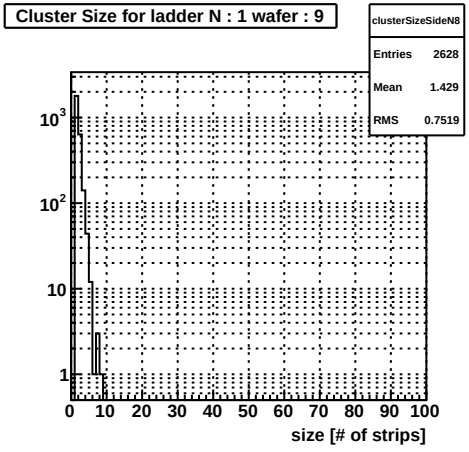

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 4245
Mean 1.525
RMS 0.4994
size [# of strips]

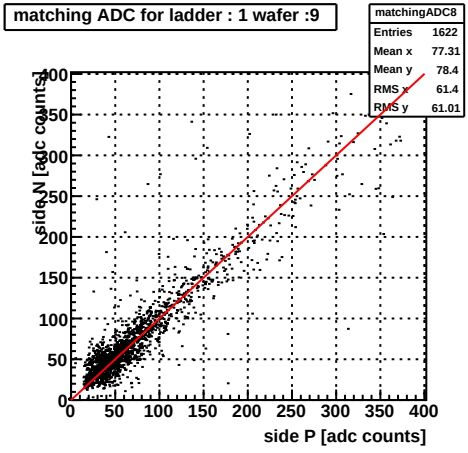

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 130
Mean x 38.71
Mean y 24.92
RMS x 39.38
RMS y 9.419
side N [adc counts]
side P [adc counts]

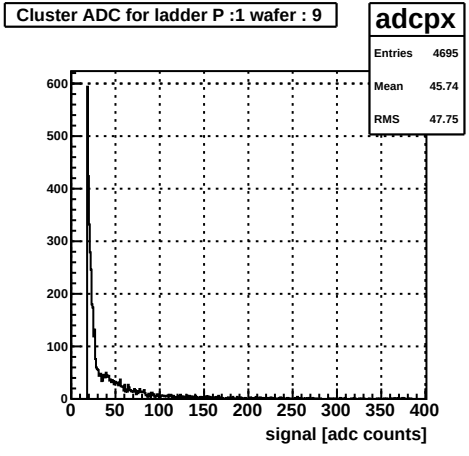

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 6438
Mean 37.78
RMS 39.33
signal [adc counts]

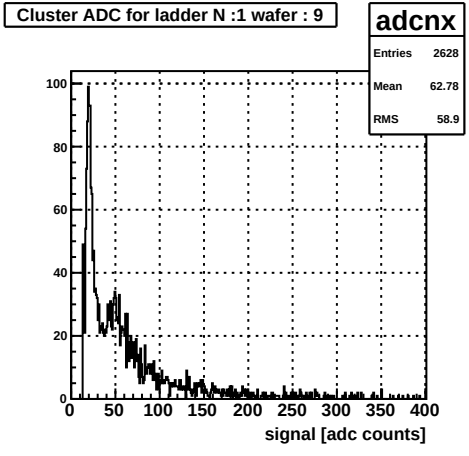

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 4245
Mean 26.12
RMS 9.162
signal [adc counts]

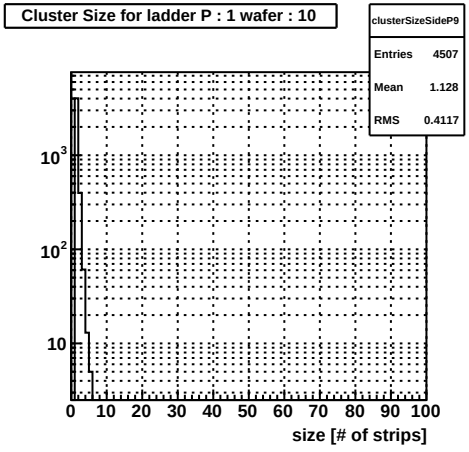

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4695
Mean 1.238
RMS 0.5588
size [# of strips]

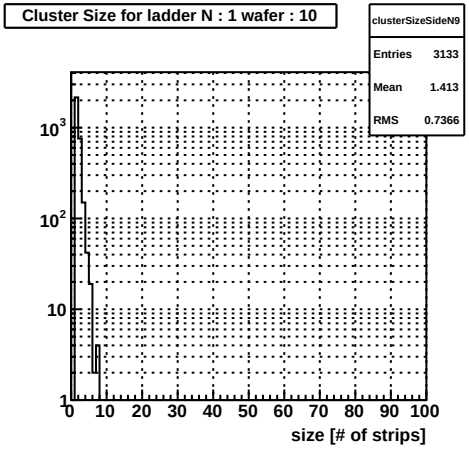

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2628
Mean 1.429
RMS 0.7519
size [# of strips]

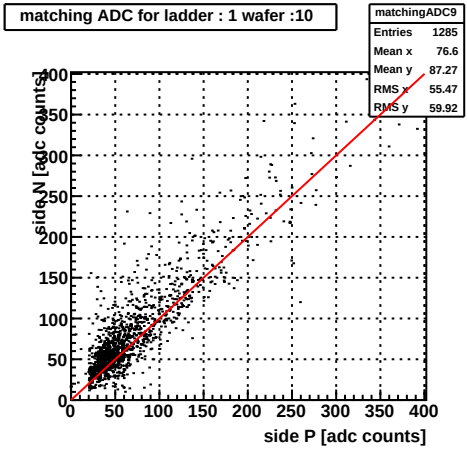

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1622
Mean x 77.31
Mean y 78.4
RMS x 61.4
RMS y 61.01
side N [adc counts]
side P [adc counts]

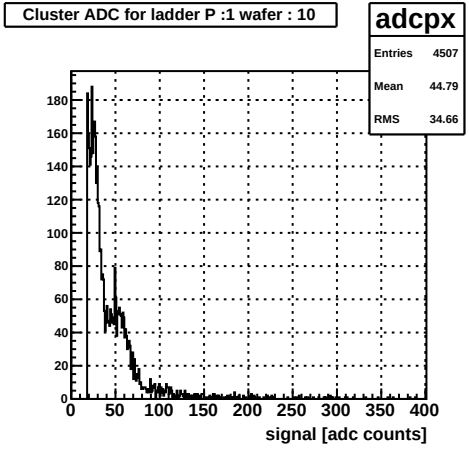

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4695
Mean 45.74
RMS 47.75
signal [adc counts]

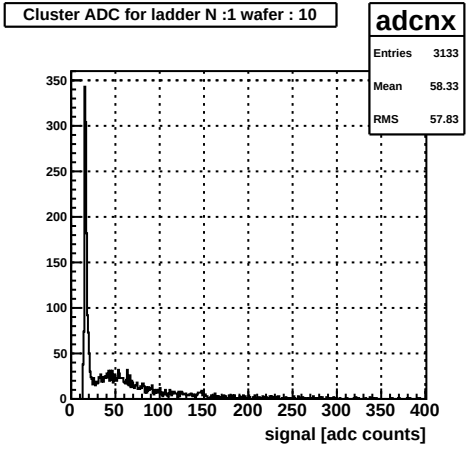

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2628
Mean 62.78
RMS 58.9
signal [adc counts]

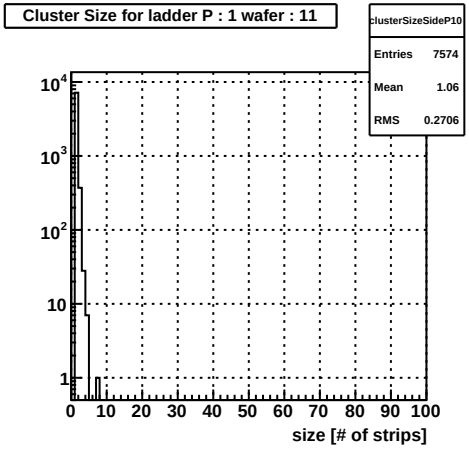

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4507
Mean 1.128
RMS 0.4117
size [# of strips]

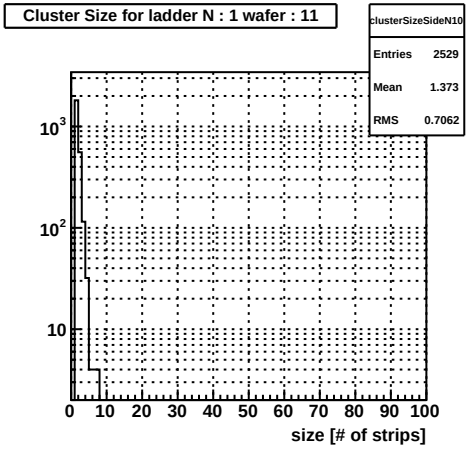

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3133
Mean 1.413
RMS 0.7366
size [# of strips]

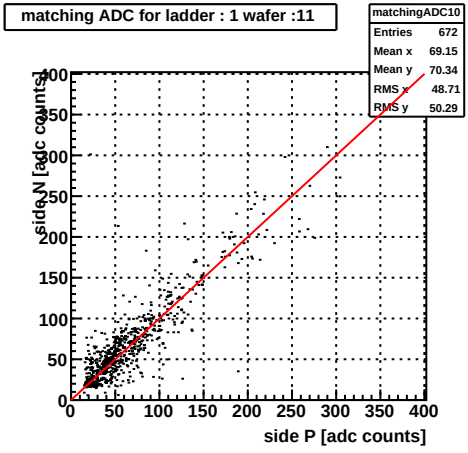

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1285
Mean x 76.6
Mean y 87.27
RMS x 55.47
RMS y 59.92
side N [adc counts]
side P [adc counts]

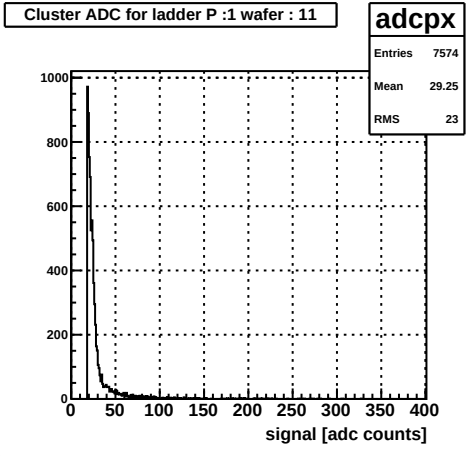

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4507
Mean 44.79
RMS 34.66
signal [adc counts]

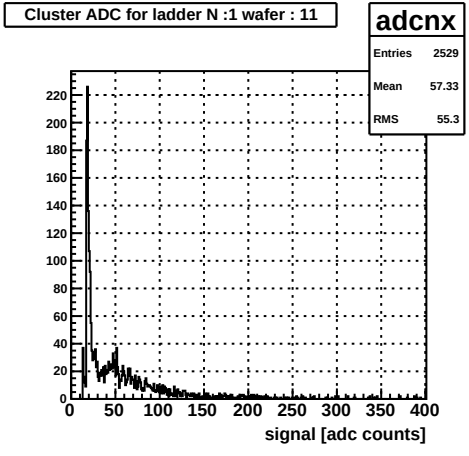

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3133
Mean 58.33
RMS 57.83
signal [adc counts]

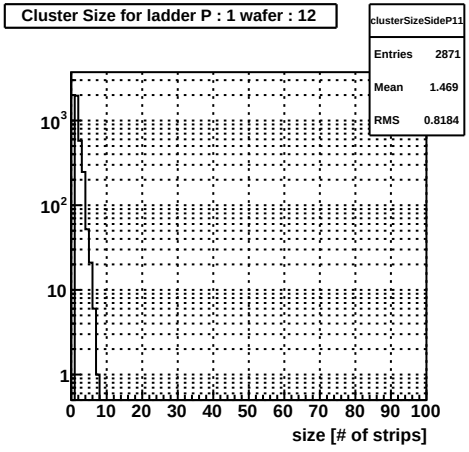

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7574
Mean 1.06
RMS 0.2706
size [# of strips]

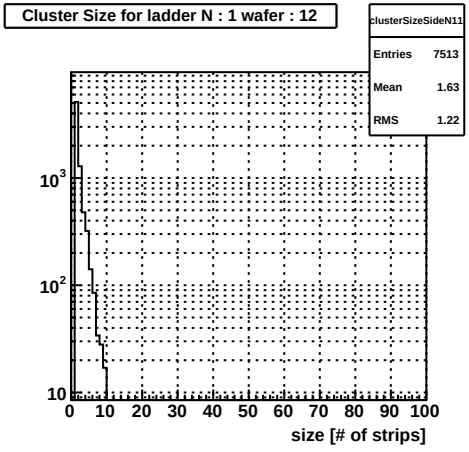

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2529
Mean 1.373
RMS 0.7062
size [# of strips]

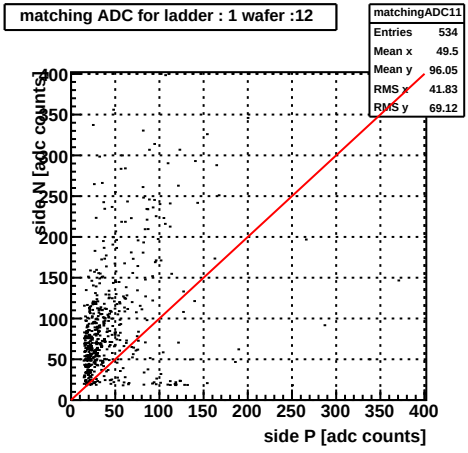

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 672
Mean x 69.15
Mean y 70.34
RMS x 48.71
RMS y 50.29
side N [adc counts]
side P [adc counts]

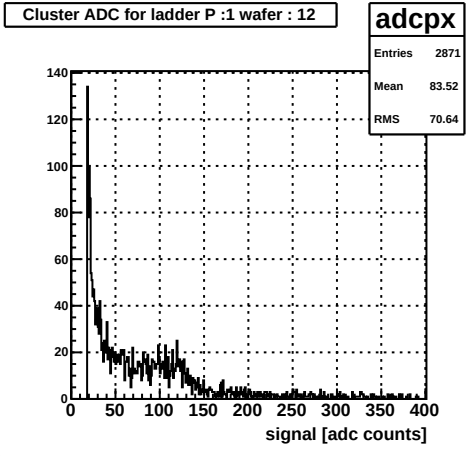

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7574
Mean 29.25
RMS 23
signal [adc counts]

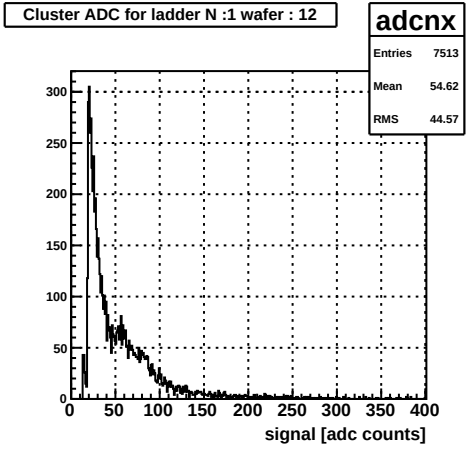

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2529
Mean 57.33
RMS 55.3
signal [adc counts]

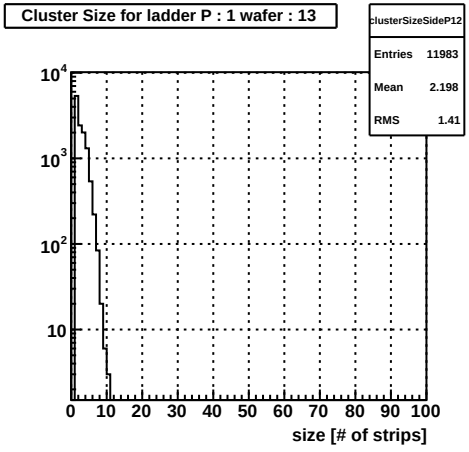

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2871
Mean 1.469
RMS 0.8184
size [# of strips]

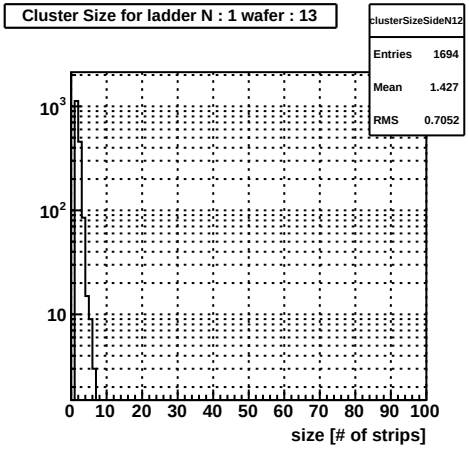

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7513
Mean 1.63
RMS 1.22
size [# of strips]

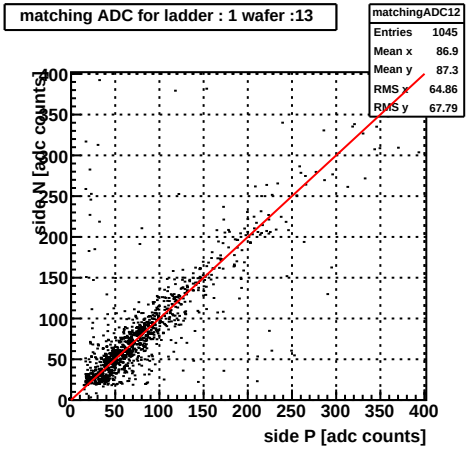

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 534
Mean x 49.5
Mean y 96.05
RMS x 41.83
RMS y 69.12
side N [adc counts]
side P [adc counts]

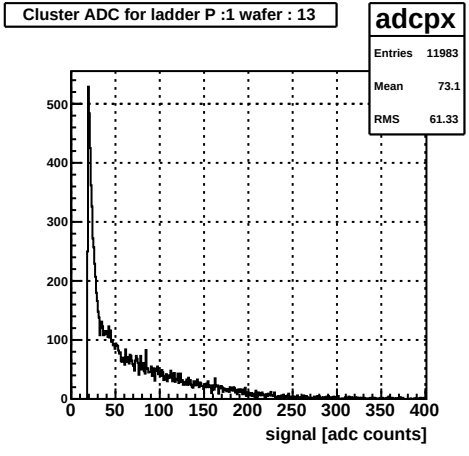

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2871
Mean 83.52
RMS 70.64
signal [adc counts]

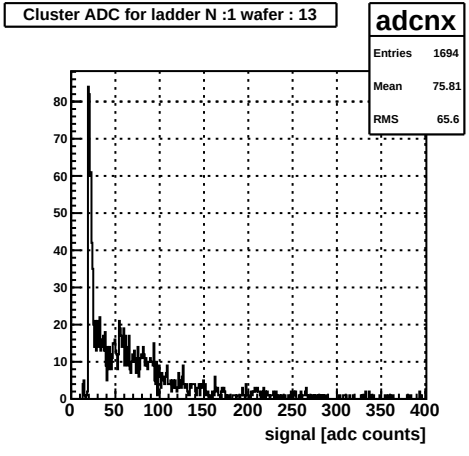

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7513
Mean 54.62
RMS 44.57
signal [adc counts]

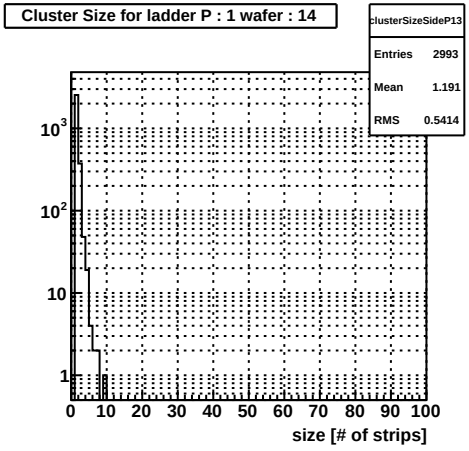

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11983
Mean 2.198
RMS 1.41
size [# of strips]

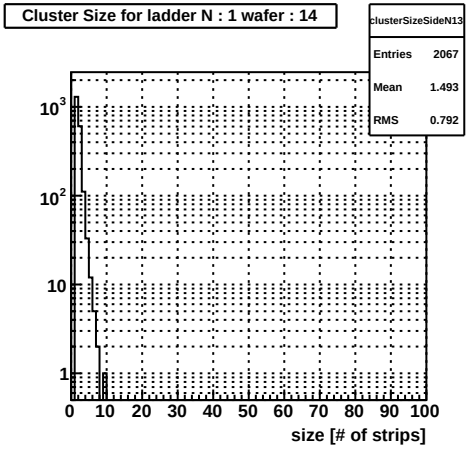

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1694
Mean 1.427
RMS 0.7052
size [# of strips]

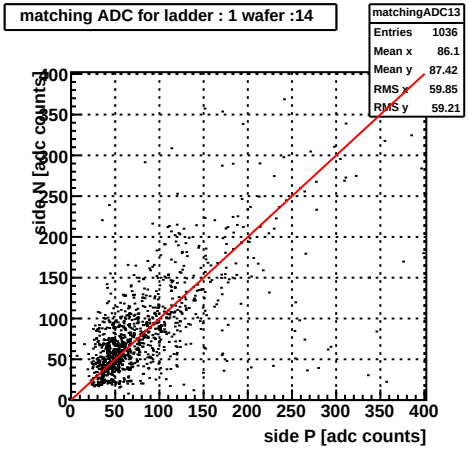

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1045
Mean x 86.9
Mean y 87.3
RMS x 64.86
RMS y 67.79
side N [adc counts]
side P [adc counts]

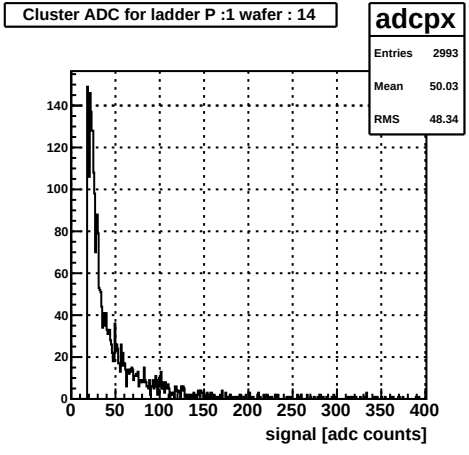

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11983
Mean 73.1
RMS 61.33
signal [adc counts]

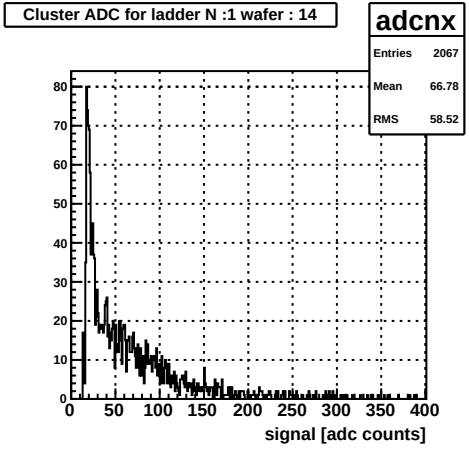

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1694
Mean 75.81
RMS 65.6
signal [adc counts]

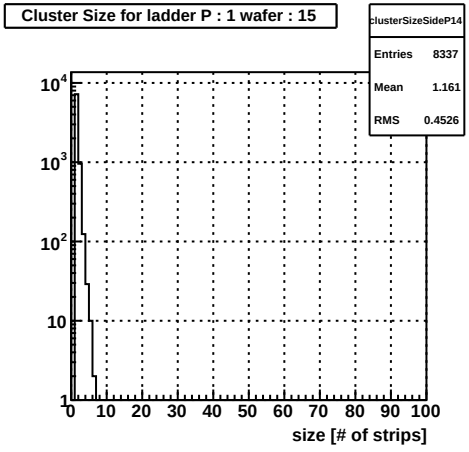

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2993
Mean 1.191
RMS 0.5414
size [# of strips]

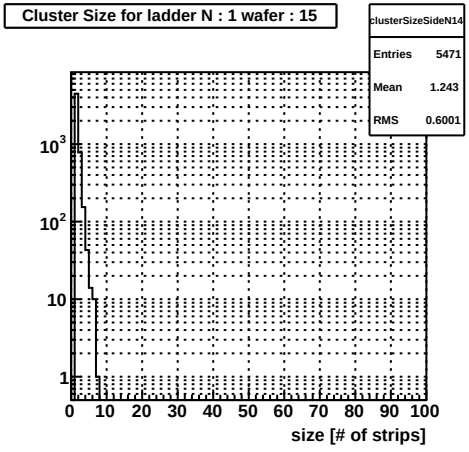

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2067
Mean 1.493
RMS 0.792
size [# of strips]

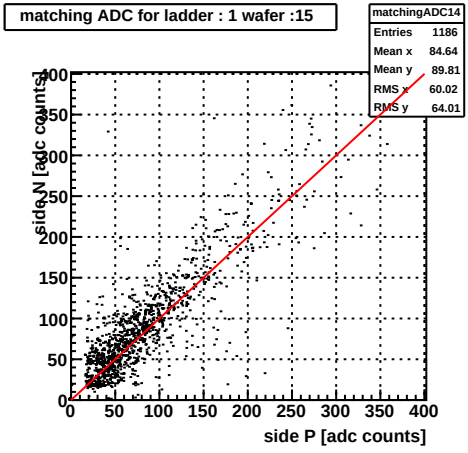

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1036
Mean x 86.1
Mean y 87.42
RMS x 59.85
RMS y 59.21
side N [adc counts]
side P [adc counts]

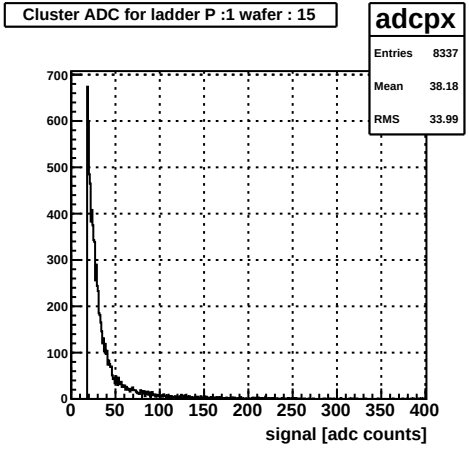

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2993
Mean 50.03
RMS 48.34
signal [adc counts]

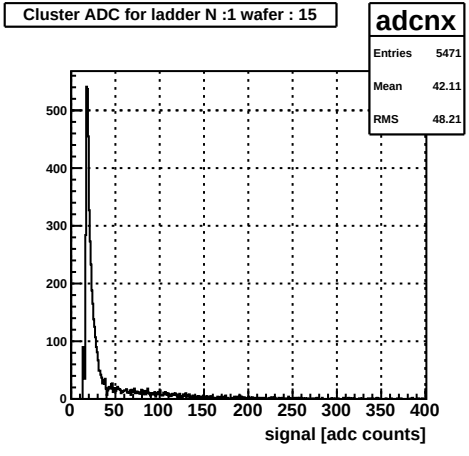

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2067
Mean 66.78
RMS 58.52
signal [adc counts]

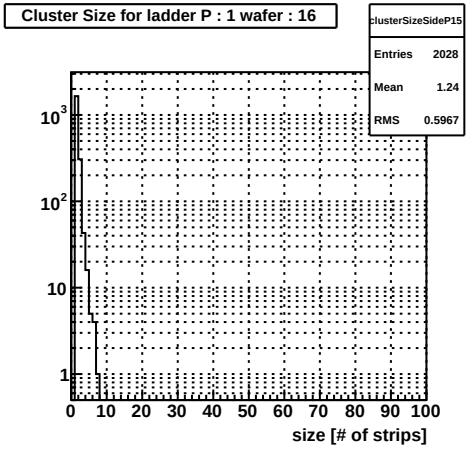

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 8337
Mean 1.161
RMS 0.4526
size [# of strips]

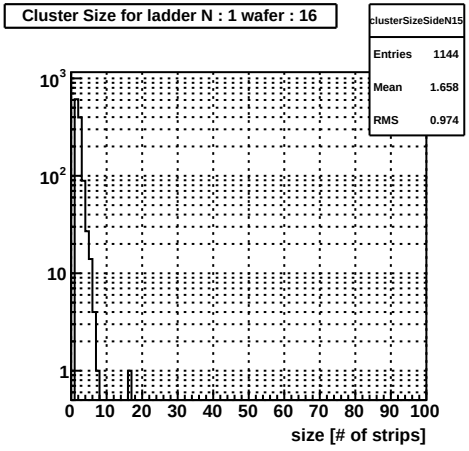

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5471
Mean 1.243
RMS 0.6001
size [# of strips]

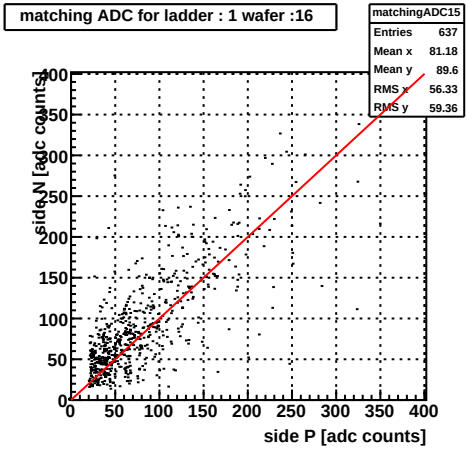

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1186
Mean x 84.64
Mean y 89.81
RMS x 60.02
RMS y 64.01
side N [adc counts]
side P [adc counts]

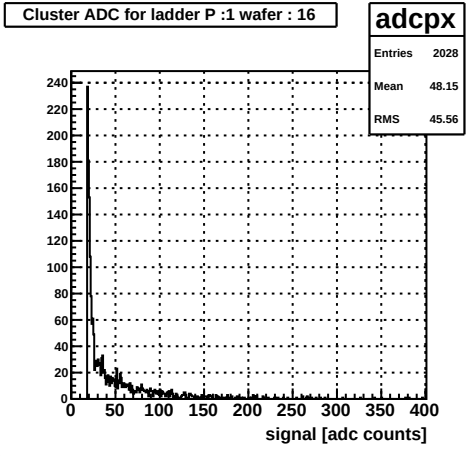

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 8337
Mean 38.18
RMS 33.99
signal [adc counts]

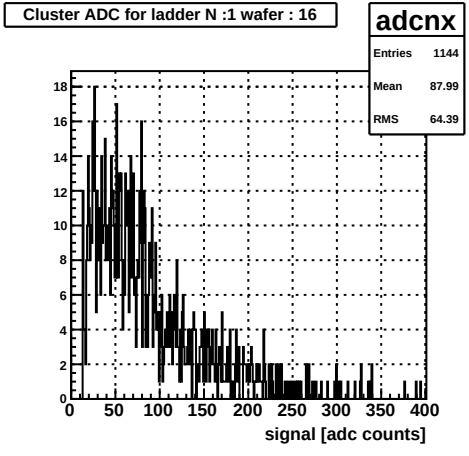

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5471
Mean 42.11
RMS 48.21
signal [adc counts]

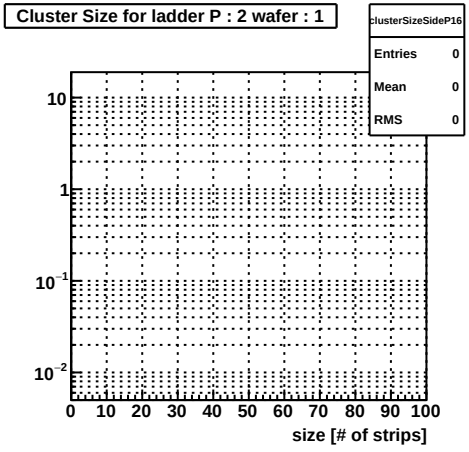

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2028
Mean 1.24
RMS 0.5967
size [# of strips]

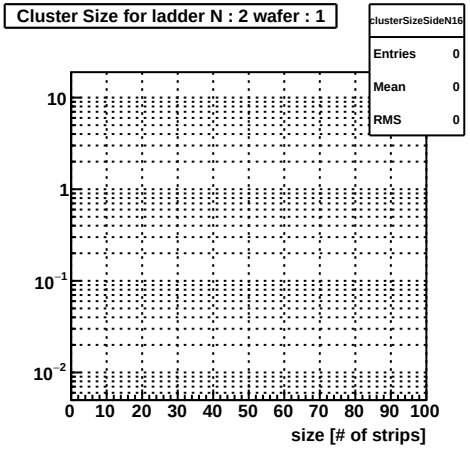

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1144
Mean 1.658
RMS 0.974
size [# of strips]

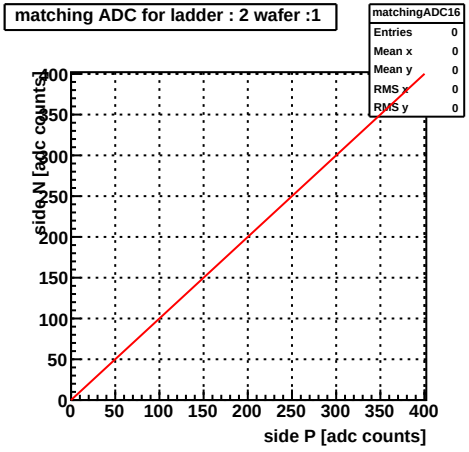

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 637
Mean x 81.18
Mean y 89.6
RMS x 56.33
RMS y 59.36
side N [adc counts]
side P [adc counts]

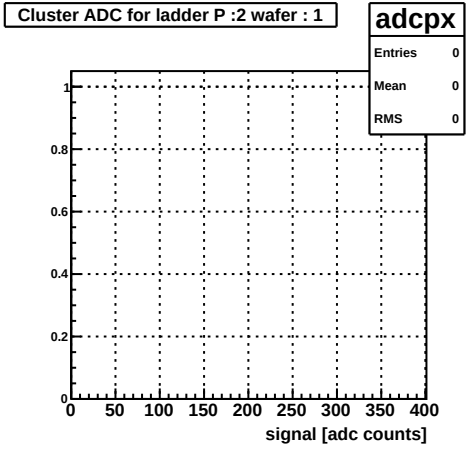

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2028
Mean 48.15
RMS 45.56
signal [adc counts]

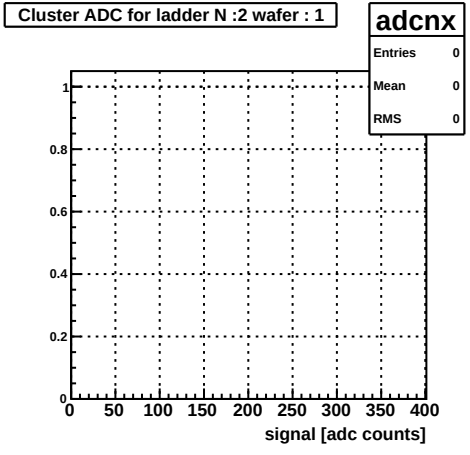

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1144
Mean 87.99
RMS 64.39
signal [adc counts]

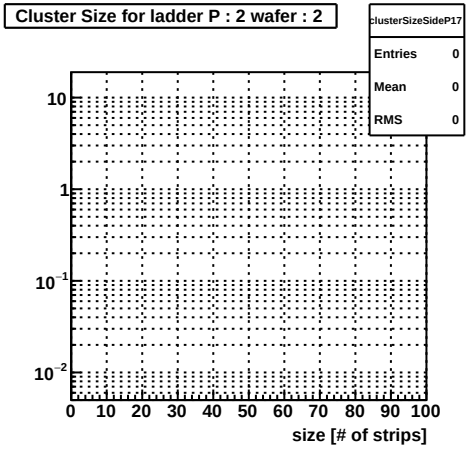

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

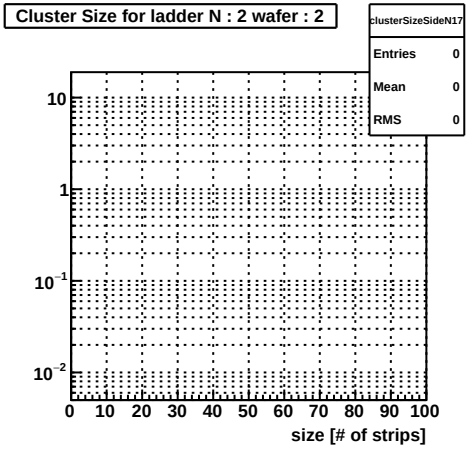

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

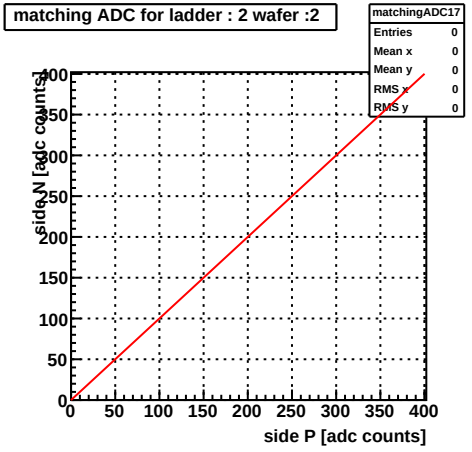

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

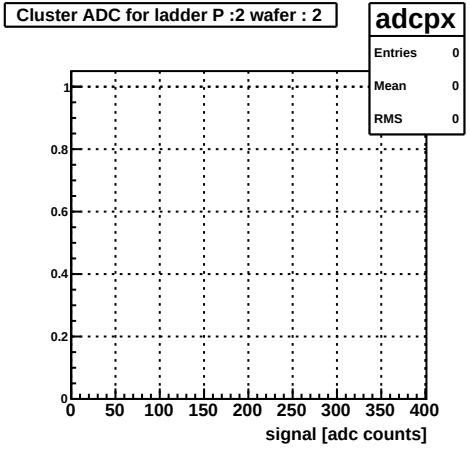

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

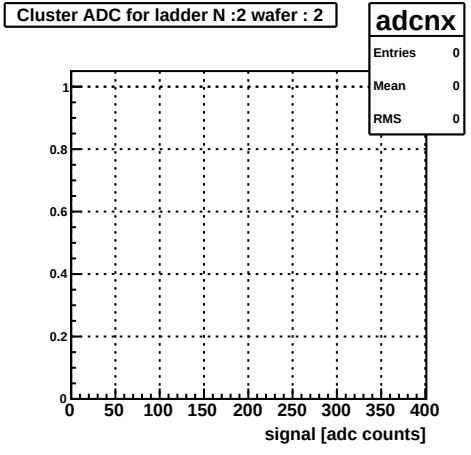

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

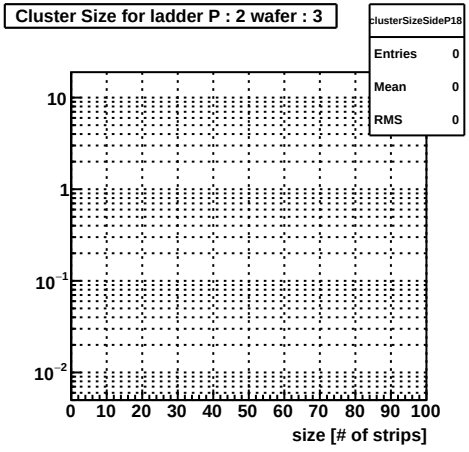

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

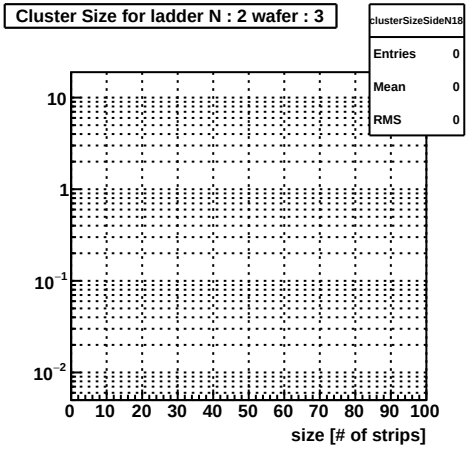

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

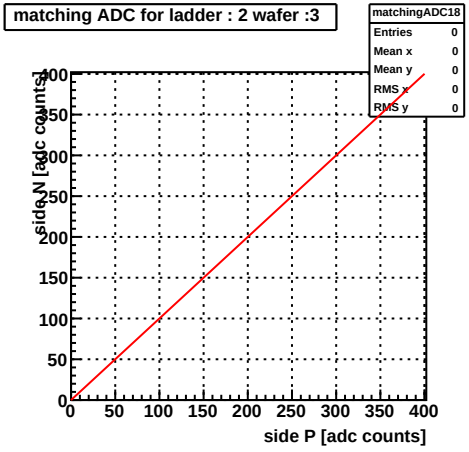

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

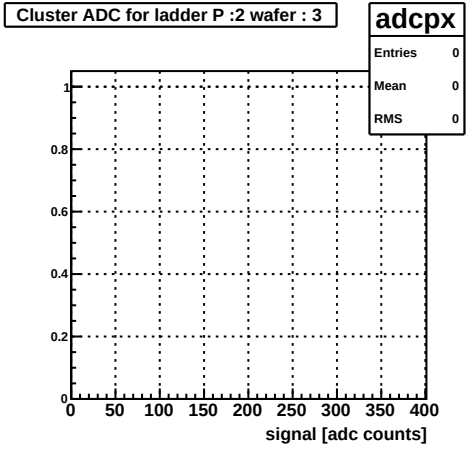

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

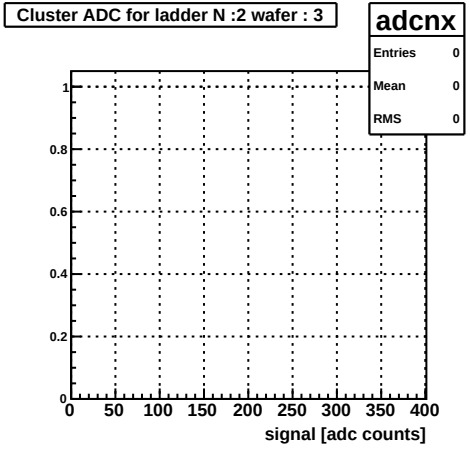

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

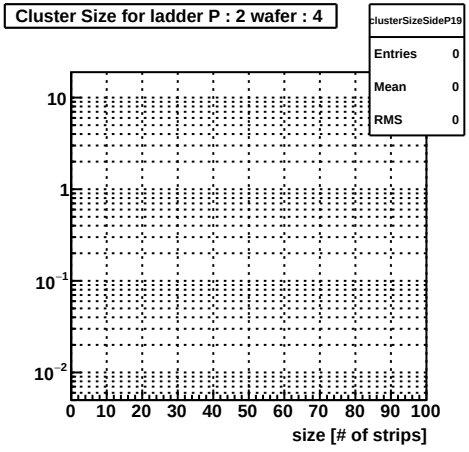

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

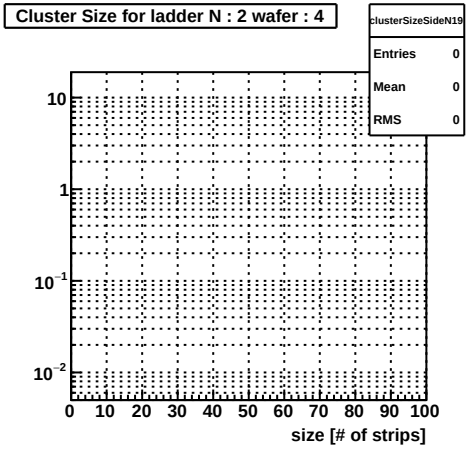

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

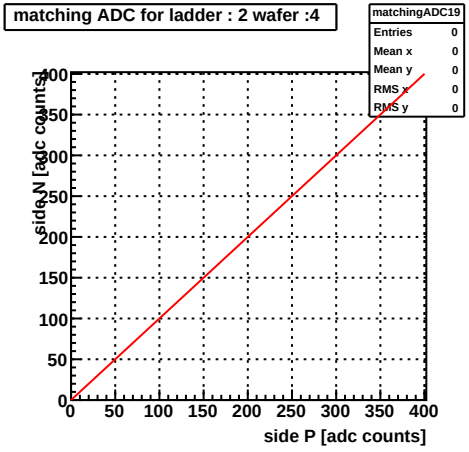

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

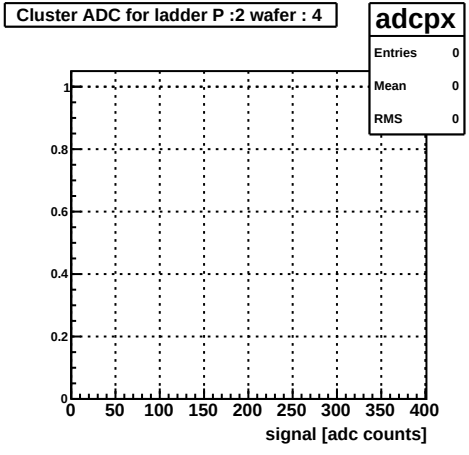

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

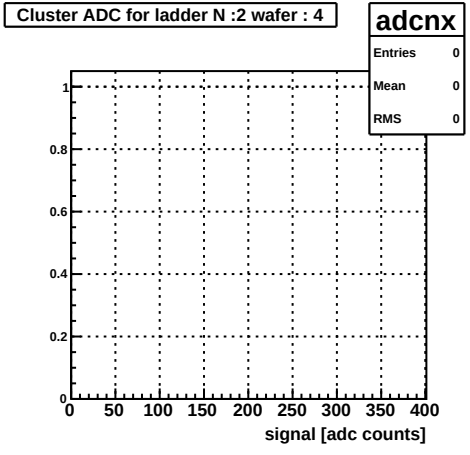

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

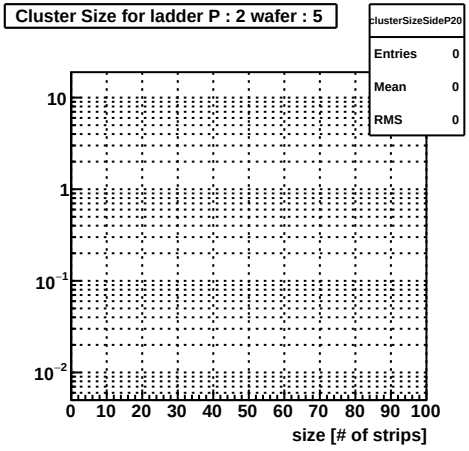

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

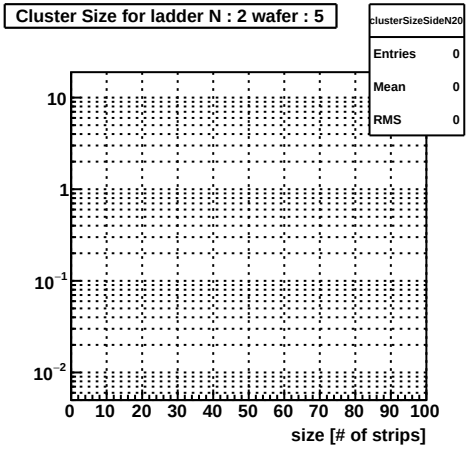

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

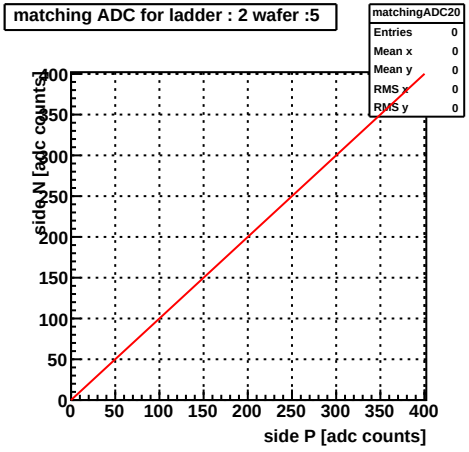

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

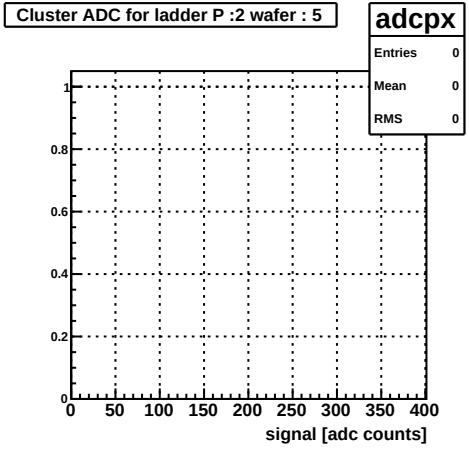

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

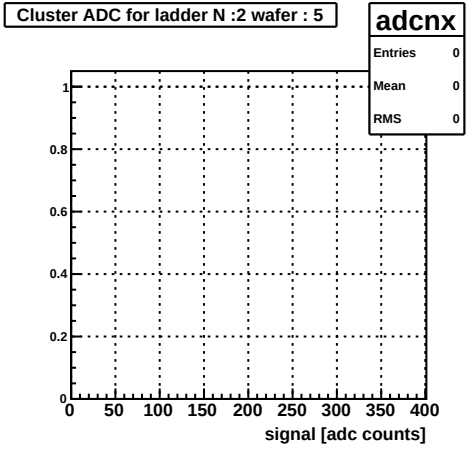

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

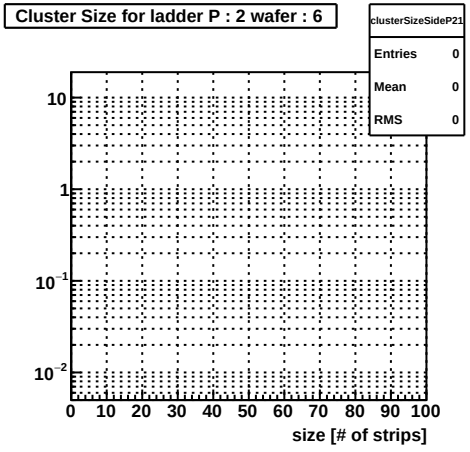

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

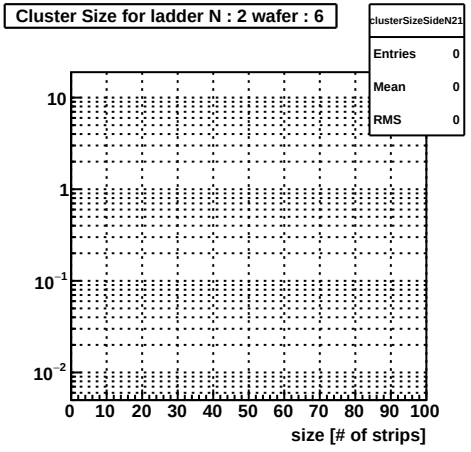

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

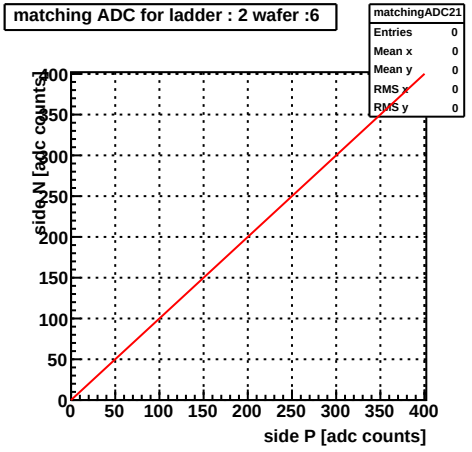

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

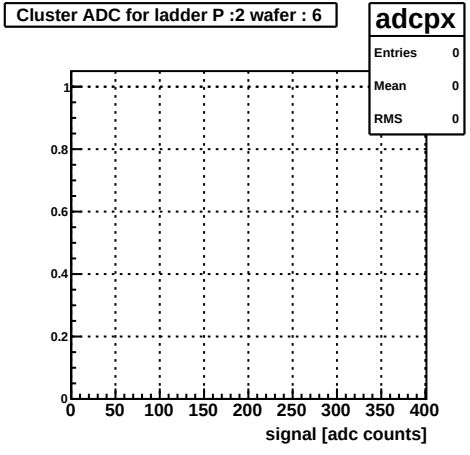

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

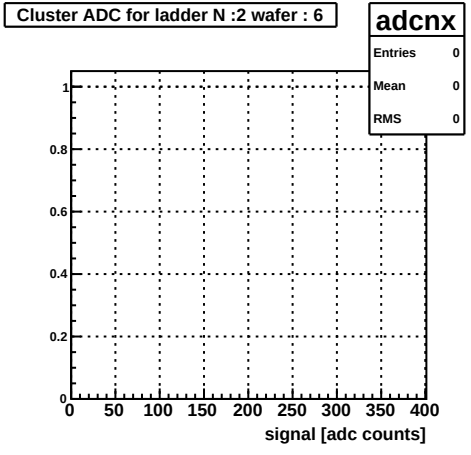

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

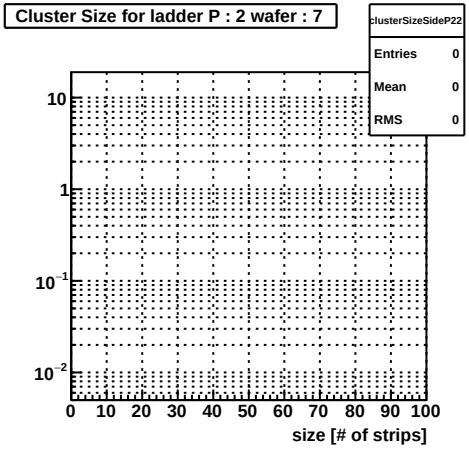

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

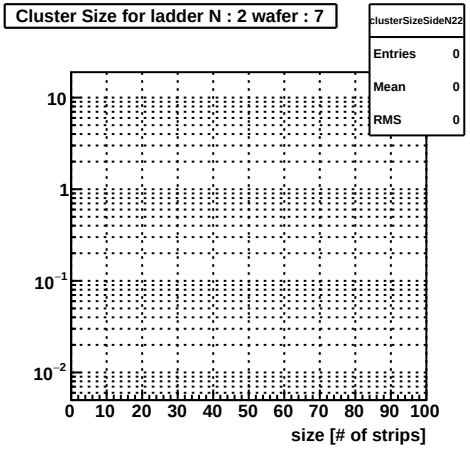

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

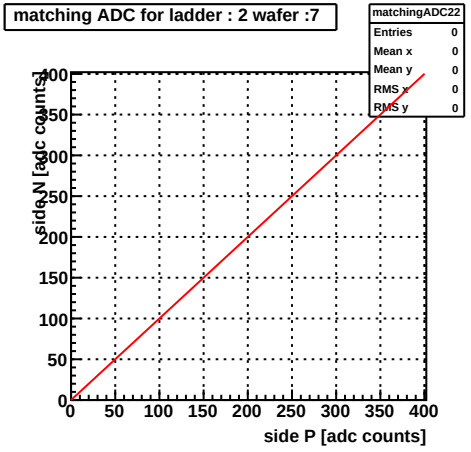

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

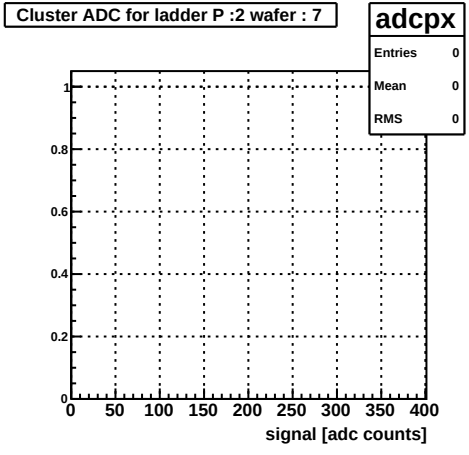

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

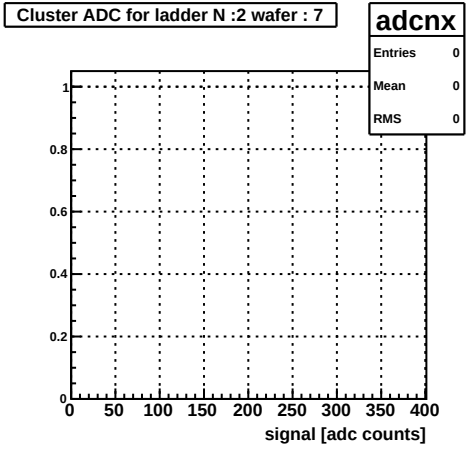

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

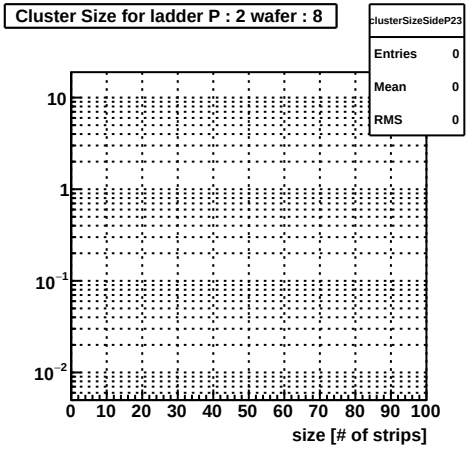

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

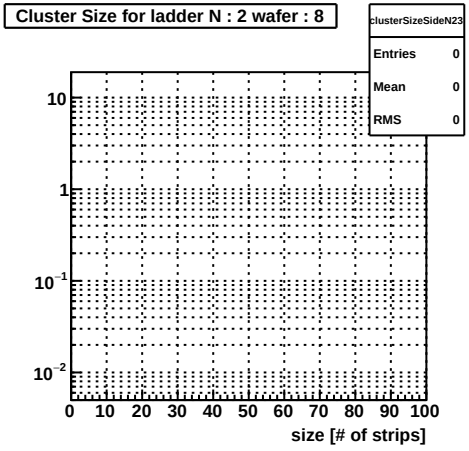

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

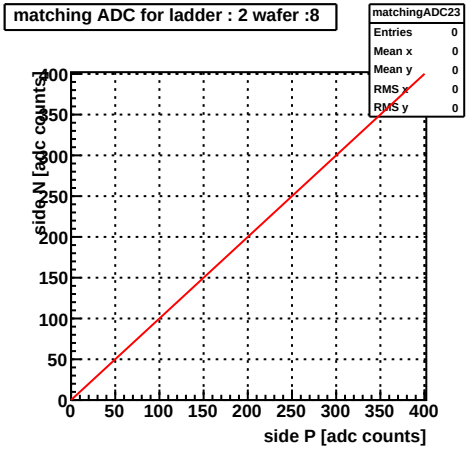

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

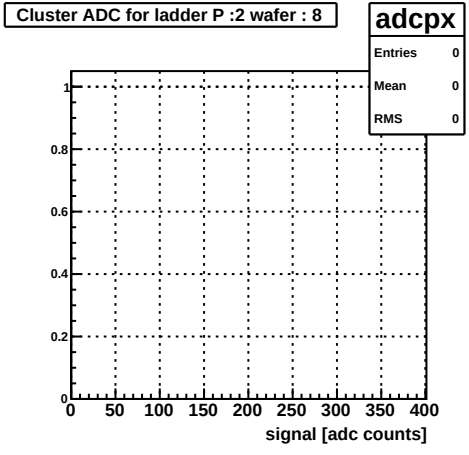

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

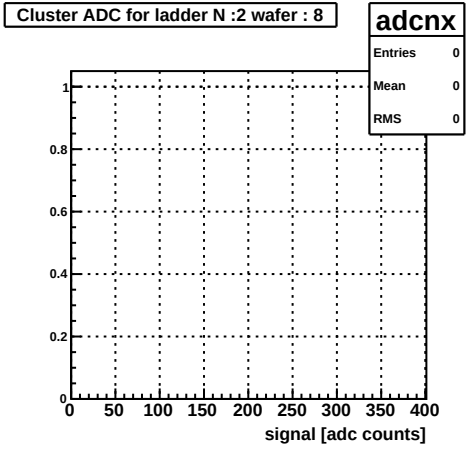

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

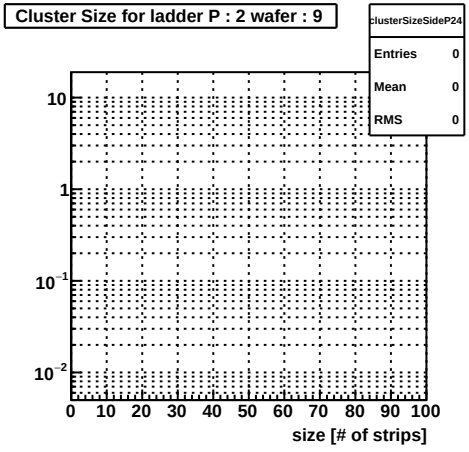

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

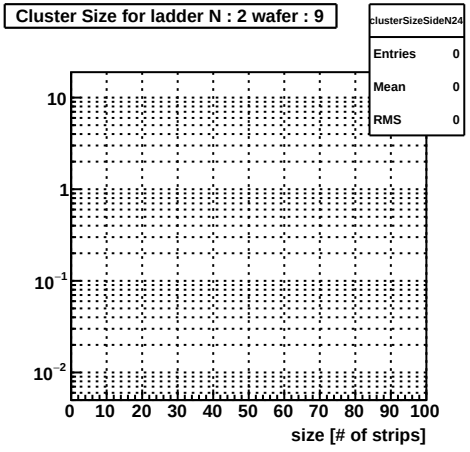

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

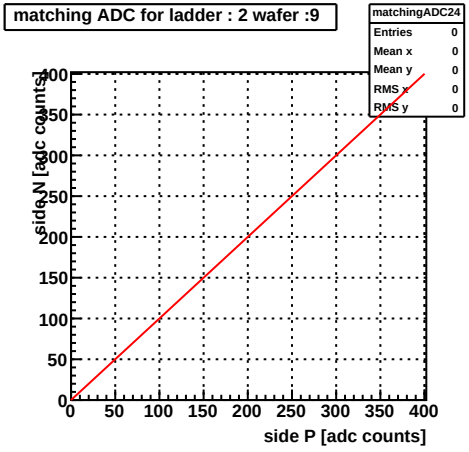

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

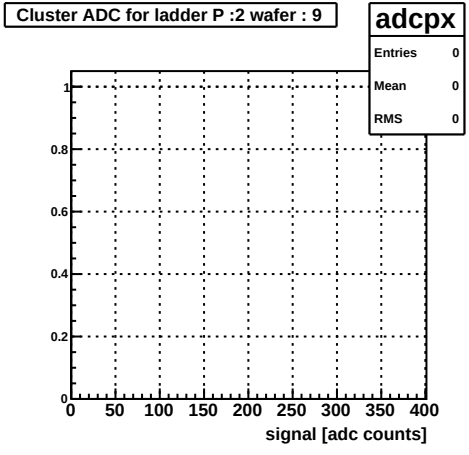

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

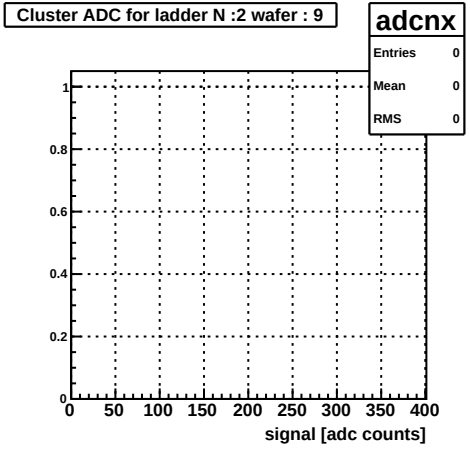

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

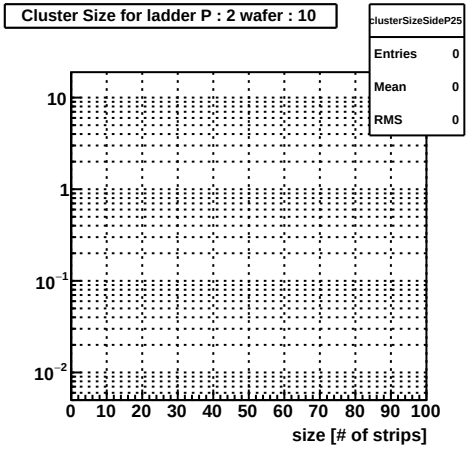

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

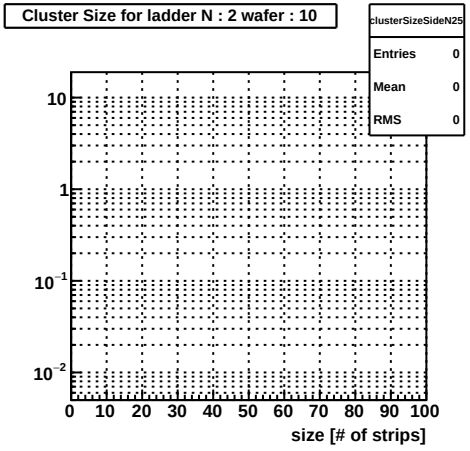

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

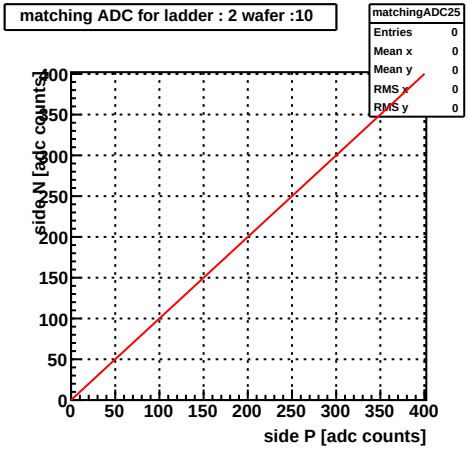

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

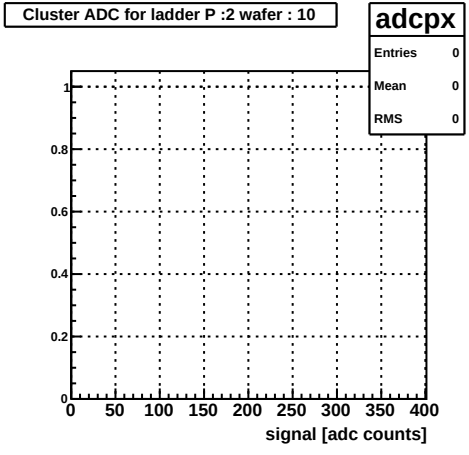

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

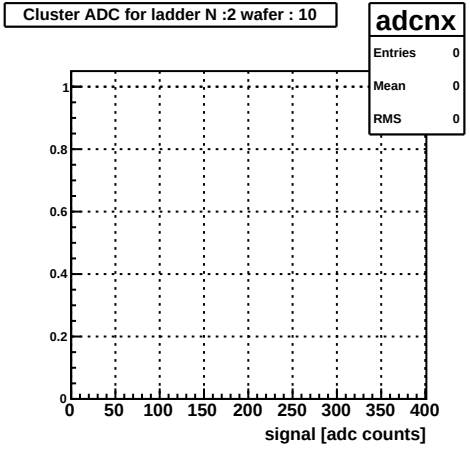

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

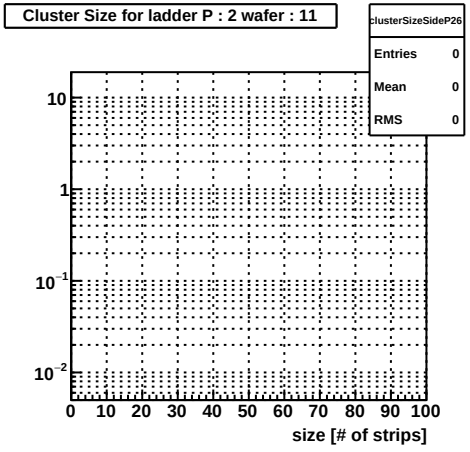

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

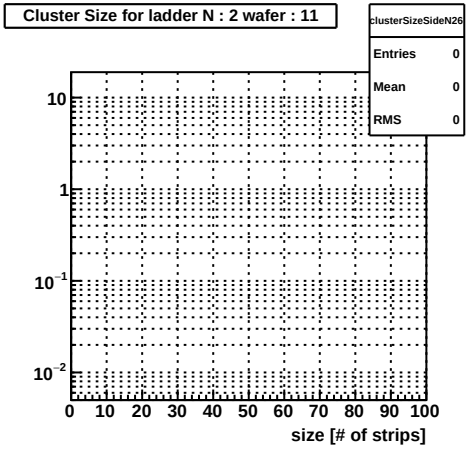

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

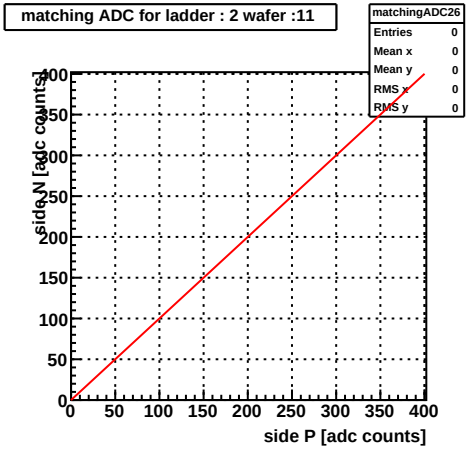

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

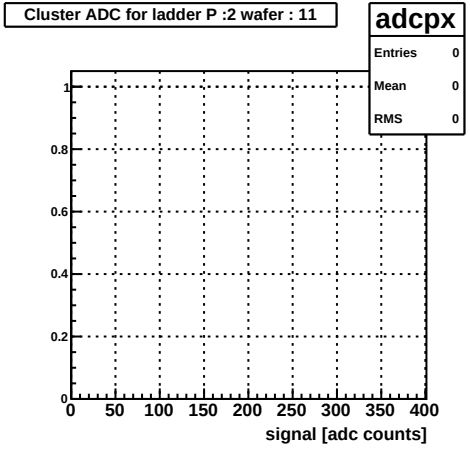

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

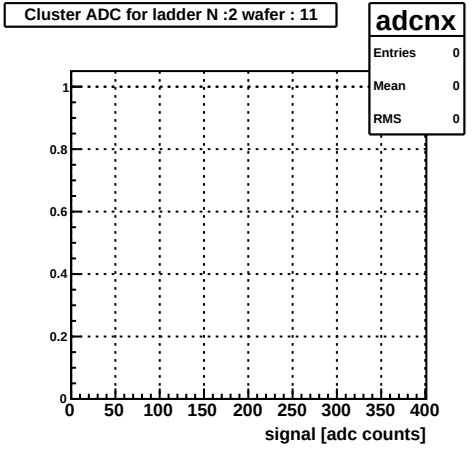

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

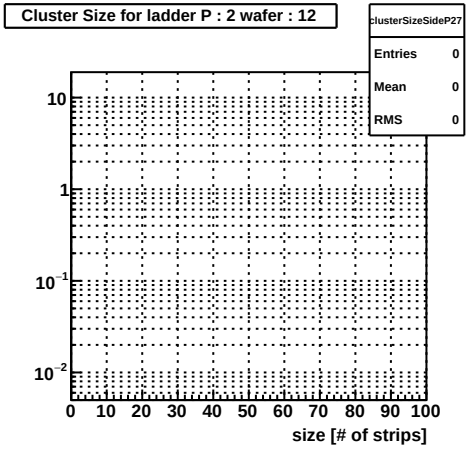

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

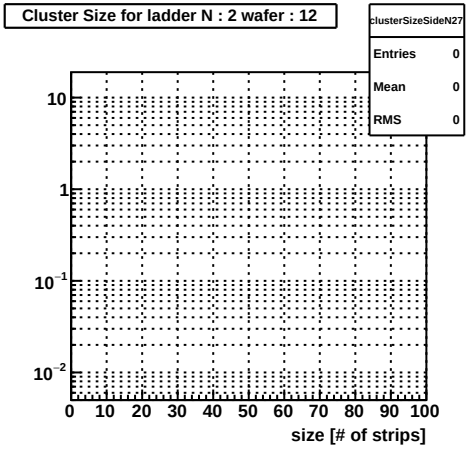

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

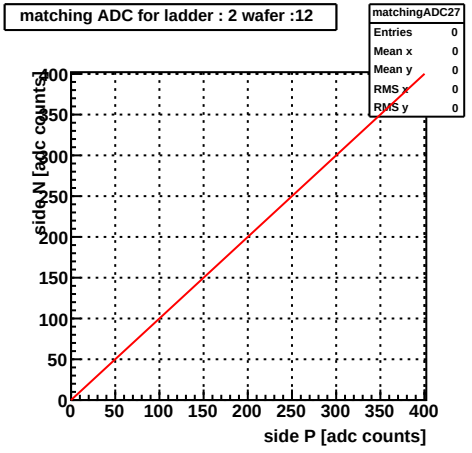

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

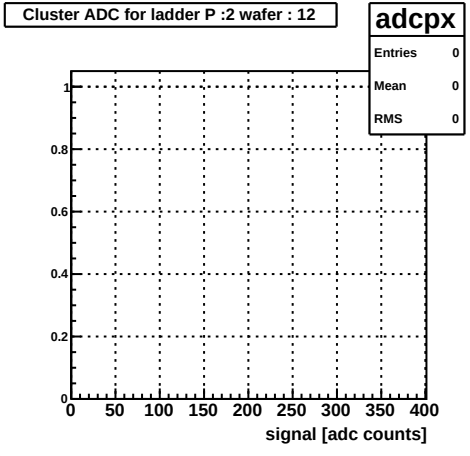

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

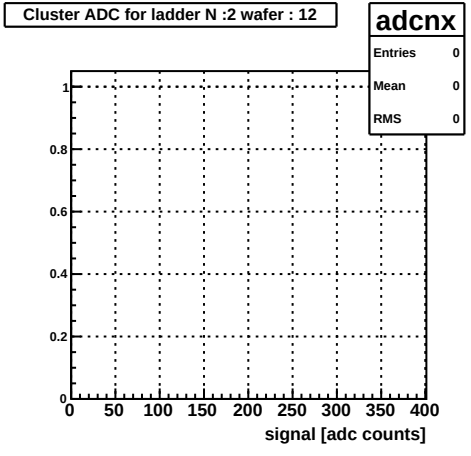

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

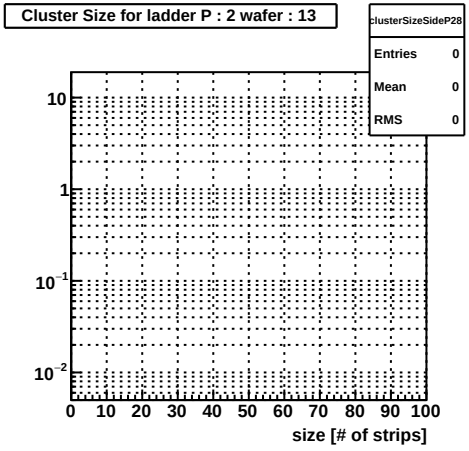

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

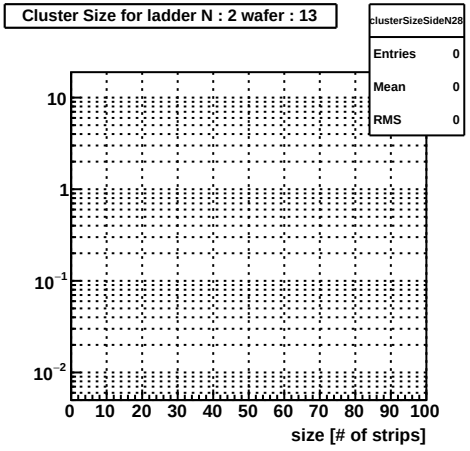

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

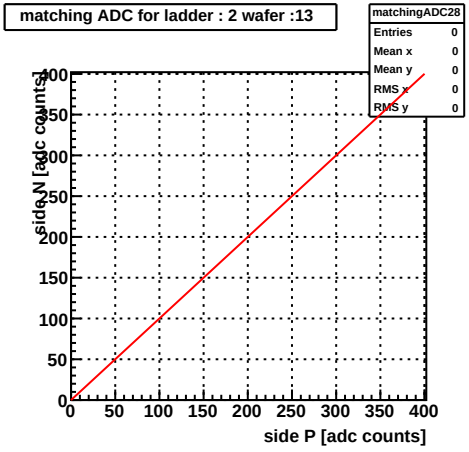

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

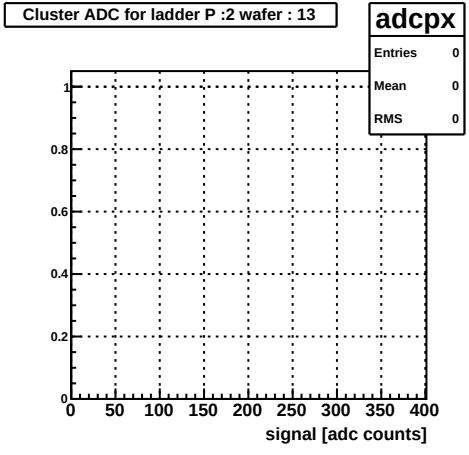

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

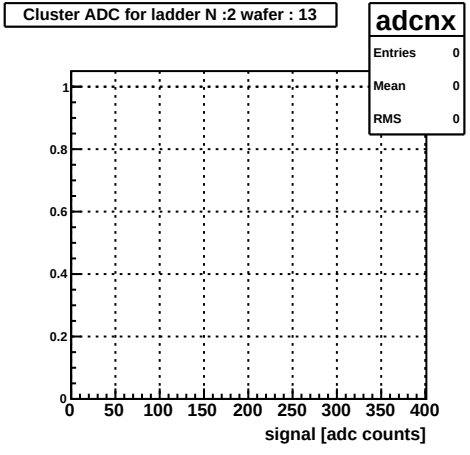

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

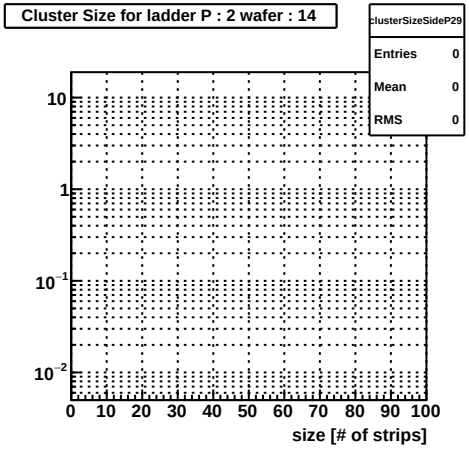

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

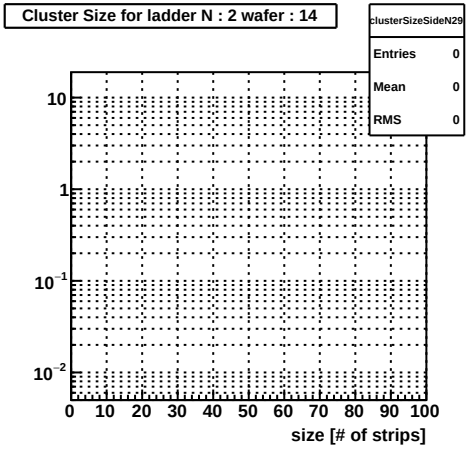

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

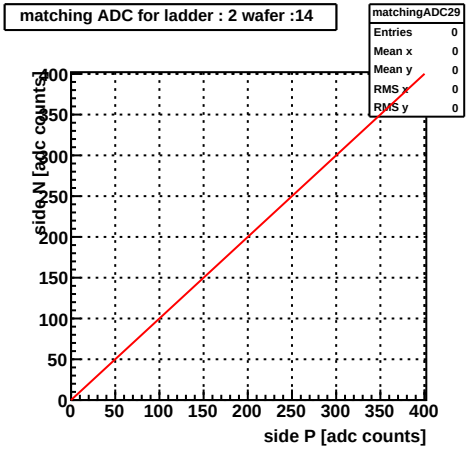

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

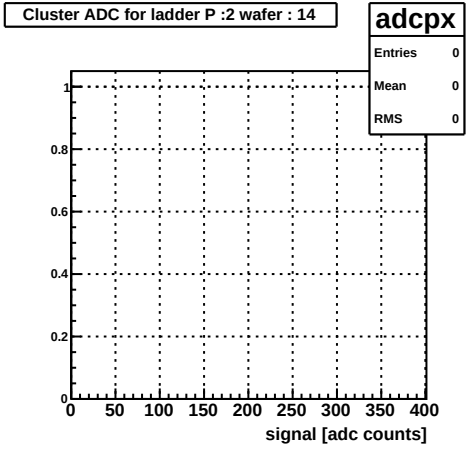

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

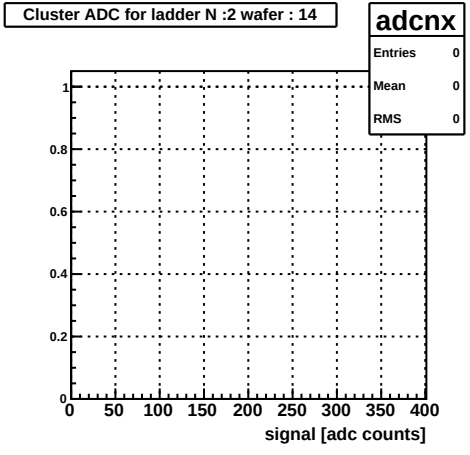

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

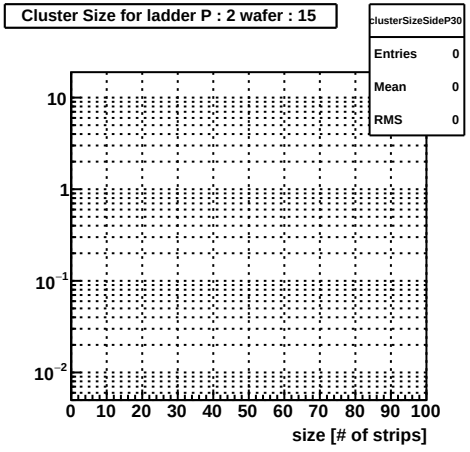

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

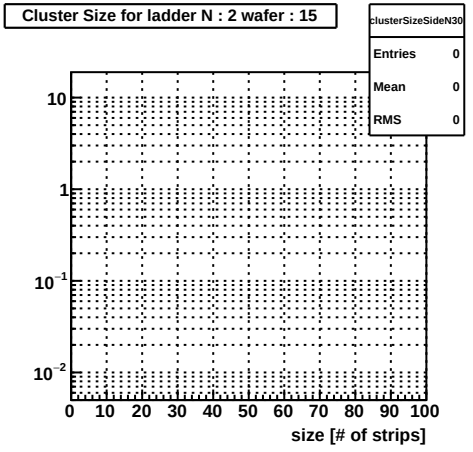

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

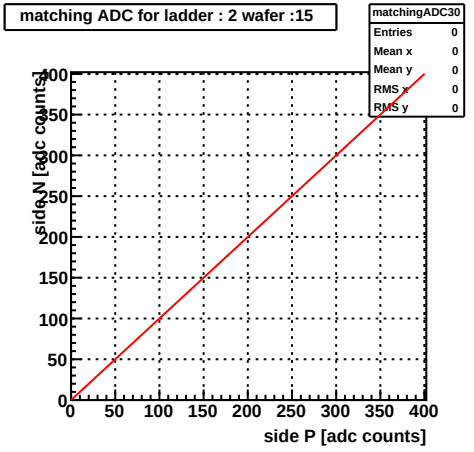

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

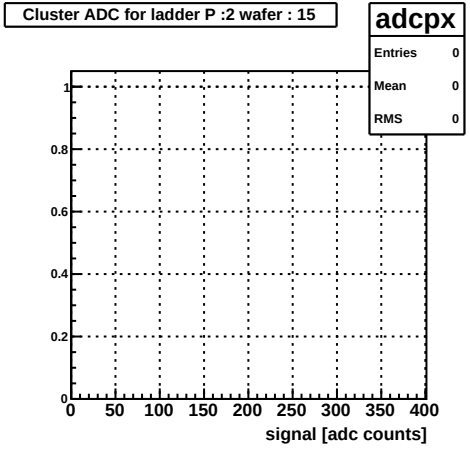

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

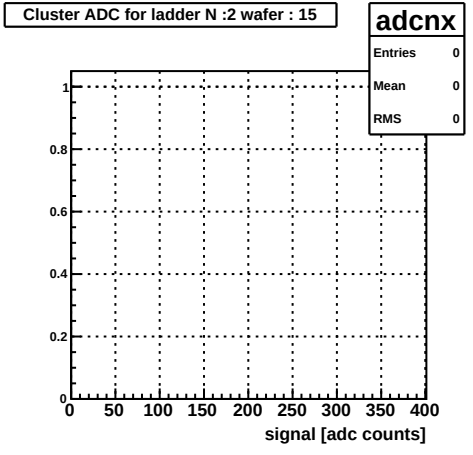

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

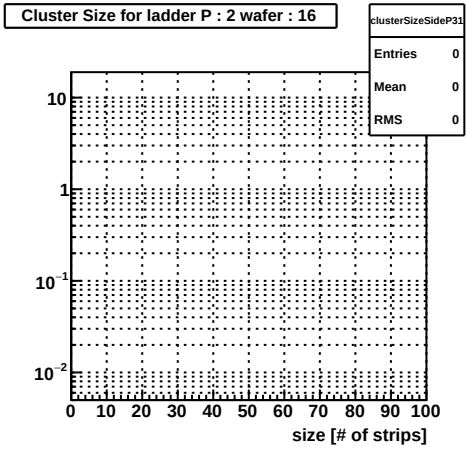

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

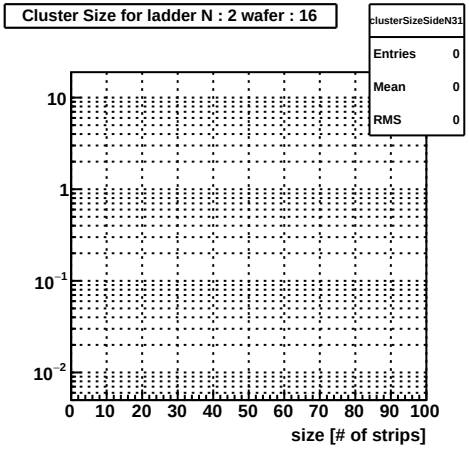

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

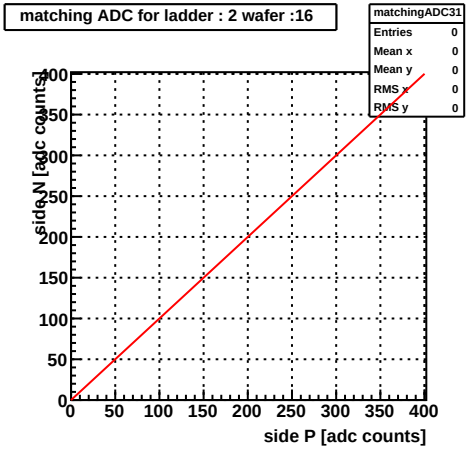

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

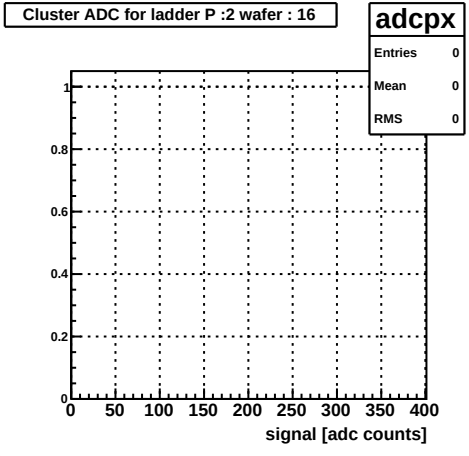

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

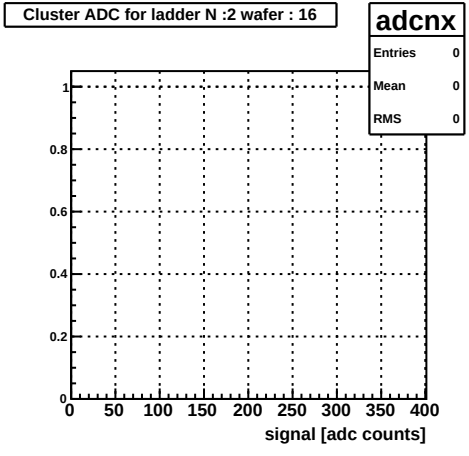

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

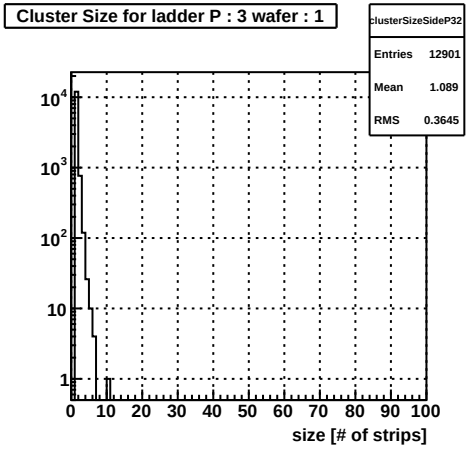

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

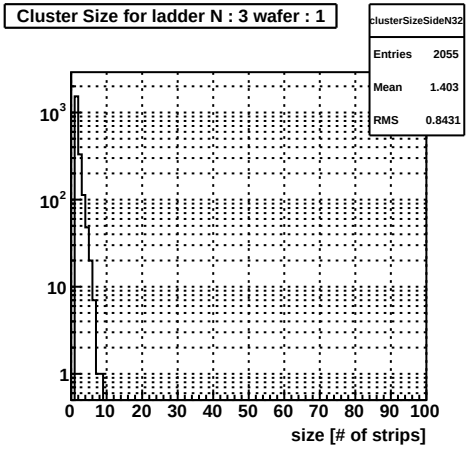

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

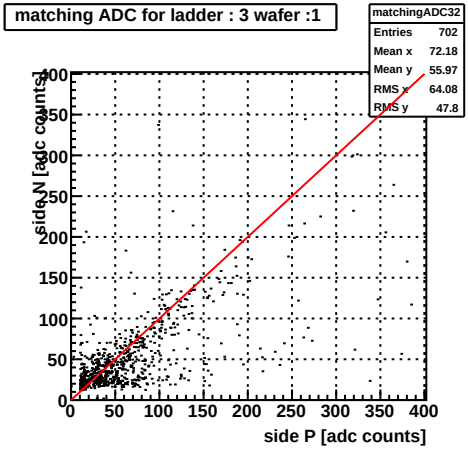

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

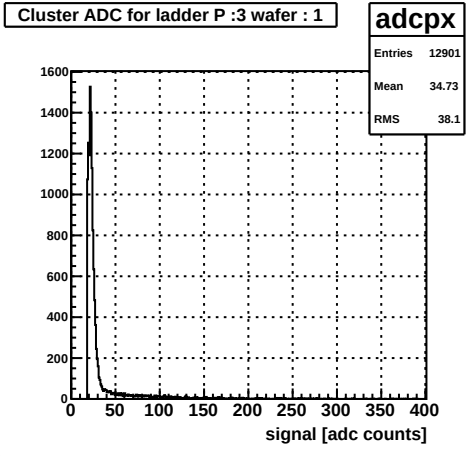

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

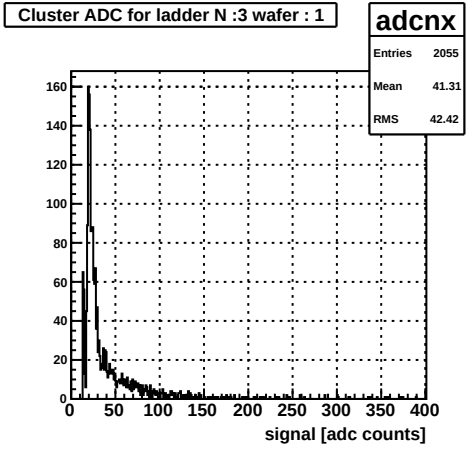

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

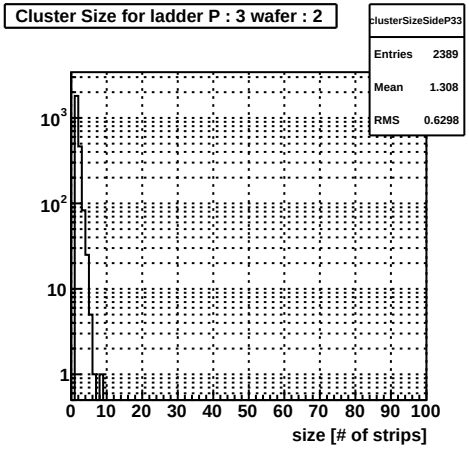

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 12901
Mean 1.089
RMS 0.3645
size [# of strips]

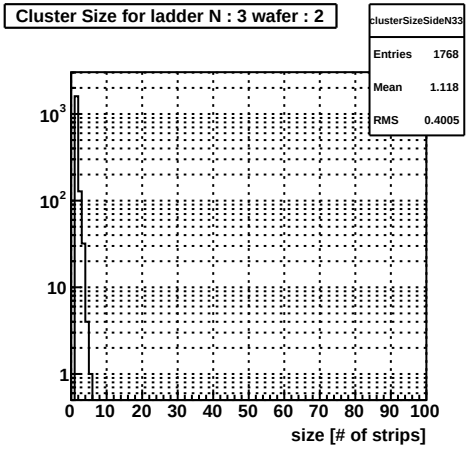

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2055
Mean 1.403
RMS 0.8431
size [# of strips]

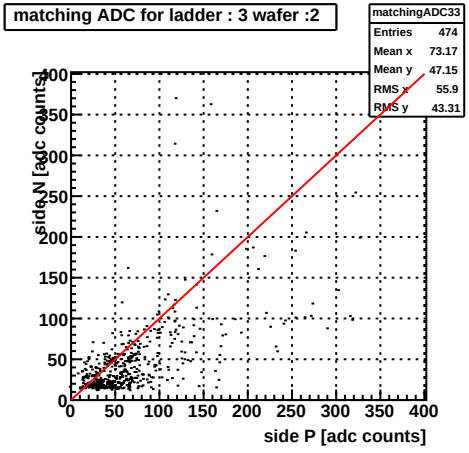

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 702
Mean x 72.18
Mean y 55.97
RMS x 64.08
RMS y 47.8
side N [adc counts]
side P [adc counts]

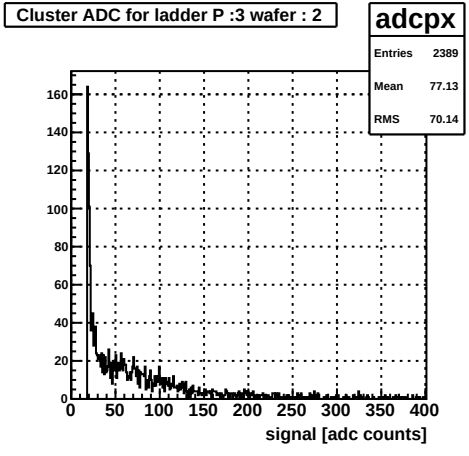

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 12901
Mean 34.73
RMS 38.1
signal [adc counts]

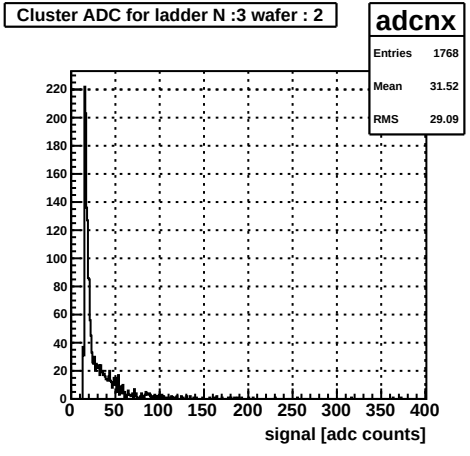

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2055
Mean 41.31
RMS 42.42
signal [adc counts]

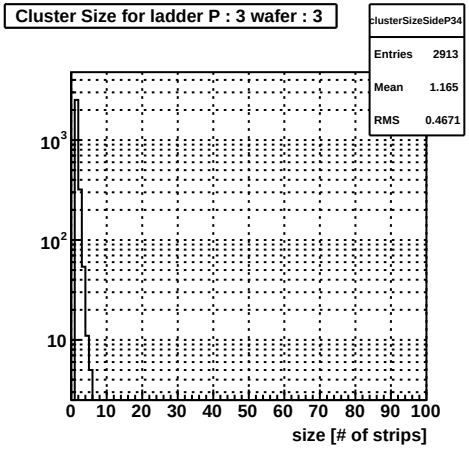

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2389
Mean 1.308
RMS 0.6298
size [# of strips]

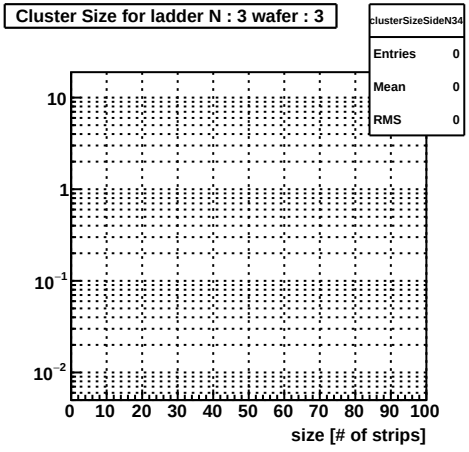

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1768
Mean 1.118
RMS 0.4005
size [# of strips]

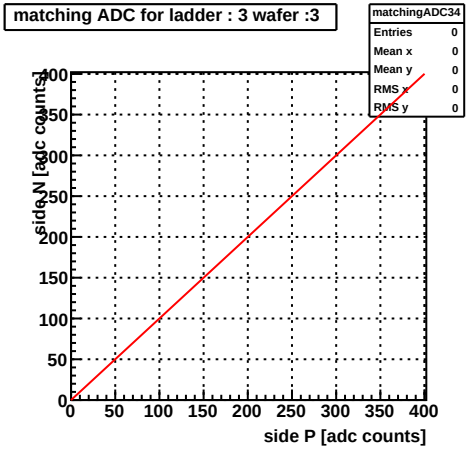

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 474
Mean x 73.17
Mean y 47.15
RMS x 55.9
RMS y 43.31
side N [adc counts]
side P [adc counts]

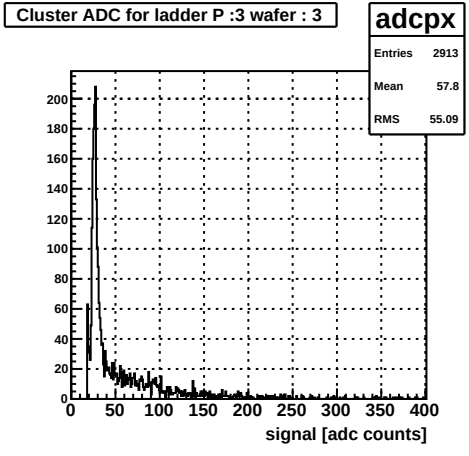

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2389
Mean 77.13
RMS 70.14
signal [adc counts]

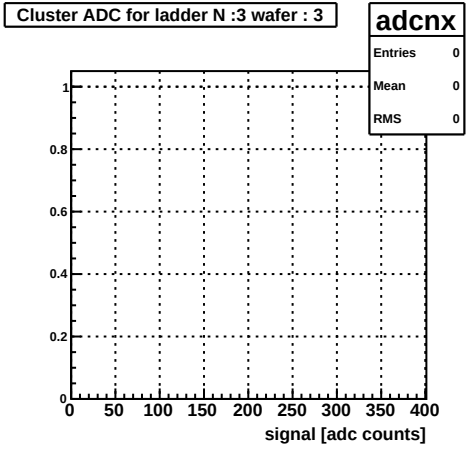

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1768
Mean 31.52
RMS 29.09
signal [adc counts]

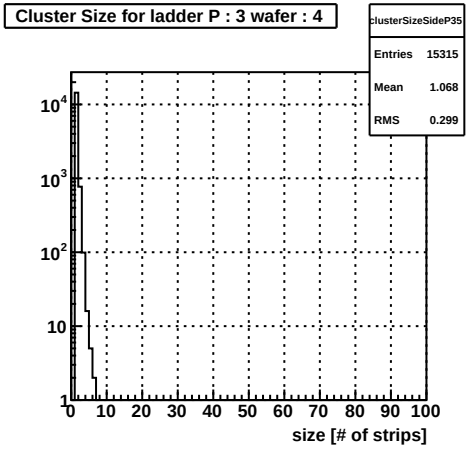

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2913
Mean 1.165
RMS 0.4671
size [# of strips]

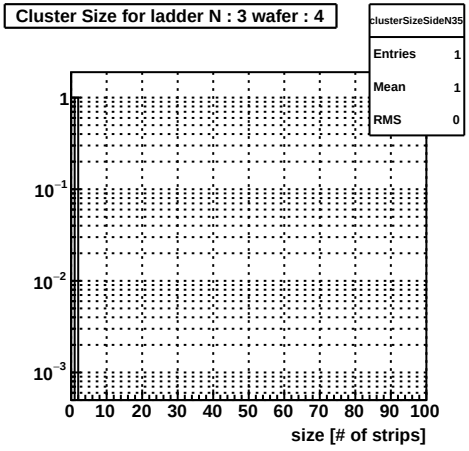

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

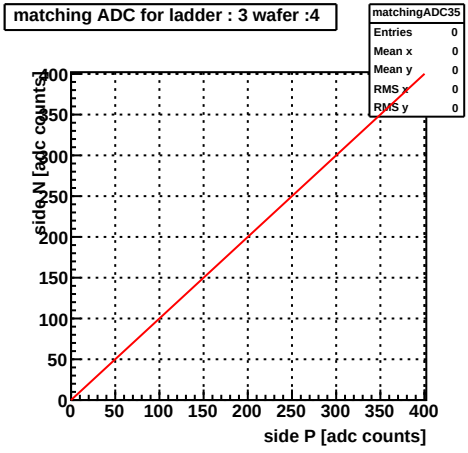

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

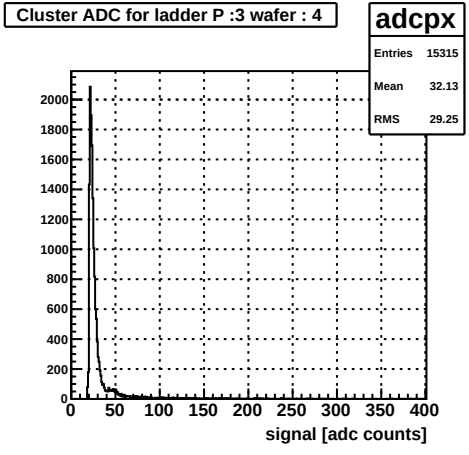

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2913
Mean 57.8
RMS 55.09
signal [adc counts]

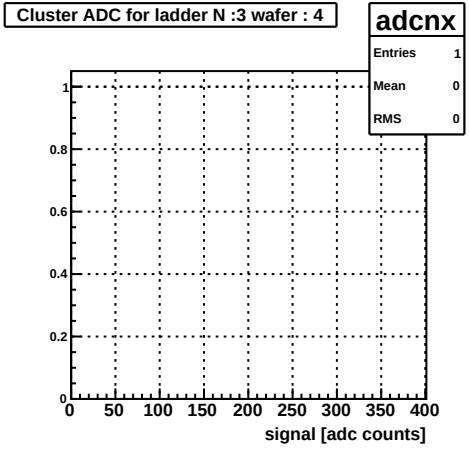

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

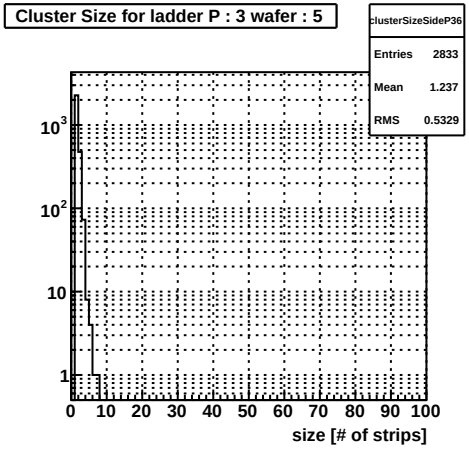

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15315
Mean 1.068
RMS 0.299
size [# of strips]

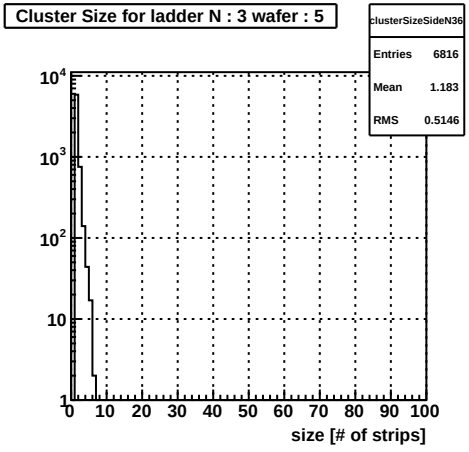

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

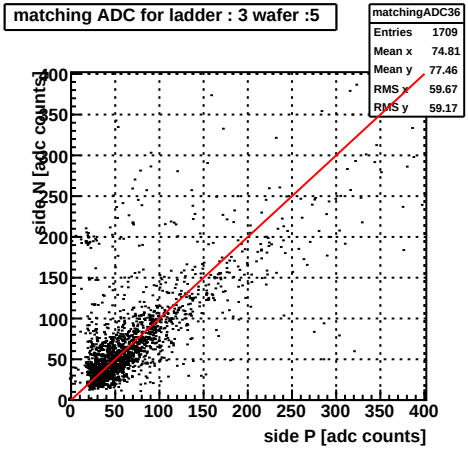

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

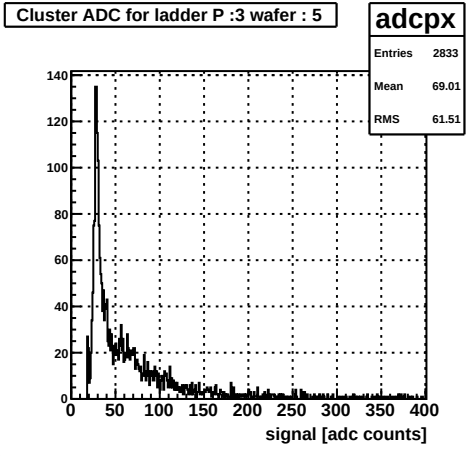

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15315
Mean 32.13
RMS 29.25
signal [adc counts]

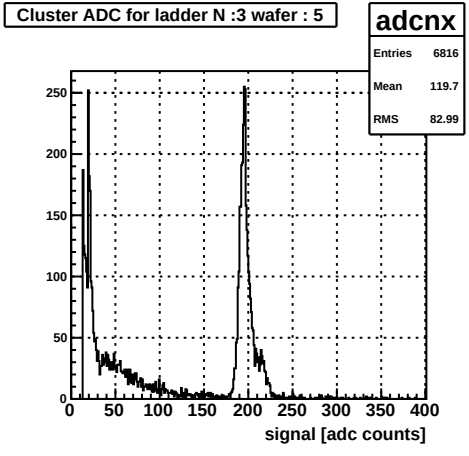

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

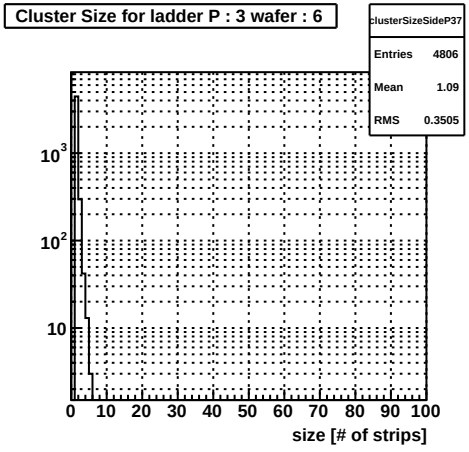

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2833
Mean 1.237
RMS 0.5329
size [# of strips]

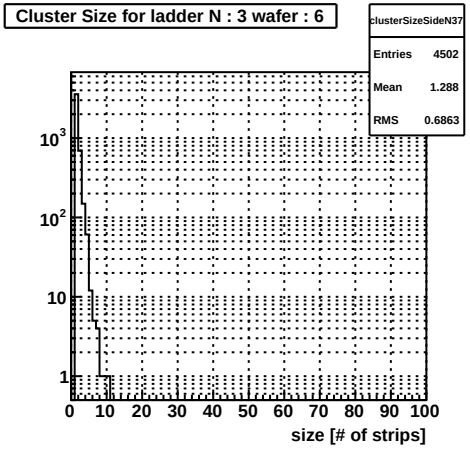

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6816
Mean 1.183
RMS 0.5146
size [# of strips]

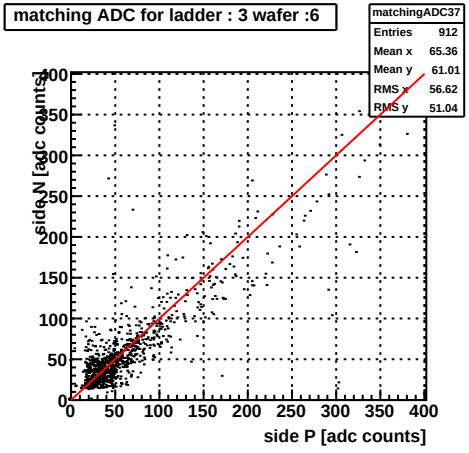

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1709
Mean x 74.81
Mean y 77.46
RMS x 59.67
RMS y 59.17
side N [adc counts]
side P [adc counts]

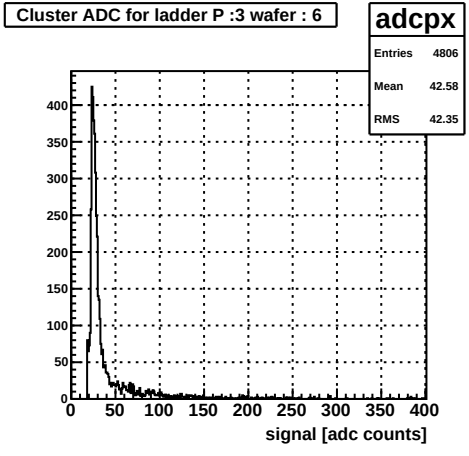

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2833
Mean 69.01
RMS 61.51
signal [adc counts]

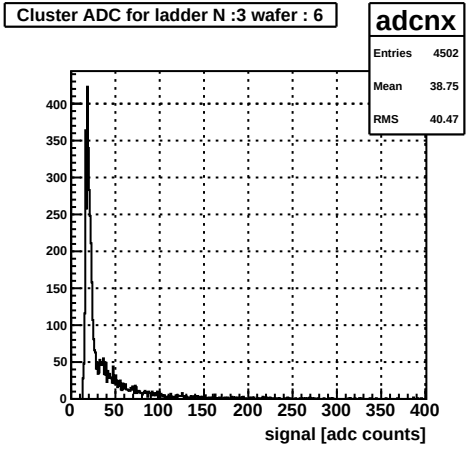

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6816
Mean 119.7
RMS 82.99
signal [adc counts]

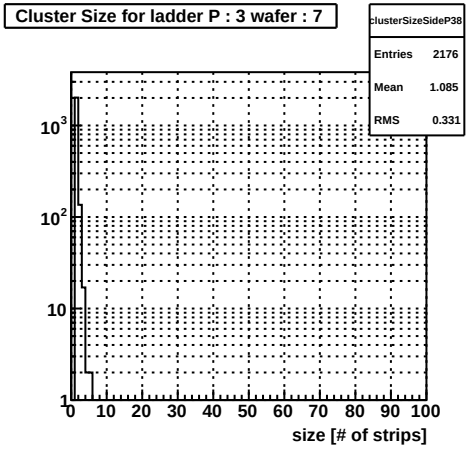

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4806
Mean 1.09
RMS 0.3505
size [# of strips]

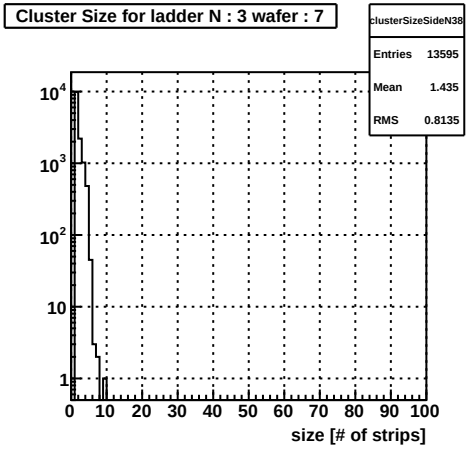

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4502
Mean 1.288
RMS 0.6863
size [# of strips]

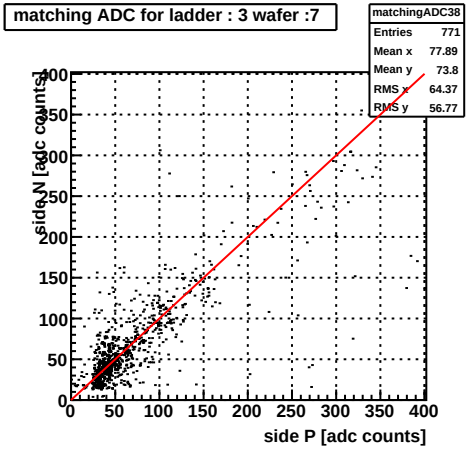

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 912
Mean x 65.36
Mean y 61.01
RMS x 56.62
RMS y 51.04
side N [adc counts]
side P [adc counts]

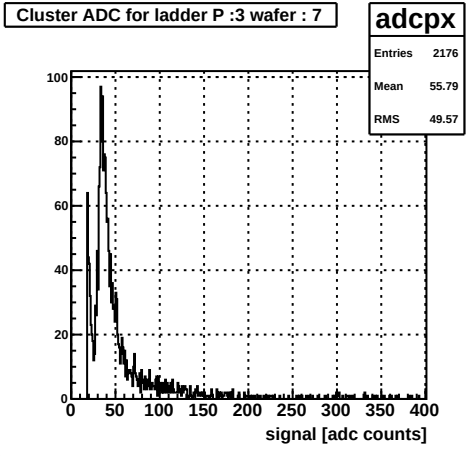

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4806
Mean 42.58
RMS 42.35
signal [adc counts]

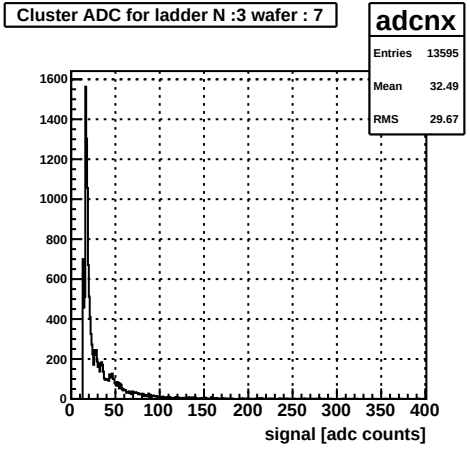

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4502
Mean 38.75
RMS 40.47
signal [adc counts]

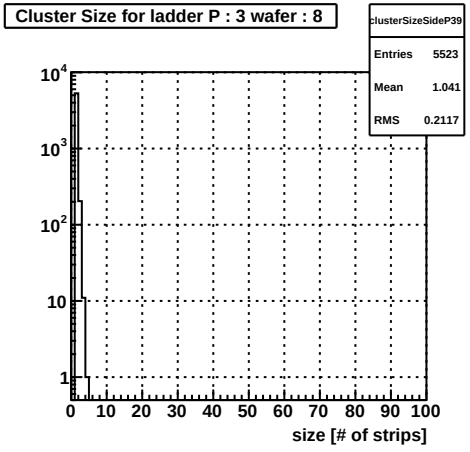

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2176
Mean 1.085
RMS 0.331
size [# of strips]

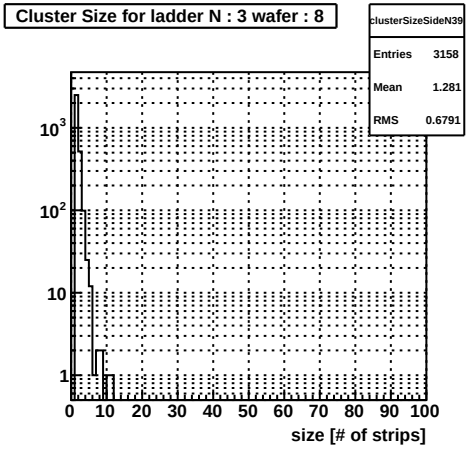

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13595
Mean 1.435
RMS 0.8135
size [# of strips]

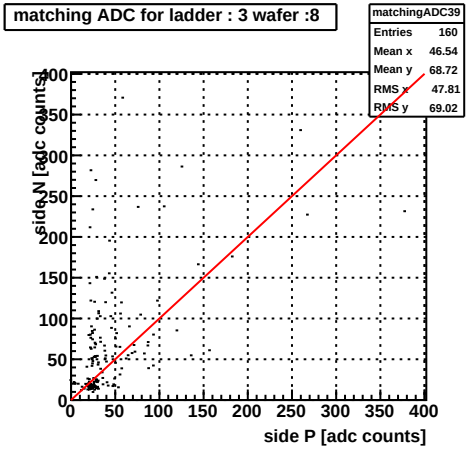

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 771
Mean x 77.89
Mean y 73.8
RMS x 64.37
RMS y 56.77
side N [adc counts]
side P [adc counts]

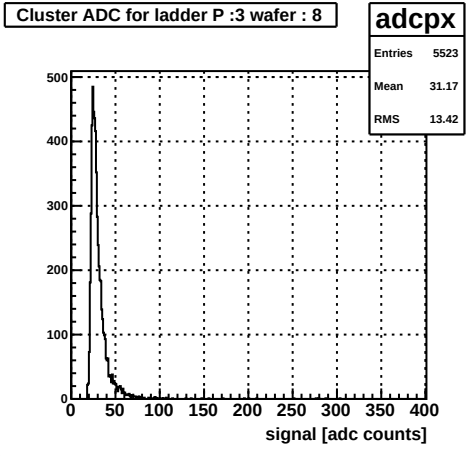

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2176
Mean 55.79
RMS 49.57
signal [adc counts]

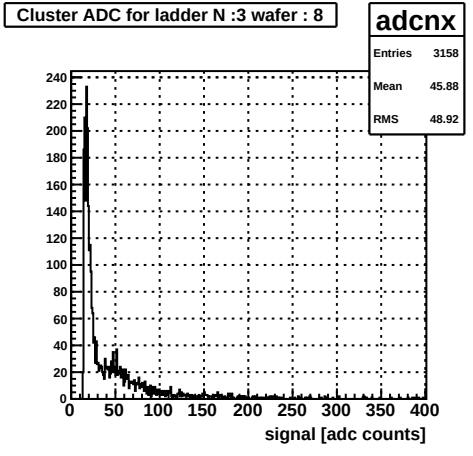

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13595
Mean 32.49
RMS 29.67
signal [adc counts]

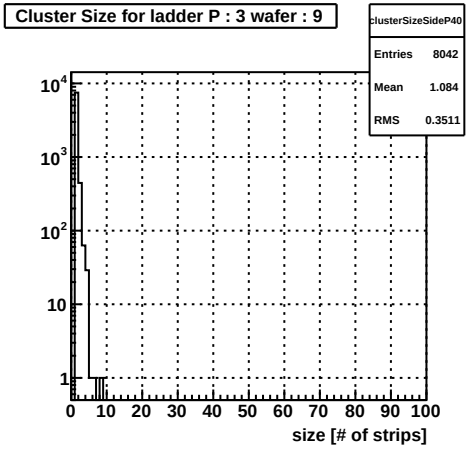

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5523
Mean 1.041
RMS 0.2117
size [# of strips]

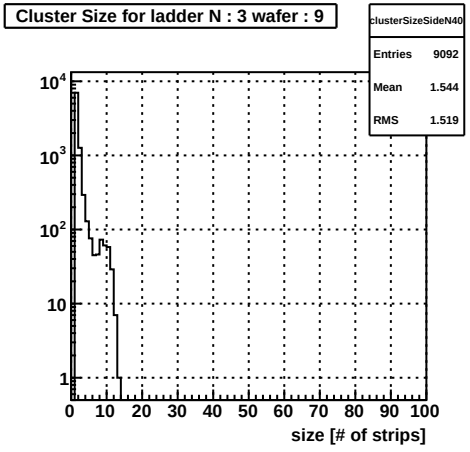

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3158
Mean 1.281
RMS 0.6791
size [# of strips]

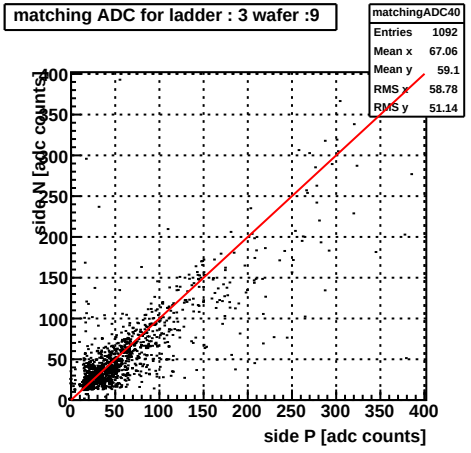

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 160
Mean x 46.54
Mean y 68.72
RMS x 47.81
RMS y 69.02
side N [adc counts]
side P [adc counts]

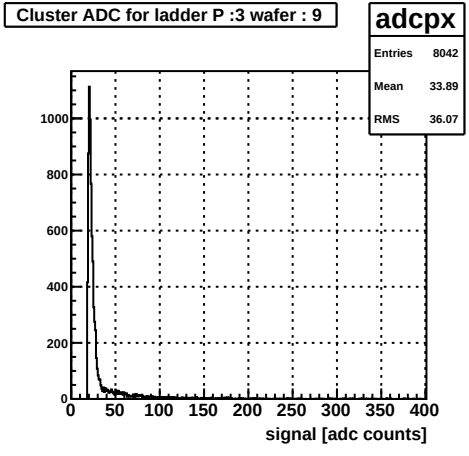

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5523
Mean 31.17
RMS 13.42
signal [adc counts]

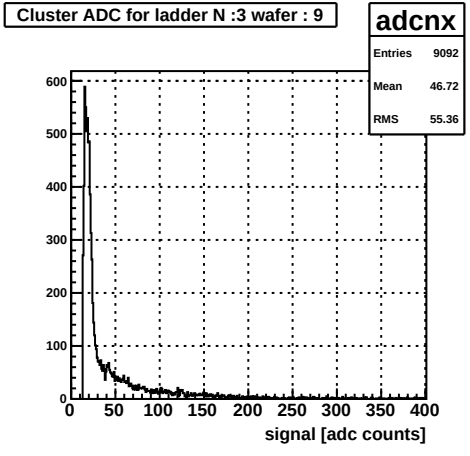

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3158
Mean 45.88
RMS 48.92
signal [adc counts]

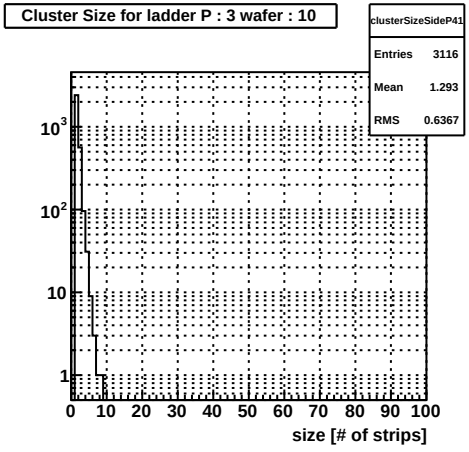

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8042
Mean 1.084
RMS 0.3511
size [# of strips]

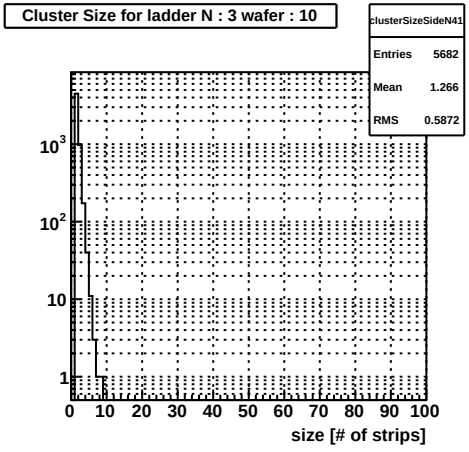

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9092
Mean 1.544
RMS 1.519
size [# of strips]

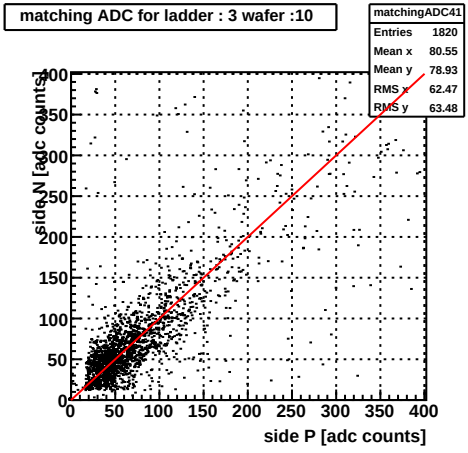

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1092
Mean x 67.06
Mean y 59.1
RMS x 58.78
RMS y 51.14
side N [adc counts]
side P [adc counts]

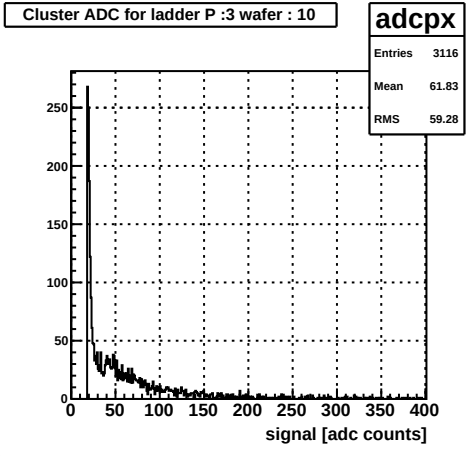

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8042
Mean 33.89
RMS 36.07
signal [adc counts]

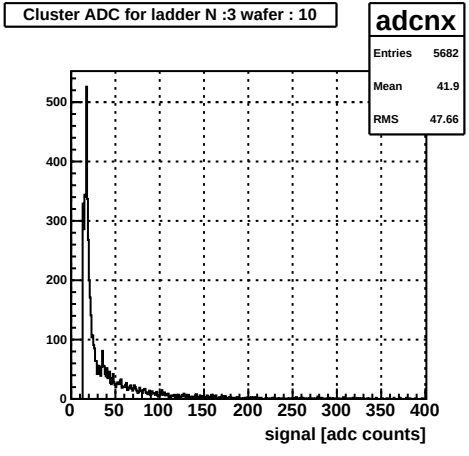

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9092
Mean 46.72
RMS 55.36
signal [adc counts]

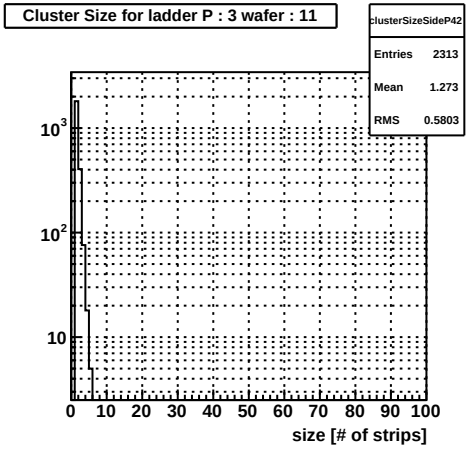

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3116
Mean 1.293
RMS 0.6367
size [# of strips]

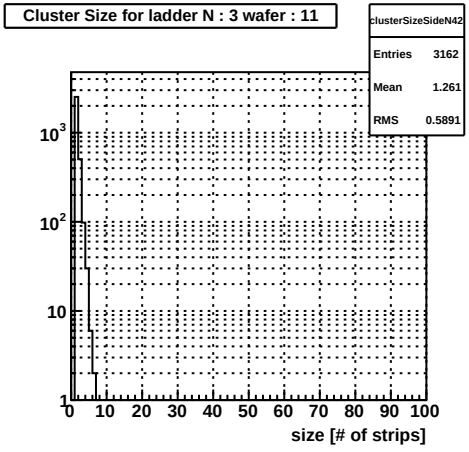

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5682
Mean 1.266
RMS 0.5872
size [# of strips]

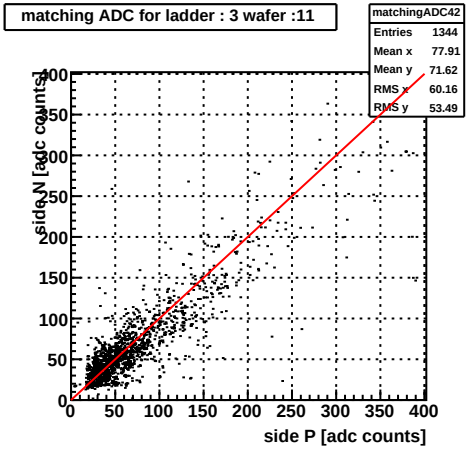

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1820
Mean x 80.55
Mean y 78.93
RMS x 62.47
RMS y 63.48
side N [adc counts]
side P [adc counts]

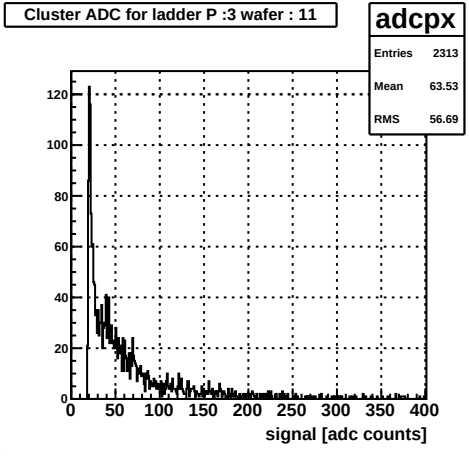

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3116
Mean 61.83
RMS 59.28
signal [adc counts]

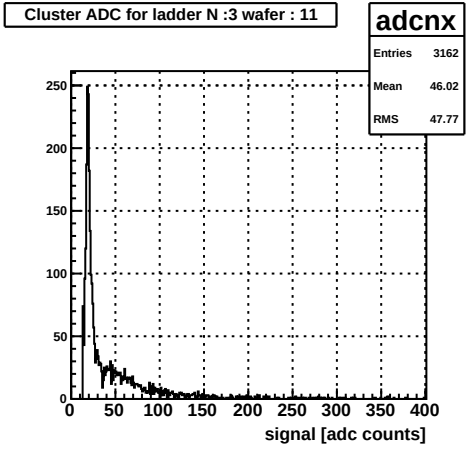

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5682
Mean 41.9
RMS 47.66
signal [adc counts]

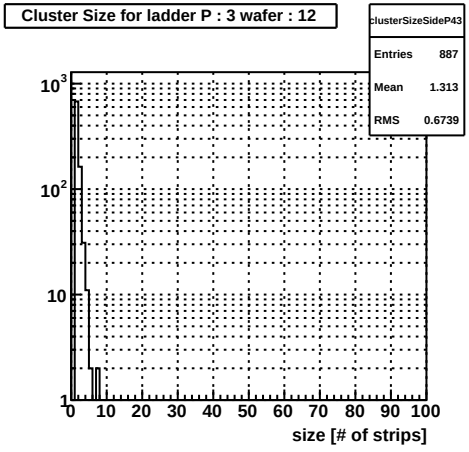

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2313
Mean 1.273
RMS 0.5803
size [# of strips]

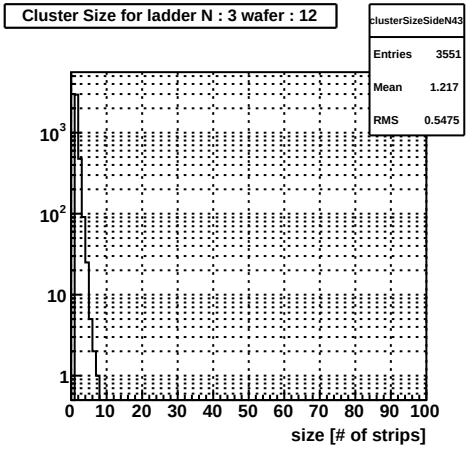

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3162
Mean 1.261
RMS 0.5891
size [# of strips]

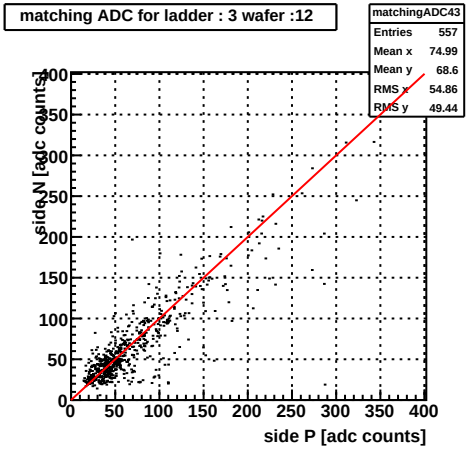

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1344
Mean x 77.91
Mean y 71.62
RMS x 60.16
RMS y 53.49
side N [adc counts]
side P [adc counts]

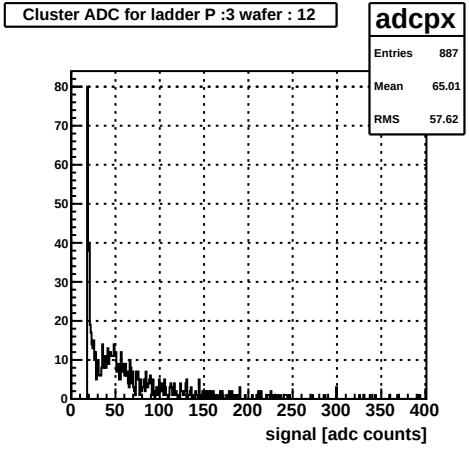

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2313
Mean 63.53
RMS 56.69
signal [adc counts]

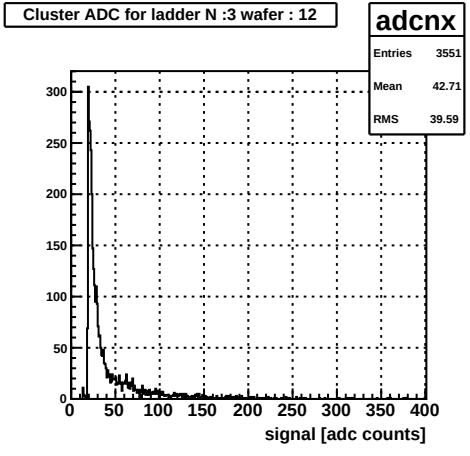

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3162
Mean 46.02
RMS 47.77
signal [adc counts]

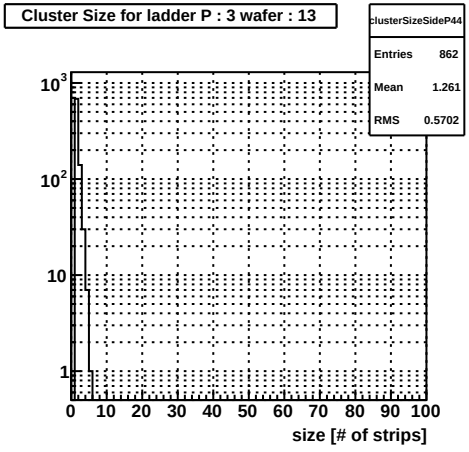

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 887
Mean 1.313
RMS 0.6739
size [# of strips]

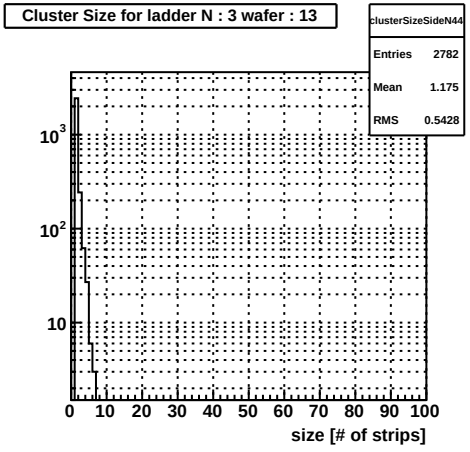

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3551
Mean 1.217
RMS 0.5475
size [# of strips]

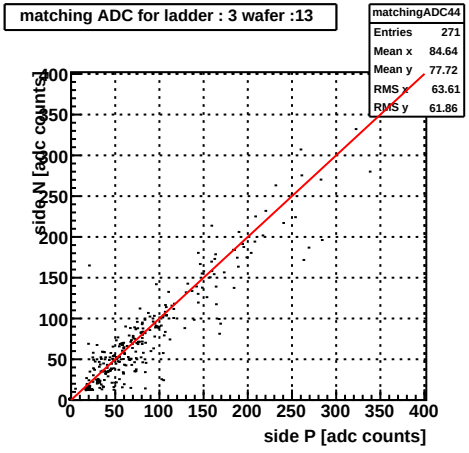

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 557
Mean x 74.99
Mean y 68.6
RMS x 54.86
RMS y 49.44
side N [adc counts]
side P [adc counts]

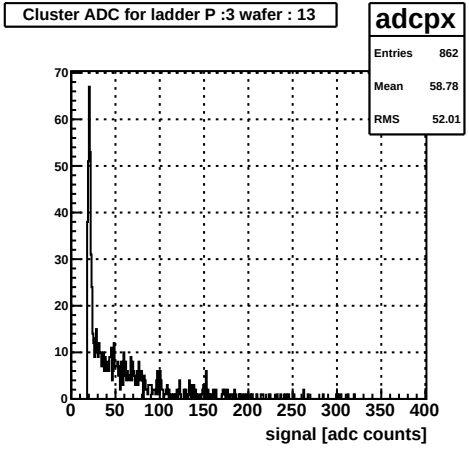

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 887
Mean 65.01
RMS 57.62
signal [adc counts]

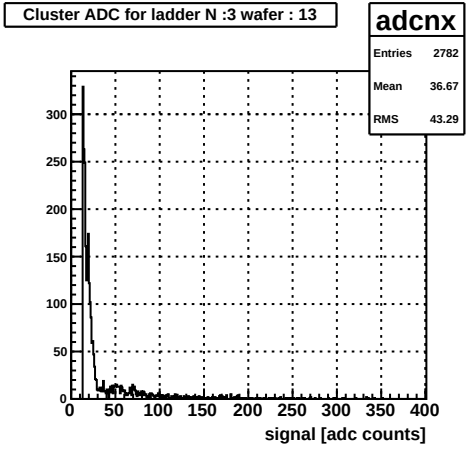

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3551
Mean 42.71
RMS 39.59
signal [adc counts]

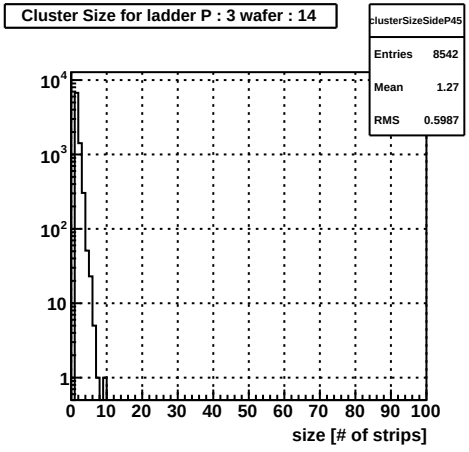

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 862
Mean 1.261
RMS 0.5702
size [# of strips]

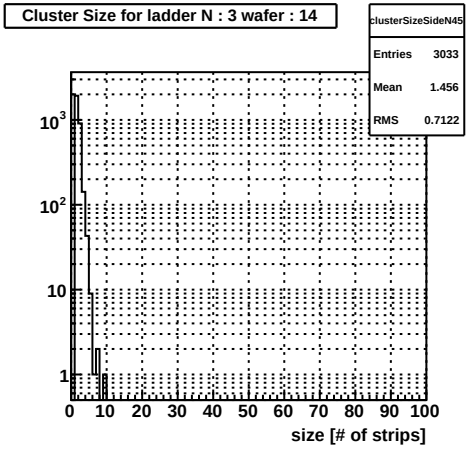

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2782
Mean 1.175
RMS 0.5428
size [# of strips]

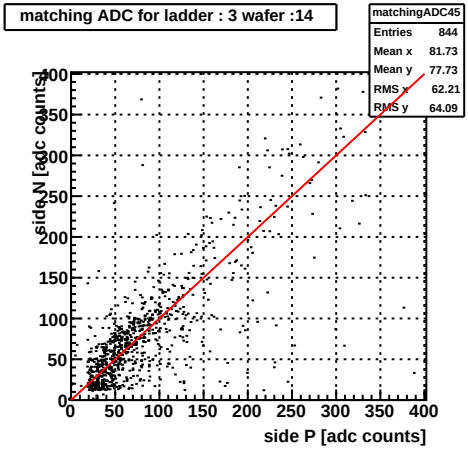

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 271
Mean x 84.64
Mean y 77.72
RMS x 63.61
RMS y 61.86
side N [adc counts]
side P [adc counts]

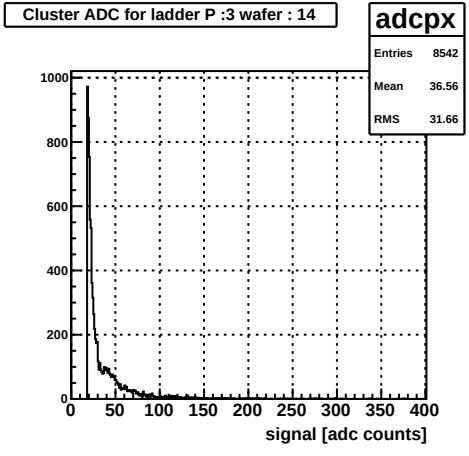

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 862
Mean 58.78
RMS 52.01
signal [adc counts]

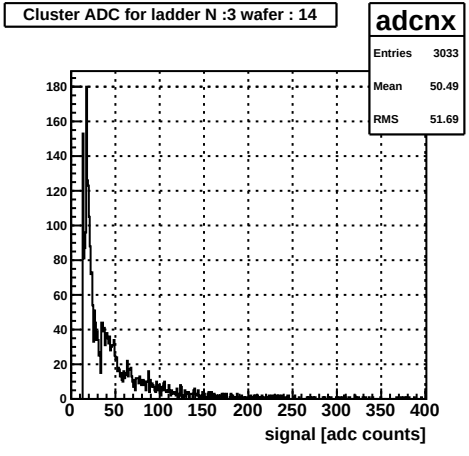

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2782
Mean 36.67
RMS 43.29
signal [adc counts]

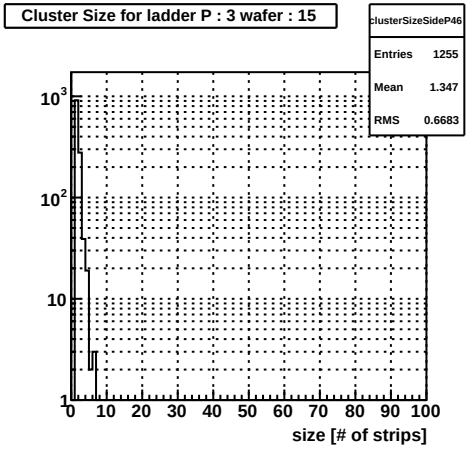

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8542
Mean 1.27
RMS 0.5987
size [# of strips]

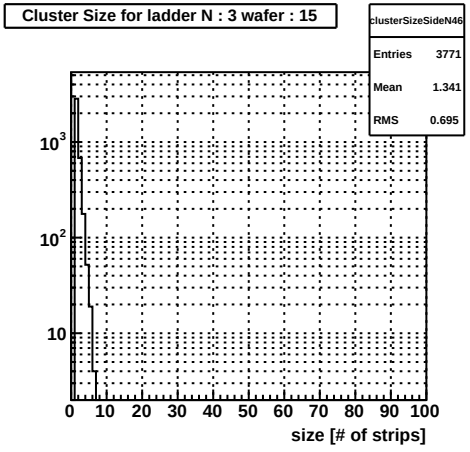

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3033
Mean 1.456
RMS 0.7122
size [# of strips]

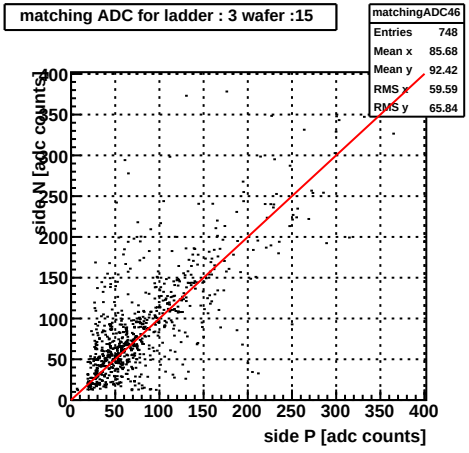

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 844
Mean x 81.73
Mean y 77.73
RMS x 62.21
RMS y 64.09
side N [adc counts]
side P [adc counts]

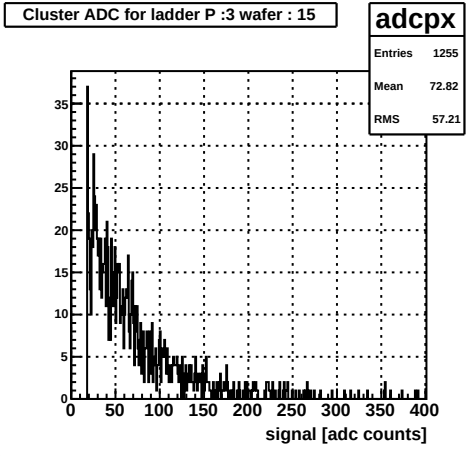

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8542
Mean 36.56
RMS 31.66
signal [adc counts]

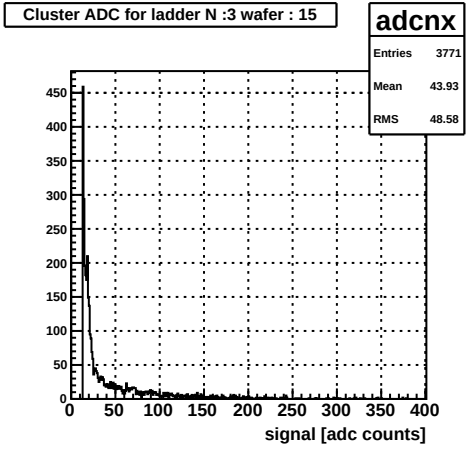

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3033
Mean 50.49
RMS 51.69
signal [adc counts]

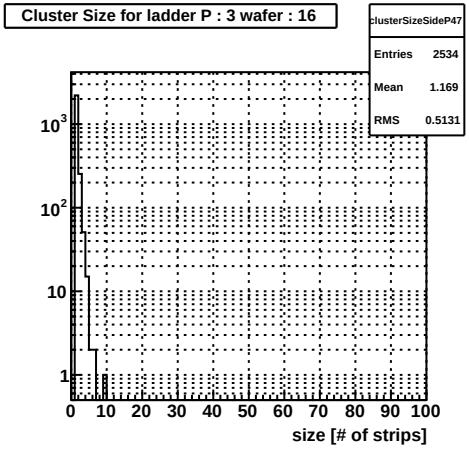

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1255
Mean 1.347
RMS 0.6683
size [# of strips]

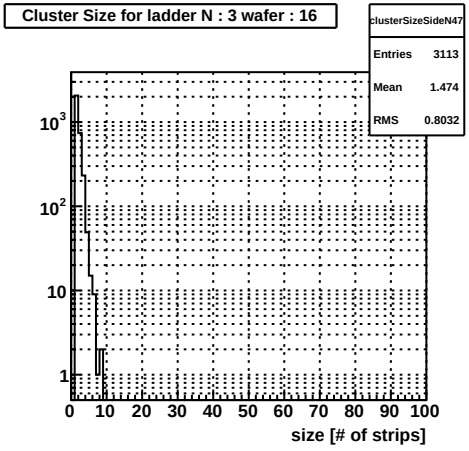

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3771
Mean 1.341
RMS 0.695
size [# of strips]

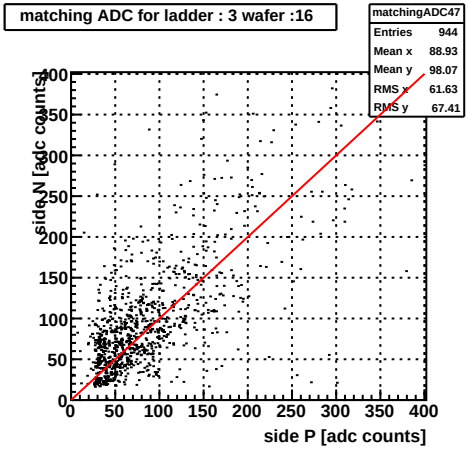

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 748
Mean x 85.68
Mean y 92.42
RMS x 59.59
RMS y 65.84
side N [adc counts]
side P [adc counts]

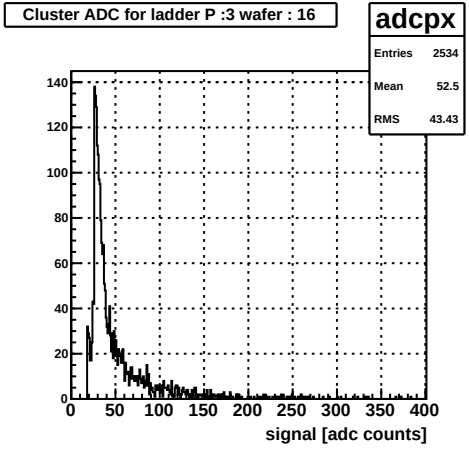

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1255
Mean 72.82
RMS 57.21
signal [adc counts]

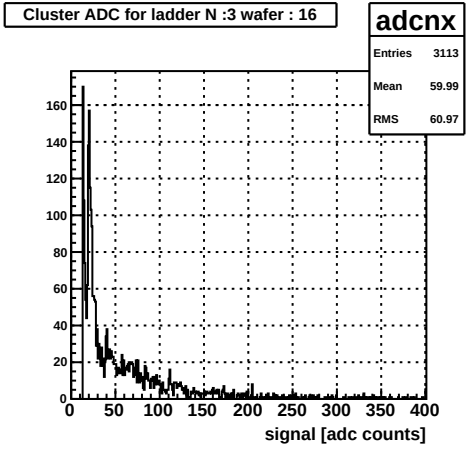

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3771
Mean 43.93
RMS 48.58
signal [adc counts]

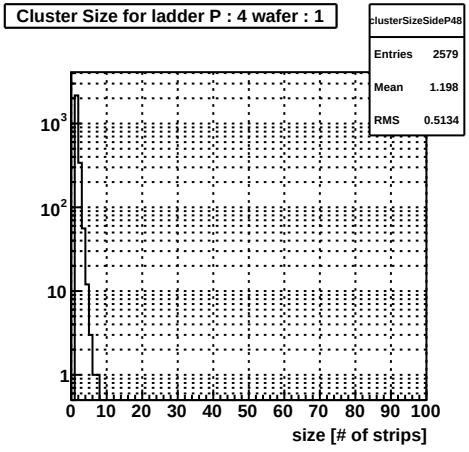

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2534
Mean 1.169
RMS 0.5131
size [# of strips]

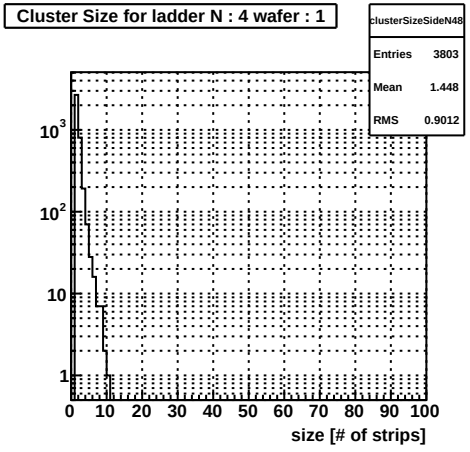

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3113
Mean 1.474
RMS 0.8032
size [# of strips]

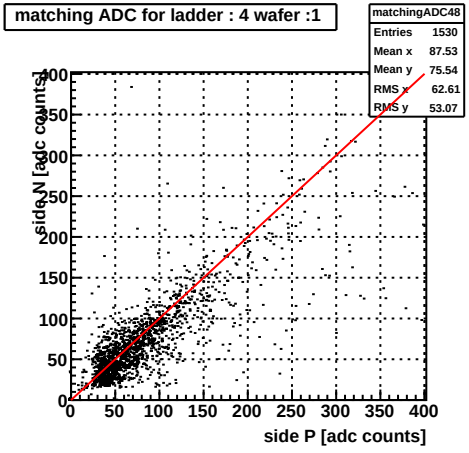

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 944
Mean x 88.93
Mean y 98.07
RMS x 61.63
RMS y 67.41
side N [adc counts]
side P [adc counts]

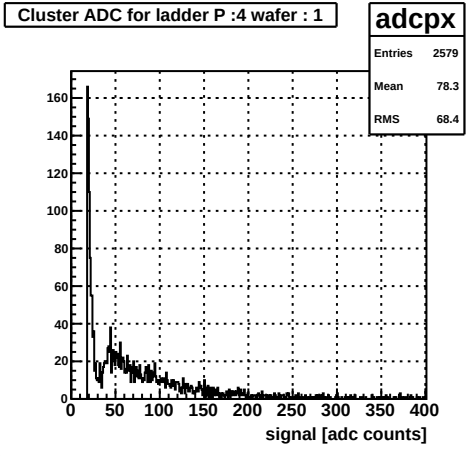

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2534
Mean 52.5
RMS 43.43
signal [adc counts]

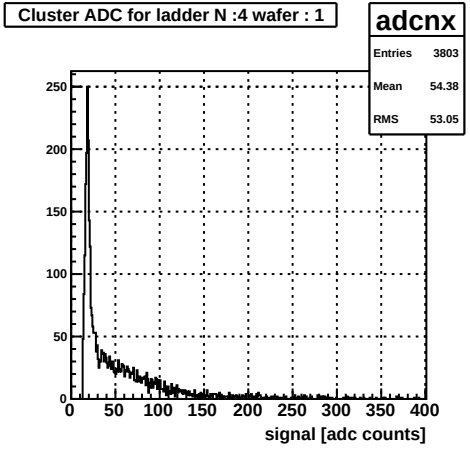

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3113
Mean 59.99
RMS 60.97
signal [adc counts]

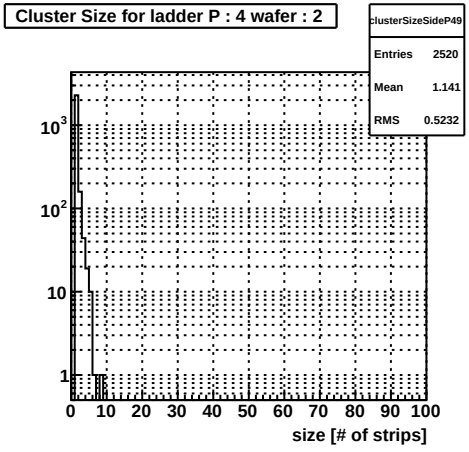

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2579
Mean 1.198
RMS 0.5134
size [# of strips]

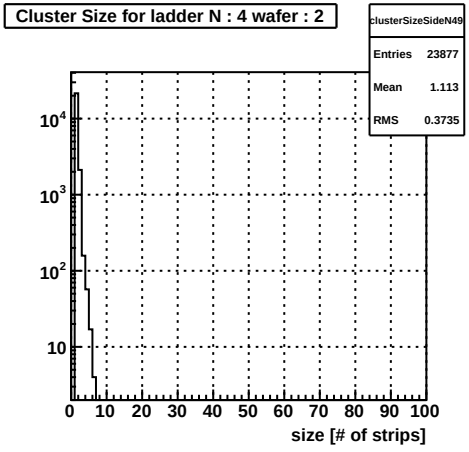

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3803
Mean 1.448
RMS 0.9012
size [# of strips]

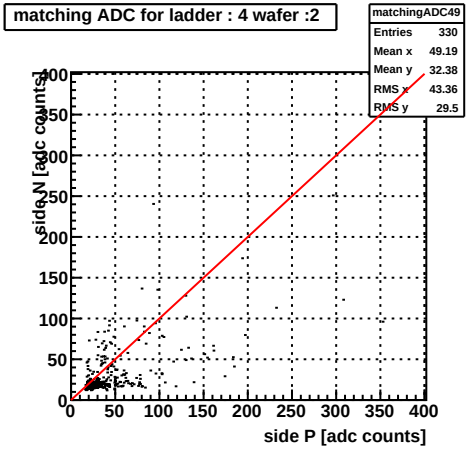

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1530
Mean x 87.53
Mean y 75.54
RMS x 62.61
RMS y 53.07
side N [adc counts]
side P [adc counts]

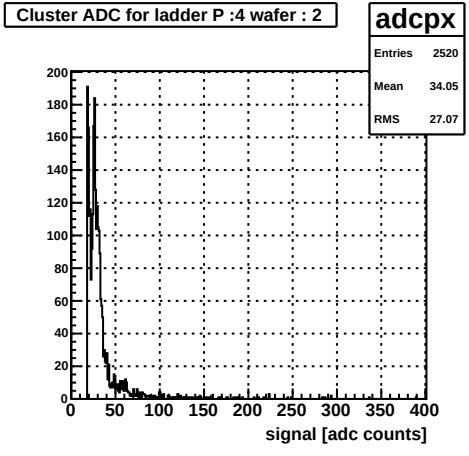

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2579
Mean 78.3
RMS 68.4
signal [adc counts]

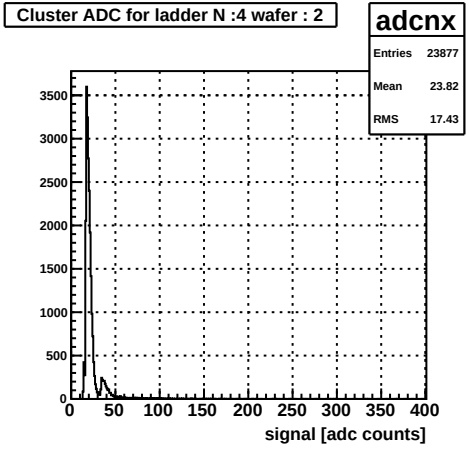

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3803
Mean 54.38
RMS 53.05
signal [adc counts]

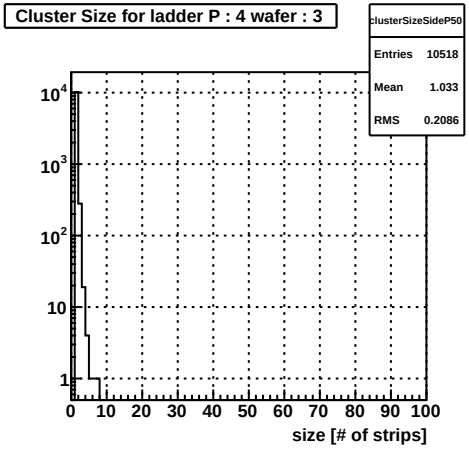

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2520
Mean 1.141
RMS 0.5232
size [# of strips]

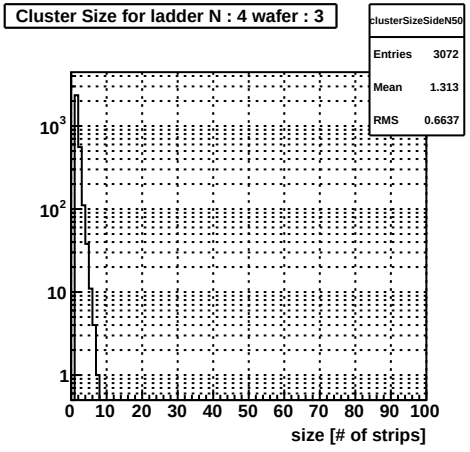

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 23877
Mean 1.113
RMS 0.3735
size [# of strips]

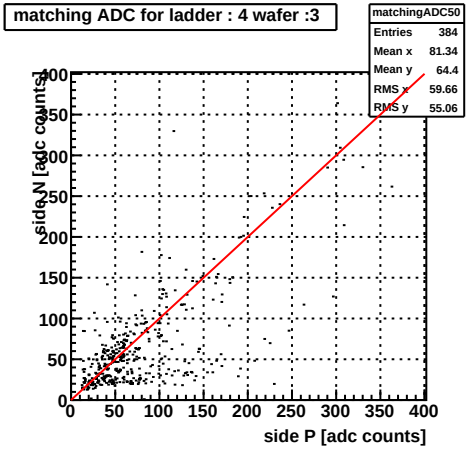

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 330
Mean x 49.19
Mean y 32.38
RMS x 43.36
RMS y 29.5
side N [adc counts]
side P [adc counts]

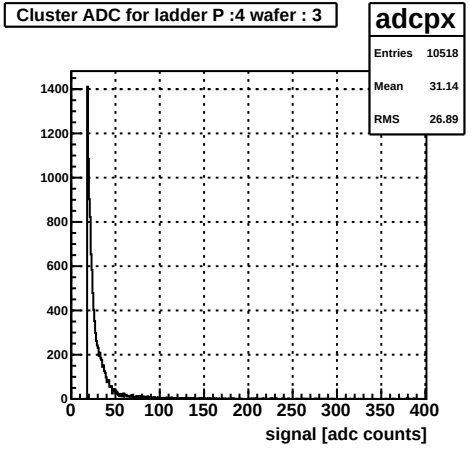

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2520
Mean 34.05
RMS 27.07
signal [adc counts]

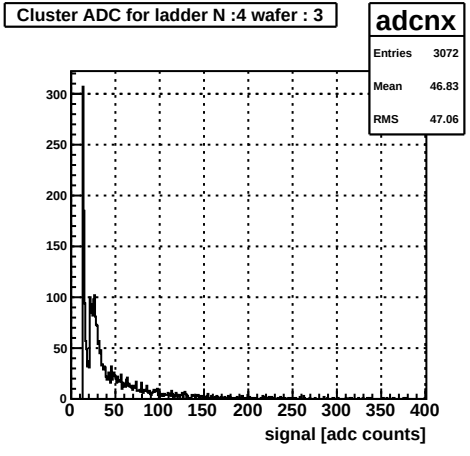

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 23877
Mean 23.82
RMS 17.43
signal [adc counts]

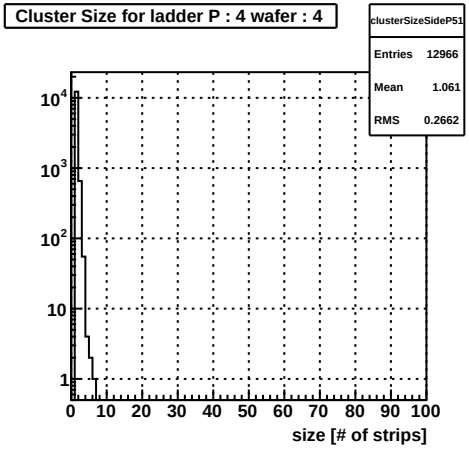

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10518
Mean 1.033
RMS 0.2086
size [# of strips]

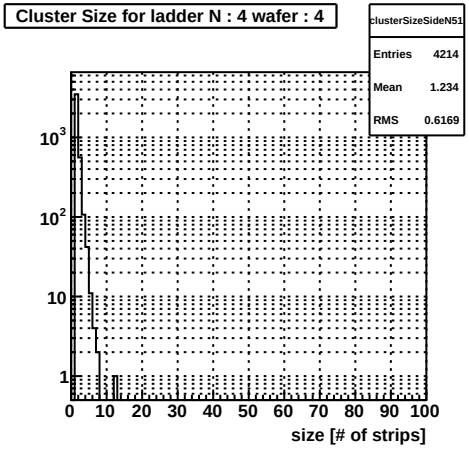

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3072
Mean 1.313
RMS 0.6637
size [# of strips]

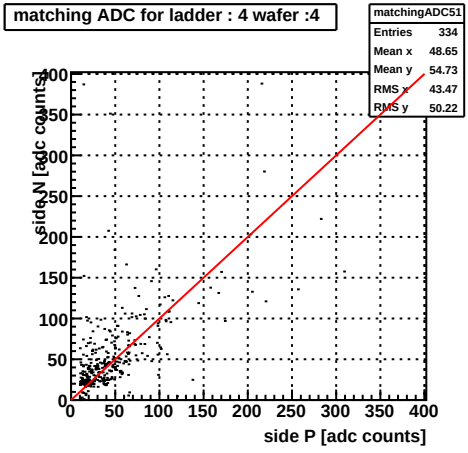

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 384
Mean x 81.34
Mean y 64.4
RMS x 59.66
RMS y 55.06
side N [adc counts]
side P [adc counts]

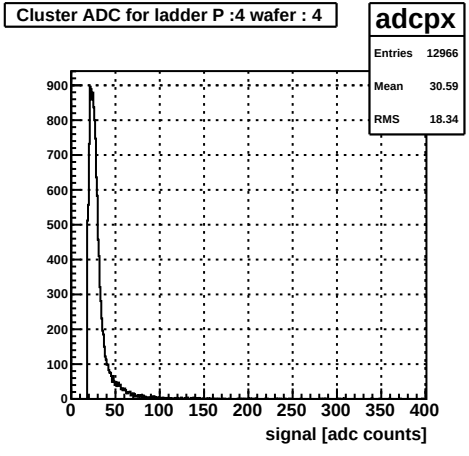

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10518
Mean 31.14
RMS 26.89
signal [adc counts]

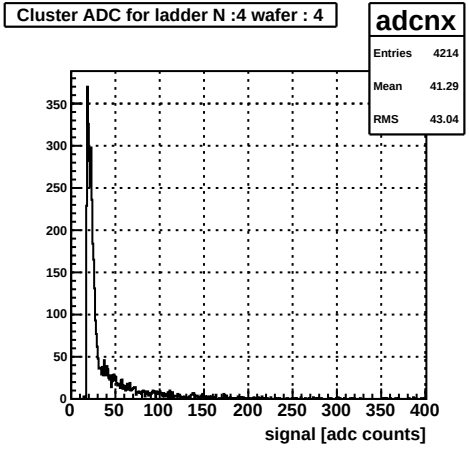

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3072
Mean 46.83
RMS 47.06
signal [adc counts]

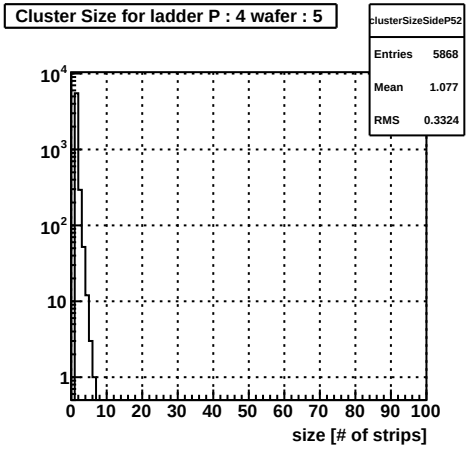

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 12966
Mean 1.061
RMS 0.2662
size [# of strips]

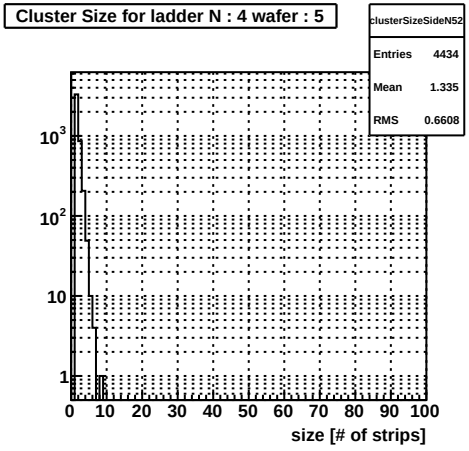

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4214
Mean 1.234
RMS 0.6169
size [# of strips]

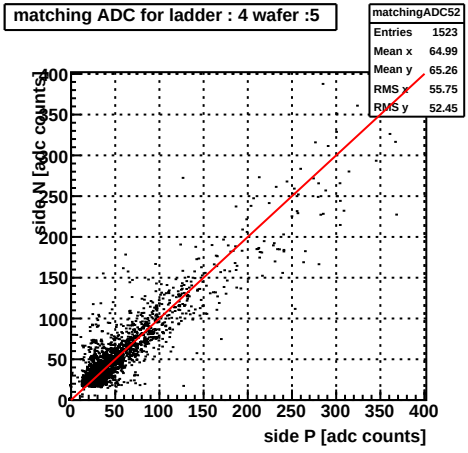

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 334
Mean x 48.65
Mean y 54.73
RMS x 43.47
RMS y 50.22
side N [adc counts]
side P [adc counts]

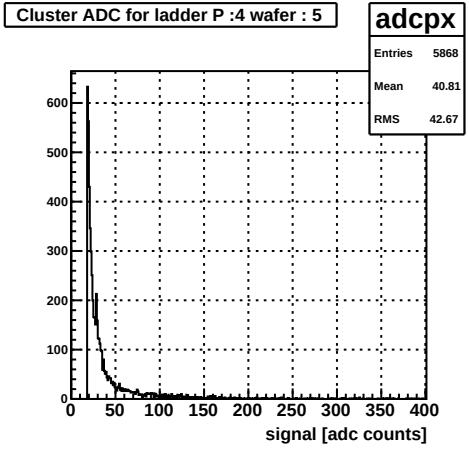

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 12966
Mean 30.59
RMS 18.34
signal [adc counts]

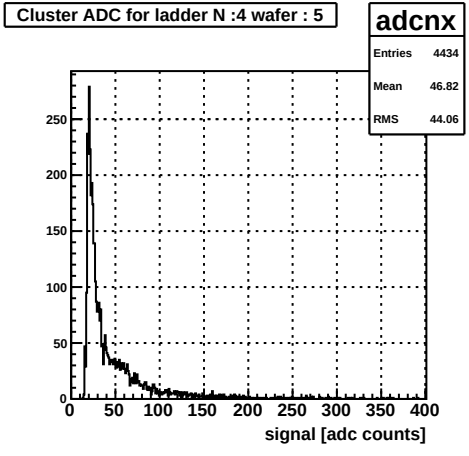

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4214
Mean 41.29
RMS 43.04
signal [adc counts]

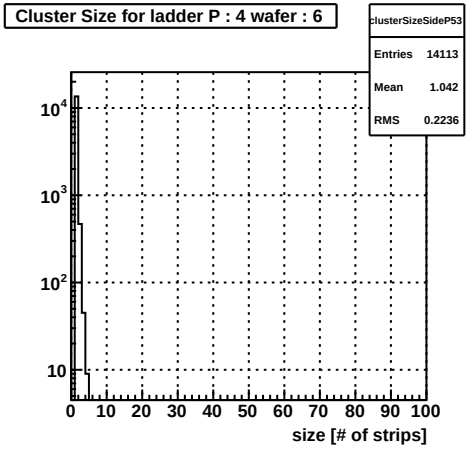

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5868
Mean 1.077
RMS 0.3324
size [# of strips]

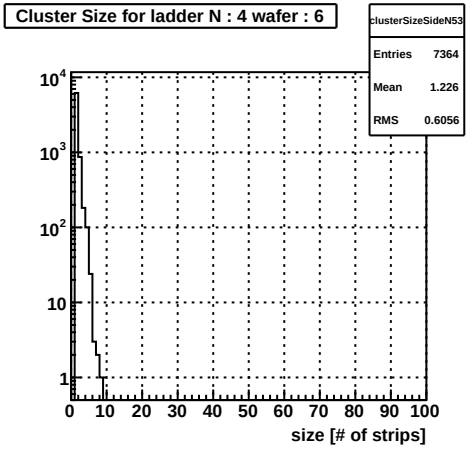

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4434
Mean 1.335
RMS 0.6608
size [# of strips]

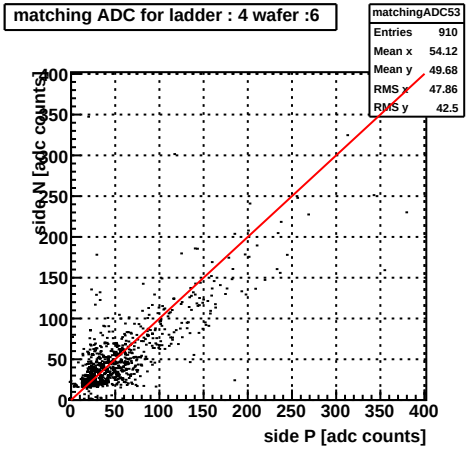

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1523
Mean x 64.99
Mean y 65.26
RMS x 55.75
RMS y 52.45
side N [adc counts]
side P [adc counts]

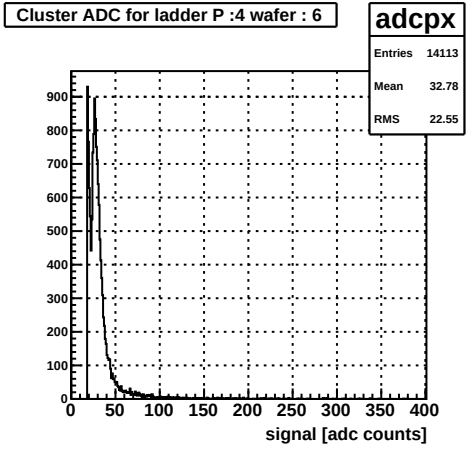

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5868
Mean 40.81
RMS 42.67
signal [adc counts]

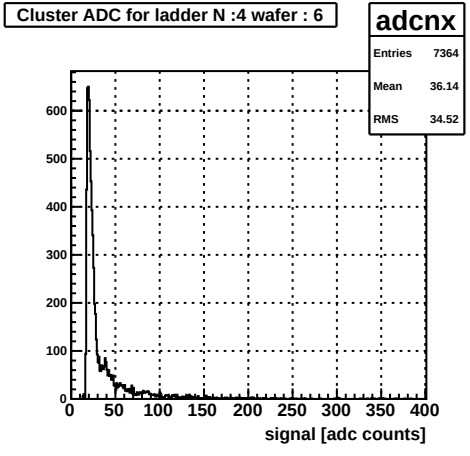

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4434
Mean 46.82
RMS 44.06
signal [adc counts]

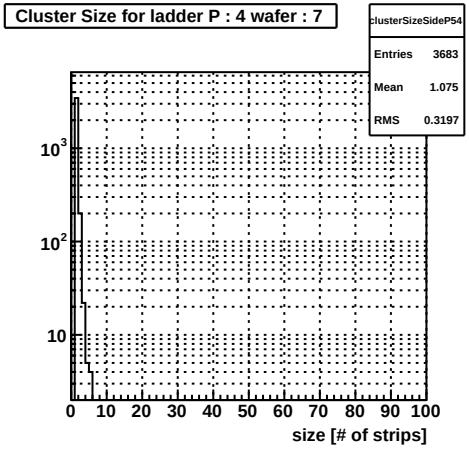

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 14113
Mean 1.042
RMS 0.2236
size [# of strips]

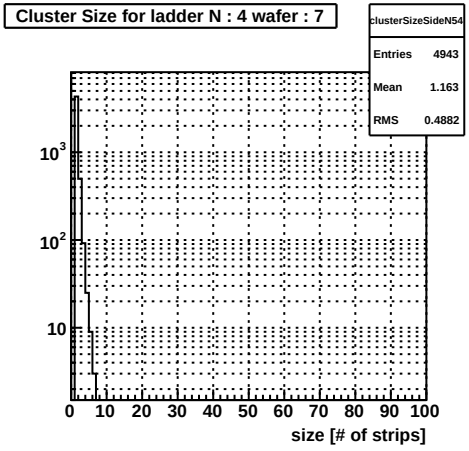

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7364
Mean 1.226
RMS 0.6056
size [# of strips]

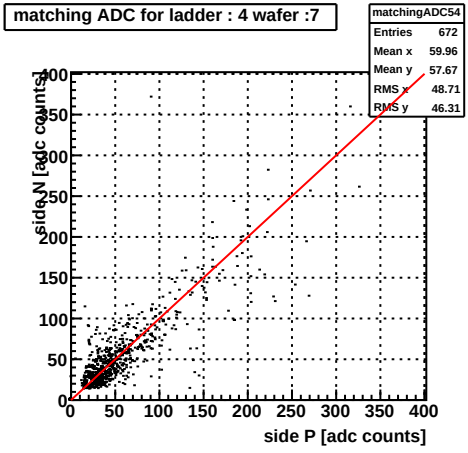

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 910
Mean x 54.12
Mean y 49.68
RMS x 47.86
RMS y 42.5
side N [adc counts]
side P [adc counts]

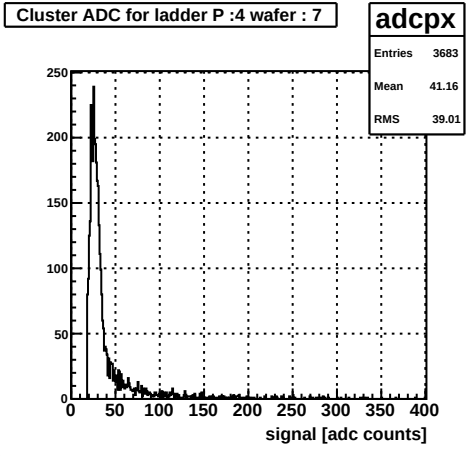

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 14113
Mean 32.78
RMS 22.55
signal [adc counts]

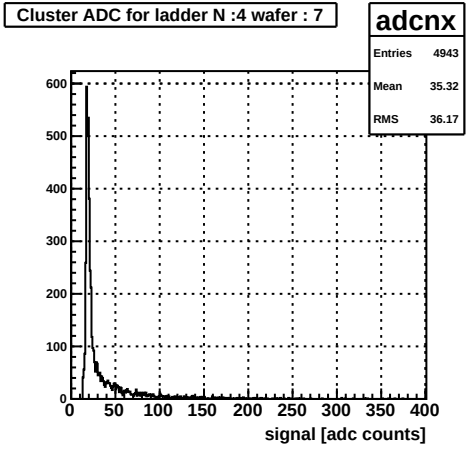

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7364
Mean 36.14
RMS 34.52
signal [adc counts]

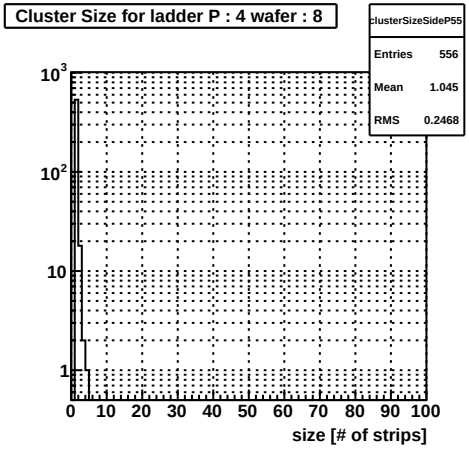

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3683
Mean 1.075
RMS 0.3197
size [# of strips]

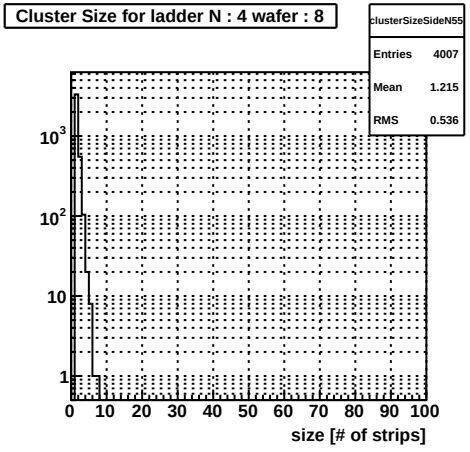

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4943
Mean 1.163
RMS 0.4882
size [# of strips]

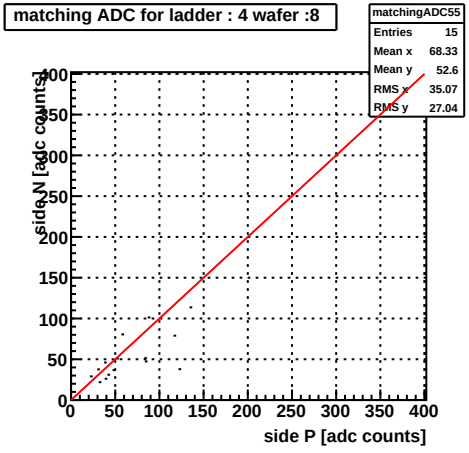

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 672
Mean x 59.96
Mean y 57.67
RMS x 48.71
RMS y 46.31
side N [adc counts]
side P [adc counts]

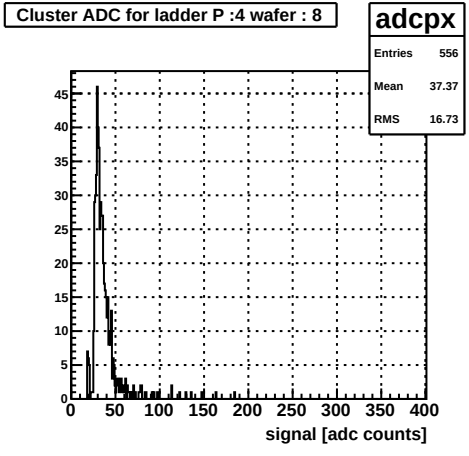

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3683
Mean 41.16
RMS 39.01
signal [adc counts]

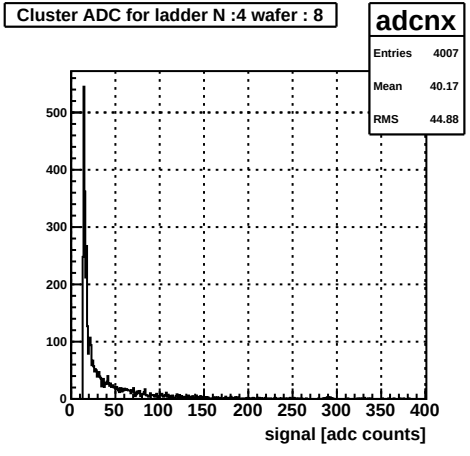

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4943
Mean 35.32
RMS 36.17
signal [adc counts]

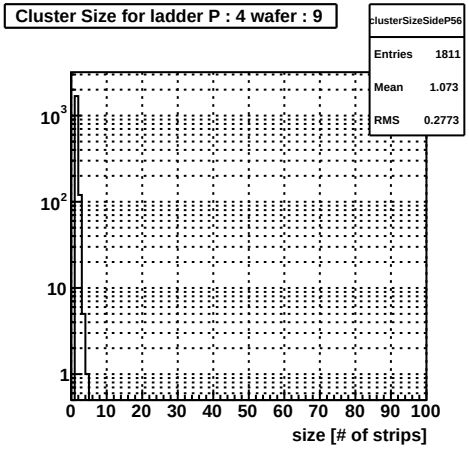

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 556
Mean 1.045
RMS 0.2468
size [# of strips]

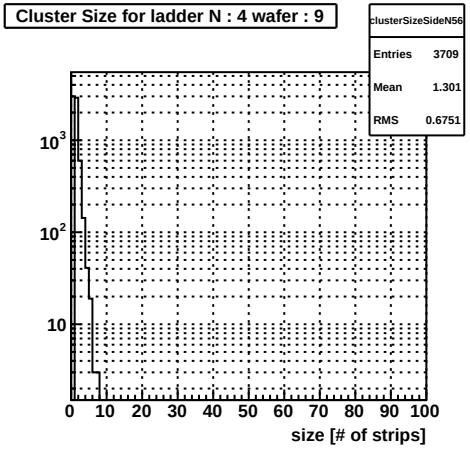

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 4007
Mean 1.215
RMS 0.536
size [# of strips]

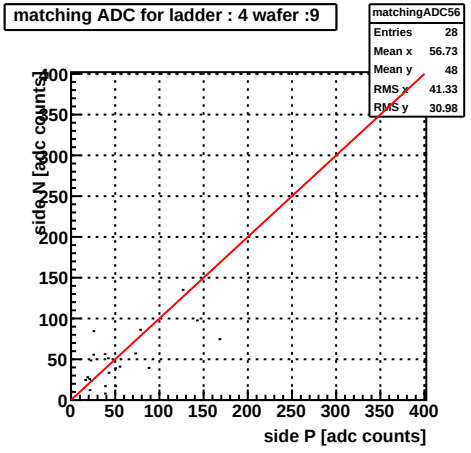

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 15
Mean x 68.33
Mean y 52.6
RMS x 35.07
RMS y 27.04
side N [adc counts]
side P [adc counts]

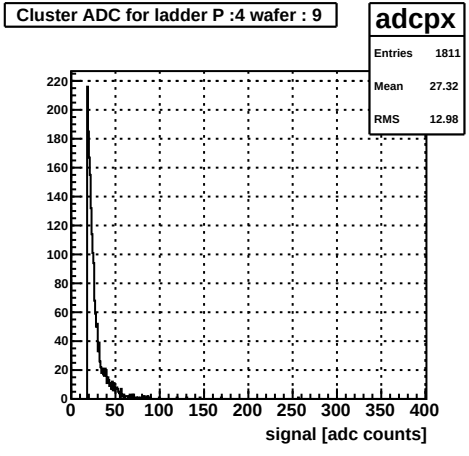

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 556
Mean 37.37
RMS 16.73
signal [adc counts]

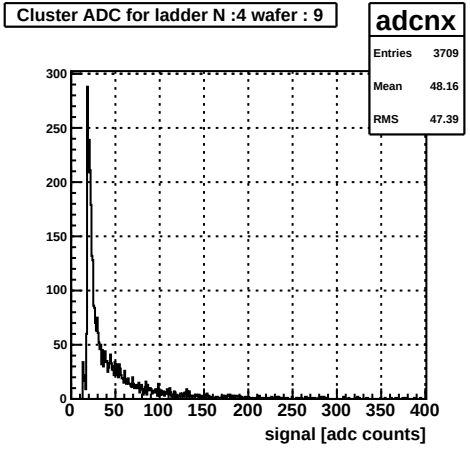

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 4007
Mean 40.17
RMS 44.88
signal [adc counts]

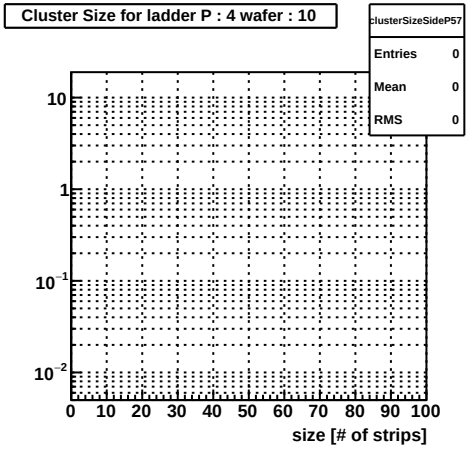

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1811
Mean 1.073
RMS 0.2773
size [# of strips]

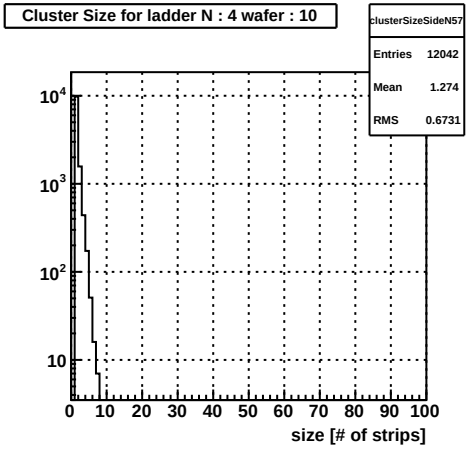

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3709
Mean 1.301
RMS 0.6751
size [# of strips]

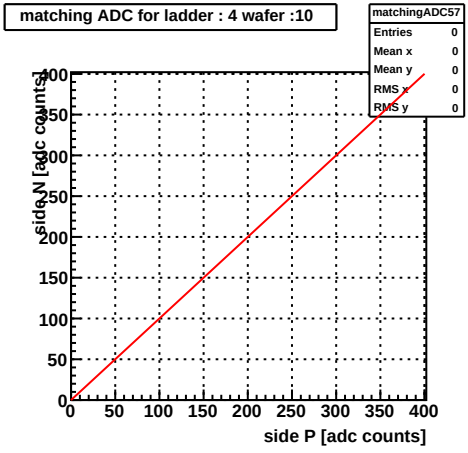

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 28
Mean x 56.73
Mean y 48
RMS x 41.33
RMS y 30.98
side N [adc counts]
side P [adc counts]

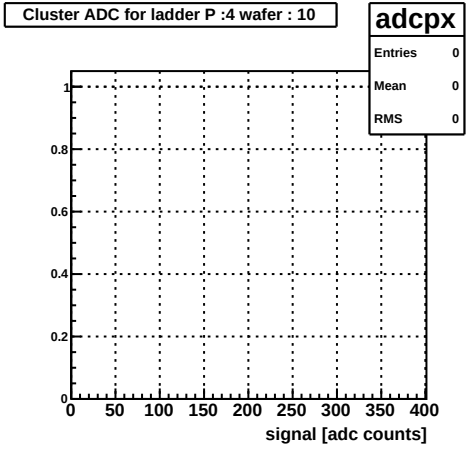

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1811
Mean 27.32
RMS 12.98
signal [adc counts]

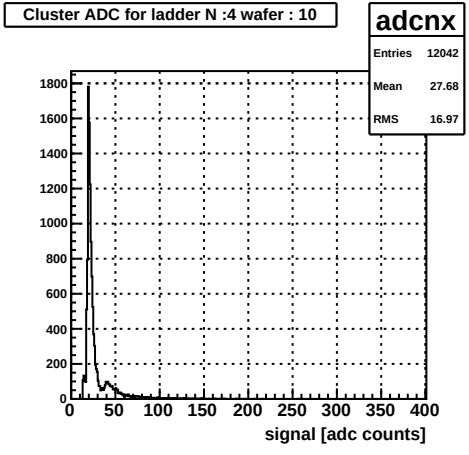

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3709
Mean 48.16
RMS 47.39
signal [adc counts]

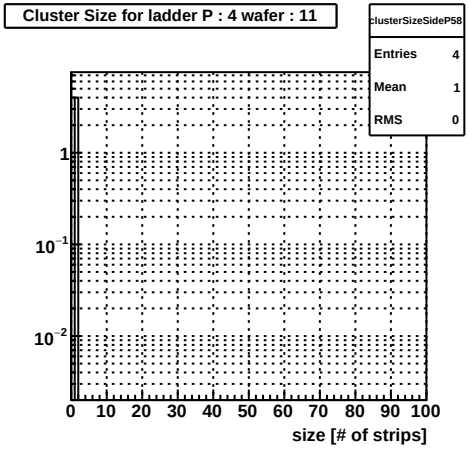

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

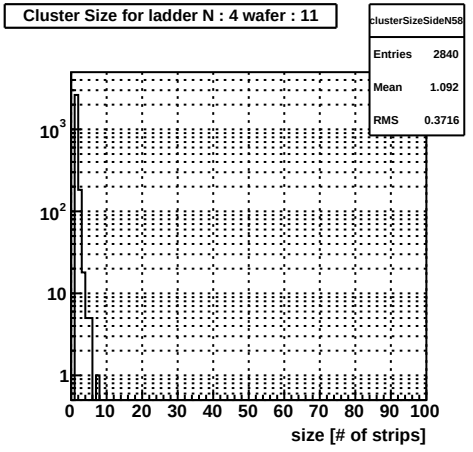

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 12042
Mean 1.274
RMS 0.6731
size [# of strips]

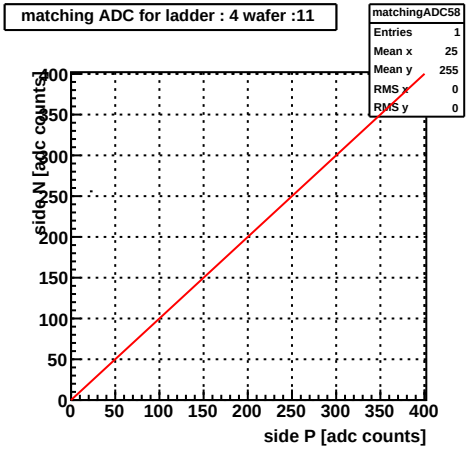

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

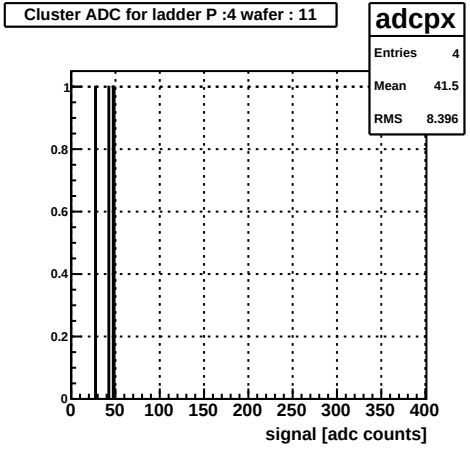

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

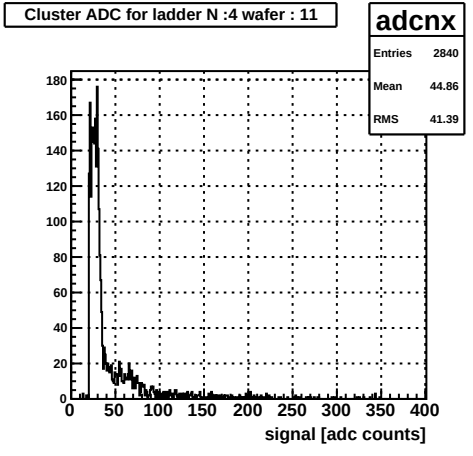

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 12042
Mean 27.68
RMS 16.97
signal [adc counts]

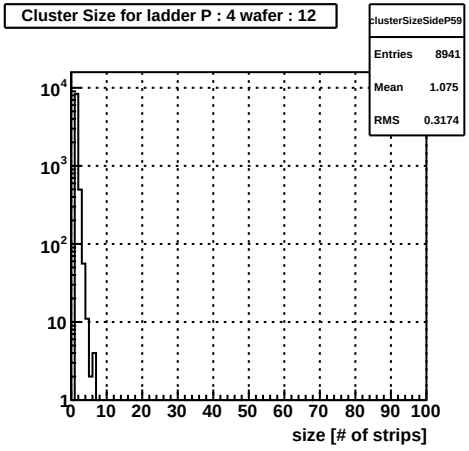

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 4
Mean 1
RMS 0
size [# of strips]

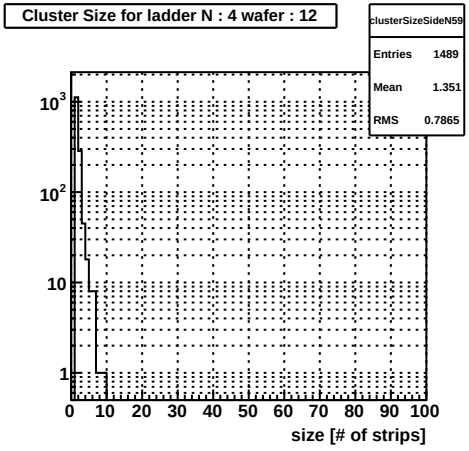

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2840
Mean 1.092
RMS 0.3716
size [# of strips]

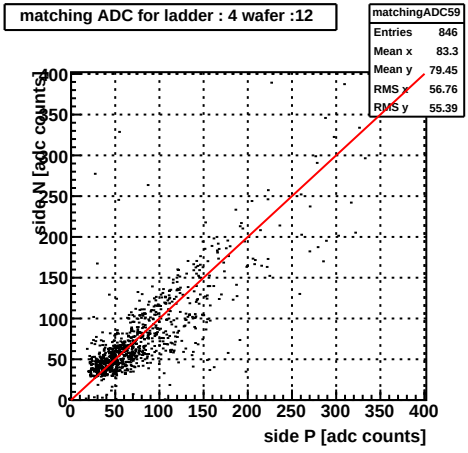

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 1
Mean x 25
Mean y 255
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

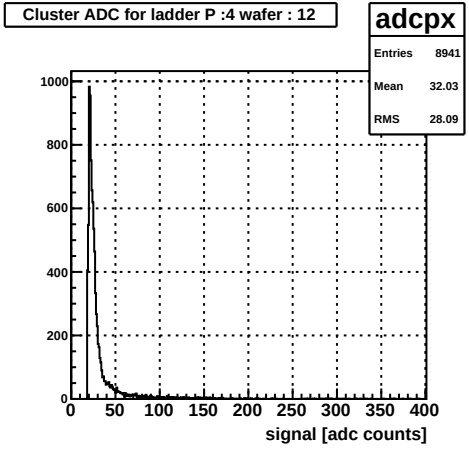

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 4
Mean 41.5
RMS 8.396
signal [adc counts]

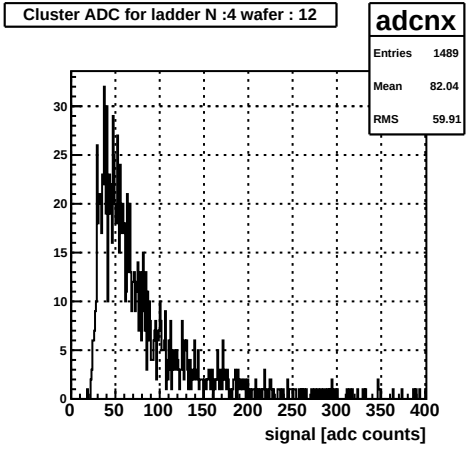

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2840
Mean 44.86
RMS 41.39
signal [adc counts]

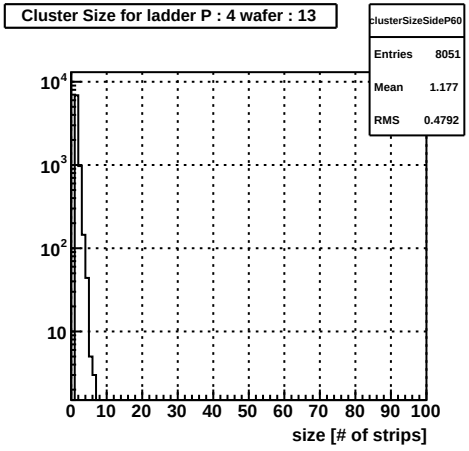

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 8941
Mean 1.075
RMS 0.3174
size [# of strips]

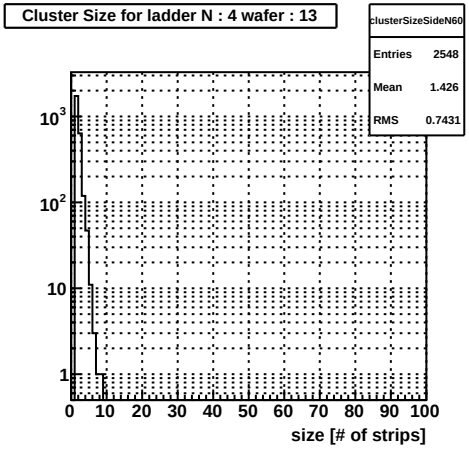

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1489
Mean 1.351
RMS 0.7865
size [# of strips]

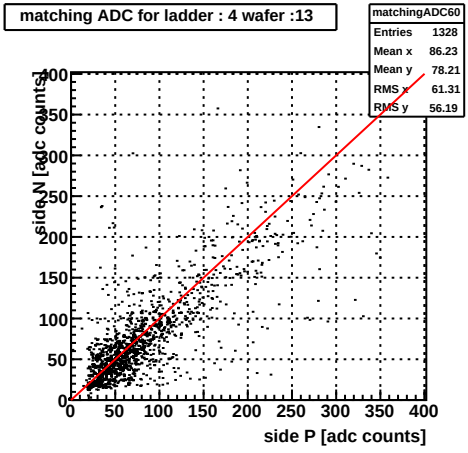

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 846
Mean x 83.3
Mean y 79.45
RMS x 56.76
RMS y 55.39
side N [adc counts]
side P [adc counts]

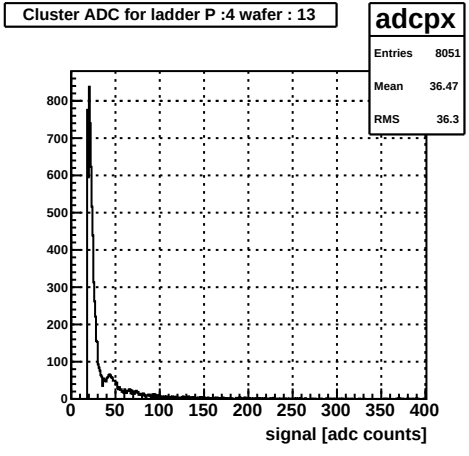

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 8941
Mean 32.03
RMS 28.09
signal [adc counts]

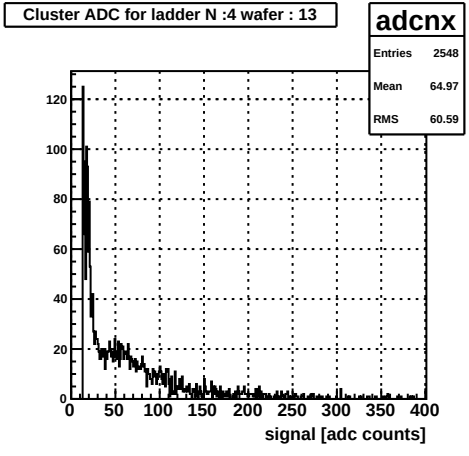

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1489
Mean 82.04
RMS 59.91
signal [adc counts]

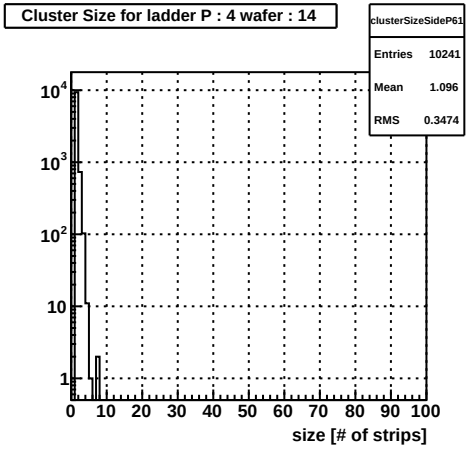

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8051
Mean 1.177
RMS 0.4792
size [# of strips]

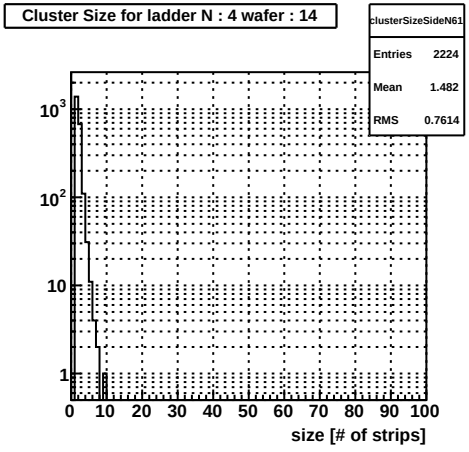

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2548
Mean 1.426
RMS 0.7431
size [# of strips]

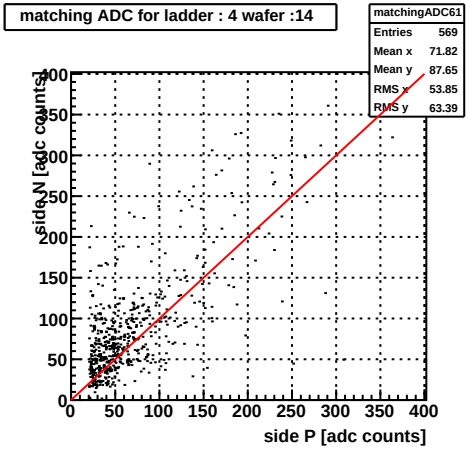

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1328
Mean x 86.23
Mean y 78.21
RMS x 61.31
RMS y 56.19
side N [adc counts]
side P [adc counts]

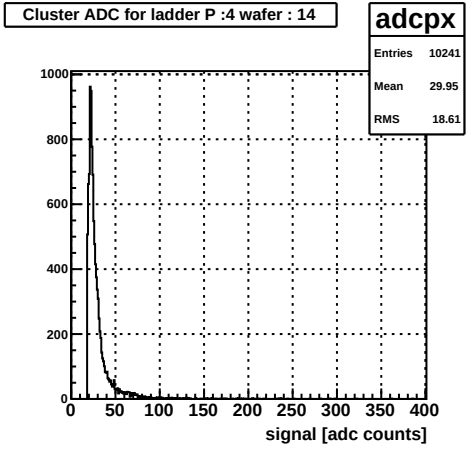

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8051
Mean 36.47
RMS 36.3
signal [adc counts]

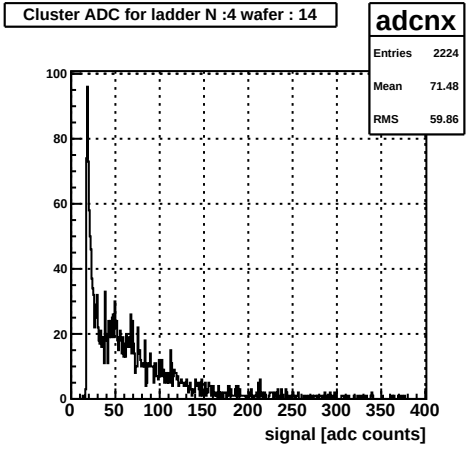

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2548
Mean 64.97
RMS 60.59
signal [adc counts]

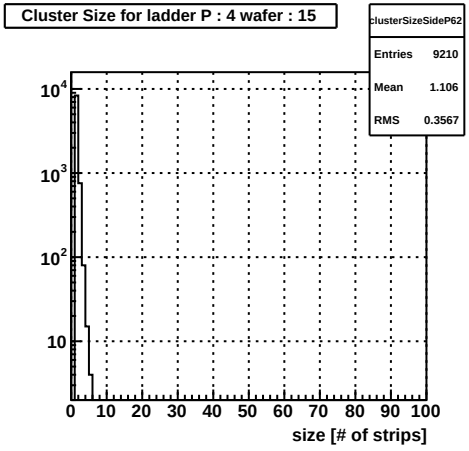

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 10241
Mean 1.096
RMS 0.3474
size [# of strips]

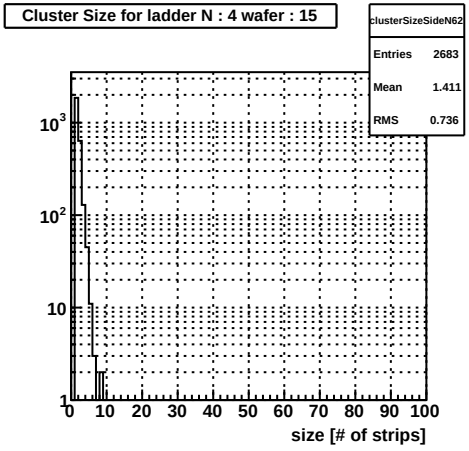

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2224
Mean 1.482
RMS 0.7614
size [# of strips]

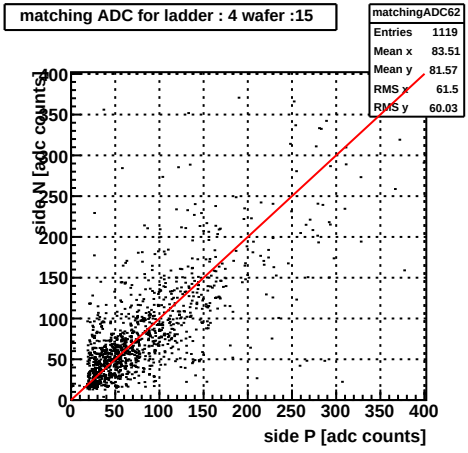

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 569
Mean x 71.82
Mean y 87.65
RMS x 53.85
RMS y 63.39
side N [adc counts]
side P [adc counts]

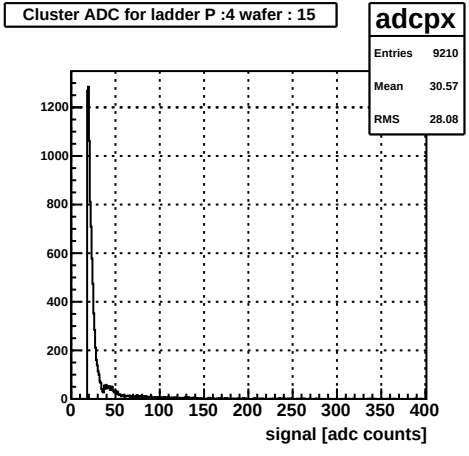

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 10241
Mean 29.95
RMS 18.61
signal [adc counts]

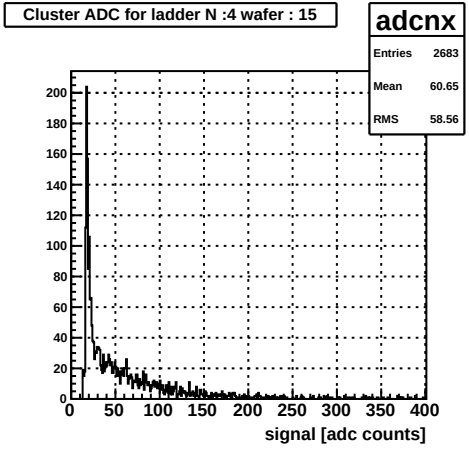

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2224
Mean 71.48
RMS 59.86
signal [adc counts]

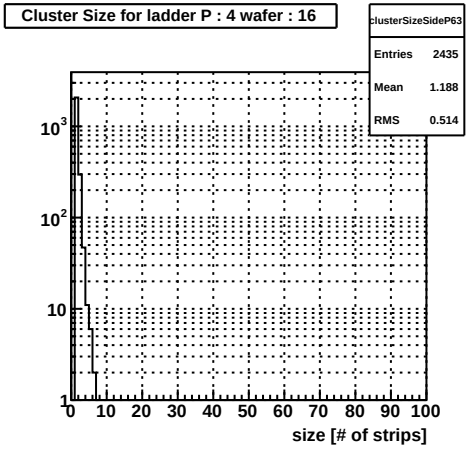

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9210
Mean 1.106
RMS 0.3567
size [# of strips]

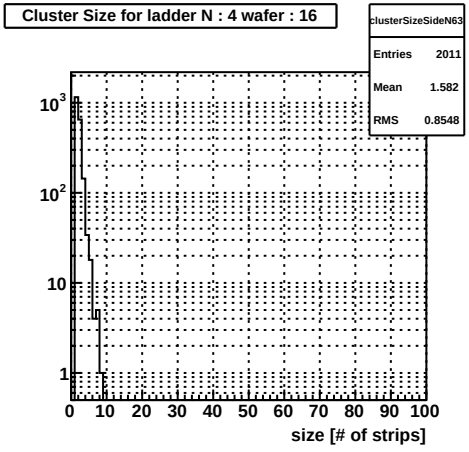

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2683
Mean 1.411
RMS 0.736
size [# of strips]

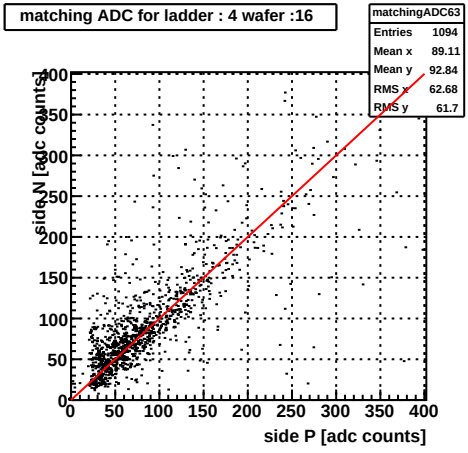

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1119
Mean x 83.51
Mean y 81.57
RMS x 61.5
RMS y 60.03
side N [adc counts]
side P [adc counts]

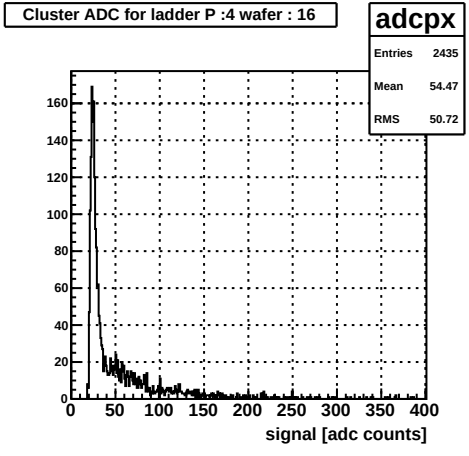

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9210
Mean 30.57
RMS 28.08
signal [adc counts]

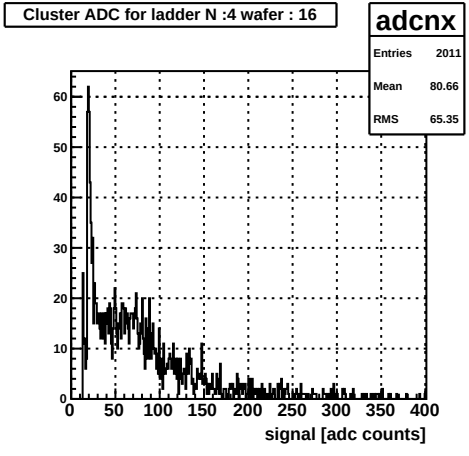

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2683
Mean 60.65
RMS 58.56
signal [adc counts]

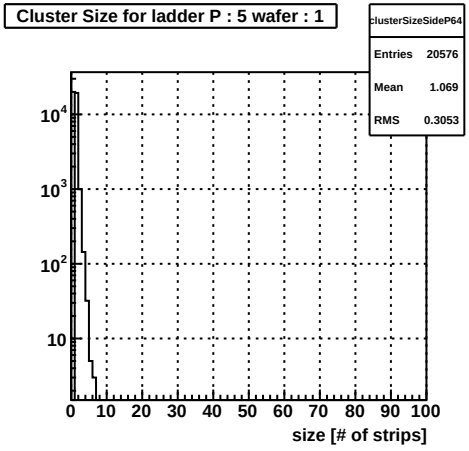

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2435
Mean 1.188
RMS 0.514
size [# of strips]

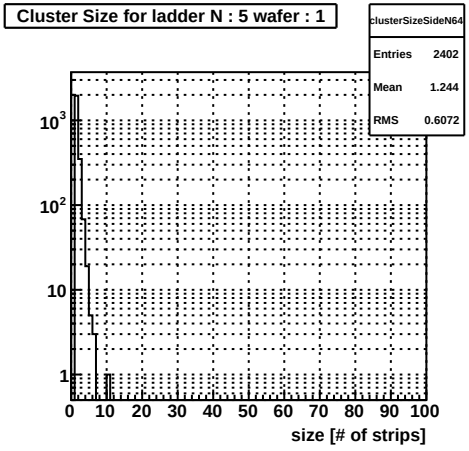

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2011
Mean 1.582
RMS 0.8548
size [# of strips]

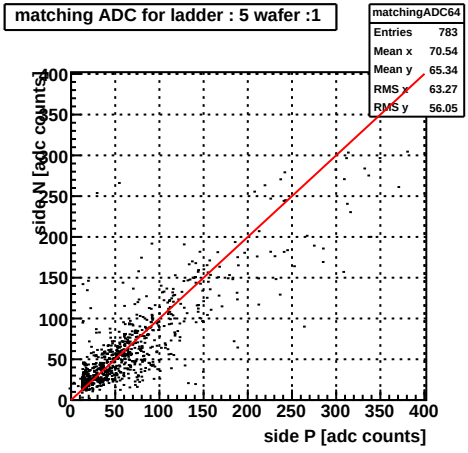

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1094
Mean x 89.11
Mean y 92.84
RMS x 62.68
RMS y 61.7
side N [adc counts]
side P [adc counts]

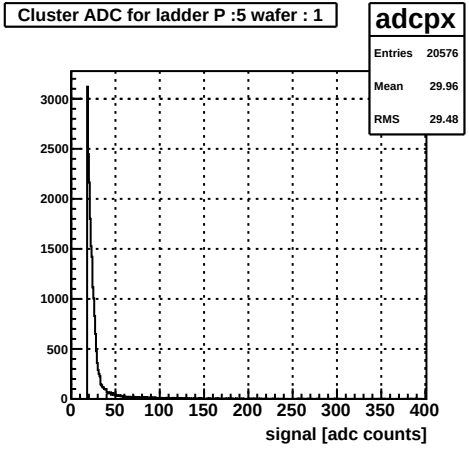

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2435
Mean 54.47
RMS 50.72
signal [adc counts]

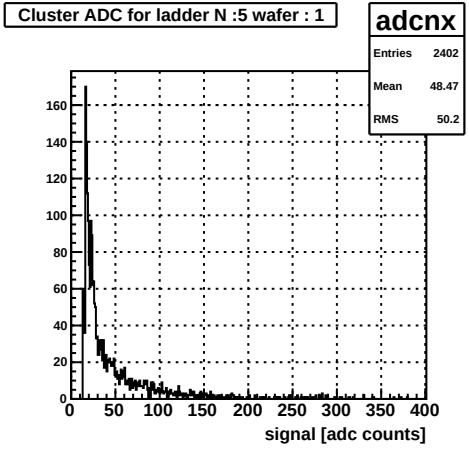

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2011
Mean 80.66
RMS 65.35
signal [adc counts]

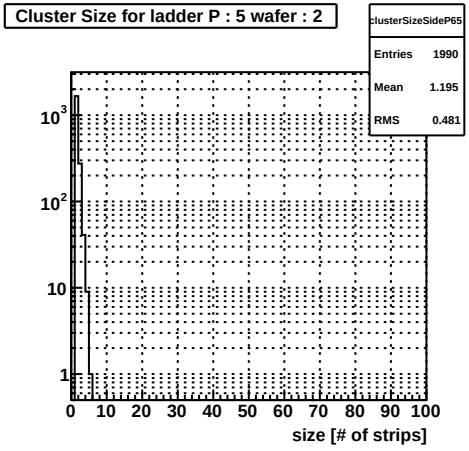

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 20576
Mean 1.069
RMS 0.3053
size [# of strips]

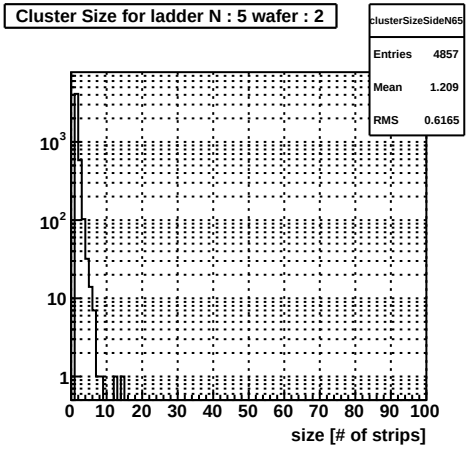

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2402
Mean 1.244
RMS 0.6072
size [# of strips]

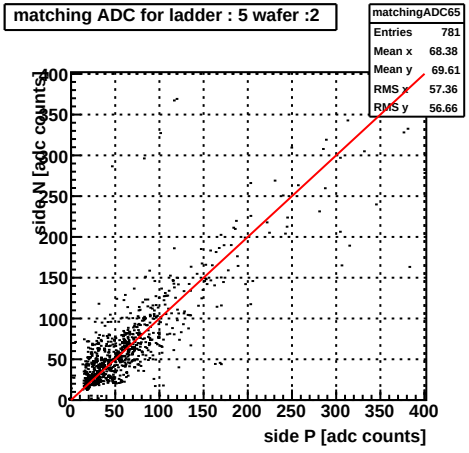

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 783
Mean x 70.54
Mean y 65.34
RMS x 63.27
RMS y 56.05
side N [adc counts]
side P [adc counts]

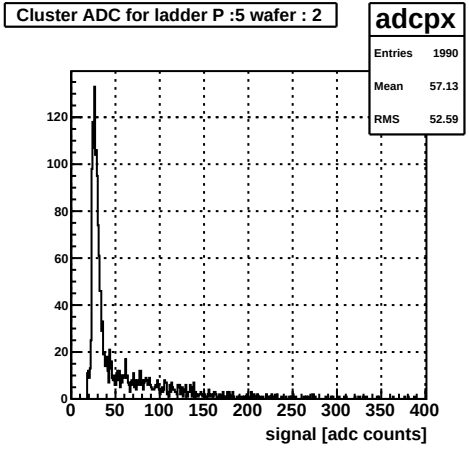

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 20576
Mean 29.96
RMS 29.48
signal [adc counts]

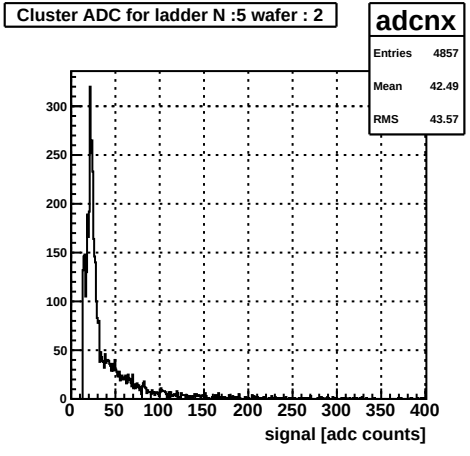

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2402
Mean 48.47
RMS 50.2
signal [adc counts]

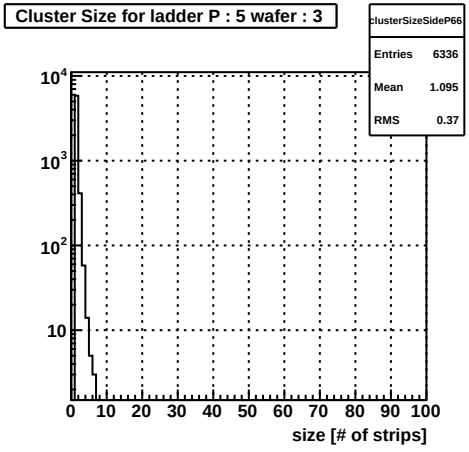

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1990
Mean 1.195
RMS 0.481
size [# of strips]

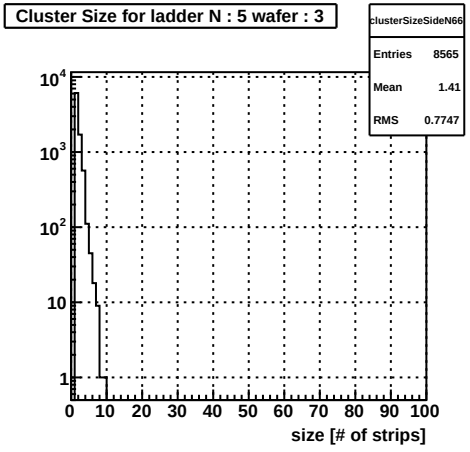

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4857
Mean 1.209
RMS 0.6165
size [# of strips]

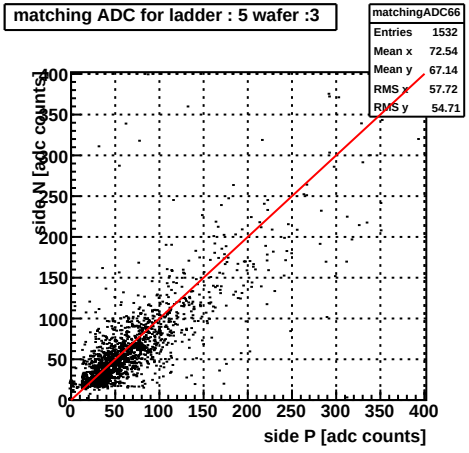

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 781
Mean x 68.38
Mean y 69.61
RMS x 57.36
RMS y 56.66
side N [adc counts]
side P [adc counts]

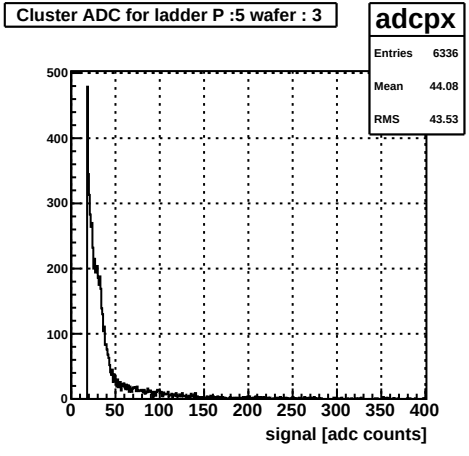

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1990
Mean 57.13
RMS 52.59
signal [adc counts]

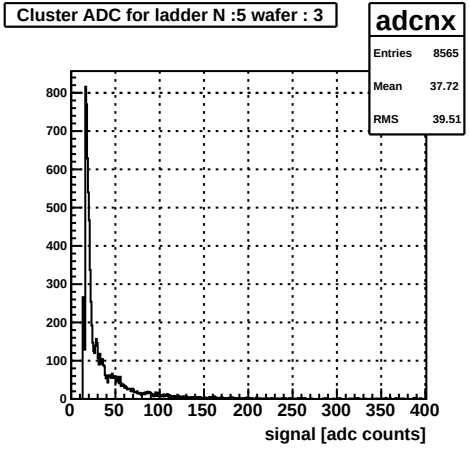

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4857
Mean 42.49
RMS 43.57
signal [adc counts]

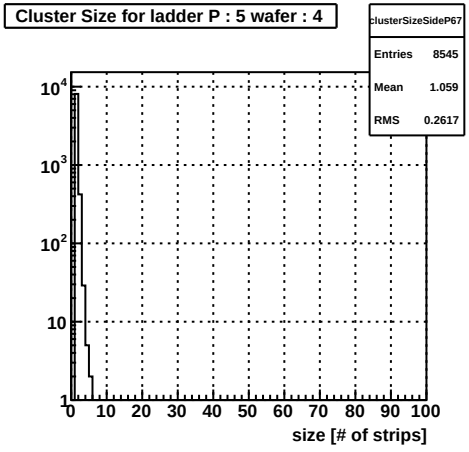

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6336
Mean 1.095
RMS 0.37
size [# of strips]

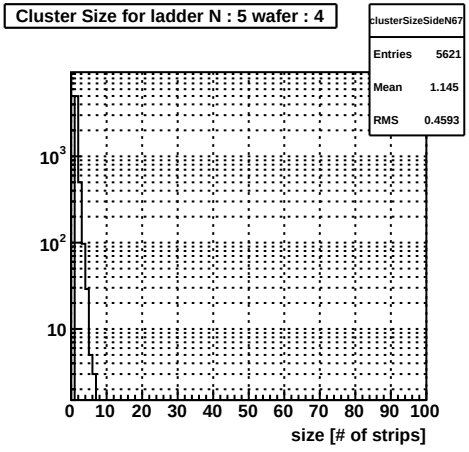

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8565
Mean 1.41
RMS 0.7747
size [# of strips]

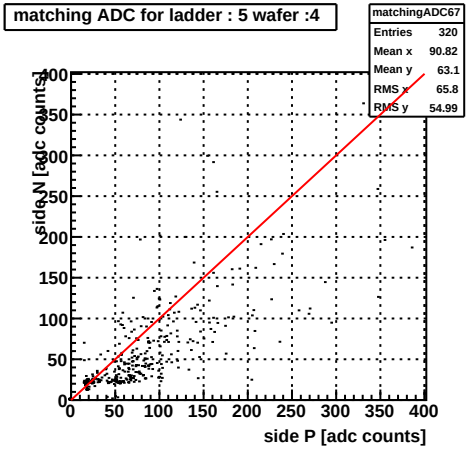

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1532
Mean x 72.54
Mean y 67.14
RMS x 57.72
RMS y 54.71
side N [adc counts]
side P [adc counts]

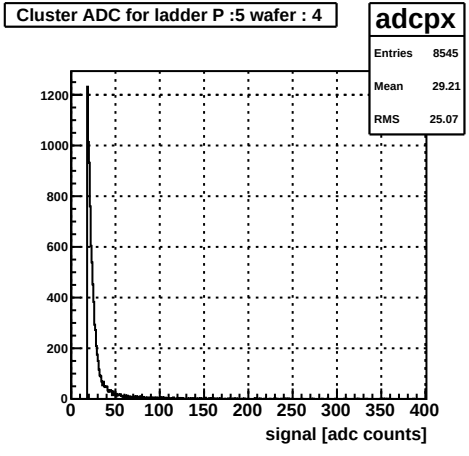

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6336
Mean 44.08
RMS 43.53
signal [adc counts]

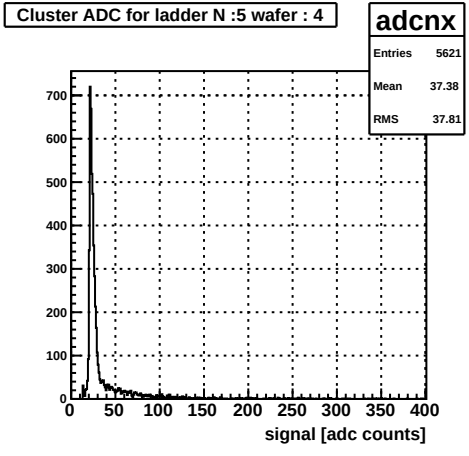

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8565
Mean 37.72
RMS 39.51
signal [adc counts]

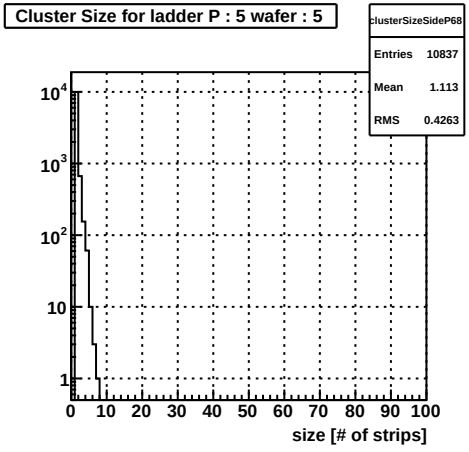

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8545
Mean 1.059
RMS 0.2617
size [# of strips]

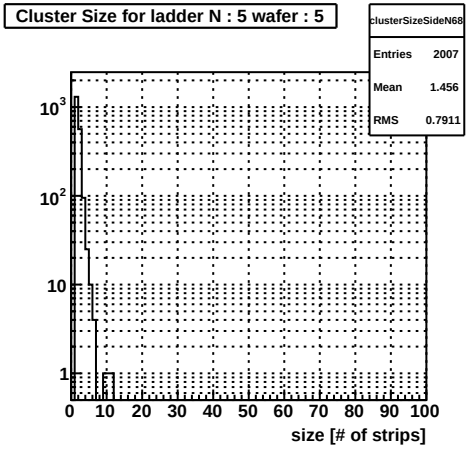

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5621
Mean 1.145
RMS 0.4593
size [# of strips]

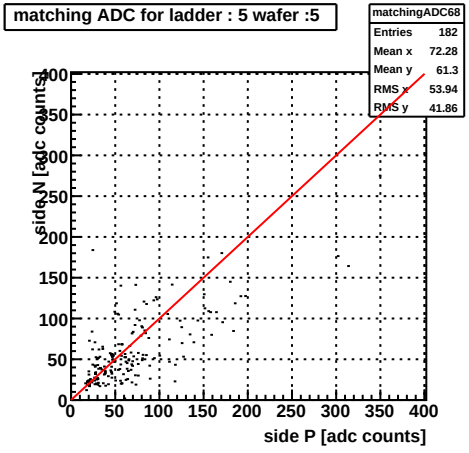

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 320
Mean x 90.82
Mean y 63.1
RMS x 65.8
RMS y 54.99
side N [adc counts]
side P [adc counts]

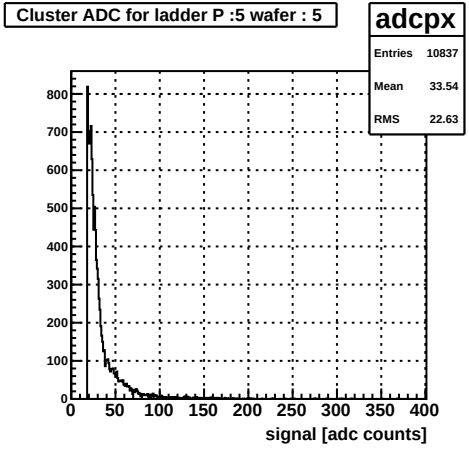

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8545
Mean 29.21
RMS 25.07
signal [adc counts]

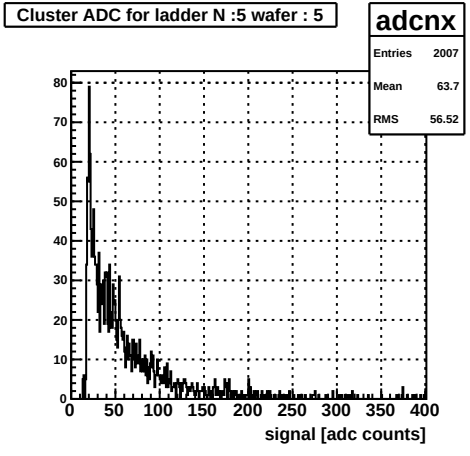

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5621
Mean 37.38
RMS 37.81
signal [adc counts]

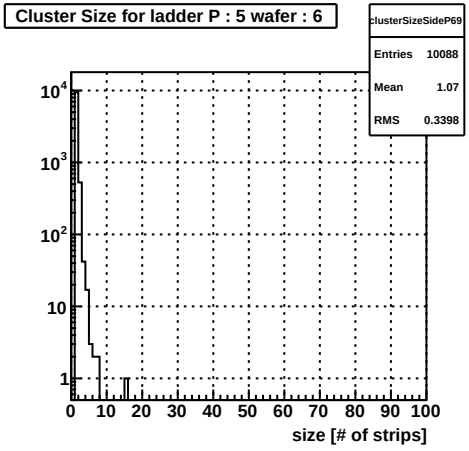

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 10837
Mean 1.113
RMS 0.4263
size [# of strips]

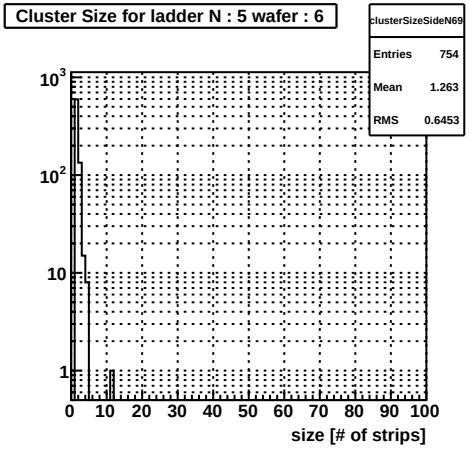

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2007
Mean 1.456
RMS 0.7911
size [# of strips]

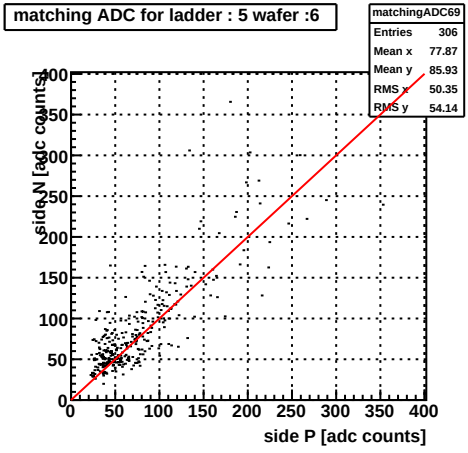

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 182
Mean x 72.28
Mean y 61.3
RMS x 53.94
RMS y 41.86
side N [adc counts]
side P [adc counts]

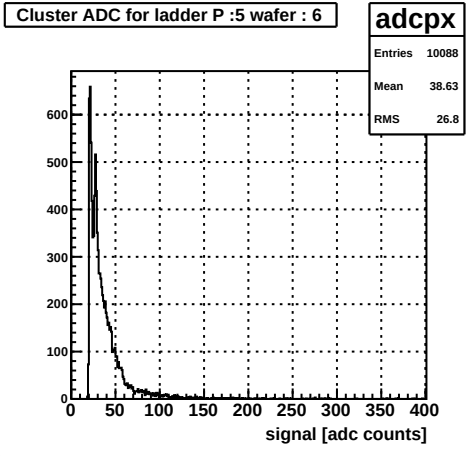

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 10837
Mean 33.54
RMS 22.63
signal [adc counts]

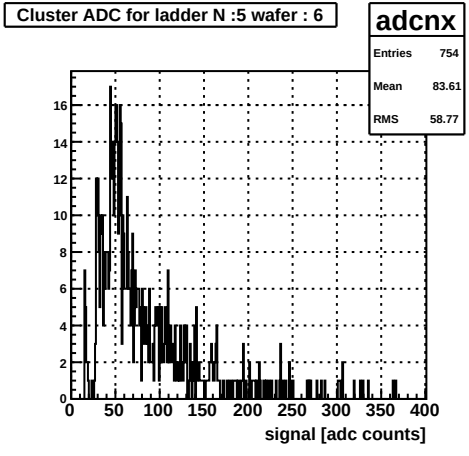

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2007
Mean 63.7
RMS 56.52
signal [adc counts]

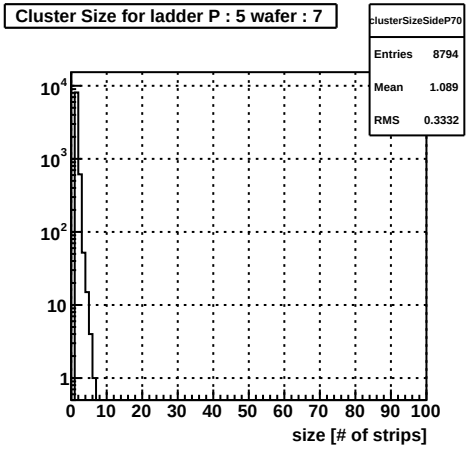

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10088
Mean 1.07
RMS 0.3398
size [# of strips]

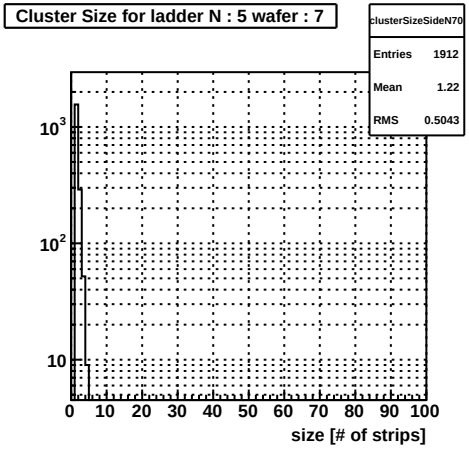

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 754
Mean 1.263
RMS 0.6453
size [# of strips]

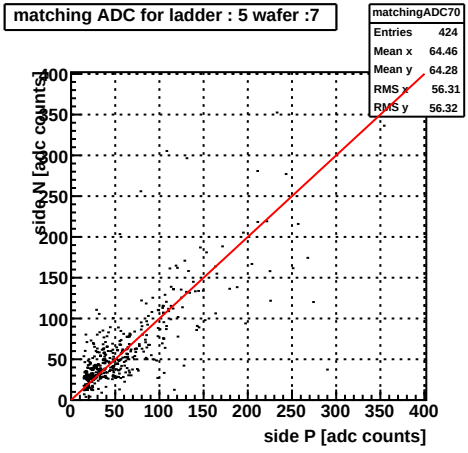

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 306
Mean x 77.87
Mean y 85.93
RMS x 50.35
RMS y 54.14
side N [adc counts]
side P [adc counts]

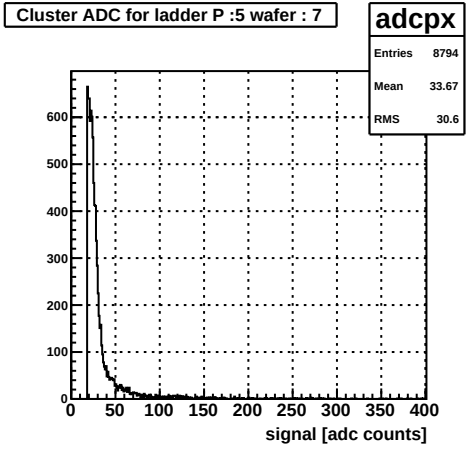

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10088
Mean 38.63
RMS 26.8
signal [adc counts]

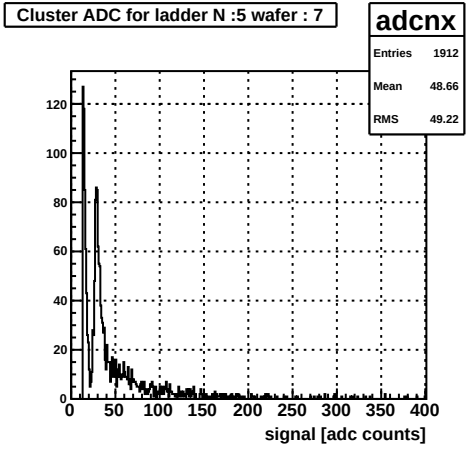

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 754
Mean 83.61
RMS 58.77
signal [adc counts]

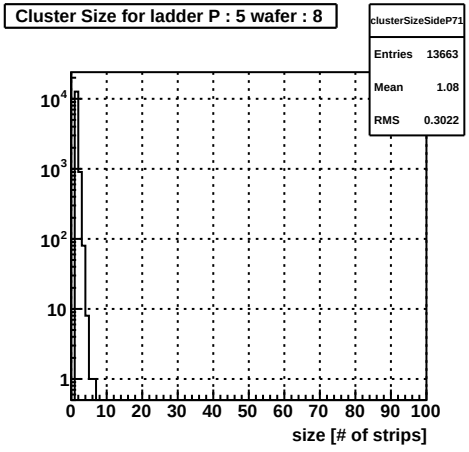

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8794
Mean 1.089
RMS 0.3332
size [# of strips]

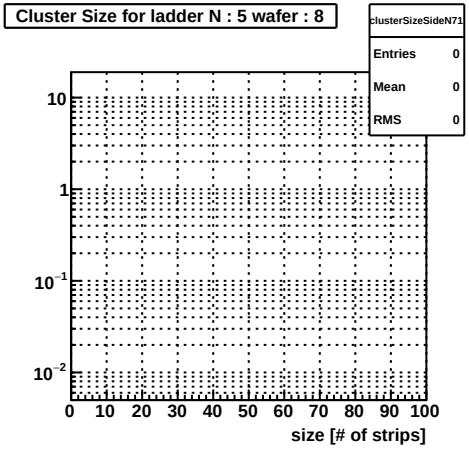

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1912
Mean 1.22
RMS 0.5043
size [# of strips]

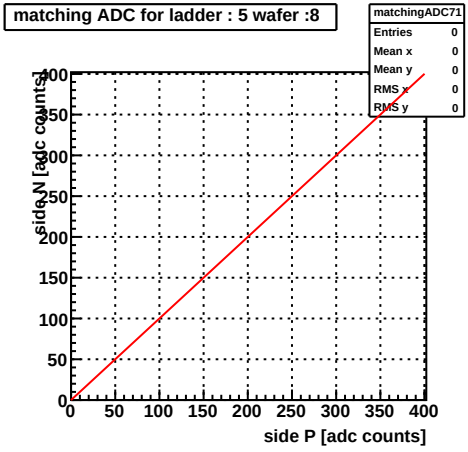

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 424
Mean x 64.46
Mean y 64.28
RMS x 56.31
RMS y 56.32
side N [adc counts]
side P [adc counts]

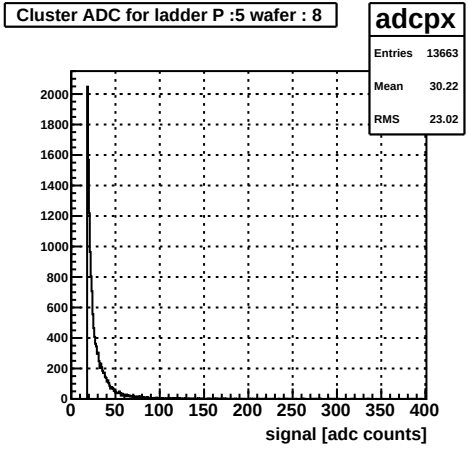

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8794
Mean 33.67
RMS 30.6
signal [adc counts]

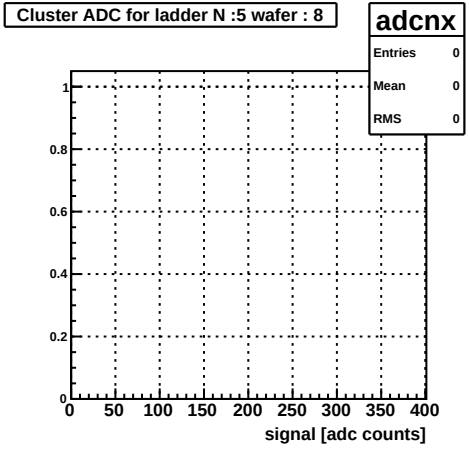

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1912
Mean 48.66
RMS 49.22
signal [adc counts]

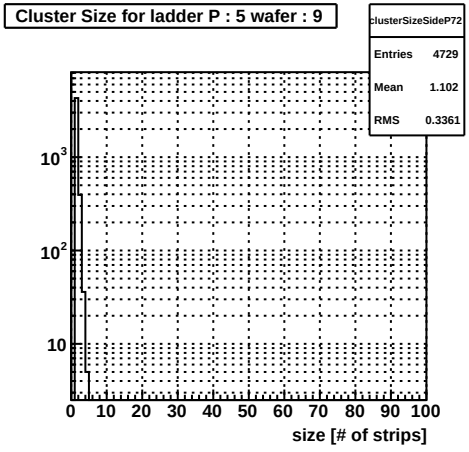

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13663
Mean 1.08
RMS 0.3022
size [# of strips]

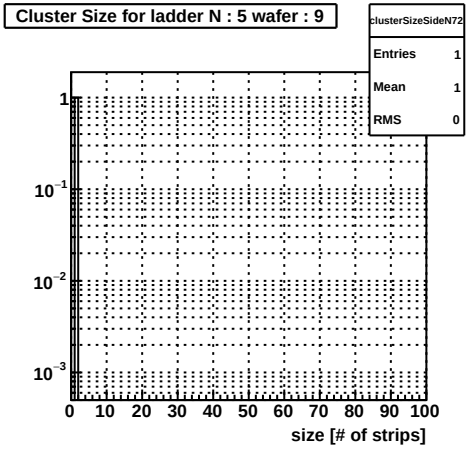

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

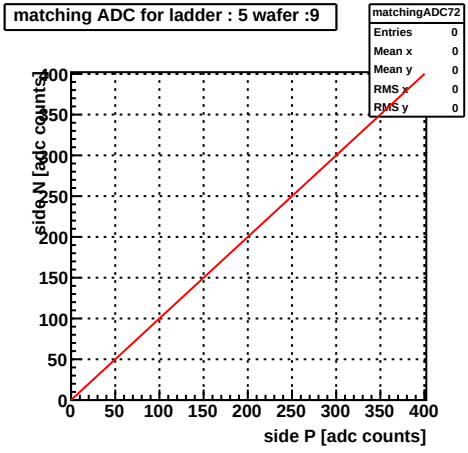

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

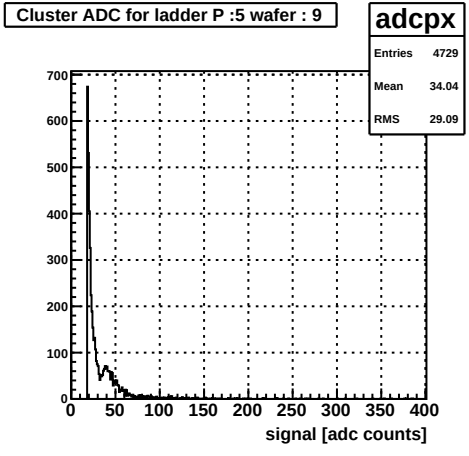

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13663
Mean 30.22
RMS 23.02
signal [adc counts]

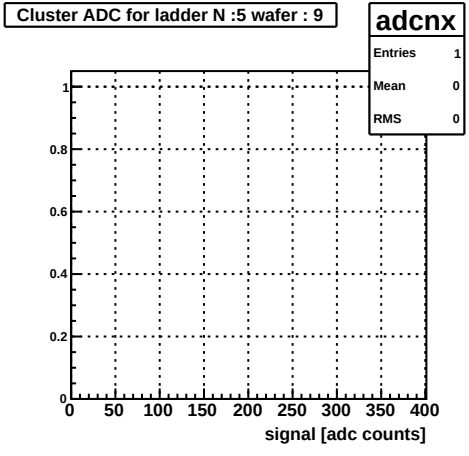

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

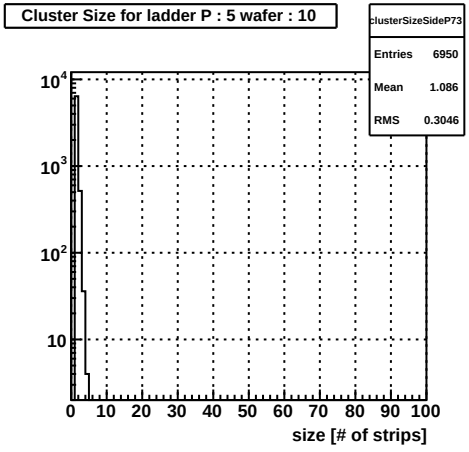

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4729
Mean 1.102
RMS 0.3361
size [# of strips]

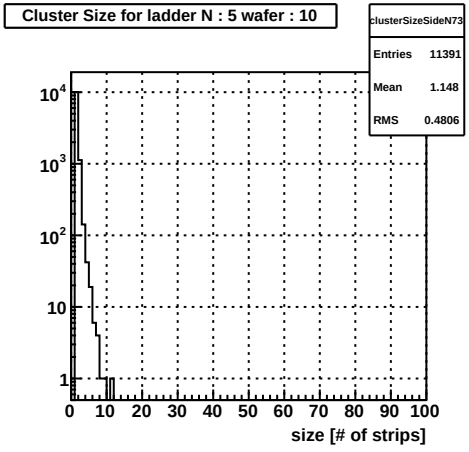

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

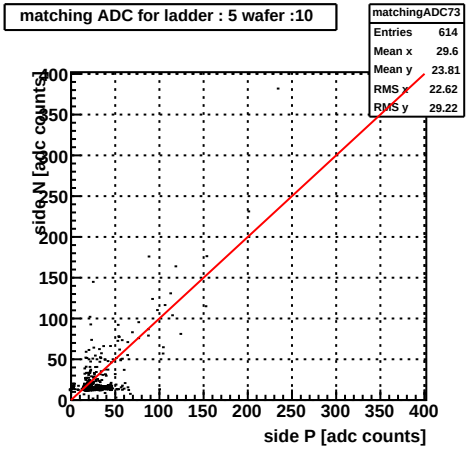

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

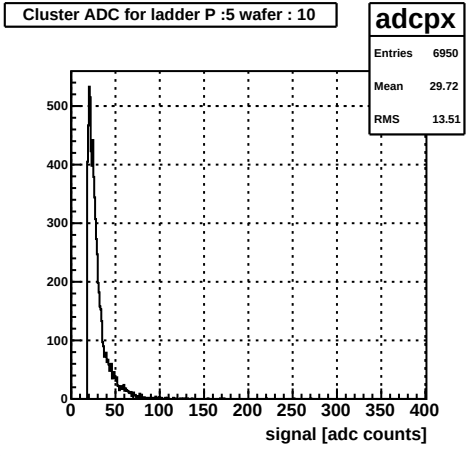

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4729
Mean 34.04
RMS 29.09
signal [adc counts]

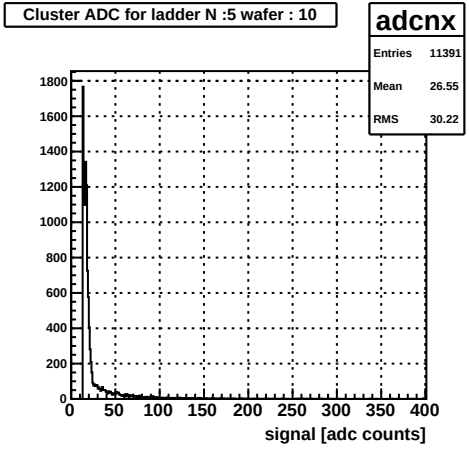

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

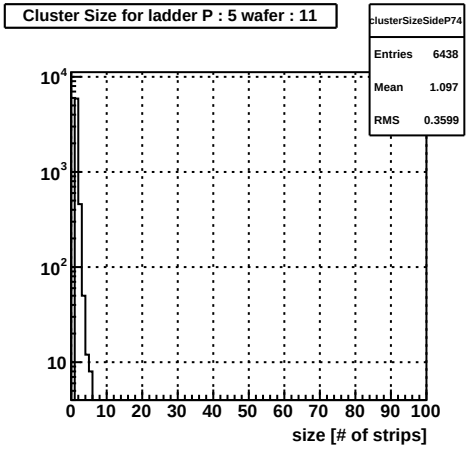

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6950
Mean 1.086
RMS 0.3046
size [# of strips]

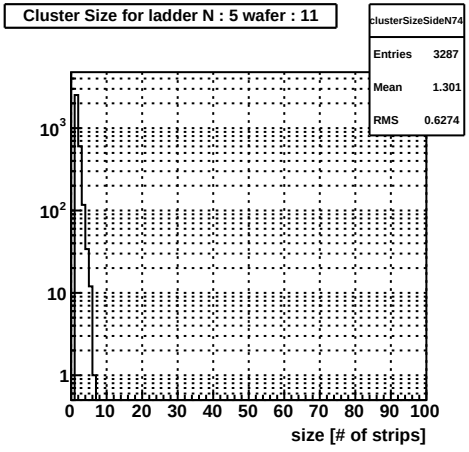

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 11391
Mean 1.148
RMS 0.4806
size [# of strips]

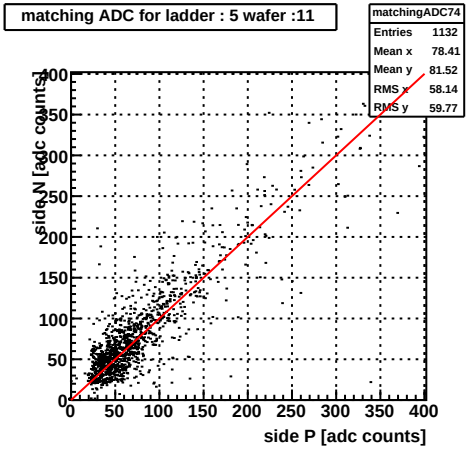

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 614
Mean x 29.6
Mean y 23.81
RMS x 22.62
RMS y 29.22
side N [adc counts]
side P [adc counts]

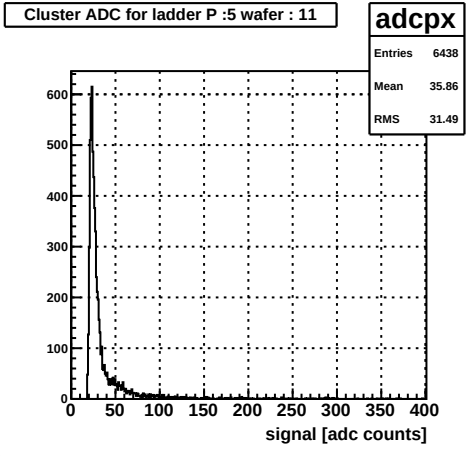

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6950
Mean 29.72
RMS 13.51
signal [adc counts]

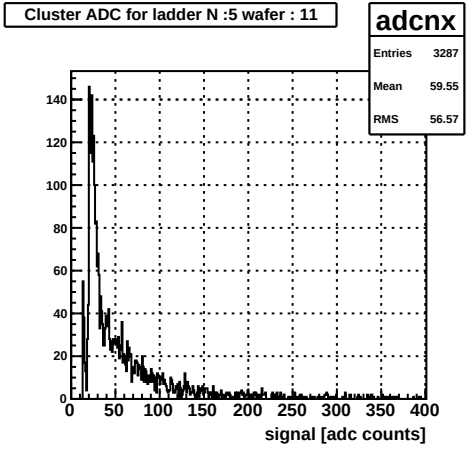

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 11391
Mean 26.55
RMS 30.22
signal [adc counts]

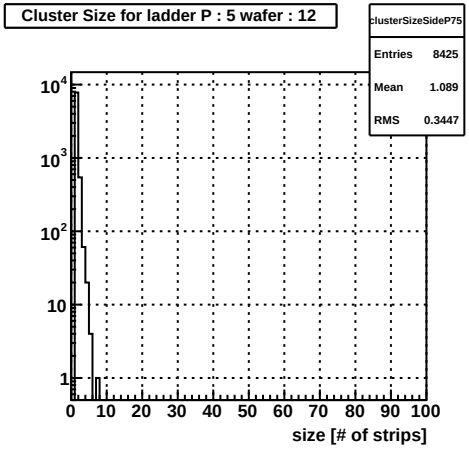

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6438
Mean 1.097
RMS 0.3599
size [# of strips]

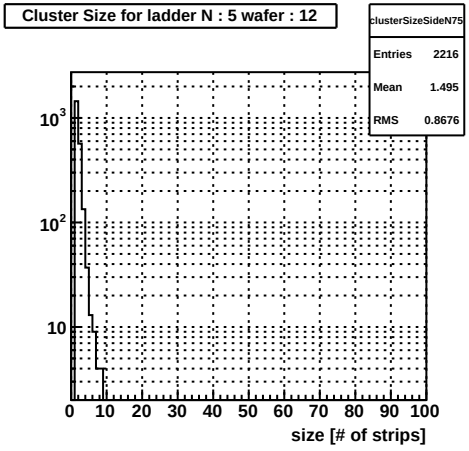

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3287
Mean 1.301
RMS 0.6274
size [# of strips]

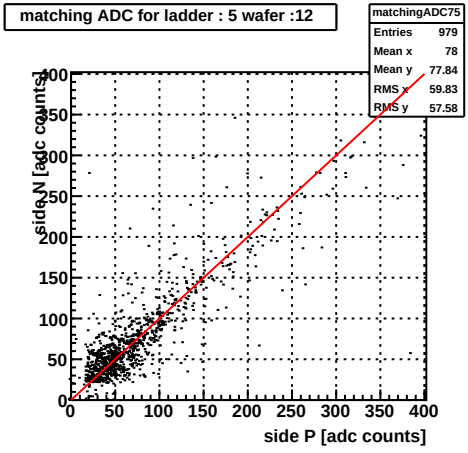

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1132
Mean x 78.41
Mean y 81.52
RMS x 58.14
RMS y 59.77
side N [adc counts]
side P [adc counts]

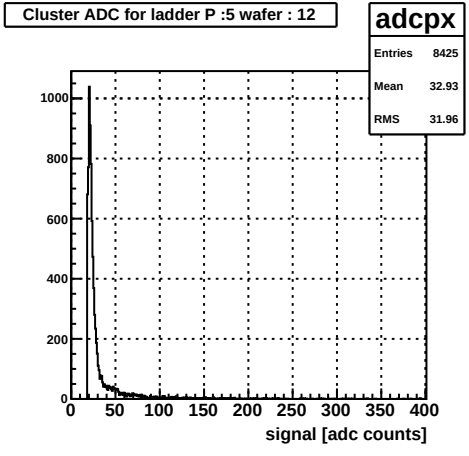

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6438
Mean 35.86
RMS 31.49
signal [adc counts]

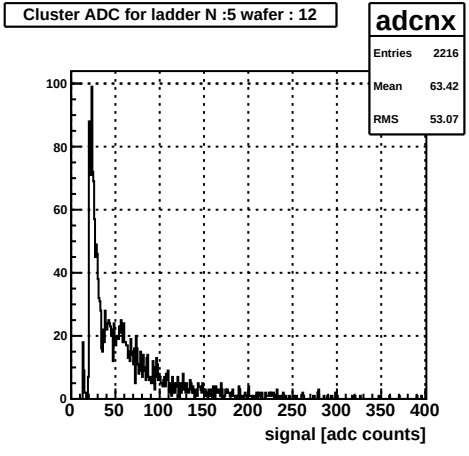

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3287
Mean 59.55
RMS 56.57
signal [adc counts]

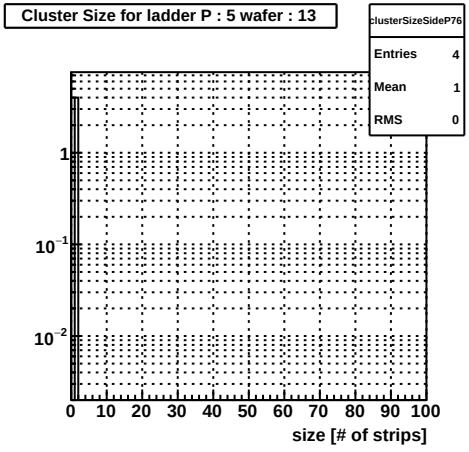

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8425
Mean 1.089
RMS 0.3447
size [# of strips]

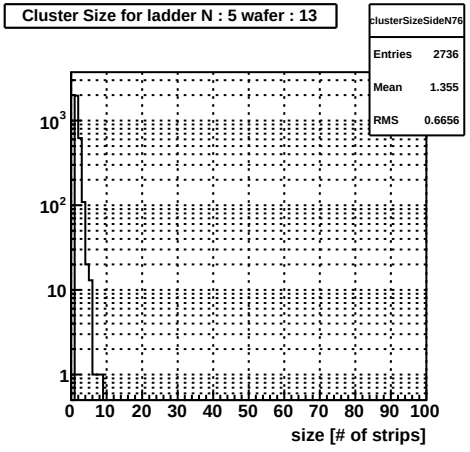

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2216
Mean 1.495
RMS 0.8676
size [# of strips]

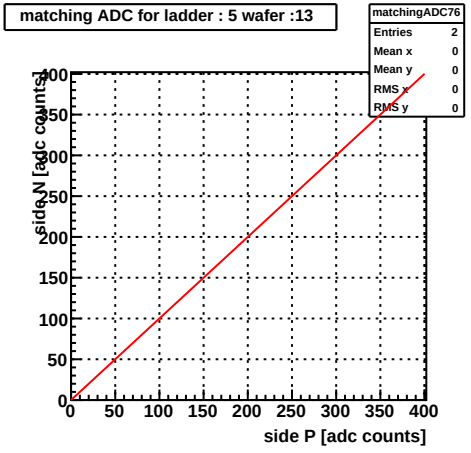

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 979
Mean x 78
Mean y 77.84
RMS x 59.83
RMS y 57.58
side N [adc counts]
side P [adc counts]

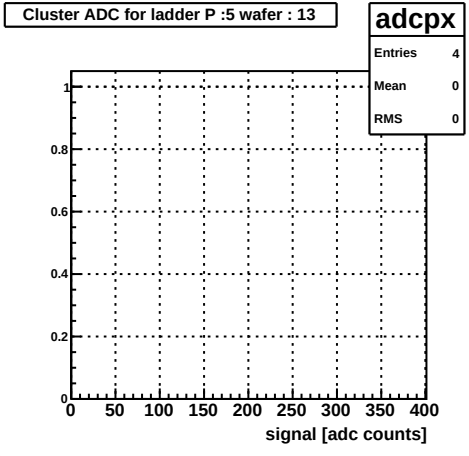

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8425
Mean 32.93
RMS 31.96
signal [adc counts]

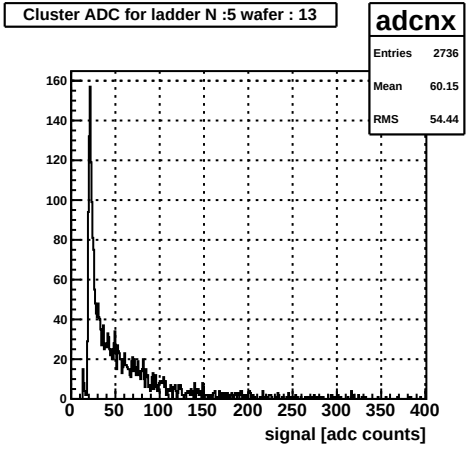

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2216
Mean 63.42
RMS 53.07
signal [adc counts]

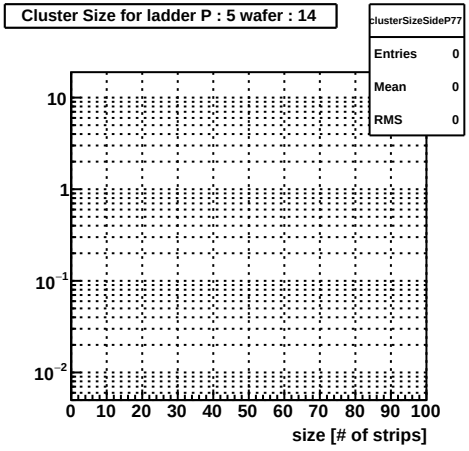

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 4
Mean 1
RMS 0
size [# of strips]

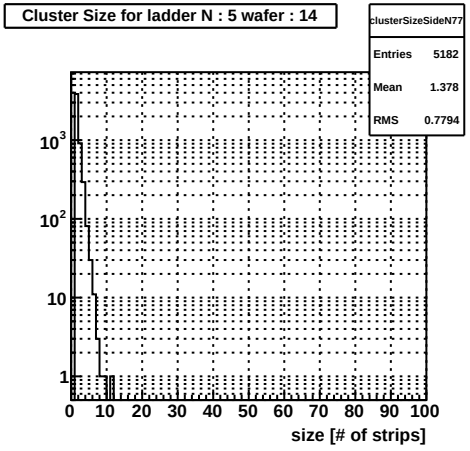

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2736
Mean 1.355
RMS 0.6656
size [# of strips]

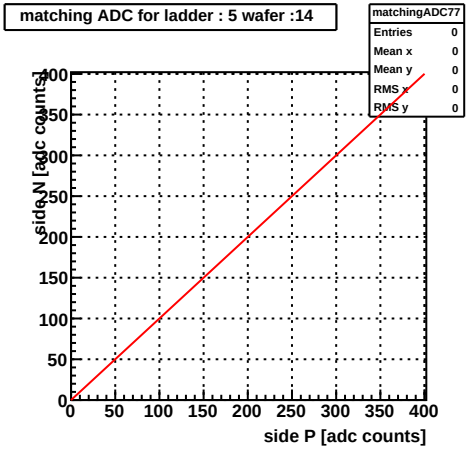

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

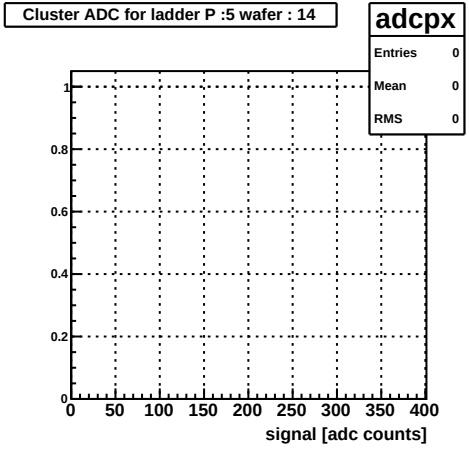

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

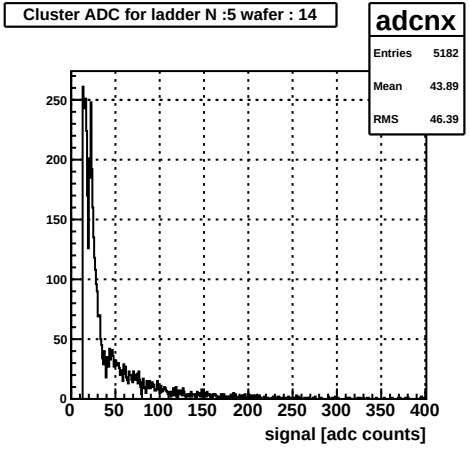

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2736
Mean 60.15
RMS 54.44
signal [adc counts]

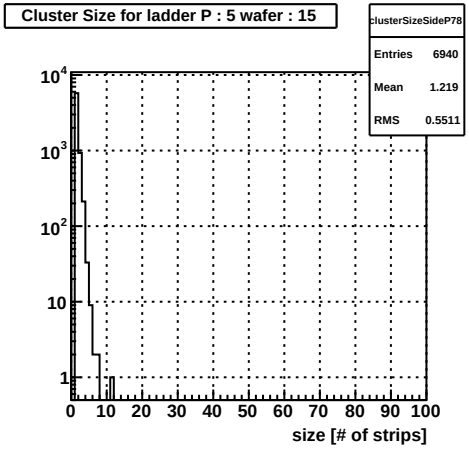

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

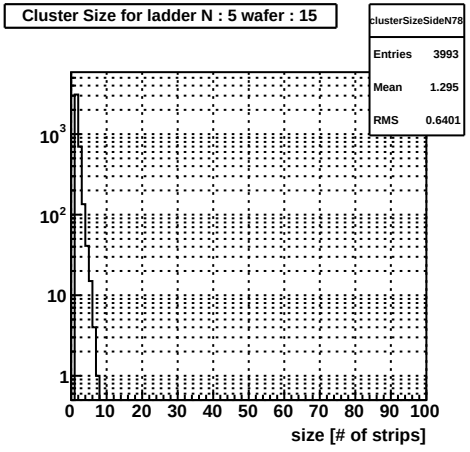

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5182
Mean 1.378
RMS 0.7794
size [# of strips]

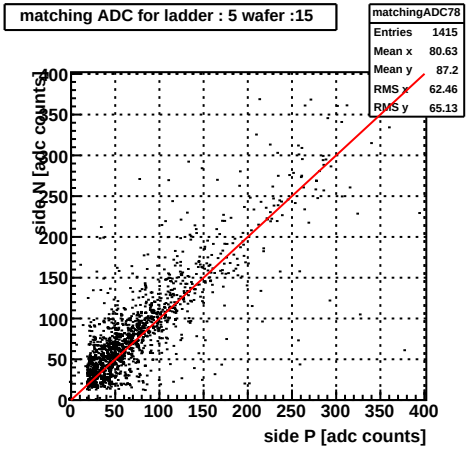

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

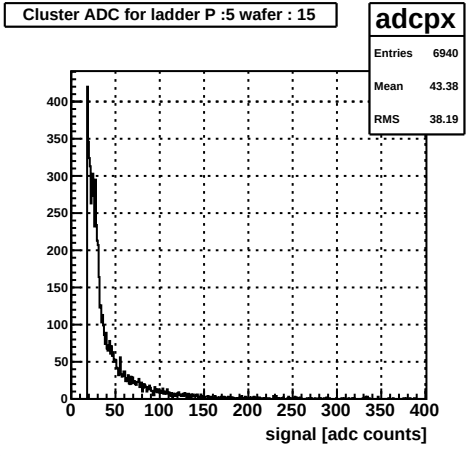

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

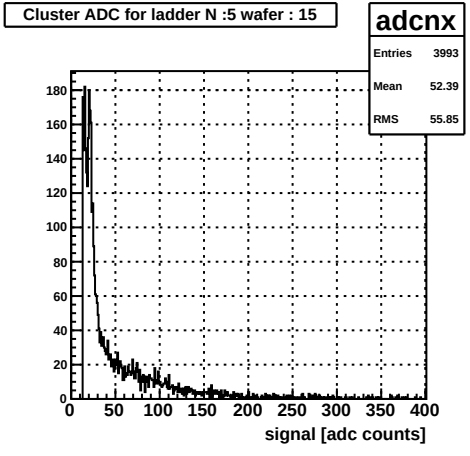

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5182
Mean 43.89
RMS 46.39
signal [adc counts]

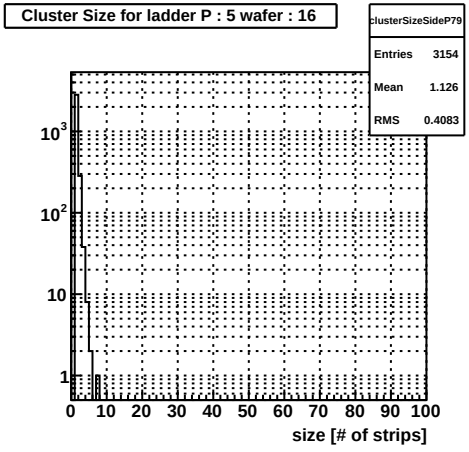

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6940
Mean 1.219
RMS 0.5511
size [# of strips]

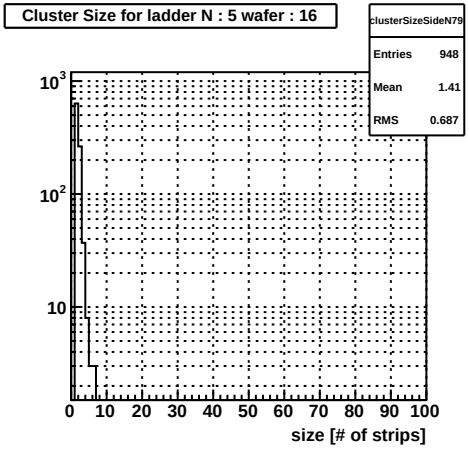

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3993
Mean 1.295
RMS 0.6401
size [# of strips]

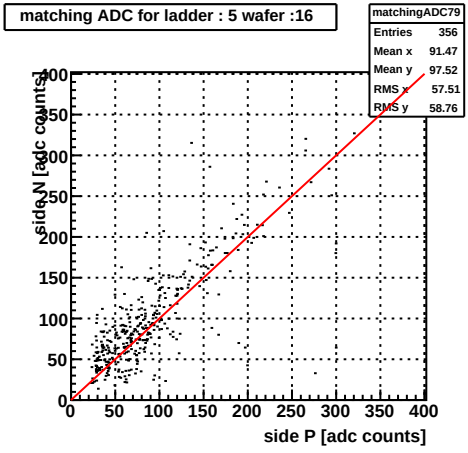

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1415
Mean x 80.63
Mean y 87.2
RMS x 62.46
RMS y 65.13
side N [adc counts]
side P [adc counts]

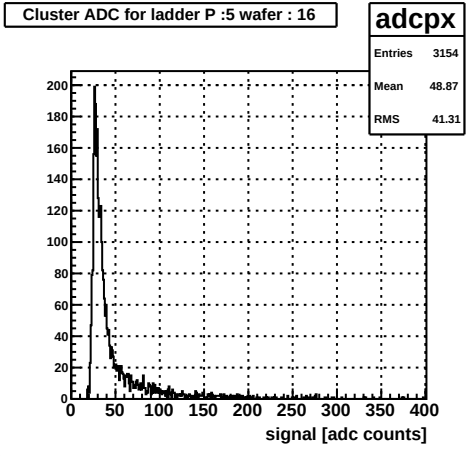

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6940
Mean 43.38
RMS 38.19
signal [adc counts]

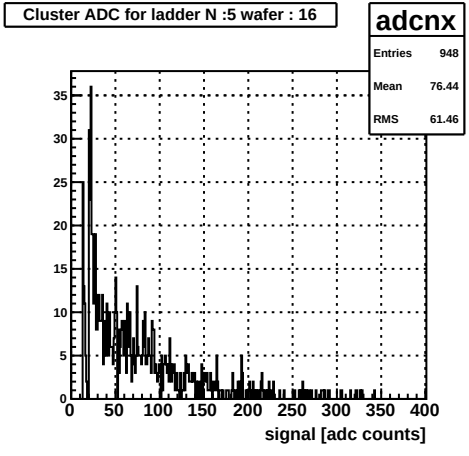

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3993
Mean 52.39
RMS 55.85
signal [adc counts]

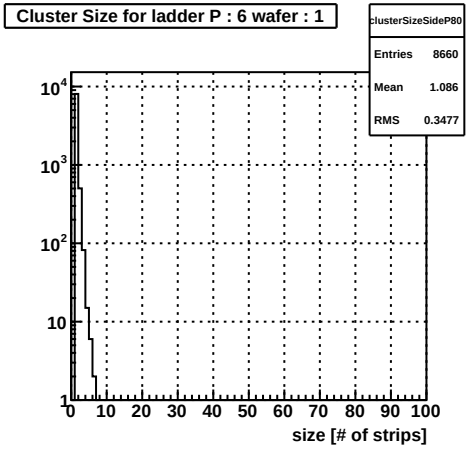

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 3154
Mean 1.126
RMS 0.4083
size [# of strips]

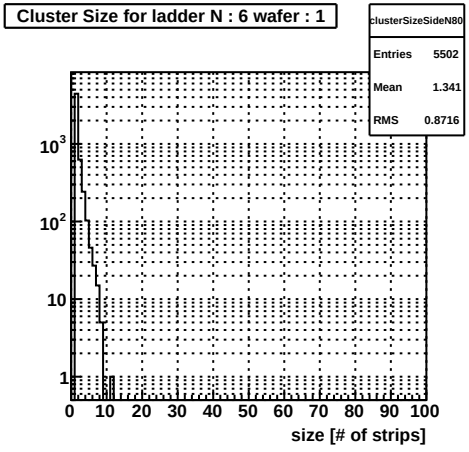

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 948
Mean 1.41
RMS 0.687
size [# of strips]

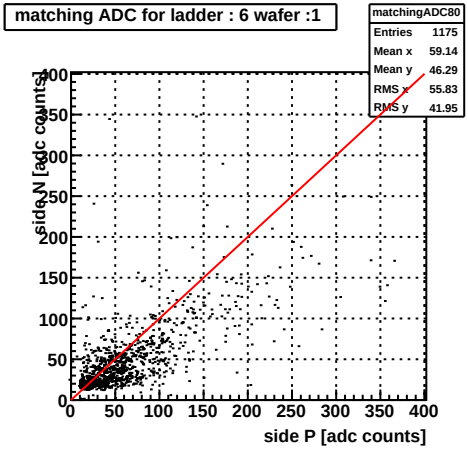

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 356
Mean x 91.47
Mean y 97.52
RMS x 57.51
RMS y 58.76
side N [adc counts]
side P [adc counts]

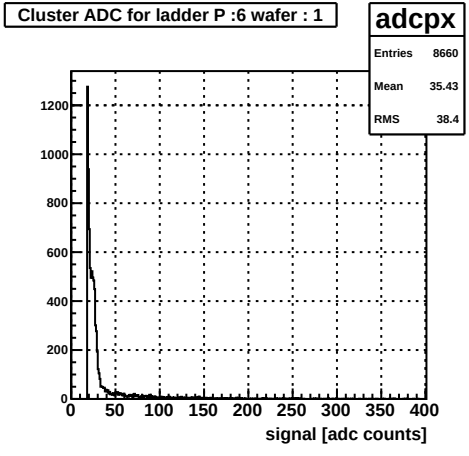

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 3154
Mean 48.87
RMS 41.31
signal [adc counts]

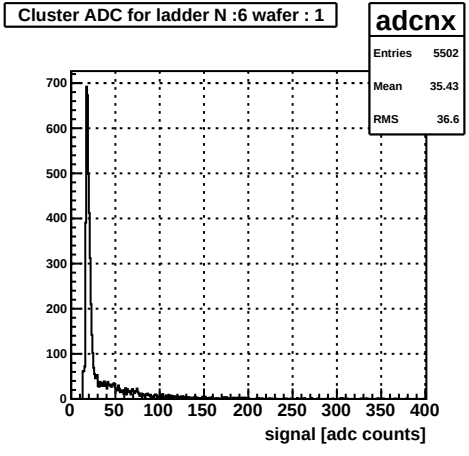

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 948
Mean 76.44
RMS 61.46
signal [adc counts]

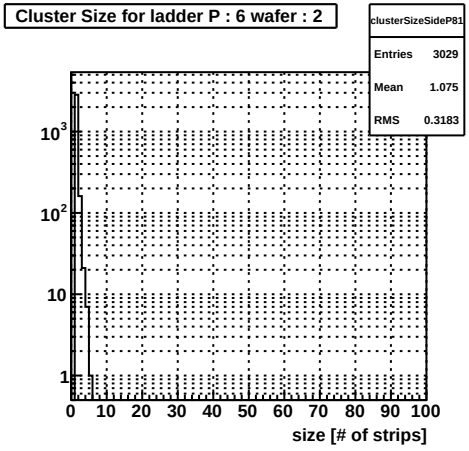

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 8660
Mean 1.086
RMS 0.3477
size [# of strips]

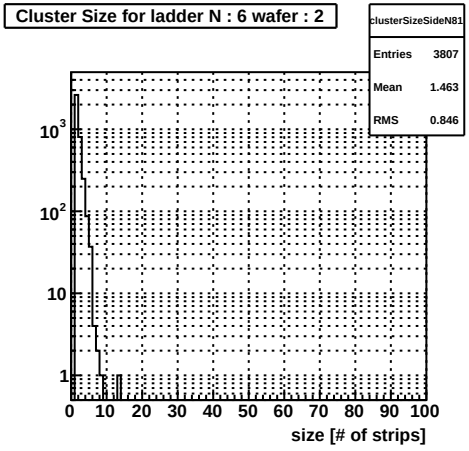

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5502
Mean 1.341
RMS 0.8716
size [# of strips]

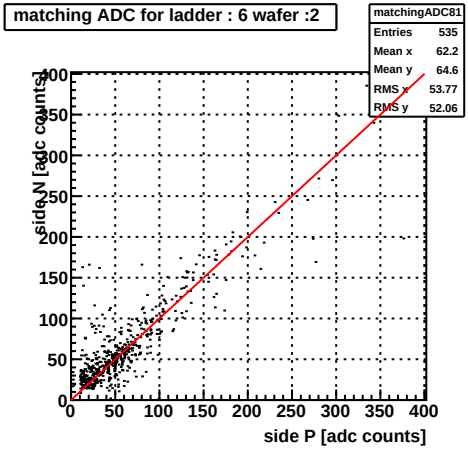

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1175
Mean x 59.14
Mean y 46.29
RMS x 55.83
RMS y 41.95
side N [adc counts]
side P [adc counts]

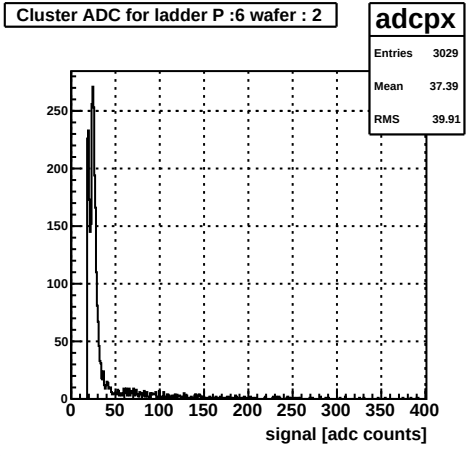

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 8660
Mean 35.43
RMS 38.4
signal [adc counts]

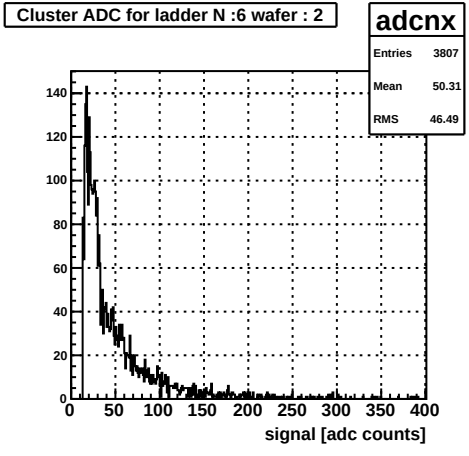

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5502
Mean 35.43
RMS 36.6
signal [adc counts]

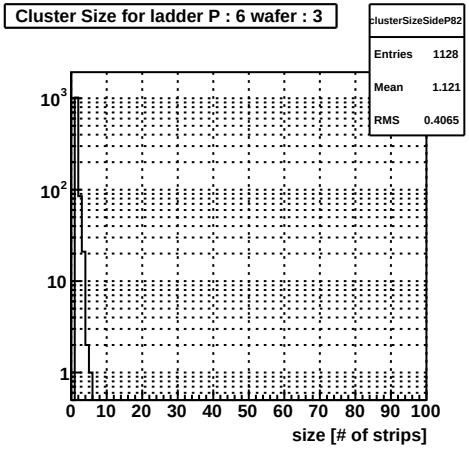

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3029
Mean 1.075
RMS 0.3183
size [# of strips]

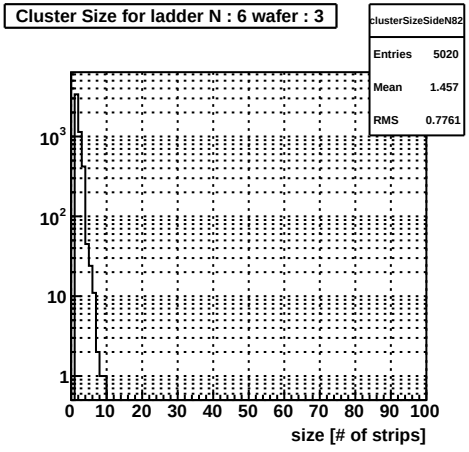

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3807
Mean 1.463
RMS 0.846
size [# of strips]

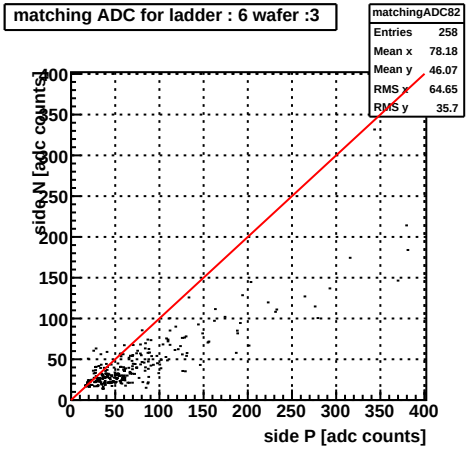

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 535
Mean x 62.2
Mean y 64.6
RMS x 53.77
RMS y 52.06
side N [adc counts]
side P [adc counts]

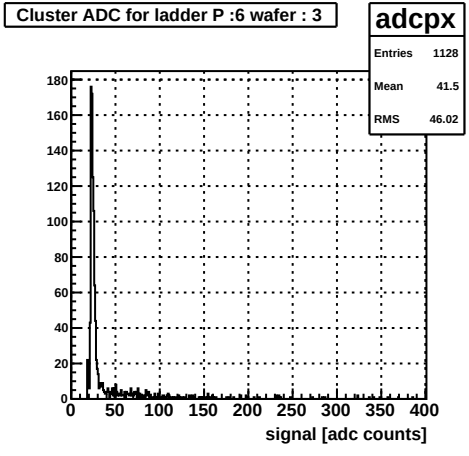

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3029
Mean 37.39
RMS 39.91
signal [adc counts]

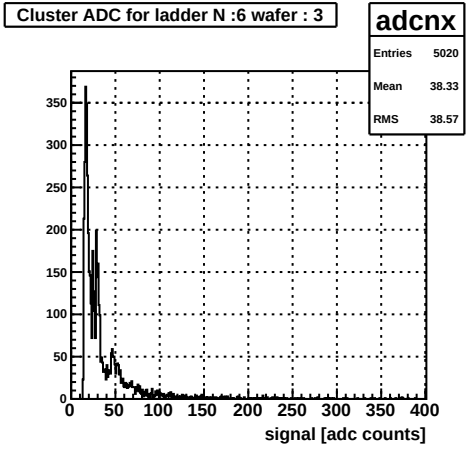

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3807
Mean 50.31
RMS 46.49
signal [adc counts]

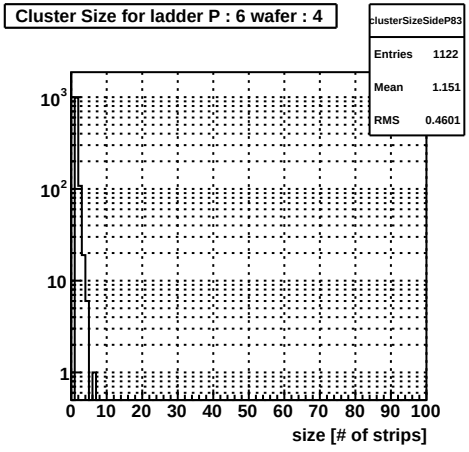

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1128
Mean 1.121
RMS 0.4065
size [# of strips]

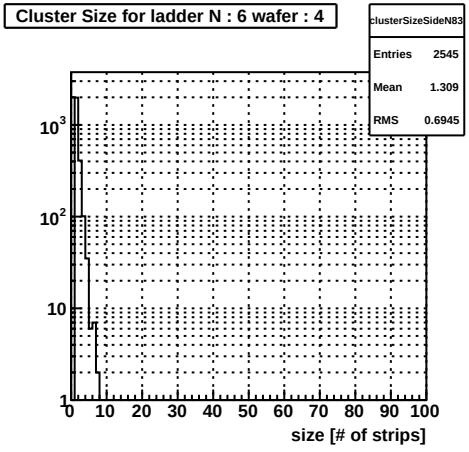

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 5020
Mean 1.457
RMS 0.7761
size [# of strips]

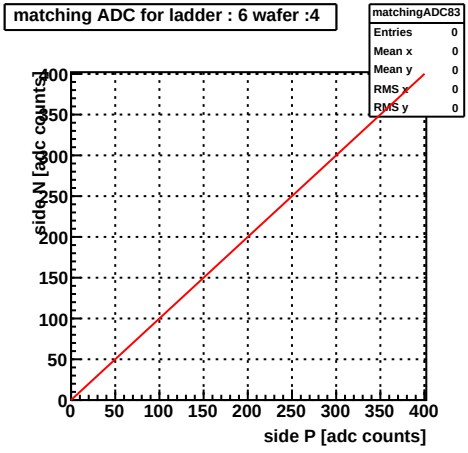

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 258
Mean x 78.18
Mean y 46.07
RMS x 64.65
RMS y 35.7
side N [adc counts]
side P [adc counts]

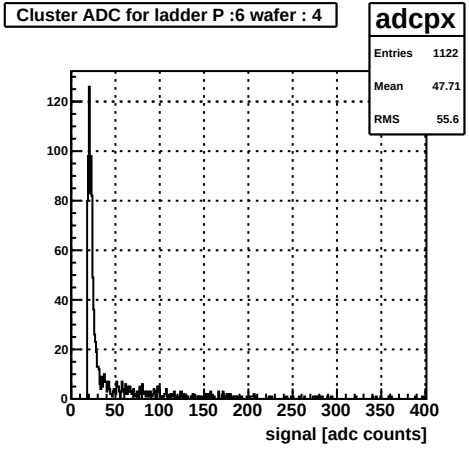

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1128
Mean 41.5
RMS 46.02
signal [adc counts]

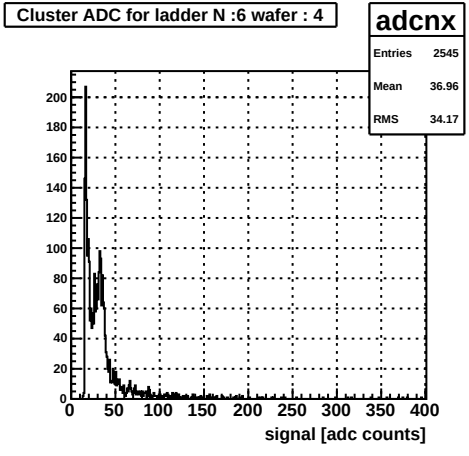

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 5020
Mean 38.33
RMS 38.57
signal [adc counts]

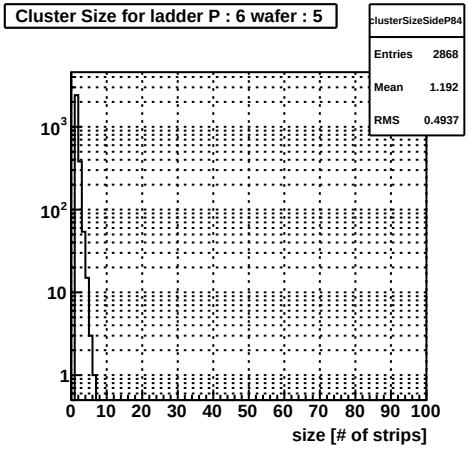

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1122
Mean 1.151
RMS 0.4601
size [# of strips]

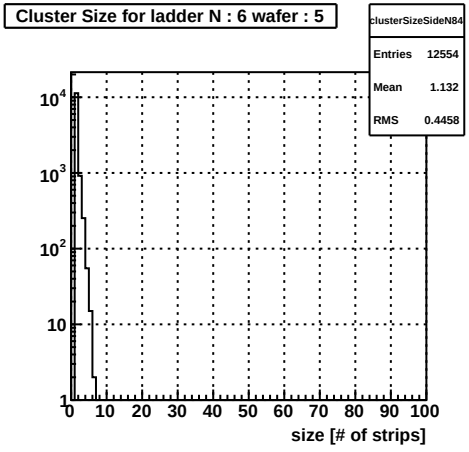

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2545
Mean 1.309
RMS 0.6945
size [# of strips]

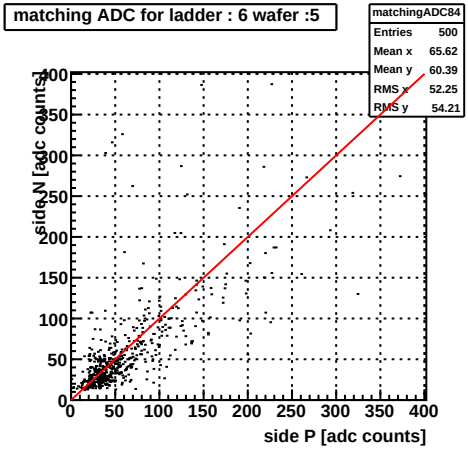

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

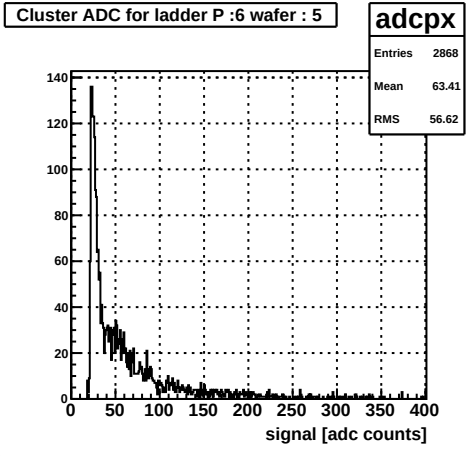

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1122
Mean 47.71
RMS 55.6
signal [adc counts]

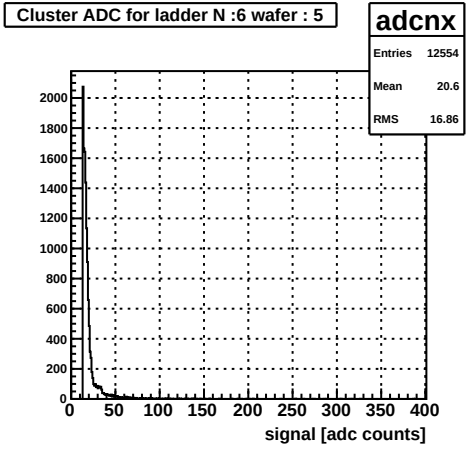

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2545
Mean 36.96
RMS 34.17
signal [adc counts]

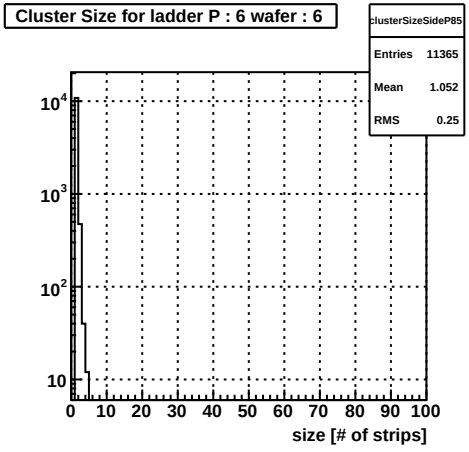

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2868
Mean 1.192
RMS 0.4937
size [# of strips]

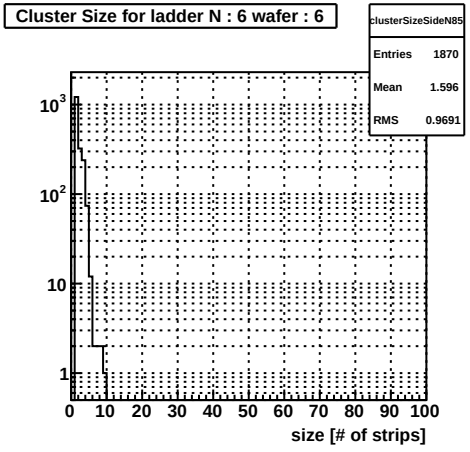

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 12554
Mean 1.132
RMS 0.4458
size [# of strips]

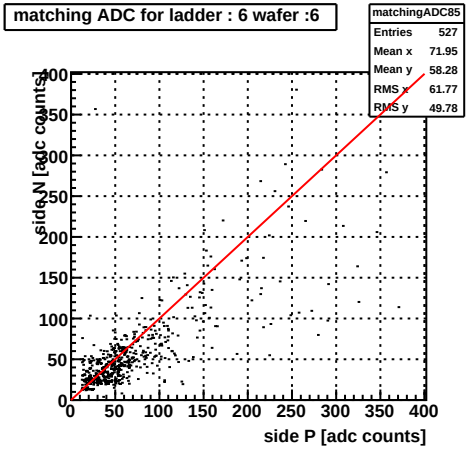

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 500
Mean x 65.62
Mean y 60.39
RMS x 52.25
RMS y 54.21
side N [adc counts]
side P [adc counts]

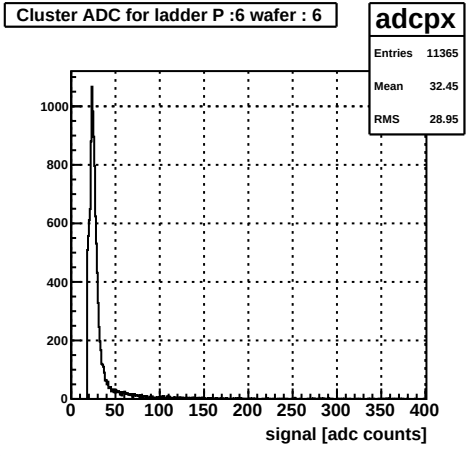

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2868
Mean 63.41
RMS 56.62
signal [adc counts]

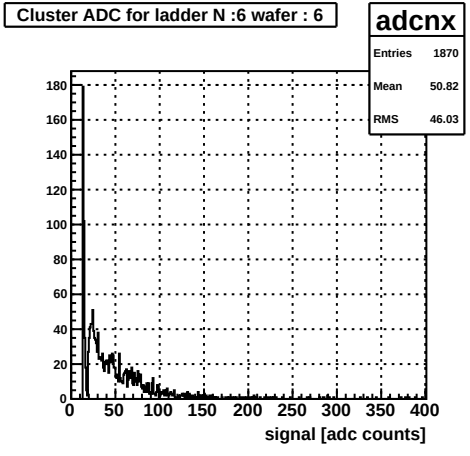

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 12554
Mean 20.6
RMS 16.86
signal [adc counts]

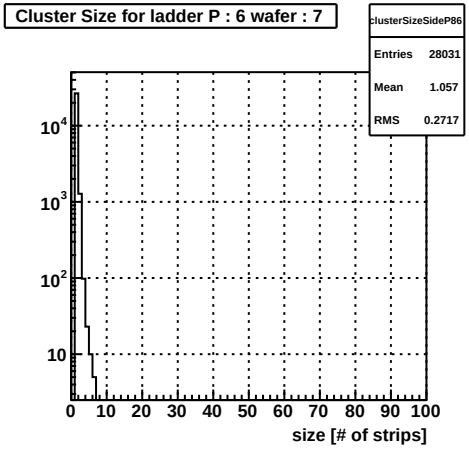

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 11365
Mean 1.052
RMS 0.25
size [# of strips]

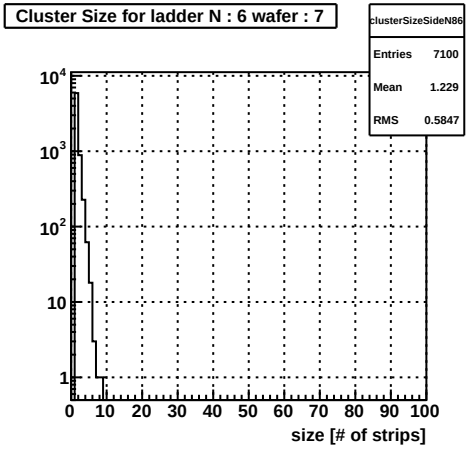

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1870
Mean 1.596
RMS 0.9691
size [# of strips]

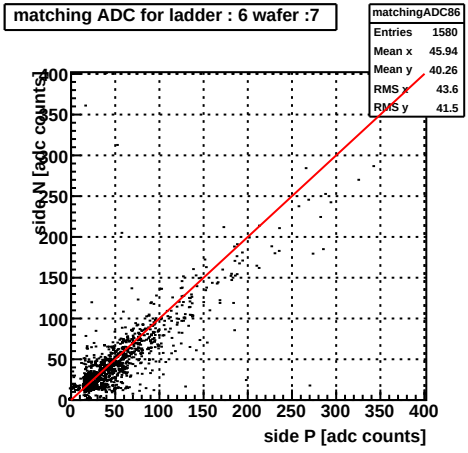

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 527
Mean x 71.95
Mean y 58.28
RMS x 61.77
RMS y 49.78
side N [adc counts]
side P [adc counts]

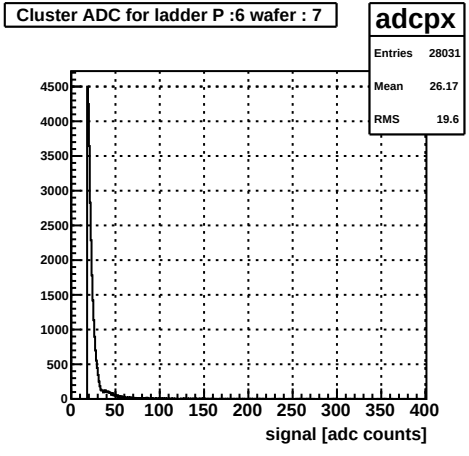

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 11365
Mean 32.45
RMS 28.95
signal [adc counts]

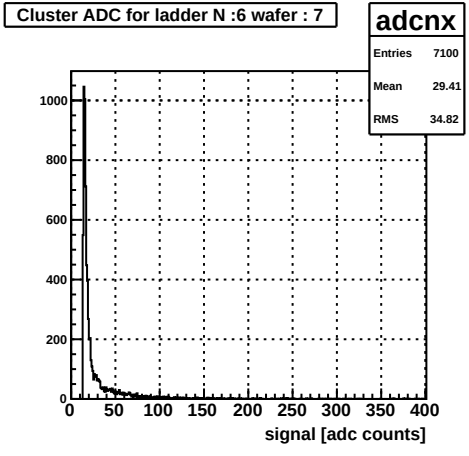

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1870
Mean 50.82
RMS 46.03
signal [adc counts]

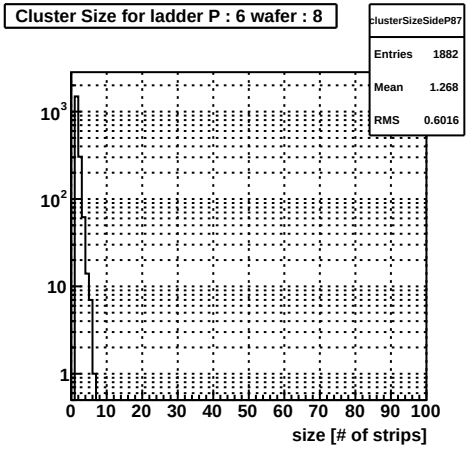

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 28031
Mean 1.057
RMS 0.2717
size [# of strips]

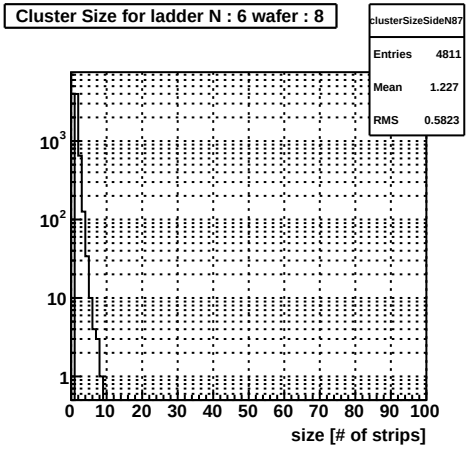

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 7100
Mean 1.229
RMS 0.5847
size [# of strips]

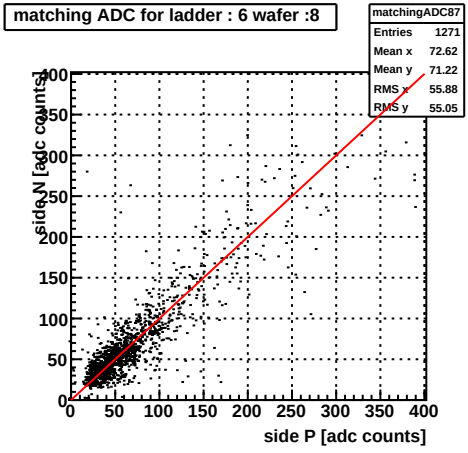

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1580
Mean x 45.94
Mean y 40.26
RMS x 43.6
RMS y 41.5
side N [adc counts]
side P [adc counts]

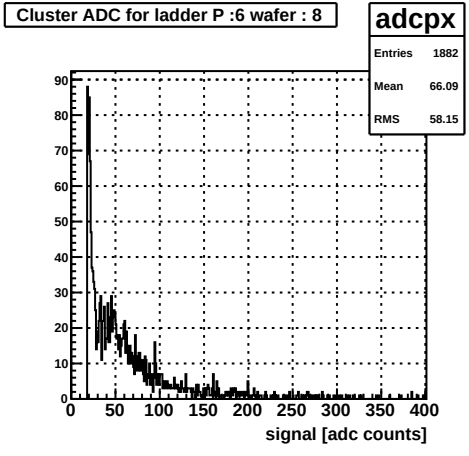

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 28031
Mean 26.17
RMS 19.6
signal [adc counts]

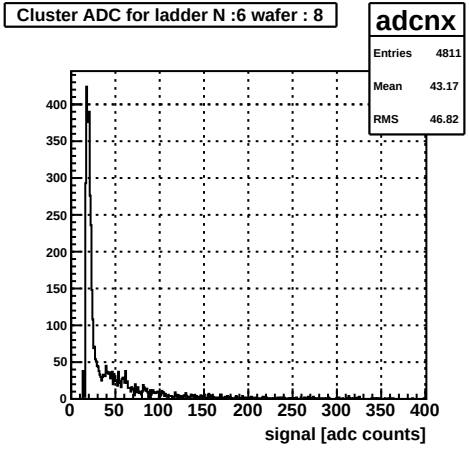

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 7100
Mean 29.41
RMS 34.82
signal [adc counts]

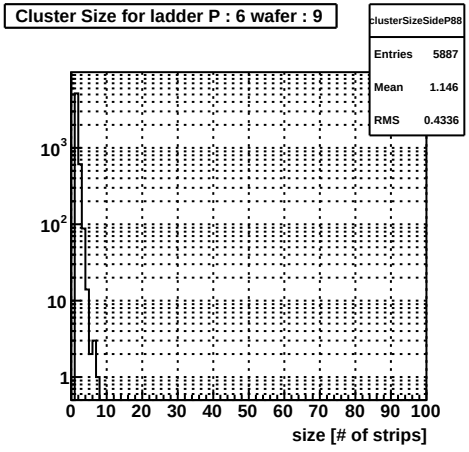

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1882
Mean 1.268
RMS 0.6016
size [# of strips]

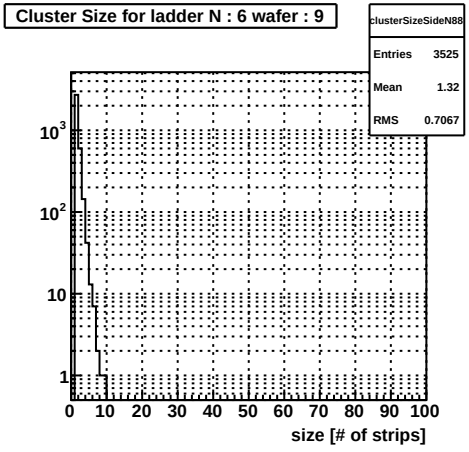

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4811
Mean 1.227
RMS 0.5823
size [# of strips]

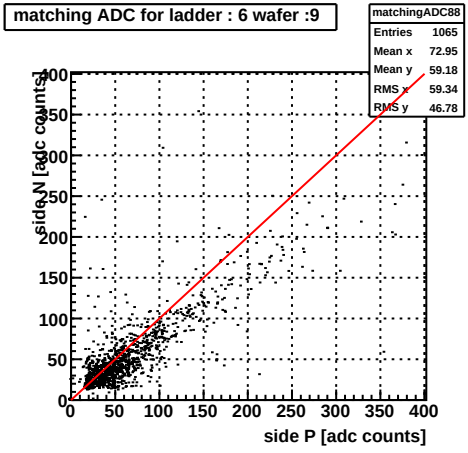

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1271
Mean x 72.62
Mean y 71.22
RMS x 55.88
RMS y 55.05
side N [adc counts]
side P [adc counts]

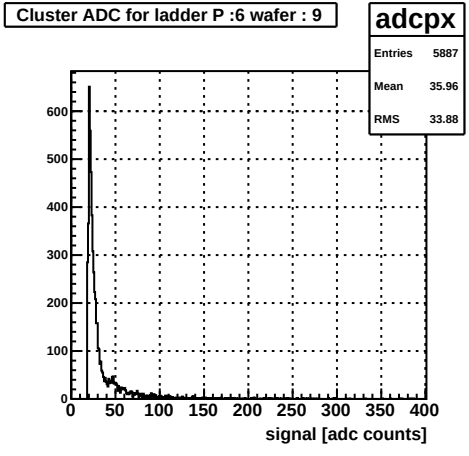

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1882
Mean 66.09
RMS 58.15
signal [adc counts]

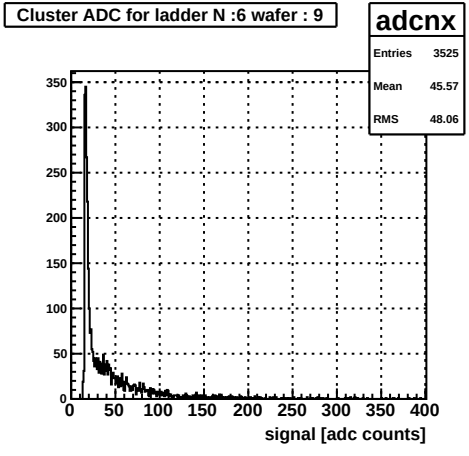

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4811
Mean 43.17
RMS 46.82
signal [adc counts]

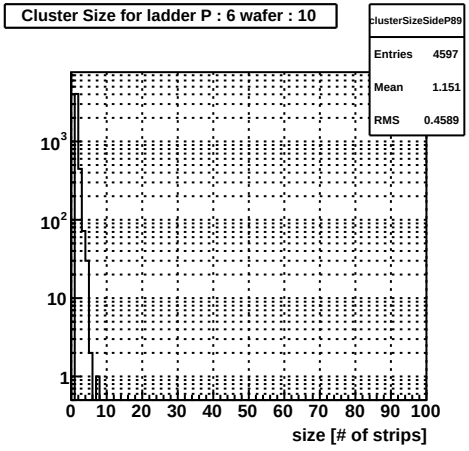

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5887
Mean 1.146
RMS 0.4336
size [# of strips]

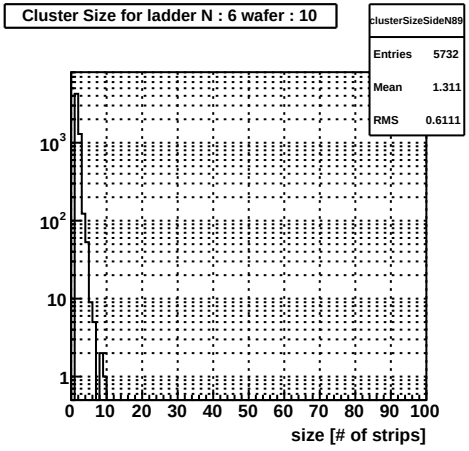

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3525
Mean 1.32
RMS 0.7067
size [# of strips]

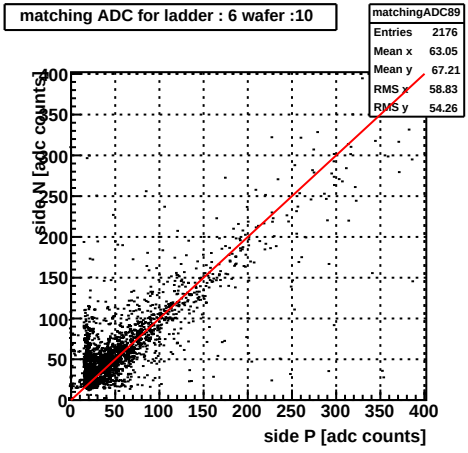

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1065
Mean x 72.95
Mean y 59.18
RMS x 59.34
RMS y 46.78
side N [adc counts]
side P [adc counts]

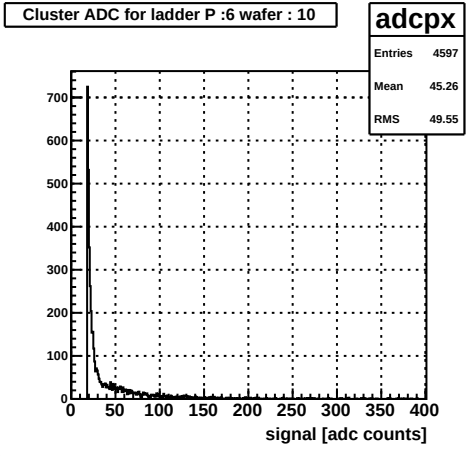

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5887
Mean 35.96
RMS 33.88
signal [adc counts]

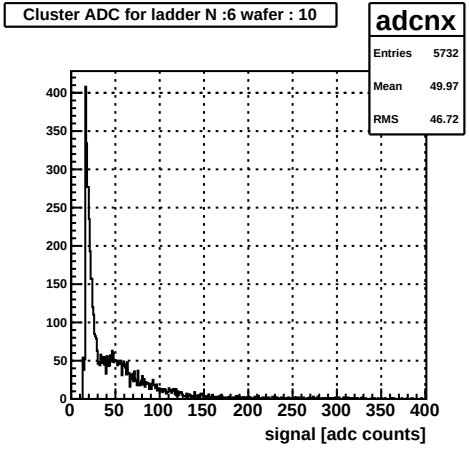

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3525
Mean 45.57
RMS 48.06
signal [adc counts]

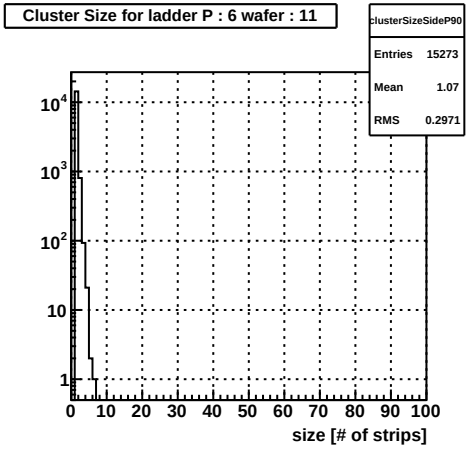

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4597
Mean 1.151
RMS 0.4589
size [# of strips]

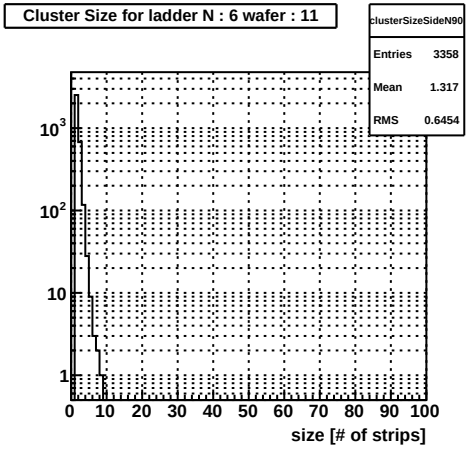

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5732
Mean 1.311
RMS 0.6111
size [# of strips]

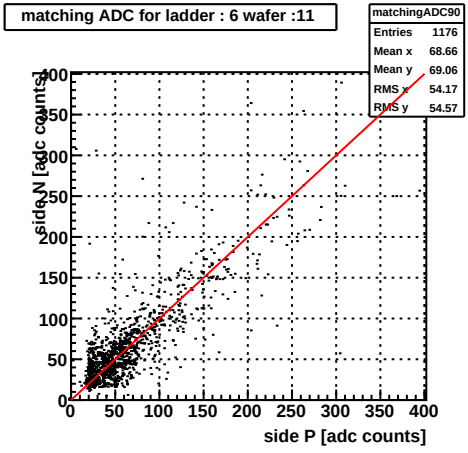

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2176
Mean x 63.05
Mean y 67.21
RMS x 58.83
RMS y 54.26
side N [adc counts]
side P [adc counts]

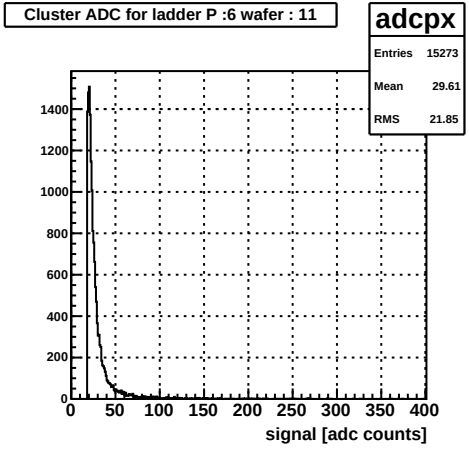

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4597
Mean 45.26
RMS 49.55
signal [adc counts]

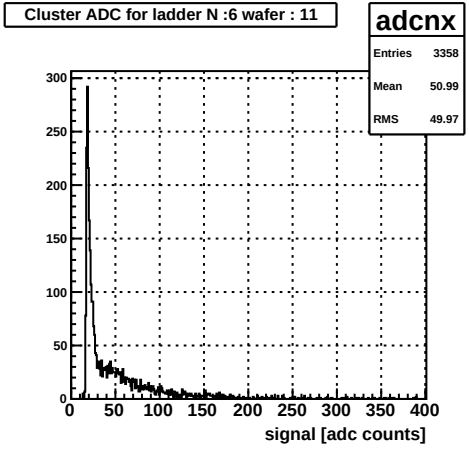

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5732
Mean 49.97
RMS 46.72
signal [adc counts]

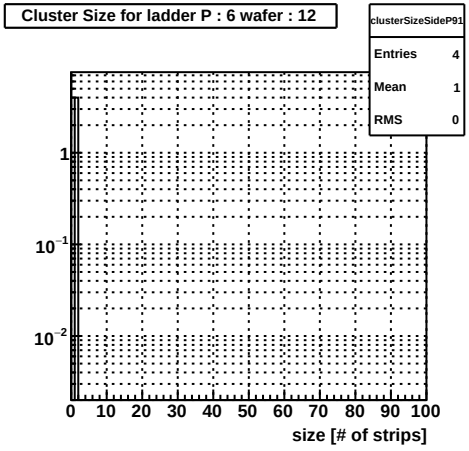

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 15273
Mean 1.07
RMS 0.2971
size [# of strips]

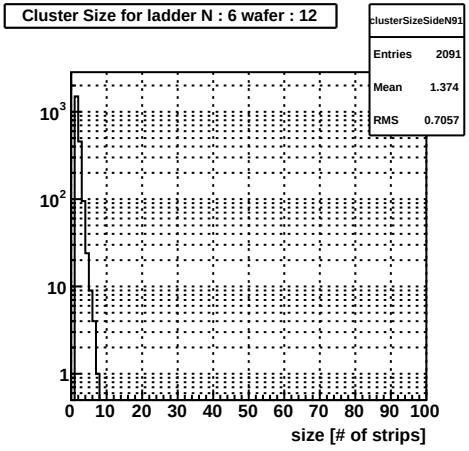

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3358
Mean 1.317
RMS 0.6454
size [# of strips]

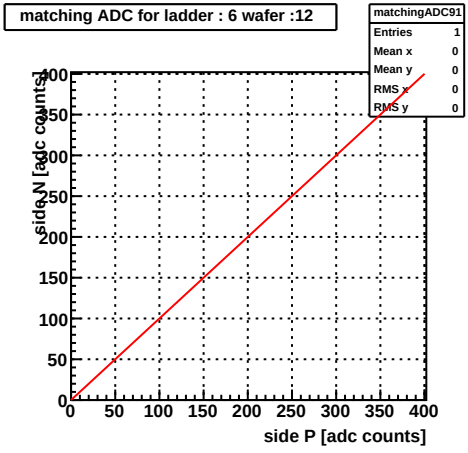

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1176
Mean x 68.66
Mean y 69.06
RMS x 54.17
RMS y 54.57
side N [adc counts]
side P [adc counts]

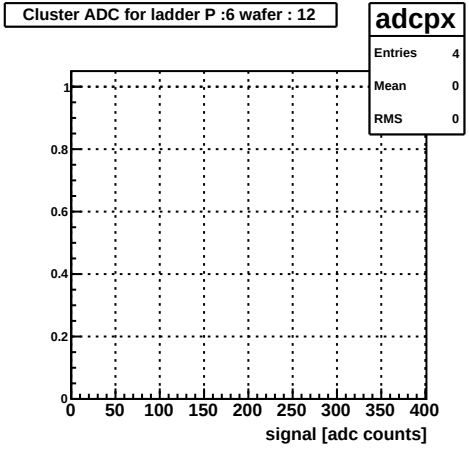

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 15273
Mean 29.61
RMS 21.85
signal [adc counts]

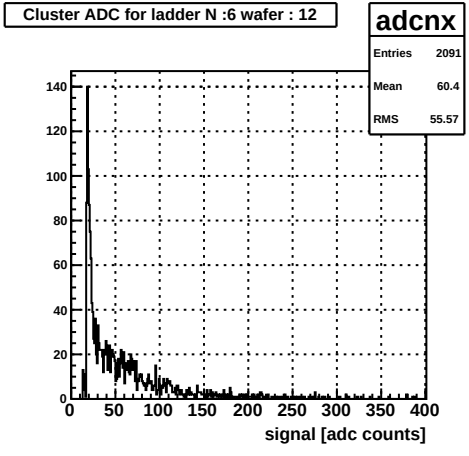

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3358
Mean 50.99
RMS 49.97
signal [adc counts]

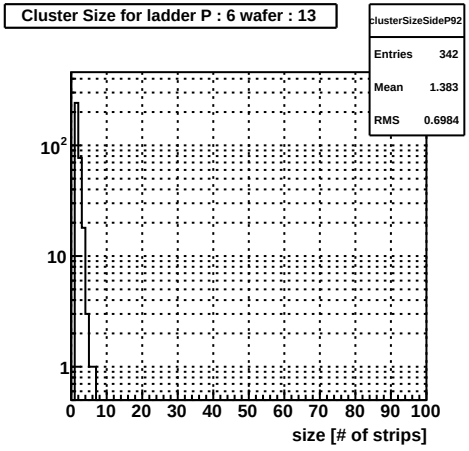

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 4
Mean 1
RMS 0
size [# of strips]

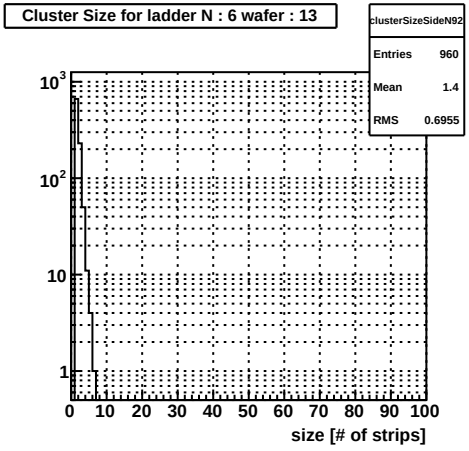

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2091
Mean 1.374
RMS 0.7057
size [# of strips]

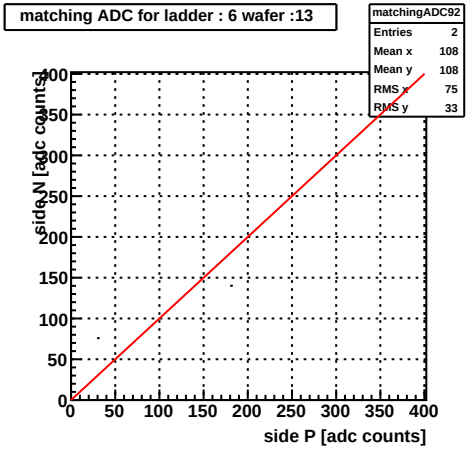

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

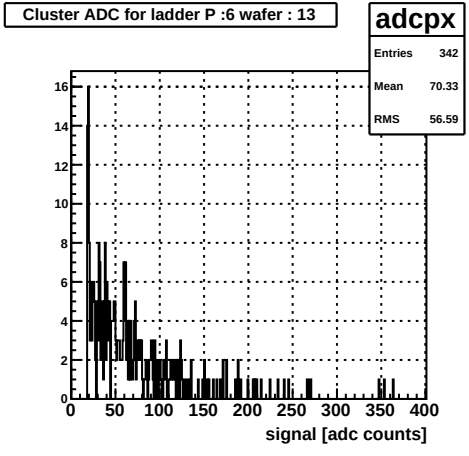

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

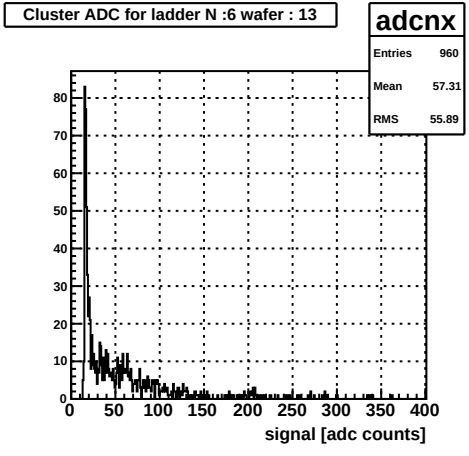

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2091
Mean 60.4
RMS 55.57
signal [adc counts]

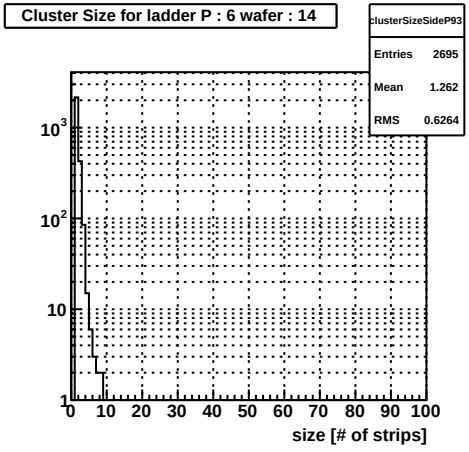

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 342
Mean 1.383
RMS 0.6984
size [# of strips]

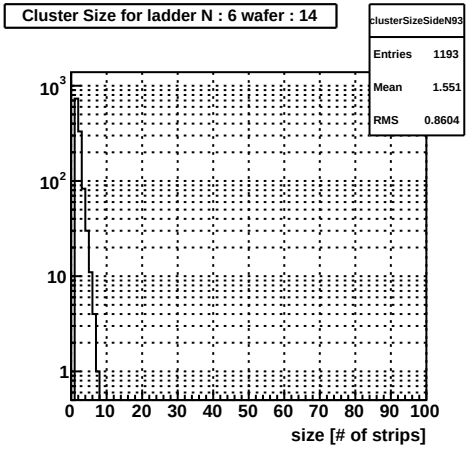

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 960
Mean 1.4
RMS 0.6955
size [# of strips]

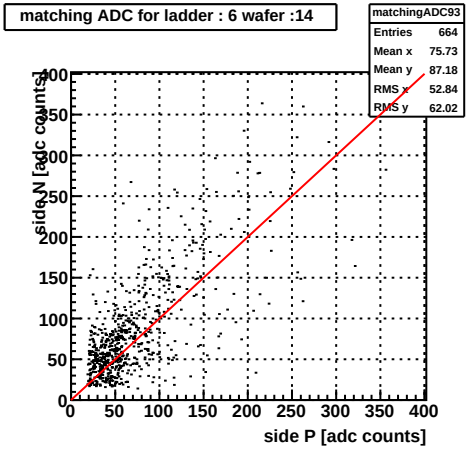

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 108
Mean y 108
RMS x 75
RMS y 33
side N [adc counts]
side P [adc counts]

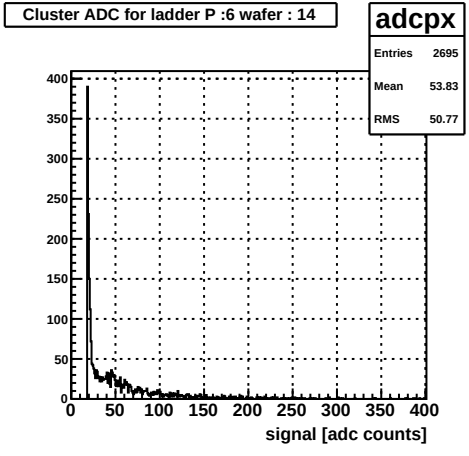

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 342
Mean 70.33
RMS 56.59
signal [adc counts]

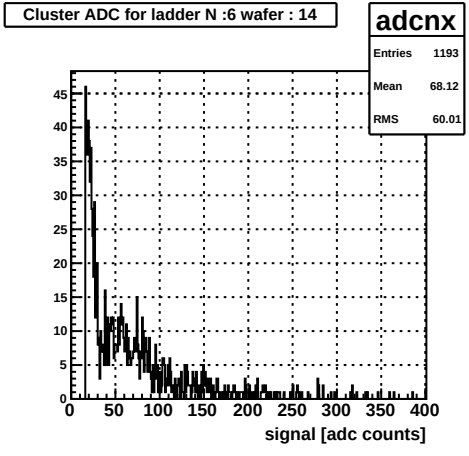

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 960
Mean 57.31
RMS 55.89
signal [adc counts]

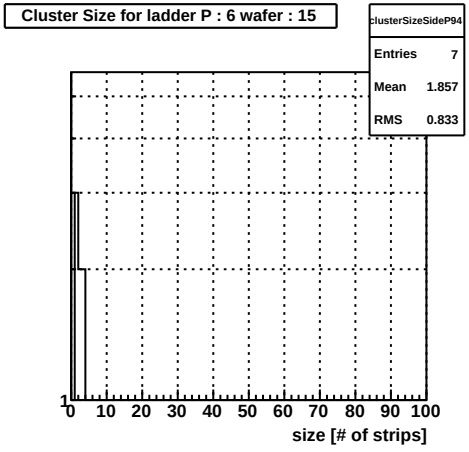

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2695
Mean 1.262
RMS 0.6264
size [# of strips]

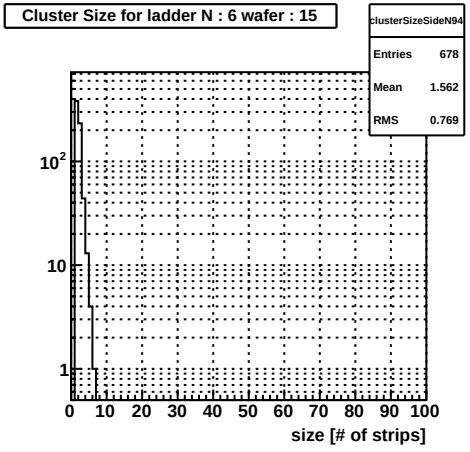

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1193
Mean 1.551
RMS 0.8604
size [# of strips]

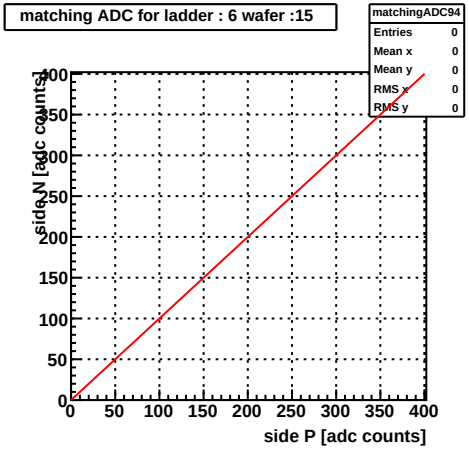

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 664
Mean x 75.73
Mean y 87.18
RMS x 52.84
RMS y 62.02
side N [adc counts]
side P [adc counts]

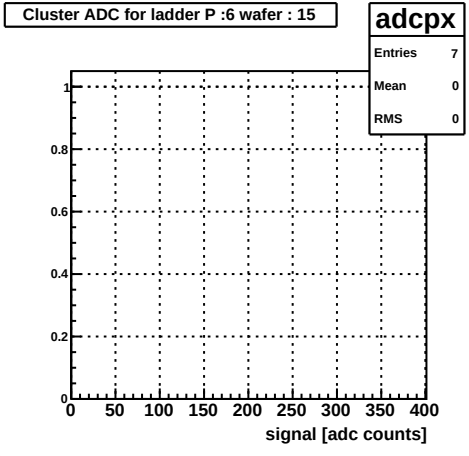

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2695
Mean 53.83
RMS 50.77
signal [adc counts]

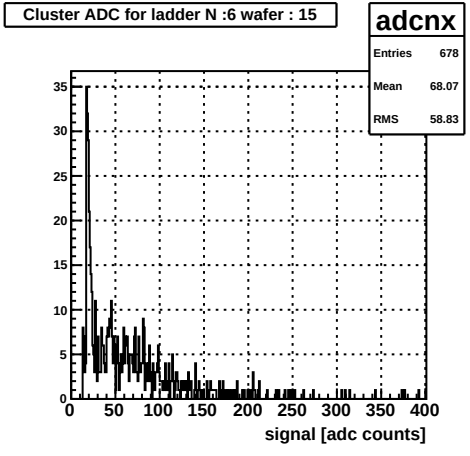

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1193
Mean 68.12
RMS 60.01
signal [adc counts]

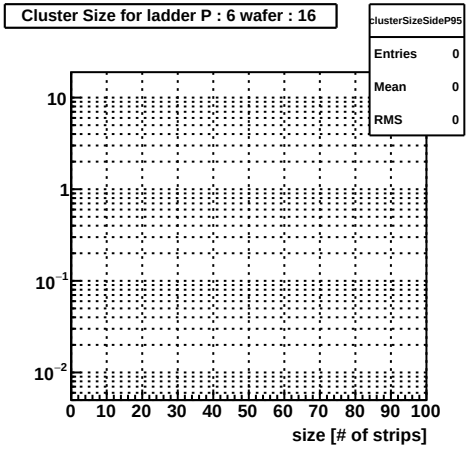

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 7
Mean 1.857
RMS 0.833
size [# of strips]

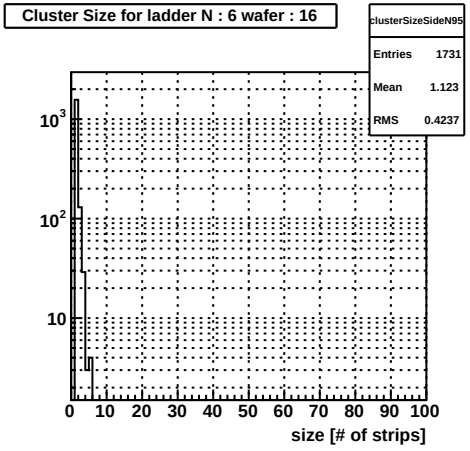

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 678
Mean 1.562
RMS 0.769
size [# of strips]

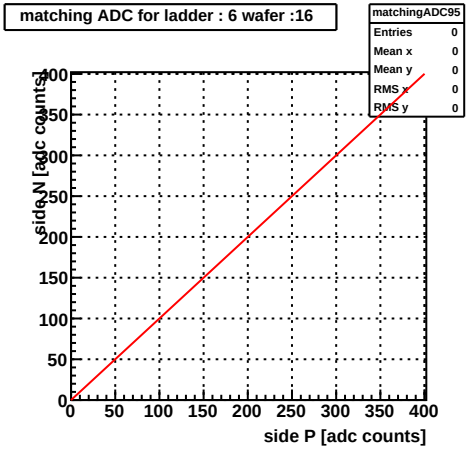

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

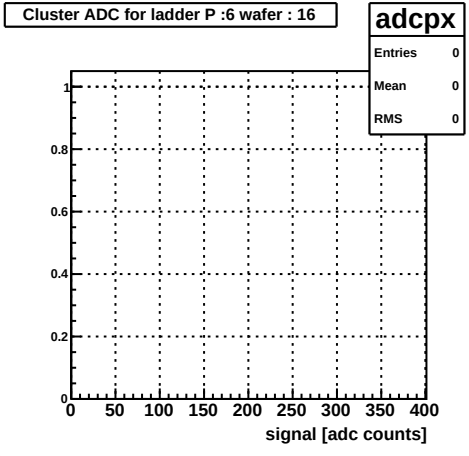

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

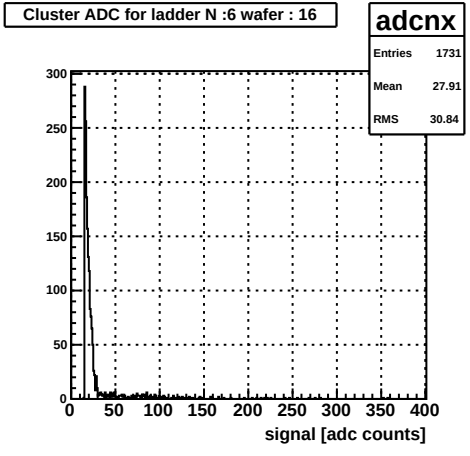

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 678
Mean 68.07
RMS 58.83
signal [adc counts]

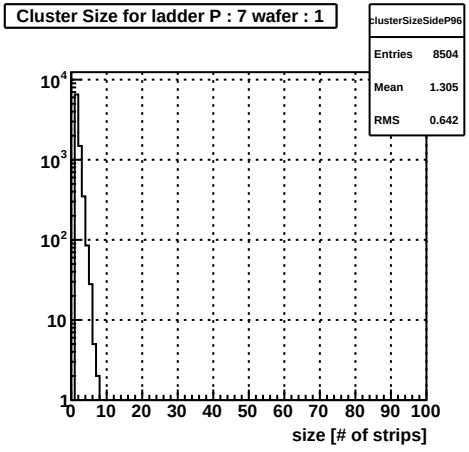

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

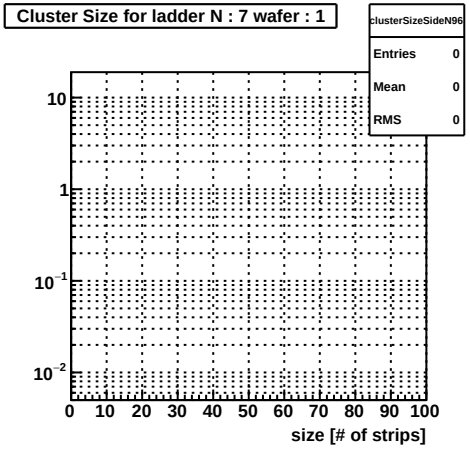

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1731
Mean 1.123
RMS 0.4237
size [# of strips]

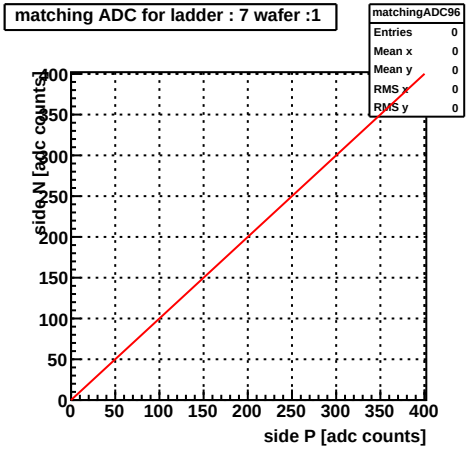

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

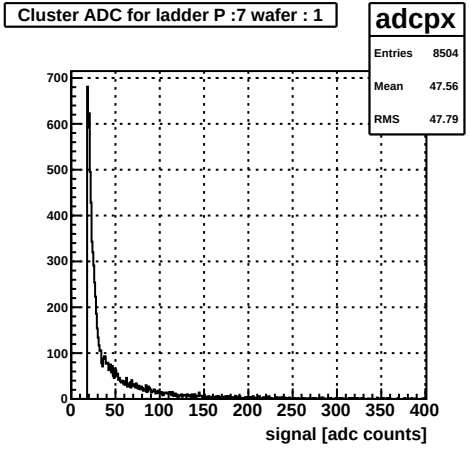

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

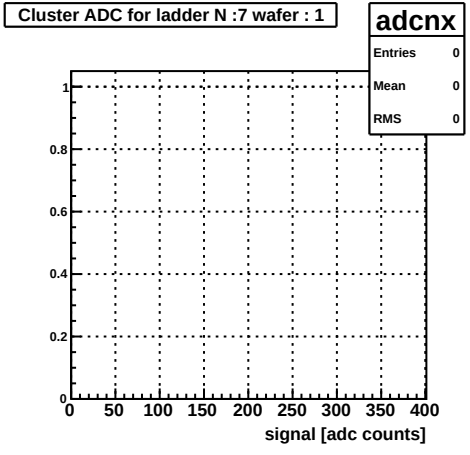

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1731
Mean 27.91
RMS 30.84
signal [adc counts]

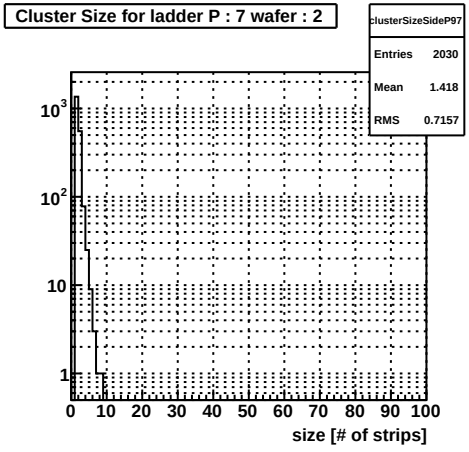

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8504
Mean 1.305
RMS 0.642
size [# of strips]

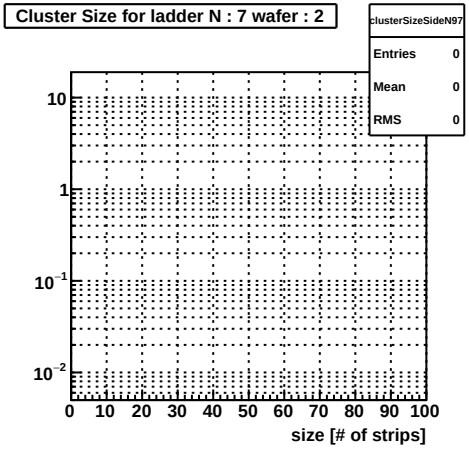

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

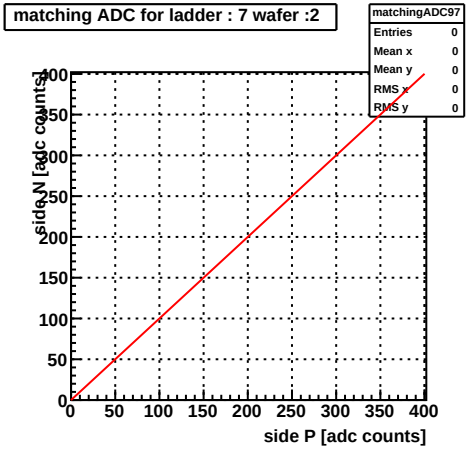

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

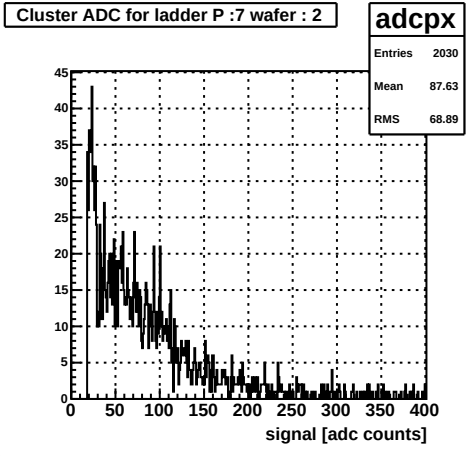

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8504
Mean 47.56
RMS 47.79
signal [adc counts]

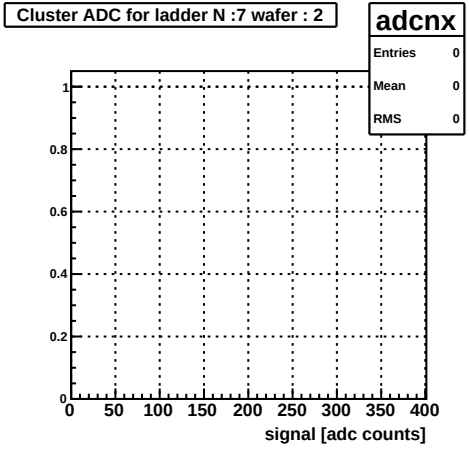

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

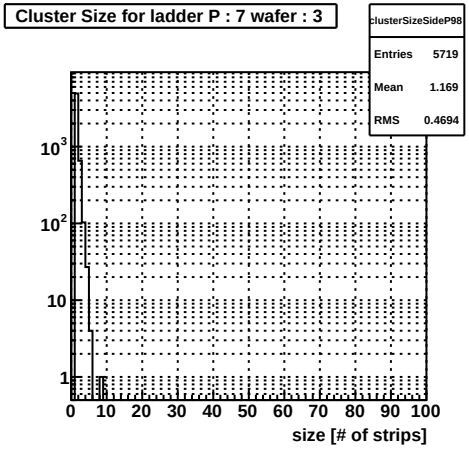

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2030
Mean 1.418
RMS 0.7157
size [# of strips]

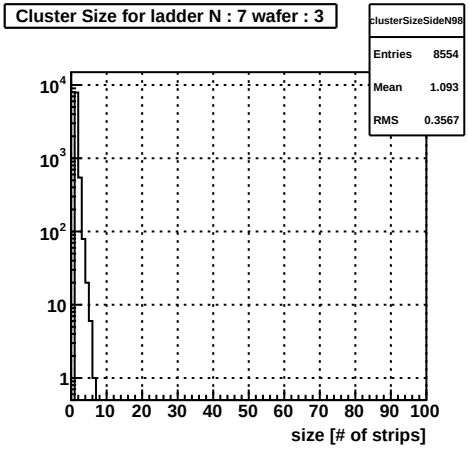

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

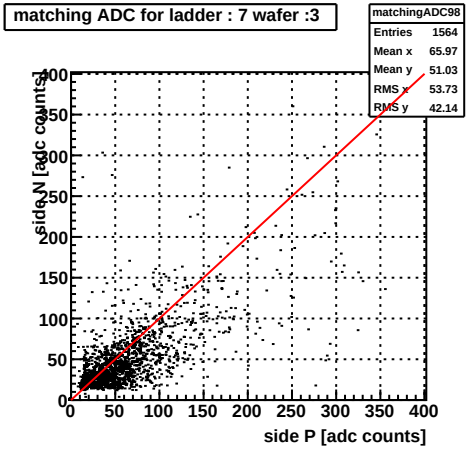

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

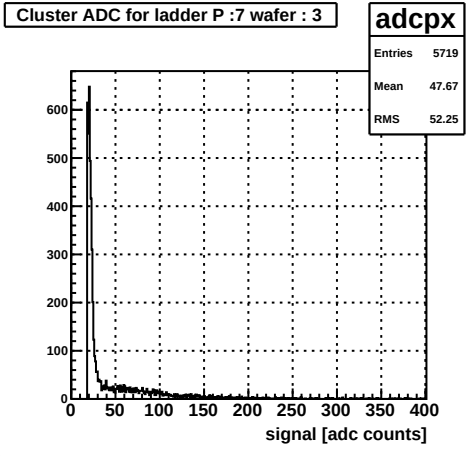

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2030
Mean 87.63
RMS 68.89
signal [adc counts]

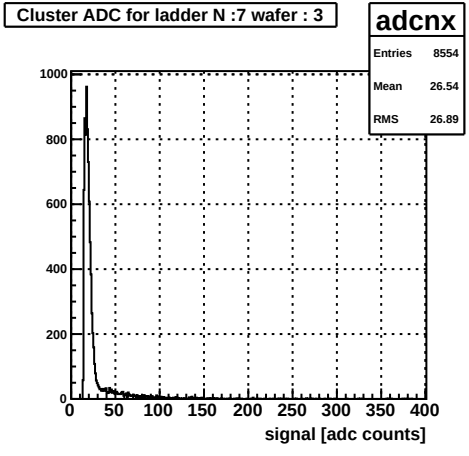

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

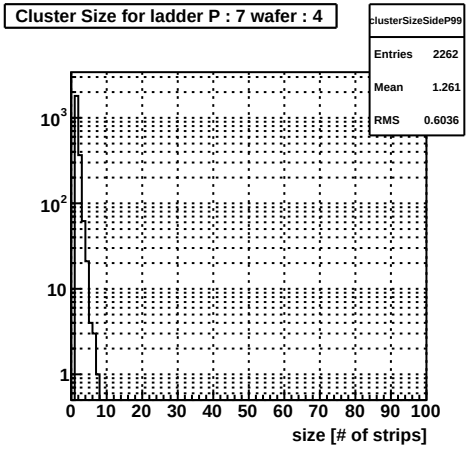

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5719
Mean 1.169
RMS 0.4694
size [# of strips]

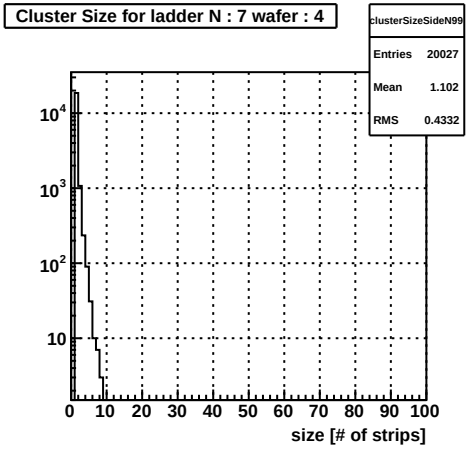

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 8554
Mean 1.093
RMS 0.3567
size [# of strips]

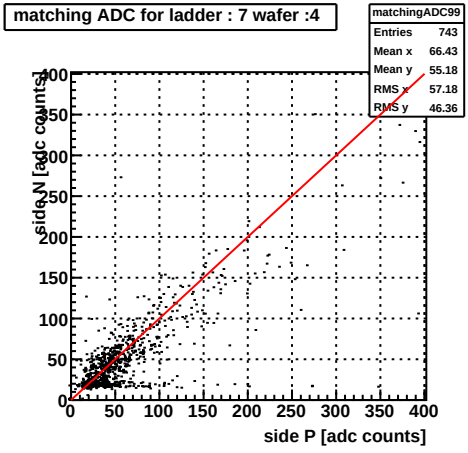

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1564
Mean x 65.97
Mean y 51.03
RMS x 53.73
RMS y 42.14
side N [adc counts]
side P [adc counts]

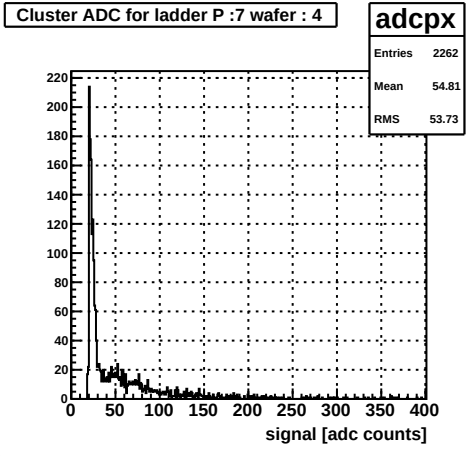

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5719
Mean 47.67
RMS 52.25
signal [adc counts]

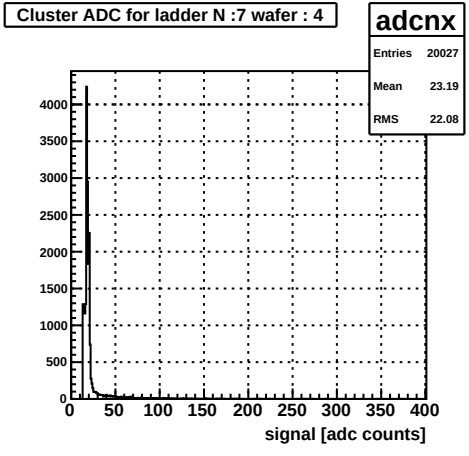

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 8554
Mean 26.54
RMS 26.89
signal [adc counts]

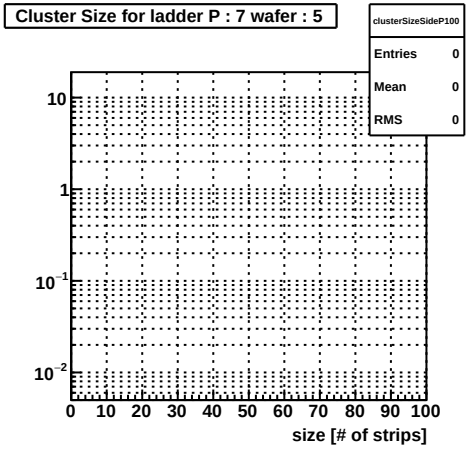

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2262
Mean 1.261
RMS 0.6036
size [# of strips]

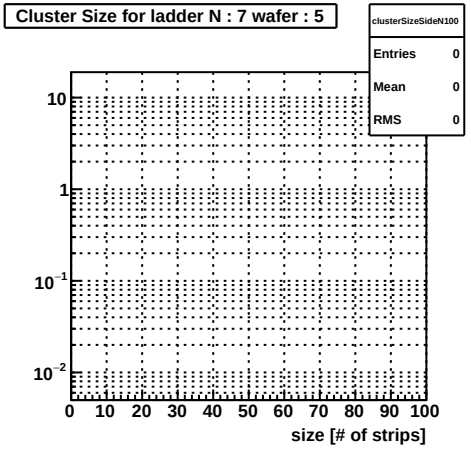

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 20027
Mean 1.102
RMS 0.4332
size [# of strips]

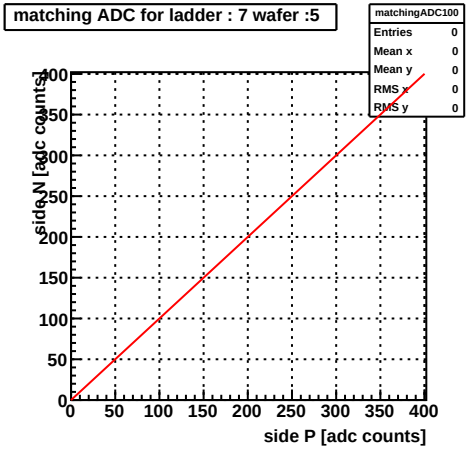

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 743
Mean x 66.43
Mean y 55.18
RMS x 57.18
RMS y 46.36
side N [adc counts]
side P [adc counts]

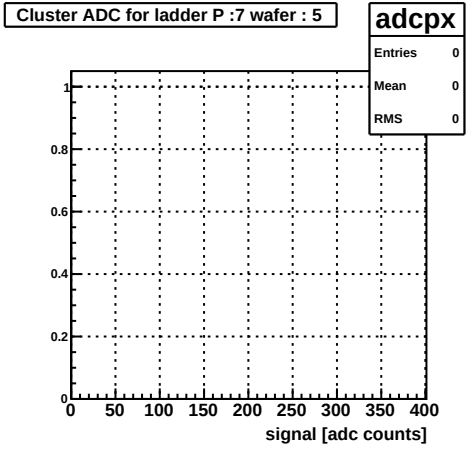

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2262
Mean 54.81
RMS 53.73
signal [adc counts]

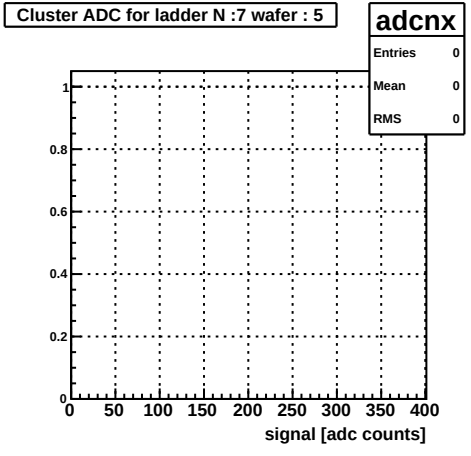

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 20027
Mean 23.19
RMS 22.08
signal [adc counts]

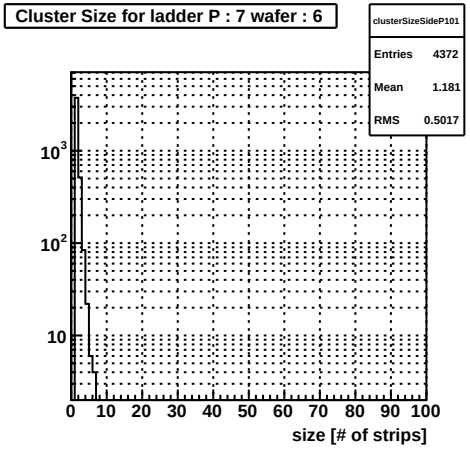

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 0
Mean 0
RMS 0
size [# of strips]

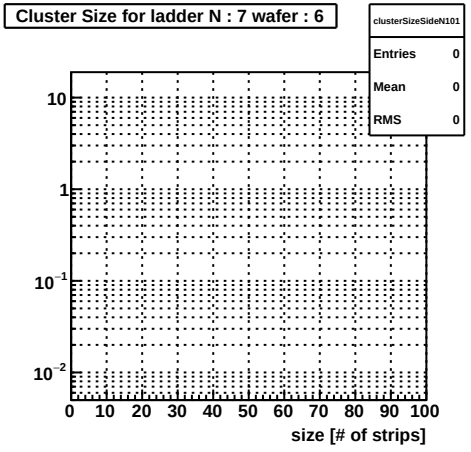

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

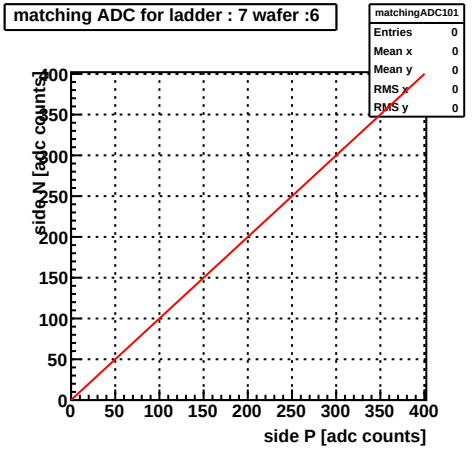

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

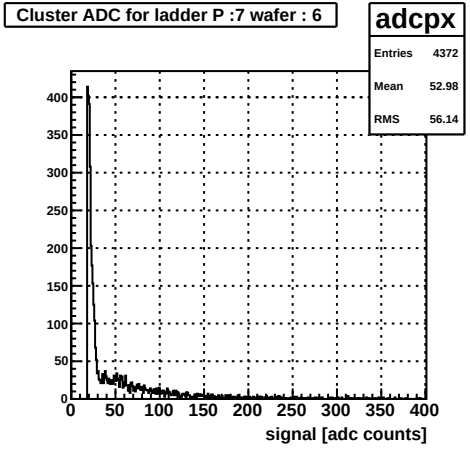

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

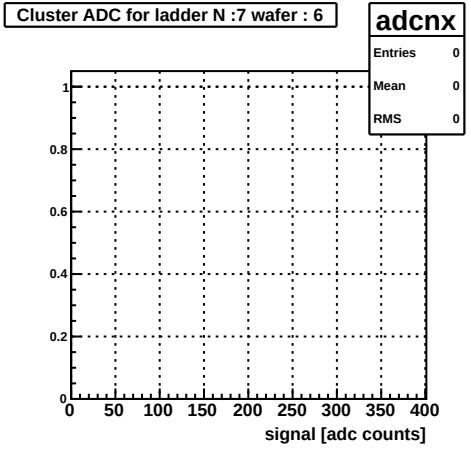

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

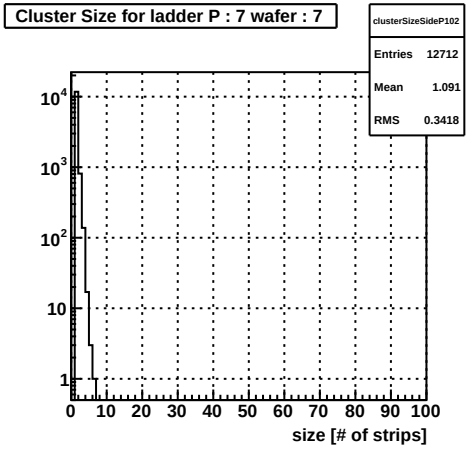

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4372
Mean 1.181
RMS 0.5017
size [# of strips]

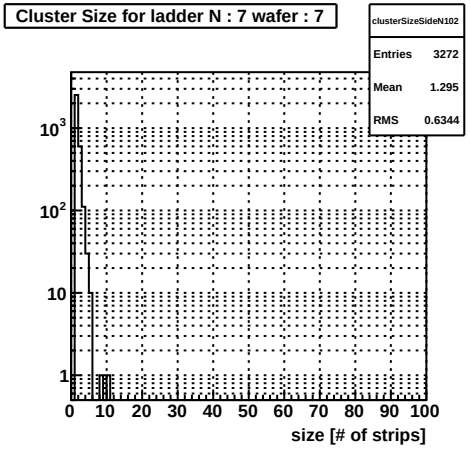

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

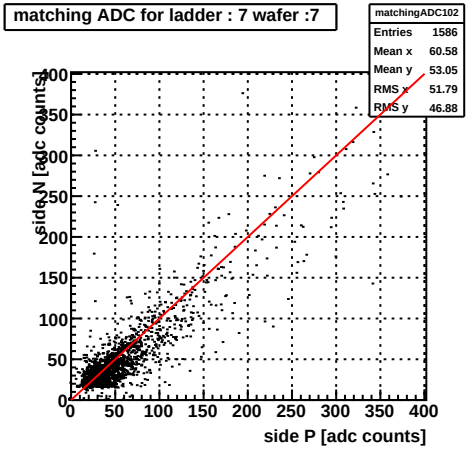

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

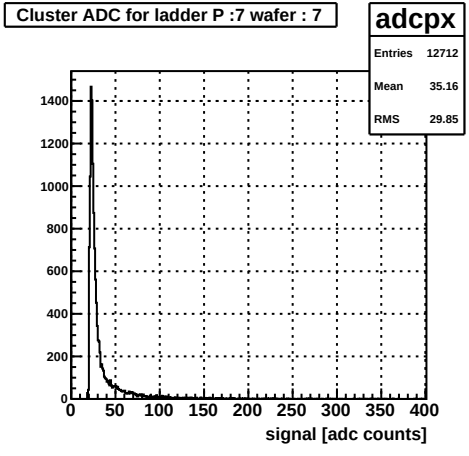

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4372
Mean 52.98
RMS 56.14
signal [adc counts]

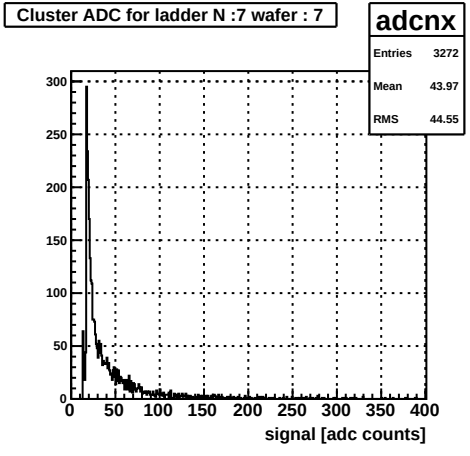

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

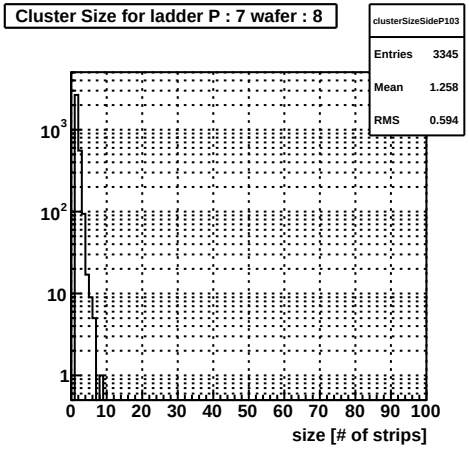

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 12712
Mean 1.091
RMS 0.3418
size [# of strips]

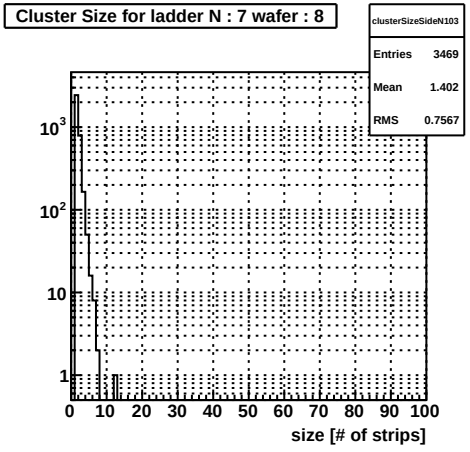

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3272
Mean 1.295
RMS 0.6344
size [# of strips]

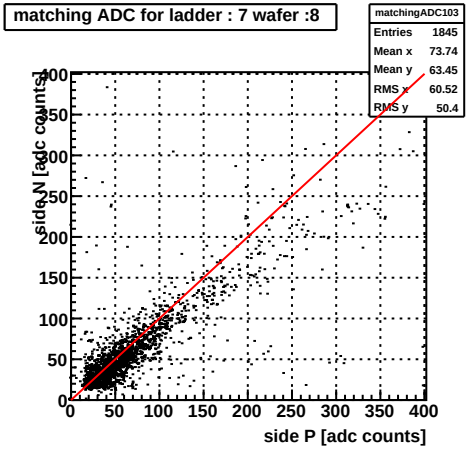

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1586
Mean x 60.58
Mean y 53.05
RMS x 51.79
RMS y 46.88
side N [adc counts]
side P [adc counts]

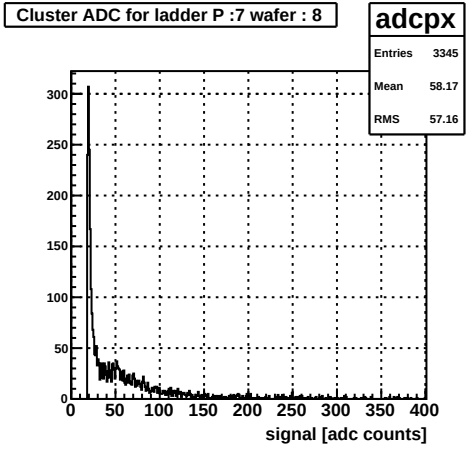

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 12712
Mean 35.16
RMS 29.85
signal [adc counts]

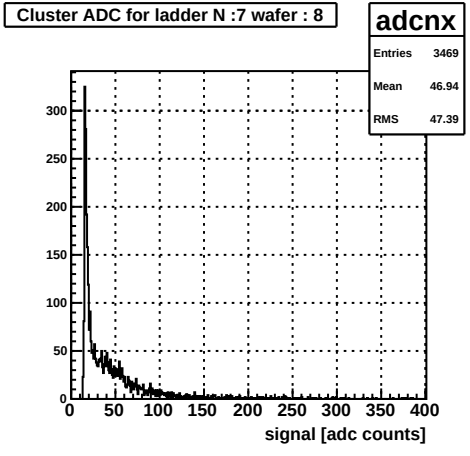

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3272
Mean 43.97
RMS 44.55
signal [adc counts]

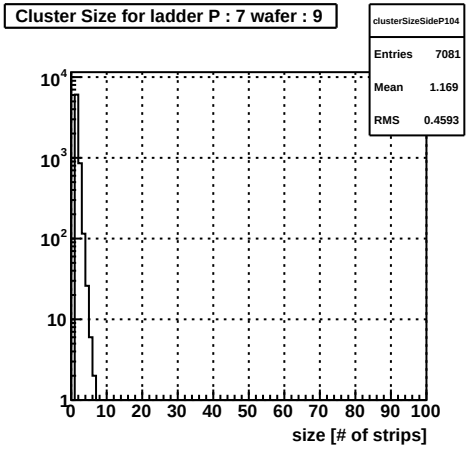

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3345
Mean 1.258
RMS 0.594
size [# of strips]

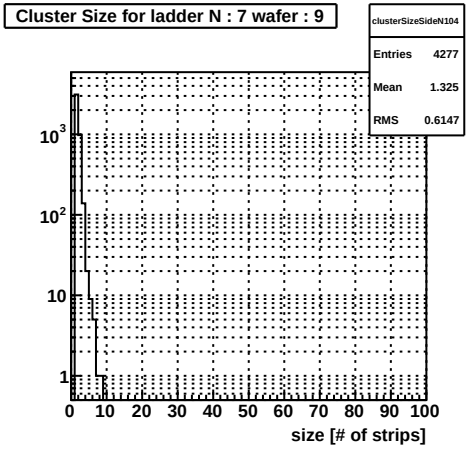

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3469
Mean 1.402
RMS 0.7567
size [# of strips]

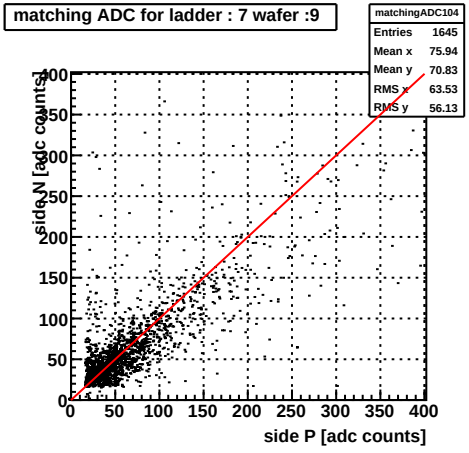

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1845
Mean x 73.74
Mean y 63.45
RMS x 60.52
RMS y 50.4
side N [adc counts]
side P [adc counts]

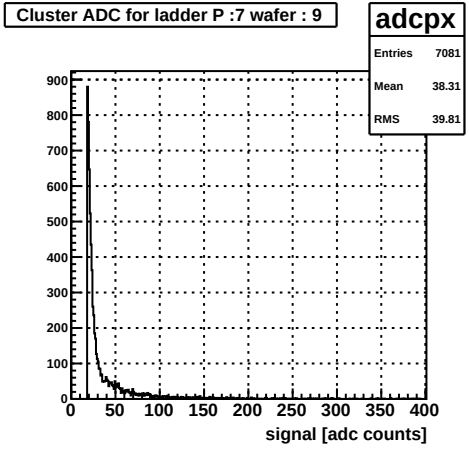

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3345
Mean 58.17
RMS 57.16
signal [adc counts]

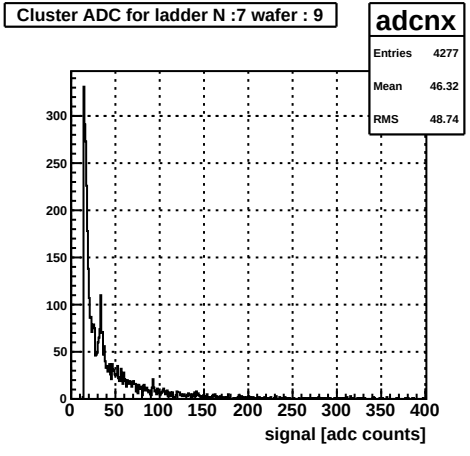

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3469
Mean 46.94
RMS 47.39
signal [adc counts]

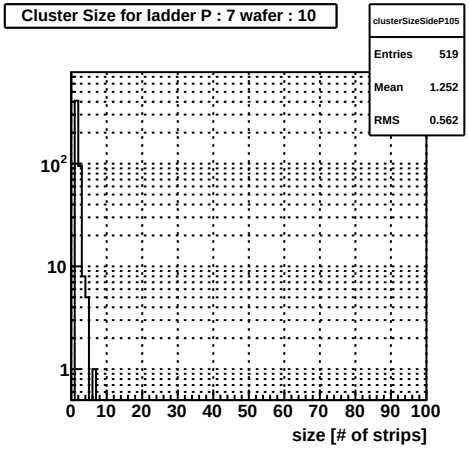

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 7081
Mean 1.169
RMS 0.4593
size [# of strips]

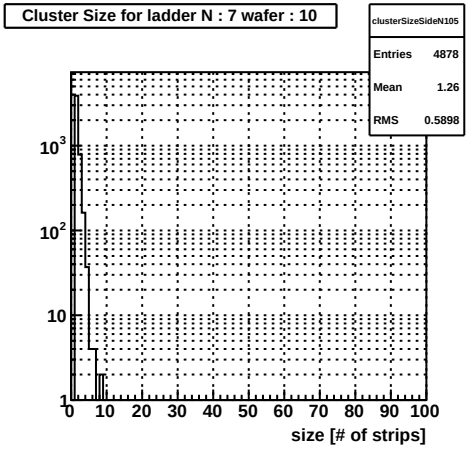

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4277
Mean 1.325
RMS 0.6147
size [# of strips]

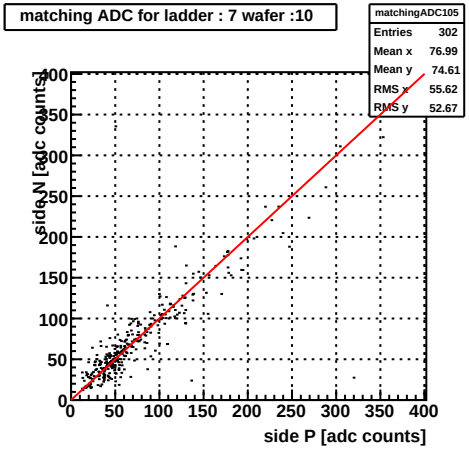

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1645
Mean x 75.94
Mean y 70.83
RMS x 63.53
RMS y 56.13
side N [adc counts]
side P [adc counts]

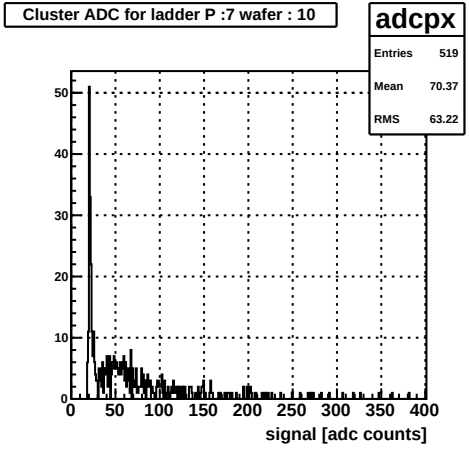

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 7081
Mean 38.31
RMS 39.81
signal [adc counts]

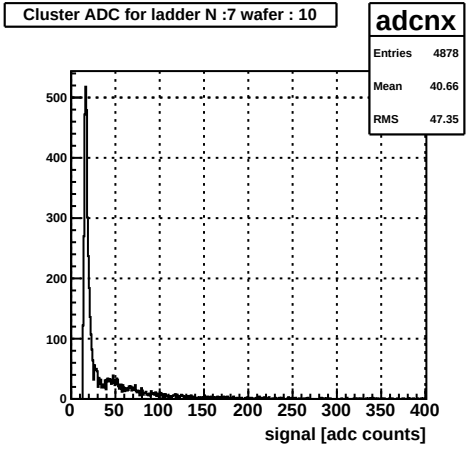

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4277
Mean 46.32
RMS 48.74
signal [adc counts]

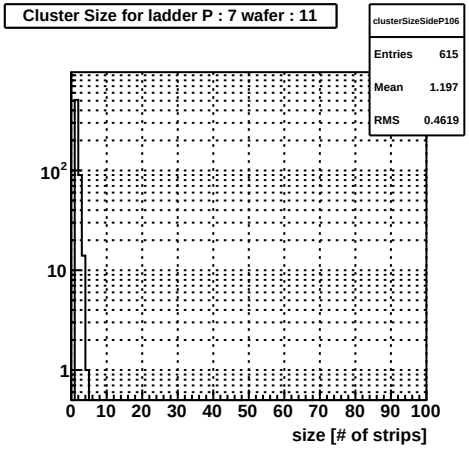

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 519
Mean 1.252
RMS 0.562
size [# of strips]

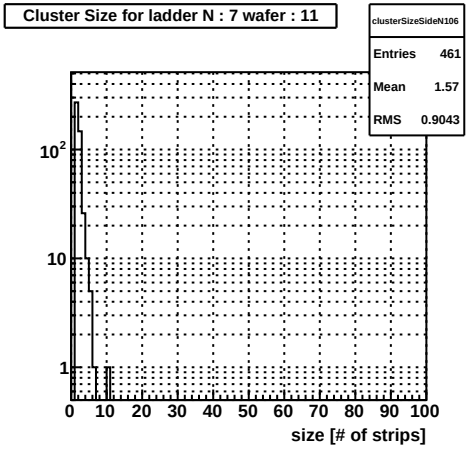

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 4878
Mean 1.26
RMS 0.5898
size [# of strips]

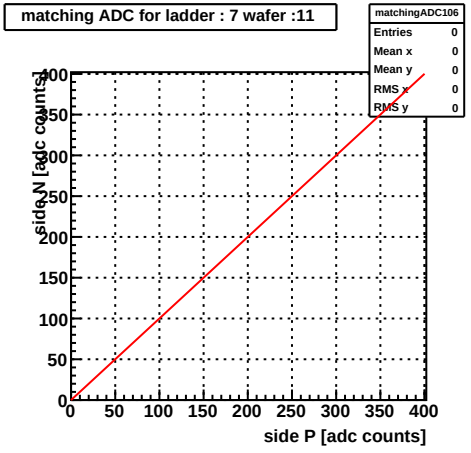

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 302
Mean x 76.99
Mean y 74.61
RMS x 55.62
RMS y 52.67
side N [adc counts]
side P [adc counts]

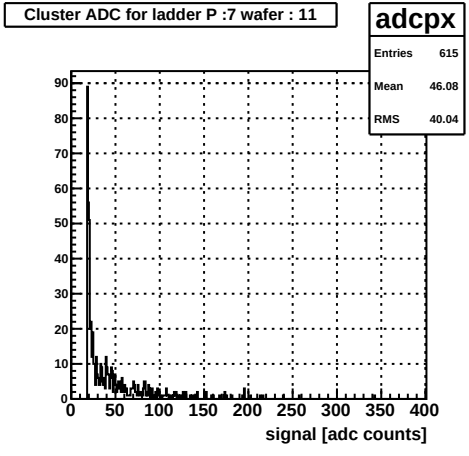

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 519
Mean 70.37
RMS 63.22
signal [adc counts]

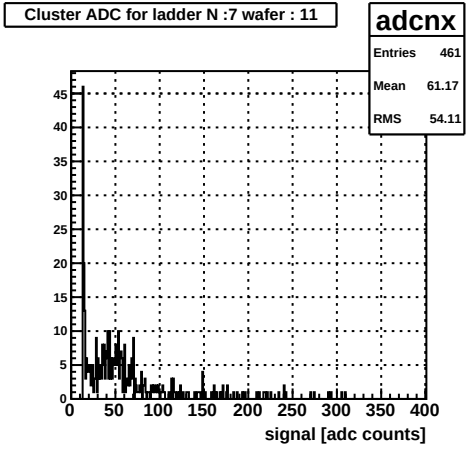

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 4878
Mean 40.66
RMS 47.35
signal [adc counts]

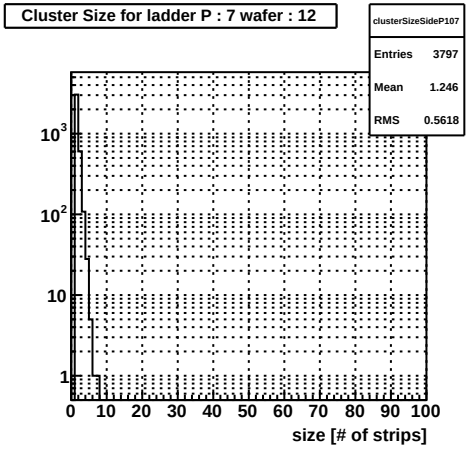

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 615
Mean 1.197
RMS 0.4619
size [# of strips]

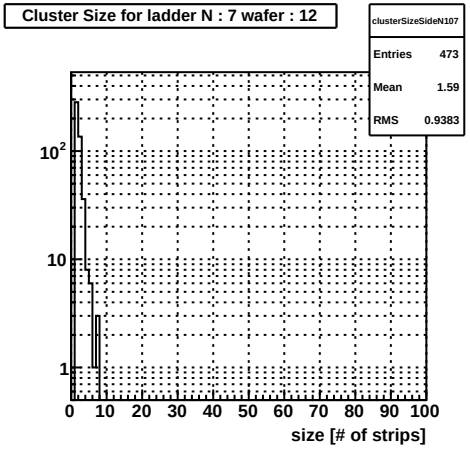

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 461
Mean 1.57
RMS 0.9043
size [# of strips]

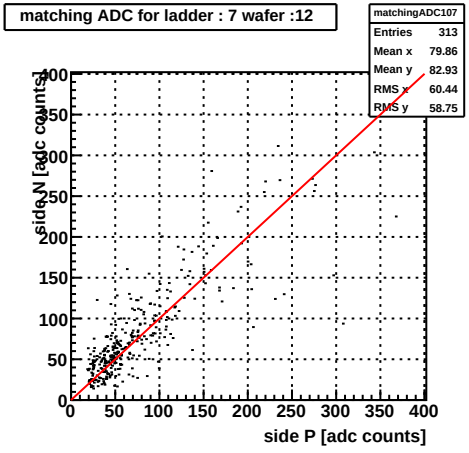

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

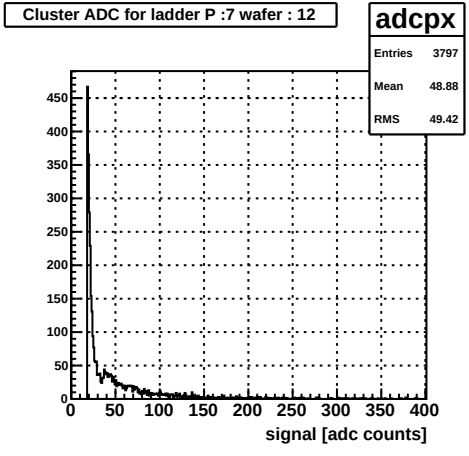

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 615
Mean 46.08
RMS 40.04
signal [adc counts]

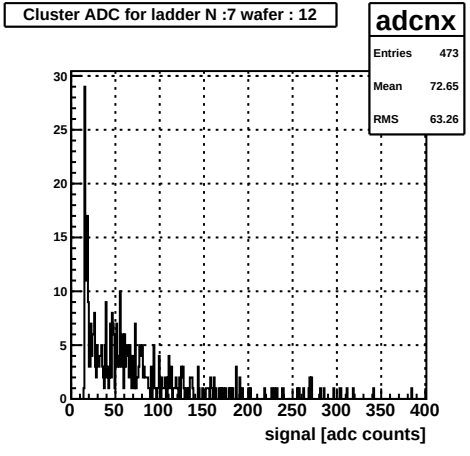

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 461
Mean 61.17
RMS 54.11
signal [adc counts]

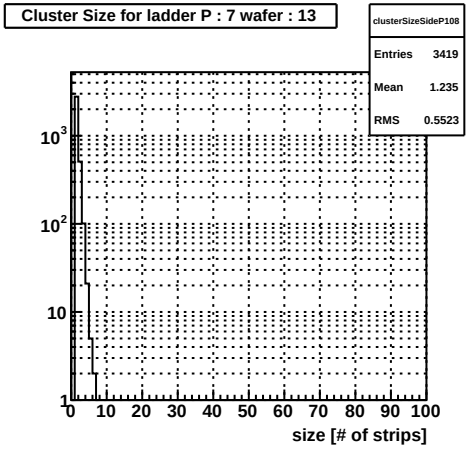

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 3797
Mean 1.246
RMS 0.5618
size [# of strips]

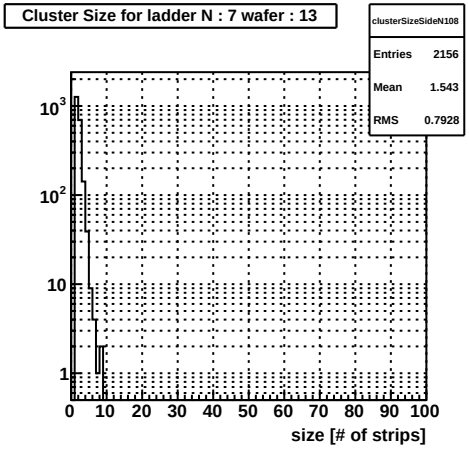

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 473
Mean 1.59
RMS 0.9383
size [# of strips]

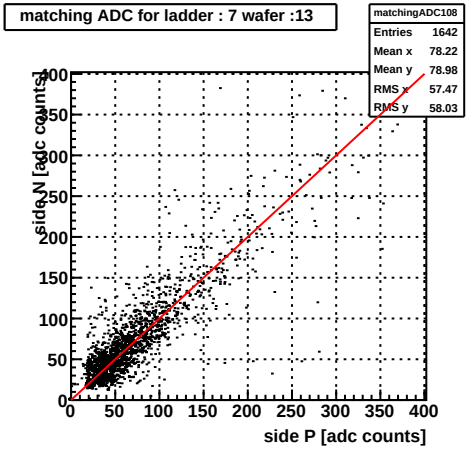

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 313
Mean x 79.86
Mean y 82.93
RMS x 60.44
RMS y 58.75
side N [adc counts]
side P [adc counts]

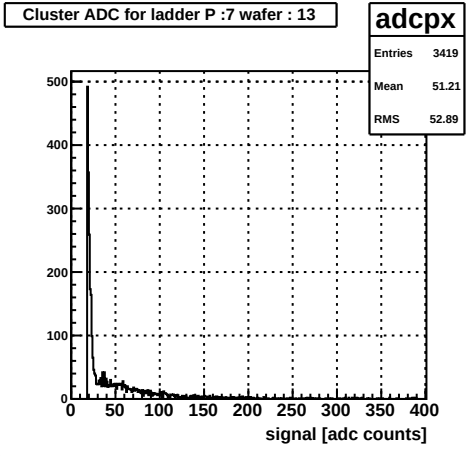

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 3797
Mean 48.88
RMS 49.42
signal [adc counts]

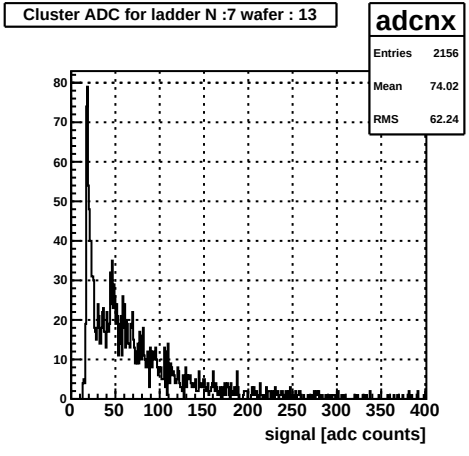

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 473
Mean 72.65
RMS 63.26
signal [adc counts]

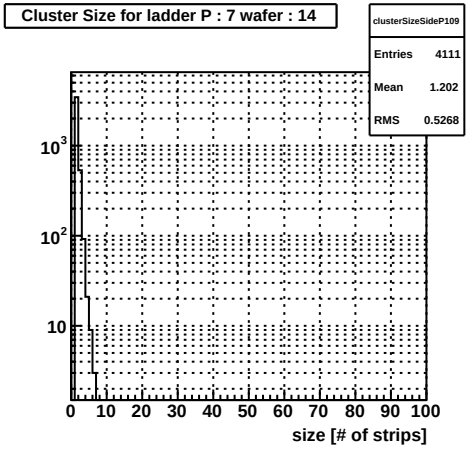

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3419
Mean 1.235
RMS 0.5523
size [# of strips]

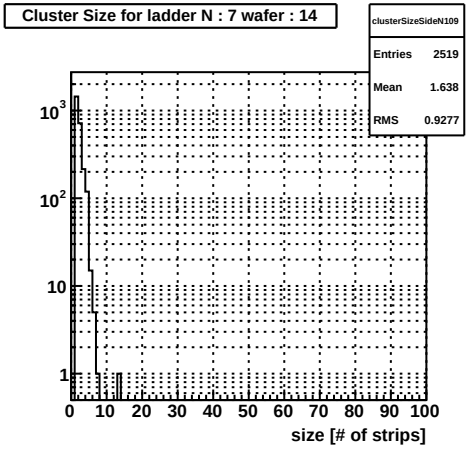

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2156
Mean 1.543
RMS 0.7928
size [# of strips]

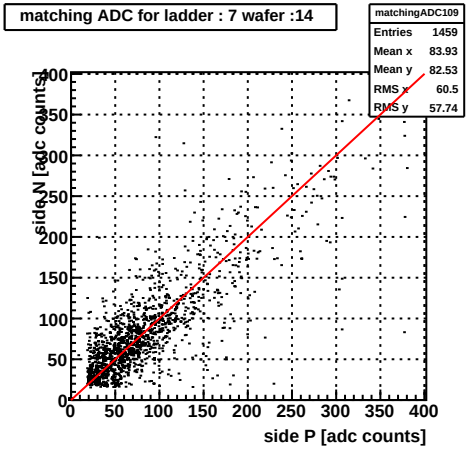

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1642
Mean x 78.22
Mean y 78.98
RMS x 57.47
RMS y 58.03
side N [adc counts]
side P [adc counts]

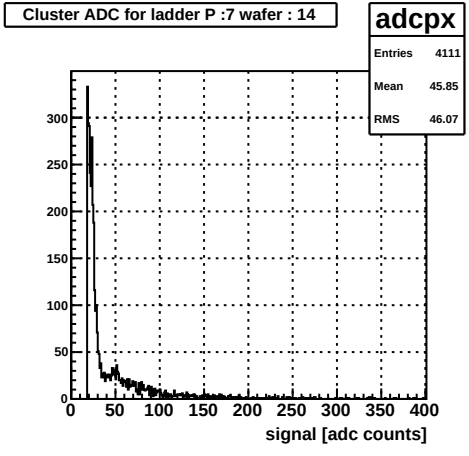

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3419
Mean 51.21
RMS 52.89
signal [adc counts]

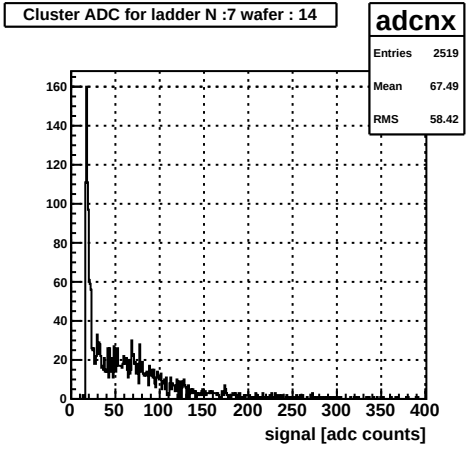

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2156
Mean 74.02
RMS 62.24
signal [adc counts]

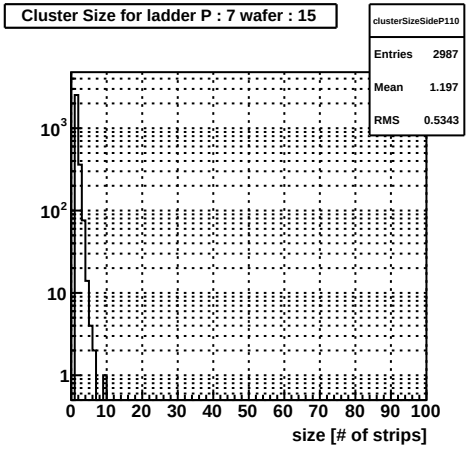

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 4111
Mean 1.202
RMS 0.5268
size [# of strips]

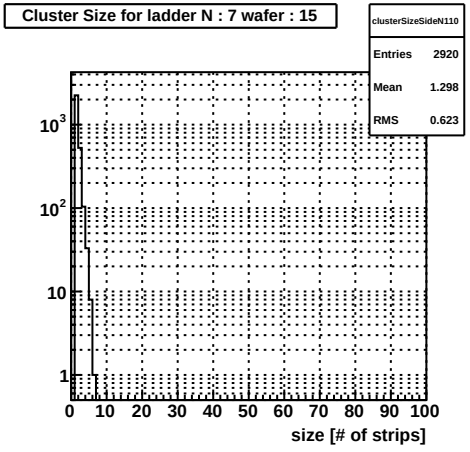

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2519
Mean 1.638
RMS 0.9277
size [# of strips]

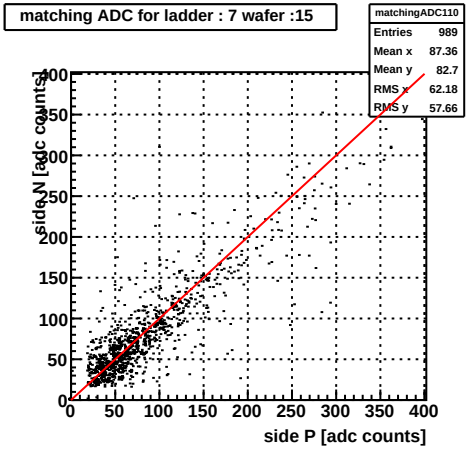

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1459
Mean x 83.93
Mean y 82.53
RMS x 60.5
RMS y 57.74
side N [adc counts]
side P [adc counts]

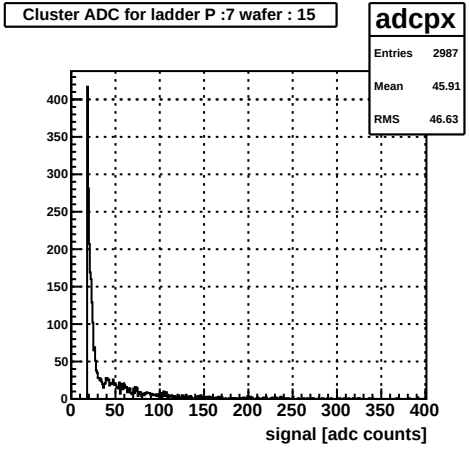

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 4111
Mean 45.85
RMS 46.07
signal [adc counts]

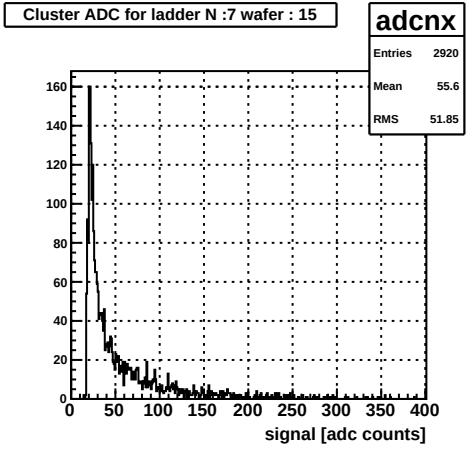

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2519
Mean 67.49
RMS 58.42
signal [adc counts]

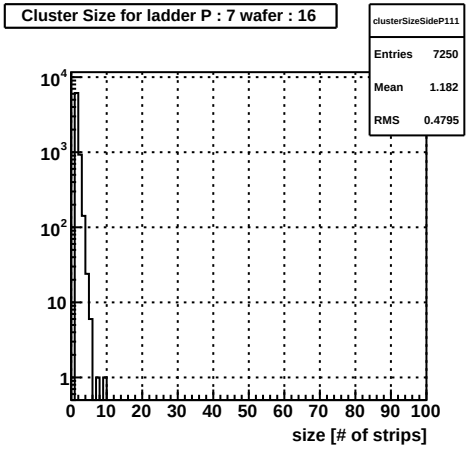

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2987
Mean 1.197
RMS 0.5343
size [# of strips]

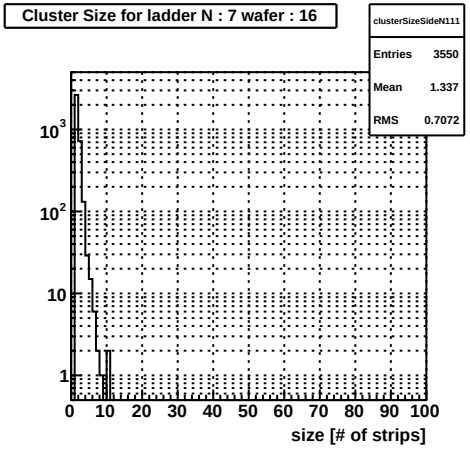

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2920
Mean 1.298
RMS 0.623
size [# of strips]

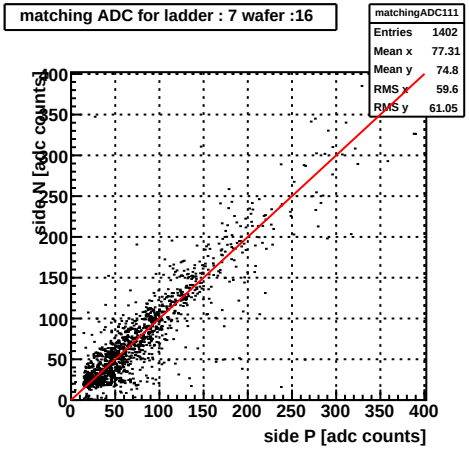

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 989
Mean x 87.36
Mean y 82.7
RMS x 62.18
RMS y 57.66
side N [adc counts]
side P [adc counts]

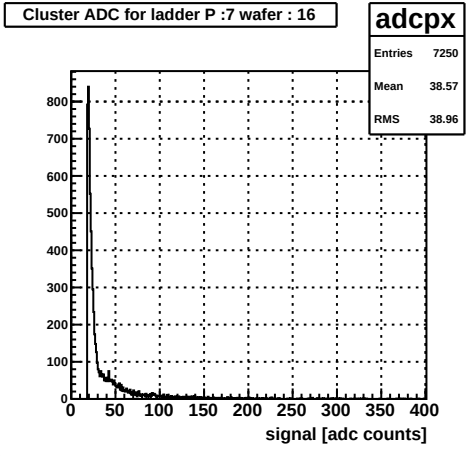

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2987
Mean 45.91
RMS 46.63
signal [adc counts]

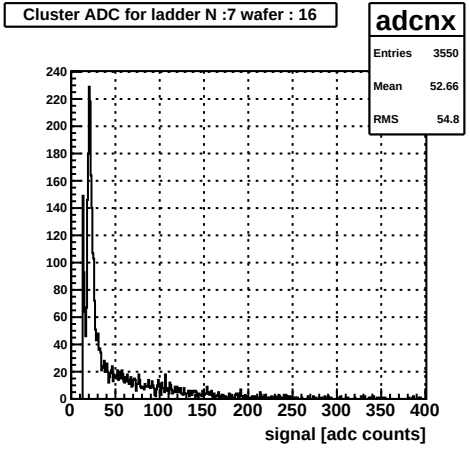

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2920
Mean 55.6
RMS 51.85
signal [adc counts]

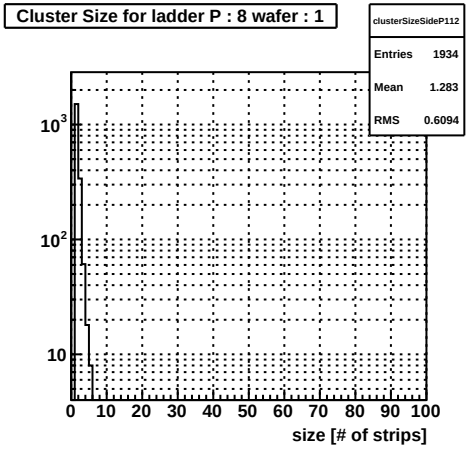

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 7250
Mean 1.182
RMS 0.4795
size [# of strips]

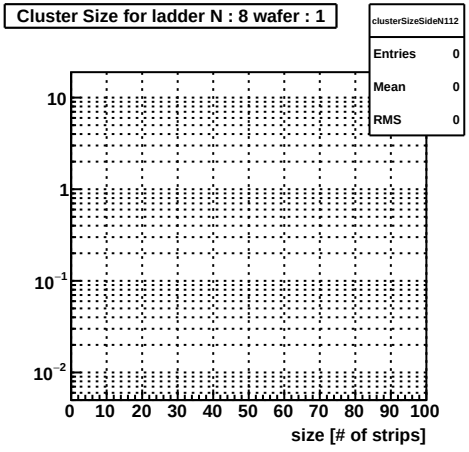

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3550
Mean 1.337
RMS 0.7072
size [# of strips]

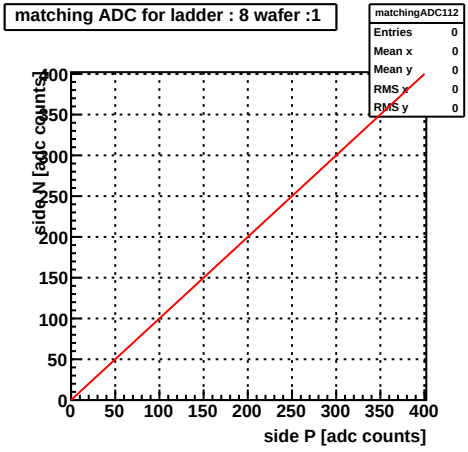

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1402
Mean x 77.31
Mean y 74.8
RMS x 59.6
RMS y 61.05
side N [adc counts]
side P [adc counts]

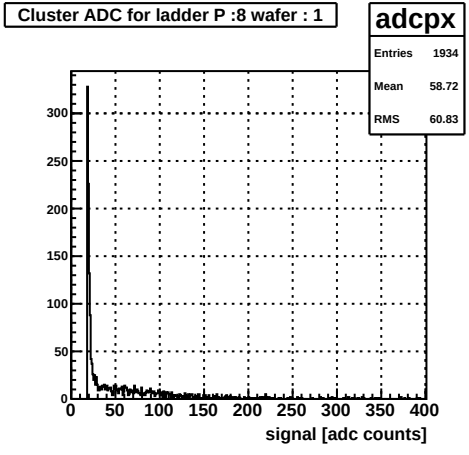

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 7250
Mean 38.57
RMS 38.96
signal [adc counts]

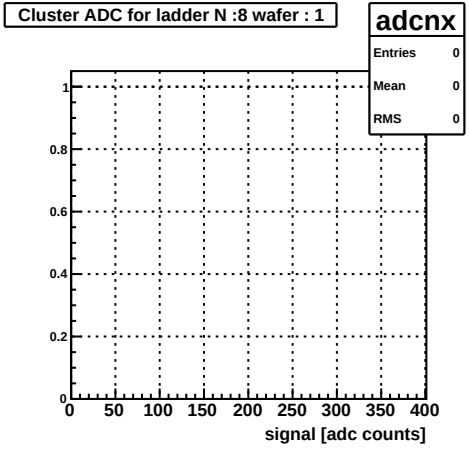

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3550
Mean 52.66
RMS 54.8
signal [adc counts]

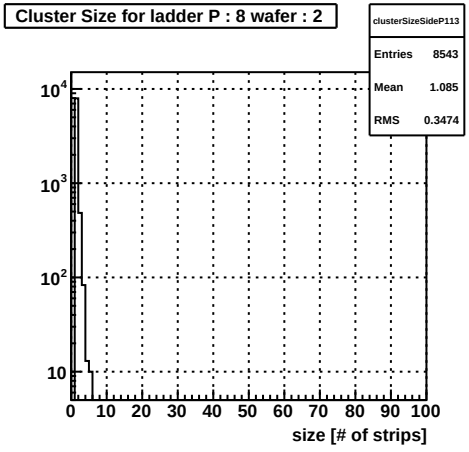

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1934
Mean 1.283
RMS 0.6094
size [# of strips]

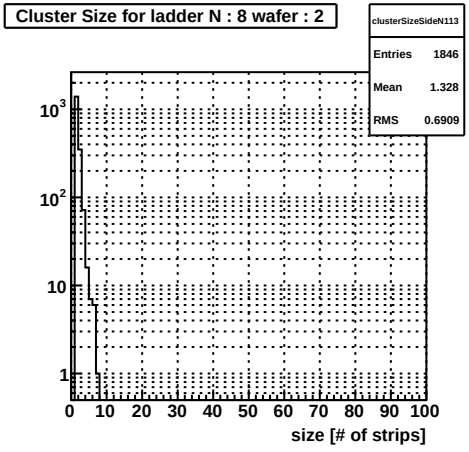

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

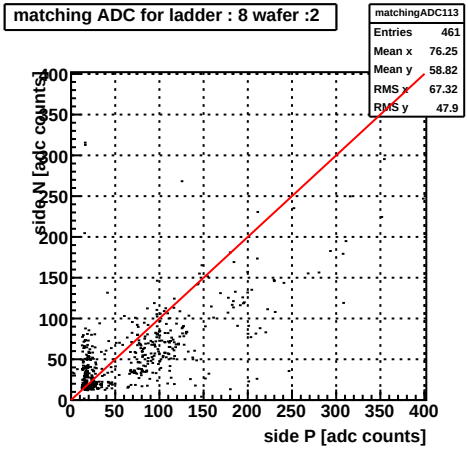

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

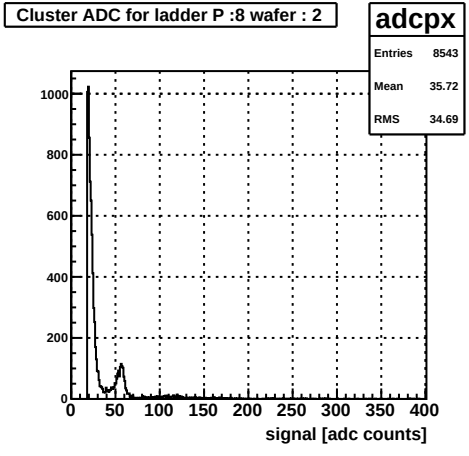

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1934
Mean 58.72
RMS 60.83
signal [adc counts]

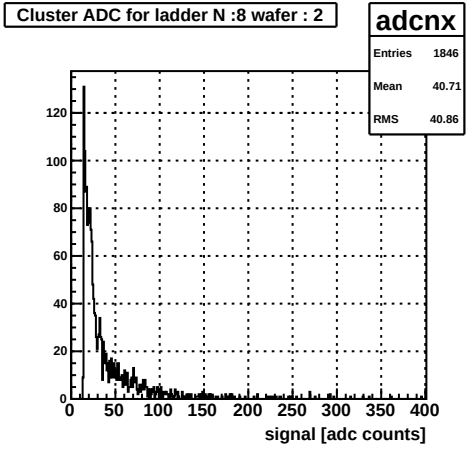

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

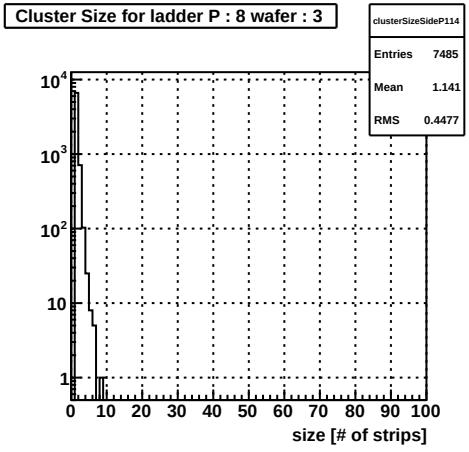

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8543
Mean 1.085
RMS 0.3474
size [# of strips]

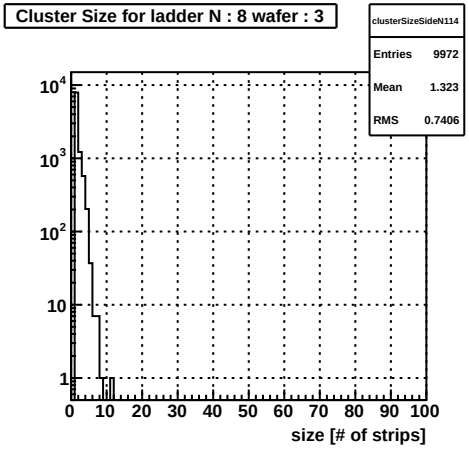

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1846
Mean 1.328
RMS 0.6909
size [# of strips]

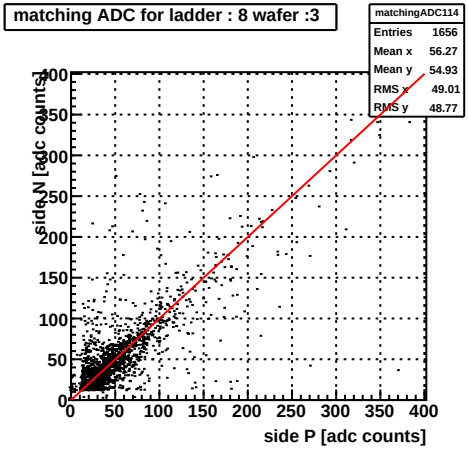

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 461
Mean x 76.25
Mean y 58.82
RMS x 67.32
RMS y 47.9
side N [adc counts]
side P [adc counts]

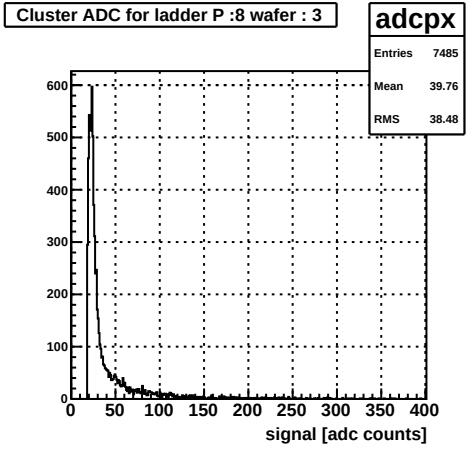

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8543
Mean 35.72
RMS 34.69
signal [adc counts]

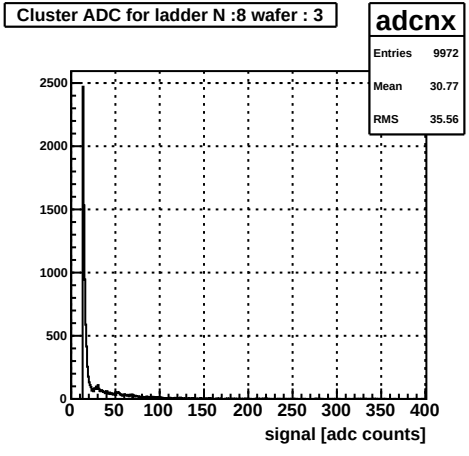

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1846
Mean 40.71
RMS 40.86
signal [adc counts]

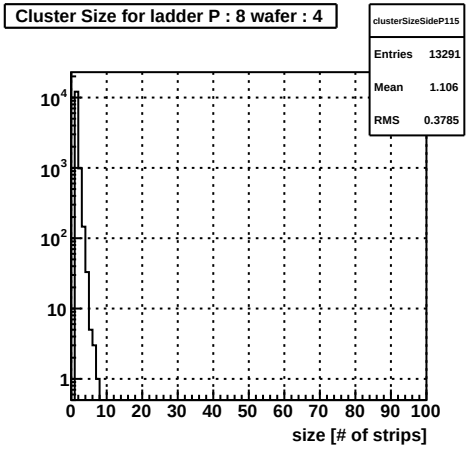

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7485
Mean 1.141
RMS 0.4477
size [# of strips]

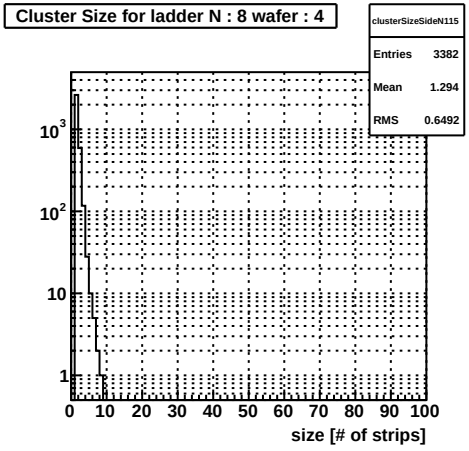

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 9972
Mean 1.323
RMS 0.7406
size [# of strips]

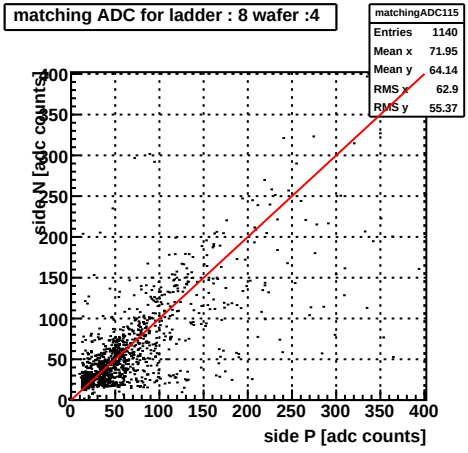

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1656
Mean x 56.27
Mean y 54.93
RMS x 49.01
RMS y 48.77
side N [adc counts]
side P [adc counts]

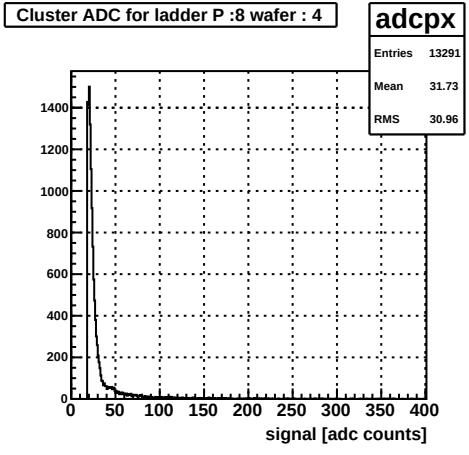

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7485
Mean 39.76
RMS 38.48
signal [adc counts]

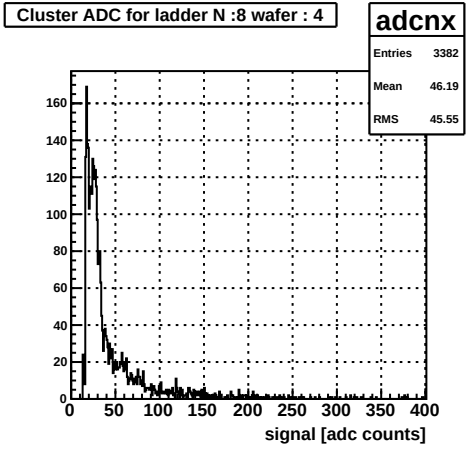

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 9972
Mean 30.77
RMS 35.56
signal [adc counts]

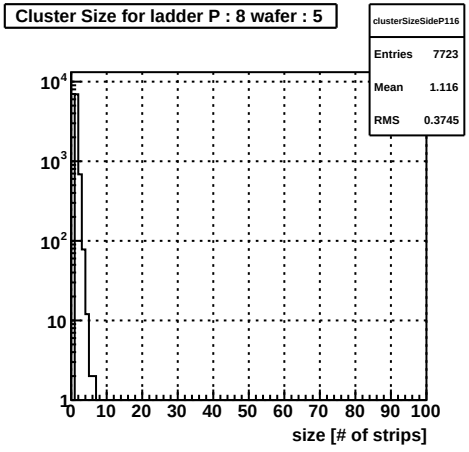

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 13291
Mean 1.106
RMS 0.3785
size [# of strips]

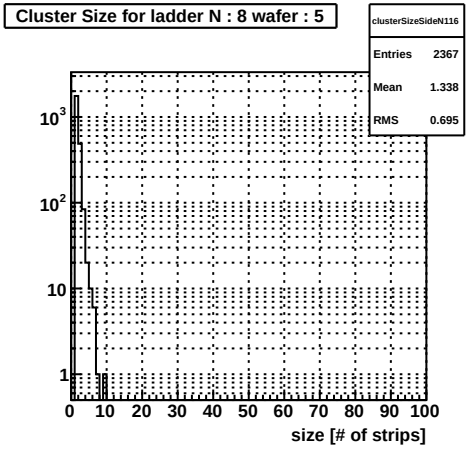

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3382
Mean 1.294
RMS 0.6492
size [# of strips]

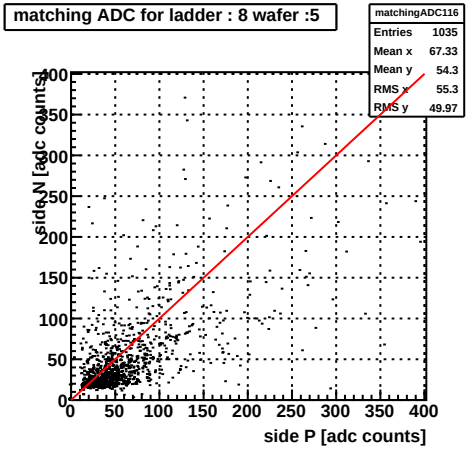

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1140
Mean x 71.95
Mean y 64.14
RMS x 62.9
RMS y 55.37
side N [adc counts]
side P [adc counts]

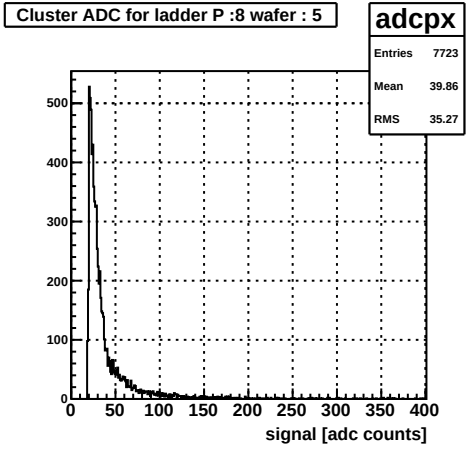

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 13291
Mean 31.73
RMS 30.96
signal [adc counts]

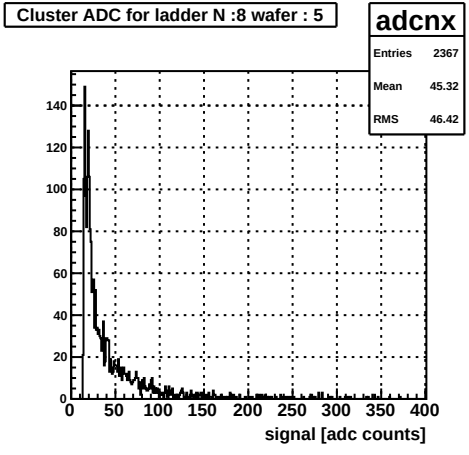

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3382
Mean 46.19
RMS 45.55
signal [adc counts]

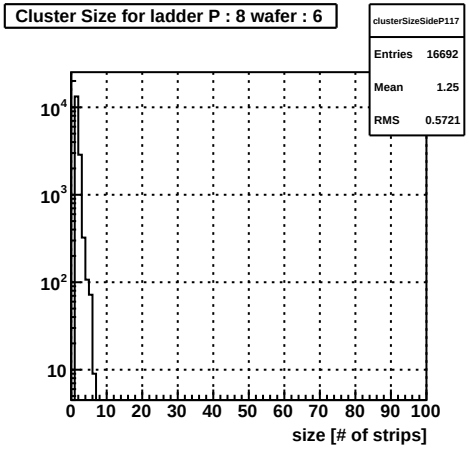

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7723
Mean 1.116
RMS 0.3745
size [# of strips]

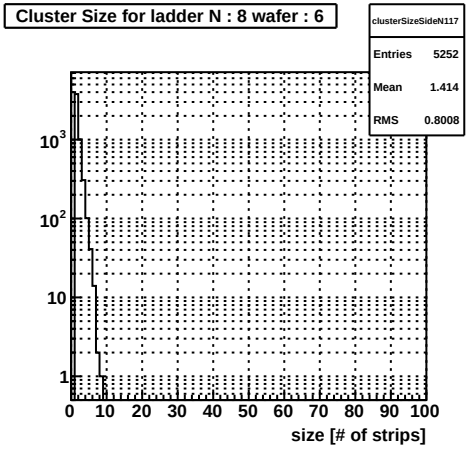

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2367
Mean 1.338
RMS 0.695
size [# of strips]

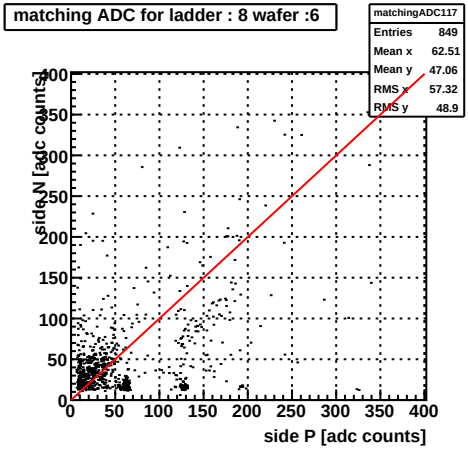

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1035
Mean x 67.33
Mean y 54.3
RMS x 55.3
RMS y 49.97
side N [adc counts]
side P [adc counts]

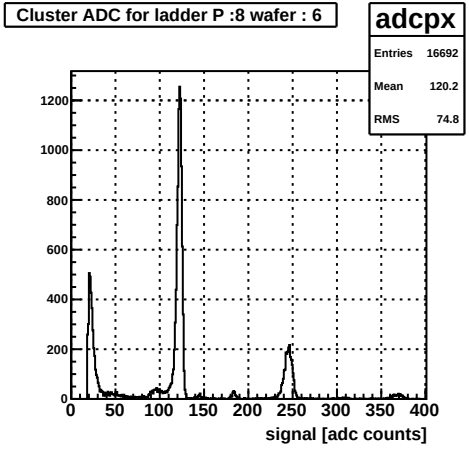

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7723
Mean 39.86
RMS 35.27
signal [adc counts]

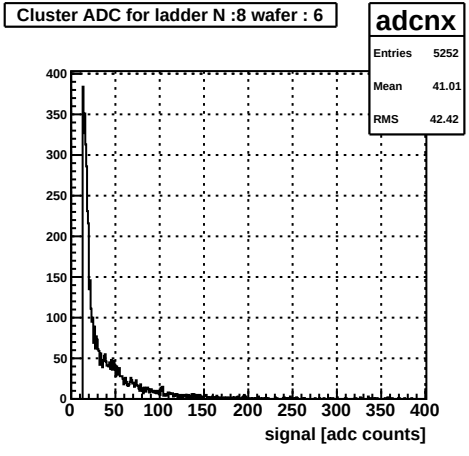

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2367
Mean 45.32
RMS 46.42
signal [adc counts]

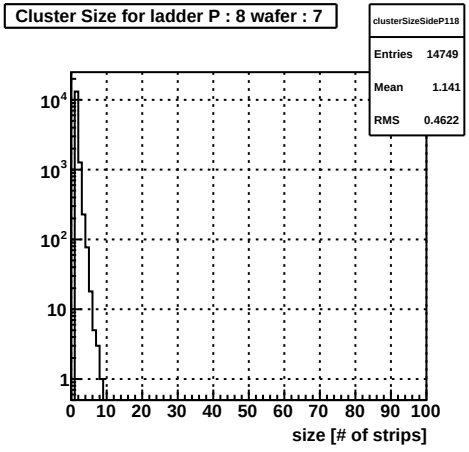

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 16692
Mean 1.25
RMS 0.5721
size [# of strips]

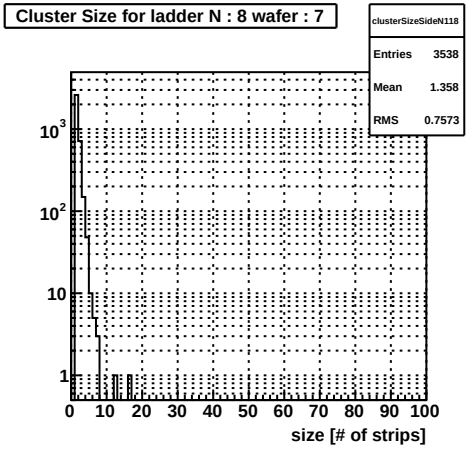

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5252
Mean 1.414
RMS 0.8008
size [# of strips]

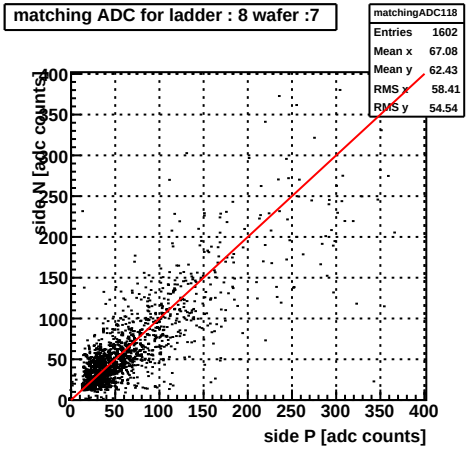

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 849
Mean x 62.51
Mean y 47.06
RMS x 57.32
RMS y 48.9
side N [adc counts]
side P [adc counts]

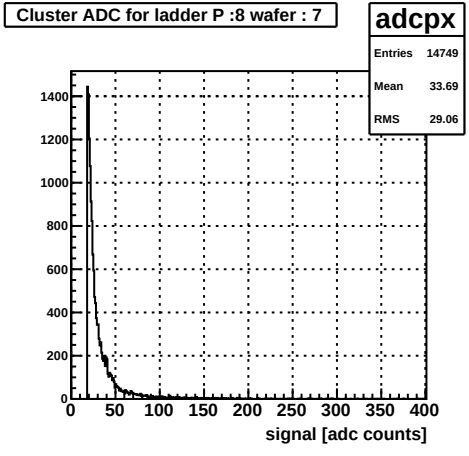

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 16692
Mean 120.2
RMS 74.8
signal [adc counts]

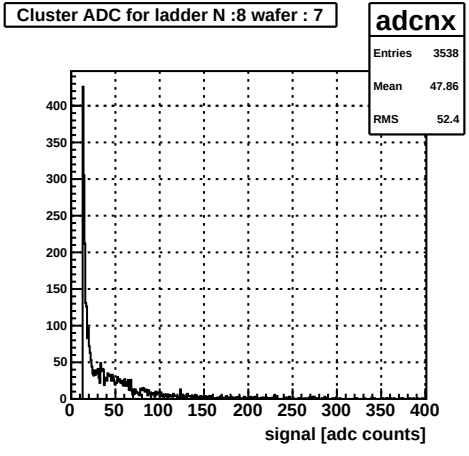

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5252
Mean 41.01
RMS 42.42
signal [adc counts]

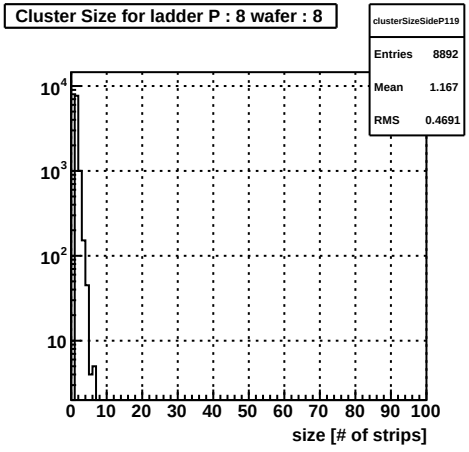

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14749
Mean 1.141
RMS 0.4622
size [# of strips]

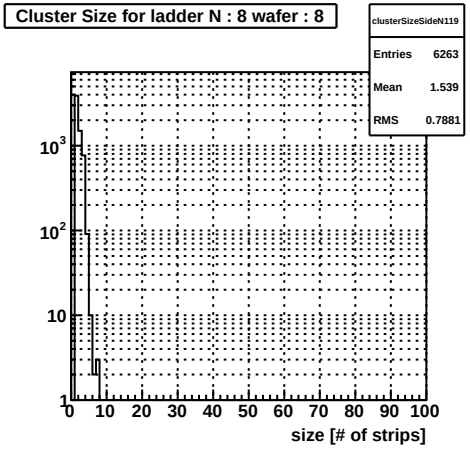

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3538
Mean 1.358
RMS 0.7573
size [# of strips]

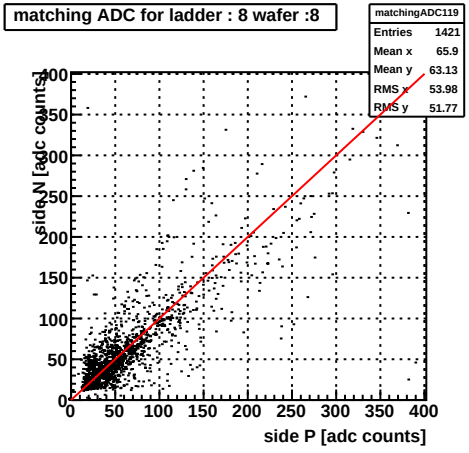

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1602
Mean x 67.08
Mean y 62.43
RMS x 58.41
RMS y 54.54
side N [adc counts]
side P [adc counts]

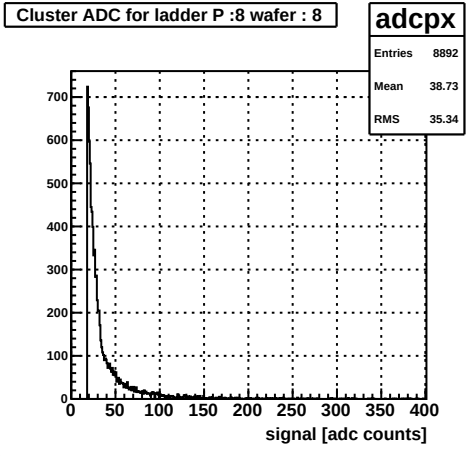

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14749
Mean 33.69
RMS 29.06
signal [adc counts]

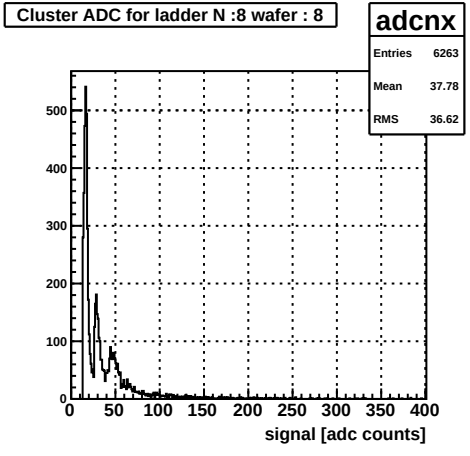

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3538
Mean 47.86
RMS 52.4
signal [adc counts]

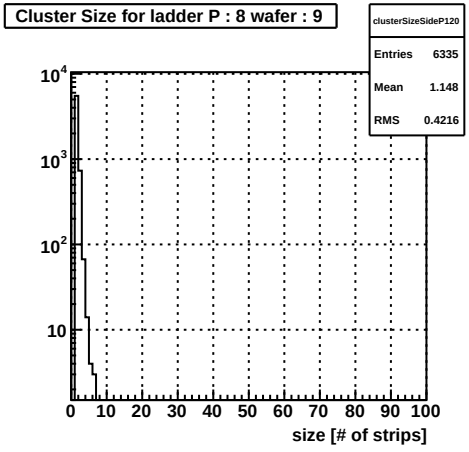

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8892
Mean 1.167
RMS 0.4691
size [# of strips]

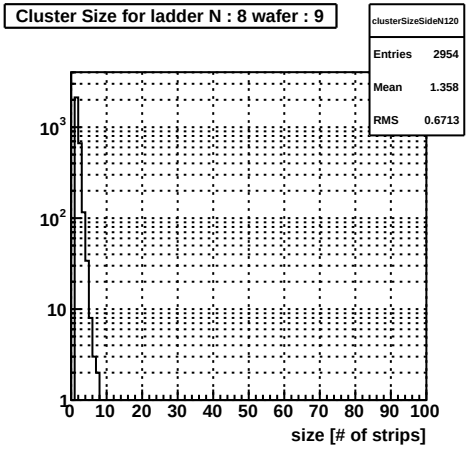

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 6263
Mean 1.539
RMS 0.7881
size [# of strips]

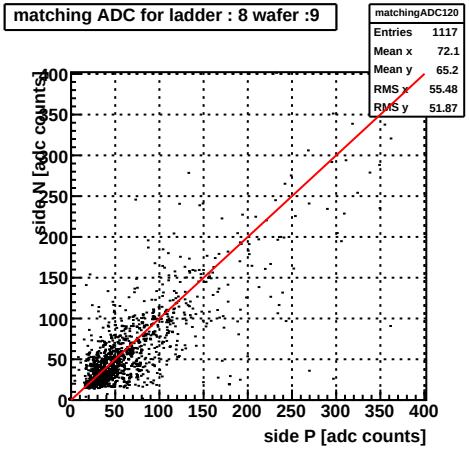

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1421
Mean x 65.9
Mean y 63.13
RMS x 53.98
RMS y 51.77
side N [adc counts]
side P [adc counts]

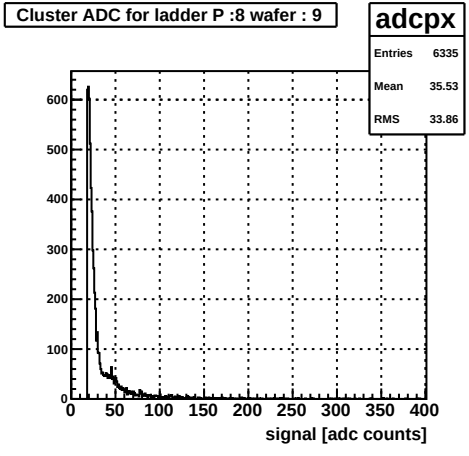

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8892
Mean 38.73
RMS 35.34
signal [adc counts]

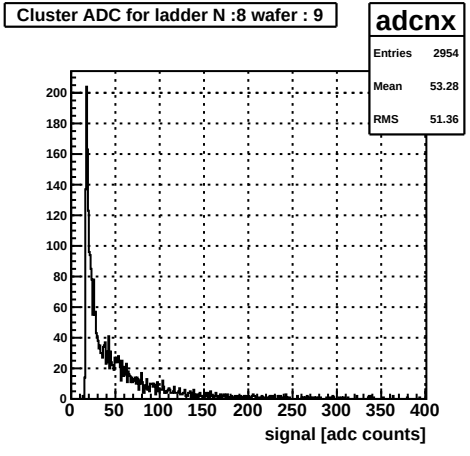

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 6263
Mean 37.78
RMS 36.62
signal [adc counts]

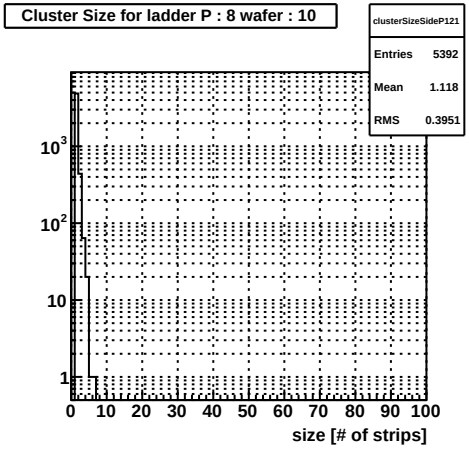

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6335
Mean 1.148
RMS 0.4216
size [# of strips]

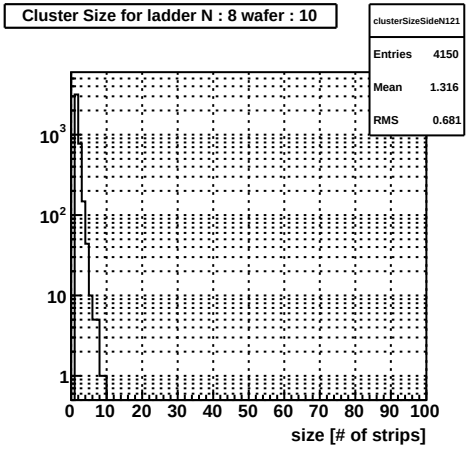

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2954
Mean 1.358
RMS 0.6713
size [# of strips]

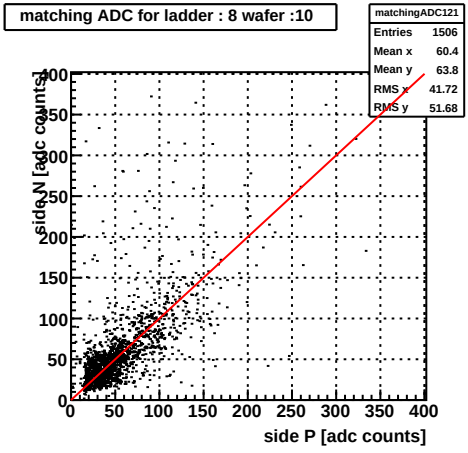

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1117
Mean x 72.1
Mean y 65.2
RMS x 55.48
RMS y 51.87
side N [adc counts]
side P [adc counts]

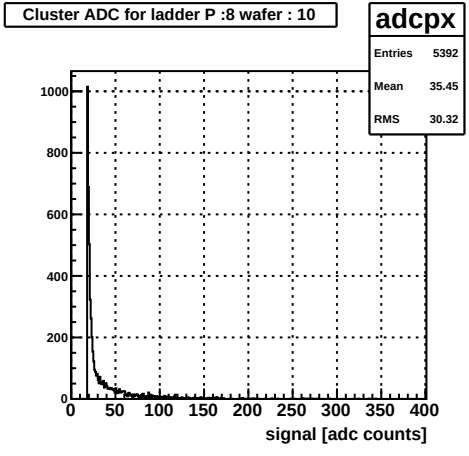

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6335
Mean 35.53
RMS 33.86
signal [adc counts]

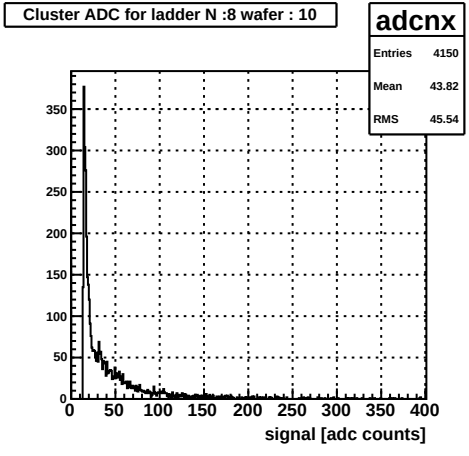

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2954
Mean 53.28
RMS 51.36
signal [adc counts]

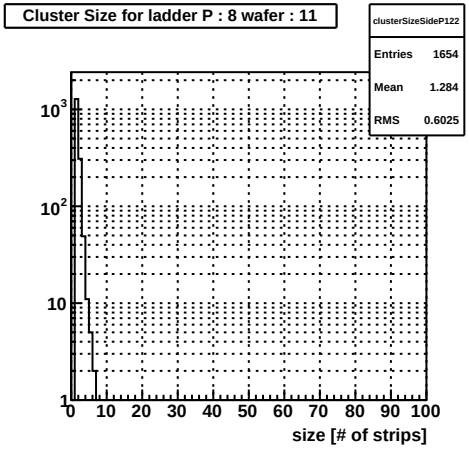

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5392
Mean 1.118
RMS 0.3951
size [# of strips]

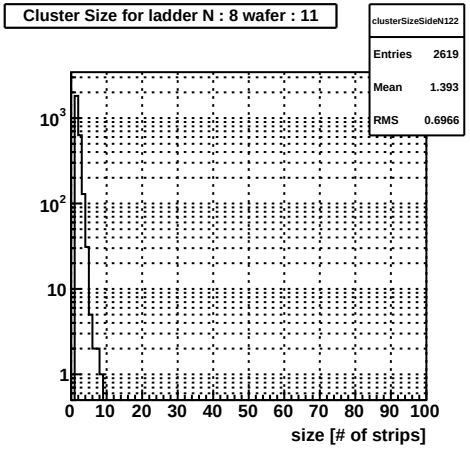

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4150
Mean 1.316
RMS 0.681
size [# of strips]

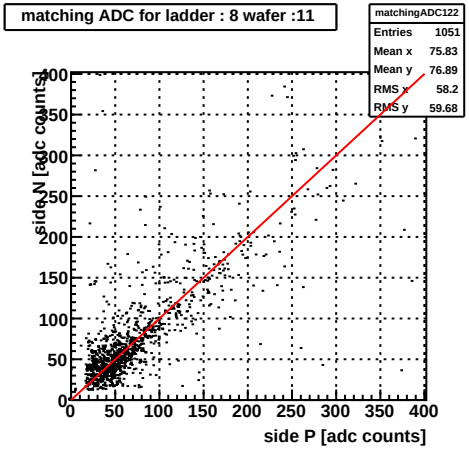

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1506
Mean x 60.4
Mean y 63.8
RMS x 41.72
RMS y 51.68
side N [adc counts]
side P [adc counts]

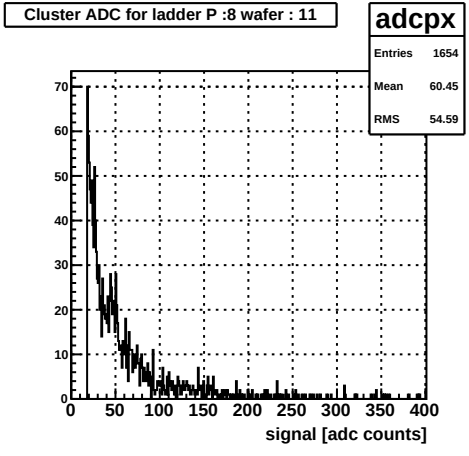

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5392
Mean 35.45
RMS 30.32
signal [adc counts]

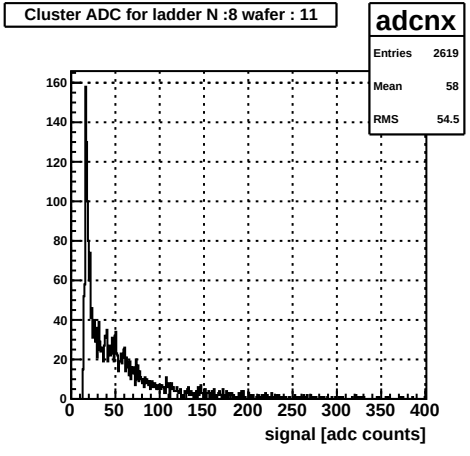

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4150
Mean 43.82
RMS 45.54
signal [adc counts]

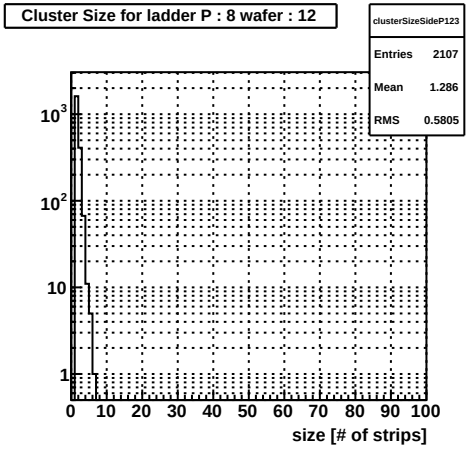

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1654
Mean 1.284
RMS 0.6025
size [# of strips]

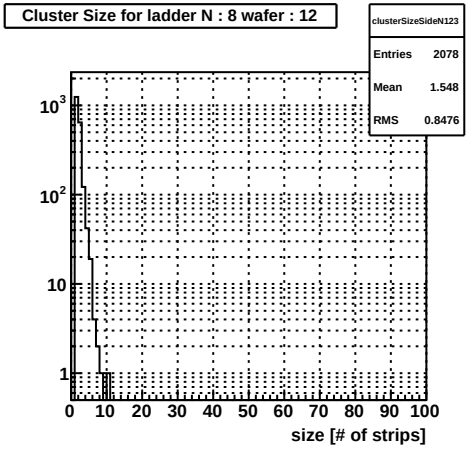

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2619
Mean 1.393
RMS 0.6966
size [# of strips]

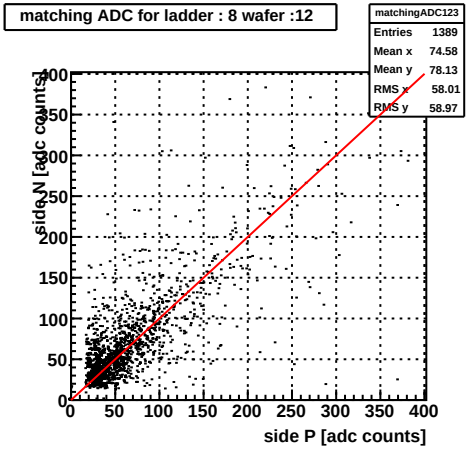

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1051
Mean x 75.83
Mean y 76.89
RMS x 58.2
RMS y 59.68
side N [adc counts]
side P [adc counts]

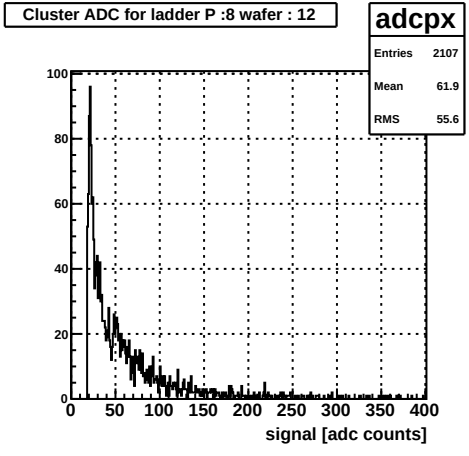

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1654
Mean 60.45
RMS 54.59
signal [adc counts]

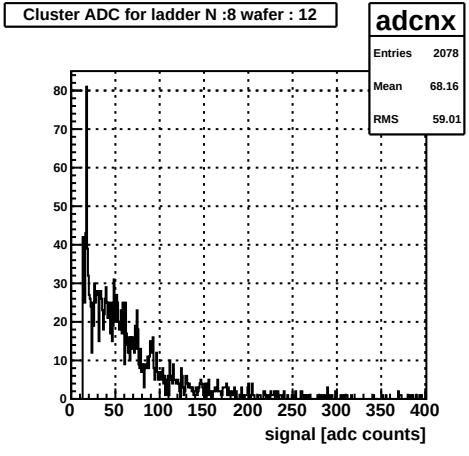

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2619
Mean 58
RMS 54.5
signal [adc counts]

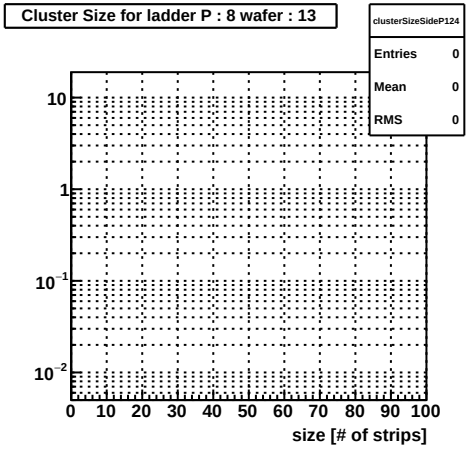

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2107
Mean 1.286
RMS 0.5805
size [# of strips]

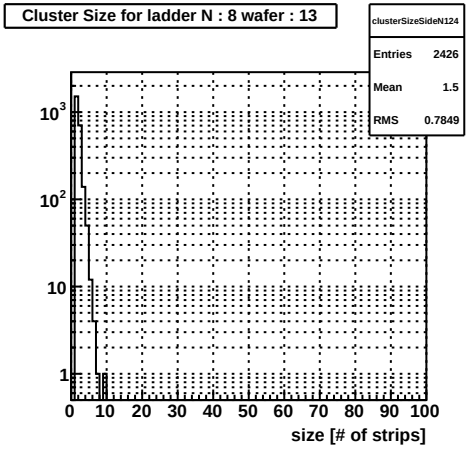

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2078
Mean 1.548
RMS 0.8476
size [# of strips]

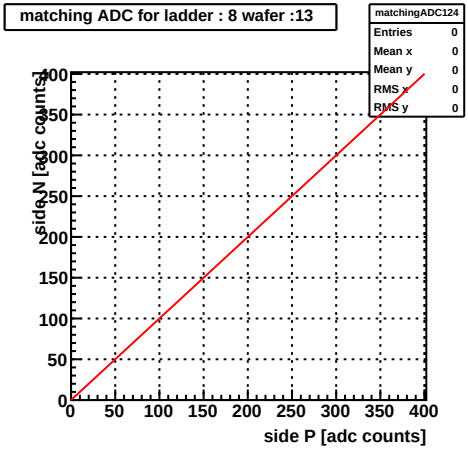

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1389
Mean x 74.58
Mean y 78.13
RMS x 58.01
RMS y 58.97
side N [adc counts]
side P [adc counts]

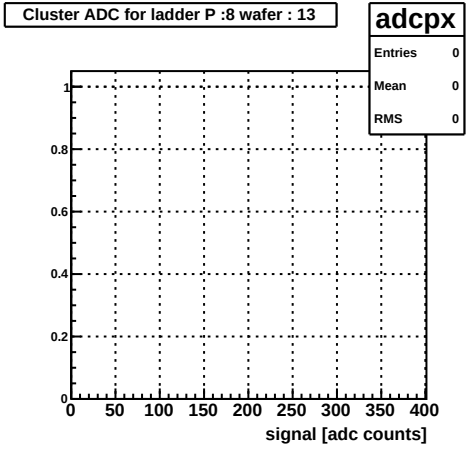

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2107
Mean 61.9
RMS 55.6
signal [adc counts]

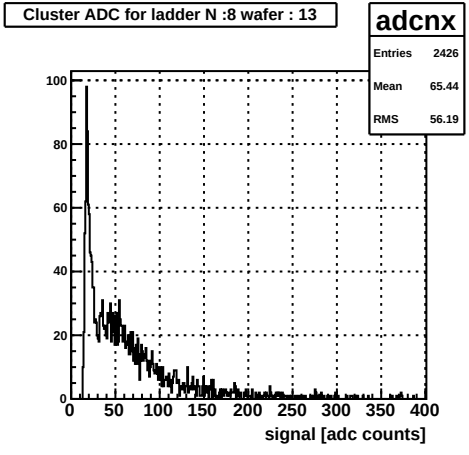

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2078
Mean 68.16
RMS 59.01
signal [adc counts]

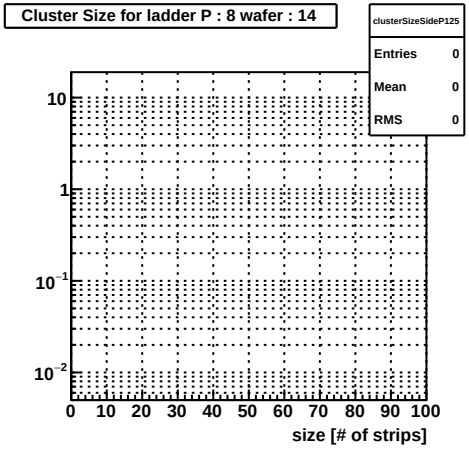

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

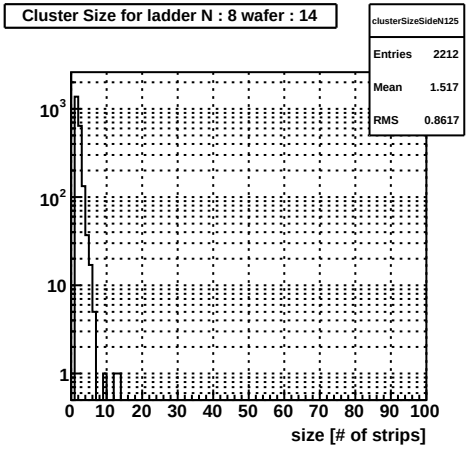

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2426
Mean 1.5
RMS 0.7849
size [# of strips]

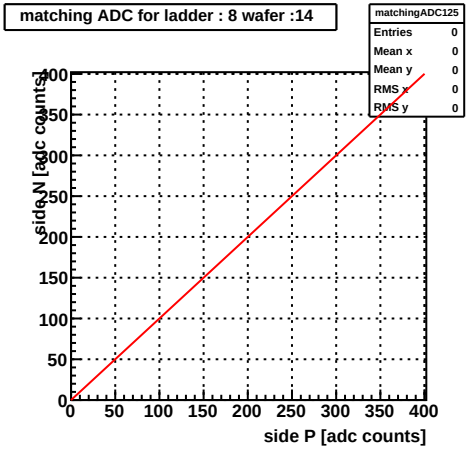

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

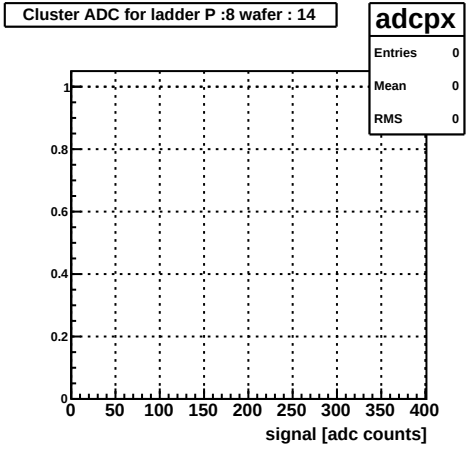

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

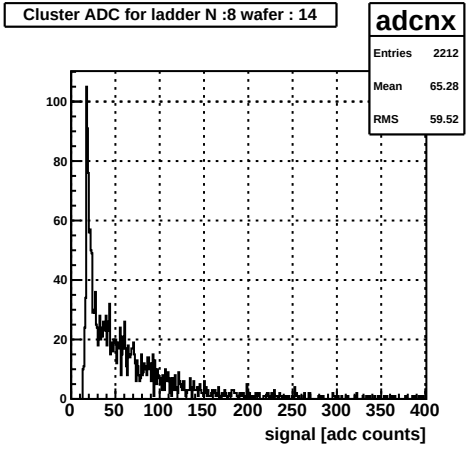

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2426
Mean 65.44
RMS 56.19
signal [adc counts]

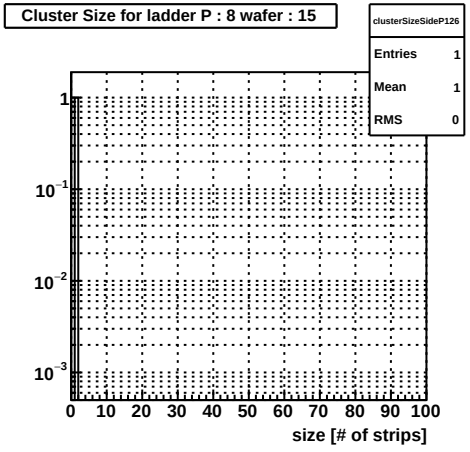

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

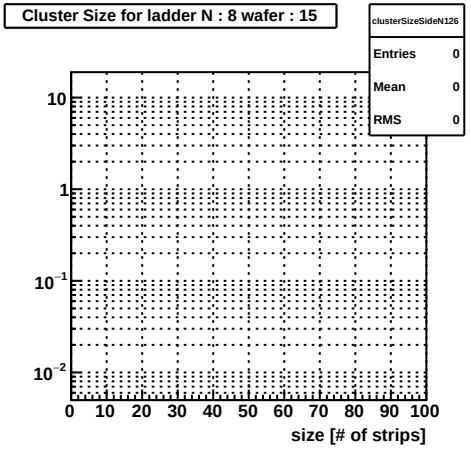

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2212
Mean 1.517
RMS 0.8617
size [# of strips]

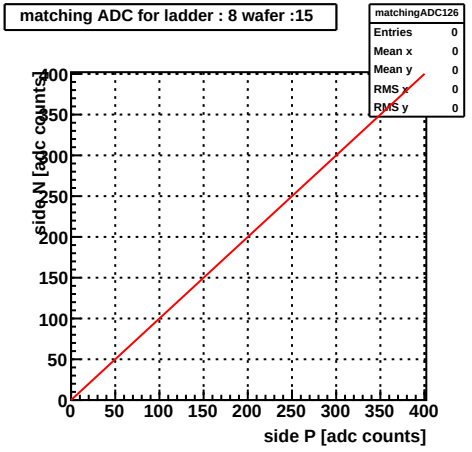

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

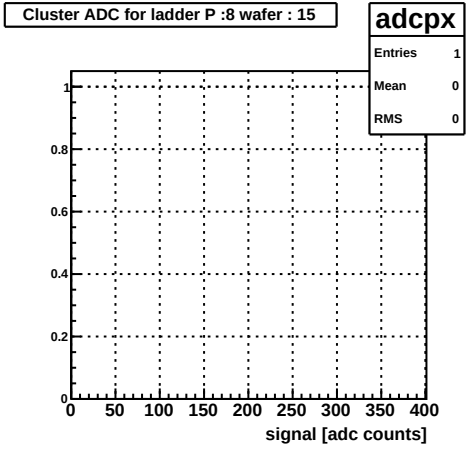

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

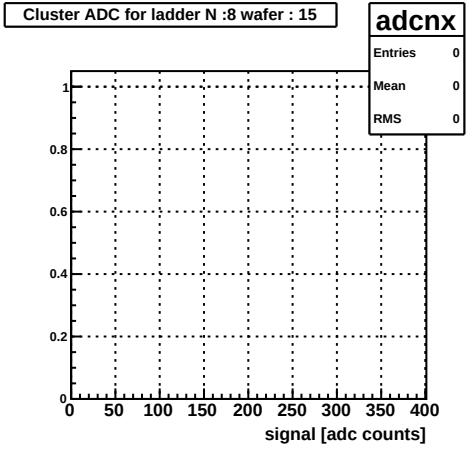

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2212
Mean 65.28
RMS 59.52
signal [adc counts]

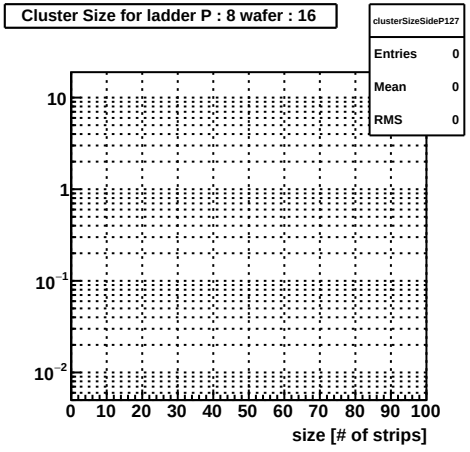

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

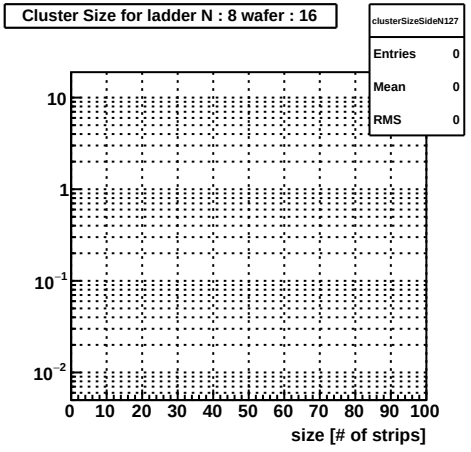

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

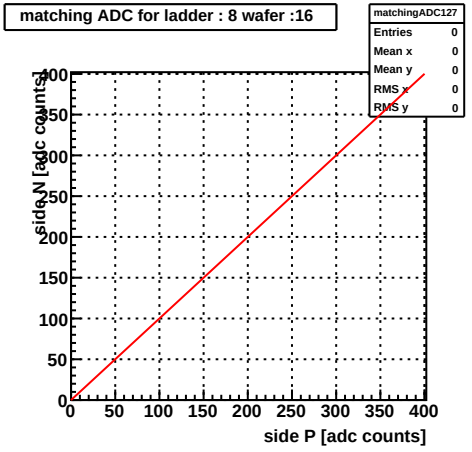

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

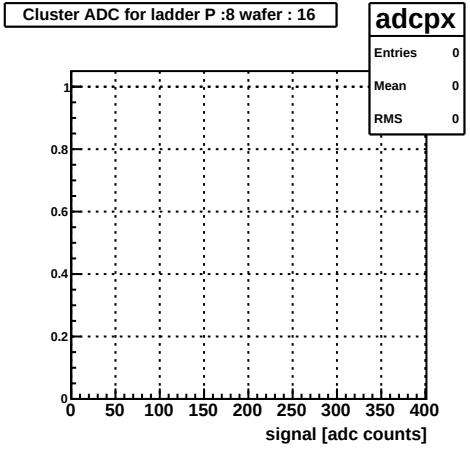

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

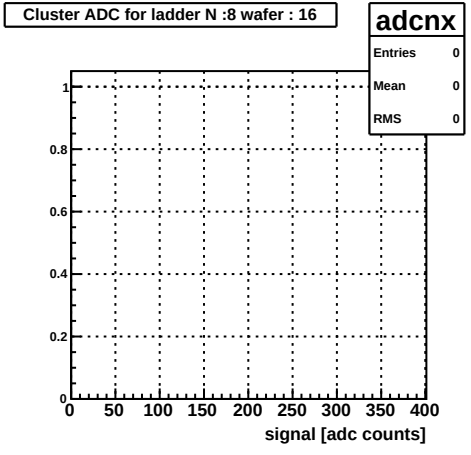

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

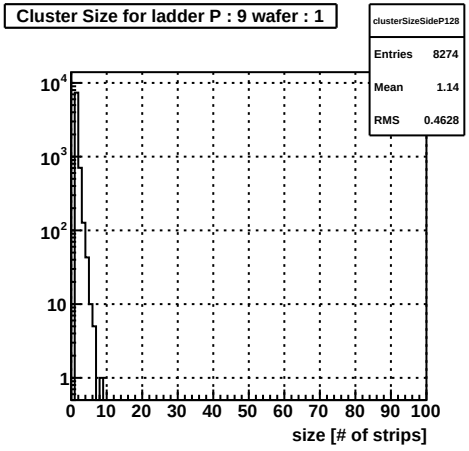

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

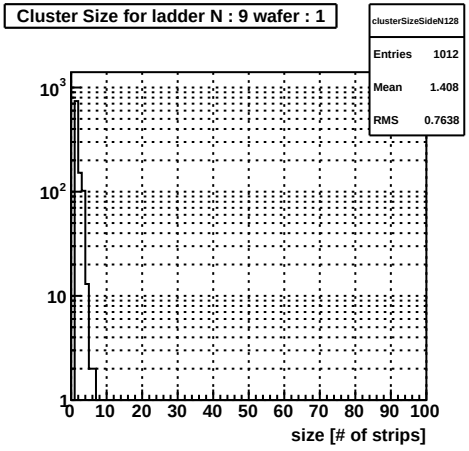

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

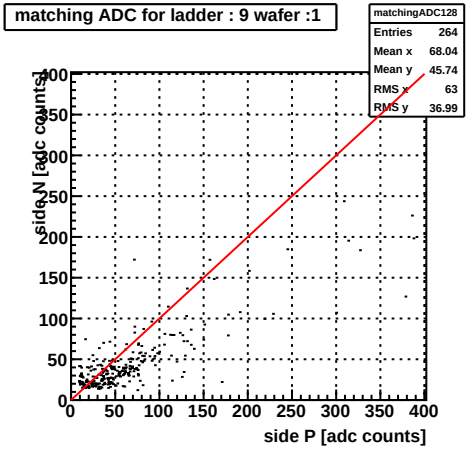

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

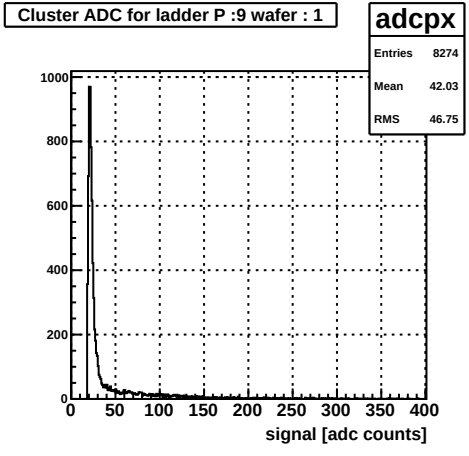

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

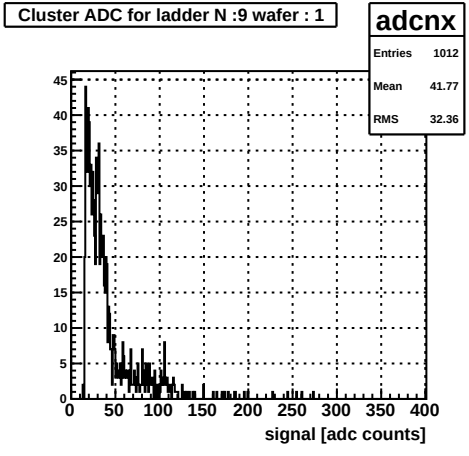

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

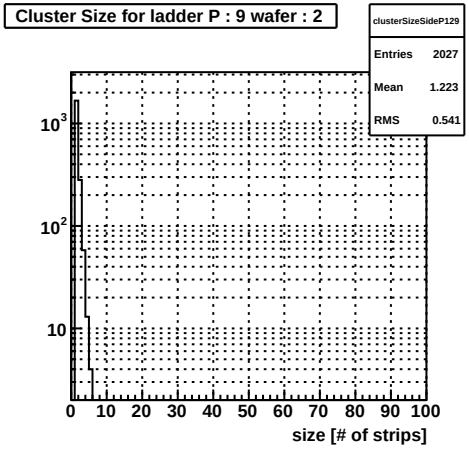

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8274
Mean 1.14
RMS 0.4628
size [# of strips]

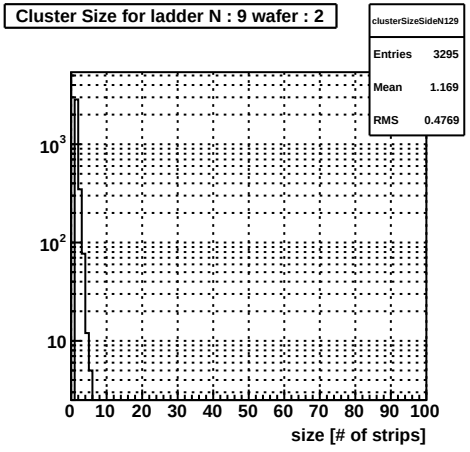

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1012
Mean 1.408
RMS 0.7638
size [# of strips]

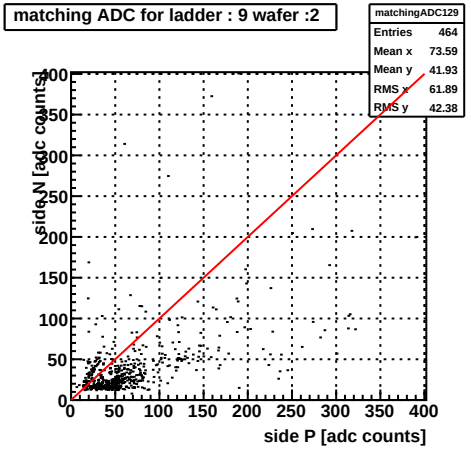

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 264
Mean x 68.04
Mean y 45.74
RMS x 63
RMS y 36.99
side N [adc counts]
side P [adc counts]

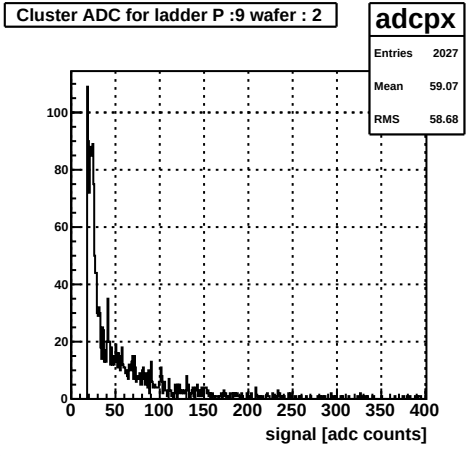

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8274
Mean 42.03
RMS 46.75
signal [adc counts]

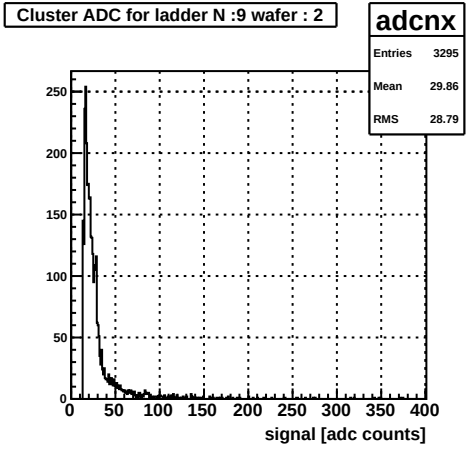

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1012
Mean 41.77
RMS 32.36
signal [adc counts]

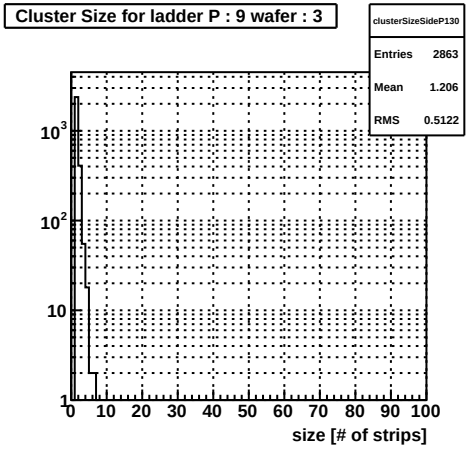

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2027
Mean 1.223
RMS 0.541
size [# of strips]

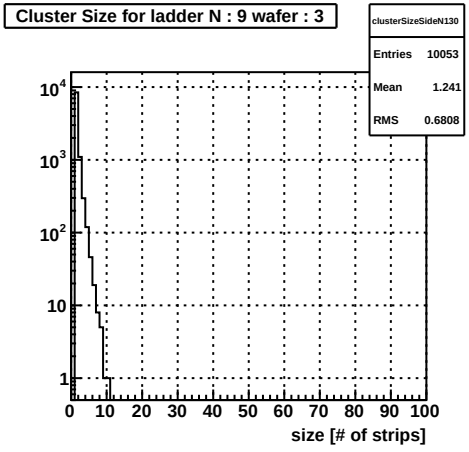

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3295
Mean 1.169
RMS 0.4769
size [# of strips]

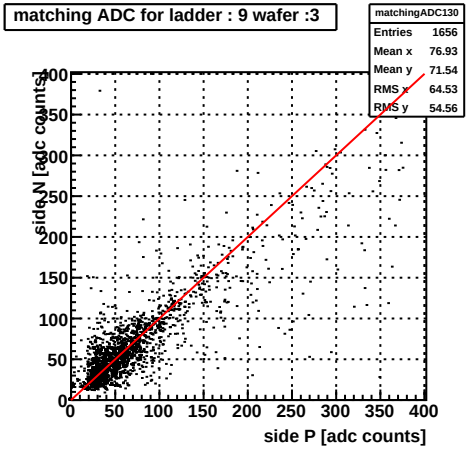

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 464
Mean x 73.59
Mean y 41.93
RMS x 61.89
RMS y 42.38
side N [adc counts]
side P [adc counts]

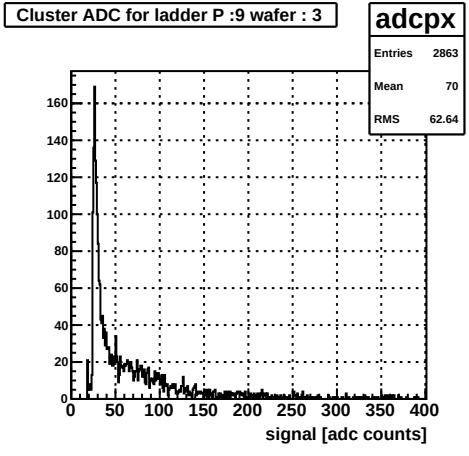

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2027
Mean 59.07
RMS 58.68
signal [adc counts]

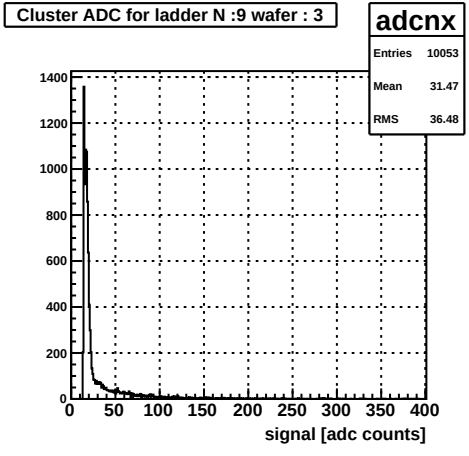

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3295
Mean 29.86
RMS 28.79
signal [adc counts]

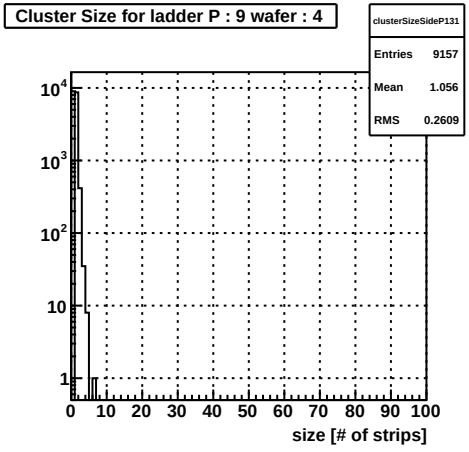

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2863
Mean 1.206
RMS 0.5122
size [# of strips]

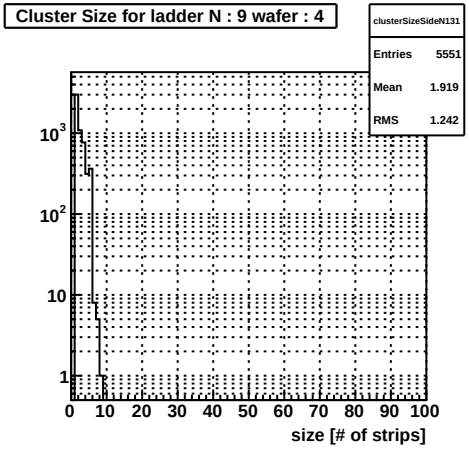

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 10053
Mean 1.241
RMS 0.6808
size [# of strips]

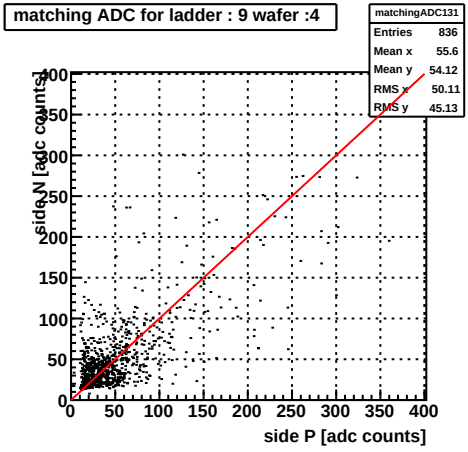

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1656
Mean x 76.93
Mean y 71.54
RMS x 64.53
RMS y 54.56
side N [adc counts]
side P [adc counts]

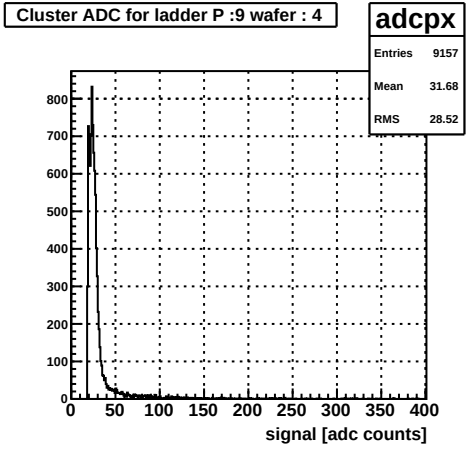

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2863
Mean 70
RMS 62.64
signal [adc counts]

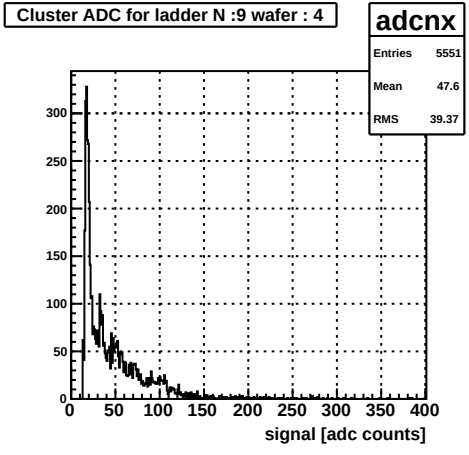

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 10053
Mean 31.47
RMS 36.48
signal [adc counts]

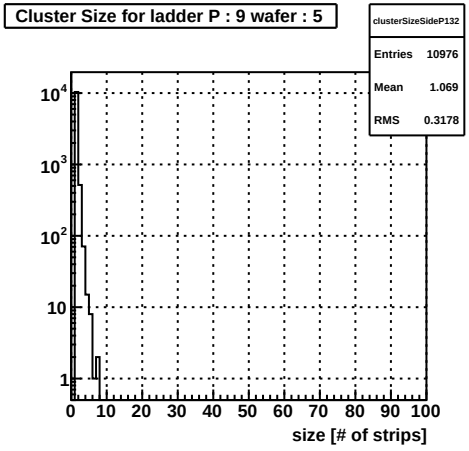

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 9157
Mean 1.056
RMS 0.2609
size [# of strips]

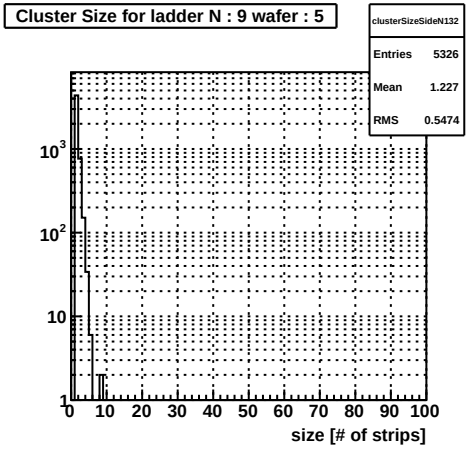

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5551
Mean 1.919
RMS 1.242
size [# of strips]

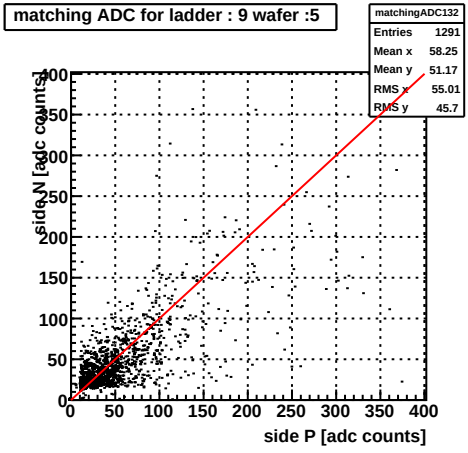

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 836
Mean x 55.6
Mean y 54.12
RMS x 50.11
RMS y 45.13
side N [adc counts]
side P [adc counts]

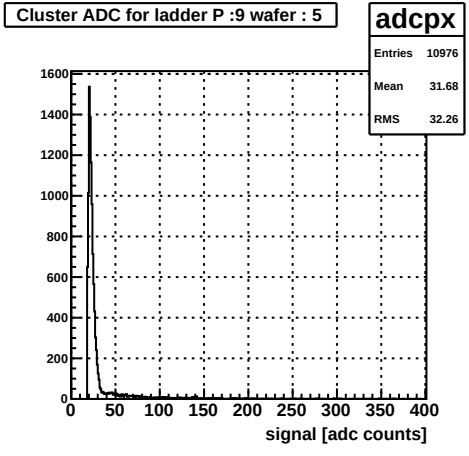

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 9157
Mean 31.68
RMS 28.52
signal [adc counts]

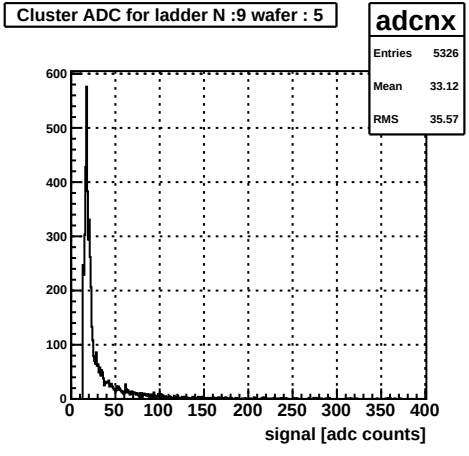

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5551
Mean 47.6
RMS 39.37
signal [adc counts]

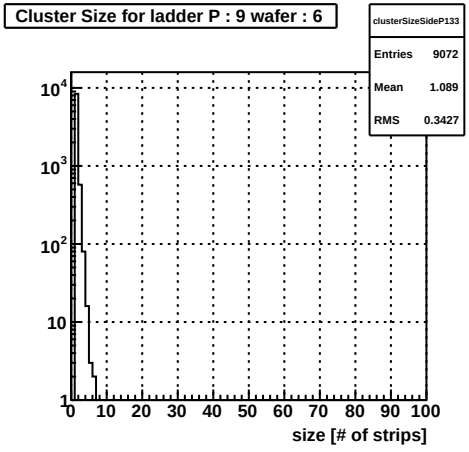

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 10976
Mean 1.069
RMS 0.3178
size [# of strips]

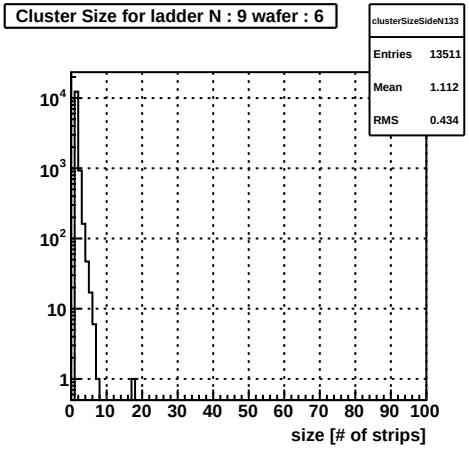

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5326
Mean 1.227
RMS 0.5474
size [# of strips]

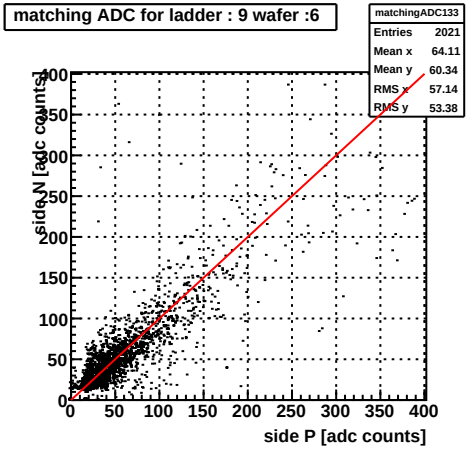

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1291
Mean x 58.25
Mean y 51.17
RMS x 55.01
RMS y 45.7
side N [adc counts]
side P [adc counts]

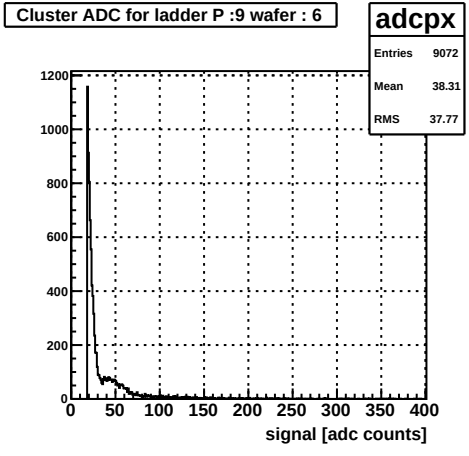

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 10976
Mean 31.68
RMS 32.26
signal [adc counts]

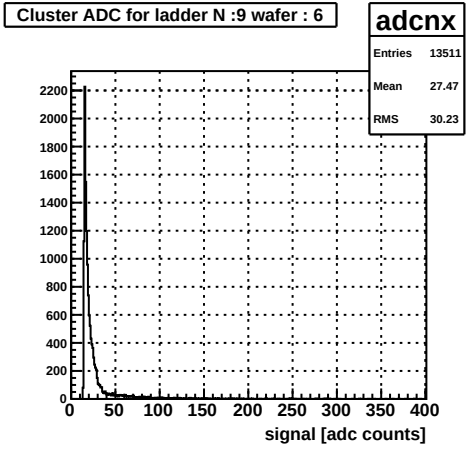

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5326
Mean 33.12
RMS 35.57
signal [adc counts]

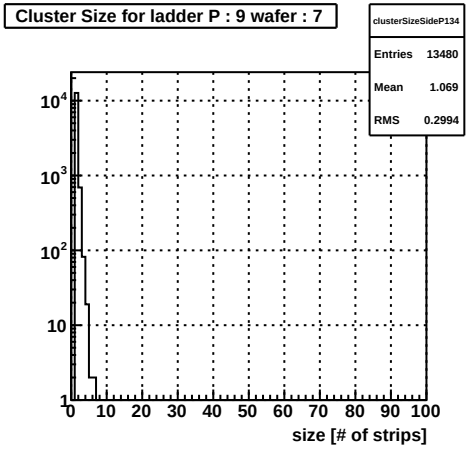

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9072
Mean 1.089
RMS 0.3427
size [# of strips]

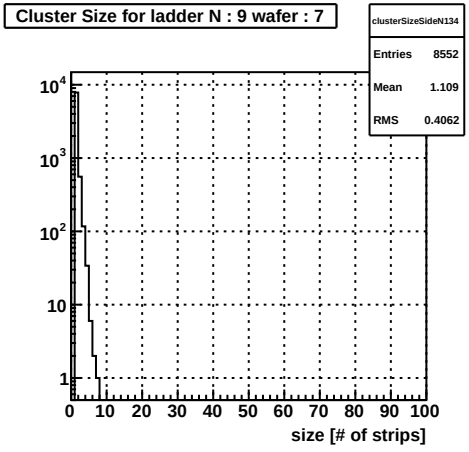

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 13511
Mean 1.112
RMS 0.434
size [# of strips]

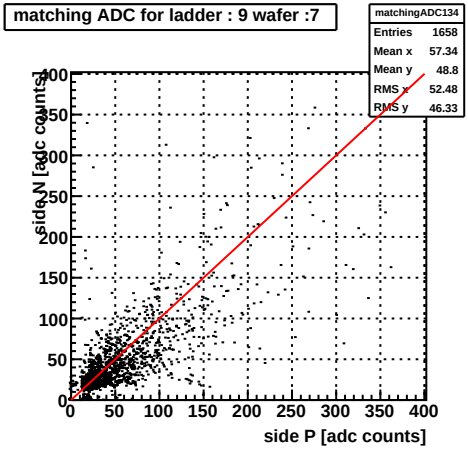

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2021
Mean x 64.11
Mean y 60.34
RMS x 57.14
RMS y 53.38
side N [adc counts]
side P [adc counts]

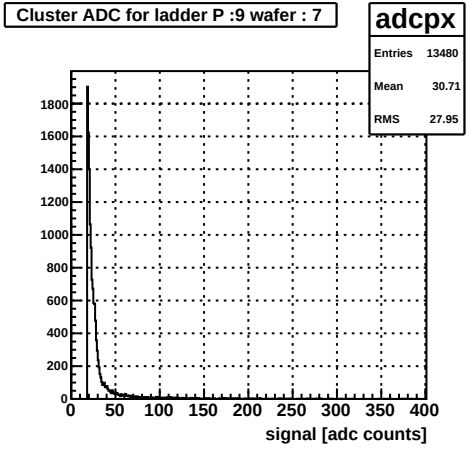

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9072
Mean 38.31
RMS 37.77
signal [adc counts]

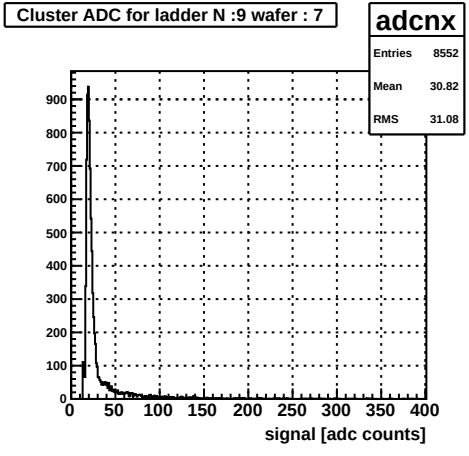

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 13511
Mean 27.47
RMS 30.23
signal [adc counts]

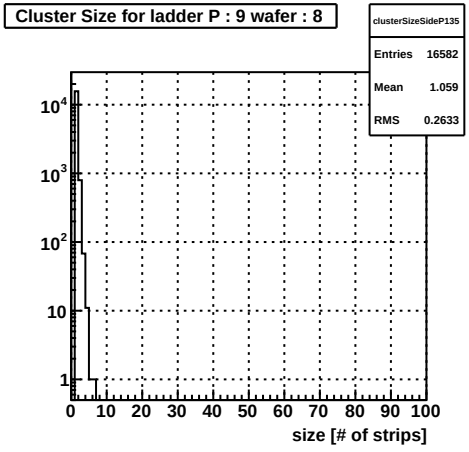

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13480
Mean 1.069
RMS 0.2994
size [# of strips]

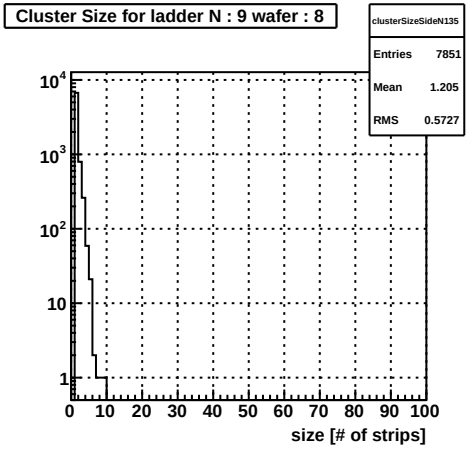

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8552
Mean 1.109
RMS 0.4062
size [# of strips]

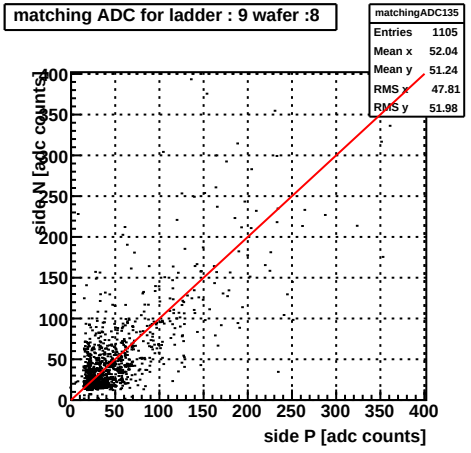

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1658
Mean x 57.34
Mean y 48.8
RMS x 52.48
RMS y 46.33
side N [adc counts]
side P [adc counts]

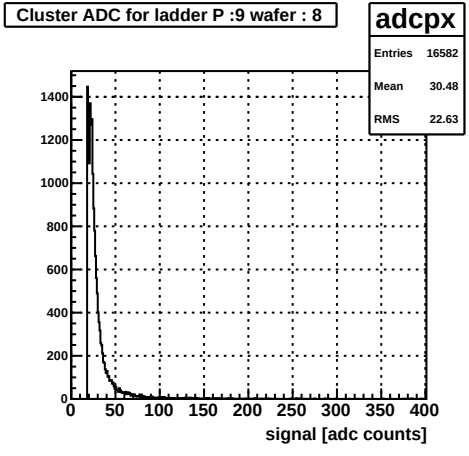

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13480
Mean 30.71
RMS 27.95
signal [adc counts]

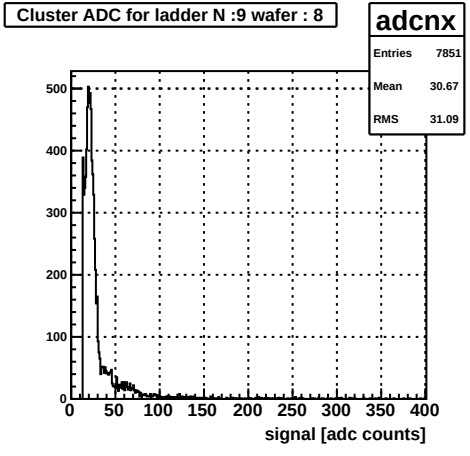

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8552
Mean 30.82
RMS 31.08
signal [adc counts]

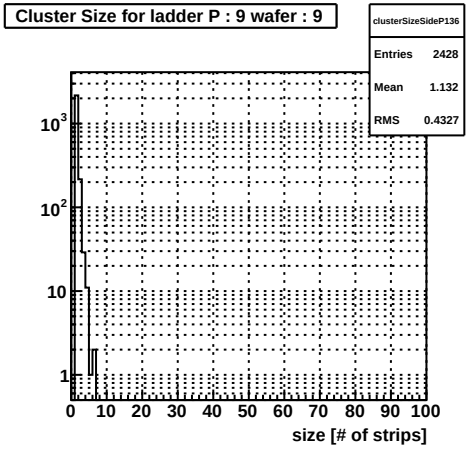

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 16582
Mean 1.059
RMS 0.2633
size [# of strips]

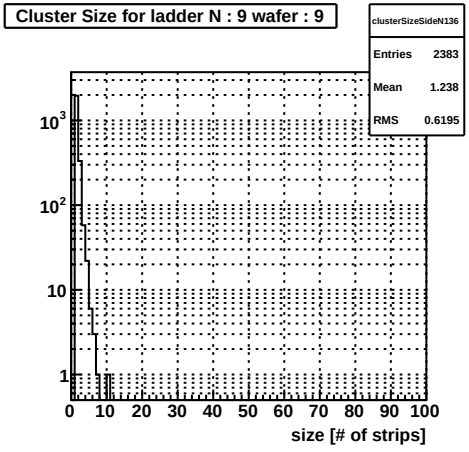

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7851
Mean 1.205
RMS 0.5727
size [# of strips]

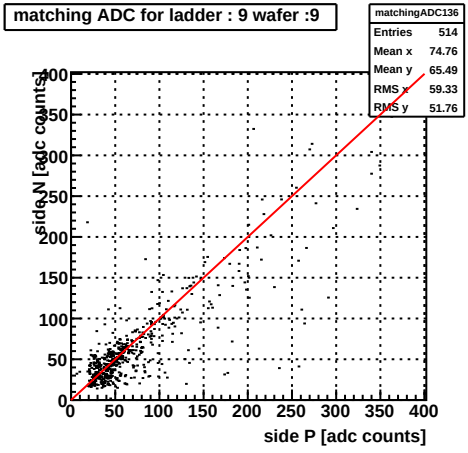

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1105
Mean x 52.04
Mean y 51.24
RMS x 47.81
RMS y 51.98
side N [adc counts]
side P [adc counts]

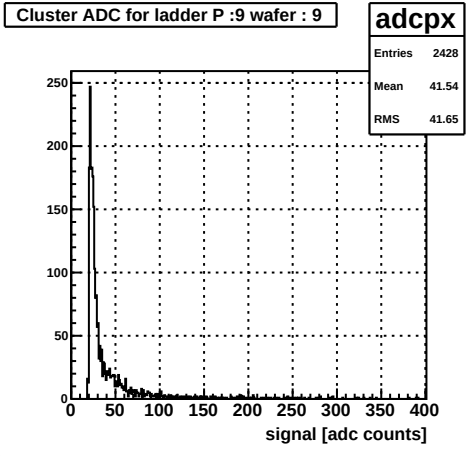

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 16582
Mean 30.48
RMS 22.63
signal [adc counts]

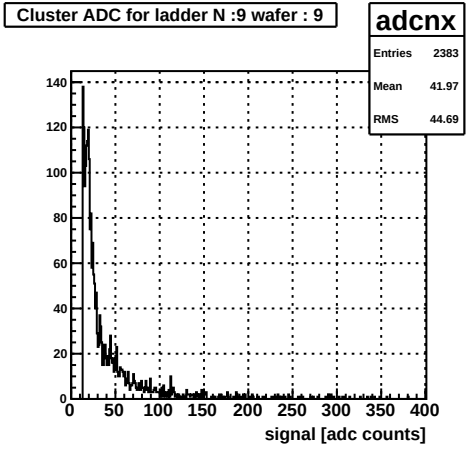

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7851
Mean 30.67
RMS 31.09
signal [adc counts]

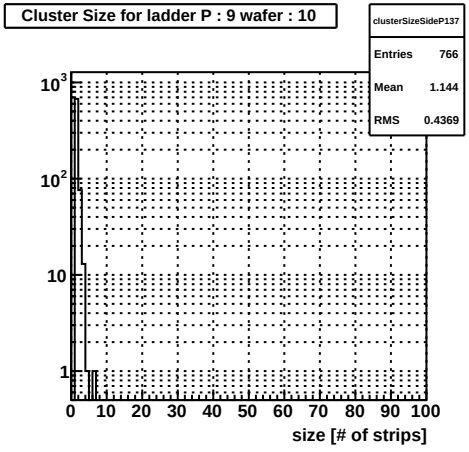

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2428
Mean 1.132
RMS 0.4327
size [# of strips]

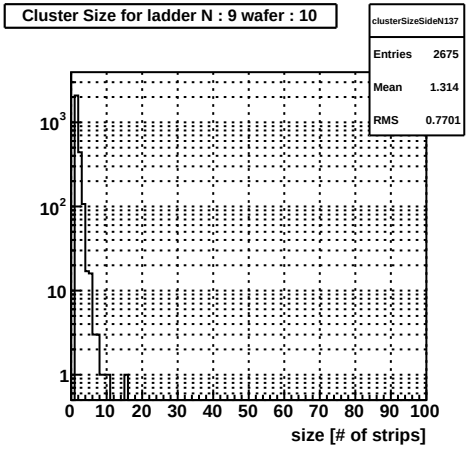

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2383
Mean 1.238
RMS 0.6195
size [# of strips]

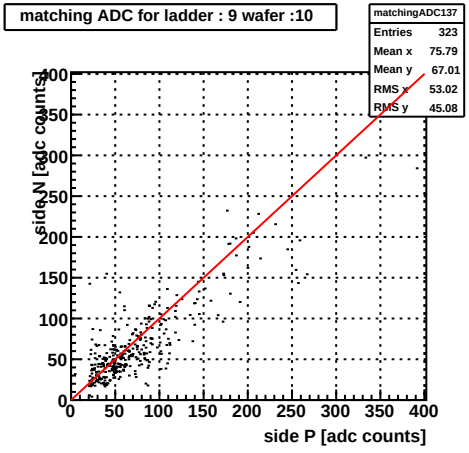

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 514
Mean x 74.76
Mean y 65.49
RMS x 59.33
RMS y 51.76
side N [adc counts]
side P [adc counts]

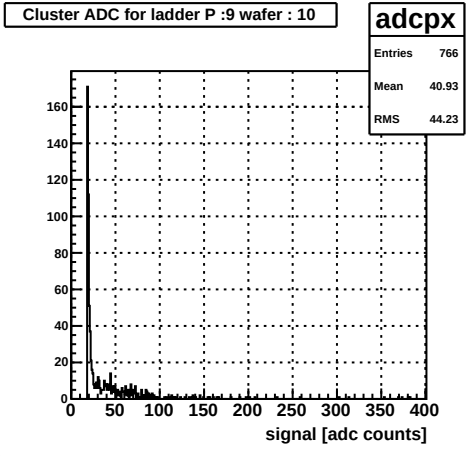

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2428
Mean 41.54
RMS 41.65
signal [adc counts]

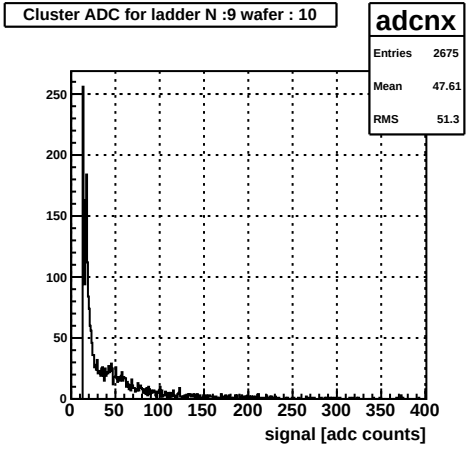

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2383
Mean 41.97
RMS 44.69
signal [adc counts]

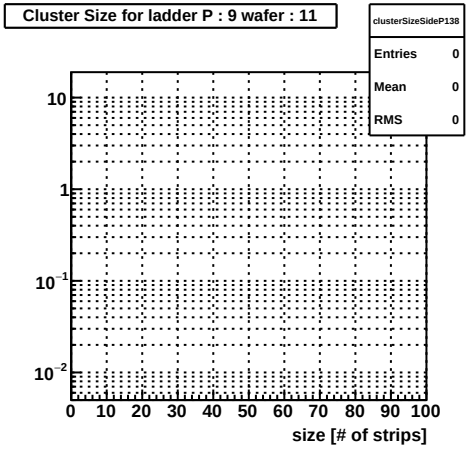

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 766
Mean 1.144
RMS 0.4369
size [# of strips]

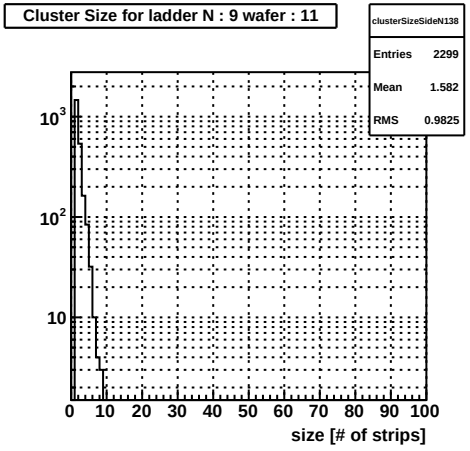

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2675
Mean 1.314
RMS 0.7701
size [# of strips]

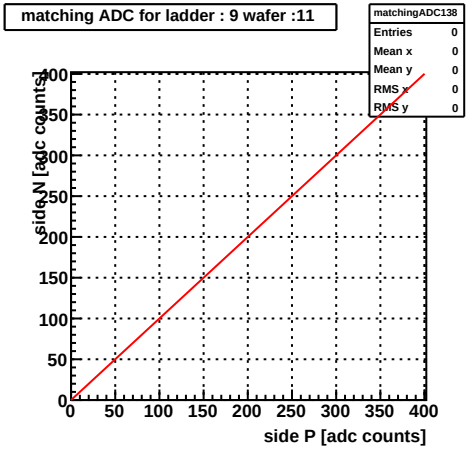

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 323
Mean x 75.79
Mean y 67.01
RMS x 53.02
RMS y 45.08
side N [adc counts]
side P [adc counts]

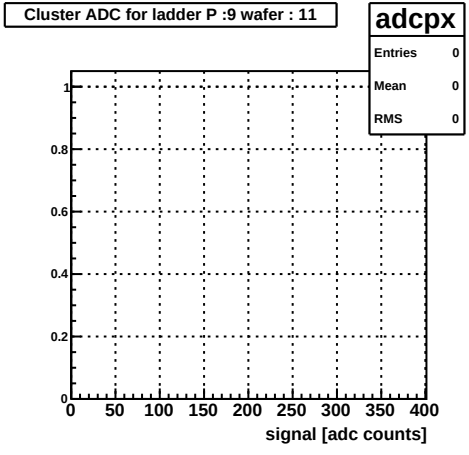

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 766
Mean 40.93
RMS 44.23
signal [adc counts]

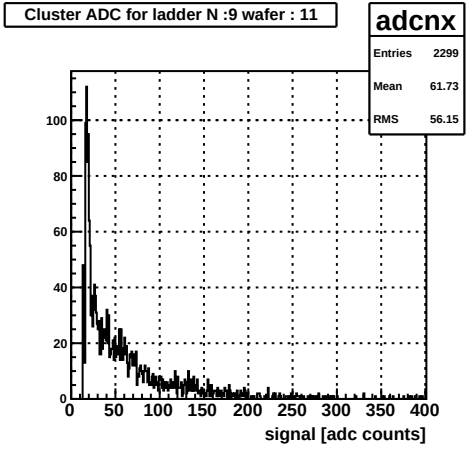

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2675
Mean 47.61
RMS 51.3
signal [adc counts]

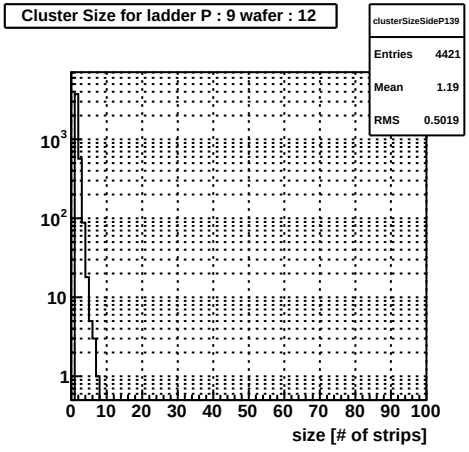

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

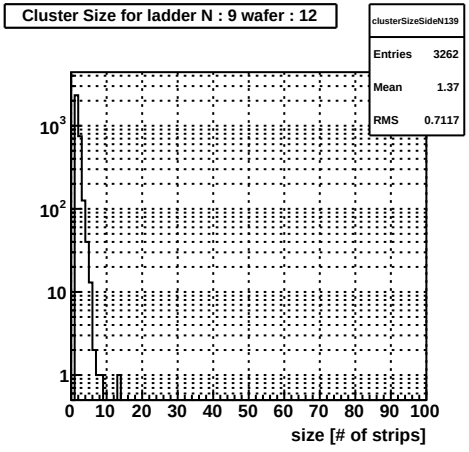

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2299
Mean 1.582
RMS 0.9825
size [# of strips]

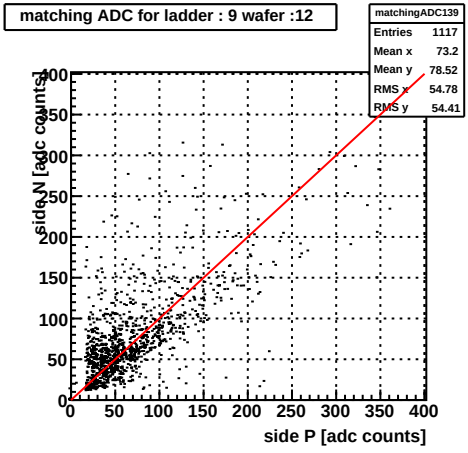

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

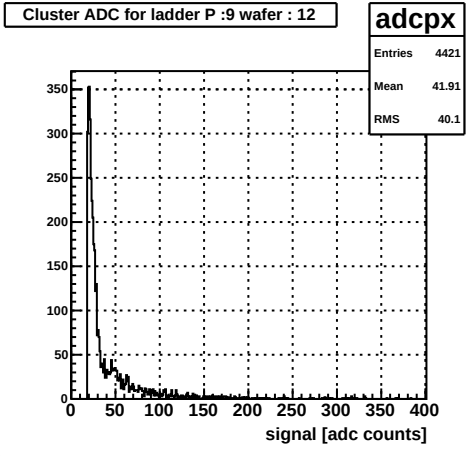

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

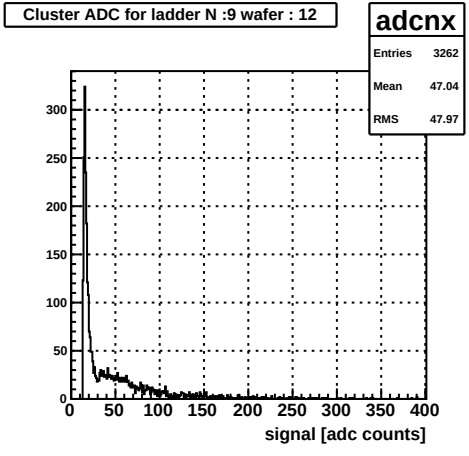

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2299
Mean 61.73
RMS 56.15
signal [adc counts]

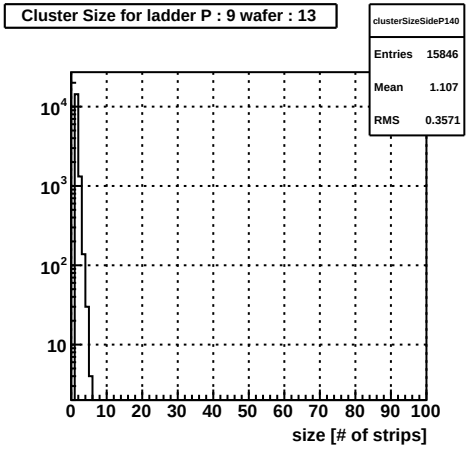

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4421
Mean 1.19
RMS 0.5019
size [# of strips]

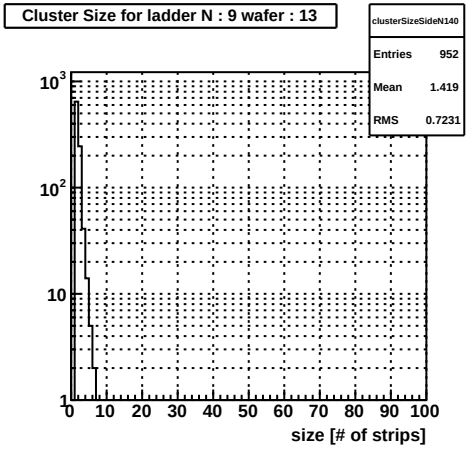

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3262
Mean 1.37
RMS 0.7117
size [# of strips]

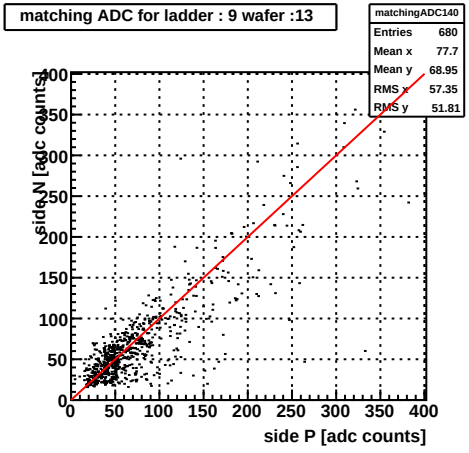

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1117
Mean x 73.2
Mean y 78.52
RMS x 54.78
RMS y 54.41
side N [adc counts]
side P [adc counts]

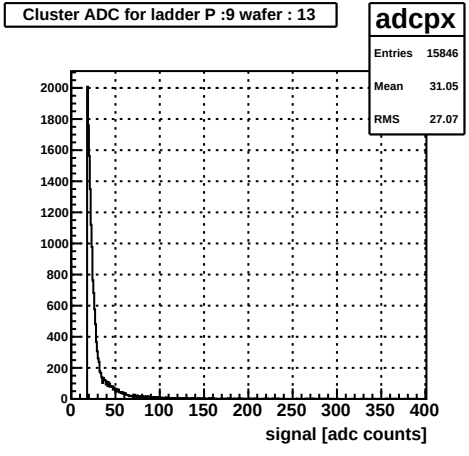

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4421
Mean 41.91
RMS 40.1
signal [adc counts]

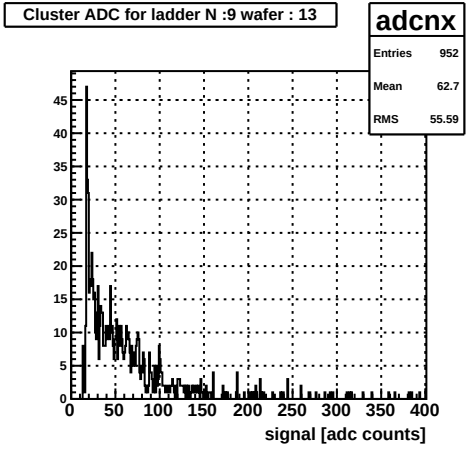

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3262
Mean 47.04
RMS 47.97
signal [adc counts]

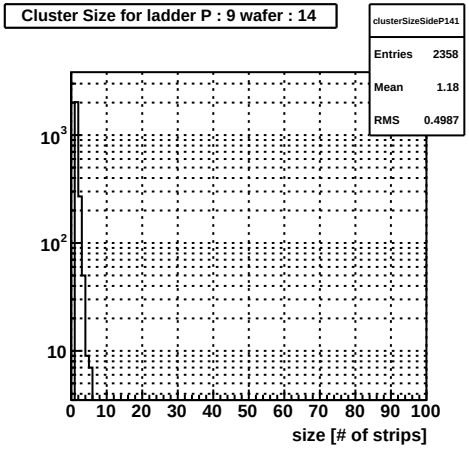

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 15846
Mean 1.107
RMS 0.3571
size [# of strips]

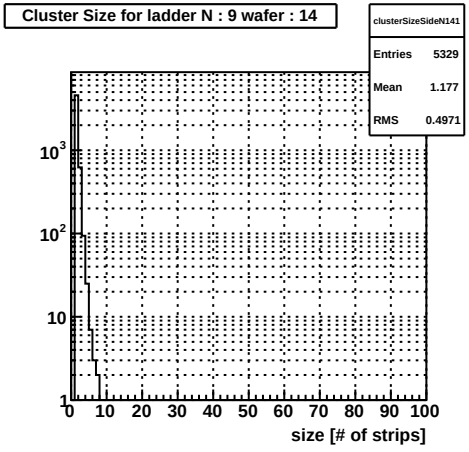

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 952
Mean 1.419
RMS 0.7231
size [# of strips]

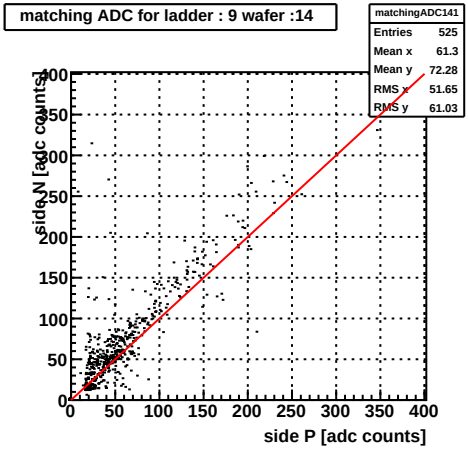

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 680
Mean x 77.7
Mean y 68.95
RMS x 57.35
RMS y 51.81
side N [adc counts]
side P [adc counts]

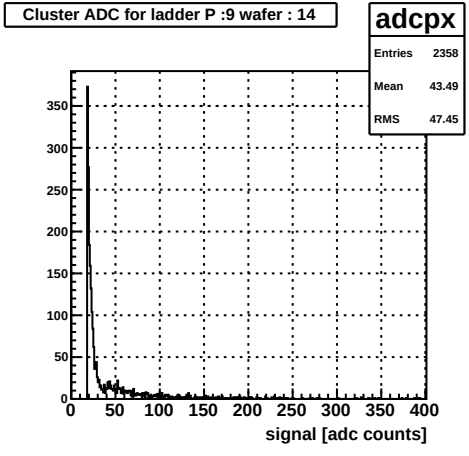

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 15846
Mean 31.05
RMS 27.07
signal [adc counts]

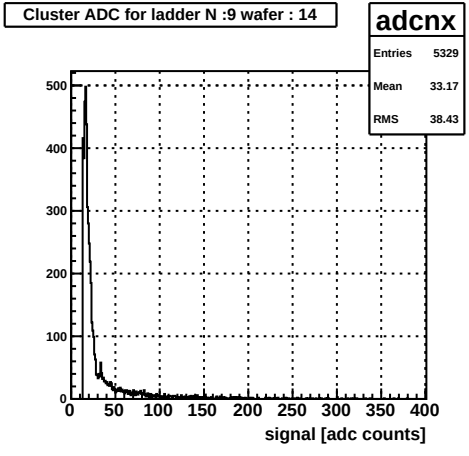

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 952
Mean 62.7
RMS 55.59
signal [adc counts]

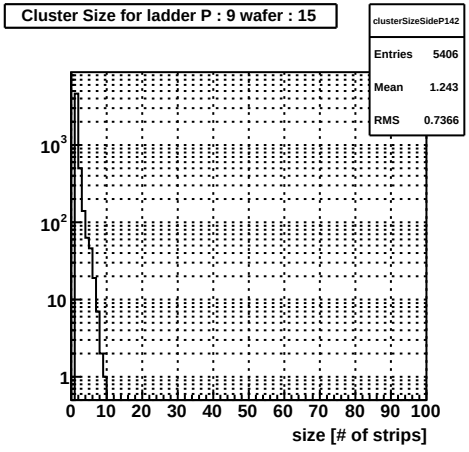

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2358
Mean 1.18
RMS 0.4987
size [# of strips]

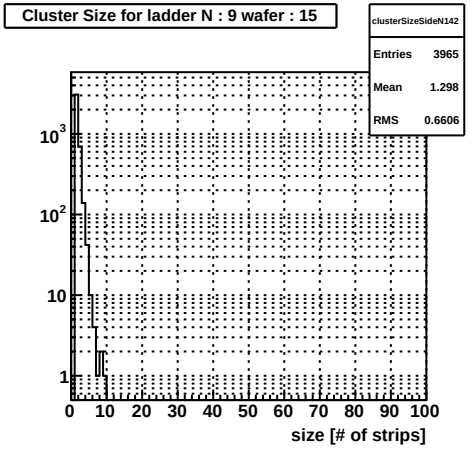

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5329
Mean 1.177
RMS 0.4971
size [# of strips]

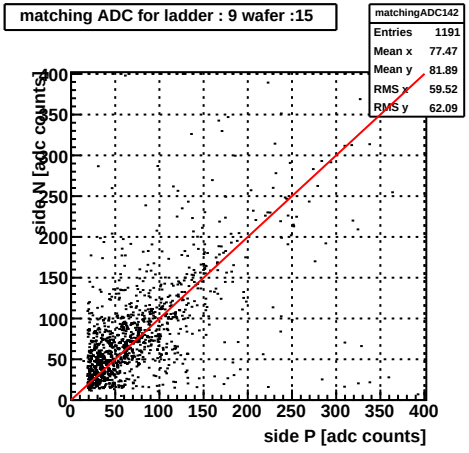

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 525
Mean x 61.3
Mean y 72.28
RMS x 51.65
RMS y 61.03
side N [adc counts]
side P [adc counts]

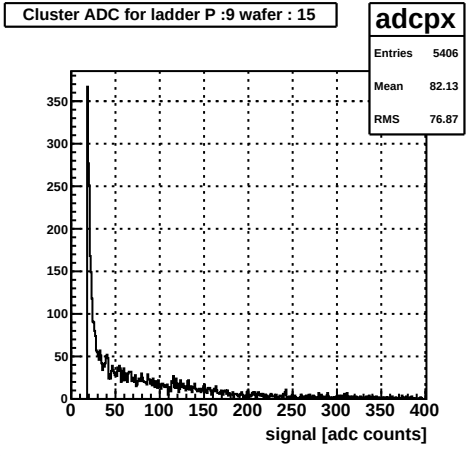

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2358
Mean 43.49
RMS 47.45
signal [adc counts]

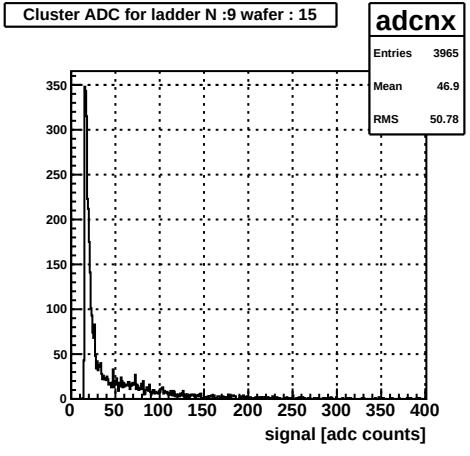

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5329
Mean 33.17
RMS 38.43
signal [adc counts]

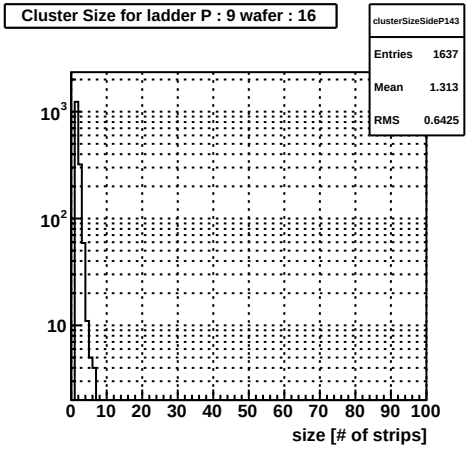

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5406
Mean 1.243
RMS 0.7366
size [# of strips]

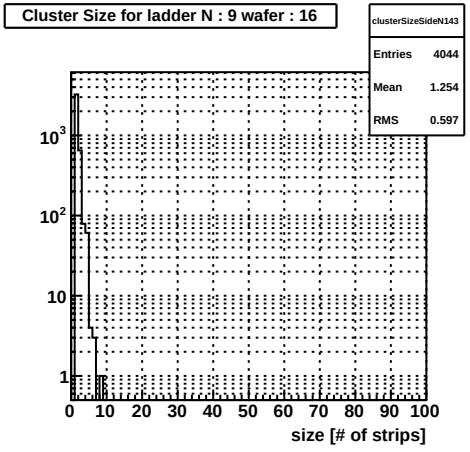

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3965
Mean 1.298
RMS 0.6606
size [# of strips]

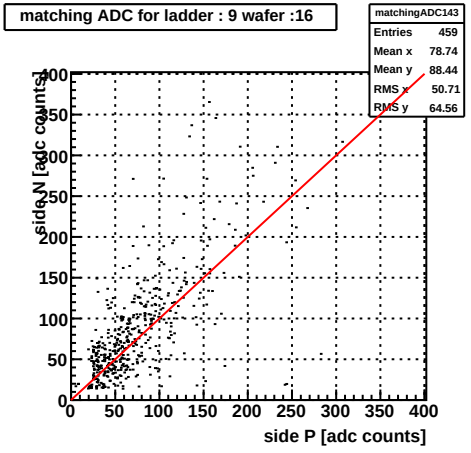

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1191
Mean x 77.47
Mean y 81.89
RMS x 59.52
RMS y 62.09
side N [adc counts]
side P [adc counts]

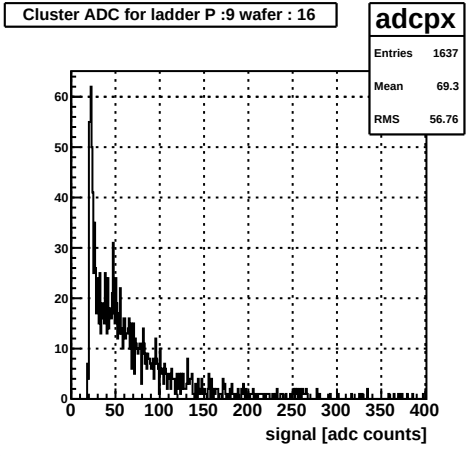

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5406
Mean 82.13
RMS 76.87
signal [adc counts]

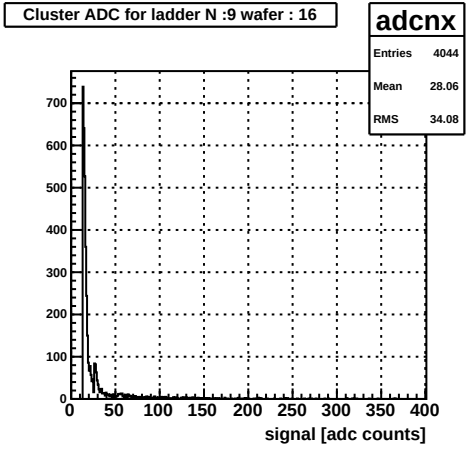

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3965
Mean 46.9
RMS 50.78
signal [adc counts]

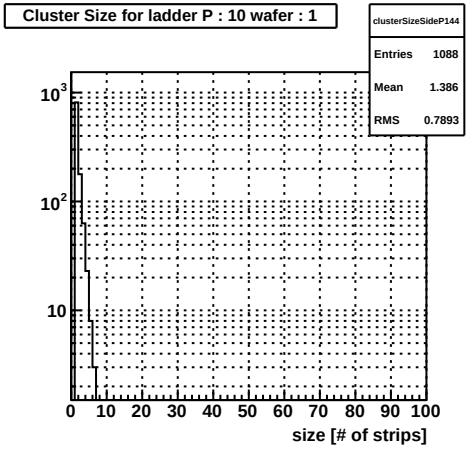

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1637
Mean 1.313
RMS 0.6425
size [# of strips]

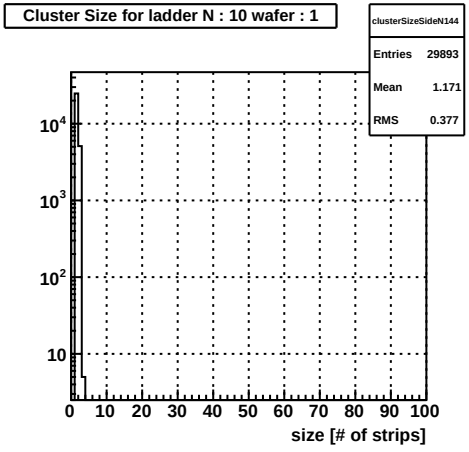

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4044
Mean 1.254
RMS 0.597
size [# of strips]

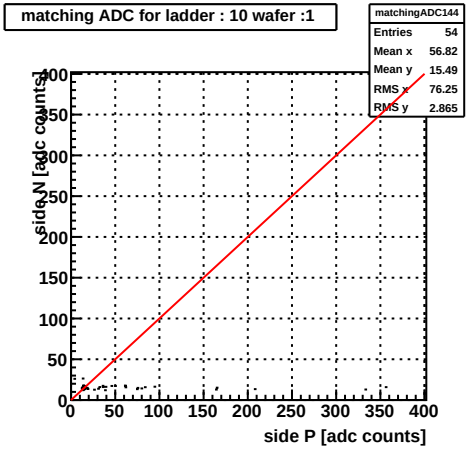

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 459
Mean x 78.74
Mean y 88.44
RMS x 50.71
RMS y 64.56
side N [adc counts]
side P [adc counts]

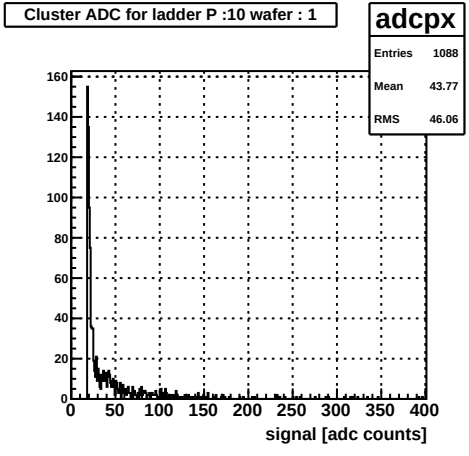

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1637
Mean 69.3
RMS 56.76
signal [adc counts]

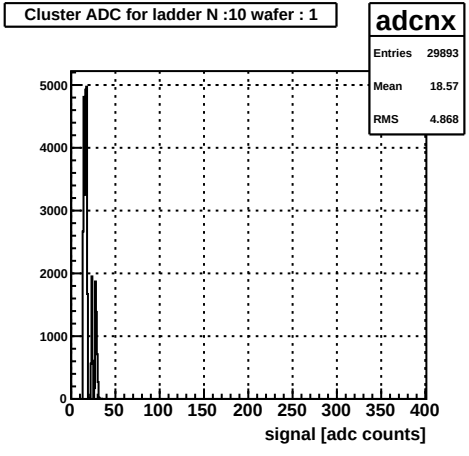

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4044
Mean 28.06
RMS 34.08
signal [adc counts]

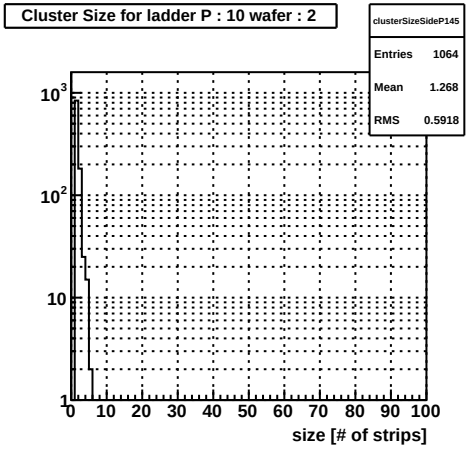

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1088
Mean 1.386
RMS 0.7893
size [# of strips]

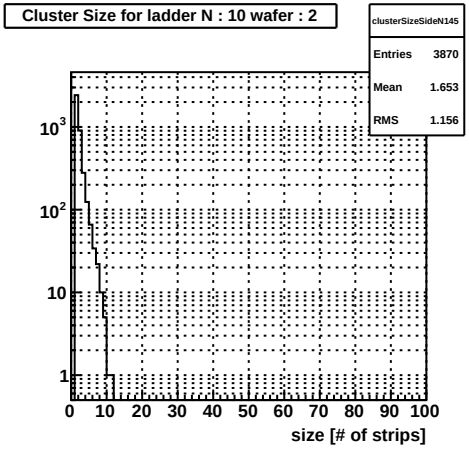

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 29893
Mean 1.171
RMS 0.377
size [# of strips]

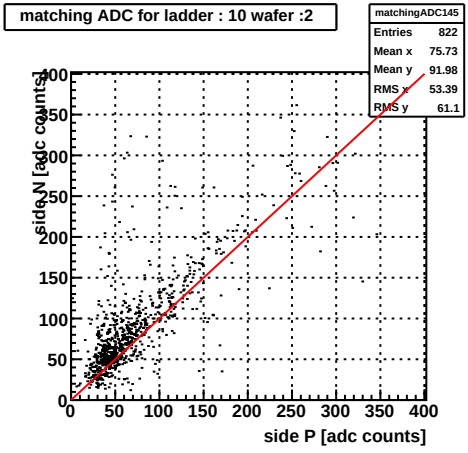

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 54
Mean x 56.82
Mean y 15.49
RMS x 76.25
RMS y 2.865
side N [adc counts]
side P [adc counts]

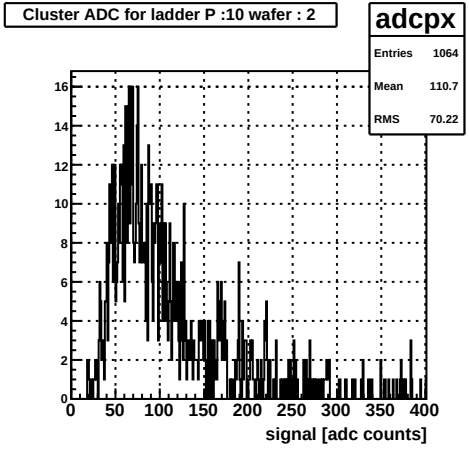

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1088
Mean 43.77
RMS 46.06
signal [adc counts]

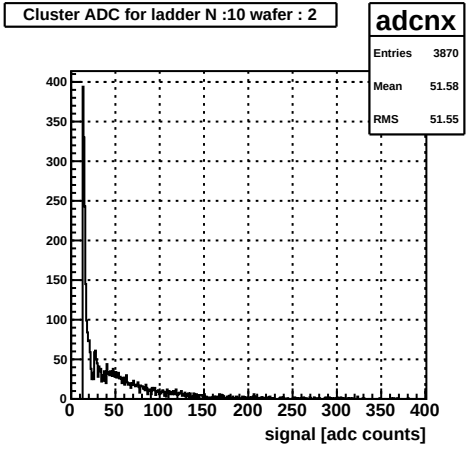

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 29893
Mean 18.57
RMS 4.868
signal [adc counts]

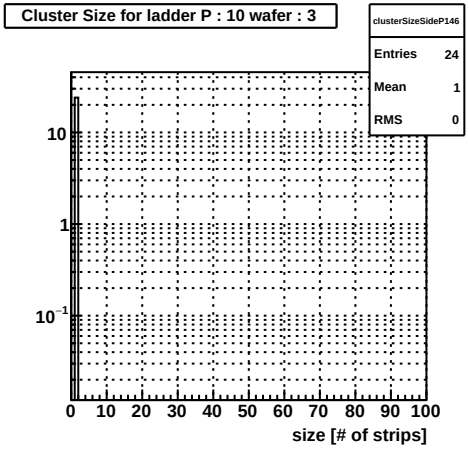

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1064
Mean 1.268
RMS 0.5918
size [# of strips]

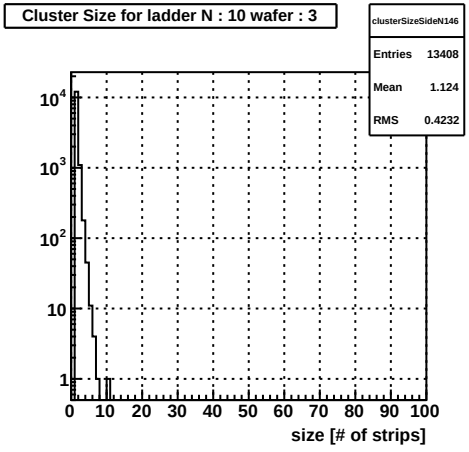

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3870
Mean 1.653
RMS 1.156
size [# of strips]

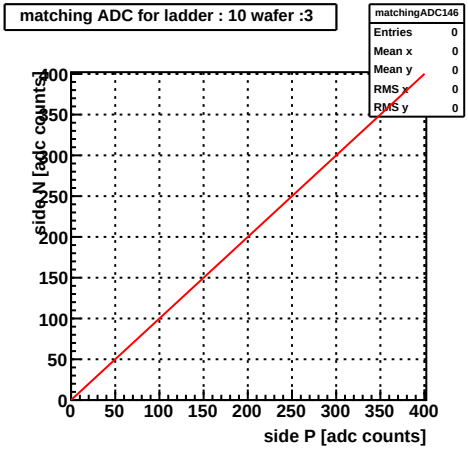

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 822
Mean x 75.73
Mean y 91.98
RMS x 53.39
RMS y 61.1
side N [adc counts]
side P [adc counts]

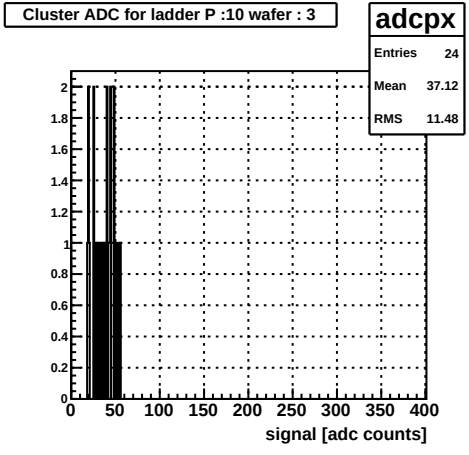

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1064
Mean 110.7
RMS 70.22
signal [adc counts]

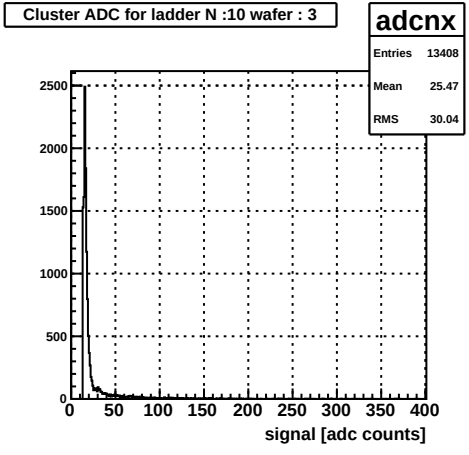

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3870
Mean 51.58
RMS 51.55
signal [adc counts]

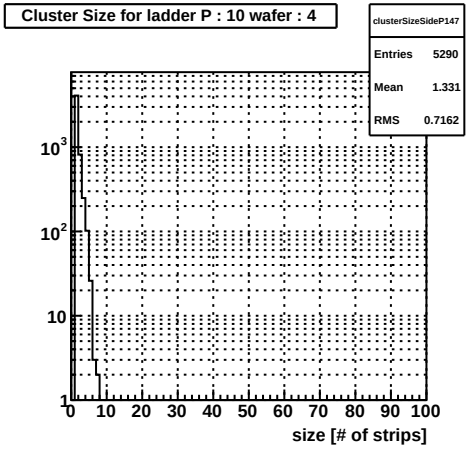

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 24
Mean 1
RMS 0
size [# of strips]

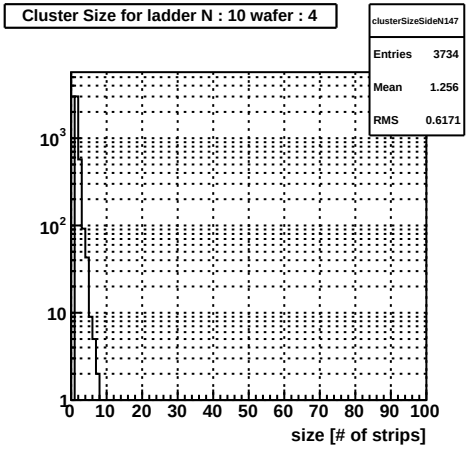

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13408
Mean 1.124
RMS 0.4232
size [# of strips]

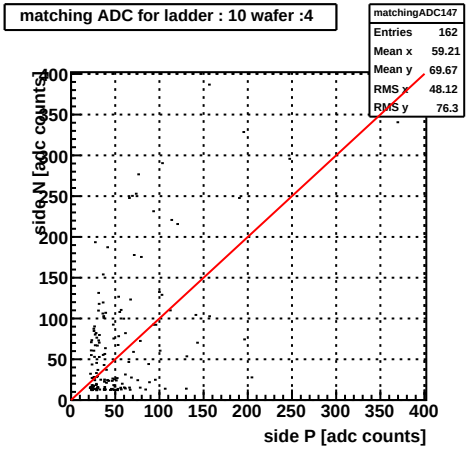

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

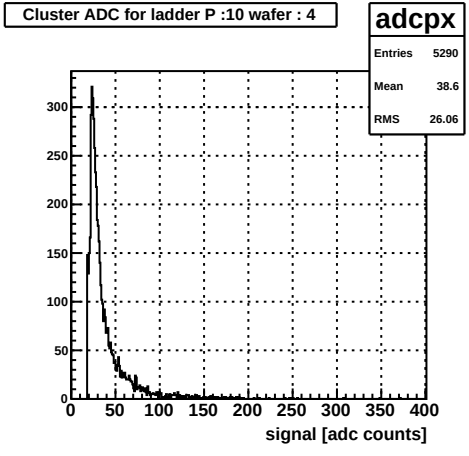

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 24
Mean 37.12
RMS 11.48
signal [adc counts]

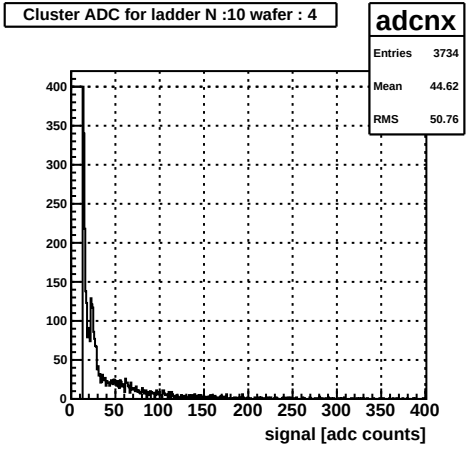

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13408
Mean 25.47
RMS 30.04
signal [adc counts]

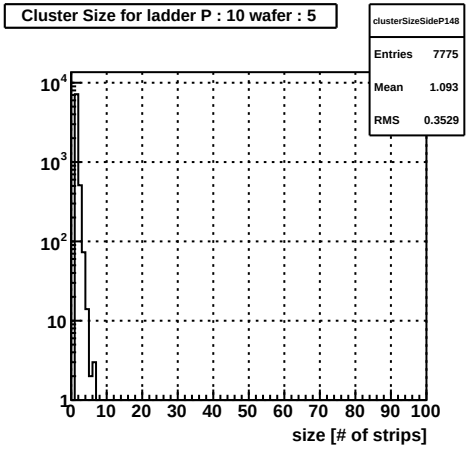

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5290
Mean 1.331
RMS 0.7162
size [# of strips]

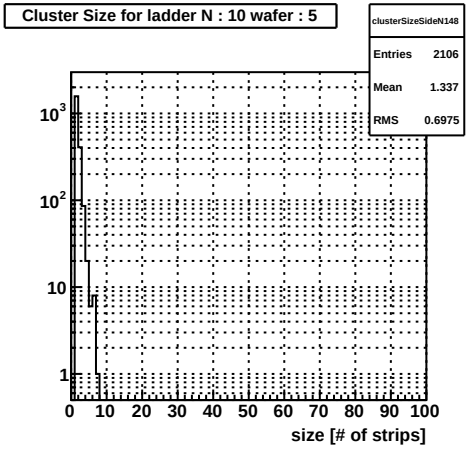

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3734
Mean 1.256
RMS 0.6171
size [# of strips]

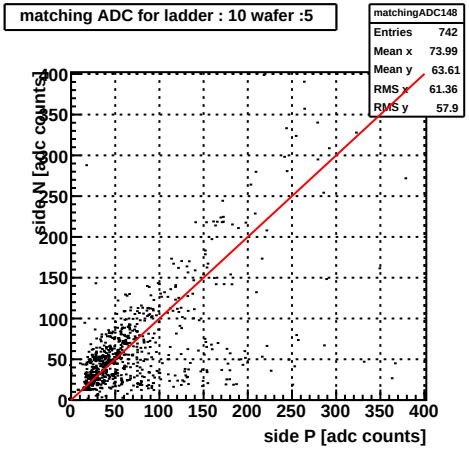

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 162
Mean x 59.21
Mean y 69.67
RMS x 48.12
RMS y 76.3
side N [adc counts]
side P [adc counts]

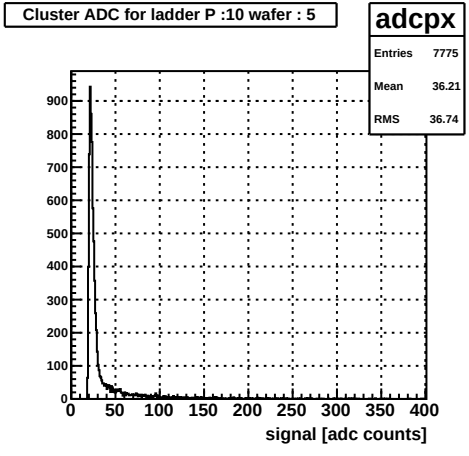

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5290
Mean 38.6
RMS 26.06
signal [adc counts]

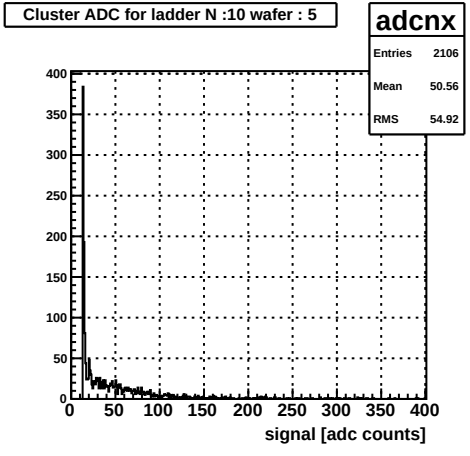

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3734
Mean 44.62
RMS 50.76
signal [adc counts]

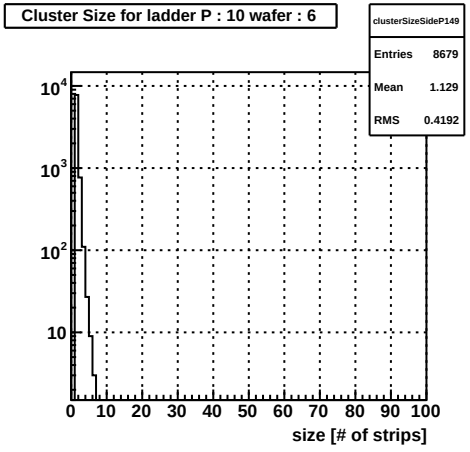

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7775
Mean 1.093
RMS 0.3529
size [# of strips]

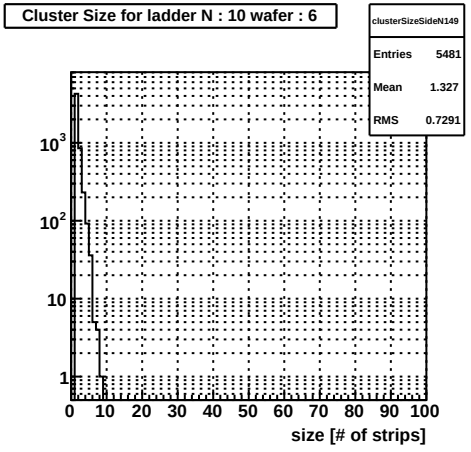

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2106
Mean 1.337
RMS 0.6975
size [# of strips]

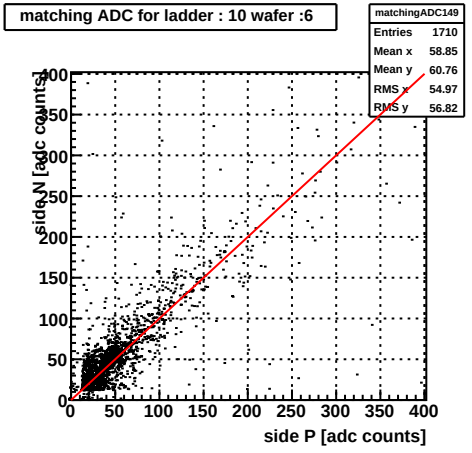

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 742
Mean x 73.99
Mean y 63.61
RMS x 61.36
RMS y 57.9
side N [adc counts]
side P [adc counts]

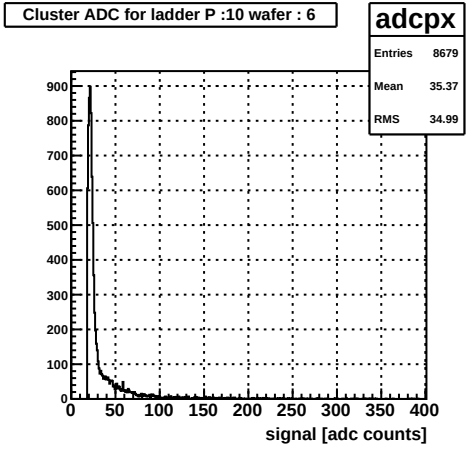

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7775
Mean 36.21
RMS 36.74
signal [adc counts]

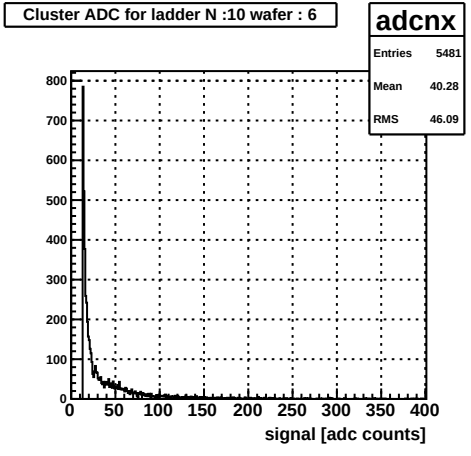

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2106
Mean 50.56
RMS 54.92
signal [adc counts]

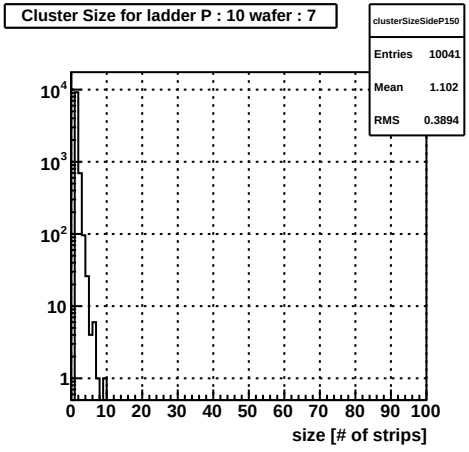

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 8679
Mean 1.129
RMS 0.4192
size [# of strips]

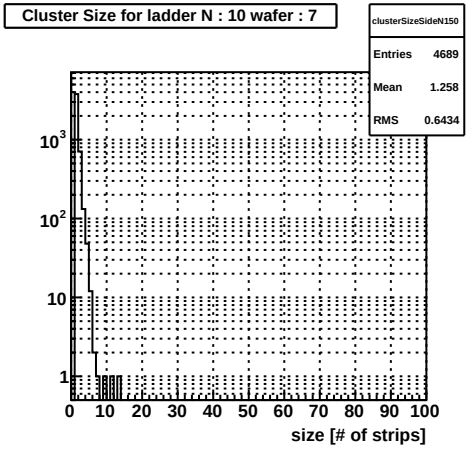

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5481
Mean 1.327
RMS 0.7291
size [# of strips]

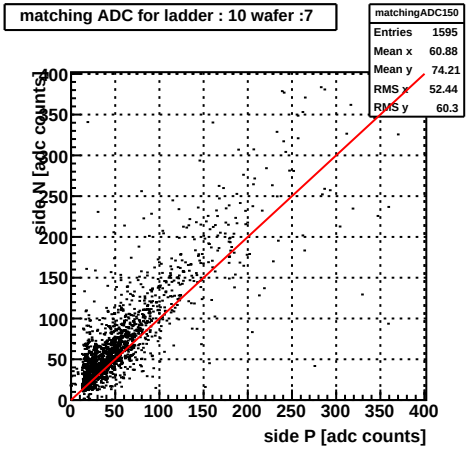

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1710
Mean x 58.85
Mean y 60.76
RMS x 54.97
RMS y 56.82
side N [adc counts]
side P [adc counts]

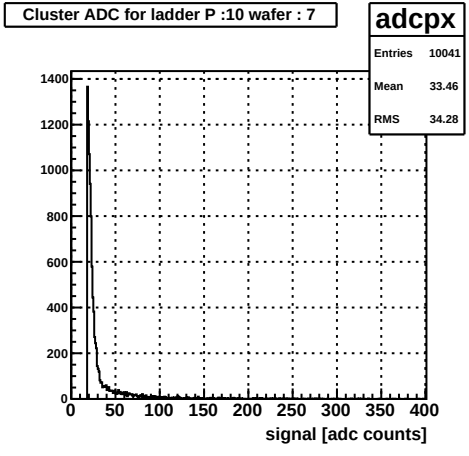

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 8679
Mean 35.37
RMS 34.99
signal [adc counts]

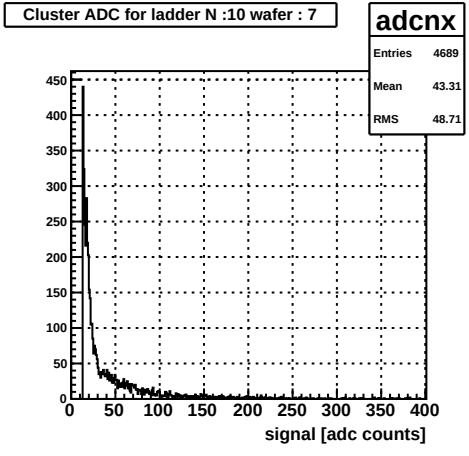

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5481
Mean 40.28
RMS 46.09
signal [adc counts]

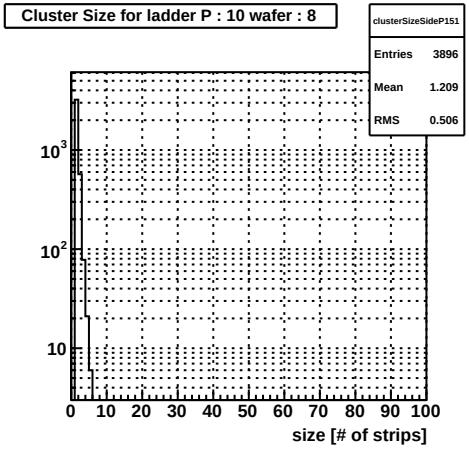

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10041
Mean 1.102
RMS 0.3894
size [# of strips]

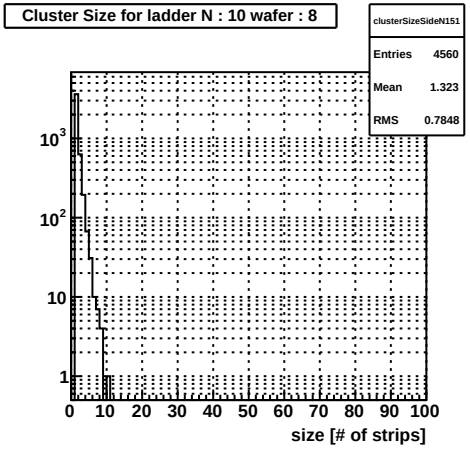

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4689
Mean 1.258
RMS 0.6434
size [# of strips]

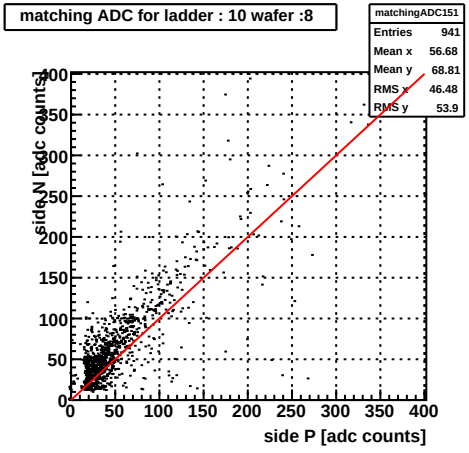

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1595
Mean x 60.88
Mean y 74.21
RMS x 52.44
RMS y 60.3
side N [adc counts]
side P [adc counts]

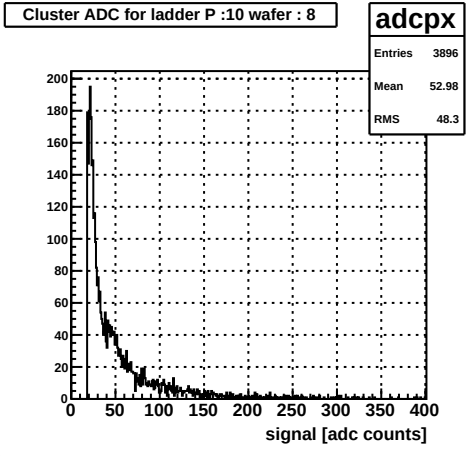

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10041
Mean 33.46
RMS 34.28
signal [adc counts]

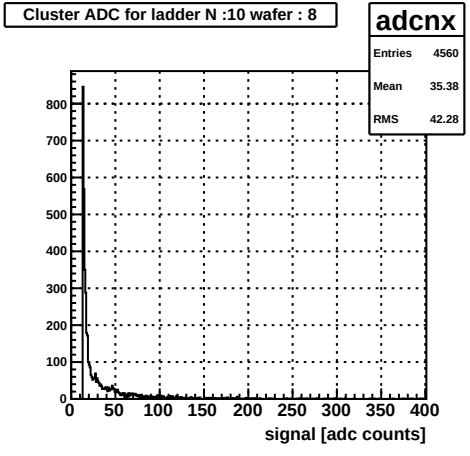

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4689
Mean 43.31
RMS 48.71
signal [adc counts]

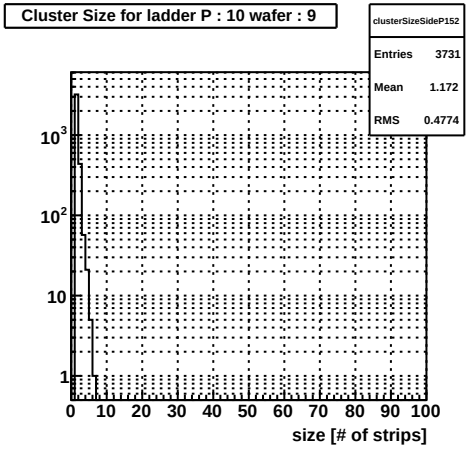

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3896
Mean 1.209
RMS 0.506
size [# of strips]

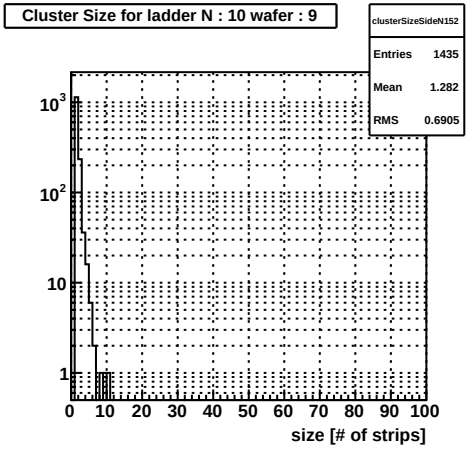

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4560
Mean 1.323
RMS 0.7848
size [# of strips]

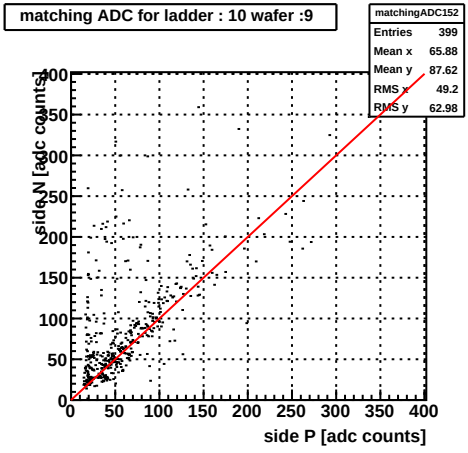

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 941
Mean x 56.68
Mean y 68.81
RMS x 46.48
RMS y 53.9
side N [adc counts]
side P [adc counts]

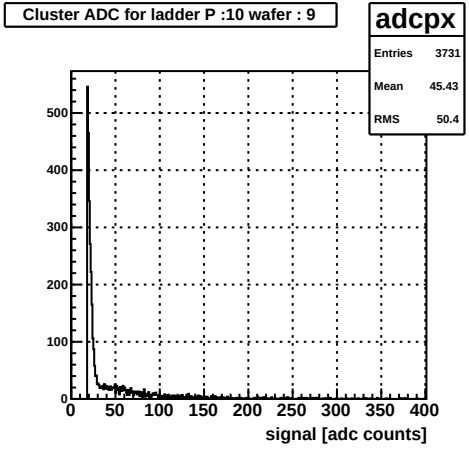

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3896
Mean 52.98
RMS 48.3
signal [adc counts]

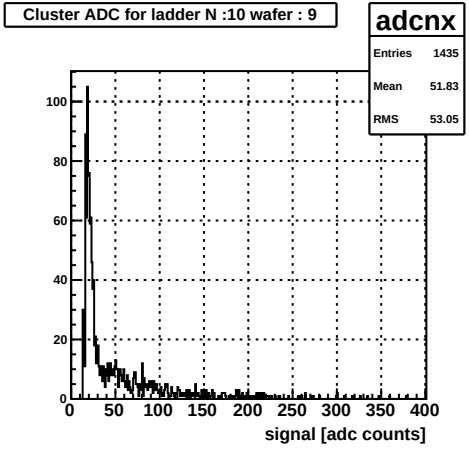

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4560
Mean 35.38
RMS 42.28
signal [adc counts]

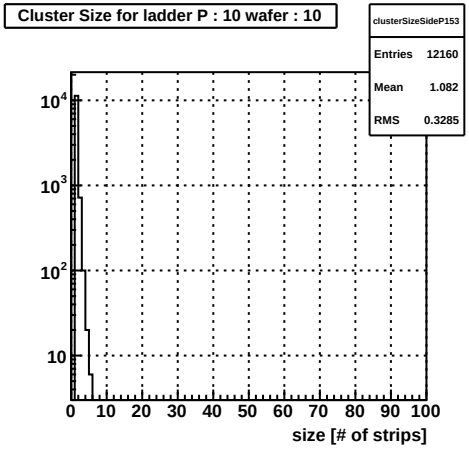

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3731
Mean 1.172
RMS 0.4774
size [# of strips]

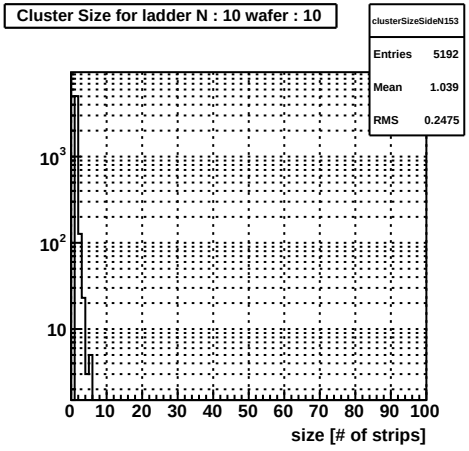

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1435
Mean 1.282
RMS 0.6905
size [# of strips]

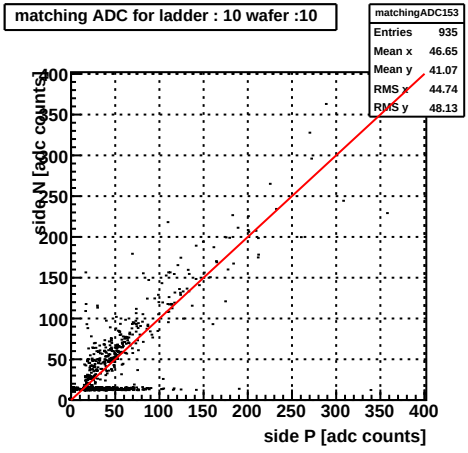

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 399
Mean x 65.88
Mean y 87.62
RMS x 49.2
RMS y 62.98
side N [adc counts]
side P [adc counts]

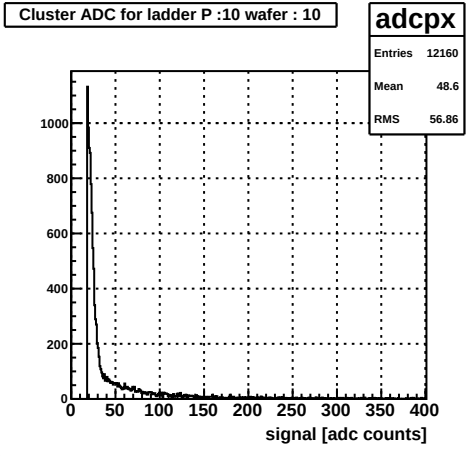

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3731
Mean 45.43
RMS 50.4
signal [adc counts]

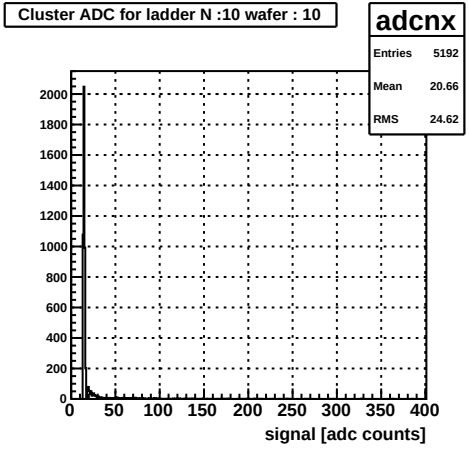

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1435
Mean 51.83
RMS 53.05
signal [adc counts]

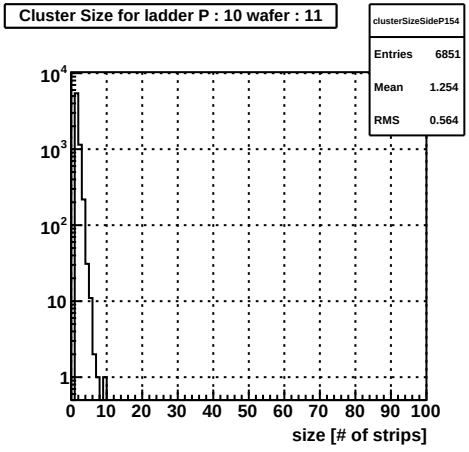

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12160
Mean 1.082
RMS 0.3285
size [# of strips]

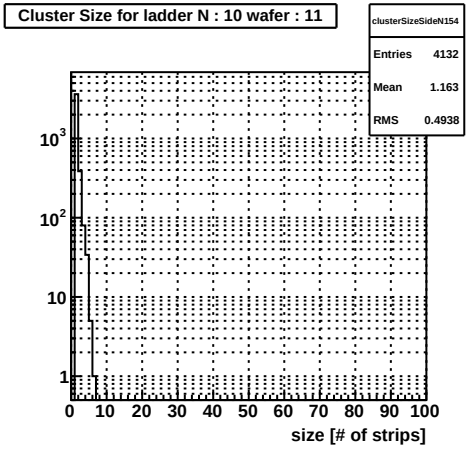

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 5192
Mean 1.039
RMS 0.2475
size [# of strips]

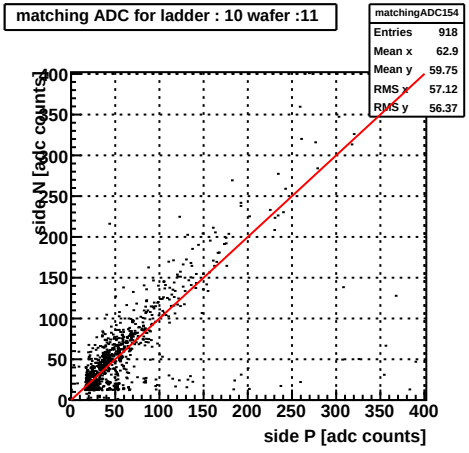

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 935
Mean x 46.65
Mean y 41.07
RMS x 44.74
RMS y 48.13
side N [adc counts]
side P [adc counts]

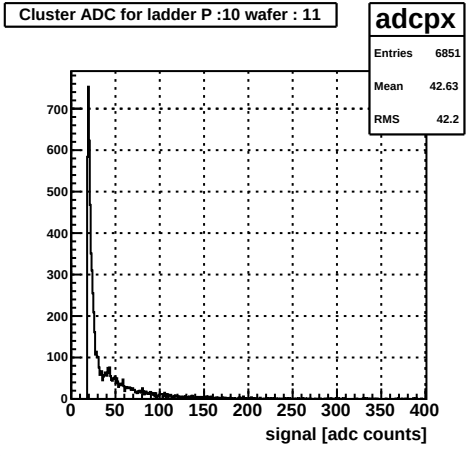

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12160
Mean 48.6
RMS 56.86
signal [adc counts]

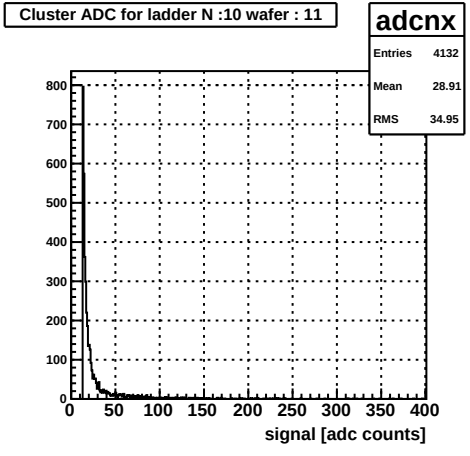

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 5192
Mean 20.66
RMS 24.62
signal [adc counts]

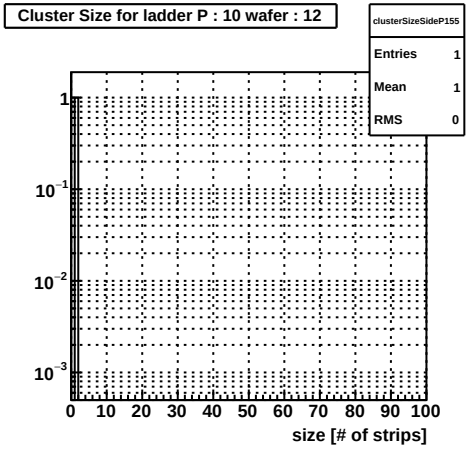

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6851
Mean 1.254
RMS 0.564
size [# of strips]

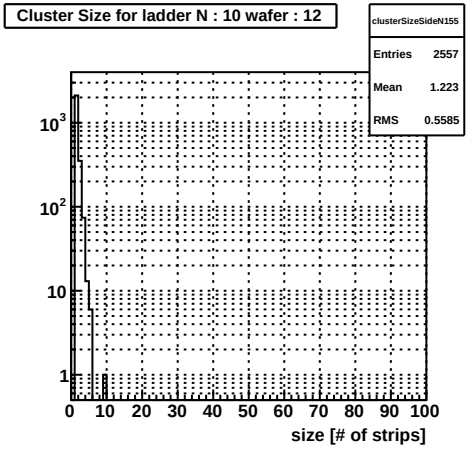

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4132
Mean 1.163
RMS 0.4938
size [# of strips]

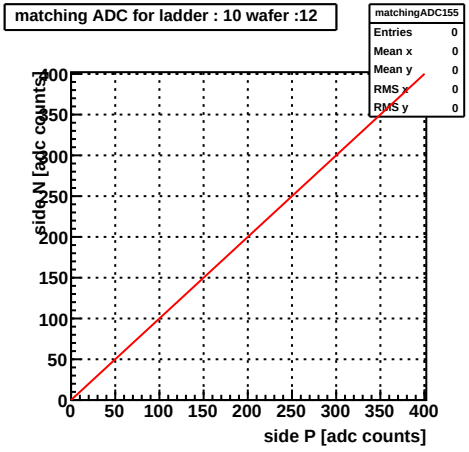

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 918
Mean x 62.9
Mean y 59.75
RMS x 57.12
RMS y 56.37
side N [adc counts]
side P [adc counts]

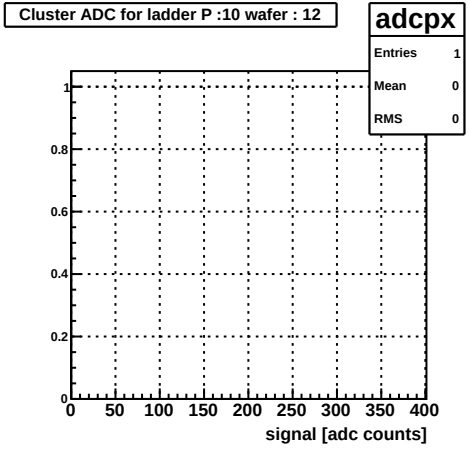

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6851
Mean 42.63
RMS 42.2
signal [adc counts]

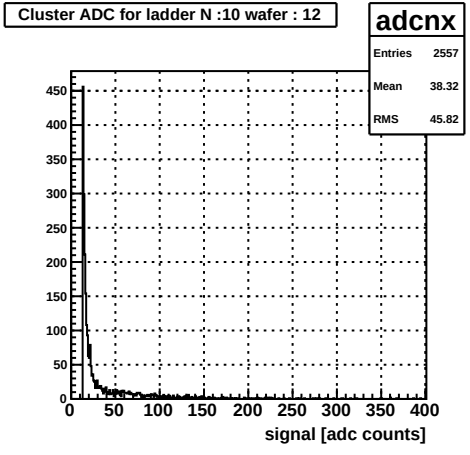

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4132
Mean 28.91
RMS 34.95
signal [adc counts]

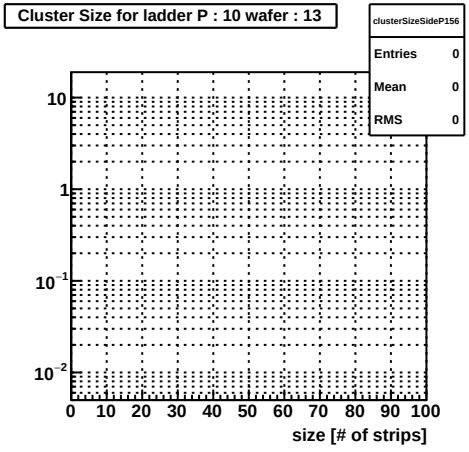

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

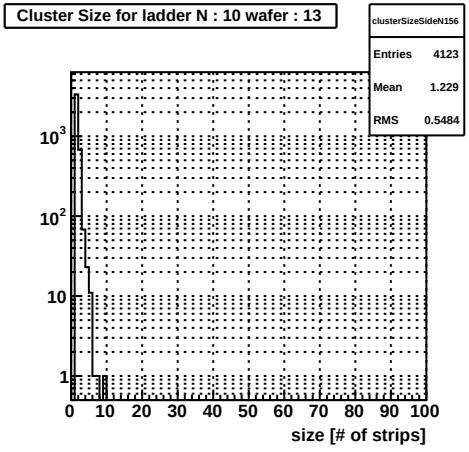

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2557
Mean 1.223
RMS 0.5585
size [# of strips]

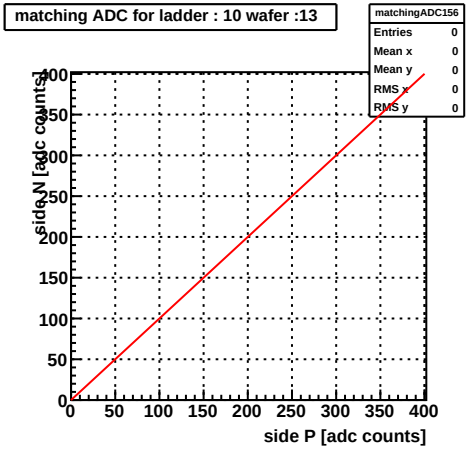

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

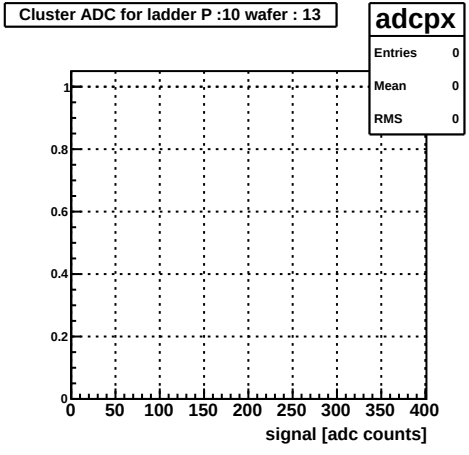

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

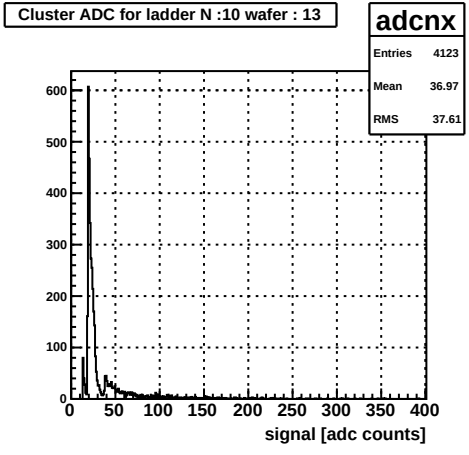

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2557
Mean 38.32
RMS 45.82
signal [adc counts]

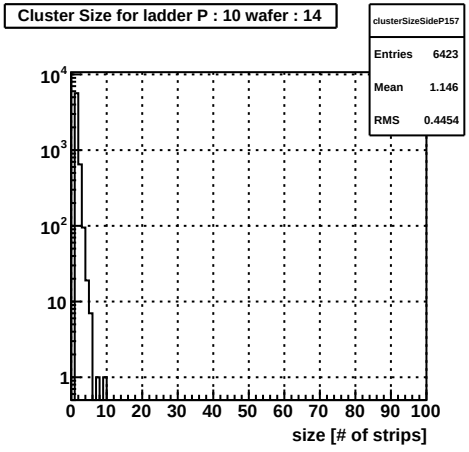

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

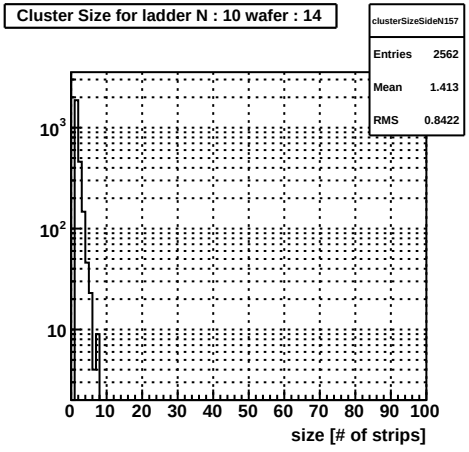

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4123
Mean 1.229
RMS 0.5484
size [# of strips]

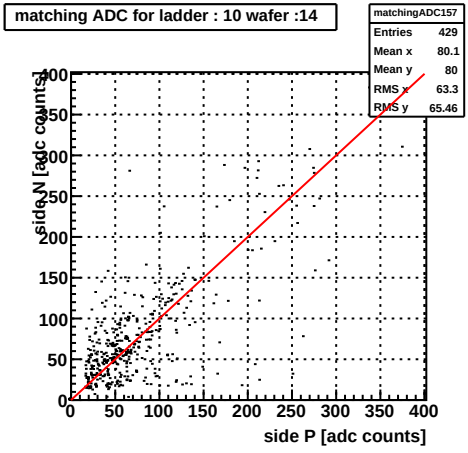

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

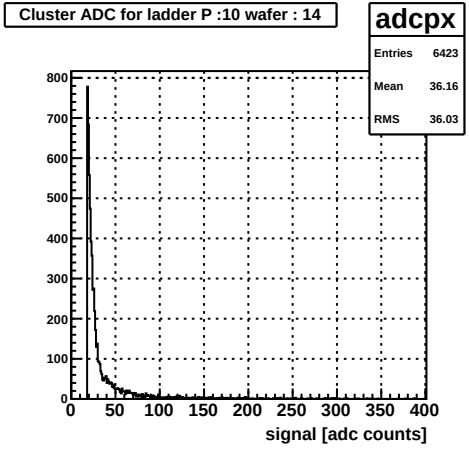

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

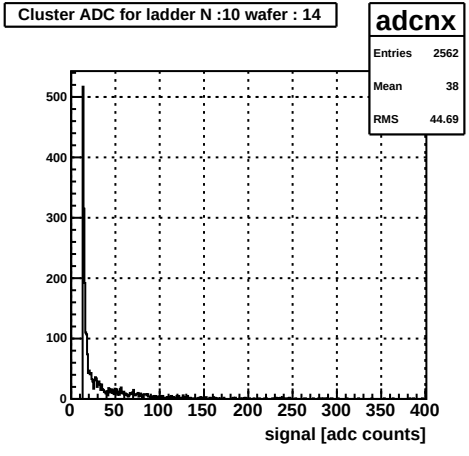

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4123
Mean 36.97
RMS 37.61
signal [adc counts]

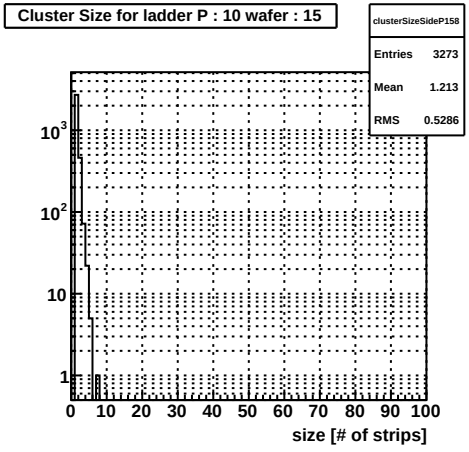

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6423
Mean 1.146
RMS 0.4454
size [# of strips]

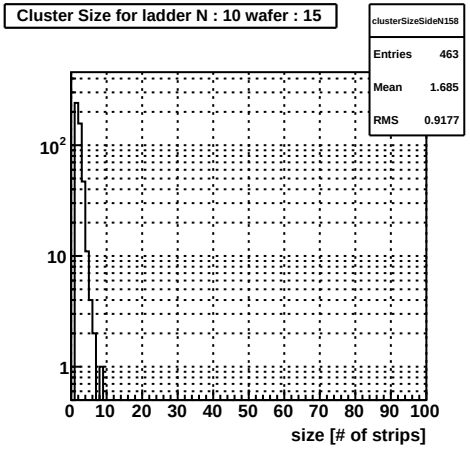

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2562
Mean 1.413
RMS 0.8422
size [# of strips]

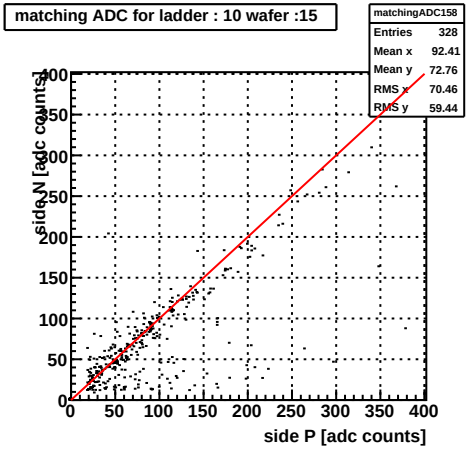

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 429
Mean x 80.1
Mean y 80
RMS x 63.3
RMS y 65.46
side N [adc counts]
side P [adc counts]

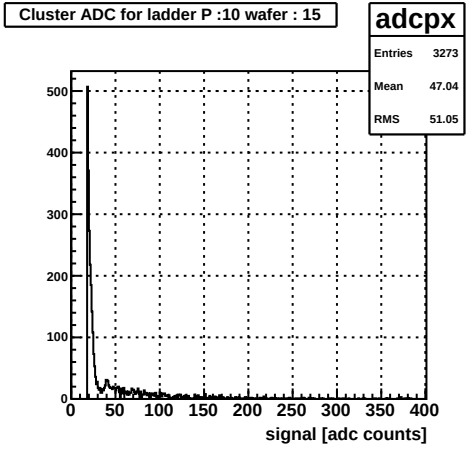

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6423
Mean 36.16
RMS 36.03
signal [adc counts]

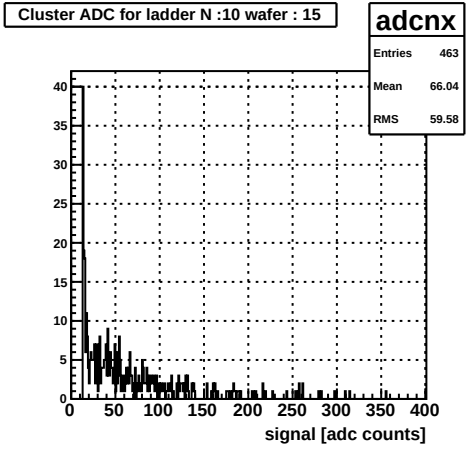

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2562
Mean 38
RMS 44.69
signal [adc counts]

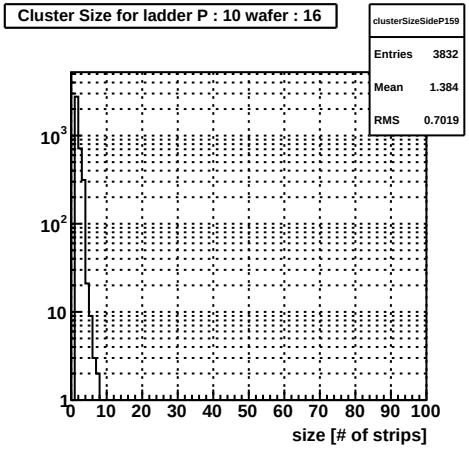

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3273
Mean 1.213
RMS 0.5286
size [# of strips]

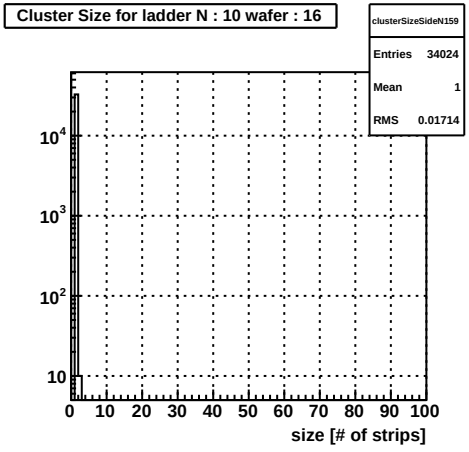

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 463
Mean 1.685
RMS 0.9177
size [# of strips]

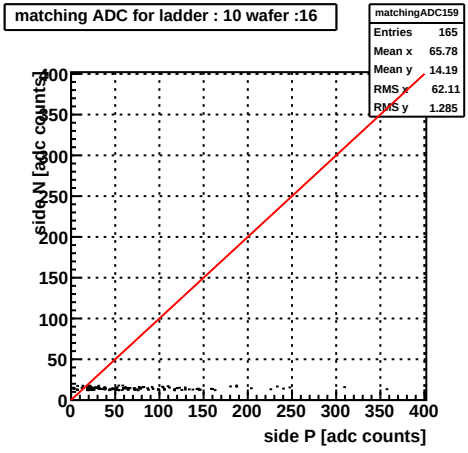

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 328
Mean x 92.41
Mean y 72.76
RMS x 70.46
RMS y 59.44
side N [adc counts]
side P [adc counts]

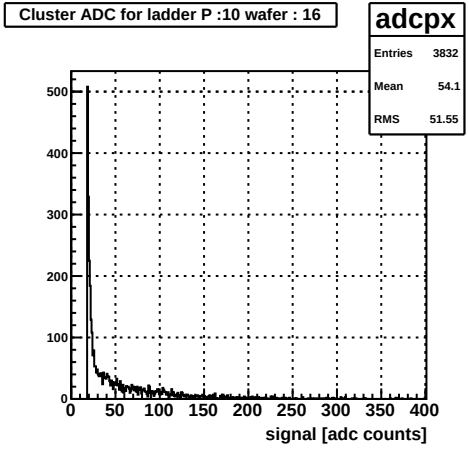

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3273
Mean 47.04
RMS 51.05
signal [adc counts]

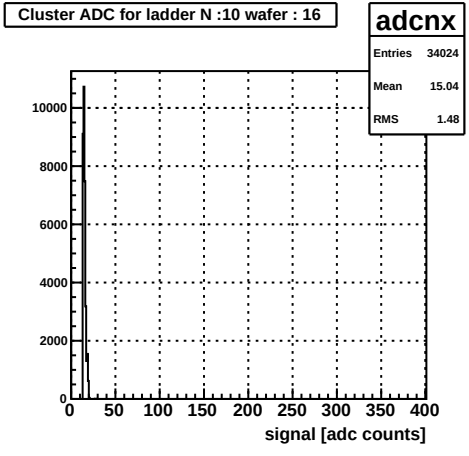

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 463
Mean 66.04
RMS 59.58
signal [adc counts]

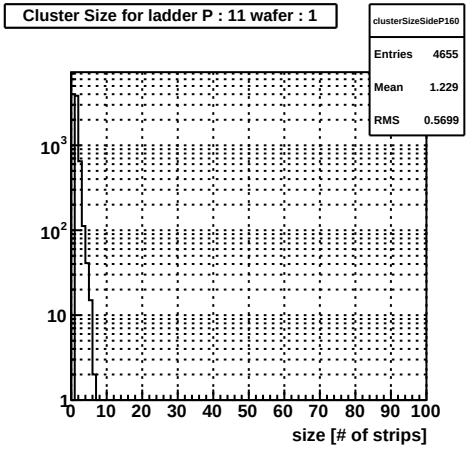

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3832
Mean 1.384
RMS 0.7019
size [# of strips]

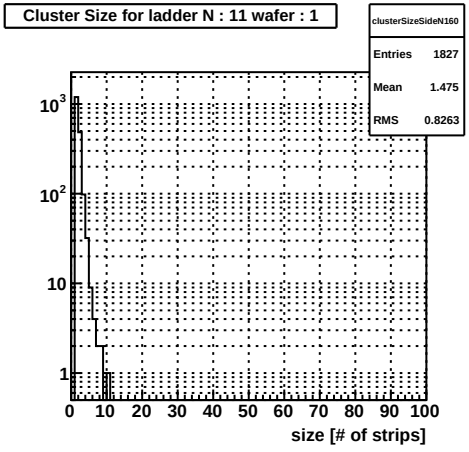

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 34024
Mean 1
RMS 0.01714
size [# of strips]

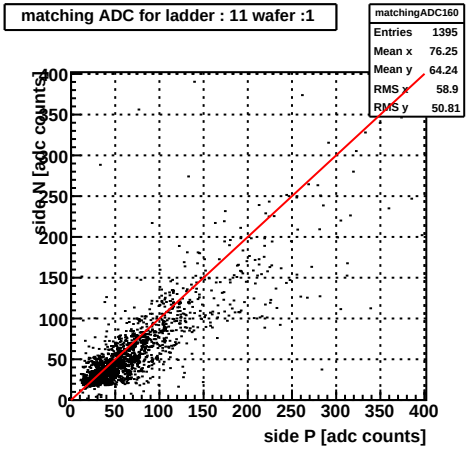

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 165
Mean x 65.78
Mean y 14.19
RMS x 62.11
RMS y 1.285
side N [adc counts]
side P [adc counts]

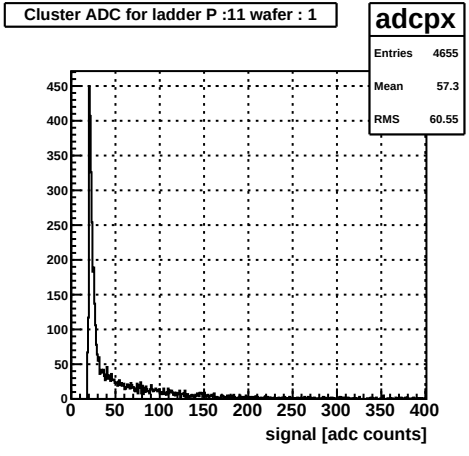

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3832
Mean 54.1
RMS 51.55
signal [adc counts]

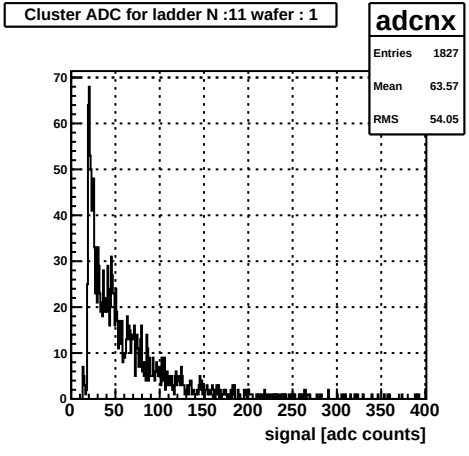

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 34024
Mean 15.04
RMS 1.48
signal [adc counts]

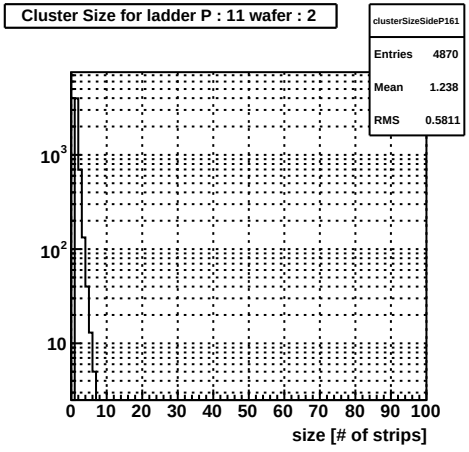

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4655
Mean 1.229
RMS 0.5699
size [# of strips]

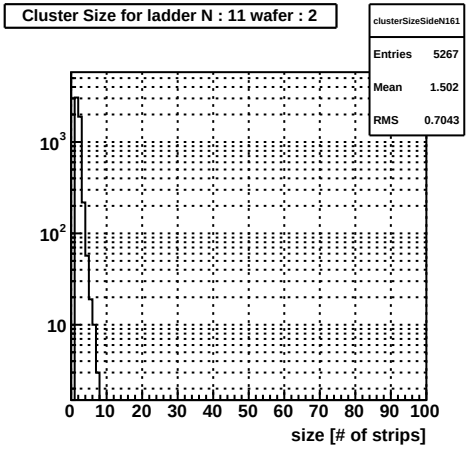

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1827
Mean 1.475
RMS 0.8263
size [# of strips]

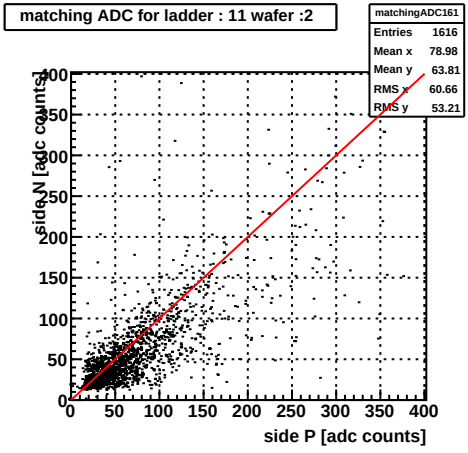

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1395
Mean x 76.25
Mean y 64.24
RMS x 58.9
RMS y 50.81
side N [adc counts]
side P [adc counts]

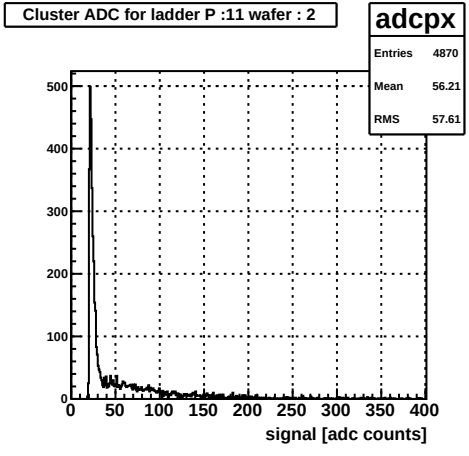

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4655
Mean 57.3
RMS 60.55
signal [adc counts]

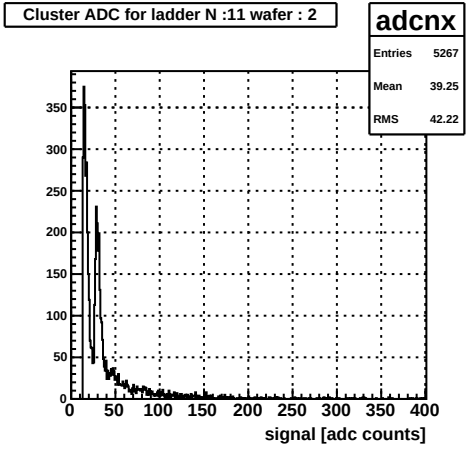

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1827
Mean 63.57
RMS 54.05
signal [adc counts]

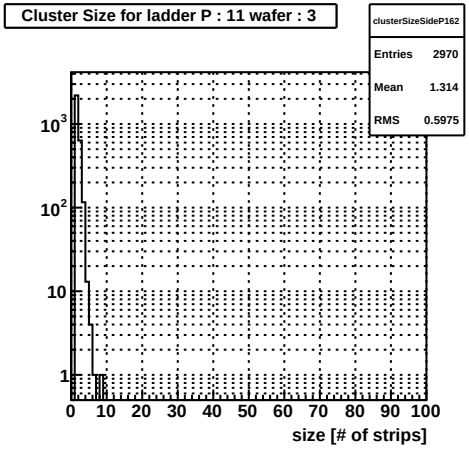

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4870
Mean 1.238
RMS 0.5811
size [# of strips]

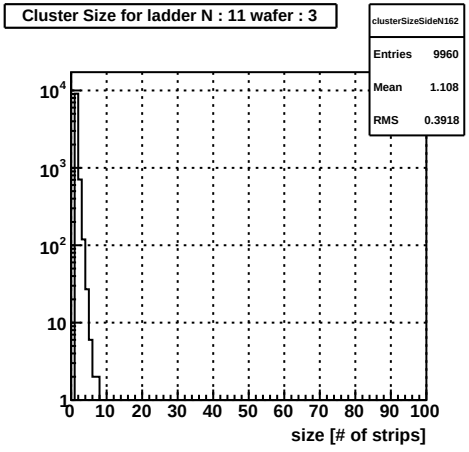

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5267
Mean 1.502
RMS 0.7043
size [# of strips]

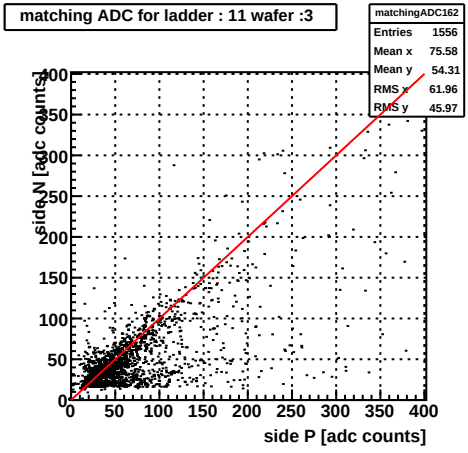

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1616
Mean x 78.98
Mean y 63.81
RMS x 60.66
RMS y 53.21
side N [adc counts]
side P [adc counts]

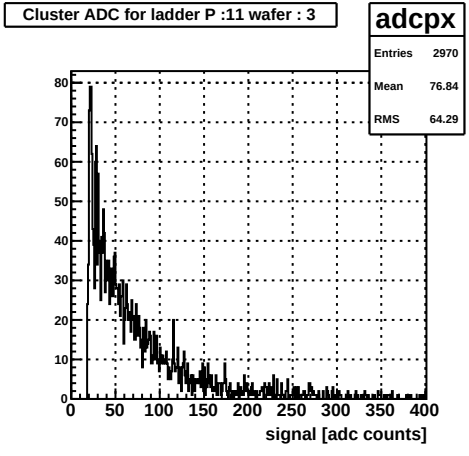

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4870
Mean 56.21
RMS 57.61
signal [adc counts]

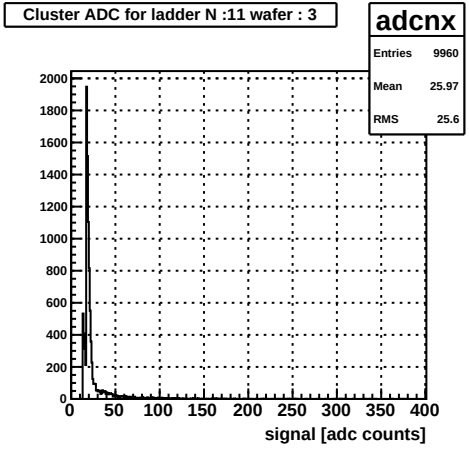

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5267
Mean 39.25
RMS 42.22
signal [adc counts]

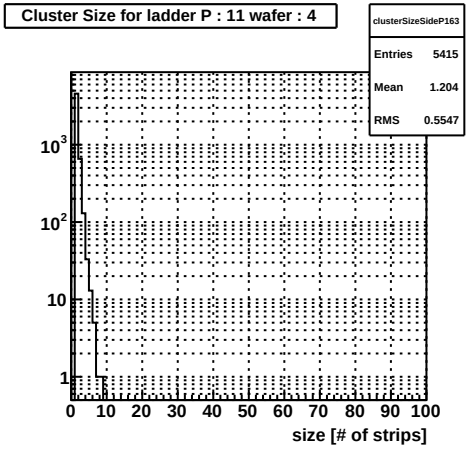

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2970
Mean 1.314
RMS 0.5975
size [# of strips]

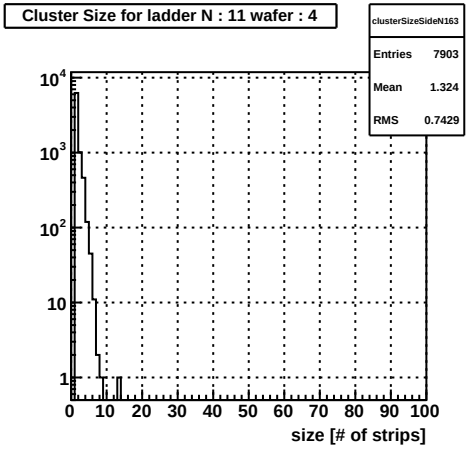

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 9960
Mean 1.108
RMS 0.3918
size [# of strips]

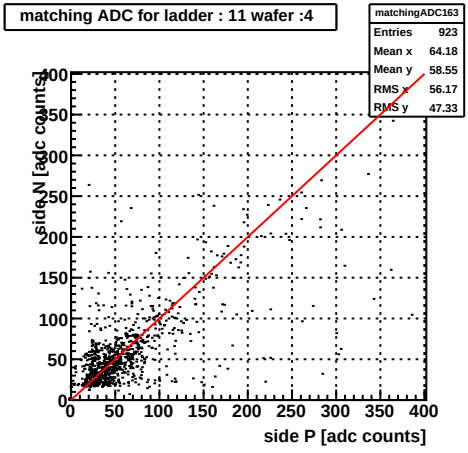

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1556
Mean x 75.58
Mean y 54.31
RMS x 61.96
RMS y 45.97
side N [adc counts]
side P [adc counts]

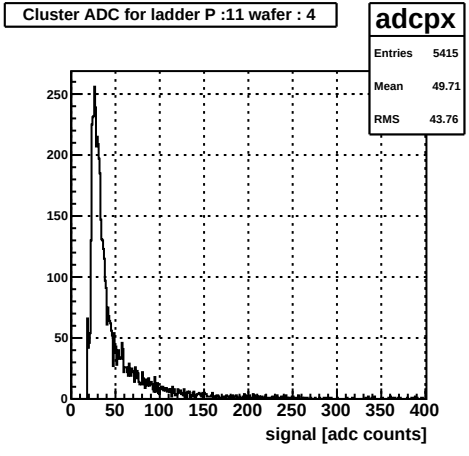

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2970
Mean 76.84
RMS 64.29
signal [adc counts]

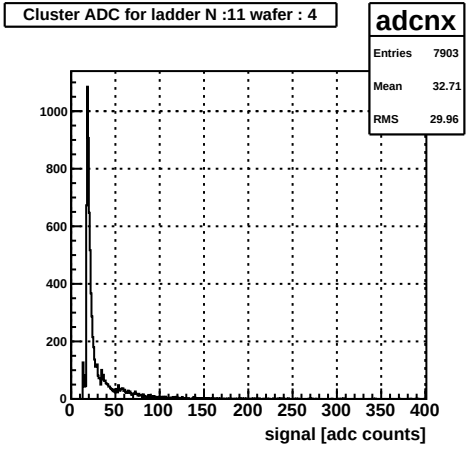

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 9960
Mean 25.97
RMS 25.6
signal [adc counts]

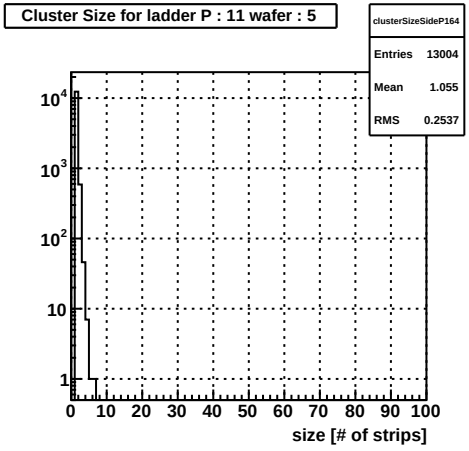

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 5415
Mean 1.204
RMS 0.5547
size [# of strips]

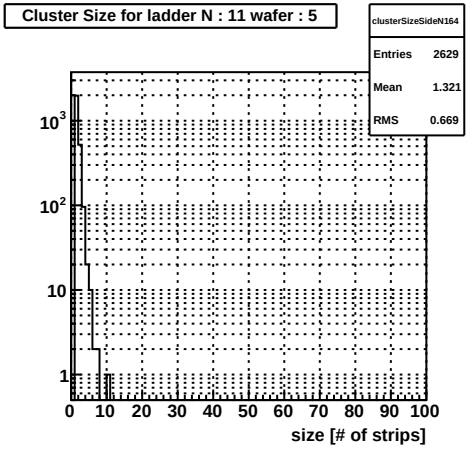

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7903
Mean 1.324
RMS 0.7429
size [# of strips]

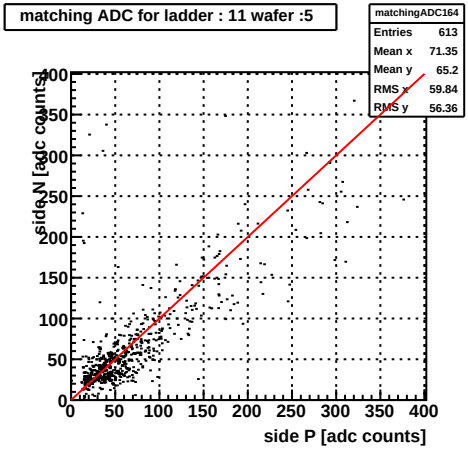

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 923
Mean x 64.18
Mean y 58.55
RMS x 56.17
RMS y 47.33
side N [adc counts]
side P [adc counts]

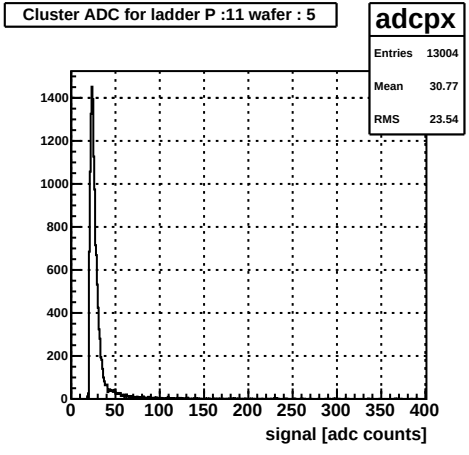

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 5415
Mean 49.71
RMS 43.76
signal [adc counts]

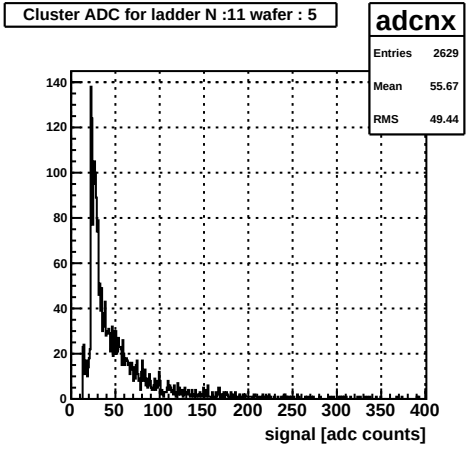

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7903
Mean 32.71
RMS 29.96
signal [adc counts]

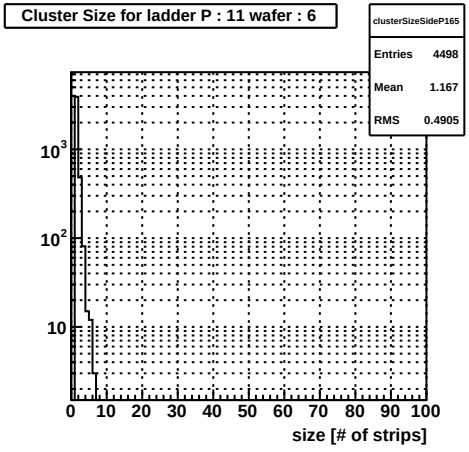

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13004
Mean 1.055
RMS 0.2537
size [# of strips]

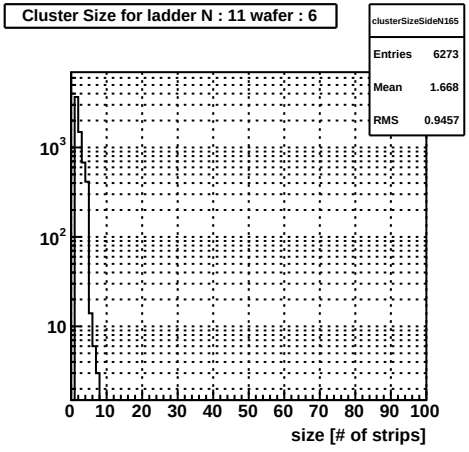

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 2629
Mean 1.321
RMS 0.669
size [# of strips]

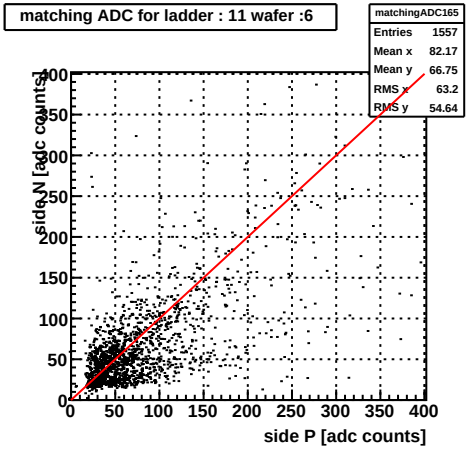

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 613
Mean x 71.35
Mean y 65.2
RMS x 59.84
RMS y 56.36
side N [adc counts]
side P [adc counts]

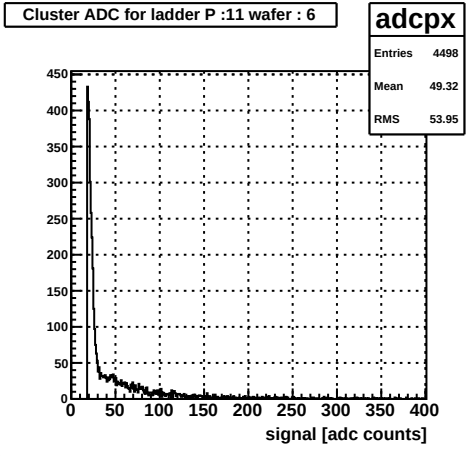

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13004
Mean 30.77
RMS 23.54
signal [adc counts]

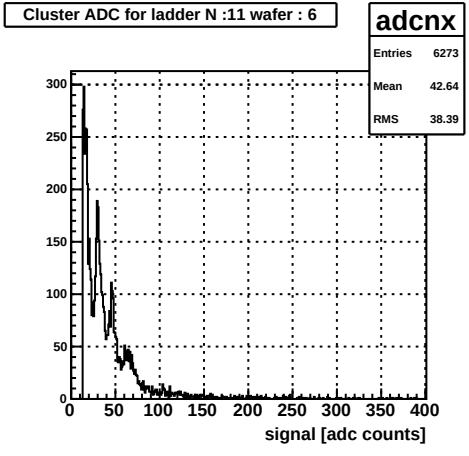

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 2629
Mean 55.67
RMS 49.44
signal [adc counts]

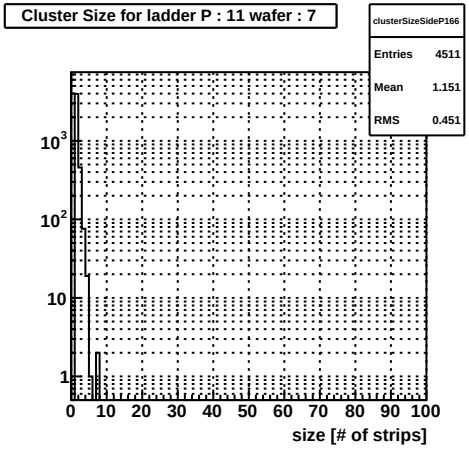

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4498
Mean 1.167
RMS 0.4905
size [# of strips]

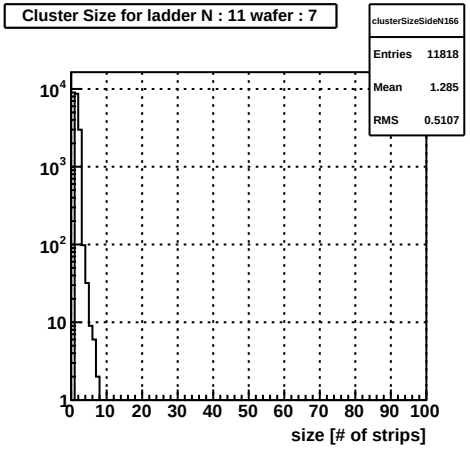

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6273
Mean 1.668
RMS 0.9457
size [# of strips]

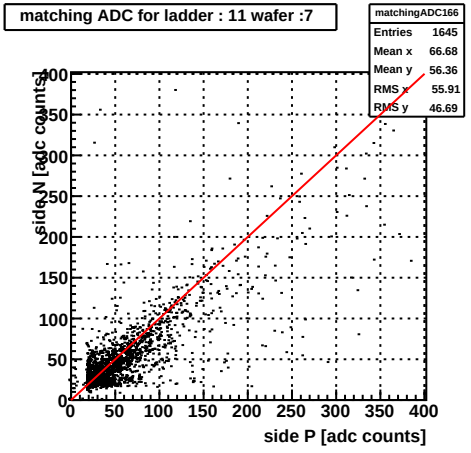

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1557
Mean x 82.17
Mean y 66.75
RMS x 63.2
RMS y 54.64
side N [adc counts]
side P [adc counts]

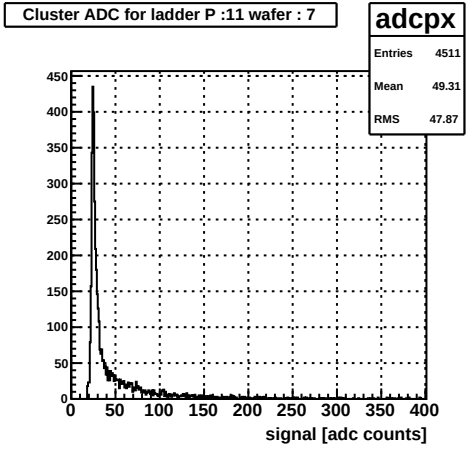

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4498
Mean 49.32
RMS 53.95
signal [adc counts]

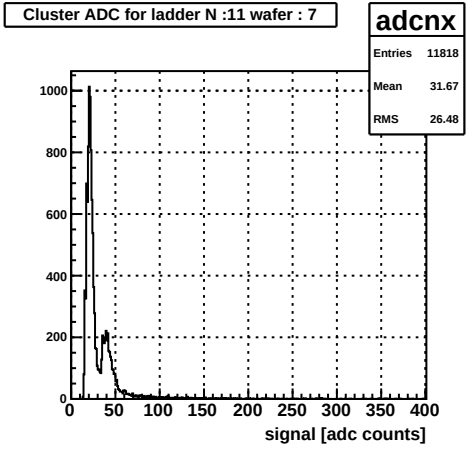

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6273
Mean 42.64
RMS 38.39
signal [adc counts]

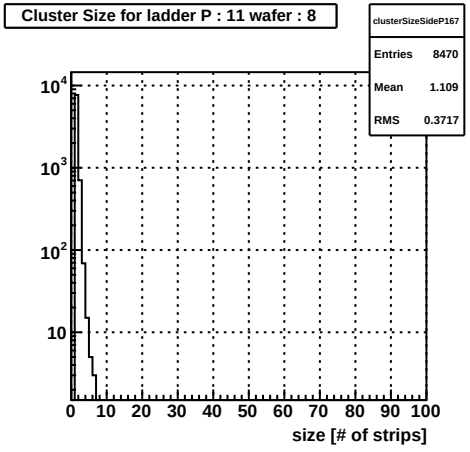

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4511
Mean 1.151
RMS 0.451
size [# of strips]

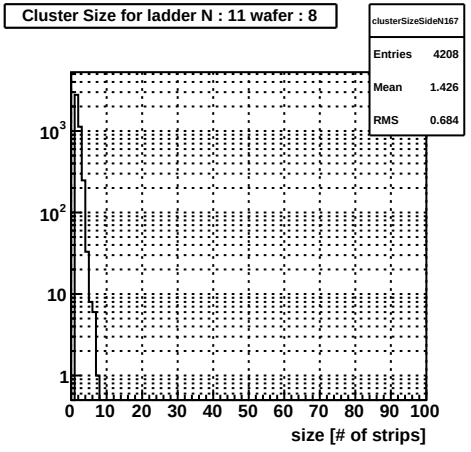

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11818
Mean 1.285
RMS 0.5107
size [# of strips]

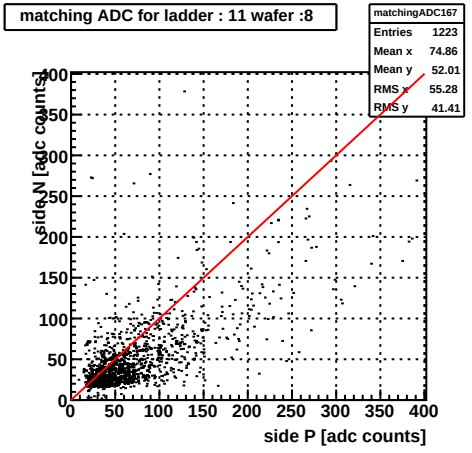

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1645
Mean x 66.68
Mean y 56.36
RMS x 55.91
RMS y 46.69
side N [adc counts]
side P [adc counts]

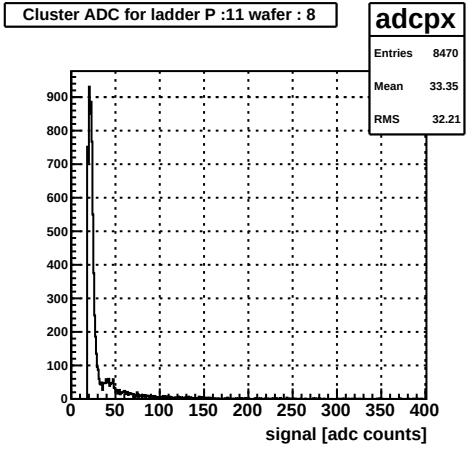

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4511
Mean 49.31
RMS 47.87
signal [adc counts]

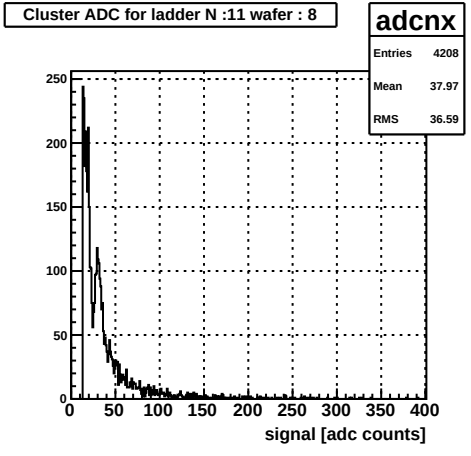

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11818
Mean 31.67
RMS 26.48
signal [adc counts]

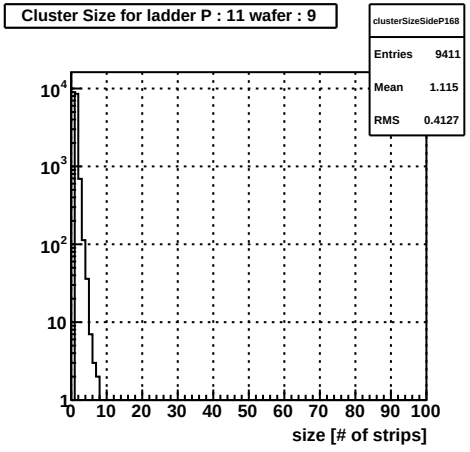

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8470
Mean 1.109
RMS 0.3717
size [# of strips]

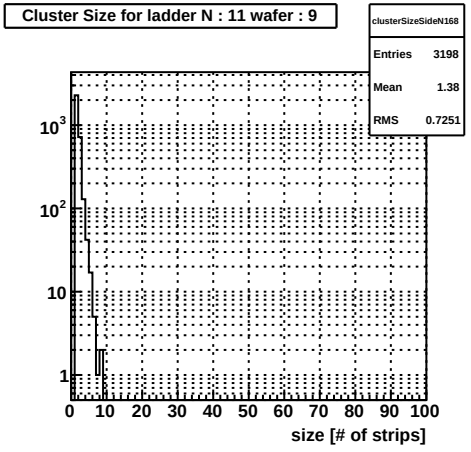

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 4208
Mean 1.426
RMS 0.684
size [# of strips]

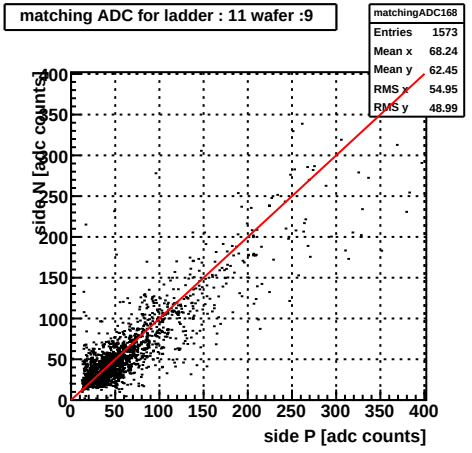

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1223
Mean x 74.86
Mean y 52.01
RMS x 55.28
RMS y 41.41
side N [adc counts]
side P [adc counts]

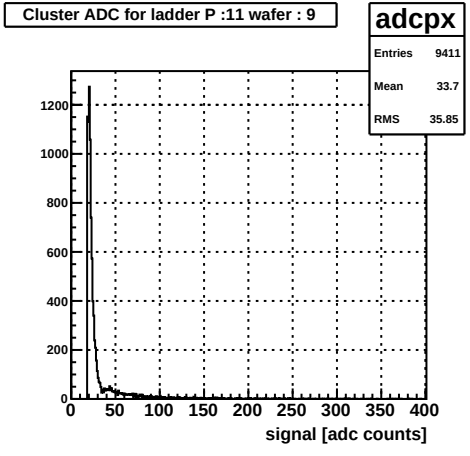

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8470
Mean 33.35
RMS 32.21
signal [adc counts]

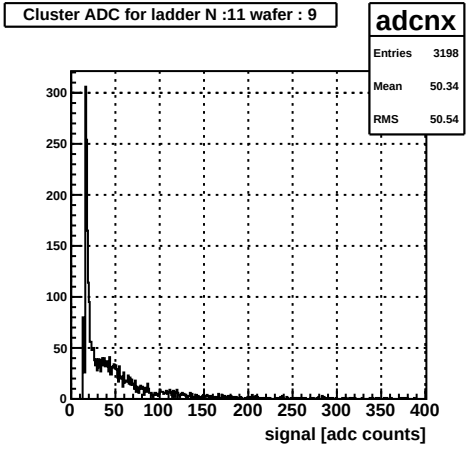

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 4208
Mean 37.97
RMS 36.59
signal [adc counts]

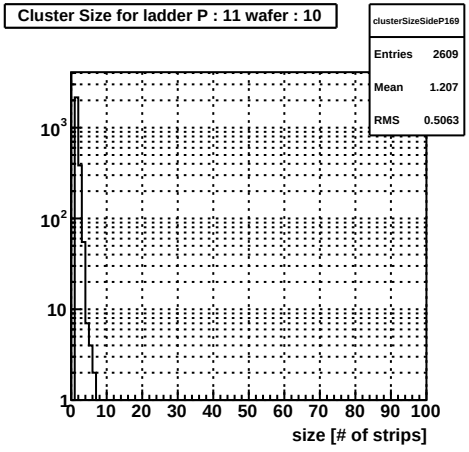

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 9411
Mean 1.115
RMS 0.4127
size [# of strips]

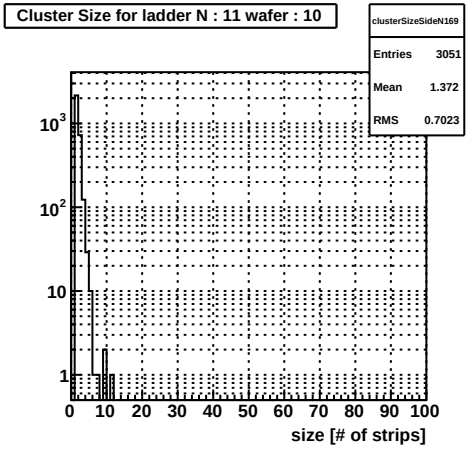

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3198
Mean 1.38
RMS 0.7251
size [# of strips]

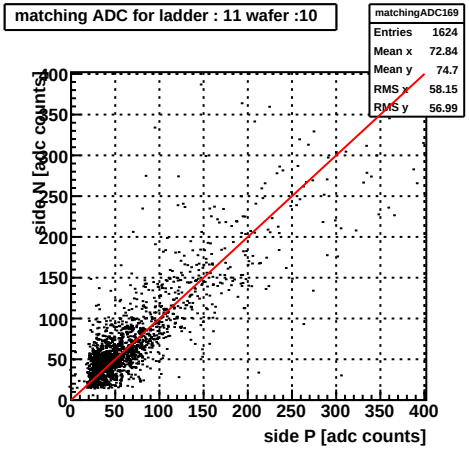

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1573
Mean x 68.24
Mean y 62.45
RMS x 54.95
RMS y 48.99
side N [adc counts]
side P [adc counts]

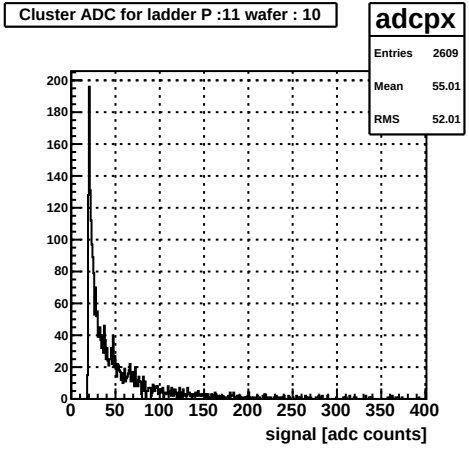

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 9411
Mean 33.7
RMS 35.85
signal [adc counts]

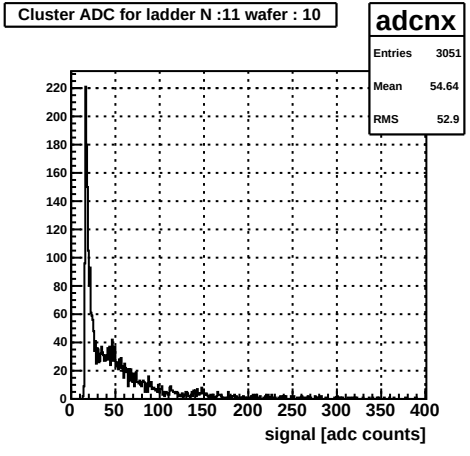

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3198
Mean 50.34
RMS 50.54
signal [adc counts]

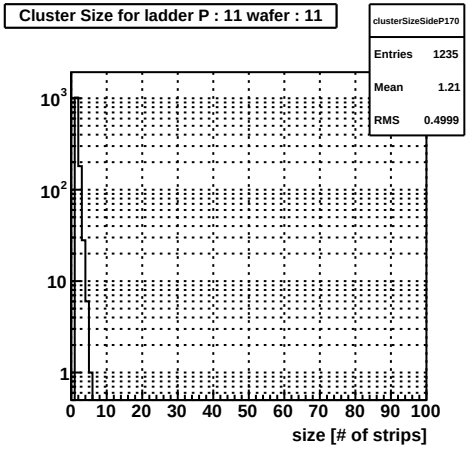

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2609
Mean 1.207
RMS 0.5063
size [# of strips]

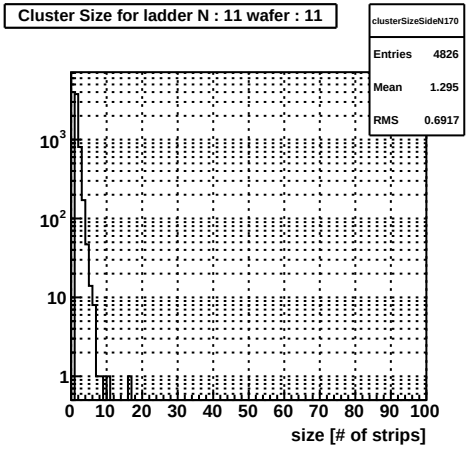

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3051
Mean 1.372
RMS 0.7023
size [# of strips]

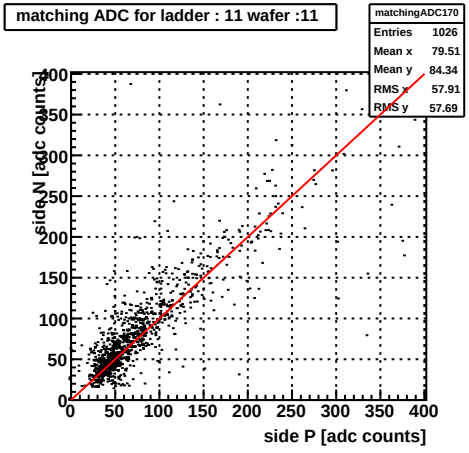

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1624
Mean x 72.84
Mean y 74.7
RMS x 58.15
RMS y 56.99
side N [adc counts]
side P [adc counts]

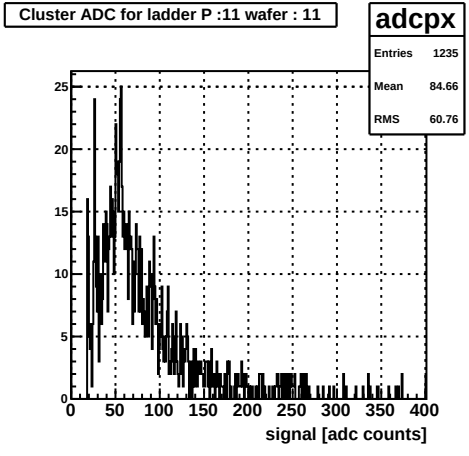

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2609
Mean 55.01
RMS 52.01
signal [adc counts]

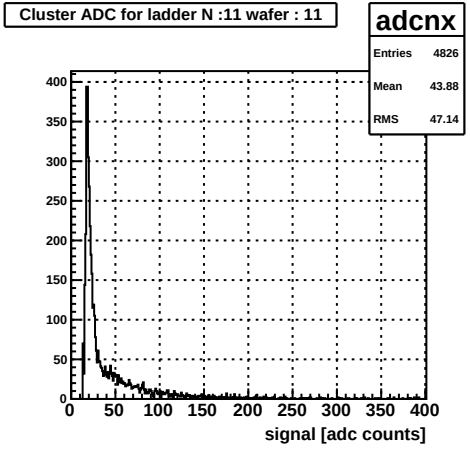

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3051
Mean 54.64
RMS 52.9
signal [adc counts]

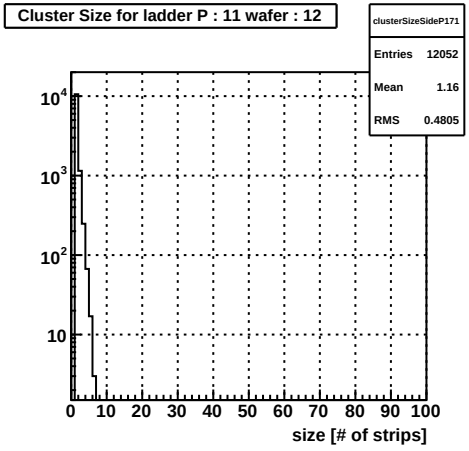

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1235
Mean 1.21
RMS 0.4999
size [# of strips]

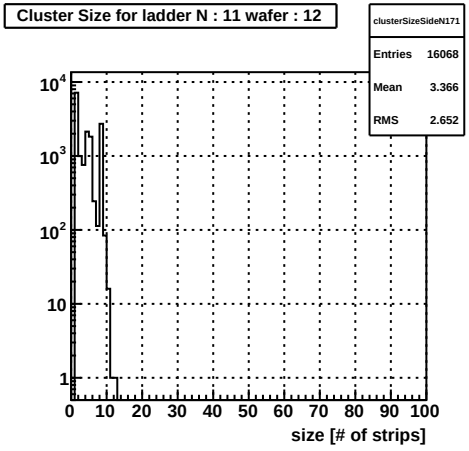

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4826
Mean 1.295
RMS 0.6917
size [# of strips]

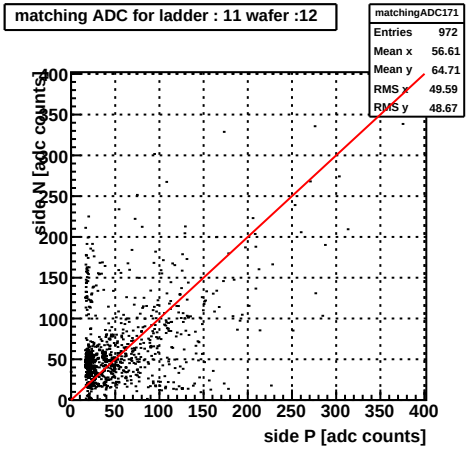

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1026
Mean x 79.51
Mean y 84.34
RMS x 57.91
RMS y 57.69
side N [adc counts]
side P [adc counts]

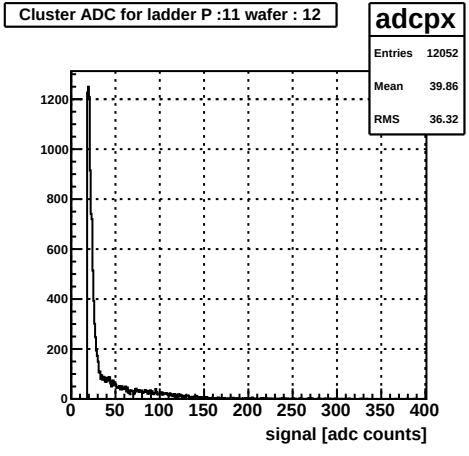

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1235
Mean 84.66
RMS 60.76
signal [adc counts]

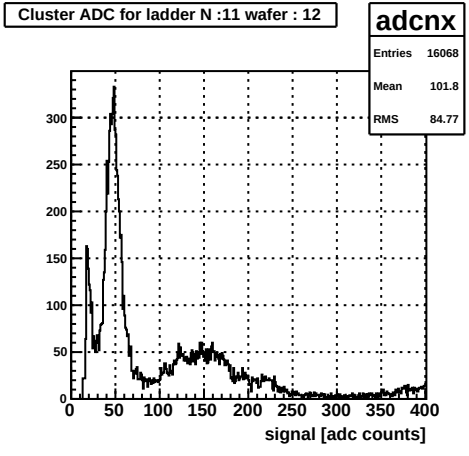

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4826
Mean 43.88
RMS 47.14
signal [adc counts]

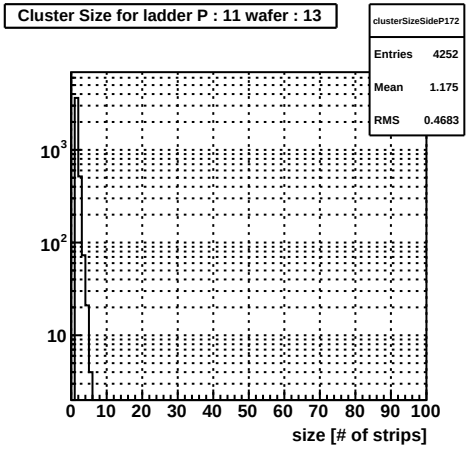

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 12052
Mean 1.16
RMS 0.4805
size [# of strips]

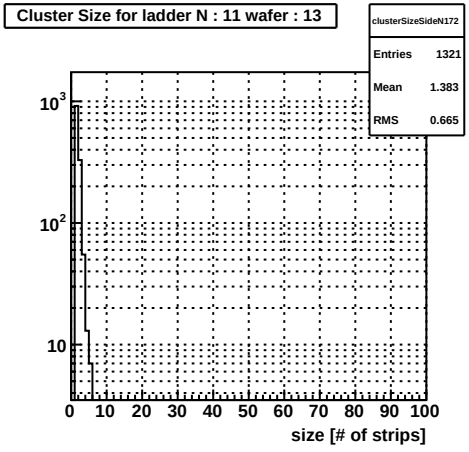

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 16068
Mean 3.366
RMS 2.652
size [# of strips]

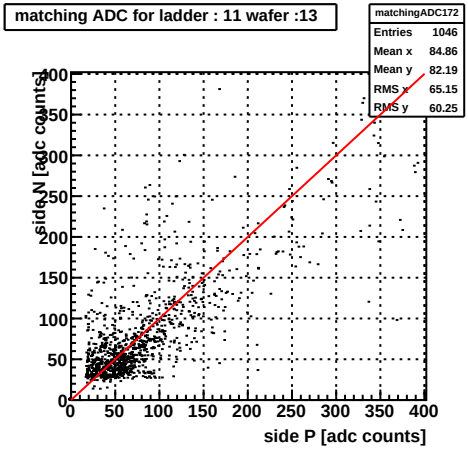

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 972
Mean x 56.61
Mean y 64.71
RMS x 49.59
RMS y 48.67
side N [adc counts]
side P [adc counts]

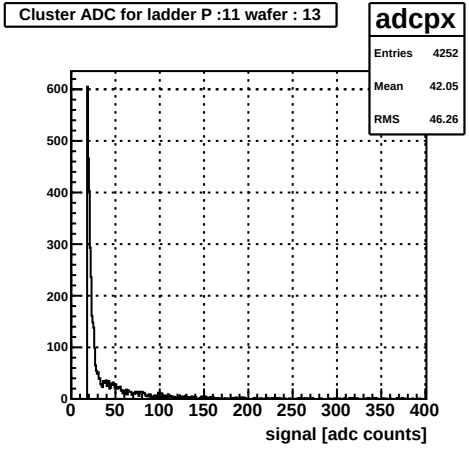

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 12052
Mean 39.86
RMS 36.32
signal [adc counts]

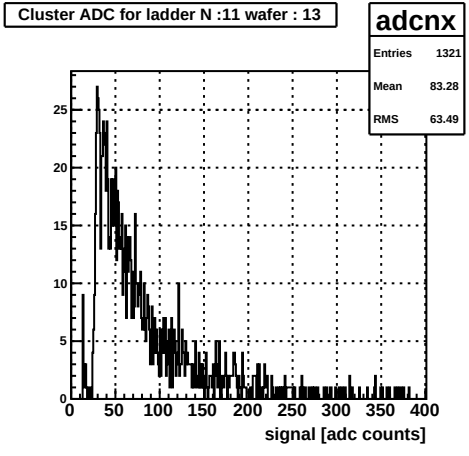

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 16068
Mean 101.8
RMS 84.77
signal [adc counts]

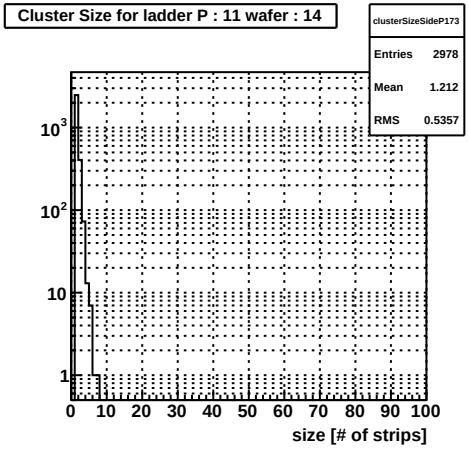

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4252
Mean 1.175
RMS 0.4683
size [# of strips]

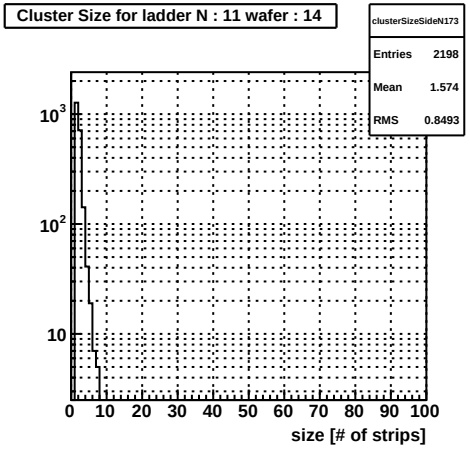

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1321
Mean 1.383
RMS 0.665
size [# of strips]

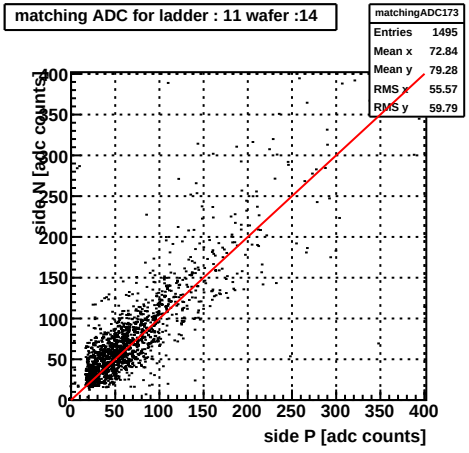

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1046
Mean x 84.86
Mean y 82.19
RMS x 65.15
RMS y 60.25
side N [adc counts]
side P [adc counts]

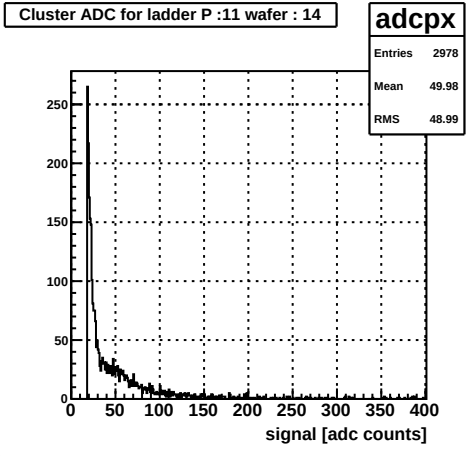

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4252
Mean 42.05
RMS 46.26
signal [adc counts]

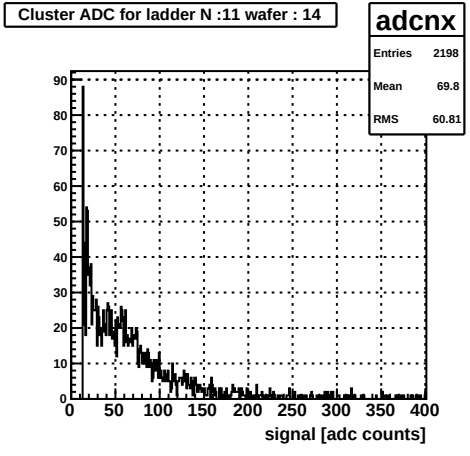

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1321
Mean 83.28
RMS 63.49
signal [adc counts]

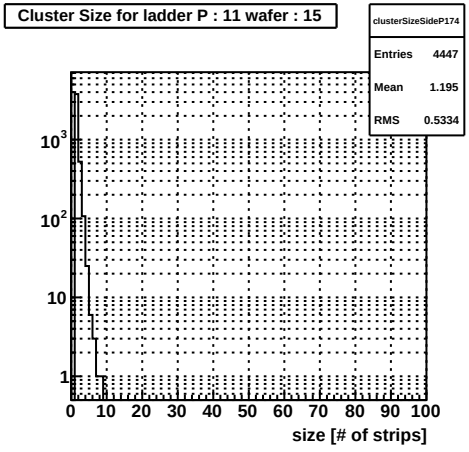

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2978
Mean 1.212
RMS 0.5357
size [# of strips]

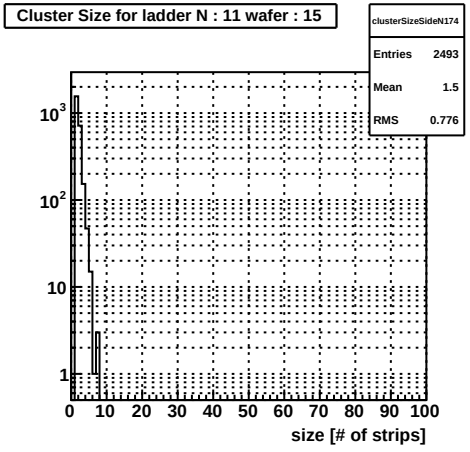

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2198
Mean 1.574
RMS 0.8493
size [# of strips]

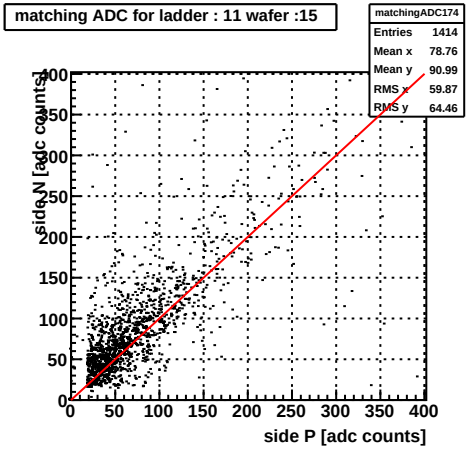

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1495
Mean x 72.84
Mean y 79.28
RMS x 55.57
RMS y 59.79
side N [adc counts]
side P [adc counts]

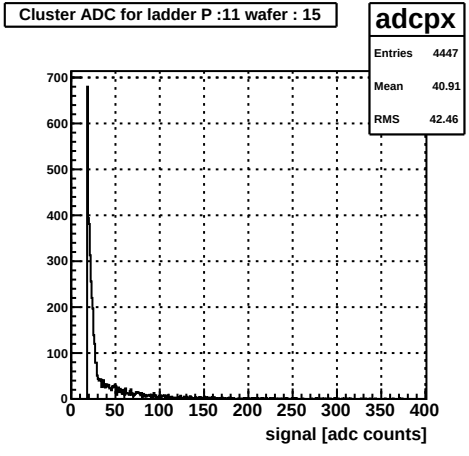

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2978
Mean 49.98
RMS 48.99
signal [adc counts]

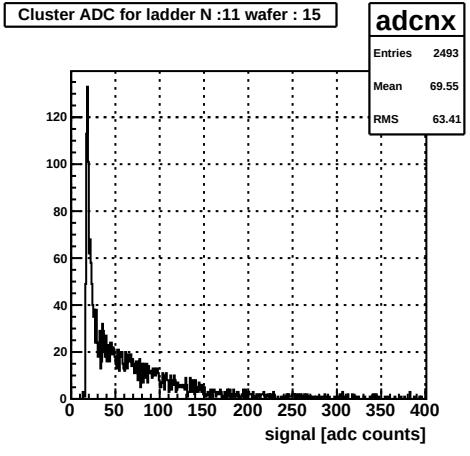

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2198
Mean 69.8
RMS 60.81
signal [adc counts]

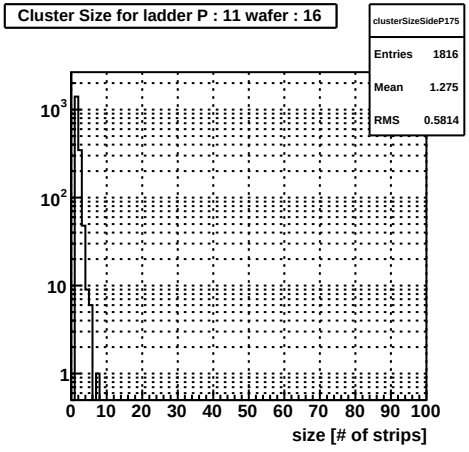

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4447
Mean 1.195
RMS 0.5334
size [# of strips]

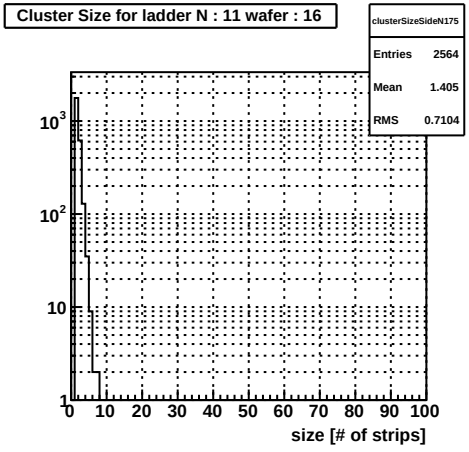

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2493
Mean 1.5
RMS 0.776
size [# of strips]

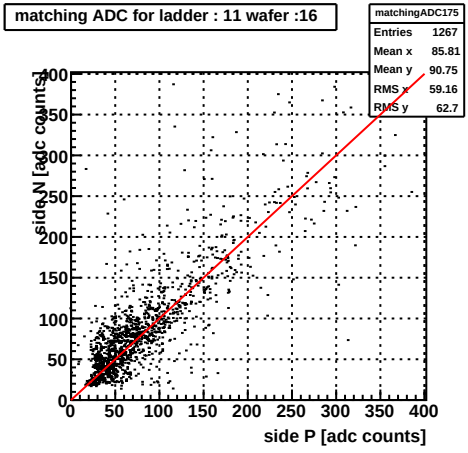

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1414
Mean x 78.76
Mean y 90.99
RMS x 59.87
RMS y 64.46
side N [adc counts]
side P [adc counts]

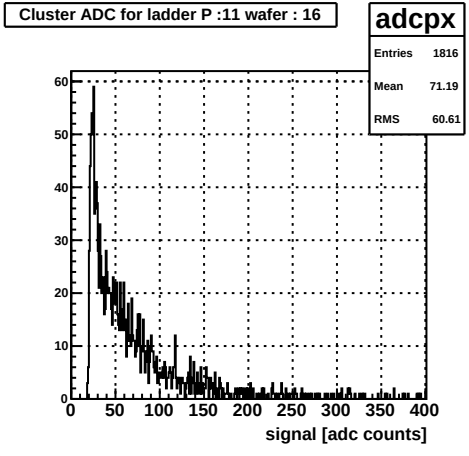

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4447
Mean 40.91
RMS 42.46
signal [adc counts]

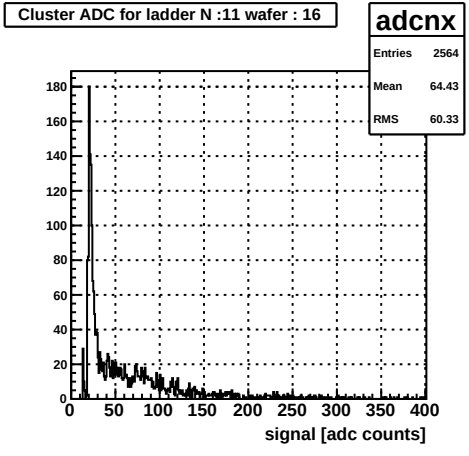

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2493
Mean 69.55
RMS 63.41
signal [adc counts]

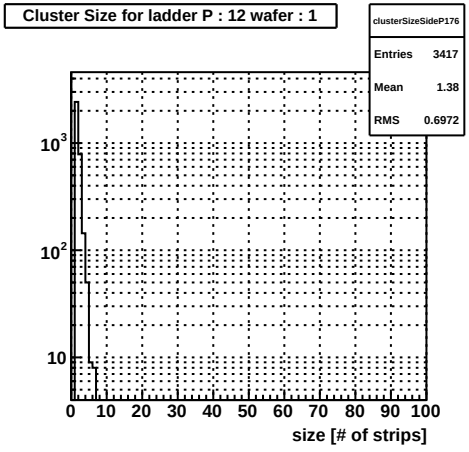

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1816
Mean 1.275
RMS 0.5814
size [# of strips]

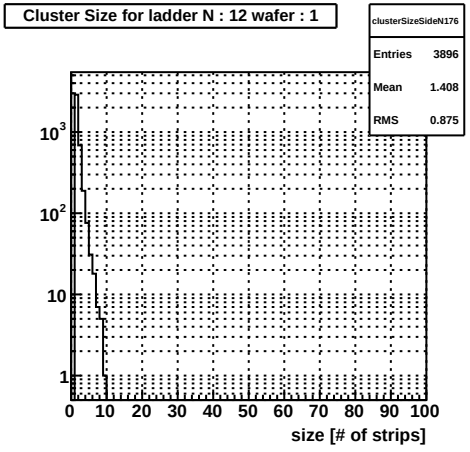

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2564
Mean 1.405
RMS 0.7104
size [# of strips]

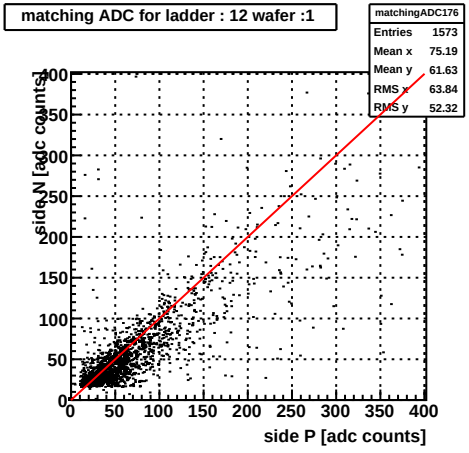

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1267
Mean x 85.81
Mean y 90.75
RMS x 59.16
RMS y 62.7
side N [adc counts]
side P [adc counts]

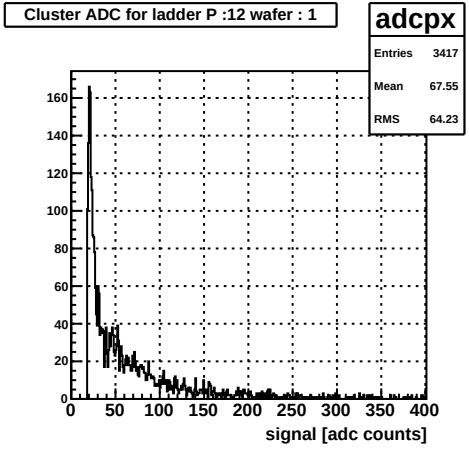

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1816
Mean 71.19
RMS 60.61
signal [adc counts]

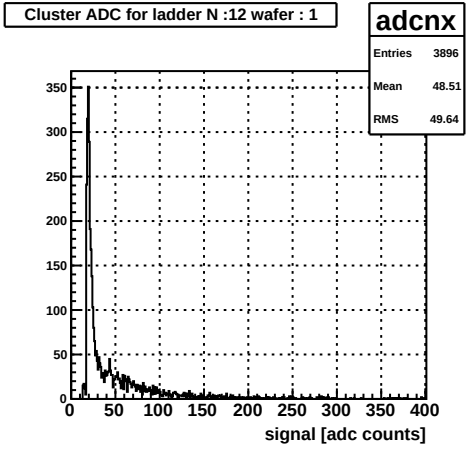

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2564
Mean 64.43
RMS 60.33
signal [adc counts]

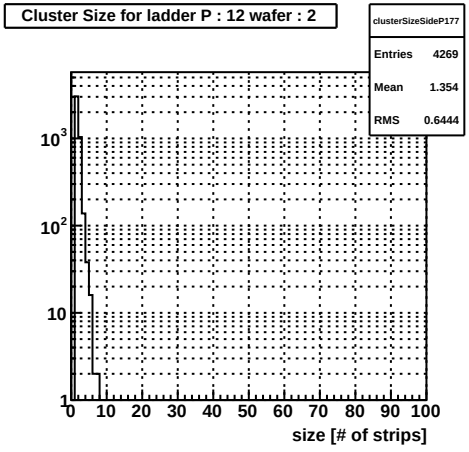

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3417
Mean 1.38
RMS 0.6972
size [# of strips]

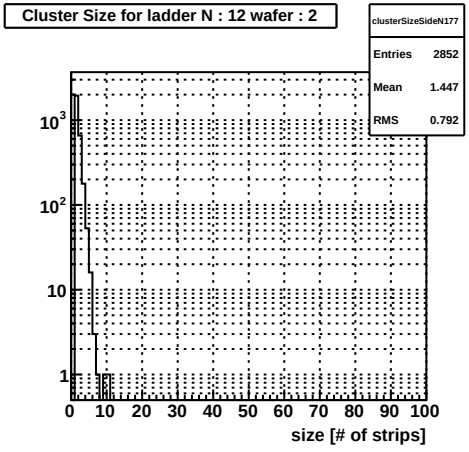

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 3896
Mean 1.408
RMS 0.875
size [# of strips]

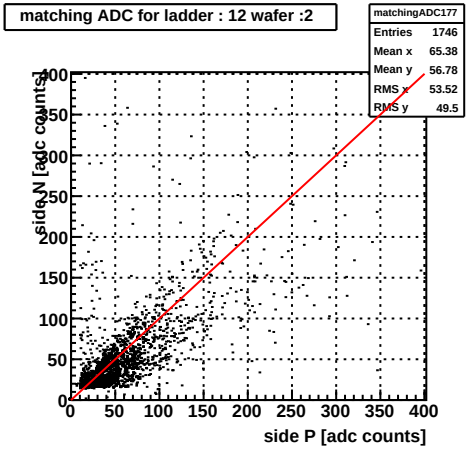

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1573
Mean x 75.19
Mean y 61.63
RMS x 63.84
RMS y 52.32
side N [adc counts]
side P [adc counts]

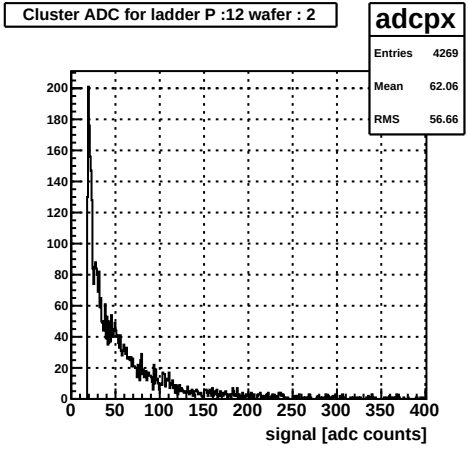

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3417
Mean 67.55
RMS 64.23
signal [adc counts]

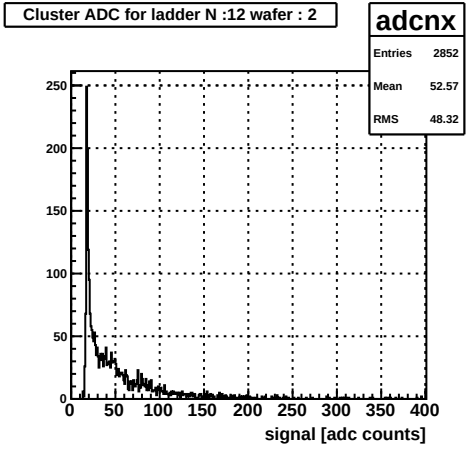

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 3896
Mean 48.51
RMS 49.64
signal [adc counts]

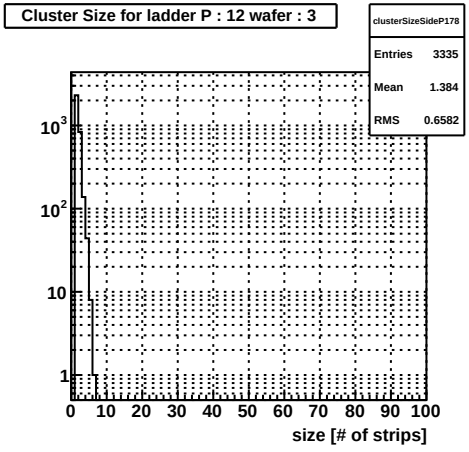

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4269
Mean 1.354
RMS 0.6444
size [# of strips]

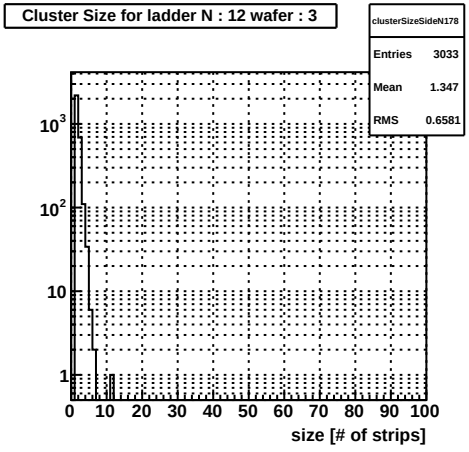

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 2852
Mean 1.447
RMS 0.792
size [# of strips]

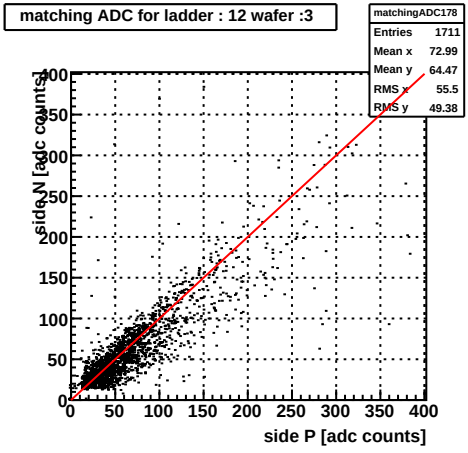

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1746
Mean x 65.38
Mean y 56.78
RMS x 53.52
RMS y 49.5
side N [adc counts]
side P [adc counts]

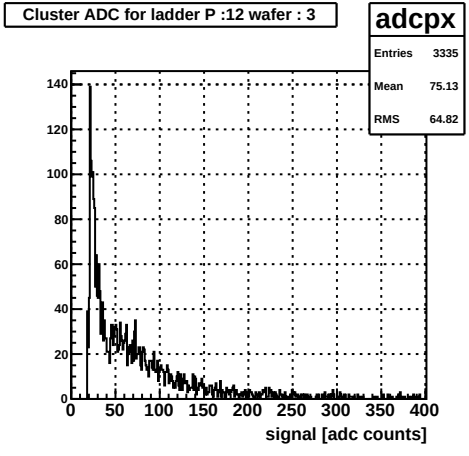

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4269
Mean 62.06
RMS 56.66
signal [adc counts]

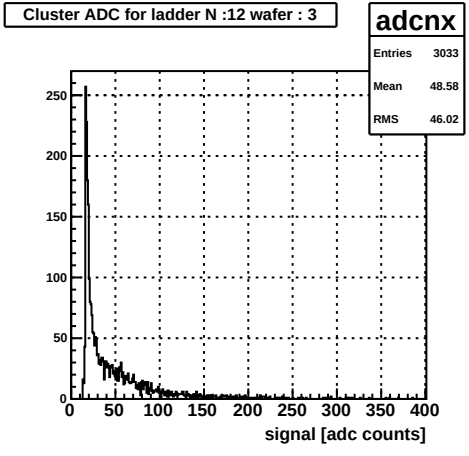

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 2852
Mean 52.57
RMS 48.32
signal [adc counts]

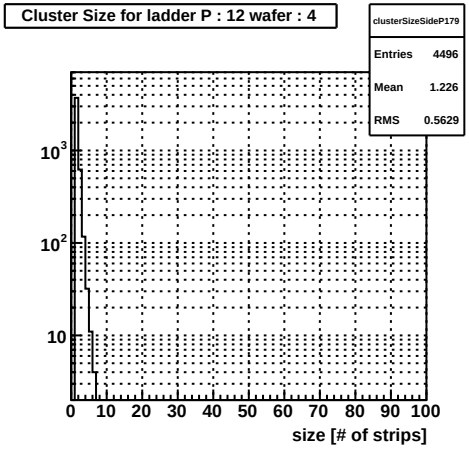

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3335
Mean 1.384
RMS 0.6582
size [# of strips]

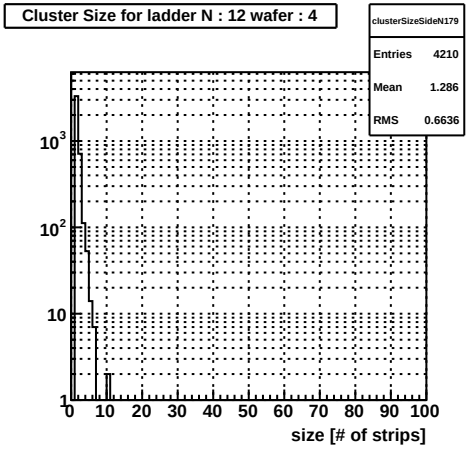

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3033
Mean 1.347
RMS 0.6581
size [# of strips]

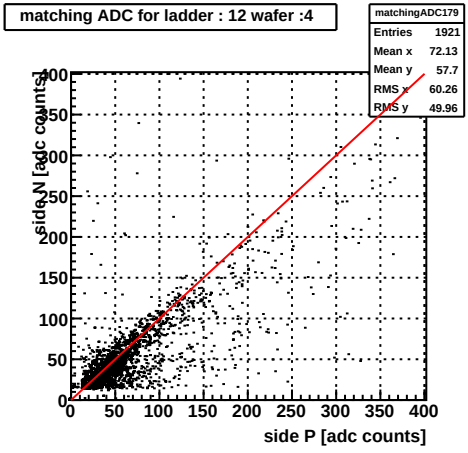

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1711
Mean x 72.99
Mean y 64.47
RMS x 55.5
RMS y 49.38
side N [adc counts]
side P [adc counts]

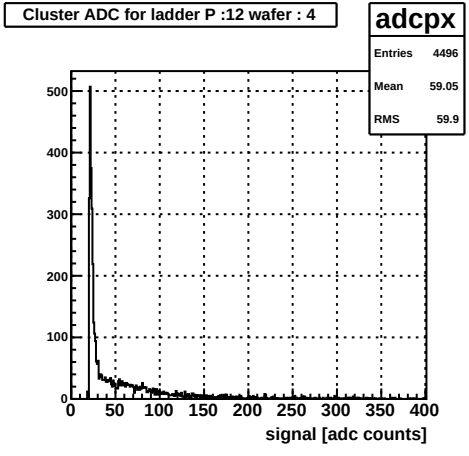

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3335
Mean 75.13
RMS 64.82
signal [adc counts]

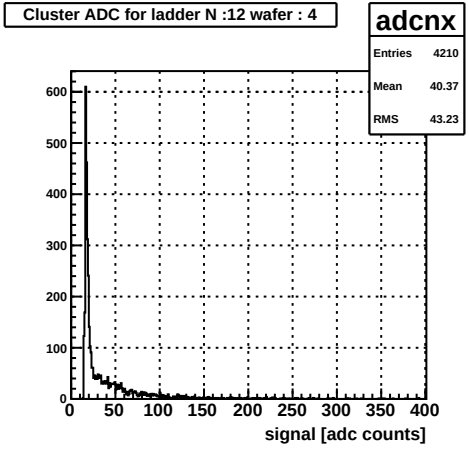

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3033
Mean 48.58
RMS 46.02
signal [adc counts]

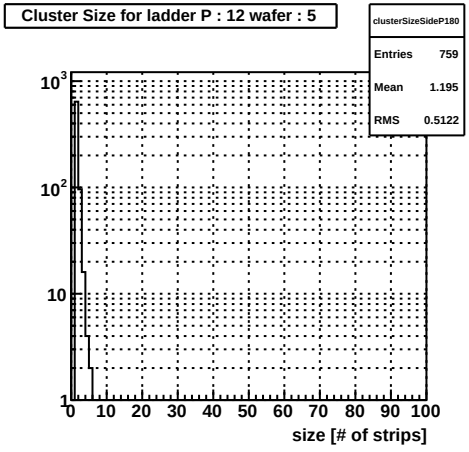

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4496
Mean 1.226
RMS 0.5629
size [# of strips]

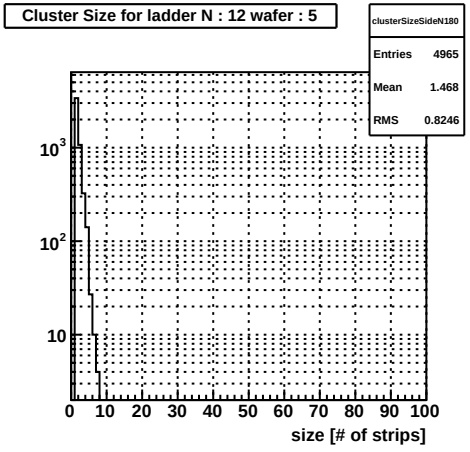

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 4210
Mean 1.286
RMS 0.6636
size [# of strips]

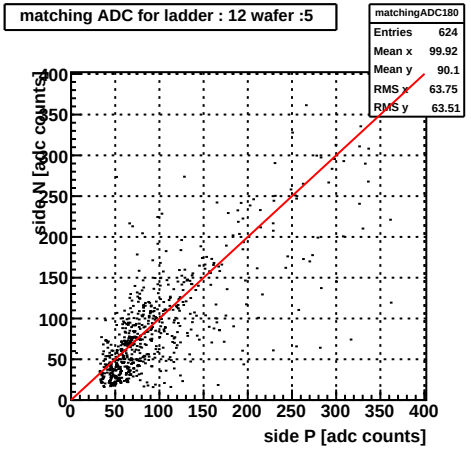

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1921
Mean x 72.13
Mean y 57.7
RMS x 60.26
RMS y 49.96
side N [adc counts]
side P [adc counts]

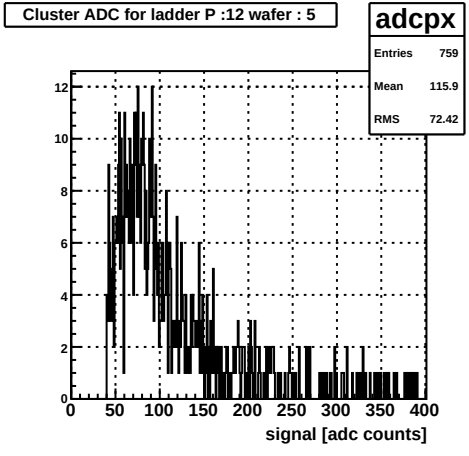

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4496
Mean 59.05
RMS 59.9
signal [adc counts]

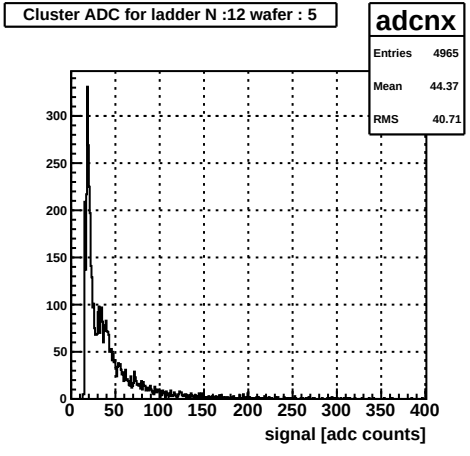

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 4210
Mean 40.37
RMS 43.23
signal [adc counts]

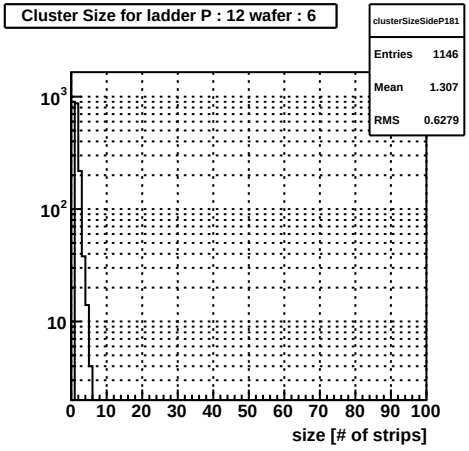

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 759
Mean 1.195
RMS 0.5122
size [# of strips]

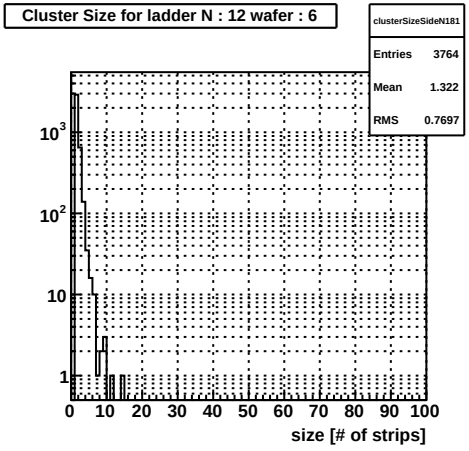

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 4965
Mean 1.468
RMS 0.8246
size [# of strips]

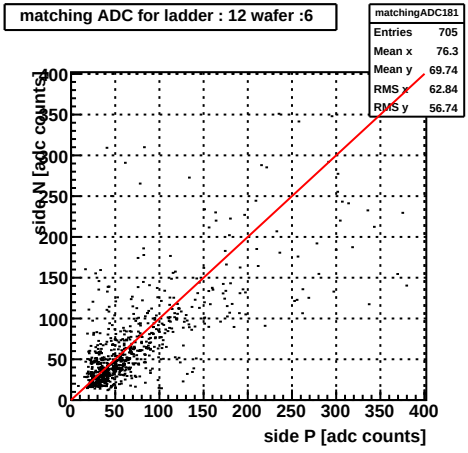

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 624
Mean x 99.92
Mean y 90.1
RMS x 63.75
RMS y 63.51
side N [adc counts]
side P [adc counts]

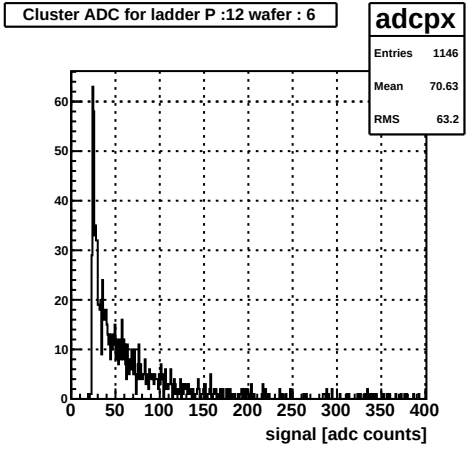

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 759
Mean 115.9
RMS 72.42
signal [adc counts]

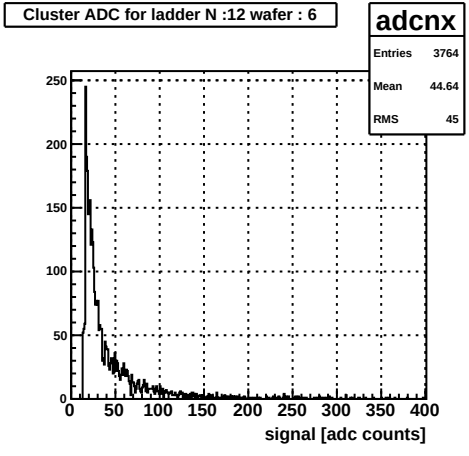

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 4965
Mean 44.37
RMS 40.71
signal [adc counts]

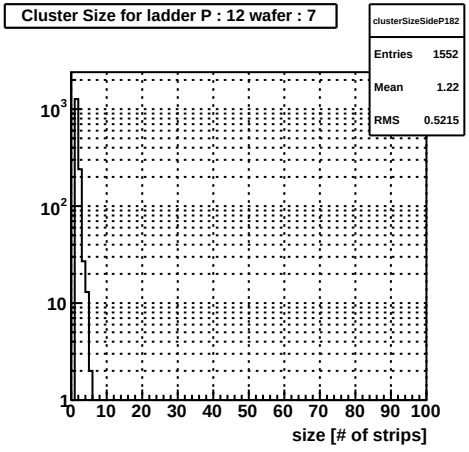

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1146
Mean 1.307
RMS 0.6279
size [# of strips]

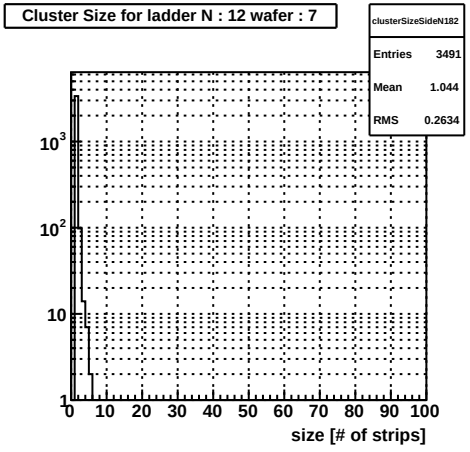

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 3764
Mean 1.322
RMS 0.7697
size [# of strips]

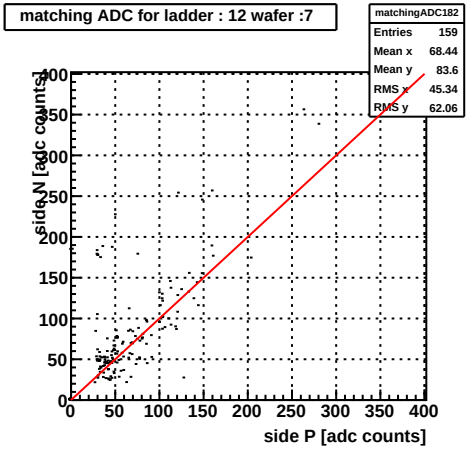

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 705
Mean x 76.3
Mean y 69.74
RMS x 62.84
RMS y 56.74
side N [adc counts]
side P [adc counts]

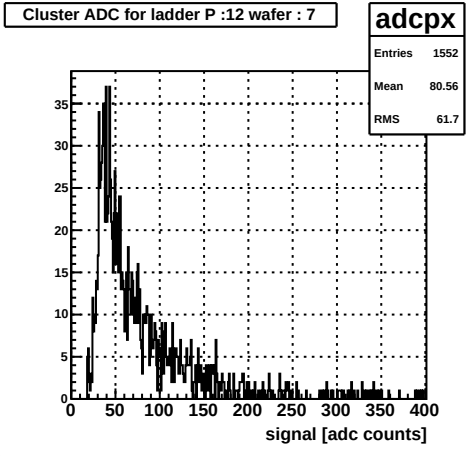

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1146
Mean 70.63
RMS 63.2
signal [adc counts]

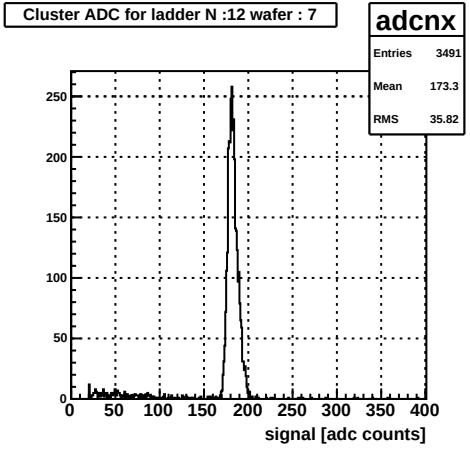

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 3764
Mean 44.64
RMS 45
signal [adc counts]

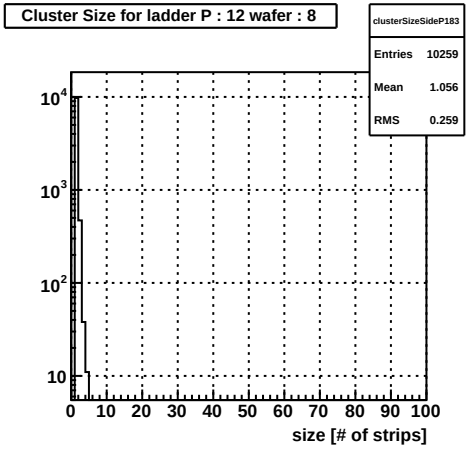

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1552
Mean 1.22
RMS 0.5215
size [# of strips]

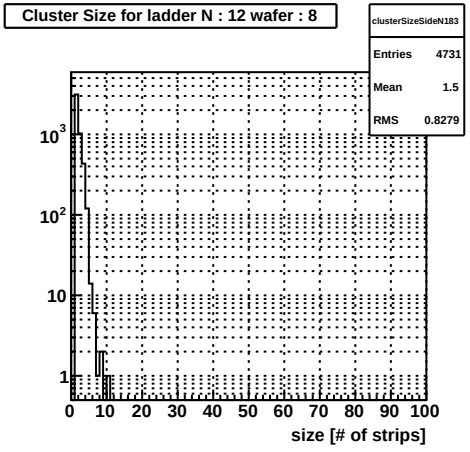

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 3491
Mean 1.044
RMS 0.2634
size [# of strips]

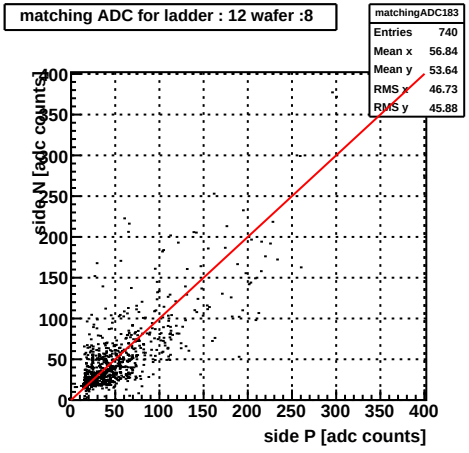

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 159
Mean x 68.44
Mean y 83.6
RMS x 45.34
RMS y 62.06
side N [adc counts]
side P [adc counts]

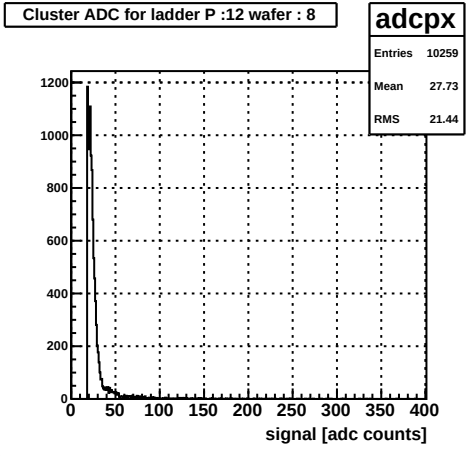

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1552
Mean 80.56
RMS 61.7
signal [adc counts]

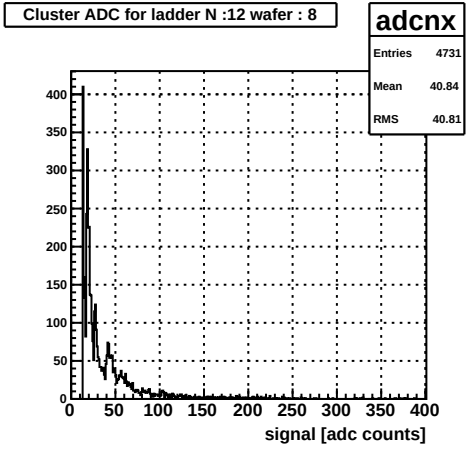

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 3491
Mean 173.3
RMS 35.82
signal [adc counts]

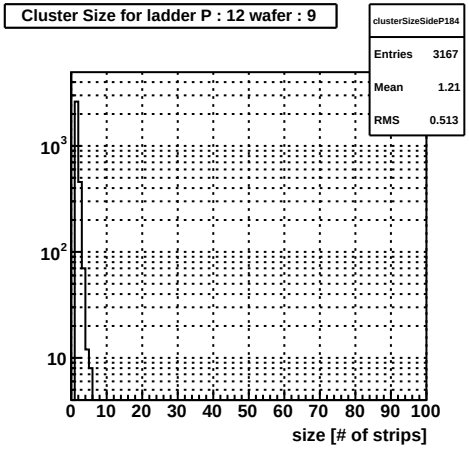

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 10259
Mean 1.056
RMS 0.259
size [# of strips]

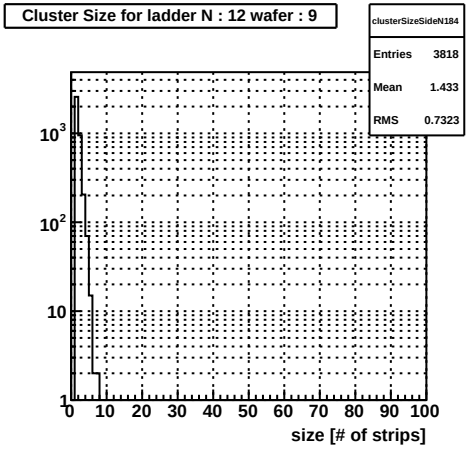

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 4731
Mean 1.5
RMS 0.8279
size [# of strips]

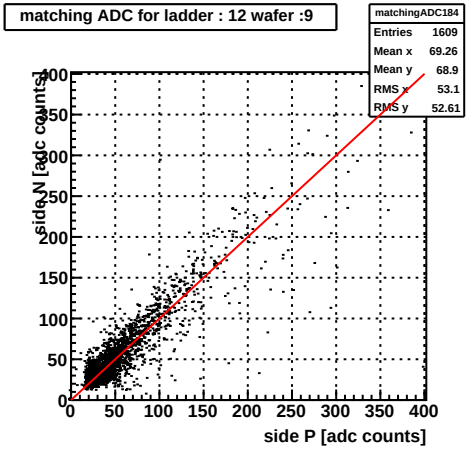

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 740
Mean x 56.84
Mean y 53.64
RMS x 46.73
RMS y 45.88
side N [adc counts]
side P [adc counts]

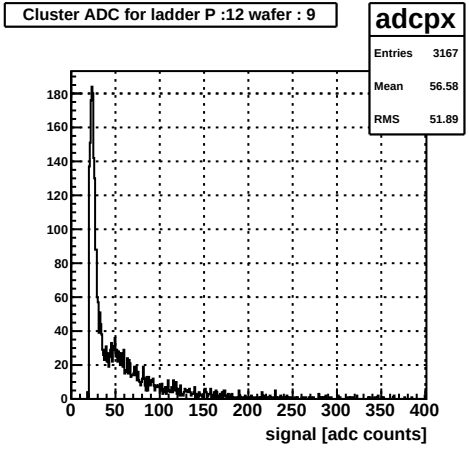

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 10259
Mean 27.73
RMS 21.44
signal [adc counts]

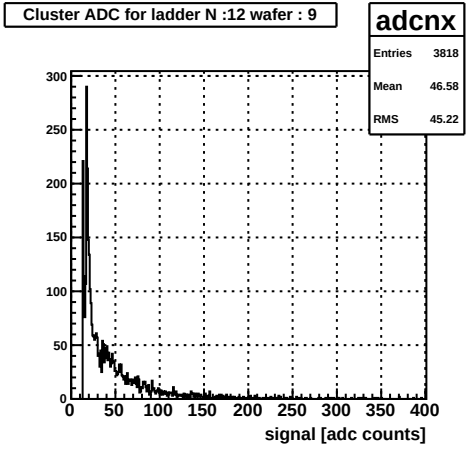

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 4731
Mean 40.84
RMS 40.81
signal [adc counts]

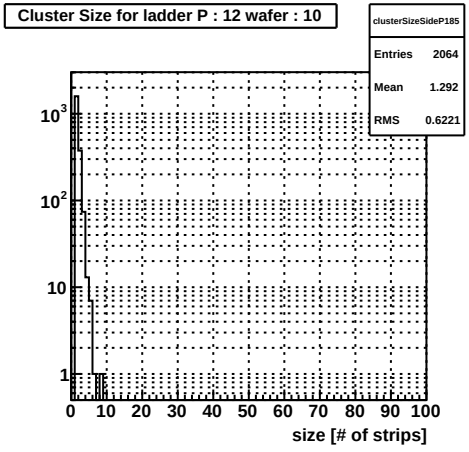

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3167
Mean 1.21
RMS 0.513
size [# of strips]

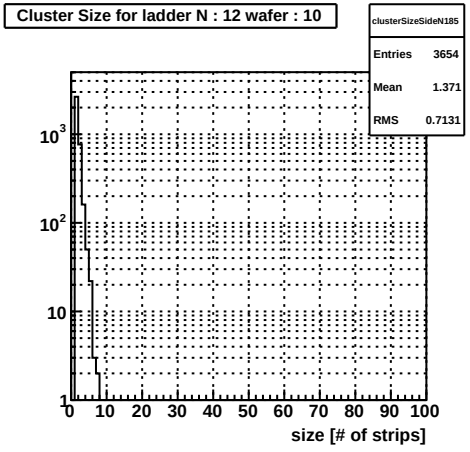

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3818
Mean 1.433
RMS 0.7323
size [# of strips]

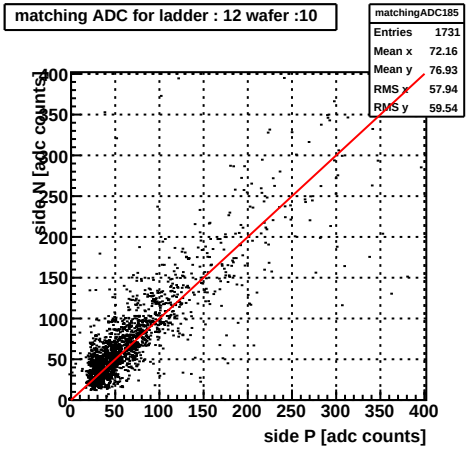

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1609
Mean x 69.26
Mean y 68.9
RMS x 53.1
RMS y 52.61
side N [adc counts]
side P [adc counts]

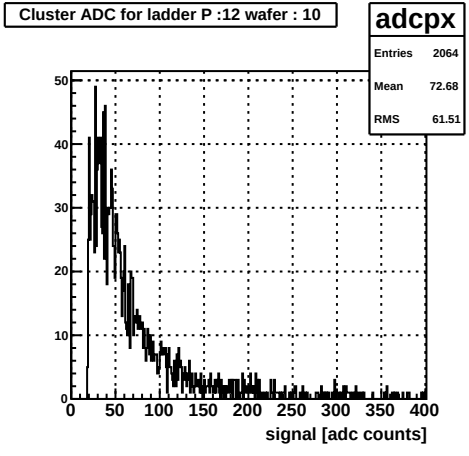

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3167
Mean 56.58
RMS 51.89
signal [adc counts]

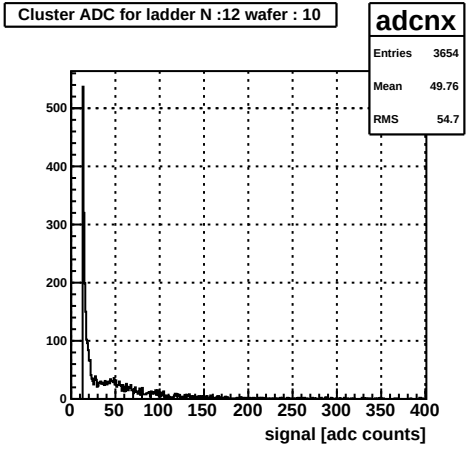

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3818
Mean 46.58
RMS 45.22
signal [adc counts]

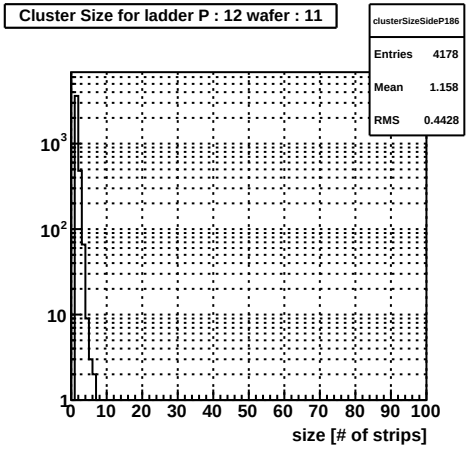

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2064
Mean 1.292
RMS 0.6221
size [# of strips]

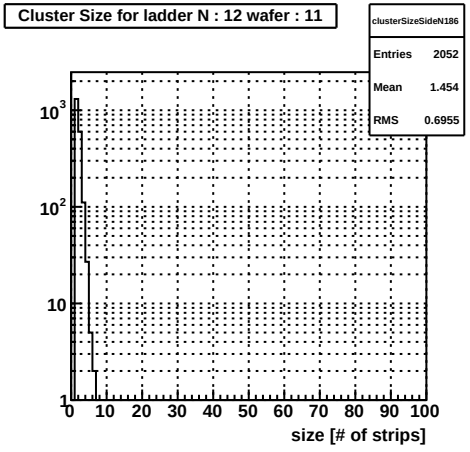

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3654
Mean 1.371
RMS 0.7131
size [# of strips]

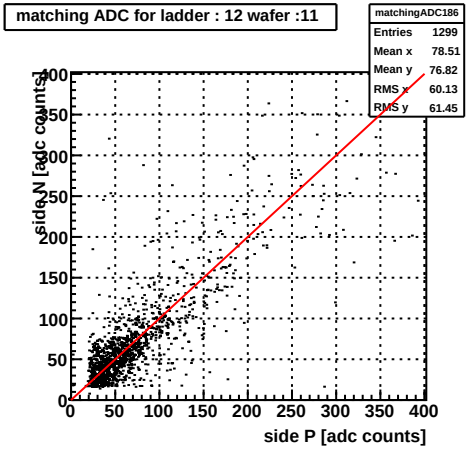

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1731
Mean x 72.16
Mean y 76.93
RMS x 57.94
RMS y 59.54
side N [adc counts]
side P [adc counts]

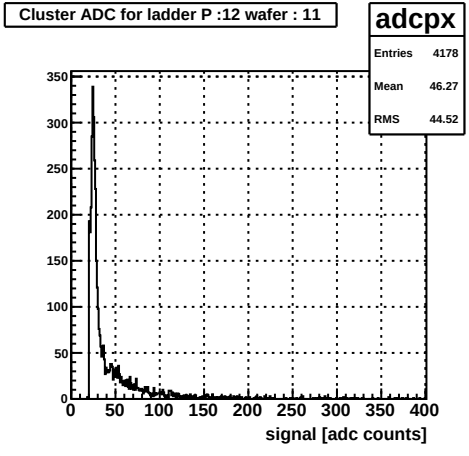

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2064
Mean 72.68
RMS 61.51
signal [adc counts]

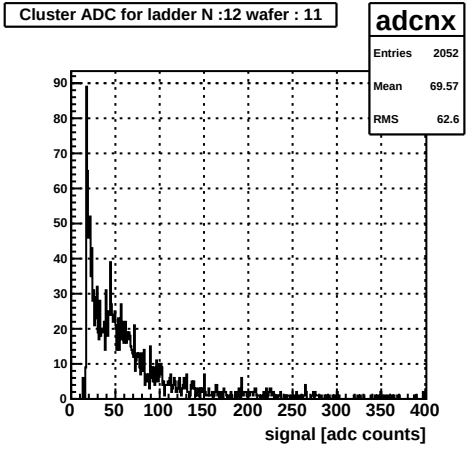

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3654
Mean 49.76
RMS 54.7
signal [adc counts]

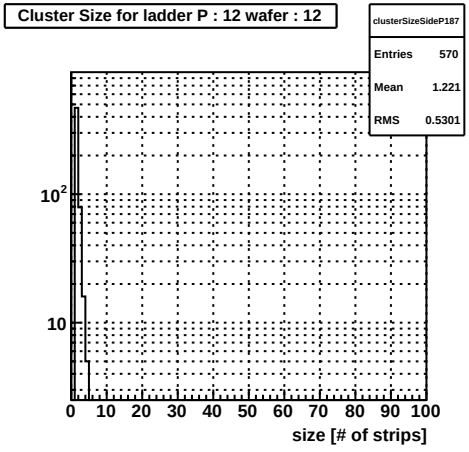

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4178
Mean 1.158
RMS 0.4428
size [# of strips]

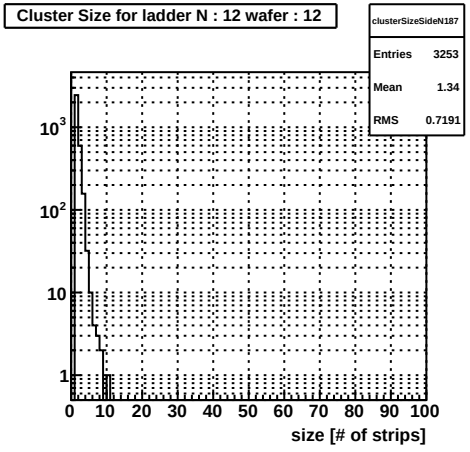

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2052
Mean 1.454
RMS 0.6955
size [# of strips]

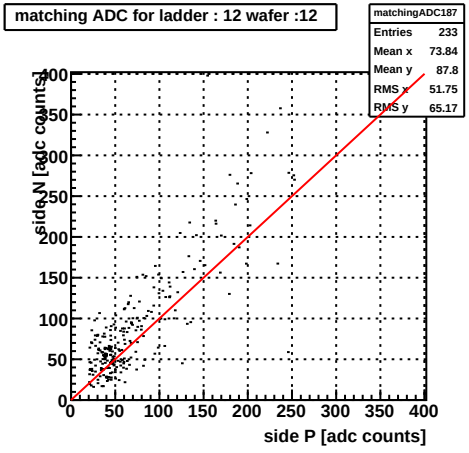

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1299
Mean x 78.51
Mean y 76.82
RMS x 60.13
RMS y 61.45
side N [adc counts]
side P [adc counts]

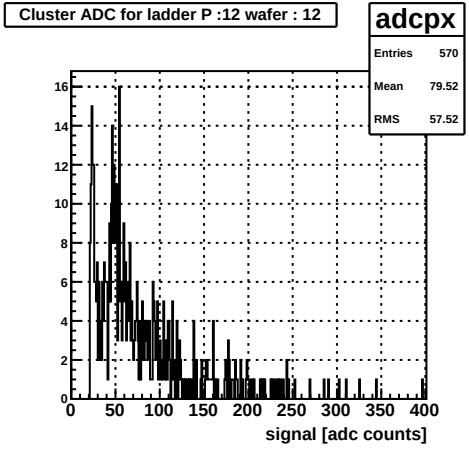

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4178
Mean 46.27
RMS 44.52
signal [adc counts]

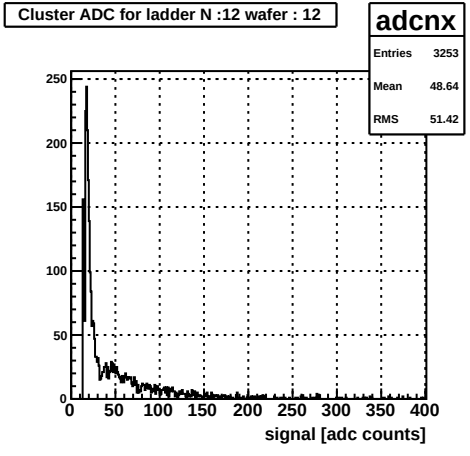

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2052
Mean 69.57
RMS 62.6
signal [adc counts]

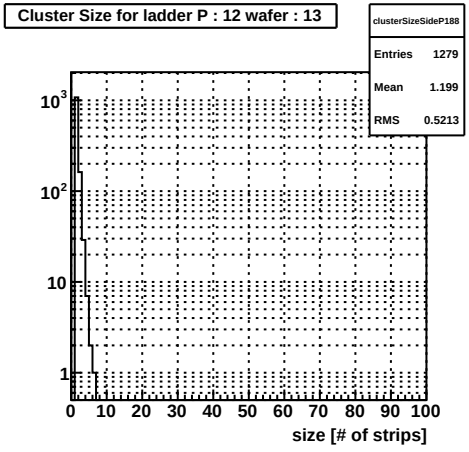

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 570
Mean 1.221
RMS 0.5301
size [# of strips]

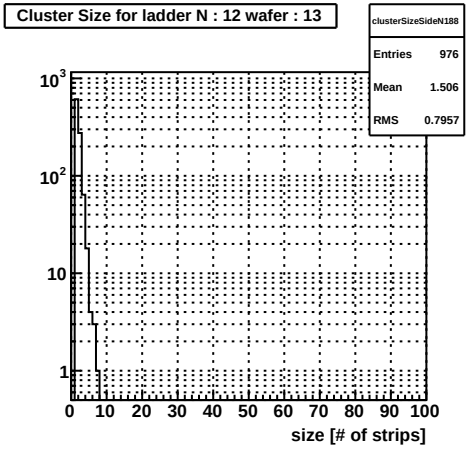

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3253
Mean 1.34
RMS 0.7191
size [# of strips]

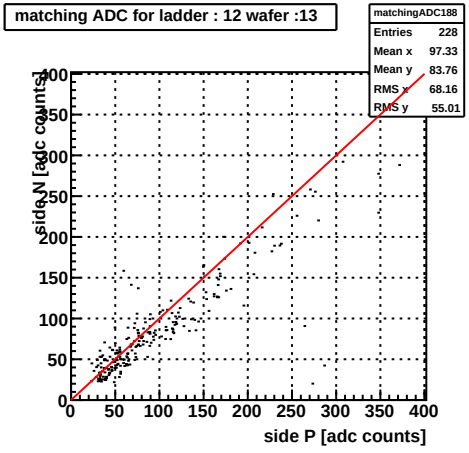

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 233
Mean x 73.84
Mean y 87.8
RMS x 51.75
RMS y 65.17
side N [adc counts]
side P [adc counts]

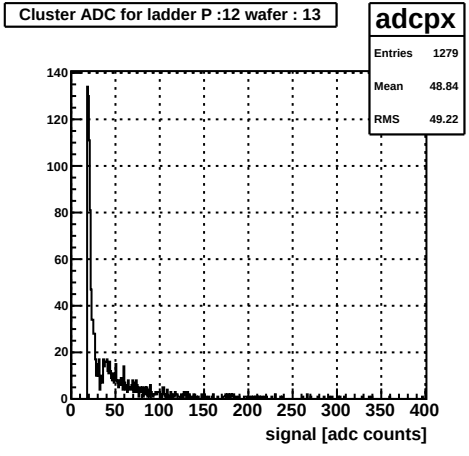

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 570
Mean 79.52
RMS 57.52
signal [adc counts]

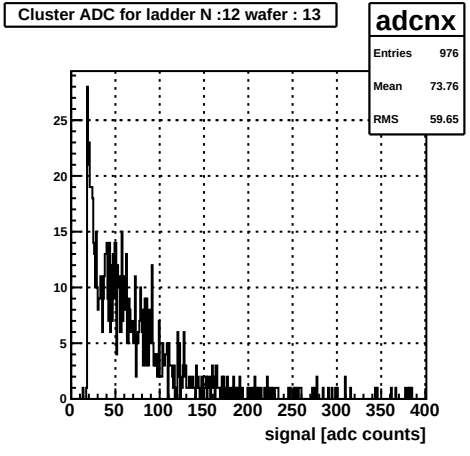

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3253
Mean 48.64
RMS 51.42
signal [adc counts]

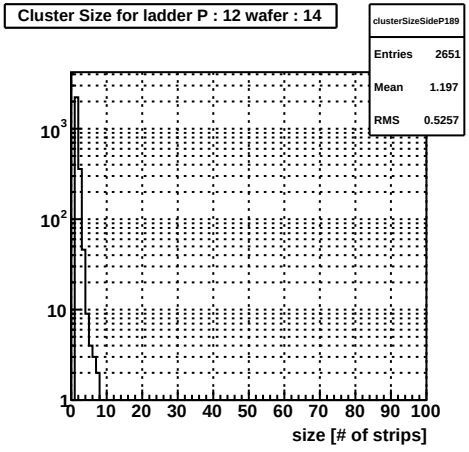

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 1279
Mean 1.199
RMS 0.5213
size [# of strips]

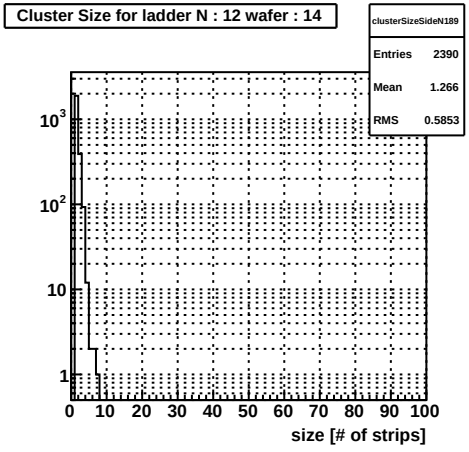

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 976
Mean 1.506
RMS 0.7957
size [# of strips]

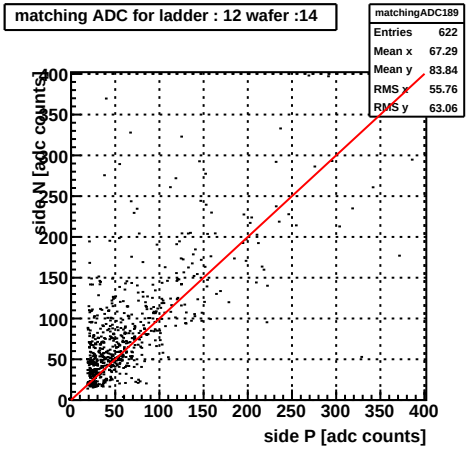

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 228
Mean x 97.33
Mean y 83.76
RMS x 68.16
RMS y 55.01
side N [adc counts]
side P [adc counts]

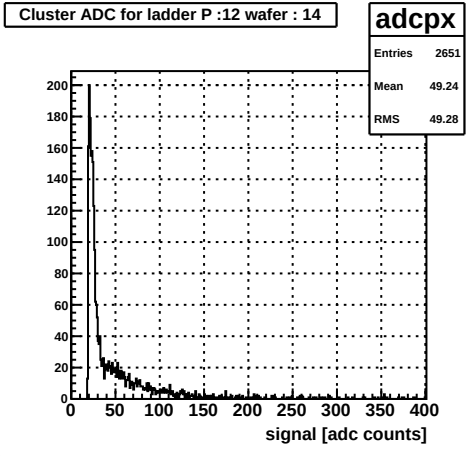

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 1279
Mean 48.84
RMS 49.22
signal [adc counts]

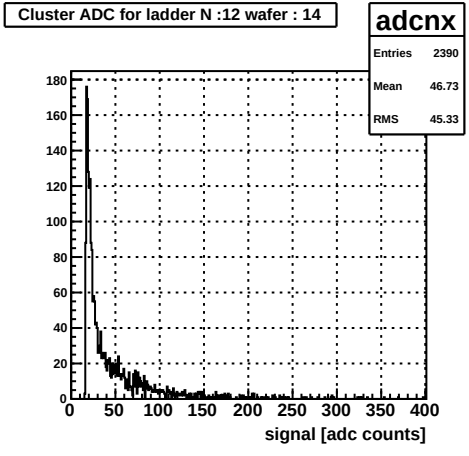

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 976
Mean 73.76
RMS 59.65
signal [adc counts]

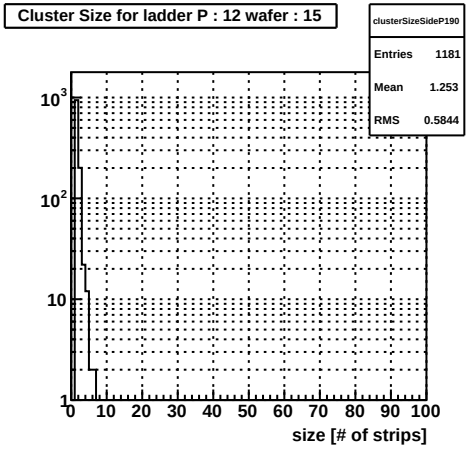

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2651
Mean 1.197
RMS 0.5257
size [# of strips]

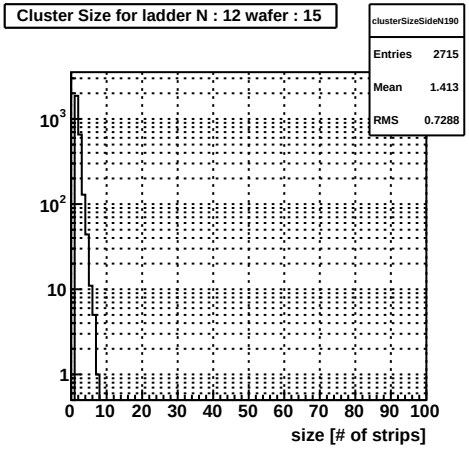

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2390
Mean 1.266
RMS 0.5853
size [# of strips]

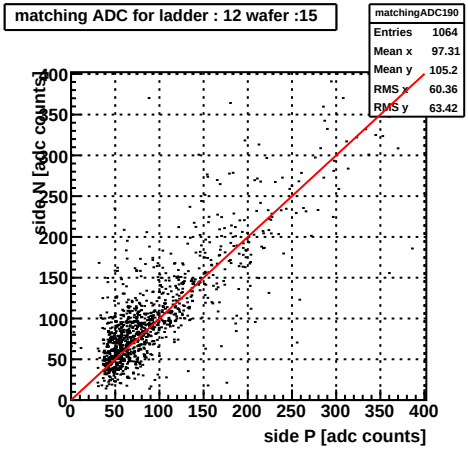

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 622
Mean x 67.29
Mean y 83.84
RMS x 55.76
RMS y 63.06
side N [adc counts]
side P [adc counts]

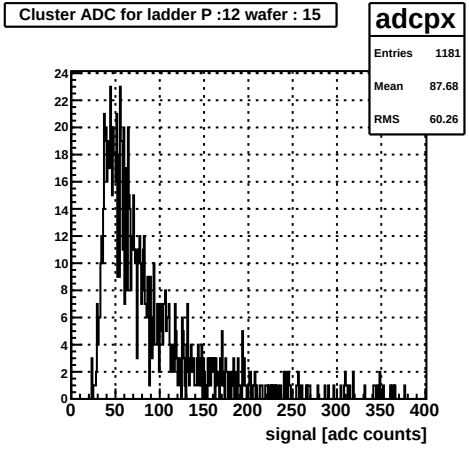

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2651
Mean 49.24
RMS 49.28
signal [adc counts]

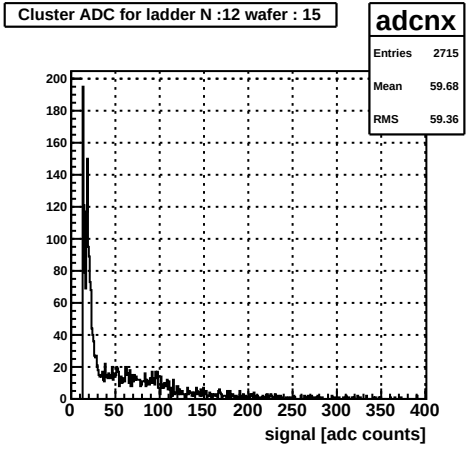

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2390
Mean 46.73
RMS 45.33
signal [adc counts]

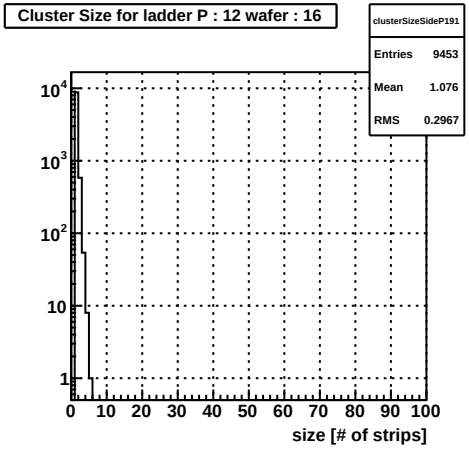

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1181
Mean 1.253
RMS 0.5844
size [# of strips]

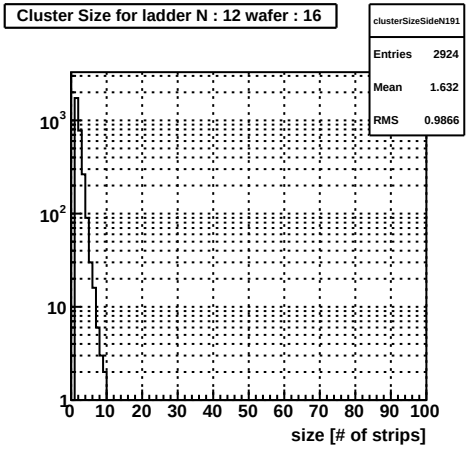

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2715
Mean 1.413
RMS 0.7288
size [# of strips]

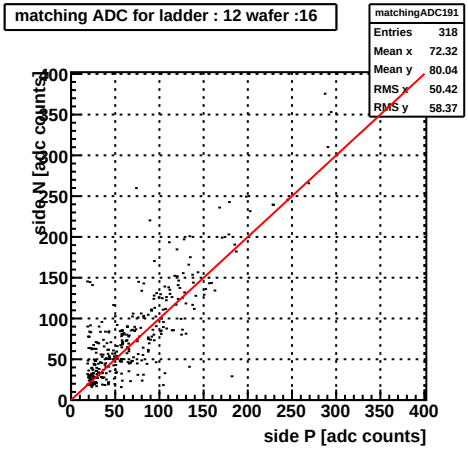

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1064
Mean x 97.31
Mean y 105.2
RMS x 60.36
RMS y 63.42
side N [adc counts]
side P [adc counts]

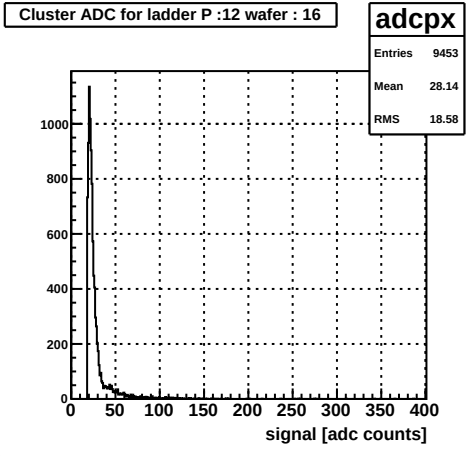

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1181
Mean 87.68
RMS 60.26
signal [adc counts]

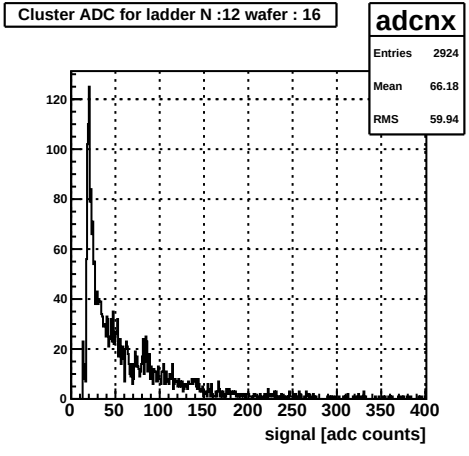

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2715
Mean 59.68
RMS 59.36
signal [adc counts]

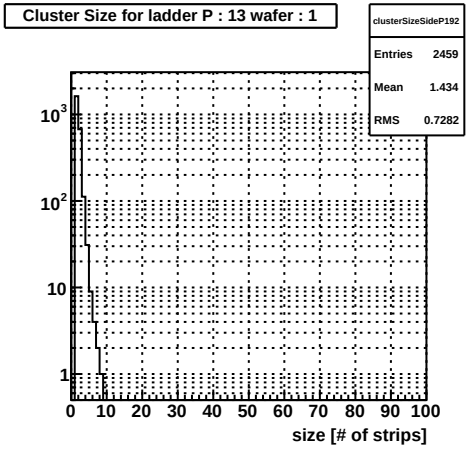

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 9453
Mean 1.076
RMS 0.2967
size [# of strips]

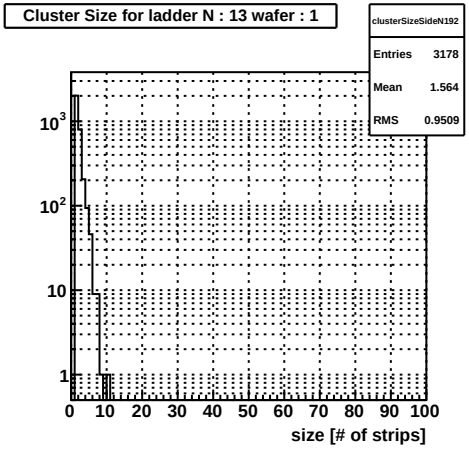

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2924
Mean 1.632
RMS 0.9866
size [# of strips]

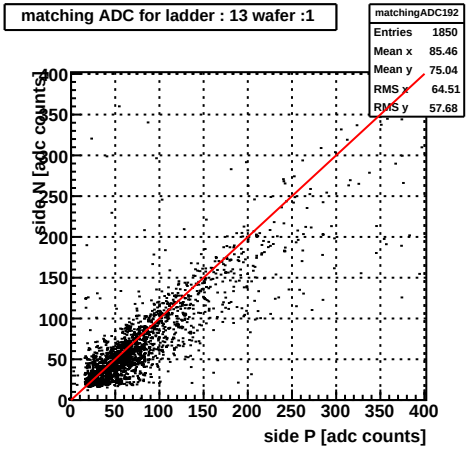

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 318
Mean x 72.32
Mean y 80.04
RMS x 50.42
RMS y 58.37
side N [adc counts]
side P [adc counts]

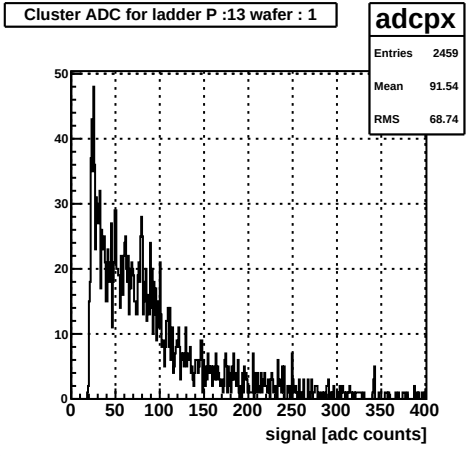

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 9453
Mean 28.14
RMS 18.58
signal [adc counts]

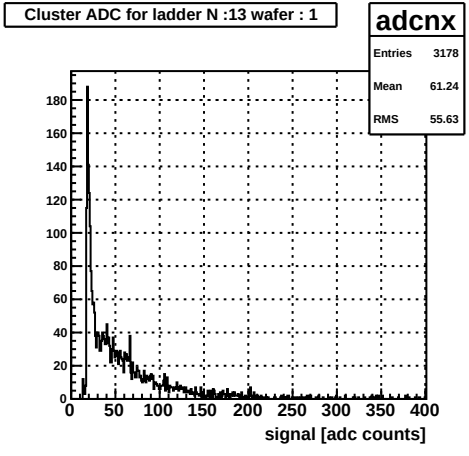

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2924
Mean 66.18
RMS 59.94
signal [adc counts]

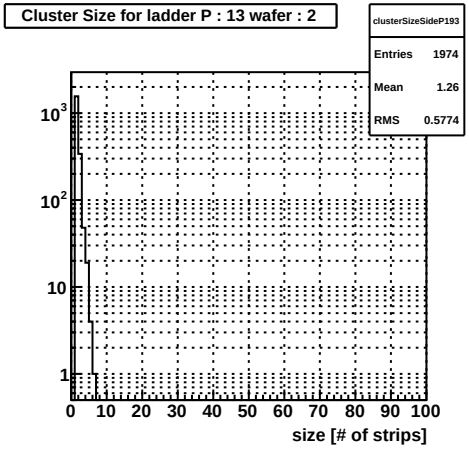

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2459
Mean 1.434
RMS 0.7282
size [# of strips]

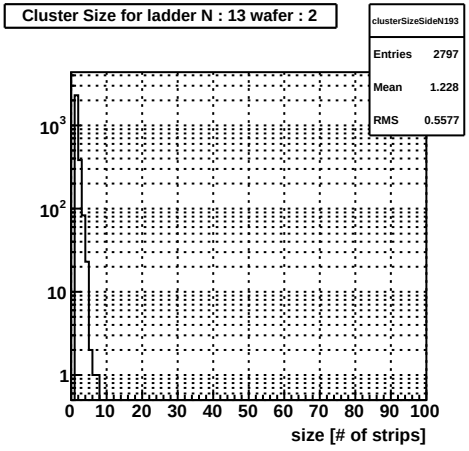

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3178
Mean 1.564
RMS 0.9509
size [# of strips]

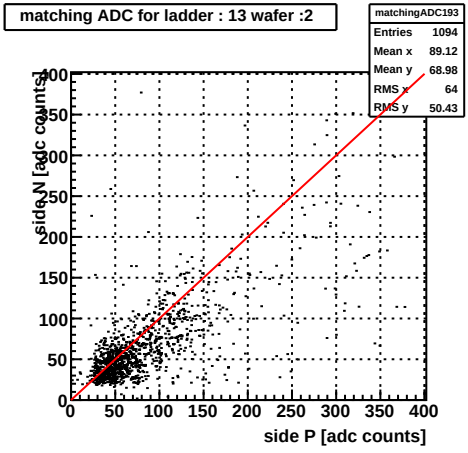

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1850
Mean x 85.46
Mean y 75.04
RMS x 64.51
RMS y 57.68
side N [adc counts]
side P [adc counts]

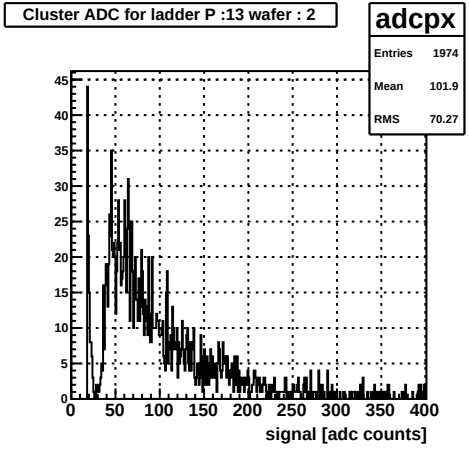

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2459
Mean 91.54
RMS 68.74
signal [adc counts]

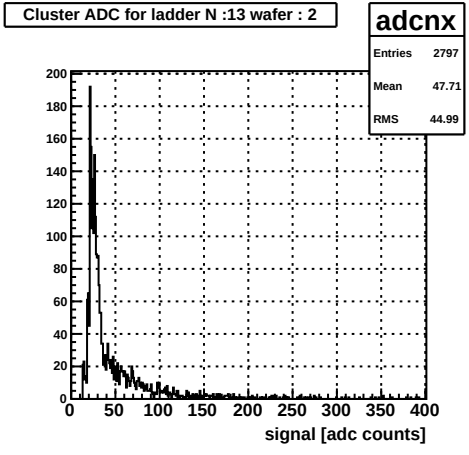

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3178
Mean 61.24
RMS 55.63
signal [adc counts]

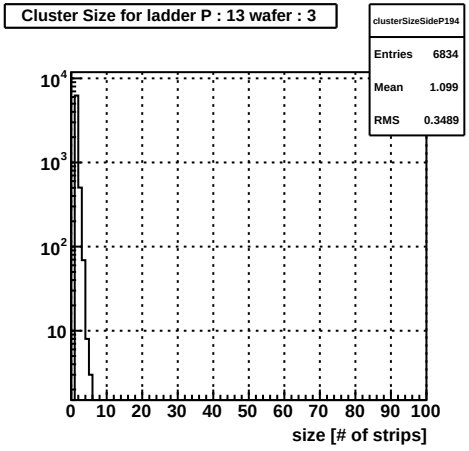

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1974
Mean 1.26
RMS 0.5774
size [# of strips]

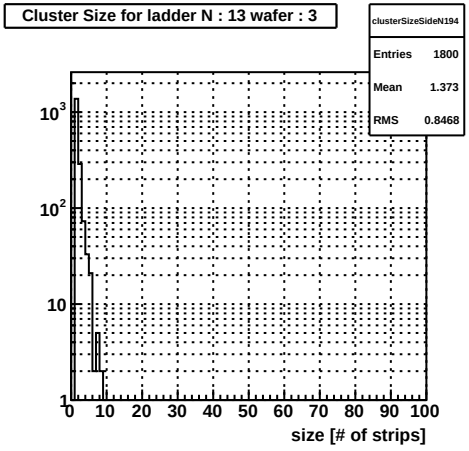

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2797
Mean 1.228
RMS 0.5577
size [# of strips]

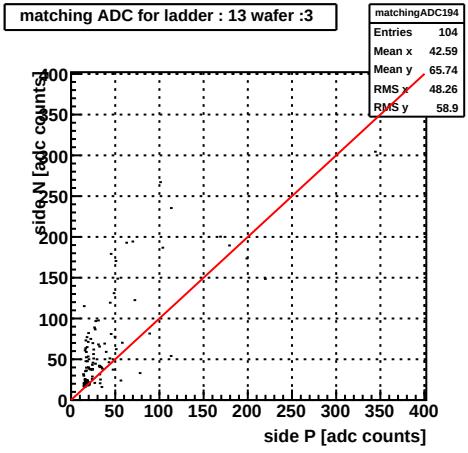

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1094
Mean x 89.12
Mean y 68.98
RMS x 64
RMS y 50.43
side N [adc counts]
side P [adc counts]

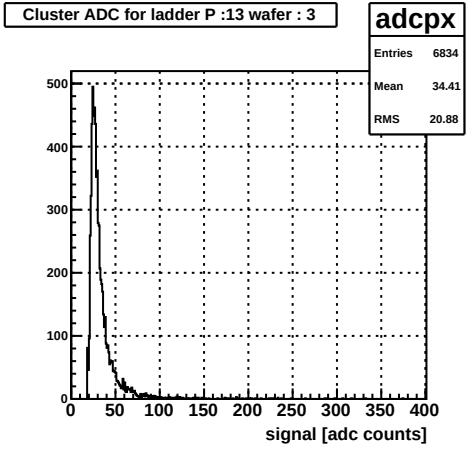

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1974
Mean 101.9
RMS 70.27
signal [adc counts]

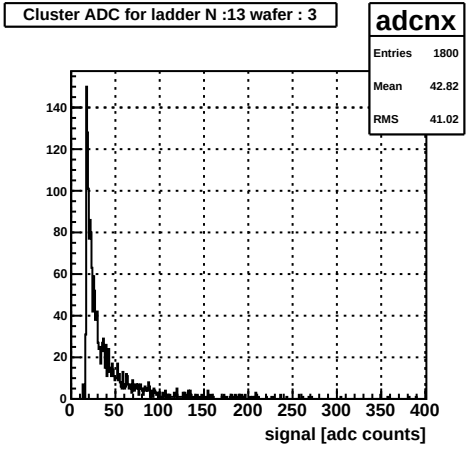

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2797
Mean 47.71
RMS 44.99
signal [adc counts]

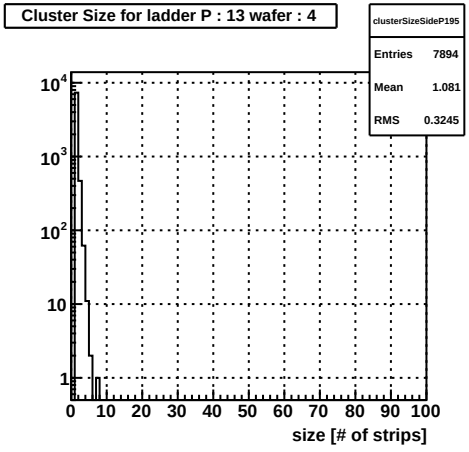

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 6834
Mean 1.099
RMS 0.3489
size [# of strips]

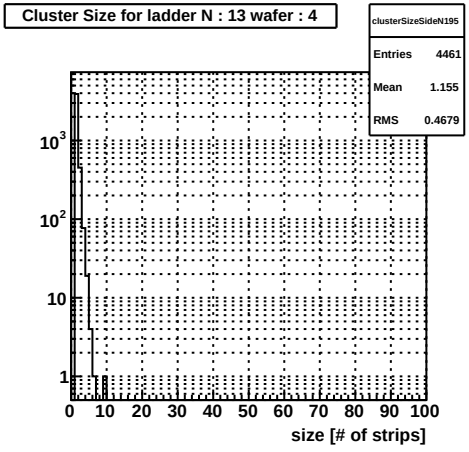

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1800
Mean 1.373
RMS 0.8468
size [# of strips]

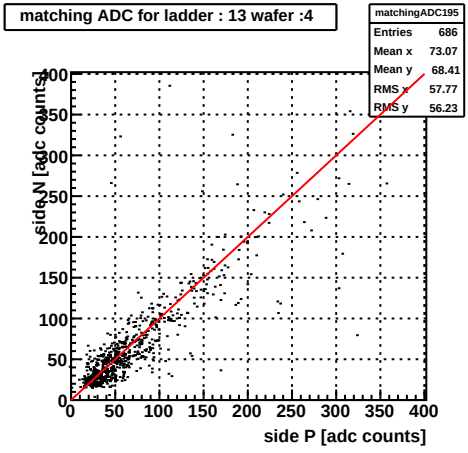

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 104
Mean x 42.59
Mean y 65.74
RMS x 48.26
RMS y 58.9
side N [adc counts]
side P [adc counts]

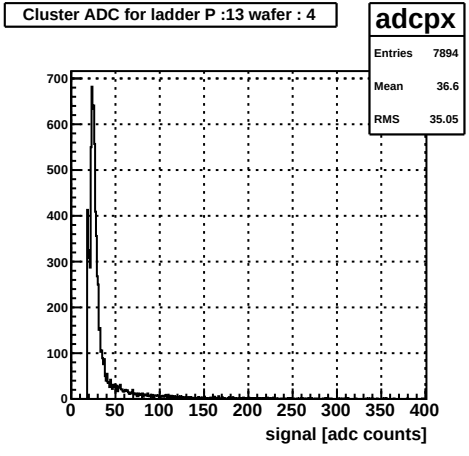

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 6834
Mean 34.41
RMS 20.88
signal [adc counts]

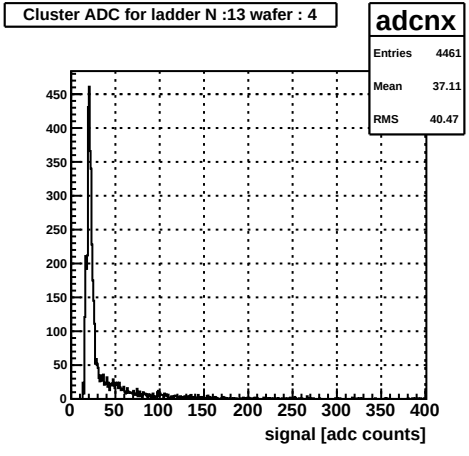

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1800
Mean 42.82
RMS 41.02
signal [adc counts]

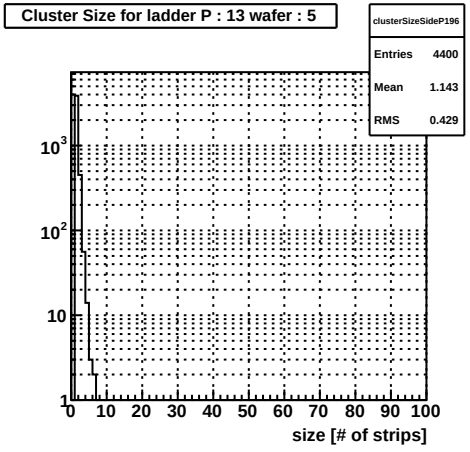

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7894
Mean 1.081
RMS 0.3245
size [# of strips]

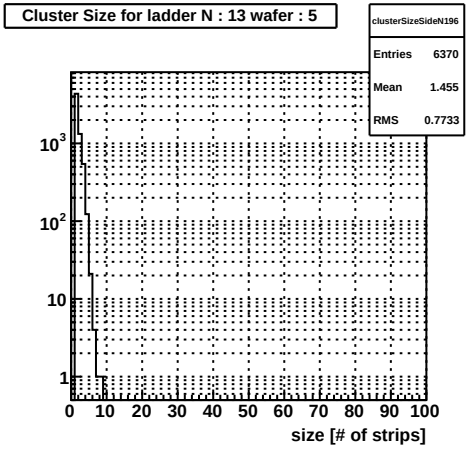

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4461
Mean 1.155
RMS 0.4679
size [# of strips]

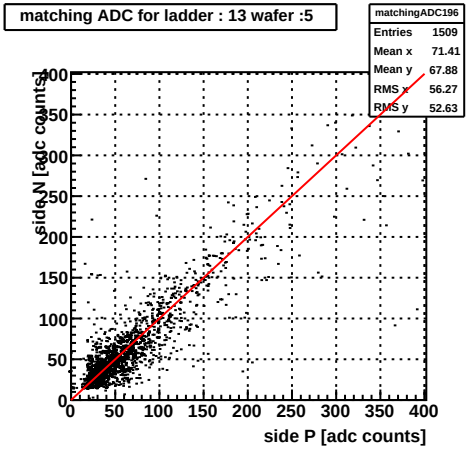

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 686
Mean x 73.07
Mean y 68.41
RMS x 57.77
RMS y 56.23
side N [adc counts]
side P [adc counts]

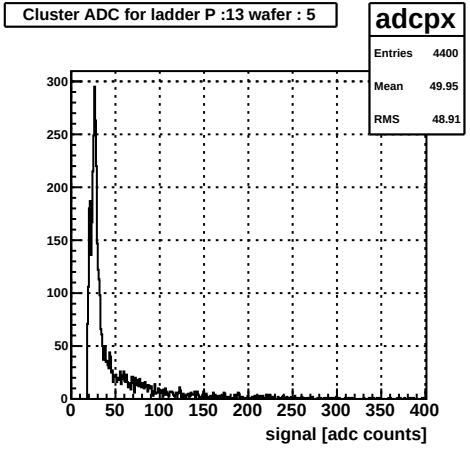

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7894
Mean 36.6
RMS 35.05
signal [adc counts]

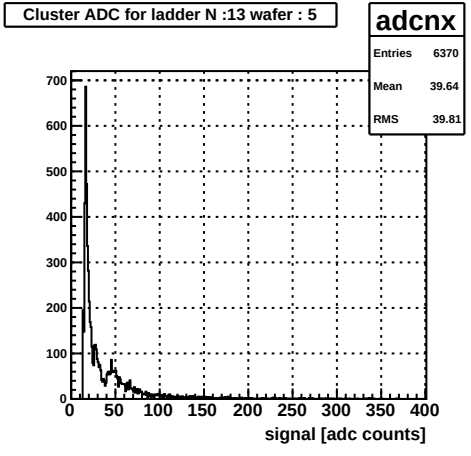

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4461
Mean 37.11
RMS 40.47
signal [adc counts]

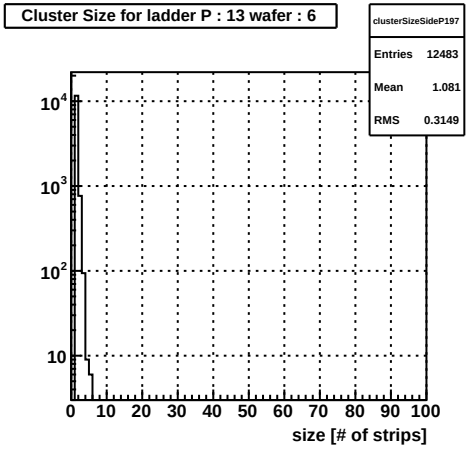

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4400
Mean 1.143
RMS 0.429
size [# of strips]

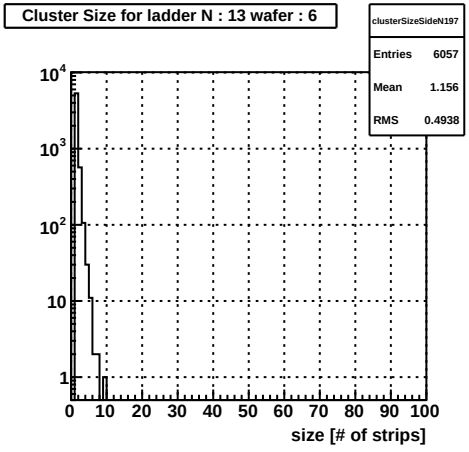

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6370
Mean 1.455
RMS 0.7733
size [# of strips]

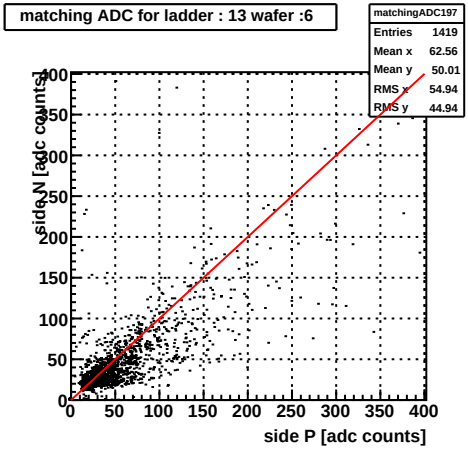

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1509
Mean x 71.41
Mean y 67.88
RMS x 56.27
RMS y 52.63
side N [adc counts]
side P [adc counts]

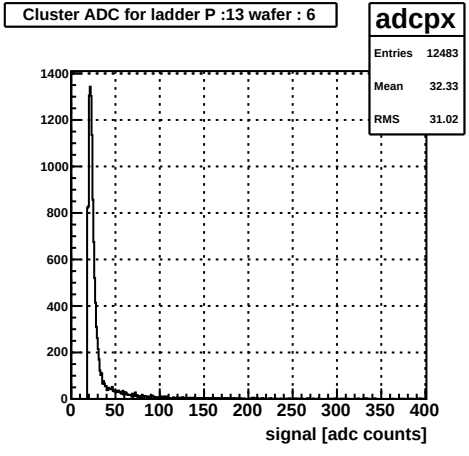

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4400
Mean 49.95
RMS 48.91
signal [adc counts]

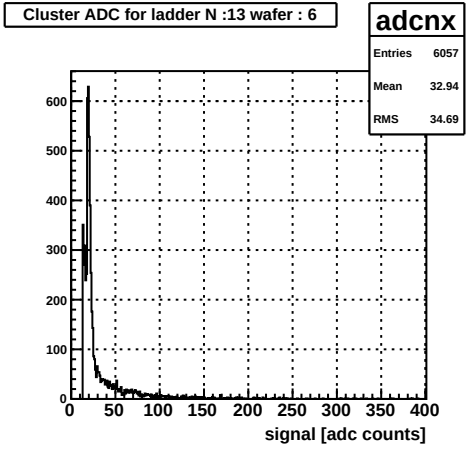

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6370
Mean 39.64
RMS 39.81
signal [adc counts]

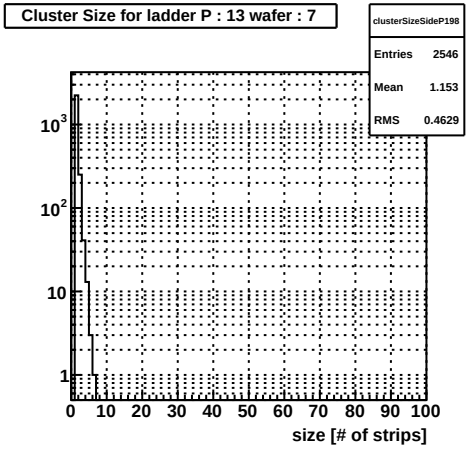

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 12483
Mean 1.081
RMS 0.3149
size [# of strips]

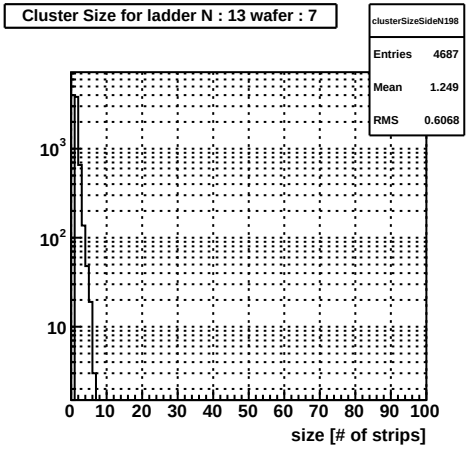

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 6057
Mean 1.156
RMS 0.4938
size [# of strips]

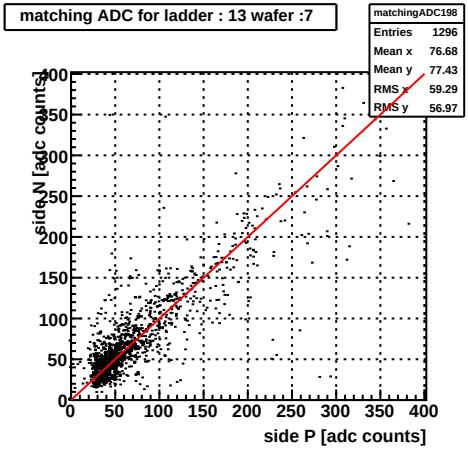

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1419
Mean x 62.56
Mean y 50.01
RMS x 54.94
RMS y 44.94
side N [adc counts]
side P [adc counts]

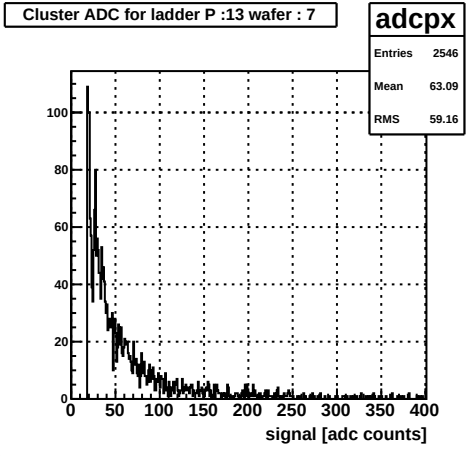

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 12483
Mean 32.33
RMS 31.02
signal [adc counts]

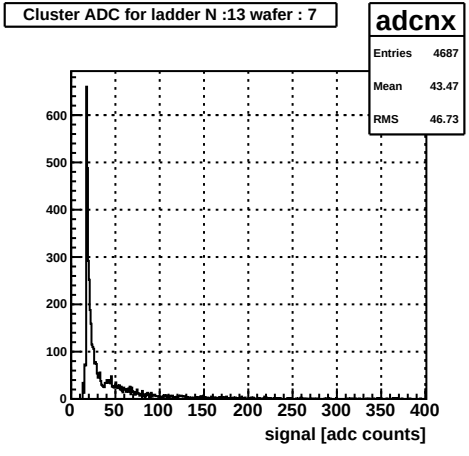

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 6057
Mean 32.94
RMS 34.69
signal [adc counts]

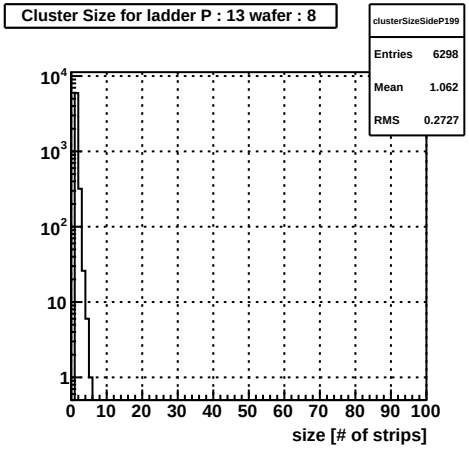

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2546
Mean 1.153
RMS 0.4629
size [# of strips]

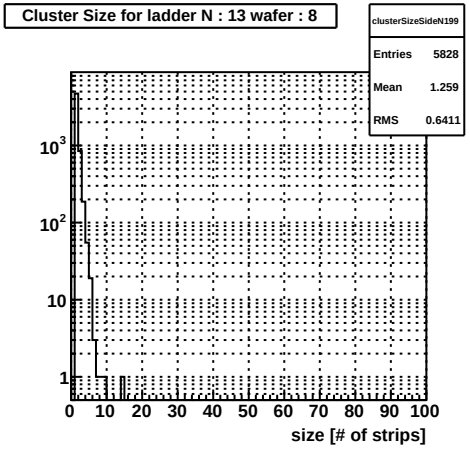

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4687
Mean 1.249
RMS 0.6068
size [# of strips]

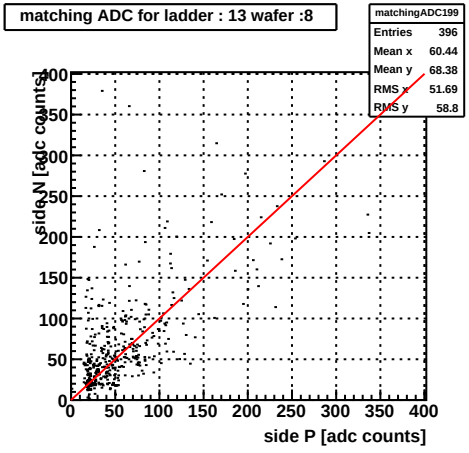

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1296
Mean x 76.68
Mean y 77.43
RMS x 59.29
RMS y 56.97
side N [adc counts]
side P [adc counts]

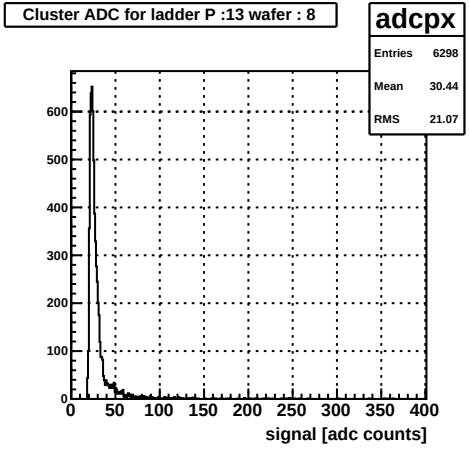

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2546
Mean 63.09
RMS 59.16
signal [adc counts]

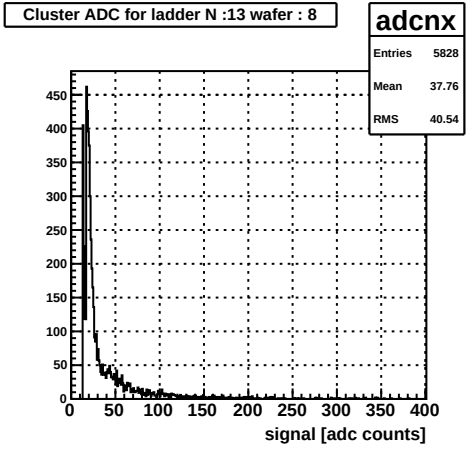

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4687
Mean 43.47
RMS 46.73
signal [adc counts]

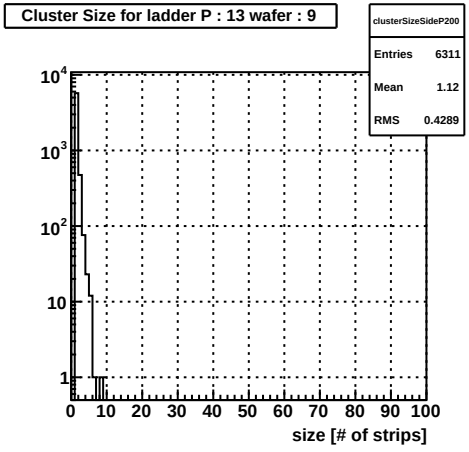

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6298
Mean 1.062
RMS 0.2727
size [# of strips]

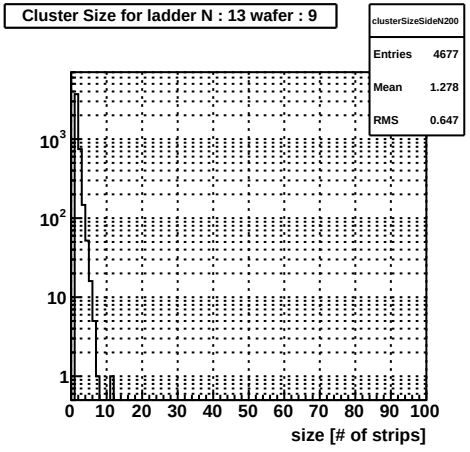

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5828
Mean 1.259
RMS 0.6411
size [# of strips]

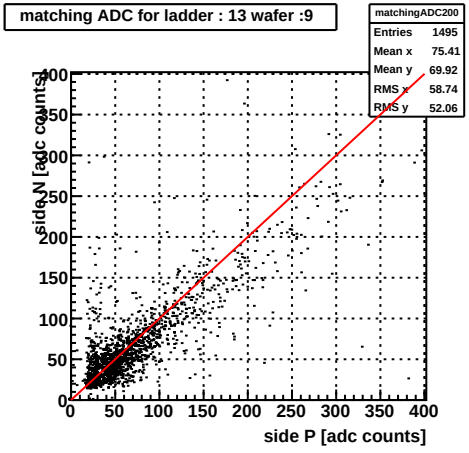

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 396
Mean x 60.44
Mean y 68.38
RMS x 51.69
RMS y 58.8
side N [adc counts]
side P [adc counts]

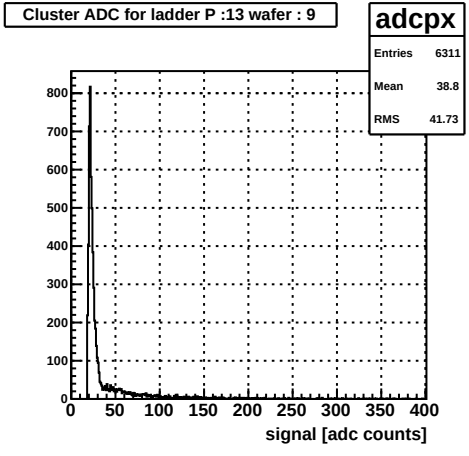

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6298
Mean 30.44
RMS 21.07
signal [adc counts]

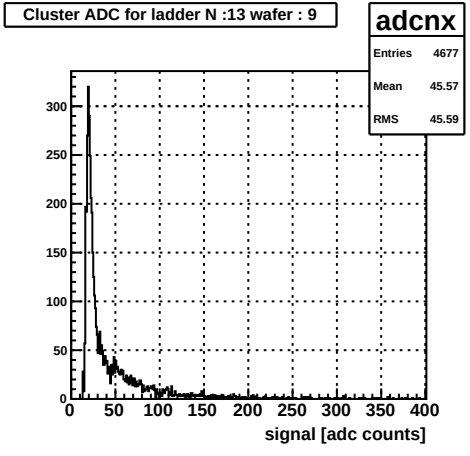

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5828
Mean 37.76
RMS 40.54
signal [adc counts]

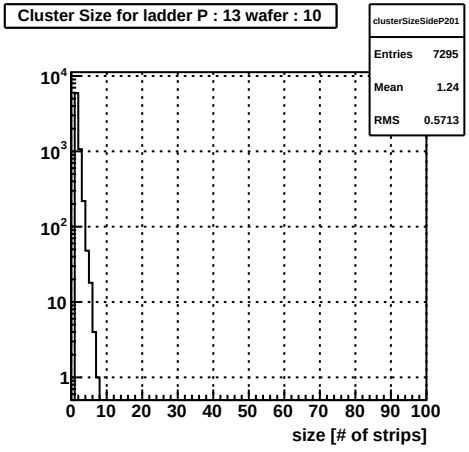

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6311
Mean 1.12
RMS 0.4289
size [# of strips]

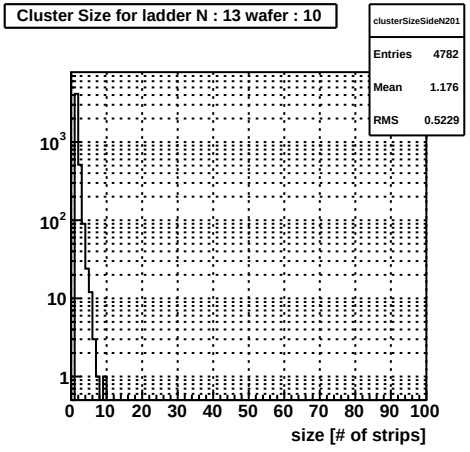

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4677
Mean 1.278
RMS 0.647
size [# of strips]

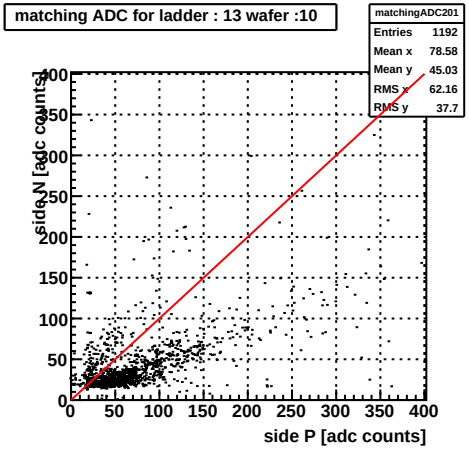

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1495
Mean x 75.41
Mean y 69.92
RMS x 58.74
RMS y 52.06
side N [adc counts]
side P [adc counts]

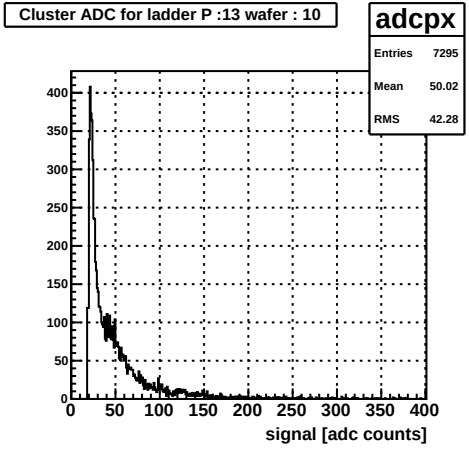

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6311
Mean 38.8
RMS 41.73
signal [adc counts]

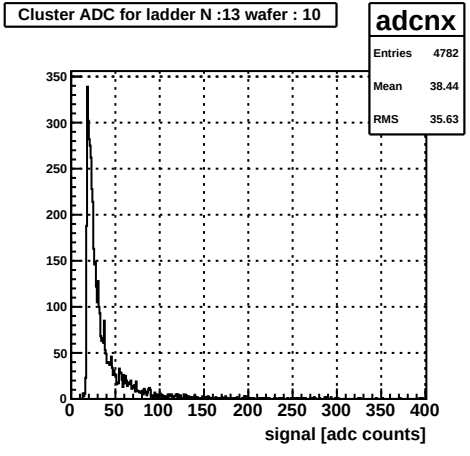

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4677
Mean 45.57
RMS 45.59
signal [adc counts]

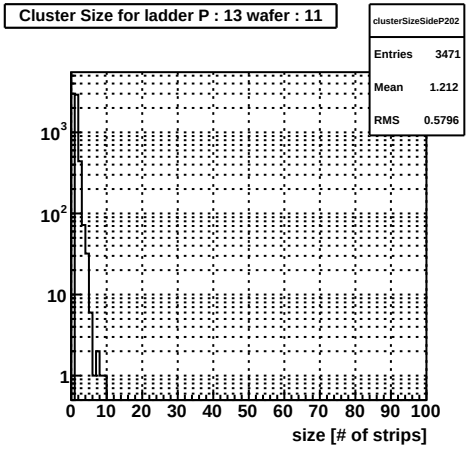

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7295
Mean 1.24
RMS 0.5713
size [# of strips]

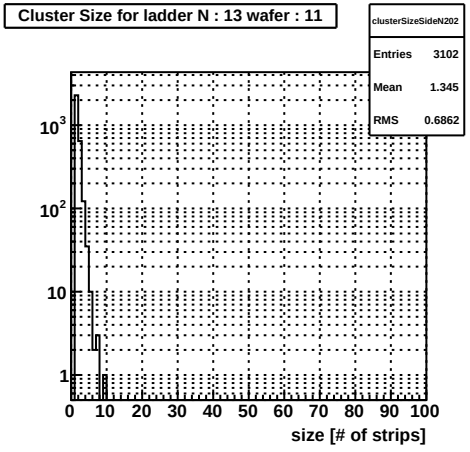

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4782
Mean 1.176
RMS 0.5229
size [# of strips]

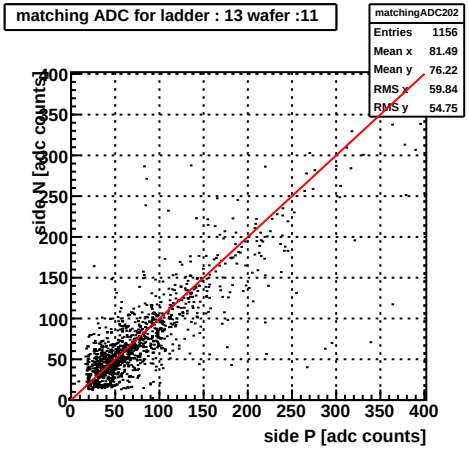

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1192
Mean x 78.58
Mean y 45.03
RMS x 62.16
RMS y 37.7
side N [adc counts]
side P [adc counts]

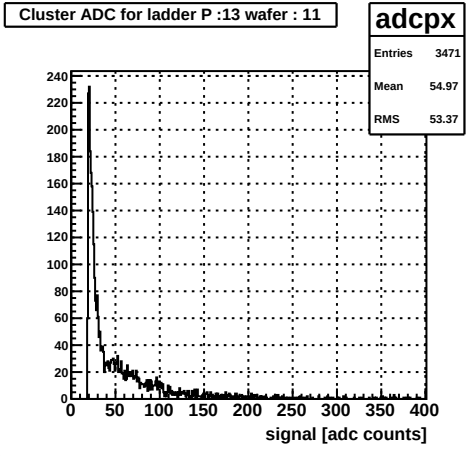

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7295
Mean 50.02
RMS 42.28
signal [adc counts]

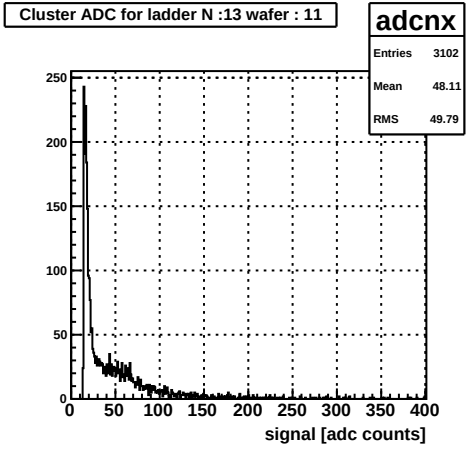

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4782
Mean 38.44
RMS 35.63
signal [adc counts]

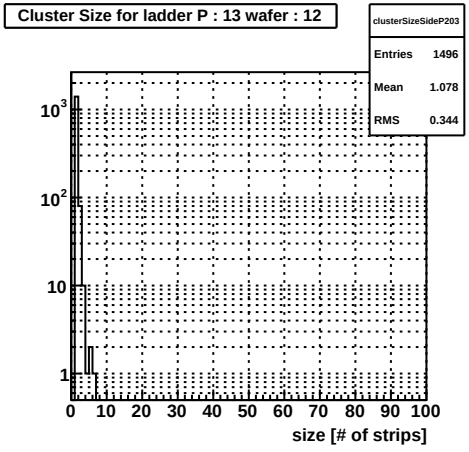

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3471
Mean 1.212
RMS 0.5796
size [# of strips]

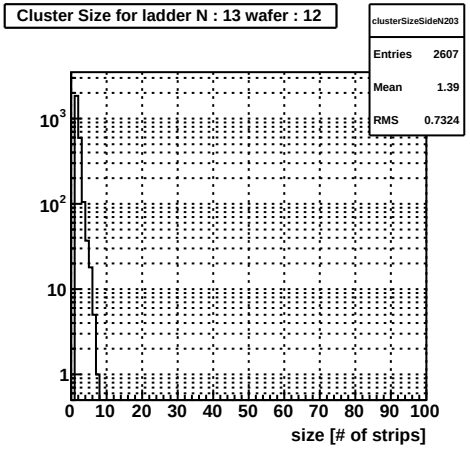

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3102
Mean 1.345
RMS 0.6862
size [# of strips]

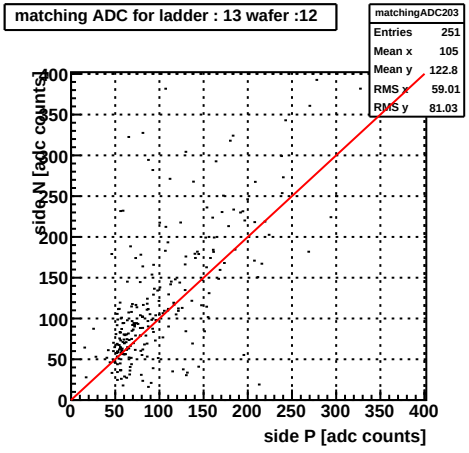

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1156
Mean x 81.49
Mean y 76.22
RMS x 59.84
RMS y 54.75
side N [adc counts]
side P [adc counts]

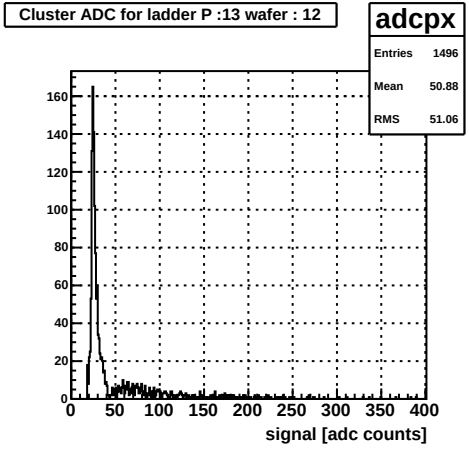

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3471
Mean 54.97
RMS 53.37
signal [adc counts]

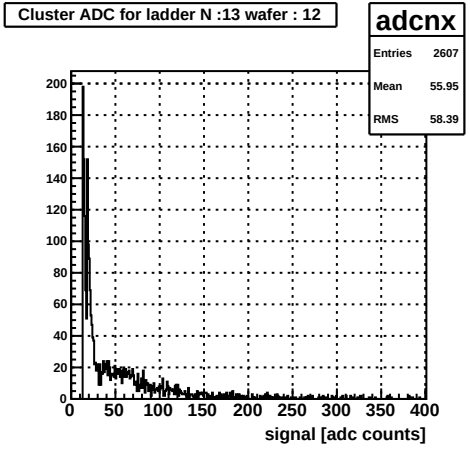

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3102
Mean 48.11
RMS 49.79
signal [adc counts]

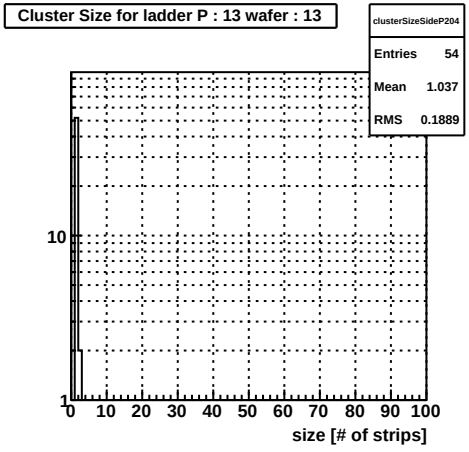

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1496
Mean 1.078
RMS 0.344
size [# of strips]

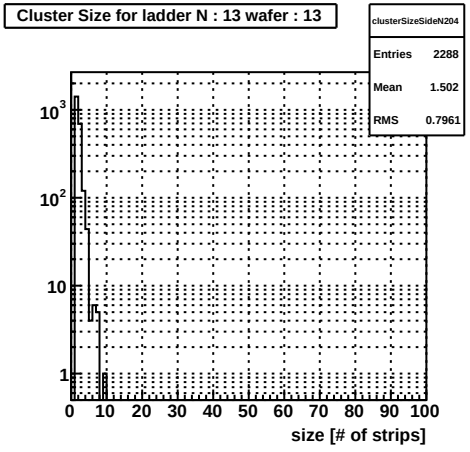

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2607
Mean 1.39
RMS 0.7324
size [# of strips]

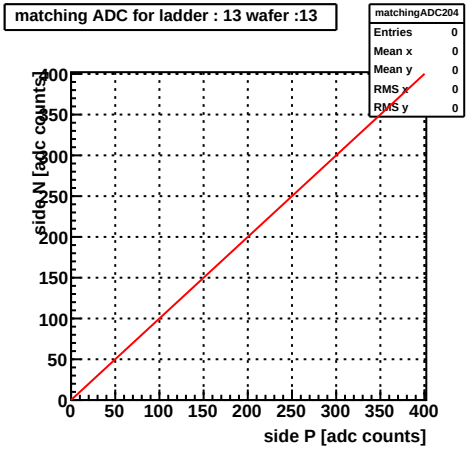

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 251
Mean x 105
Mean y 122.8
RMS x 59.01
RMS y 81.03
side N [adc counts]
side P [adc counts]

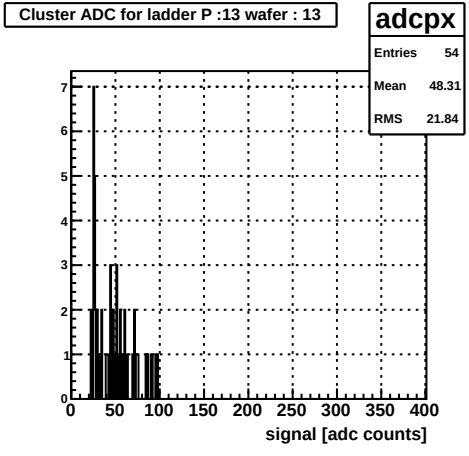

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1496
Mean 50.88
RMS 51.06
signal [adc counts]

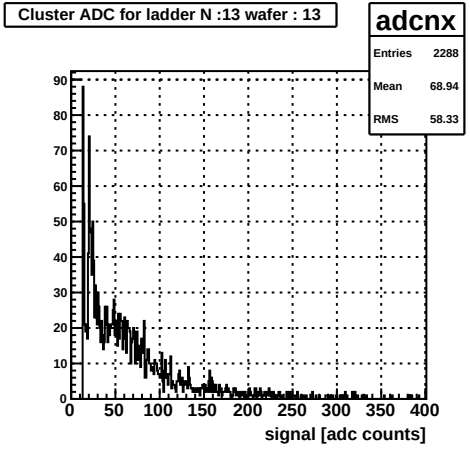

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2607
Mean 55.95
RMS 58.39
signal [adc counts]

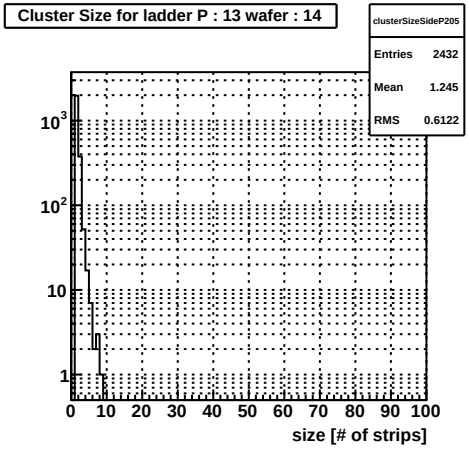

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 54
Mean 1.037
RMS 0.1889
size [# of strips]

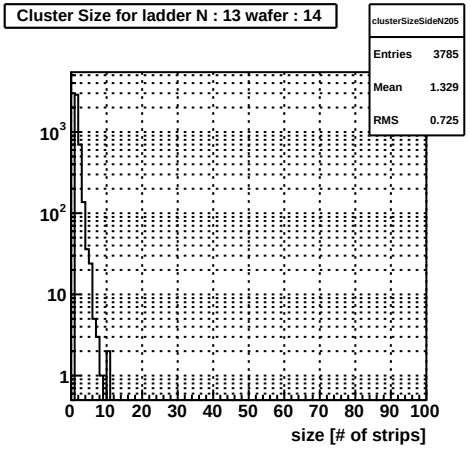

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2288
Mean 1.502
RMS 0.7961
size [# of strips]

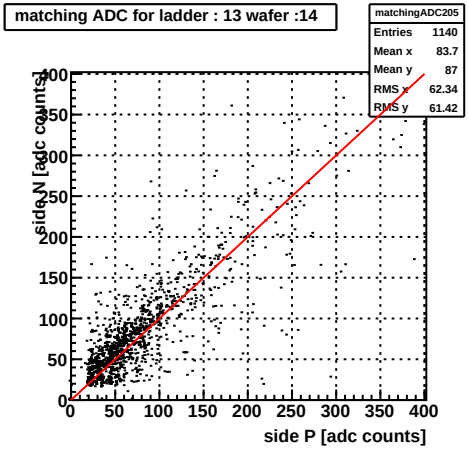

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

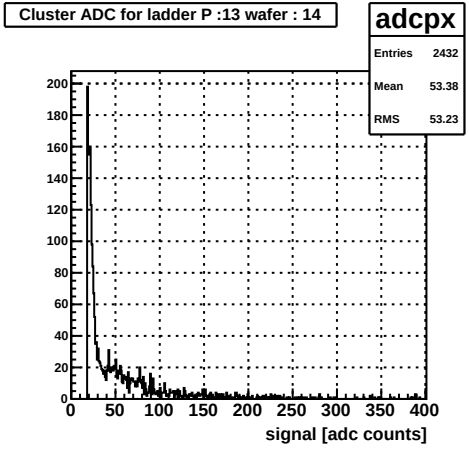

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 54
Mean 48.31
RMS 21.84
signal [adc counts]

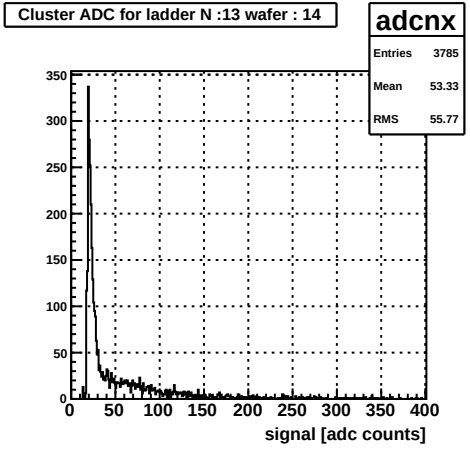

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2288
Mean 68.94
RMS 58.33
signal [adc counts]

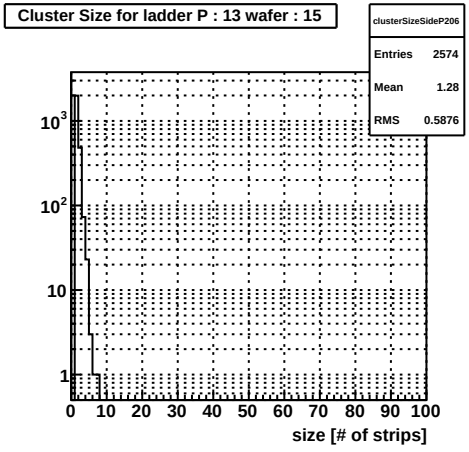

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2432
Mean 1.245
RMS 0.6122
size [# of strips]

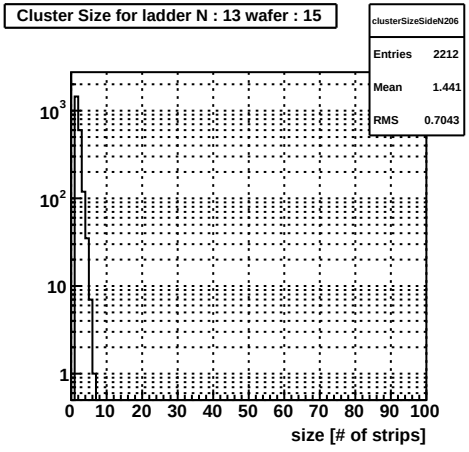

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3785
Mean 1.329
RMS 0.725
size [# of strips]

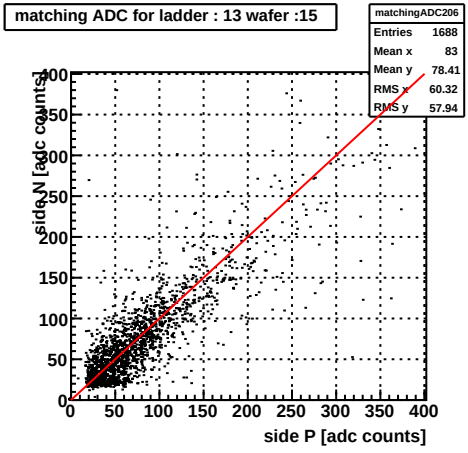

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1140
Mean x 83.7
Mean y 87
RMS x 62.34
RMS y 61.42
side N [adc counts]
side P [adc counts]

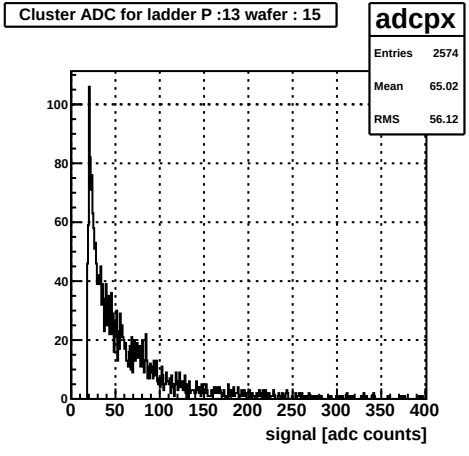

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2432
Mean 53.38
RMS 53.23
signal [adc counts]

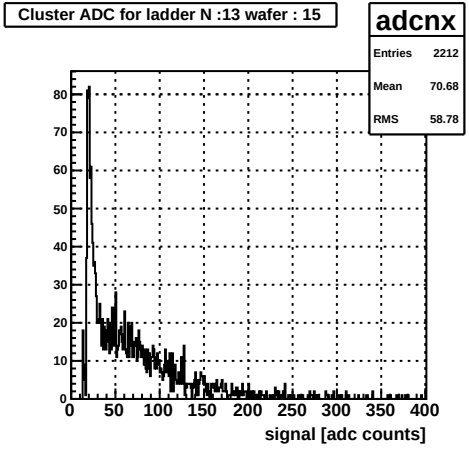

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3785
Mean 53.33
RMS 55.77
signal [adc counts]

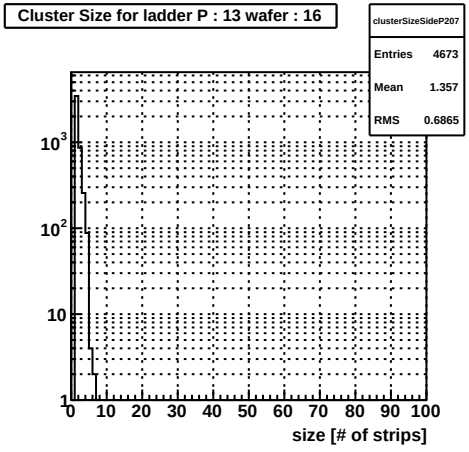

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2574
Mean 1.28
RMS 0.5876
size [# of strips]

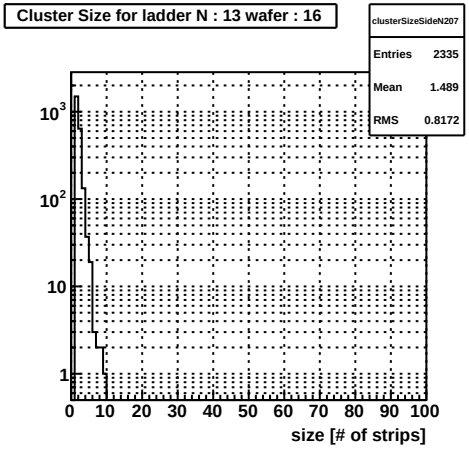

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2212
Mean 1.441
RMS 0.7043
size [# of strips]

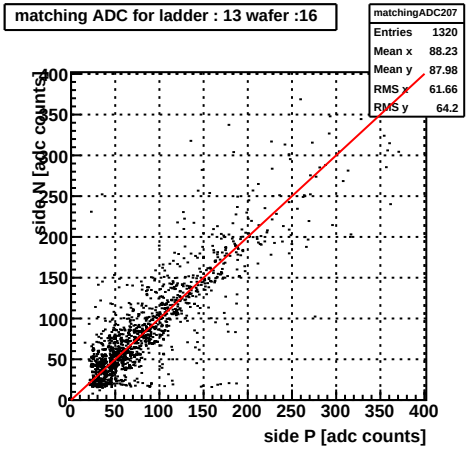

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1688
Mean x 83
Mean y 78.41
RMS x 60.32
RMS y 57.94
side N [adc counts]
side P [adc counts]

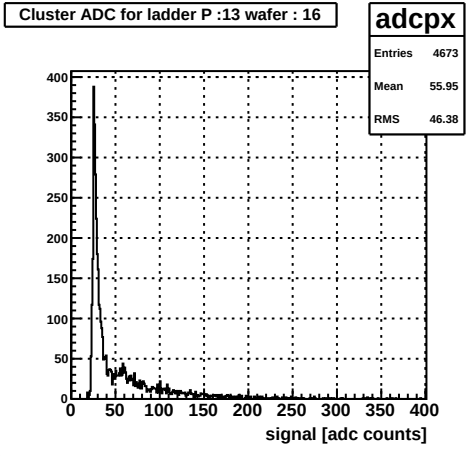

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2574
Mean 65.02
RMS 56.12
signal [adc counts]

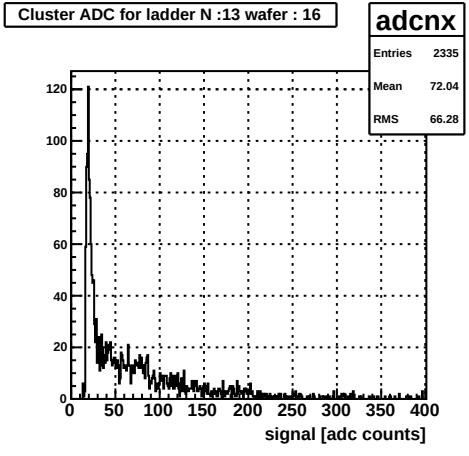

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2212
Mean 70.68
RMS 58.78
signal [adc counts]

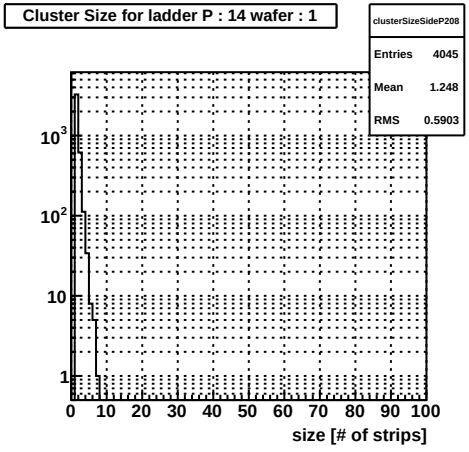

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4673
Mean 1.357
RMS 0.6865
size [# of strips]

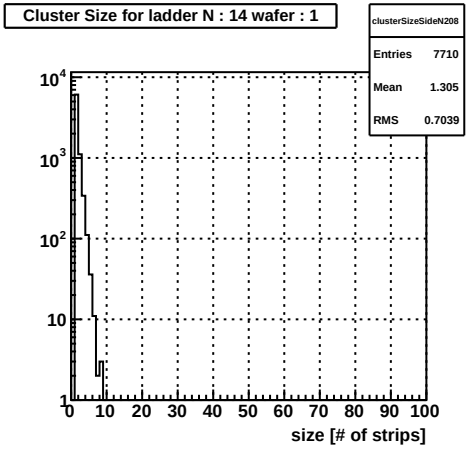

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2335
Mean 1.489
RMS 0.8172
size [# of strips]

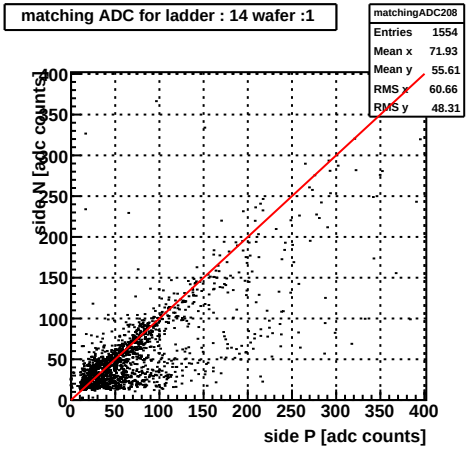

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1320
Mean x 88.23
Mean y 87.98
RMS x 61.66
RMS y 64.2
side N [adc counts]
side P [adc counts]

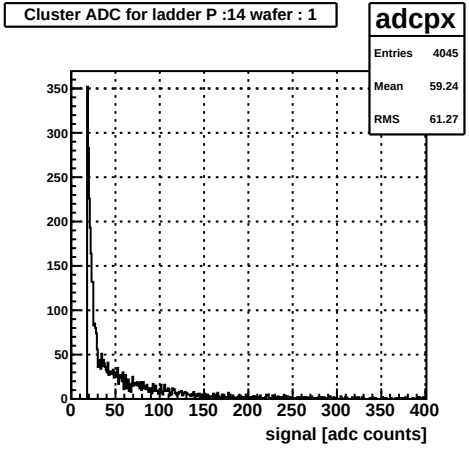

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4673
Mean 55.95
RMS 46.38
signal [adc counts]

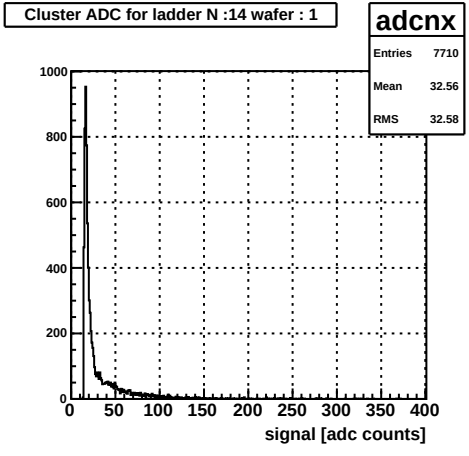

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2335
Mean 72.04
RMS 66.28
signal [adc counts]

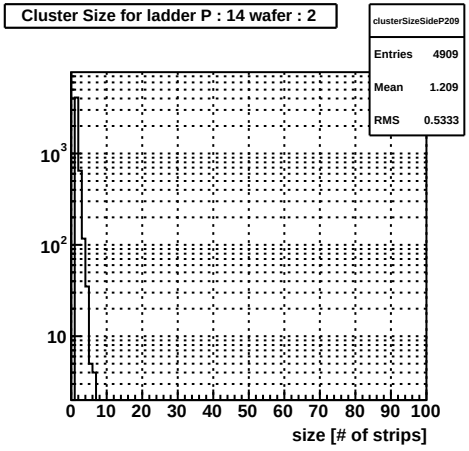

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4045
Mean 1.248
RMS 0.5903
size [# of strips]

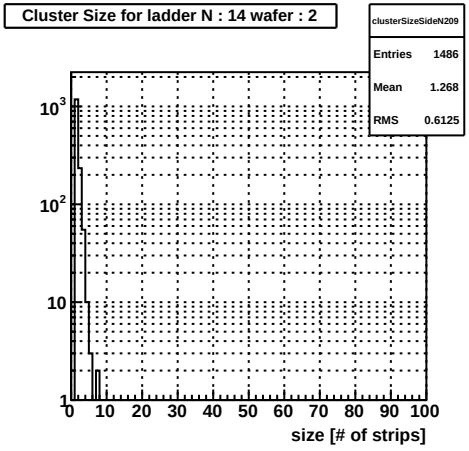

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7710
Mean 1.305
RMS 0.7039
size [# of strips]

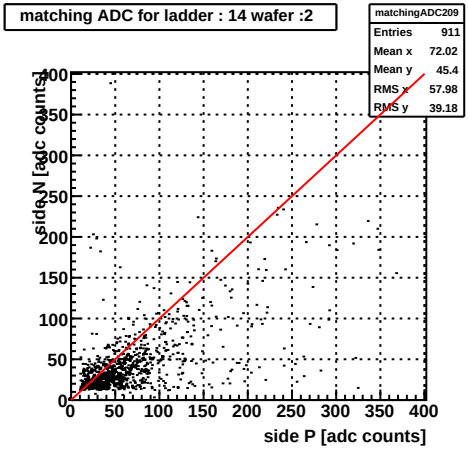

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1554
Mean x 71.93
Mean y 55.61
RMS x 60.66
RMS y 48.31
side N [adc counts]
side P [adc counts]

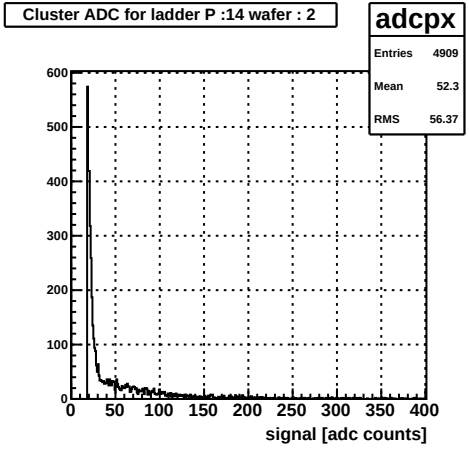

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4045
Mean 59.24
RMS 61.27
signal [adc counts]

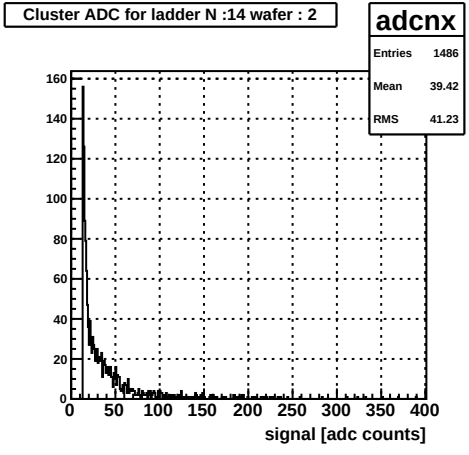

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7710
Mean 32.56
RMS 32.58
signal [adc counts]

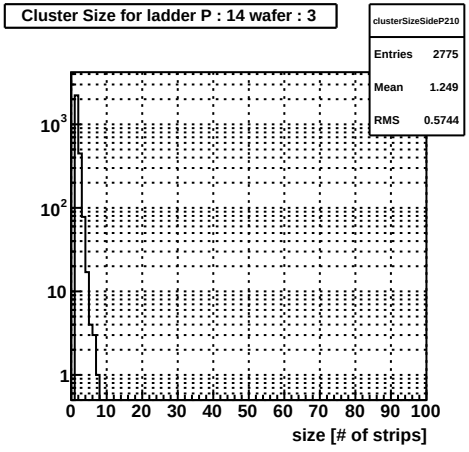

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4909
Mean 1.209
RMS 0.5333
size [# of strips]

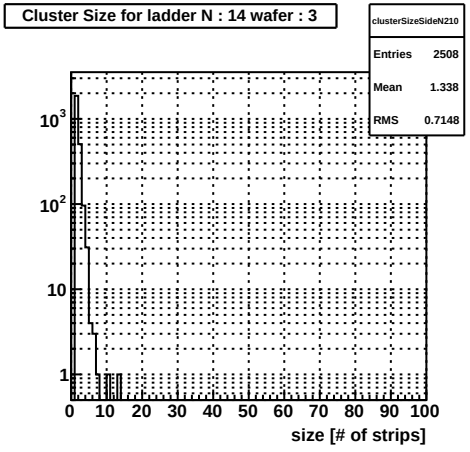

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1486
Mean 1.268
RMS 0.6125
size [# of strips]

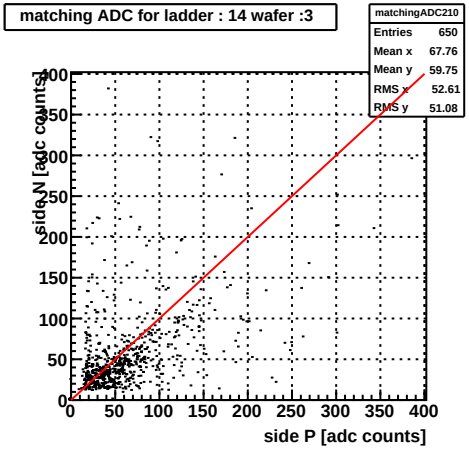

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 911
Mean x 72.02
Mean y 45.4
RMS x 57.98
RMS y 39.18
side N [adc counts]
side P [adc counts]

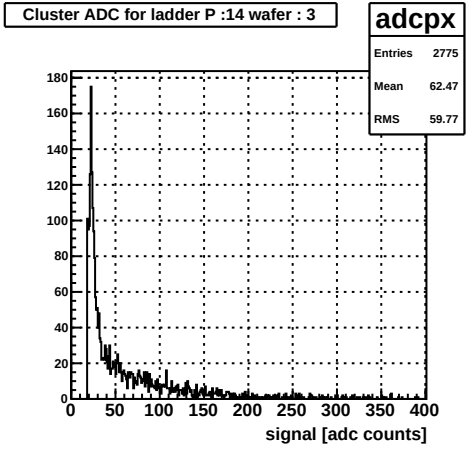

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4909
Mean 52.3
RMS 56.37
signal [adc counts]

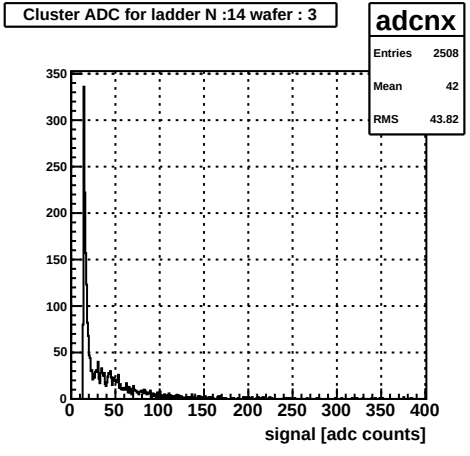

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1486
Mean 39.42
RMS 41.23
signal [adc counts]

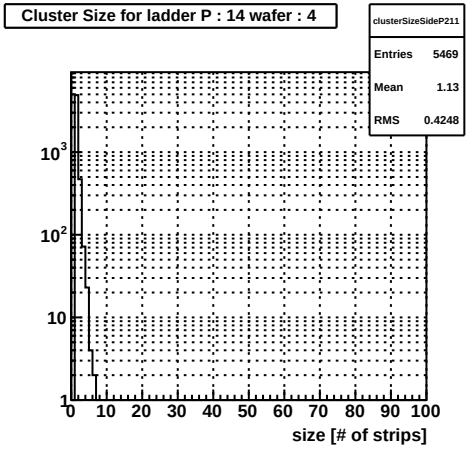

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2775
Mean 1.249
RMS 0.5744
size [# of strips]

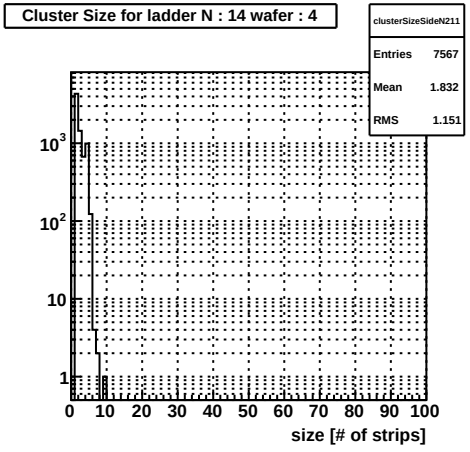

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2508
Mean 1.338
RMS 0.7148
size [# of strips]

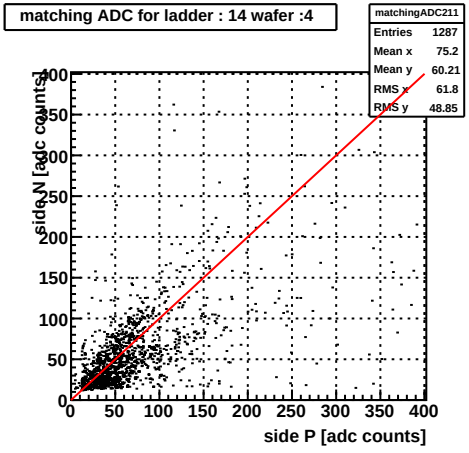

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 650
Mean x 67.76
Mean y 59.75
RMS x 52.61
RMS y 51.08
side N [adc counts]
side P [adc counts]

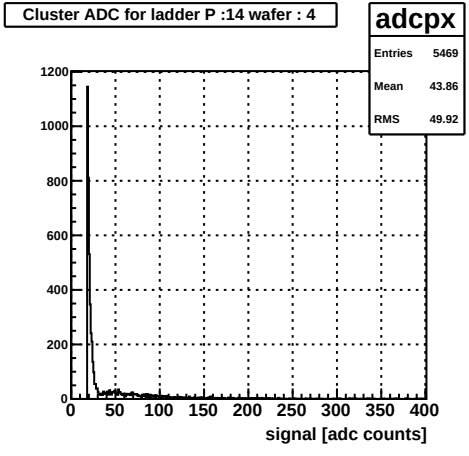

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2775
Mean 62.47
RMS 59.77
signal [adc counts]

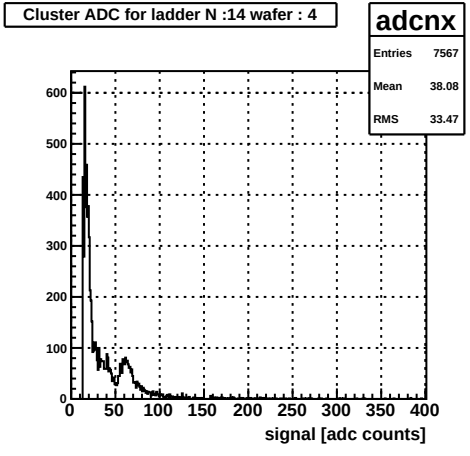

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2508
Mean 42
RMS 43.82
signal [adc counts]

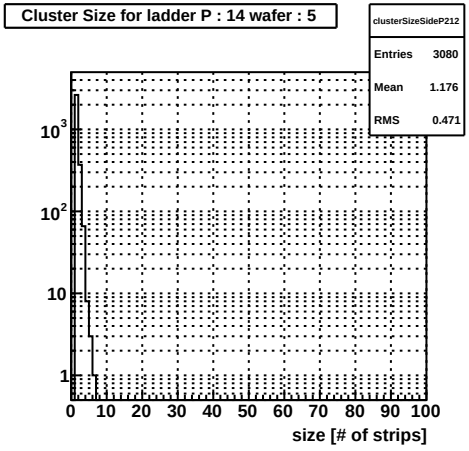

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5469
Mean 1.13
RMS 0.4248
size [# of strips]

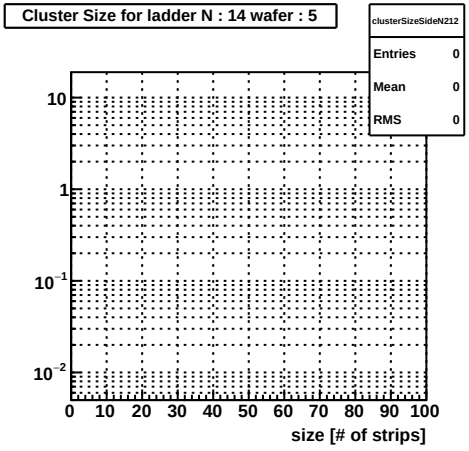

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7567
Mean 1.832
RMS 1.151
size [# of strips]

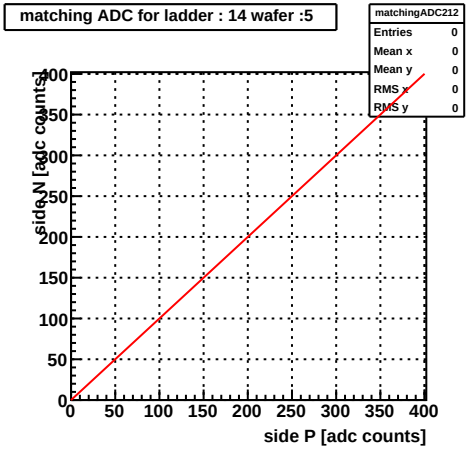

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1287
Mean x 75.2
Mean y 60.21
RMS x 61.8
RMS y 48.85
side N [adc counts]
side P [adc counts]

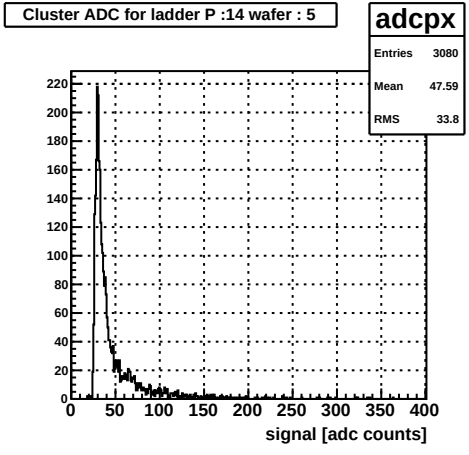

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5469
Mean 43.86
RMS 49.92
signal [adc counts]

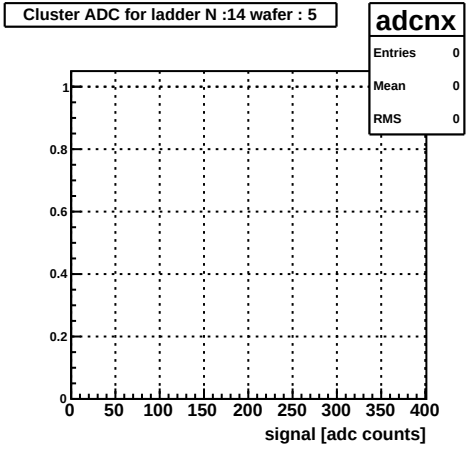

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7567
Mean 38.08
RMS 33.47
signal [adc counts]

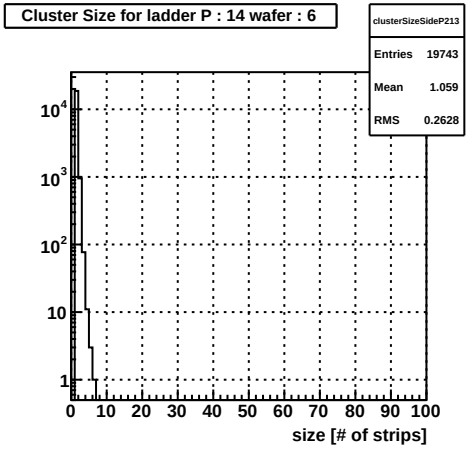

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3080
Mean 1.176
RMS 0.471
size [# of strips]

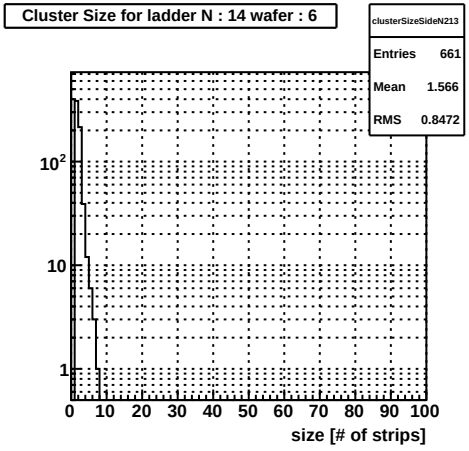

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

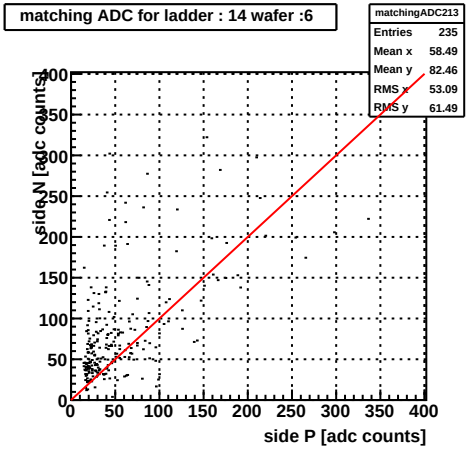

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

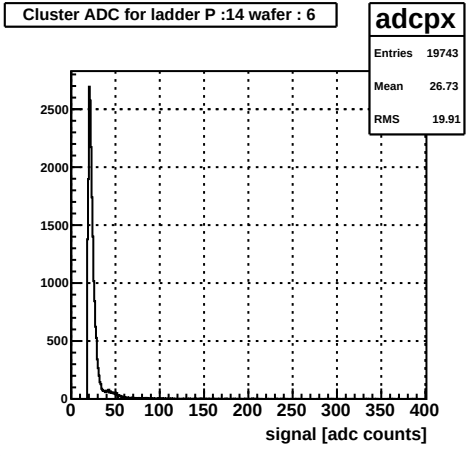

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3080
Mean 47.59
RMS 33.8
signal [adc counts]

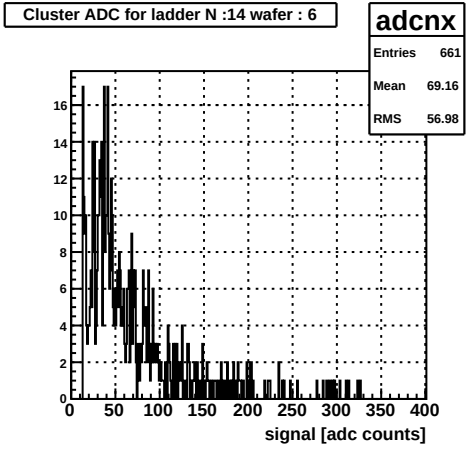

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

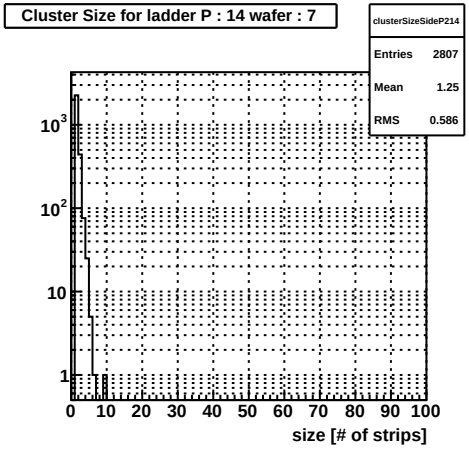

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 19743
Mean 1.059
RMS 0.2628
size [# of strips]

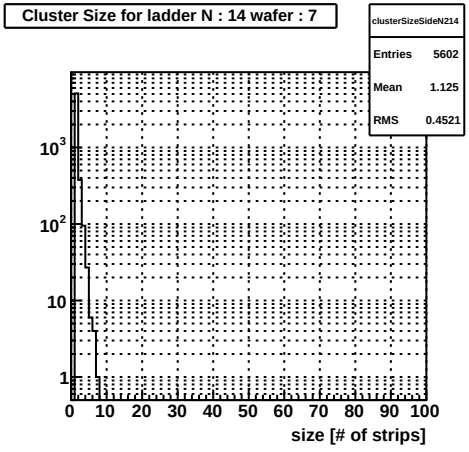

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 661
Mean 1.566
RMS 0.8472
size [# of strips]

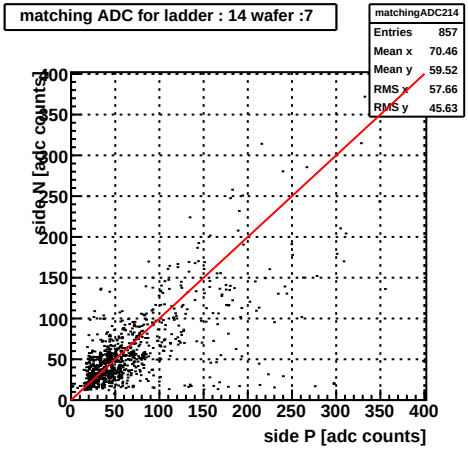

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 235
Mean x 58.49
Mean y 82.46
RMS x 53.09
RMS y 61.49
side N [adc counts]
side P [adc counts]

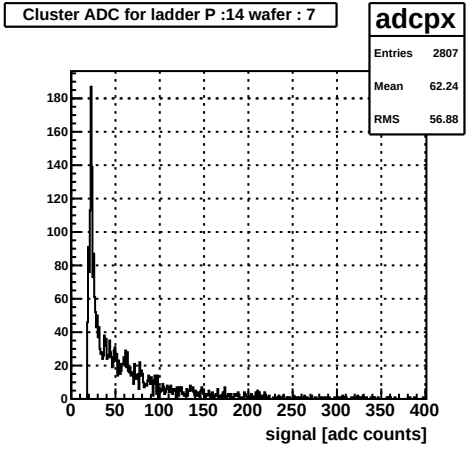

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 19743
Mean 26.73
RMS 19.91
signal [adc counts]

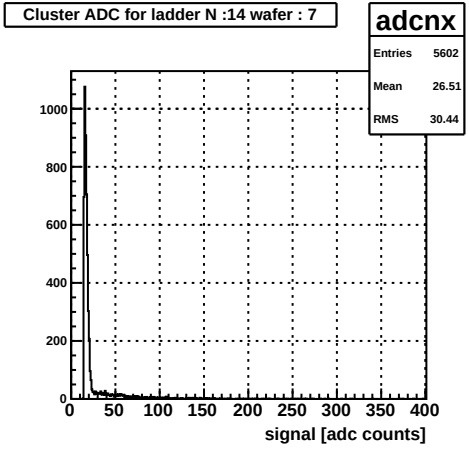

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 661
Mean 69.16
RMS 56.98
signal [adc counts]

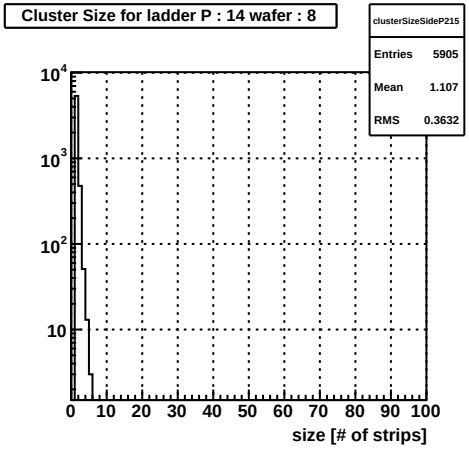

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2807
Mean 1.25
RMS 0.586
size [# of strips]

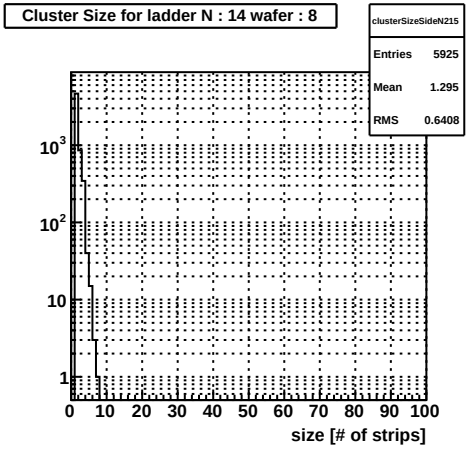

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5602
Mean 1.125
RMS 0.4521
size [# of strips]

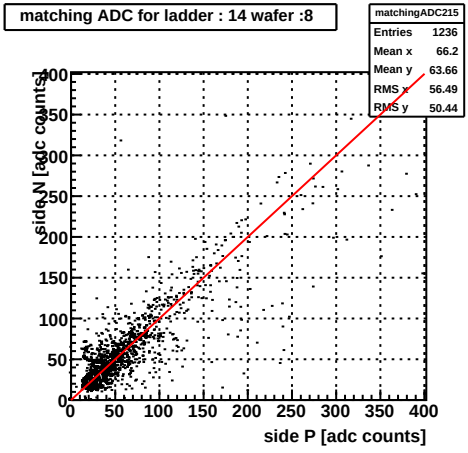

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 857
Mean x 70.46
Mean y 59.52
RMS x 57.66
RMS y 45.63
side N [adc counts]
side P [adc counts]

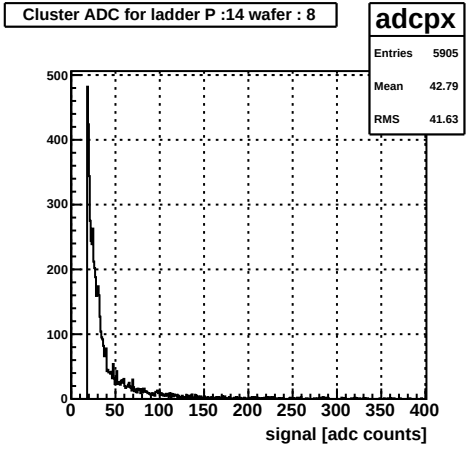

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2807
Mean 62.24
RMS 56.88
signal [adc counts]

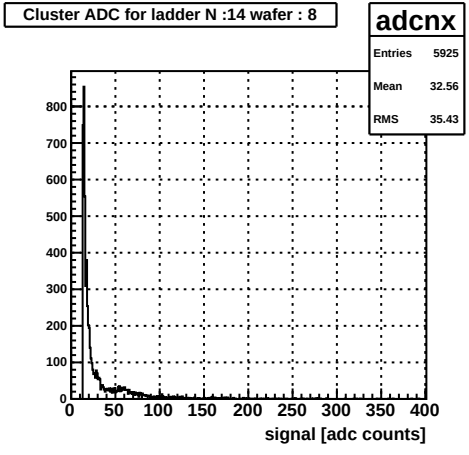

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5602
Mean 26.51
RMS 30.44
signal [adc counts]

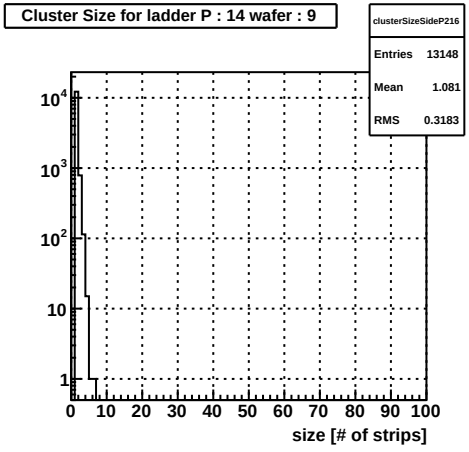

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 5905
Mean 1.107
RMS 0.3632
size [# of strips]

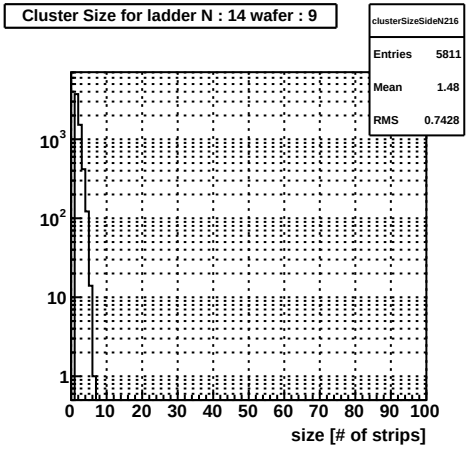

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5925
Mean 1.295
RMS 0.6408
size [# of strips]

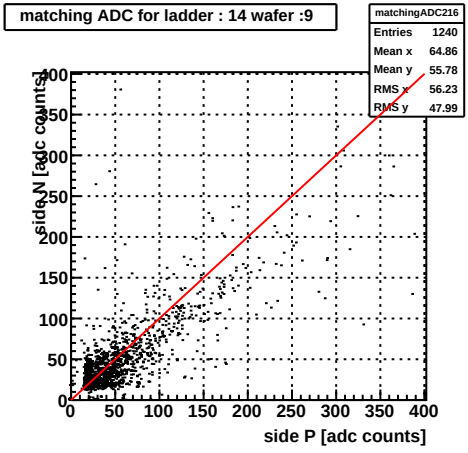

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1236
Mean x 66.2
Mean y 63.66
RMS x 56.49
RMS y 50.44
side N [adc counts]
side P [adc counts]

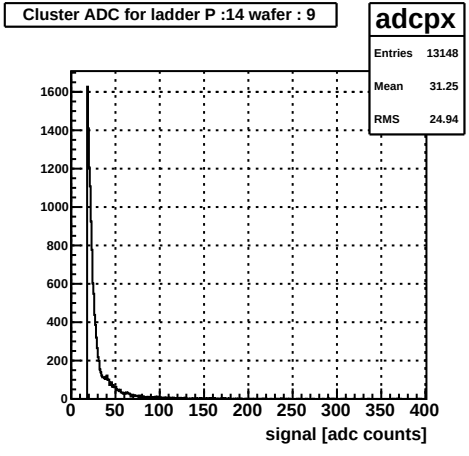

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 5905
Mean 42.79
RMS 41.63
signal [adc counts]

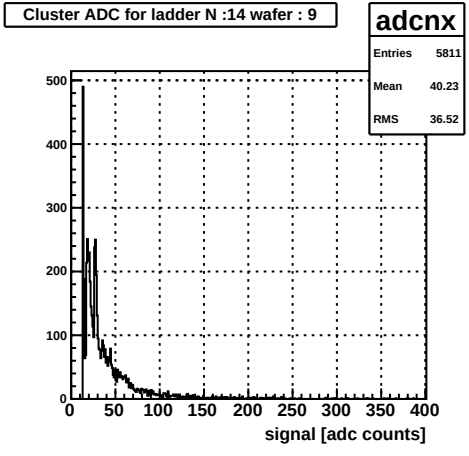

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5925
Mean 32.56
RMS 35.43
signal [adc counts]

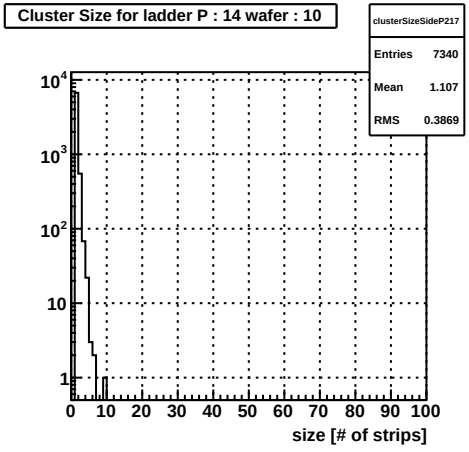

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 13148
Mean 1.081
RMS 0.3183
size [# of strips]

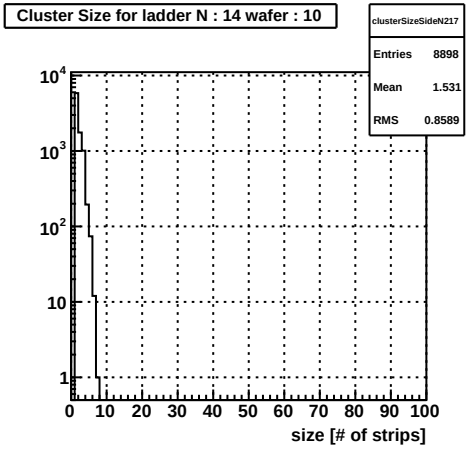

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5811
Mean 1.48
RMS 0.7428
size [# of strips]

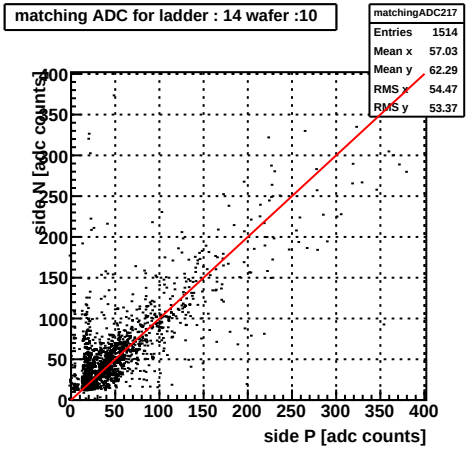

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1240
Mean x 64.86
Mean y 55.78
RMS x 56.23
RMS y 47.99
side N [adc counts]
side P [adc counts]

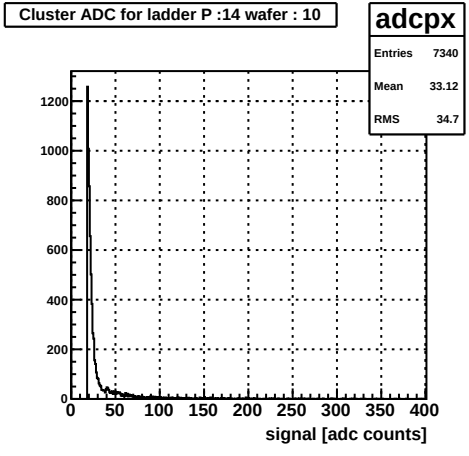

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 13148
Mean 31.25
RMS 24.94
signal [adc counts]

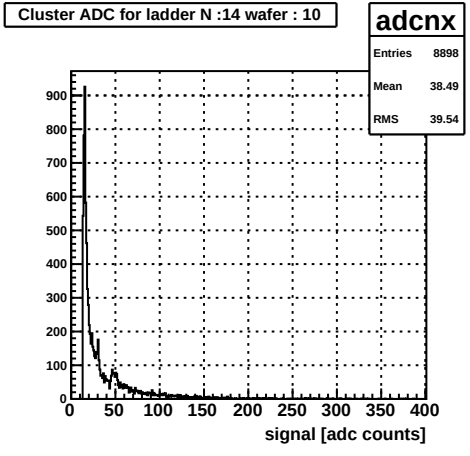

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5811
Mean 40.23
RMS 36.52
signal [adc counts]

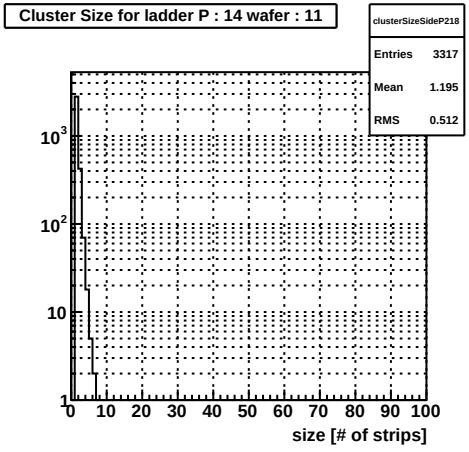

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7340
Mean 1.107
RMS 0.3869
size [# of strips]

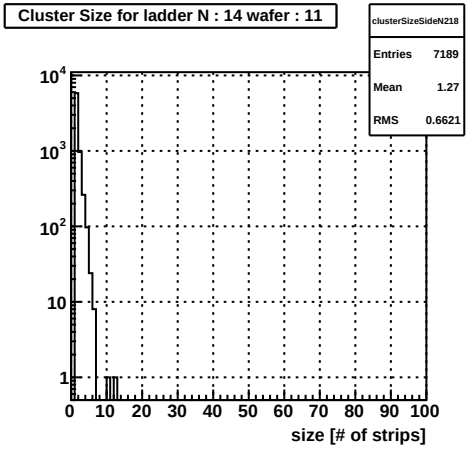

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8898
Mean 1.531
RMS 0.8589
size [# of strips]

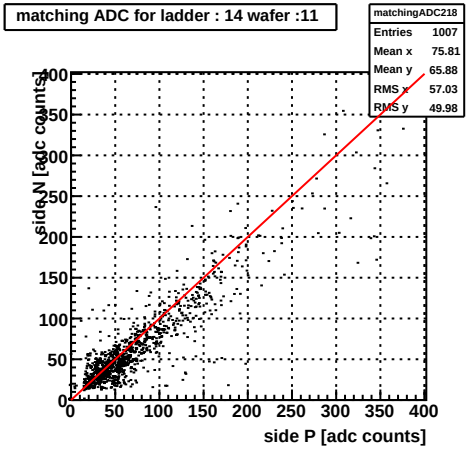

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1514
Mean x 57.03
Mean y 62.29
RMS x 54.47
RMS y 53.37
side N [adc counts]
side P [adc counts]

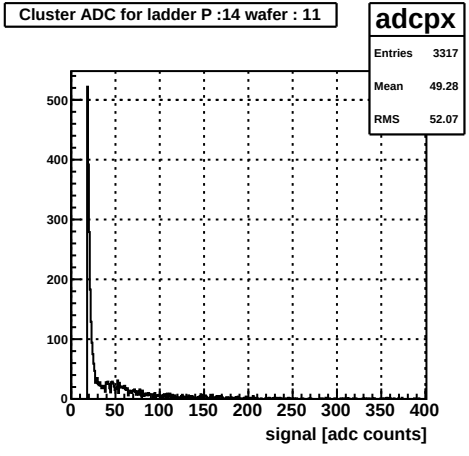

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7340
Mean 33.12
RMS 34.7
signal [adc counts]

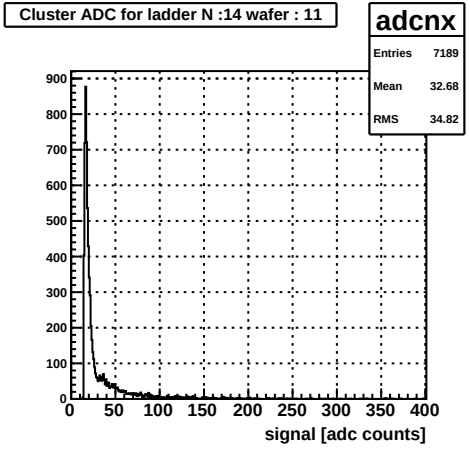

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8898
Mean 38.49
RMS 39.54
signal [adc counts]

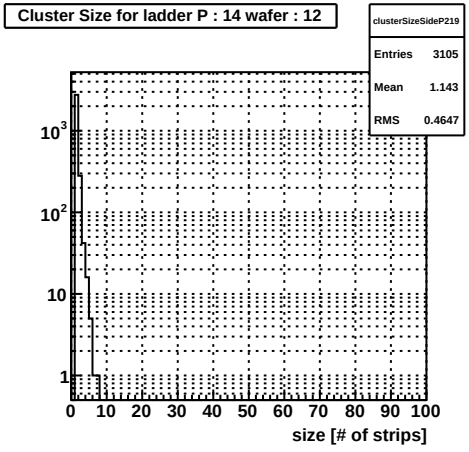

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3317
Mean 1.195
RMS 0.512
size [# of strips]

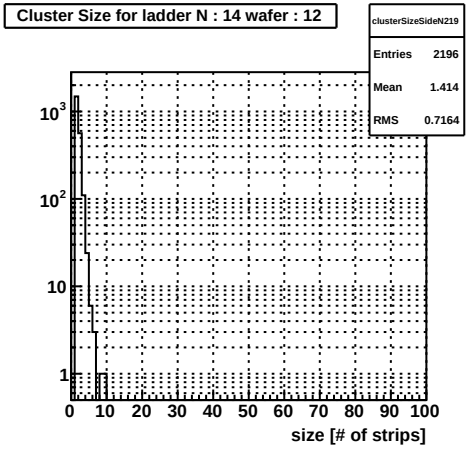

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7189
Mean 1.27
RMS 0.6621
size [# of strips]

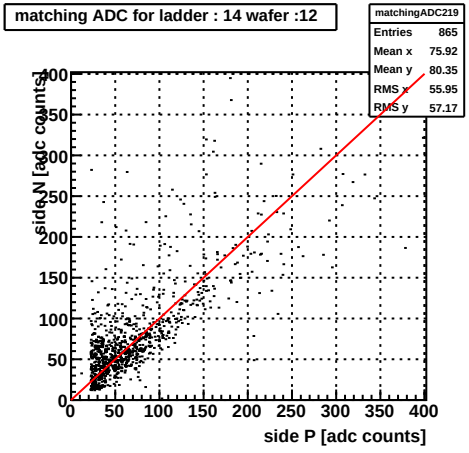

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 1007
Mean x 75.81
Mean y 65.88
RMS x 57.03
RMS y 49.98
side N [adc counts]
side P [adc counts]

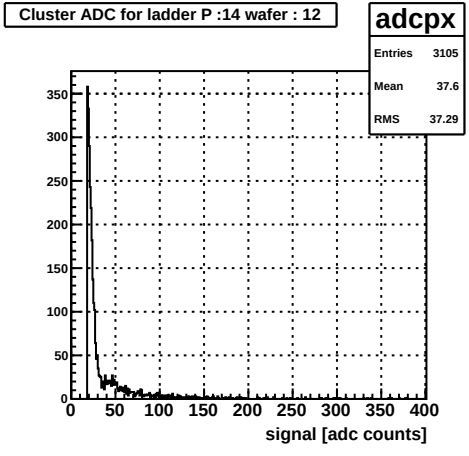

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3317
Mean 49.28
RMS 52.07
signal [adc counts]

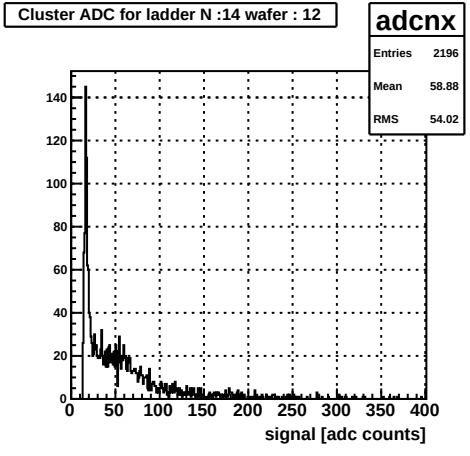

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7189
Mean 32.68
RMS 34.82
signal [adc counts]

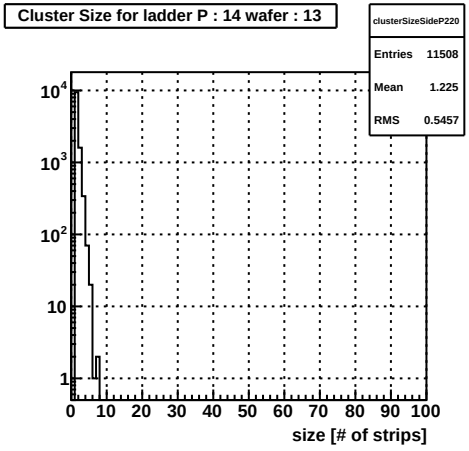

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3105
Mean 1.143
RMS 0.4647
size [# of strips]

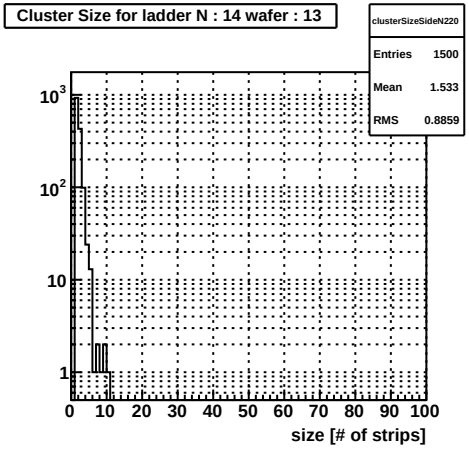

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2196
Mean 1.414
RMS 0.7164
size [# of strips]

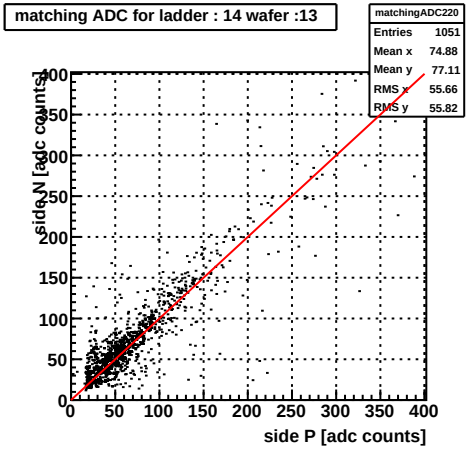

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 865
Mean x 75.92
Mean y 80.35
RMS x 55.95
RMS y 57.17
side N [adc counts]
side P [adc counts]

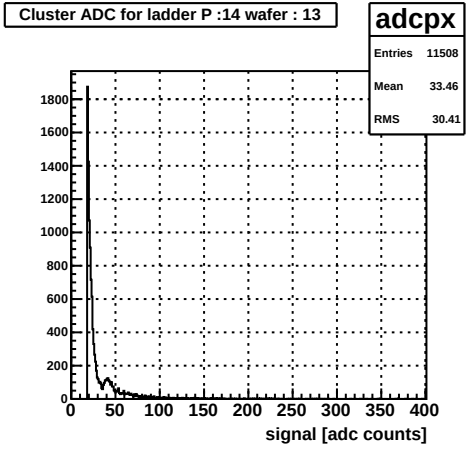

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3105
Mean 37.6
RMS 37.29
signal [adc counts]

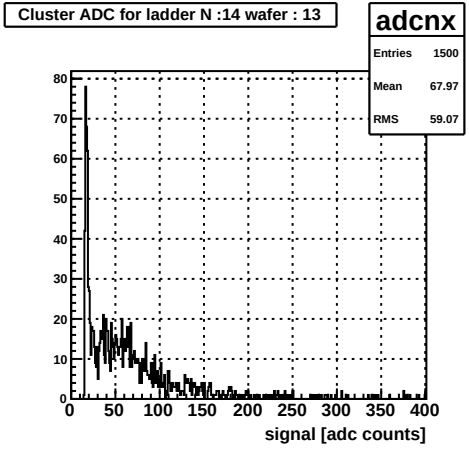

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2196
Mean 58.88
RMS 54.02
signal [adc counts]

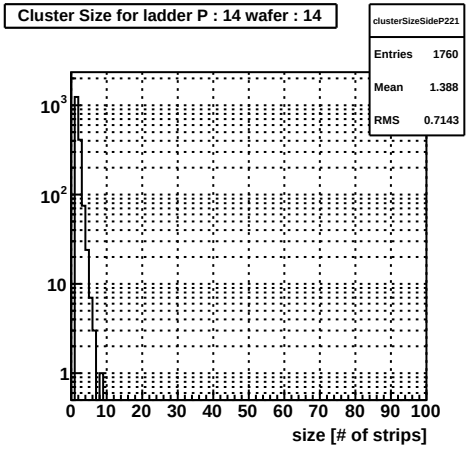

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 11508
Mean 1.225
RMS 0.5457
size [# of strips]

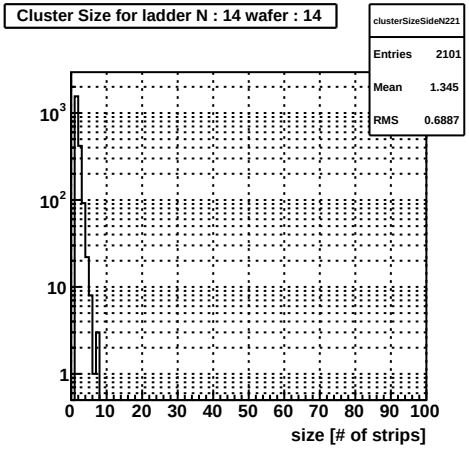

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1500
Mean 1.533
RMS 0.8859
size [# of strips]

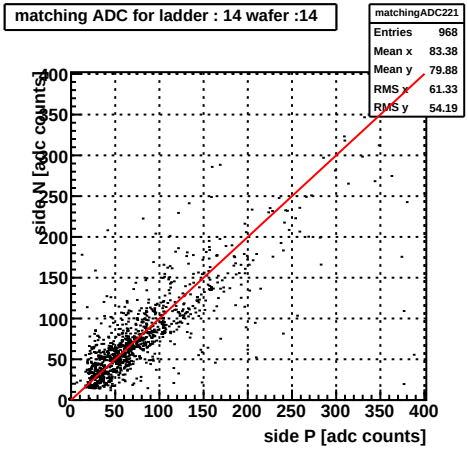

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1051
Mean x 74.88
Mean y 77.11
RMS x 55.66
RMS y 55.82
side N [adc counts]
side P [adc counts]

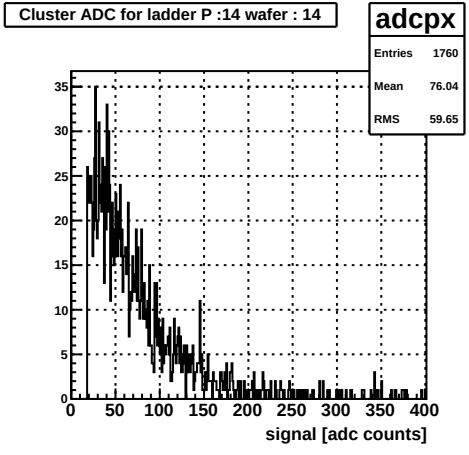

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 11508
Mean 33.46
RMS 30.41
signal [adc counts]

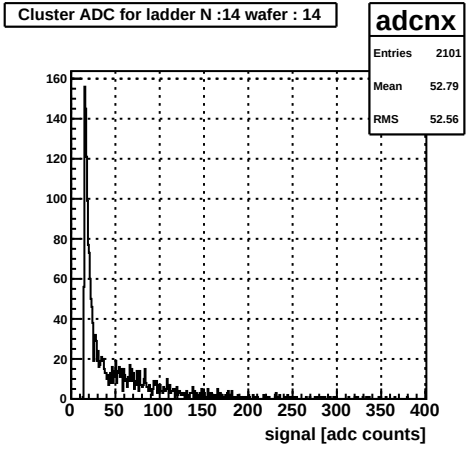

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1500
Mean 67.97
RMS 59.07
signal [adc counts]

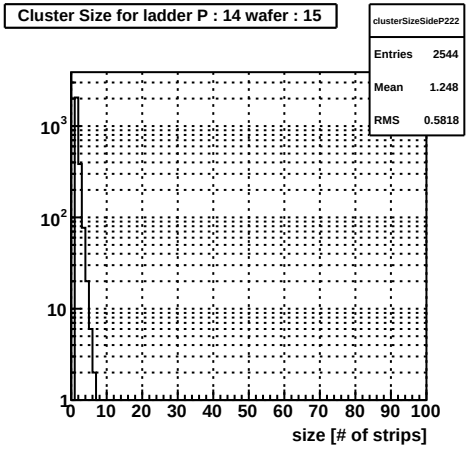

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1760
Mean 1.388
RMS 0.7143
size [# of strips]

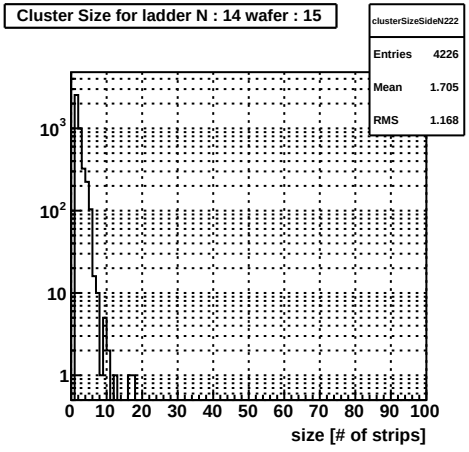

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2101
Mean 1.345
RMS 0.6887
size [# of strips]

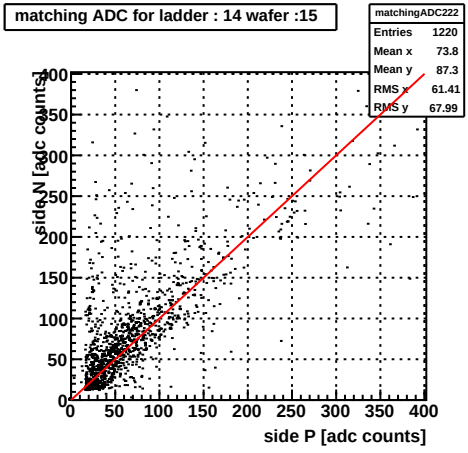

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 968
Mean x 83.38
Mean y 79.88
RMS x 61.33
RMS y 54.19
side N [adc counts]
side P [adc counts]

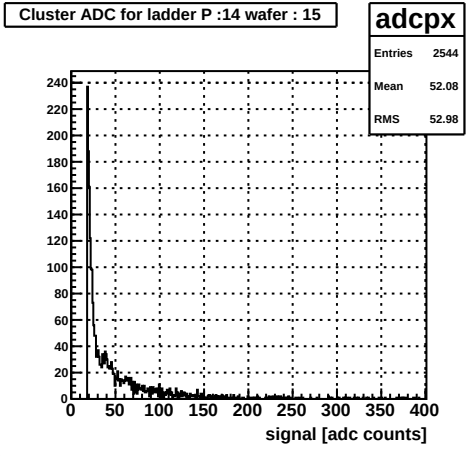

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1760
Mean 76.04
RMS 59.65
signal [adc counts]

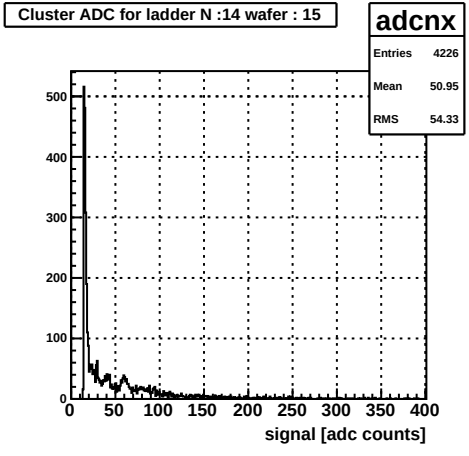

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2101
Mean 52.79
RMS 52.56
signal [adc counts]

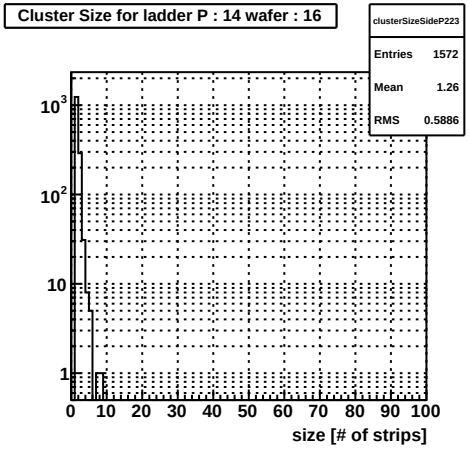

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2544
Mean 1.248
RMS 0.5818
size [# of strips]

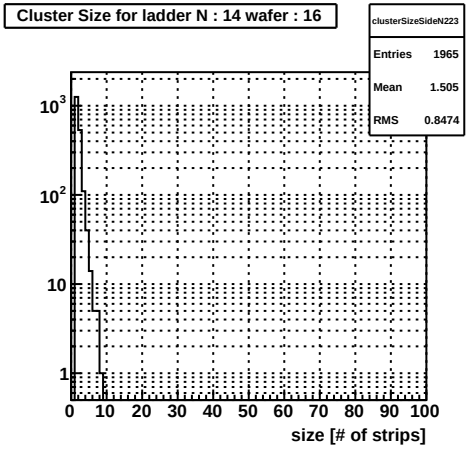

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4226
Mean 1.705
RMS 1.168
size [# of strips]

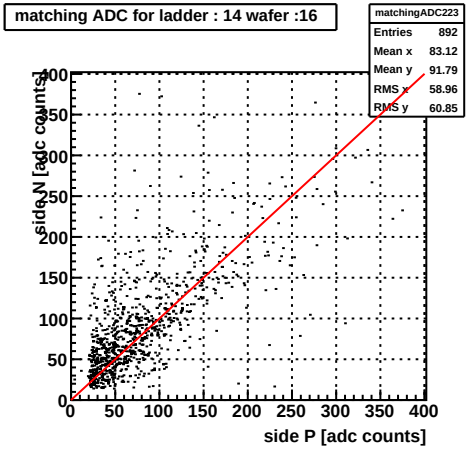

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1220
Mean x 73.8
Mean y 87.3
RMS x 61.41
RMS y 67.99
side N [adc counts]
side P [adc counts]

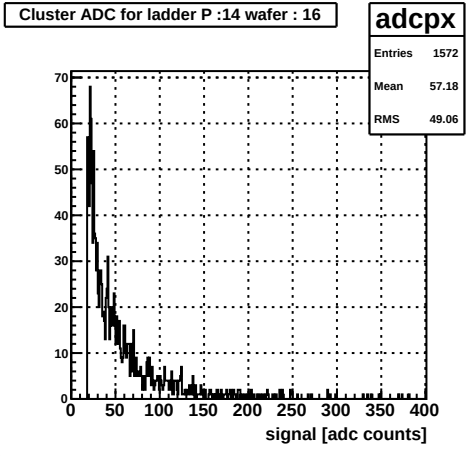

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2544
Mean 52.08
RMS 52.98
signal [adc counts]

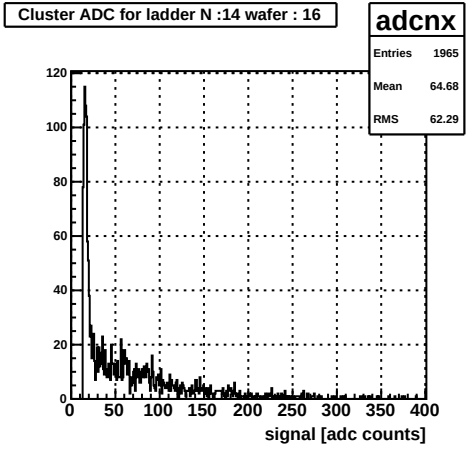

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4226
Mean 50.95
RMS 54.33
signal [adc counts]

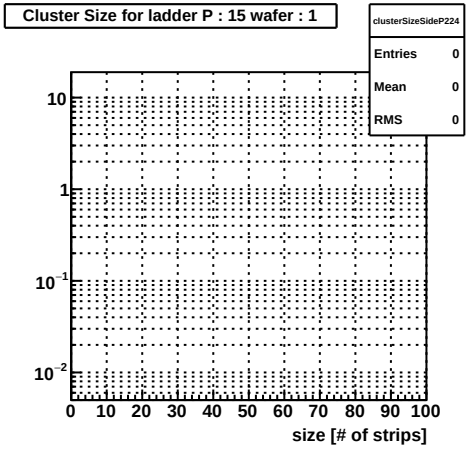

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1572
Mean 1.26
RMS 0.5886
size [# of strips]

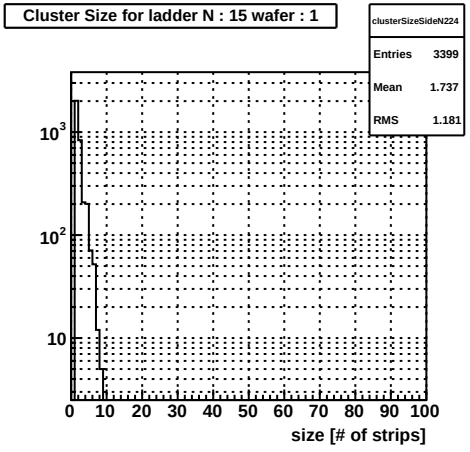

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1965
Mean 1.505
RMS 0.8474
size [# of strips]

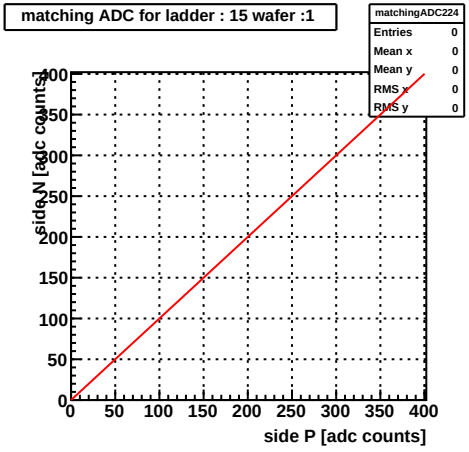

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 892
Mean x 83.12
Mean y 91.79
RMS x 58.96
RMS y 60.85
side N [adc counts]
side P [adc counts]

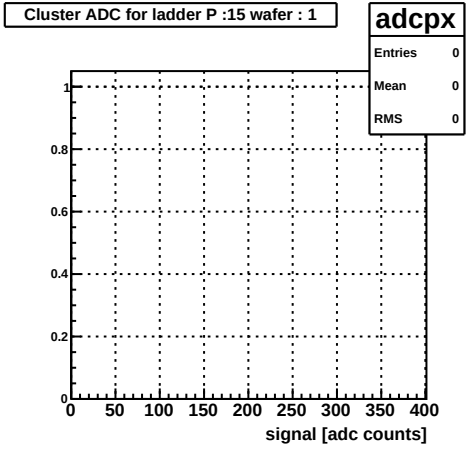

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1572
Mean 57.18
RMS 49.06
signal [adc counts]

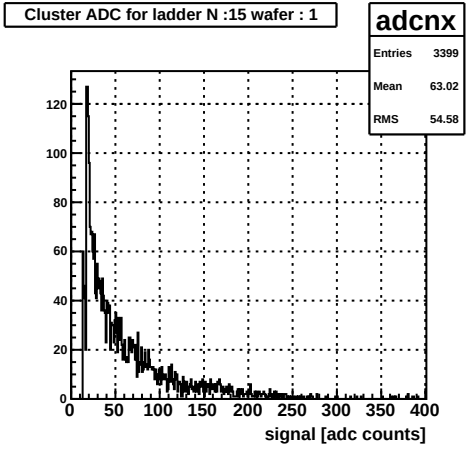

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1965
Mean 64.68
RMS 62.29
signal [adc counts]

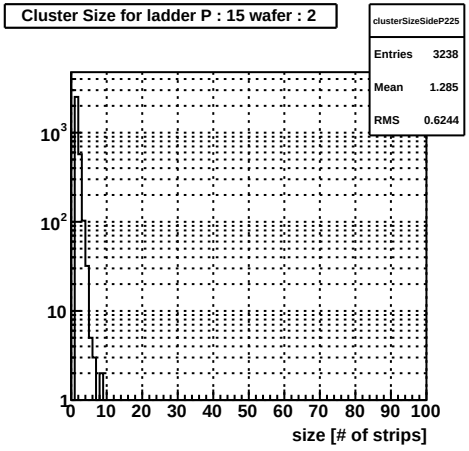

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

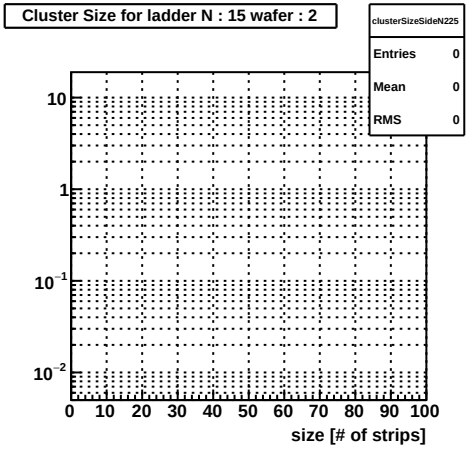

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3399
Mean 1.737
RMS 1.181
size [# of strips]

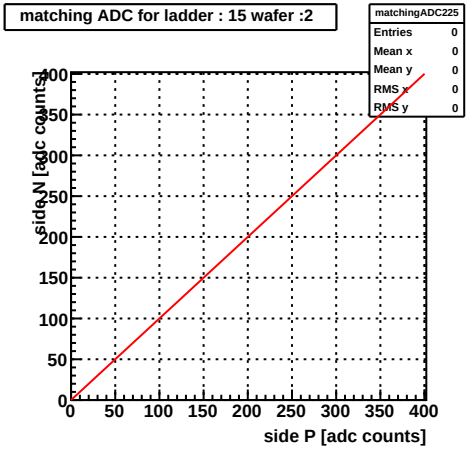

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

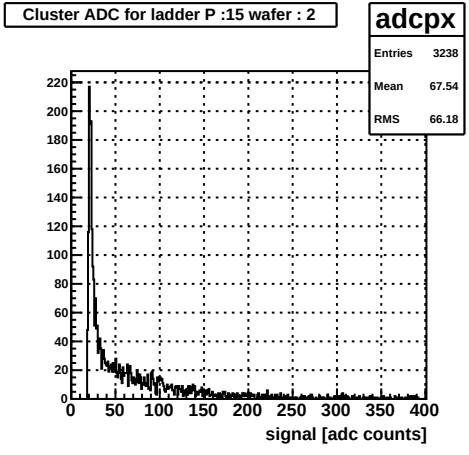

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

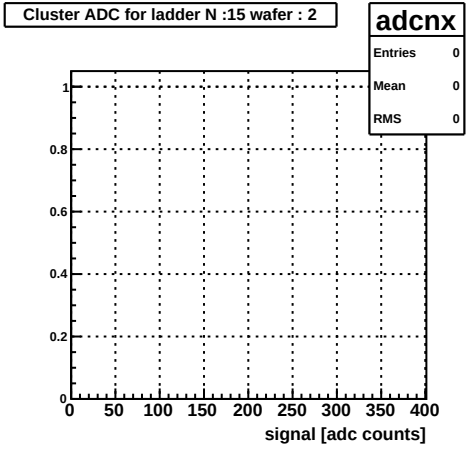

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3399
Mean 63.02
RMS 54.58
signal [adc counts]

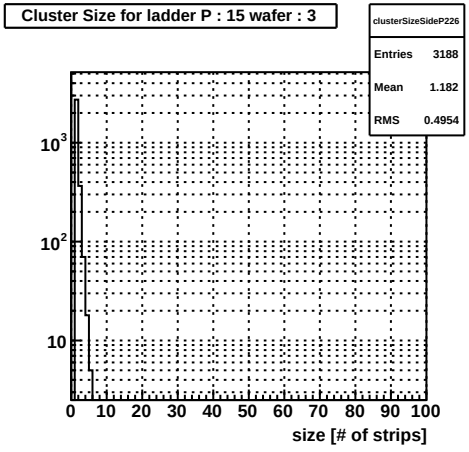

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3238
Mean 1.285
RMS 0.6244
size [# of strips]

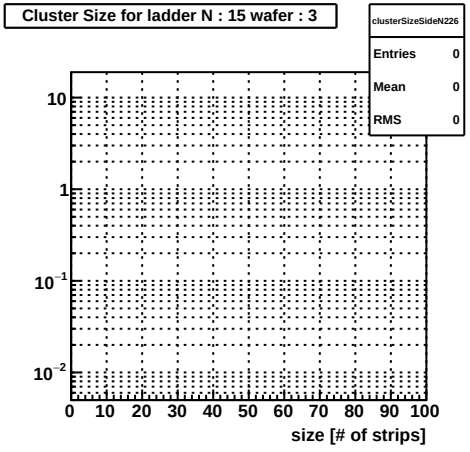

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

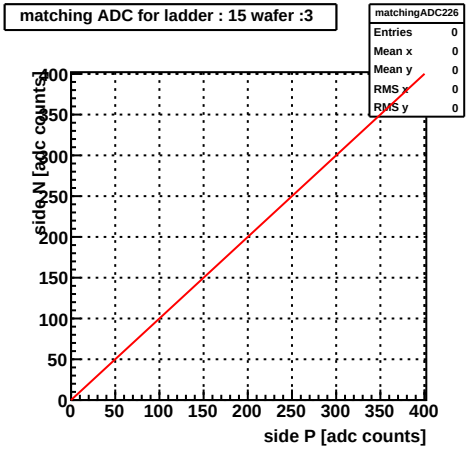

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

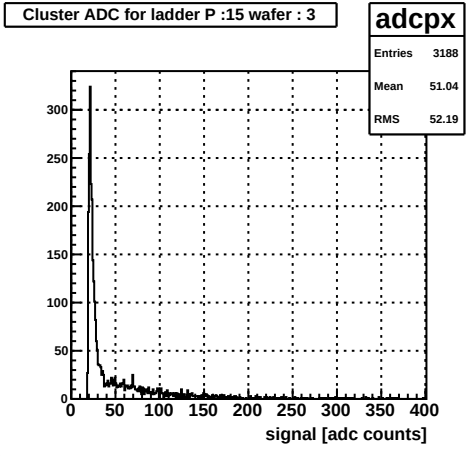

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3238
Mean 67.54
RMS 66.18
signal [adc counts]

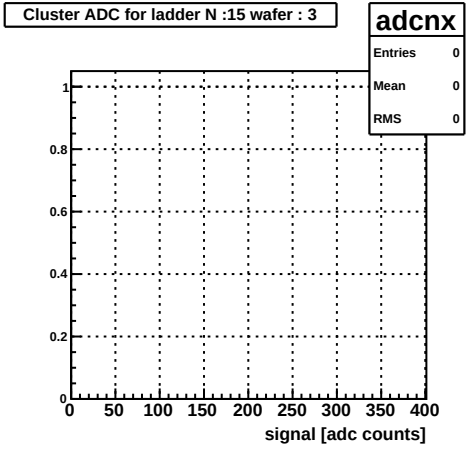

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

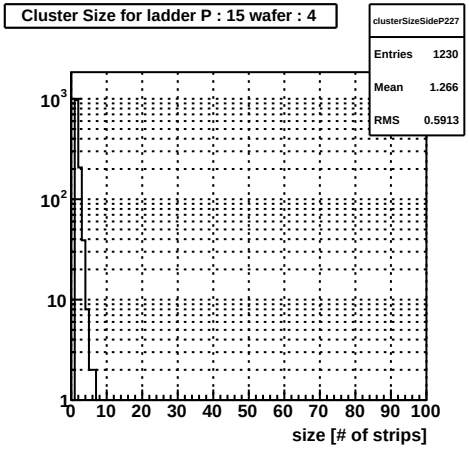

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 3188
Mean 1.182
RMS 0.4954
size [# of strips]

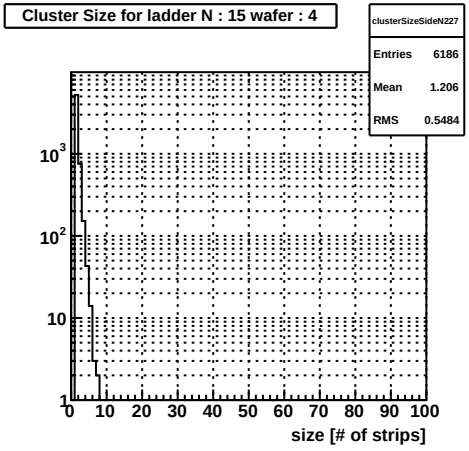

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

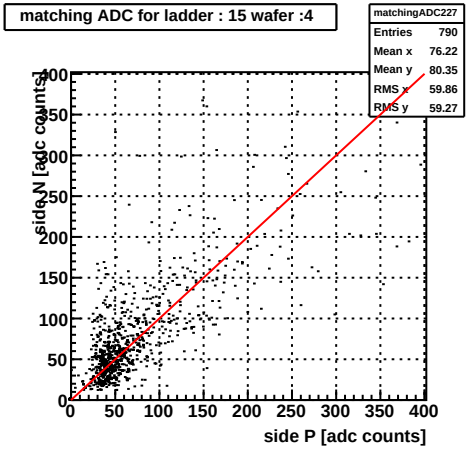

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

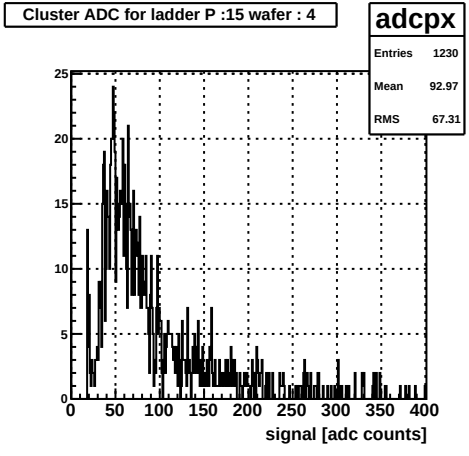

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 3188
Mean 51.04
RMS 52.19
signal [adc counts]

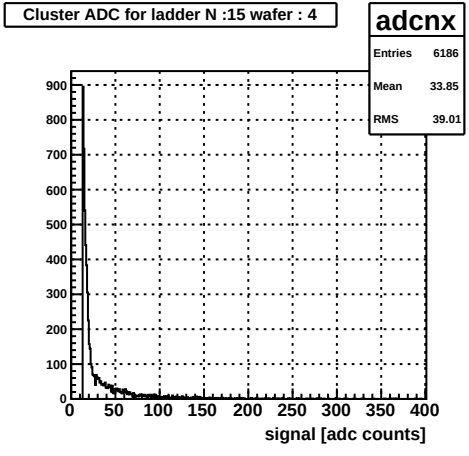

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

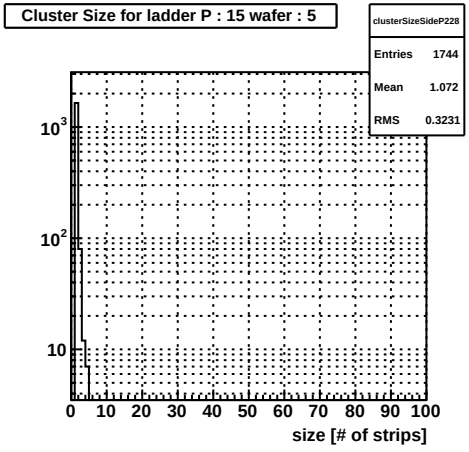

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1230
Mean 1.266
RMS 0.5913
size [# of strips]

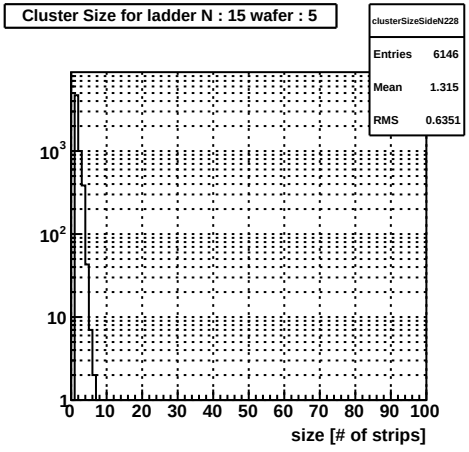

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6186
Mean 1.206
RMS 0.5484
size [# of strips]

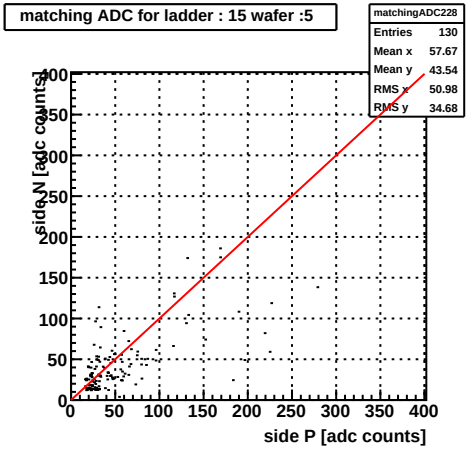

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 790
Mean x 76.22
Mean y 80.35
RMS x 59.86
RMS y 59.27
side N [adc counts]
side P [adc counts]

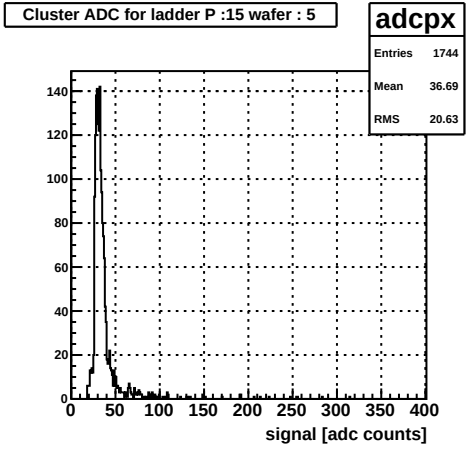

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1230
Mean 92.97
RMS 67.31
signal [adc counts]

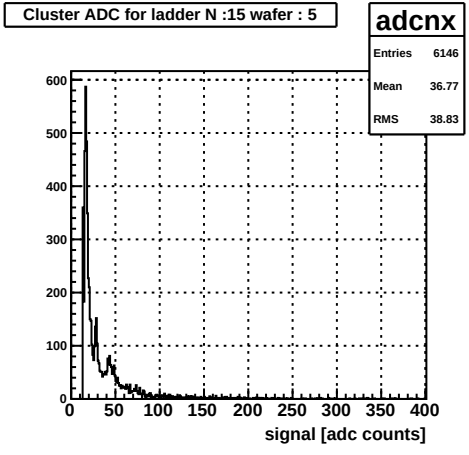

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6186
Mean 33.85
RMS 39.01
signal [adc counts]

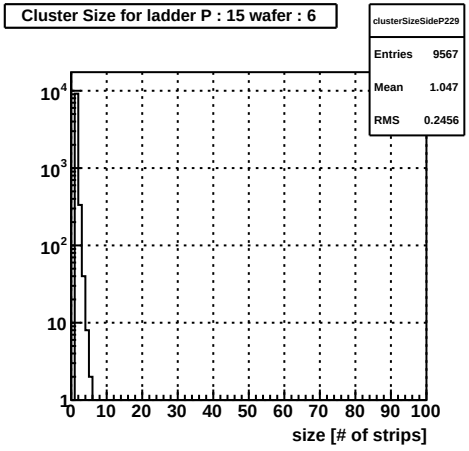

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1744
Mean 1.072
RMS 0.3231
size [# of strips]

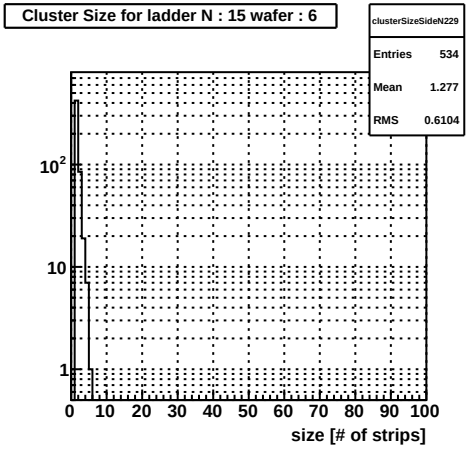

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6146
Mean 1.315
RMS 0.6351
size [# of strips]

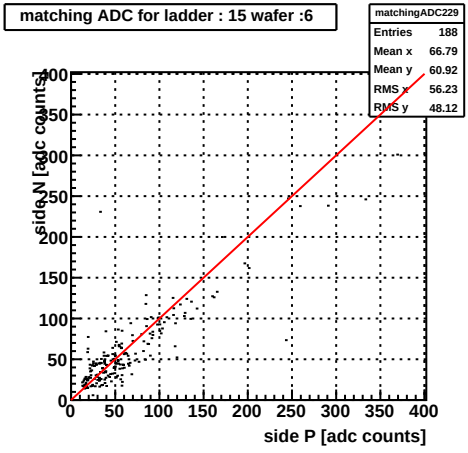

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 130
Mean x 57.67
Mean y 43.54
RMS x 50.98
RMS y 34.68
side N [adc counts]
side P [adc counts]

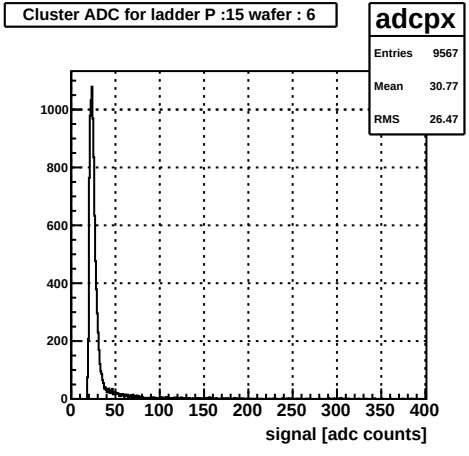

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1744
Mean 36.69
RMS 20.63
signal [adc counts]

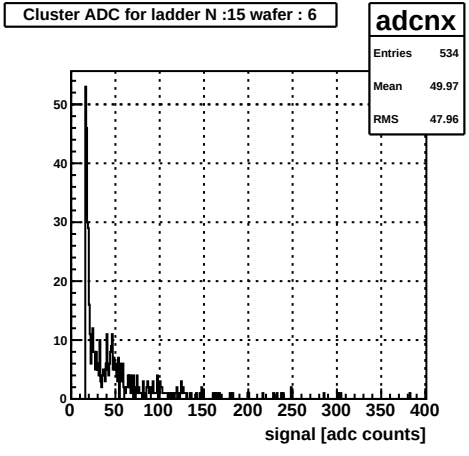

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6146
Mean 36.77
RMS 38.83
signal [adc counts]

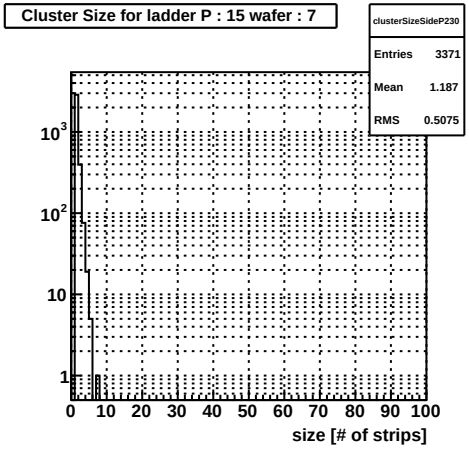

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9567
Mean 1.047
RMS 0.2456
size [# of strips]

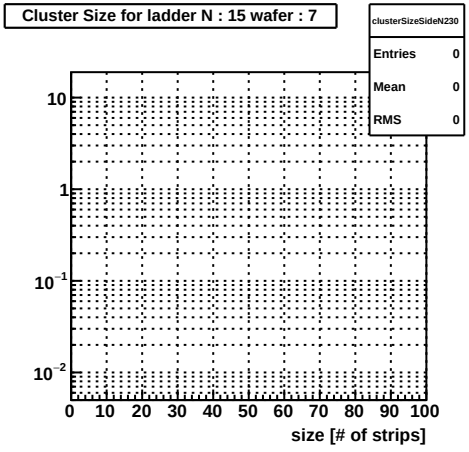

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 534
Mean 1.277
RMS 0.6104
size [# of strips]

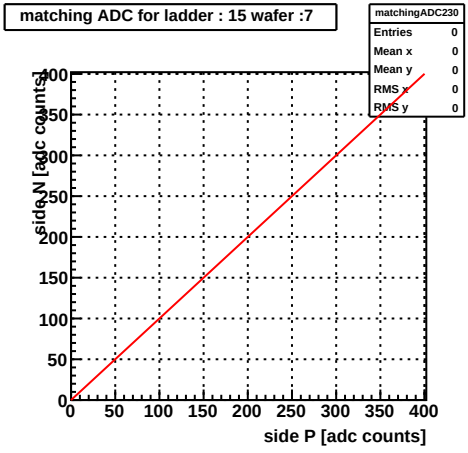

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 188
Mean x 66.79
Mean y 60.92
RMS x 56.23
RMS y 48.12
side N [adc counts]
side P [adc counts]

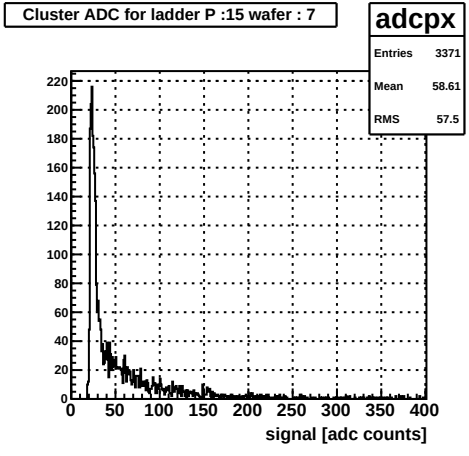

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9567
Mean 30.77
RMS 26.47
signal [adc counts]

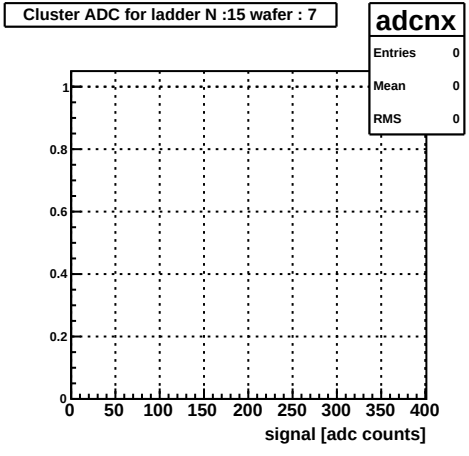

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 534
Mean 49.97
RMS 47.96
signal [adc counts]

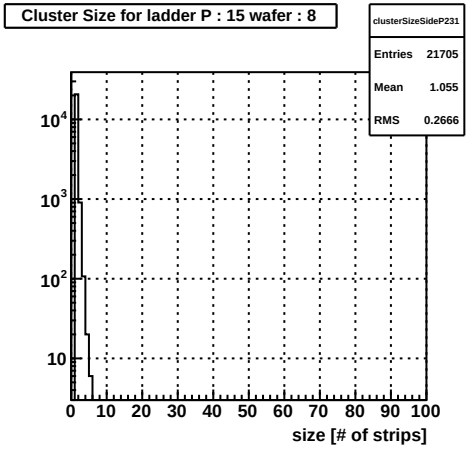

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3371
Mean 1.187
RMS 0.5075
size [# of strips]

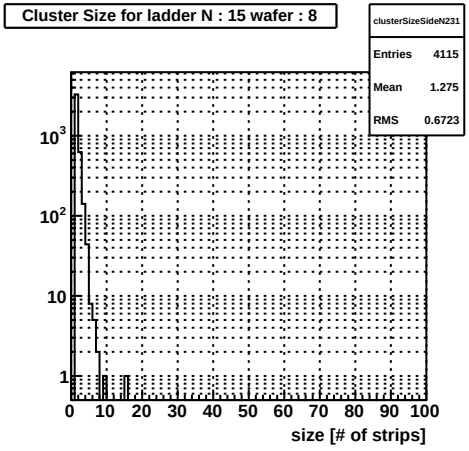

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

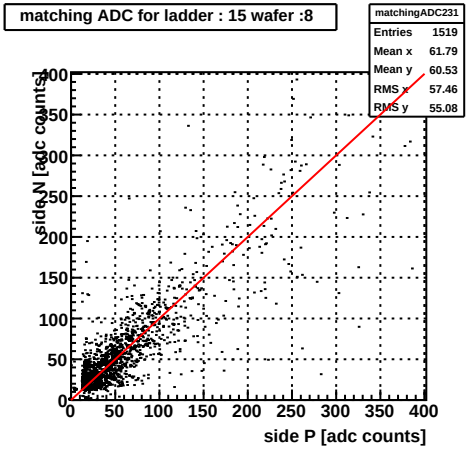

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

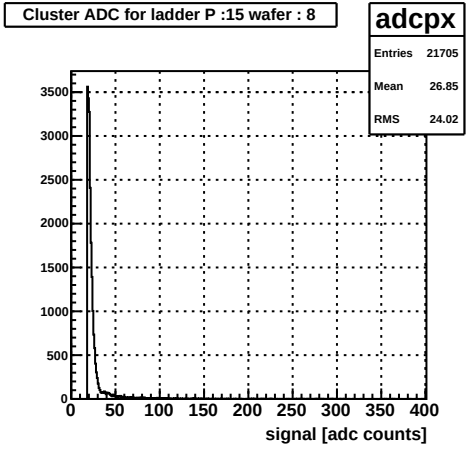

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3371
Mean 58.61
RMS 57.5
signal [adc counts]

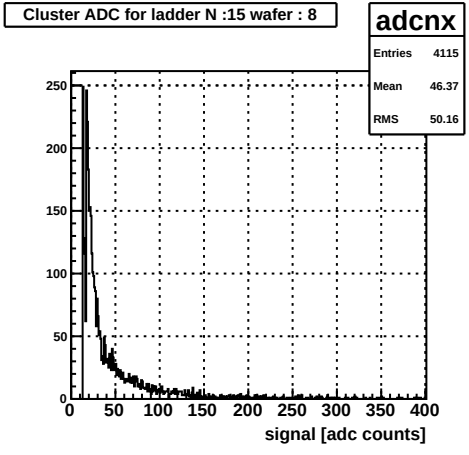

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

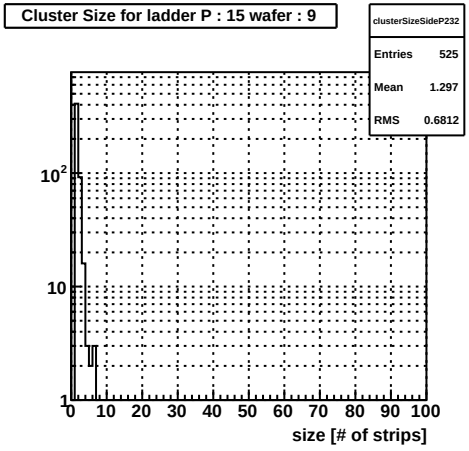

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 21705
Mean 1.055
RMS 0.2666
size [# of strips]

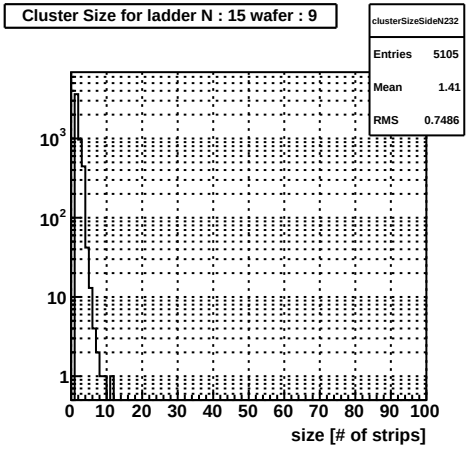

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4115
Mean 1.275
RMS 0.6723
size [# of strips]

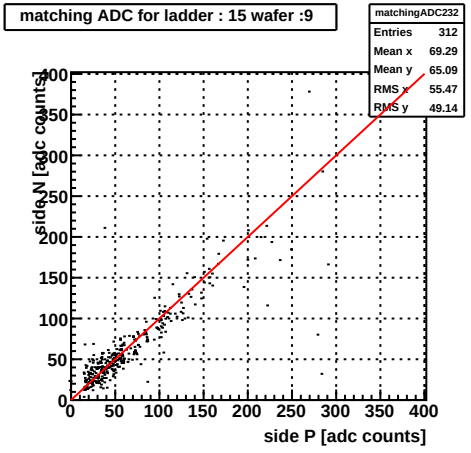

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1519
Mean x 61.79
Mean y 60.53
RMS x 57.46
RMS y 55.08
side N [adc counts]
side P [adc counts]

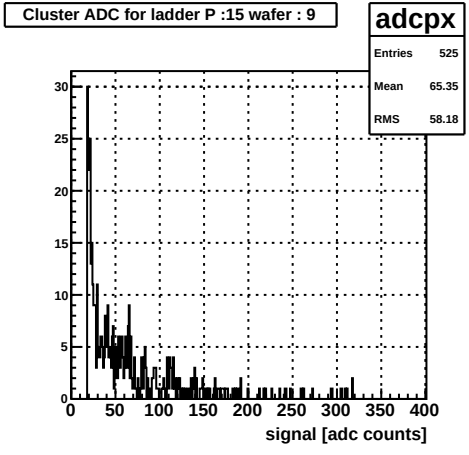

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 21705
Mean 26.85
RMS 24.02
signal [adc counts]

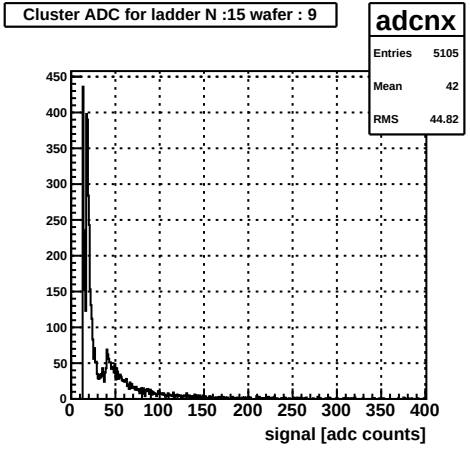

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4115
Mean 46.37
RMS 50.16
signal [adc counts]

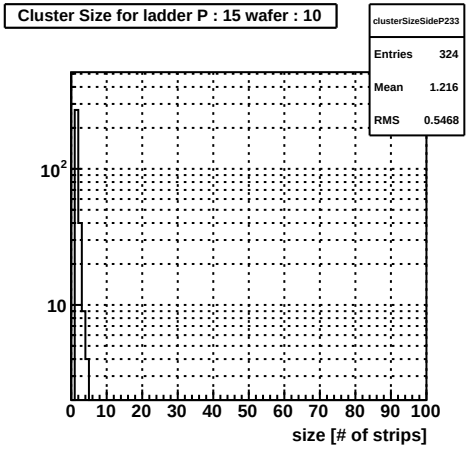

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 525
Mean 1.297
RMS 0.6812
size [# of strips]

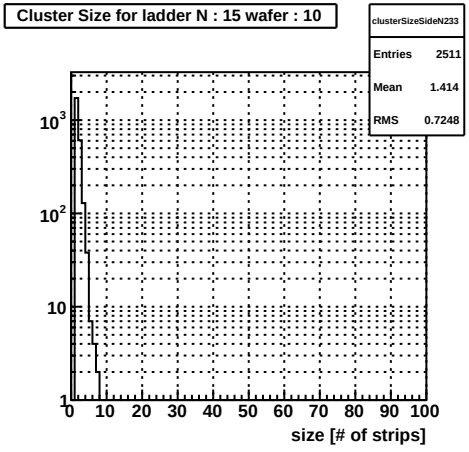

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5105
Mean 1.41
RMS 0.7486
size [# of strips]

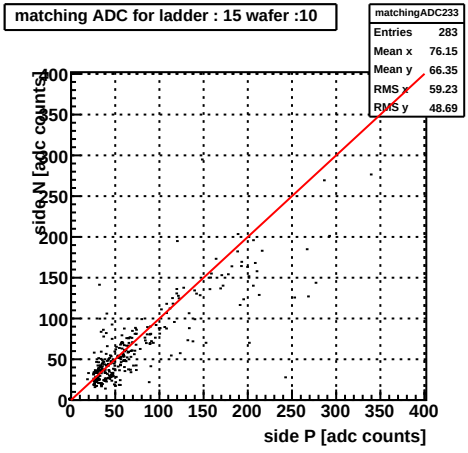

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 312
Mean x 69.29
Mean y 65.09
RMS x 55.47
RMS y 49.14
side N [adc counts]
side P [adc counts]

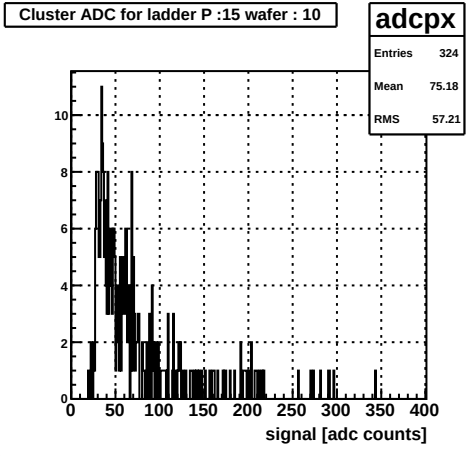

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 525
Mean 65.35
RMS 58.18
signal [adc counts]

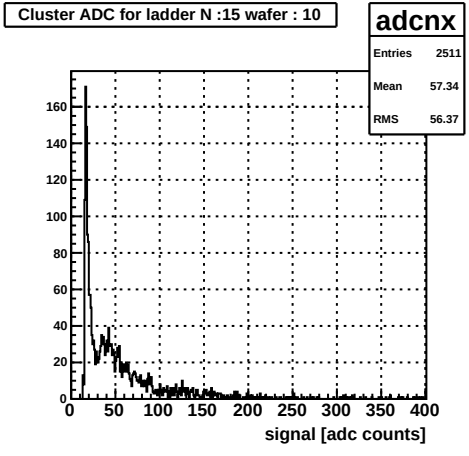

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5105
Mean 42
RMS 44.82
signal [adc counts]

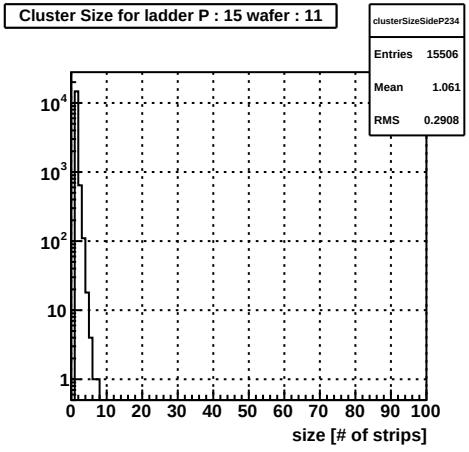

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 324
Mean 1.216
RMS 0.5468
size [# of strips]

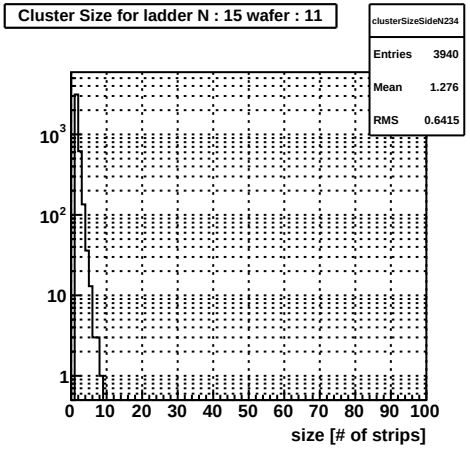

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2511
Mean 1.414
RMS 0.7248
size [# of strips]

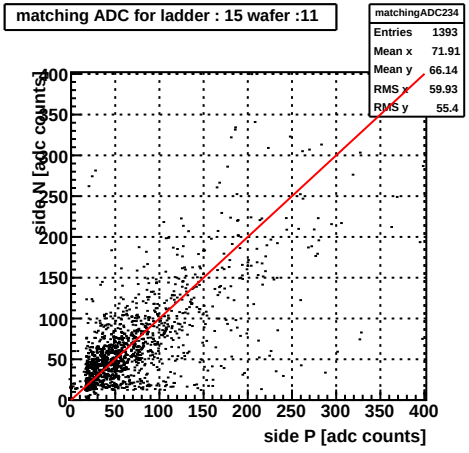

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 283
Mean x 76.15
Mean y 66.35
RMS x 59.23
RMS y 48.69
side N [adc counts]
side P [adc counts]

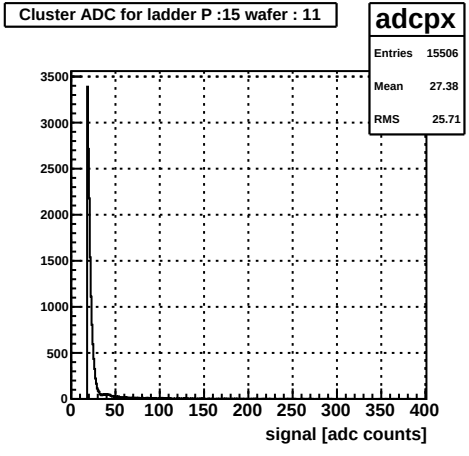

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 324
Mean 75.18
RMS 57.21
signal [adc counts]

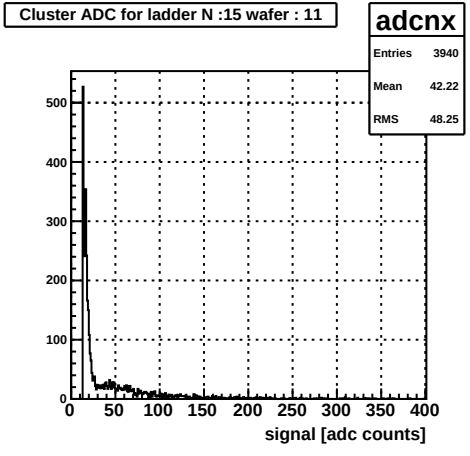

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2511
Mean 57.34
RMS 56.37
signal [adc counts]

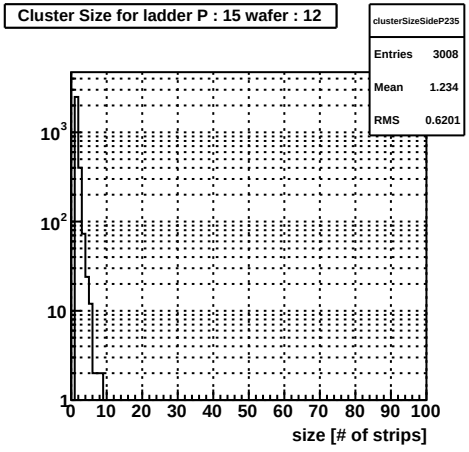

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 15506
Mean 1.061
RMS 0.2908
size [# of strips]

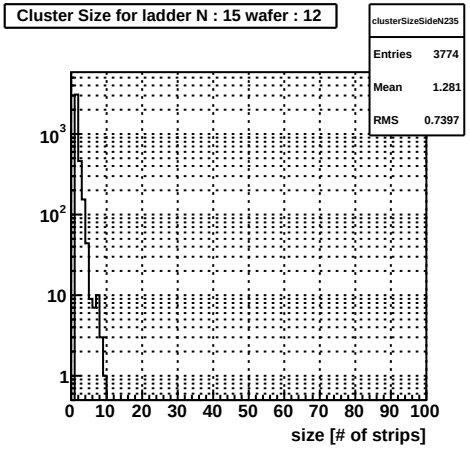

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3940
Mean 1.276
RMS 0.6415
size [# of strips]

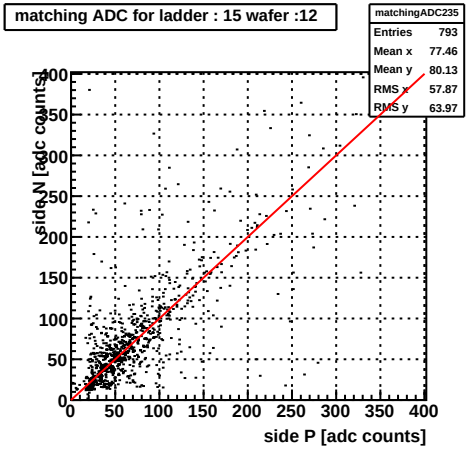

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1393
Mean x 71.91
Mean y 66.14
RMS x 59.93
RMS y 55.4
side N [adc counts]
side P [adc counts]

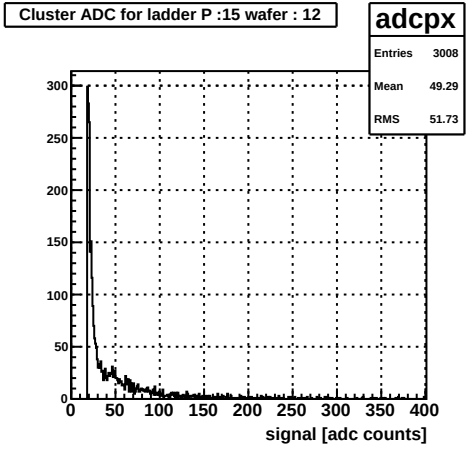

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 15506
Mean 27.38
RMS 25.71
signal [adc counts]

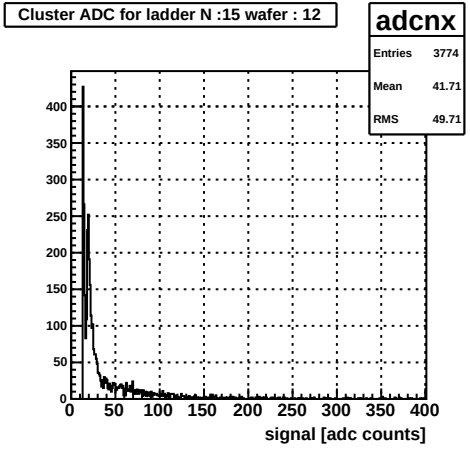

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3940
Mean 42.22
RMS 48.25
signal [adc counts]

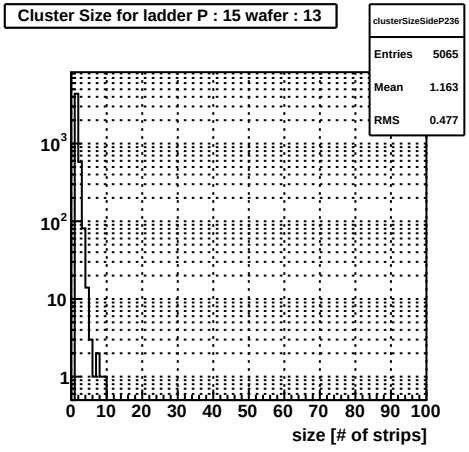

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3008
Mean 1.234
RMS 0.6201
size [# of strips]

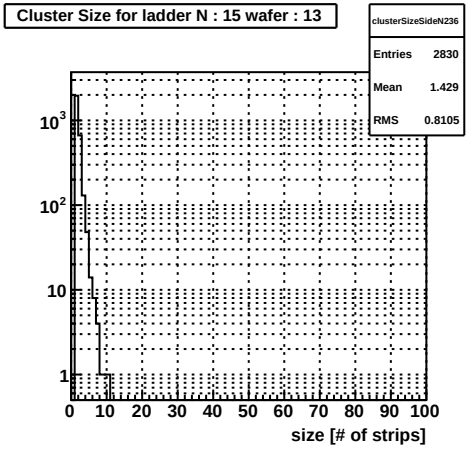

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3774
Mean 1.281
RMS 0.7397
size [# of strips]

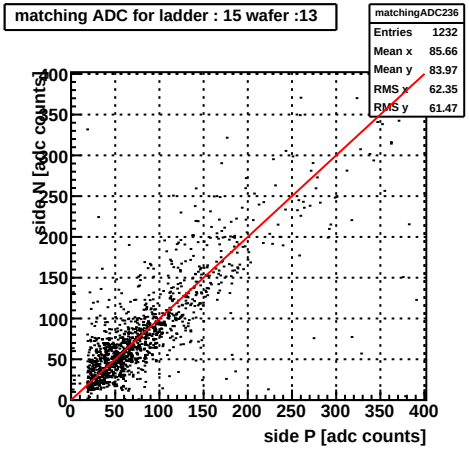

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 793
Mean x 77.46
Mean y 80.13
RMS x 57.87
RMS y 63.97
side N [adc counts]
side P [adc counts]

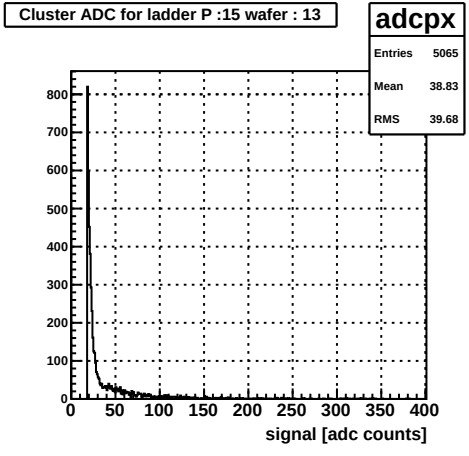

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3008
Mean 49.29
RMS 51.73
signal [adc counts]

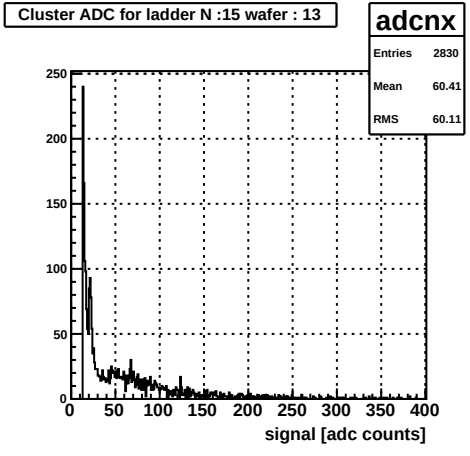

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3774
Mean 41.71
RMS 49.71
signal [adc counts]

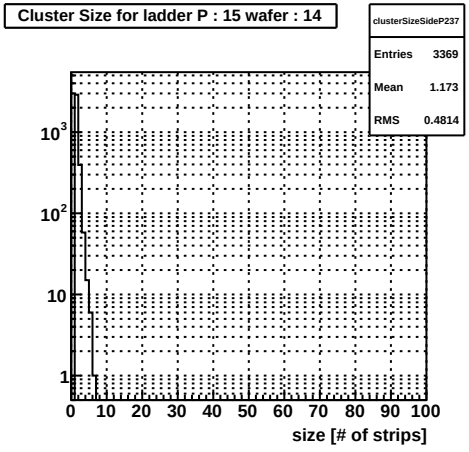

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5065
Mean 1.163
RMS 0.477
size [# of strips]

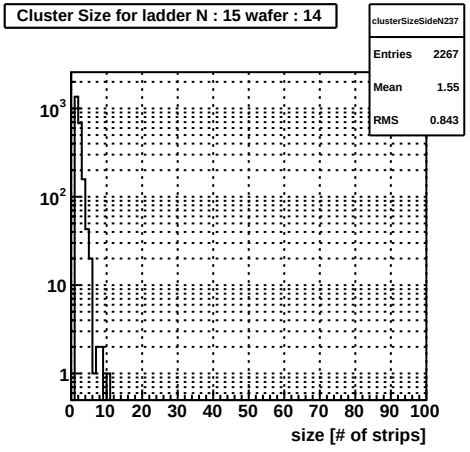

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2830
Mean 1.429
RMS 0.8105
size [# of strips]

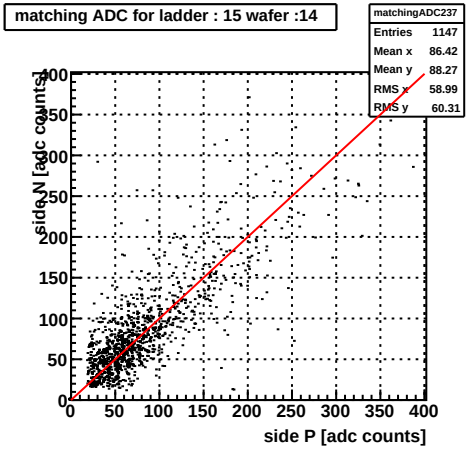

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1232
Mean x 85.66
Mean y 83.97
RMS x 62.35
RMS y 61.47
side N [adc counts]
side P [adc counts]

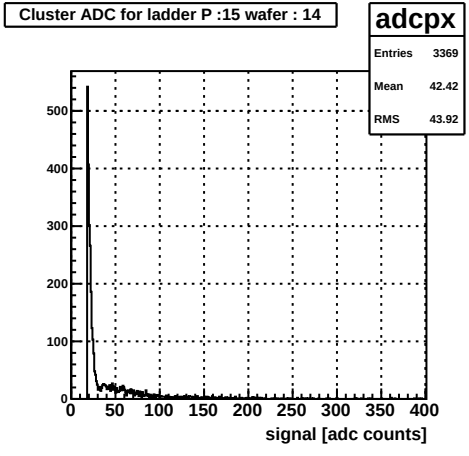

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5065
Mean 38.83
RMS 39.68
signal [adc counts]

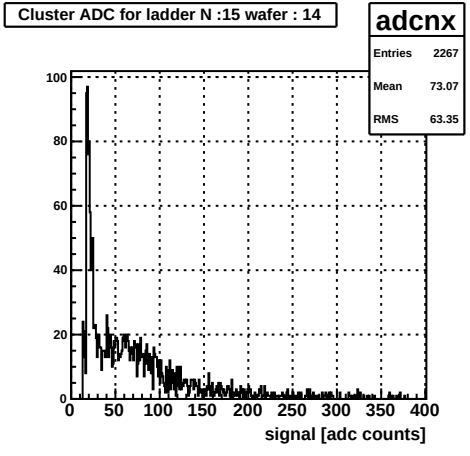

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2830
Mean 60.41
RMS 60.11
signal [adc counts]

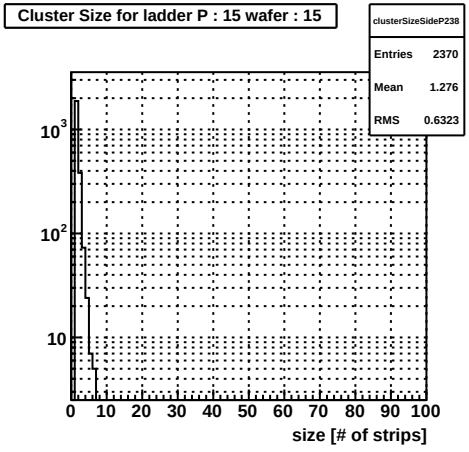

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3369
Mean 1.173
RMS 0.4814
size [# of strips]

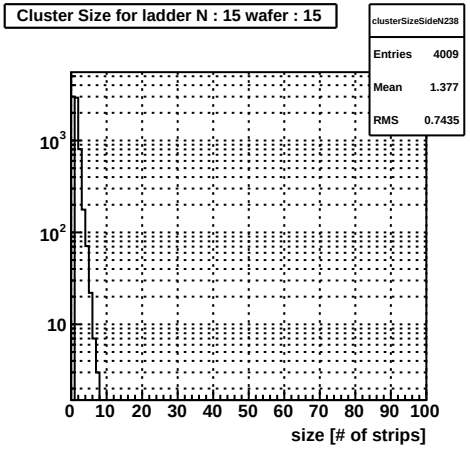

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2267
Mean 1.55
RMS 0.843
size [# of strips]

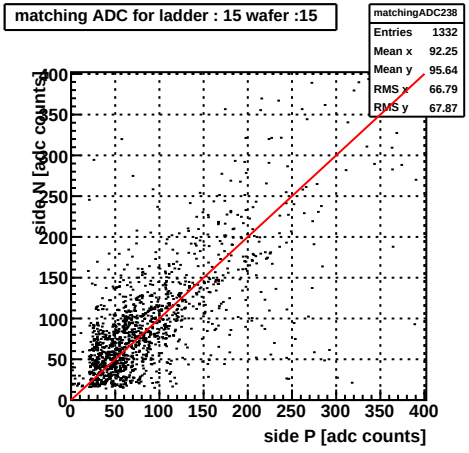

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1147
Mean x 86.42
Mean y 88.27
RMS x 58.99
RMS y 60.31
side N [adc counts]
side P [adc counts]

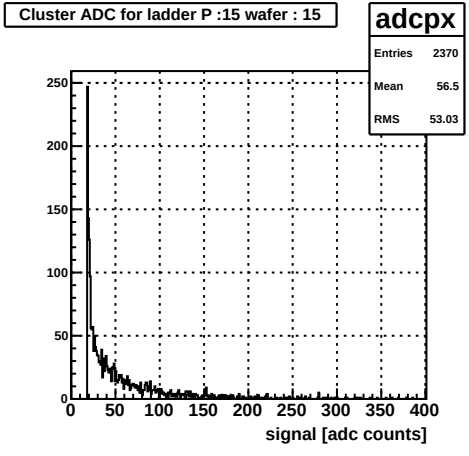

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3369
Mean 42.42
RMS 43.92
signal [adc counts]

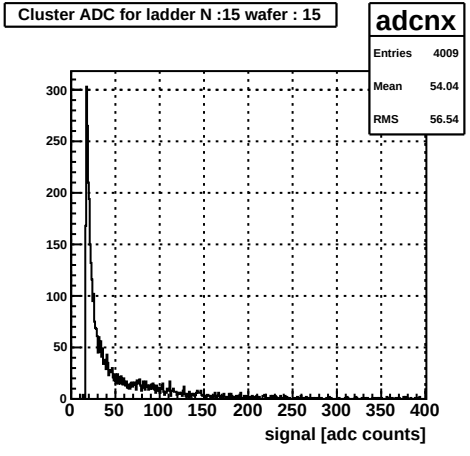

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2267
Mean 73.07
RMS 63.35
signal [adc counts]

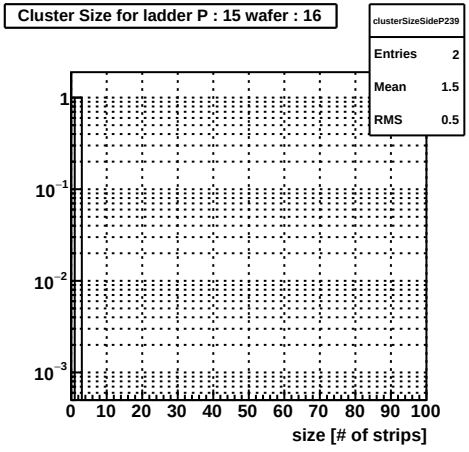

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2370
Mean 1.276
RMS 0.6323
size [# of strips]

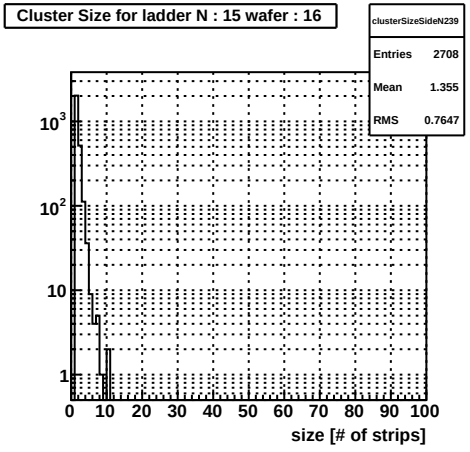

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4009
Mean 1.377
RMS 0.7435
size [# of strips]

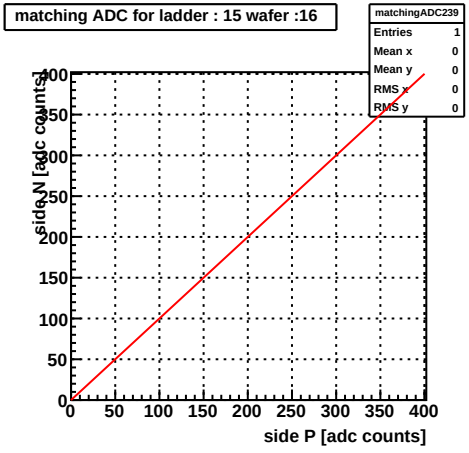

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1332
Mean x 92.25
Mean y 95.64
RMS x 66.79
RMS y 67.87
side N [adc counts]
side P [adc counts]

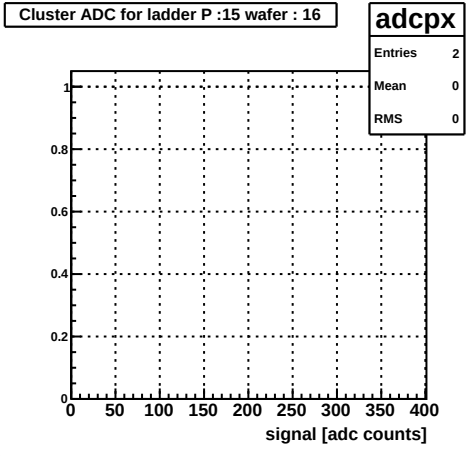

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2370
Mean 56.5
RMS 53.03
signal [adc counts]

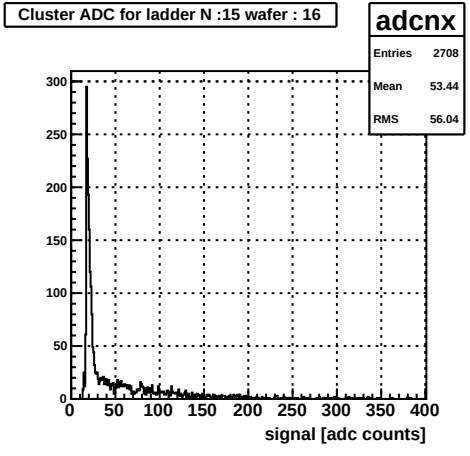

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4009
Mean 54.04
RMS 56.54
signal [adc counts]

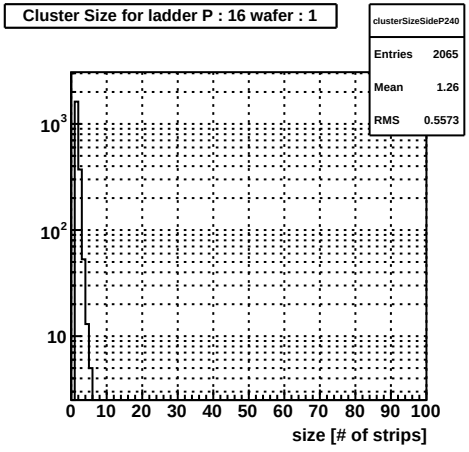

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

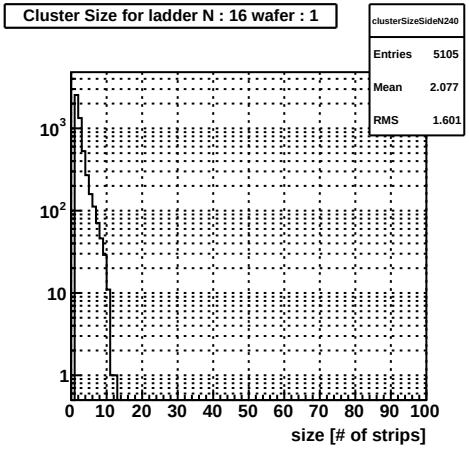

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2708
Mean 1.355
RMS 0.7647
size [# of strips]

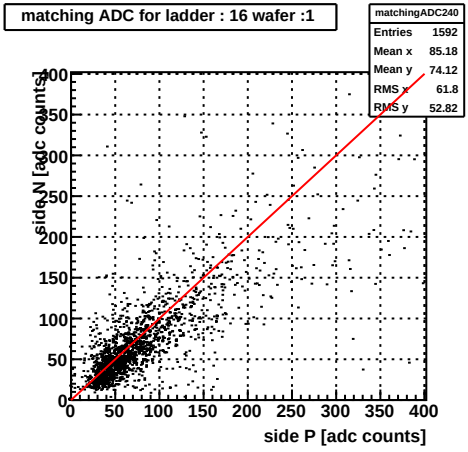

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

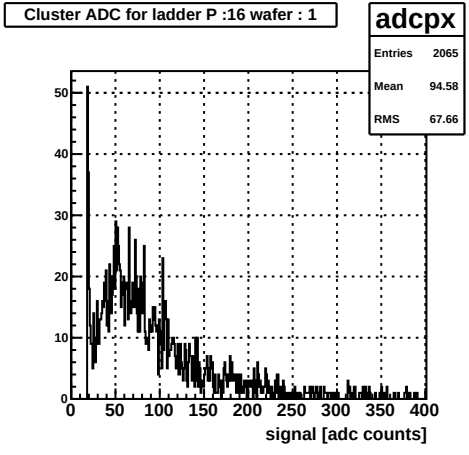

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

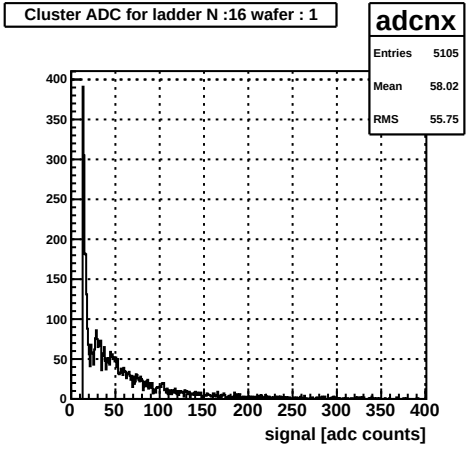

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2708
Mean 53.44
RMS 56.04
signal [adc counts]

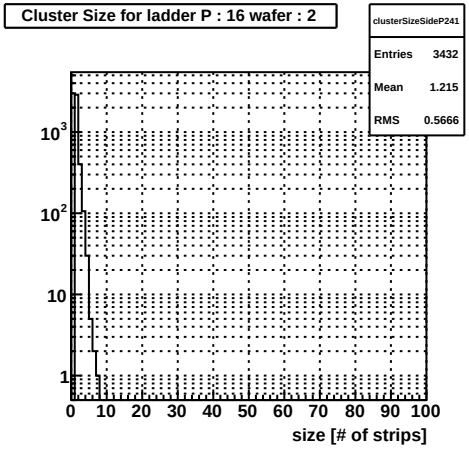

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2065
Mean 1.26
RMS 0.5573
size [# of strips]

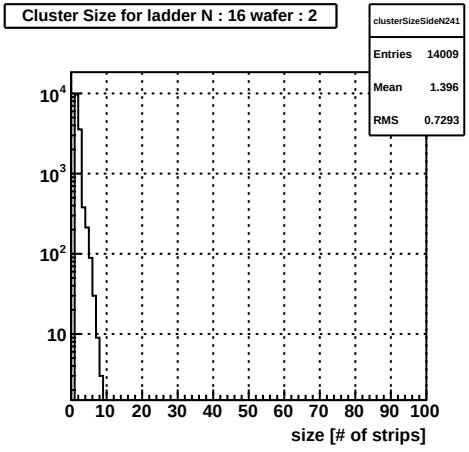

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 5105
Mean 2.077
RMS 1.601
size [# of strips]

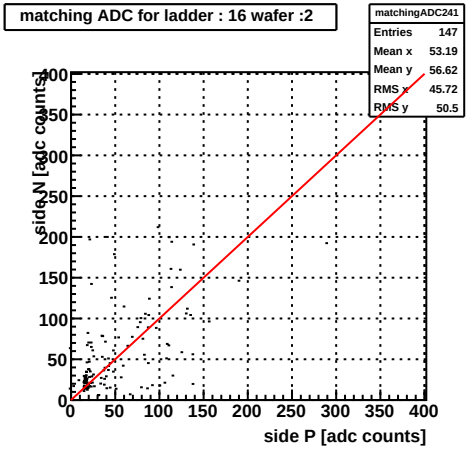

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1592
Mean x 85.18
Mean y 74.12
RMS x 61.8
RMS y 52.82
side N [adc counts]
side P [adc counts]

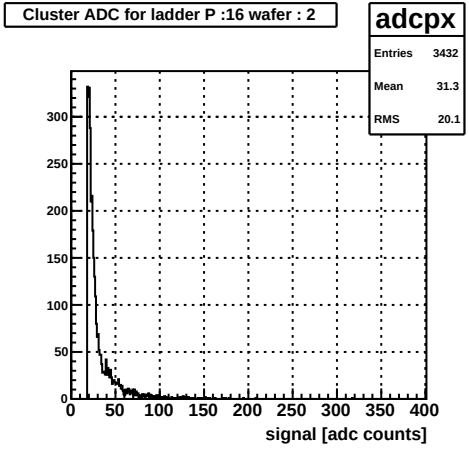

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2065
Mean 94.58
RMS 67.66
signal [adc counts]

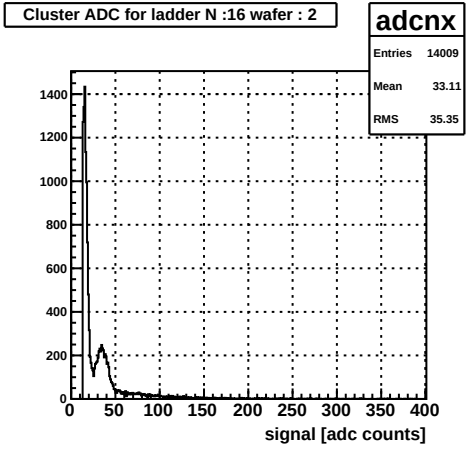

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 5105
Mean 58.02
RMS 55.75
signal [adc counts]

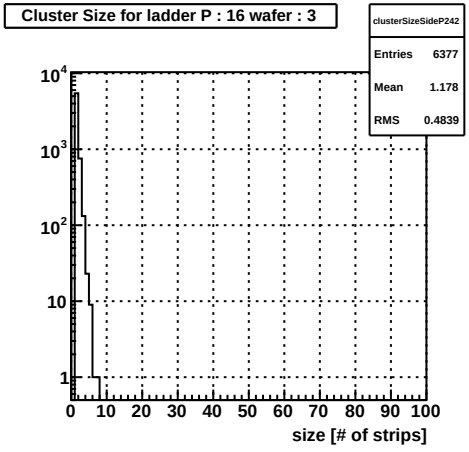

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3432
Mean 1.215
RMS 0.5666
size [# of strips]

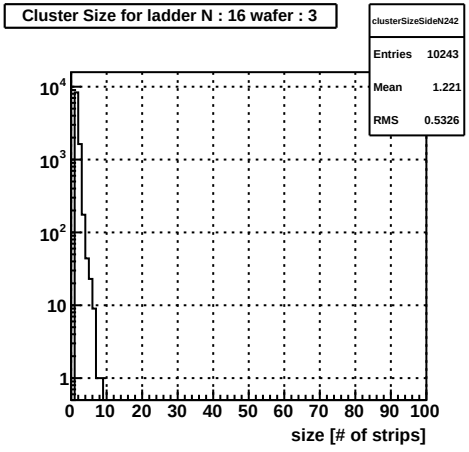

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 14009
Mean 1.396
RMS 0.7293
size [# of strips]

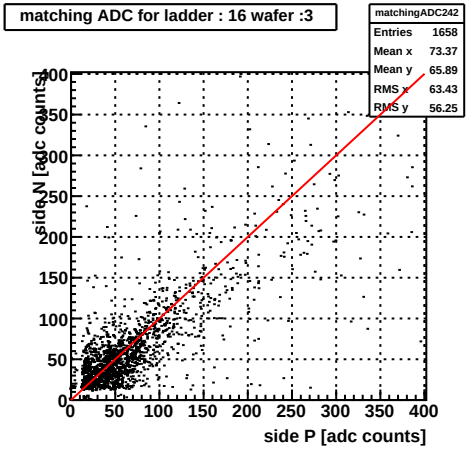

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 147
Mean x 53.19
Mean y 56.62
RMS x 45.72
RMS y 50.5
side N [adc counts]
side P [adc counts]

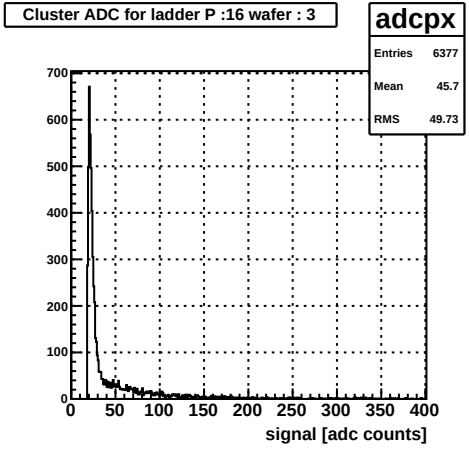

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3432
Mean 31.3
RMS 20.1
signal [adc counts]

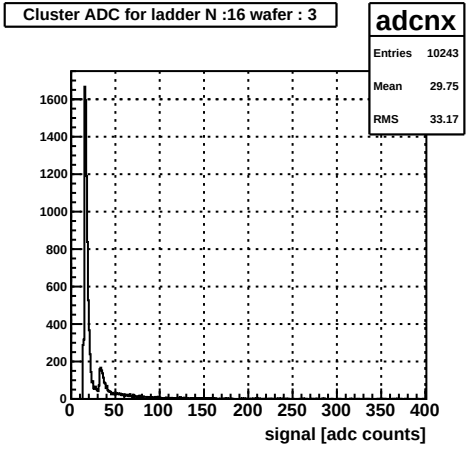

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 14009
Mean 33.11
RMS 35.35
signal [adc counts]

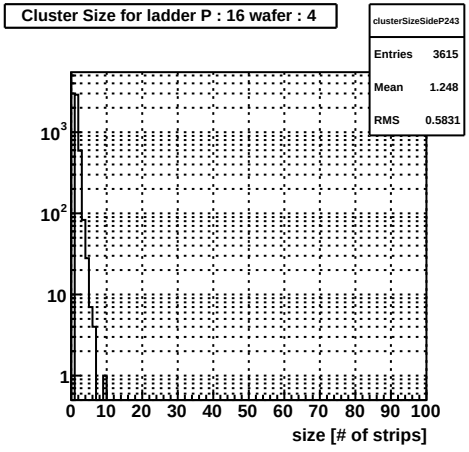

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6377
Mean 1.178
RMS 0.4839
size [# of strips]

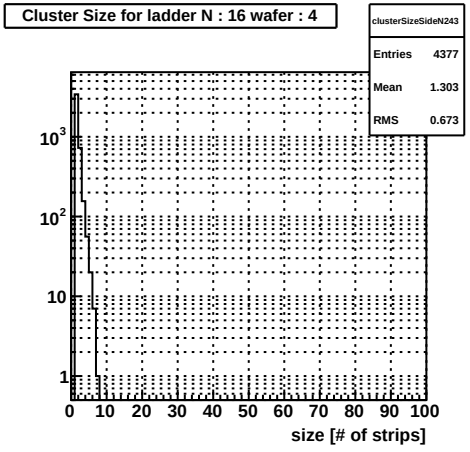

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 10243
Mean 1.221
RMS 0.5326
size [# of strips]

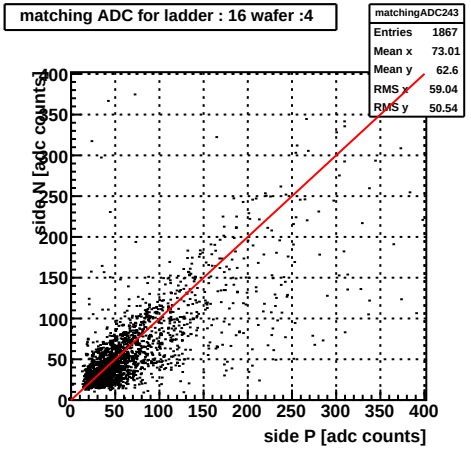

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1658
Mean x 73.37
Mean y 65.89
RMS x 63.43
RMS y 56.25
side N [adc counts]
side P [adc counts]

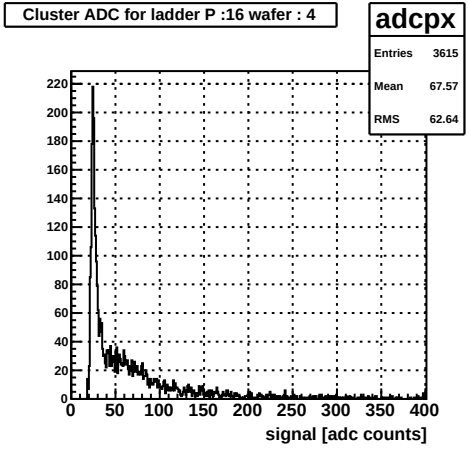

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6377
Mean 45.7
RMS 49.73
signal [adc counts]

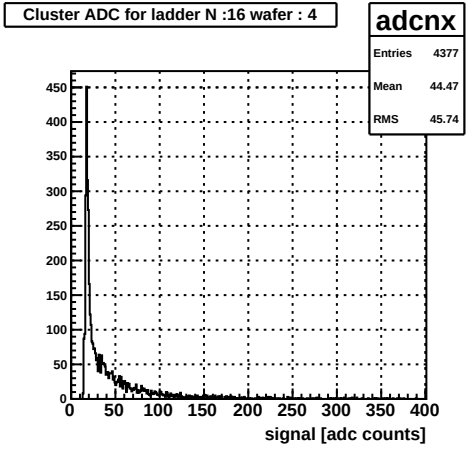

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 10243
Mean 29.75
RMS 33.17
signal [adc counts]

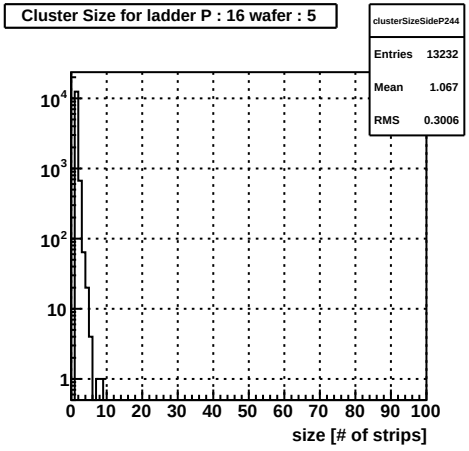

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3615
Mean 1.248
RMS 0.5831
size [# of strips]

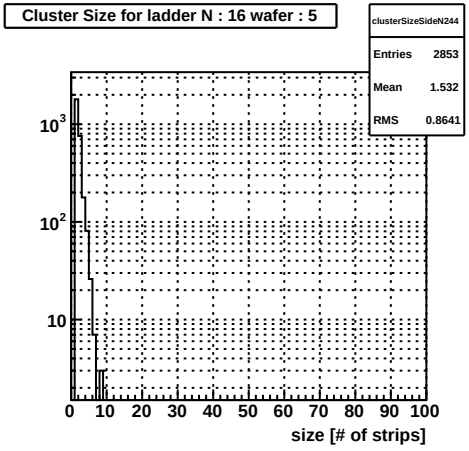

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4377
Mean 1.303
RMS 0.673
size [# of strips]

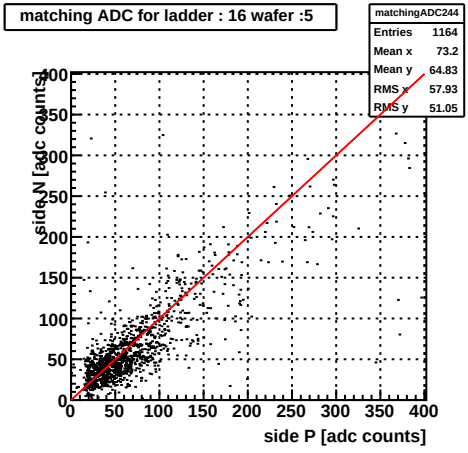

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1867
Mean x 73.01
Mean y 62.6
RMS x 59.04
RMS y 50.54
side N [adc counts]
side P [adc counts]

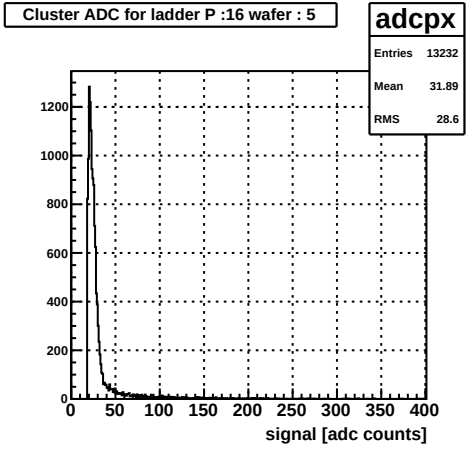

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3615
Mean 67.57
RMS 62.64
signal [adc counts]

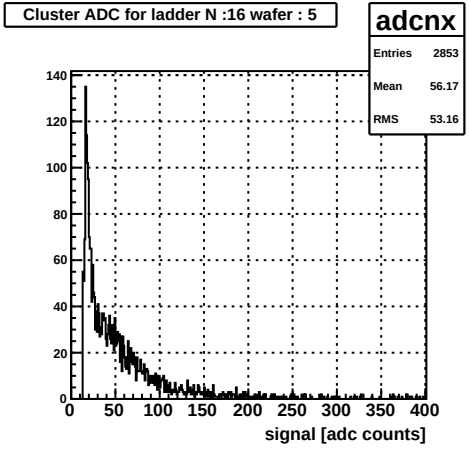

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4377
Mean 44.47
RMS 45.74
signal [adc counts]

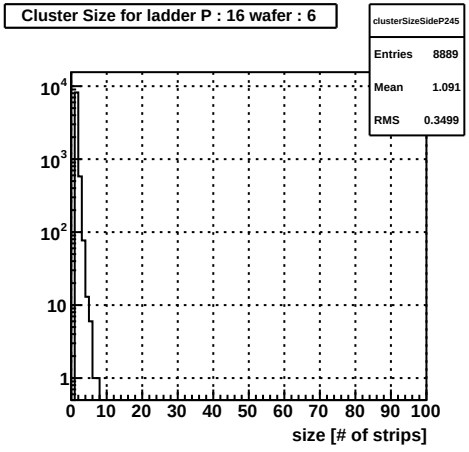

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 13232
Mean 1.067
RMS 0.3006
size [# of strips]

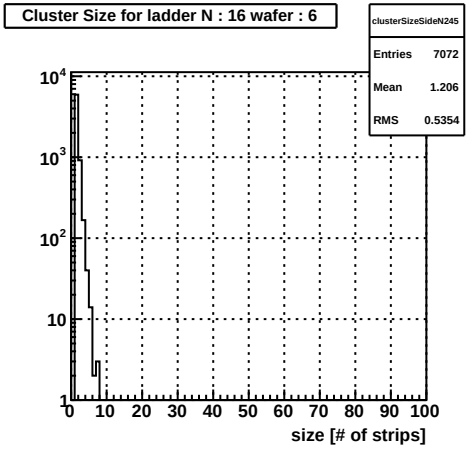

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2853
Mean 1.532
RMS 0.8641
size [# of strips]

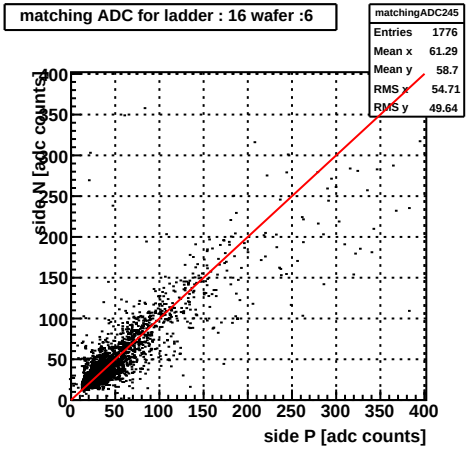

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1164
Mean x 73.2
Mean y 64.83
RMS x 57.93
RMS y 51.05
side N [adc counts]
side P [adc counts]

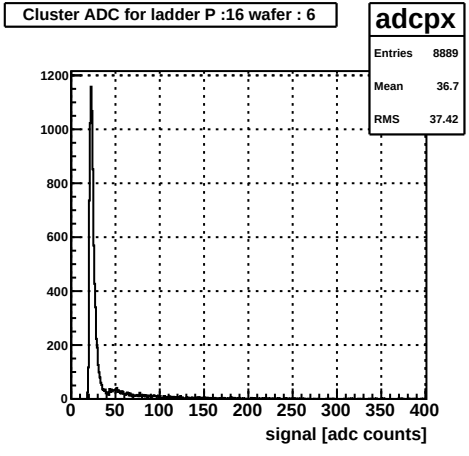

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 13232
Mean 31.89
RMS 28.6
signal [adc counts]

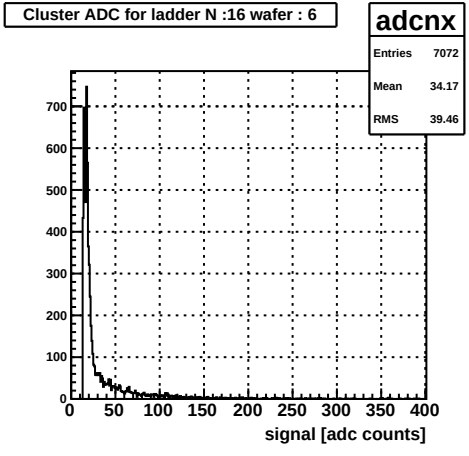

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2853
Mean 56.17
RMS 53.16
signal [adc counts]

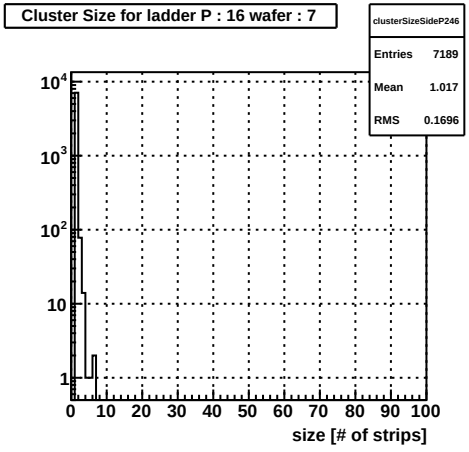

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 8889
Mean 1.091
RMS 0.3499
size [# of strips]

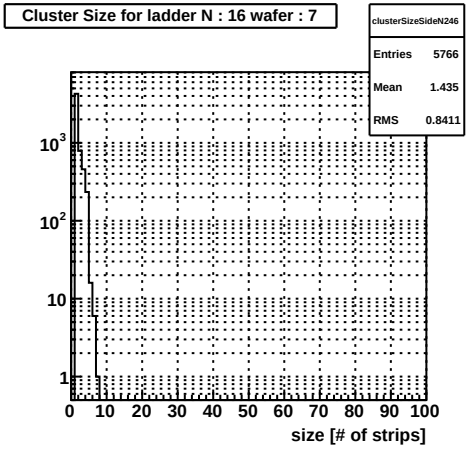

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 7072
Mean 1.206
RMS 0.5354
size [# of strips]

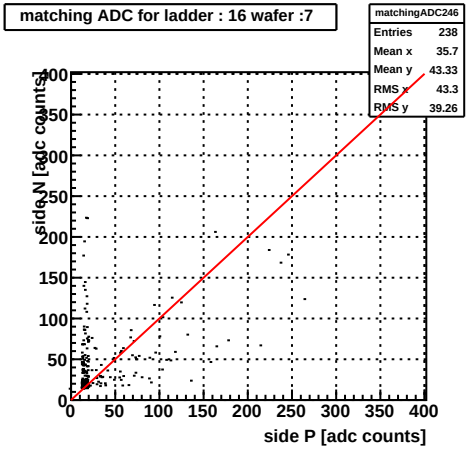

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1776
Mean x 61.29
Mean y 58.7
RMS x 54.71
RMS y 49.64
side N [adc counts]
side P [adc counts]

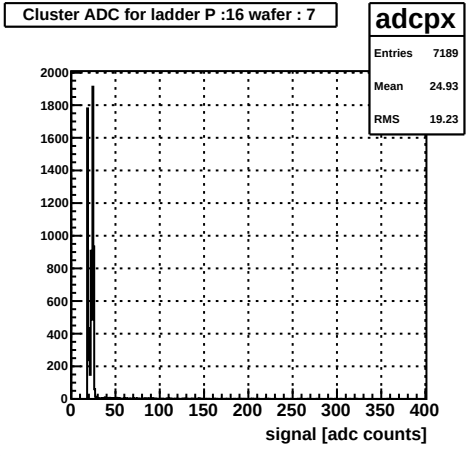

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 8889
Mean 36.7
RMS 37.42
signal [adc counts]

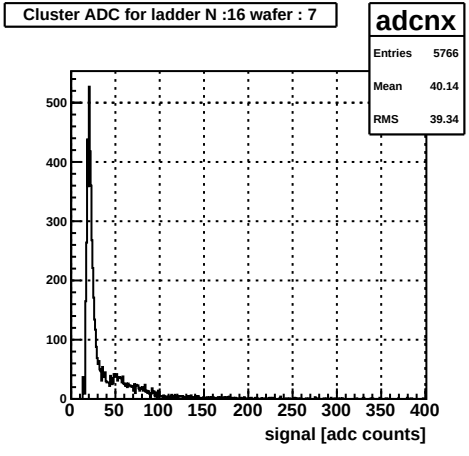

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 7072
Mean 34.17
RMS 39.46
signal [adc counts]

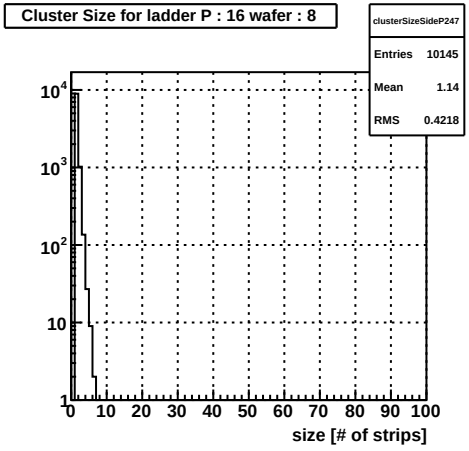

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 7189
Mean 1.017
RMS 0.1696
size [# of strips]

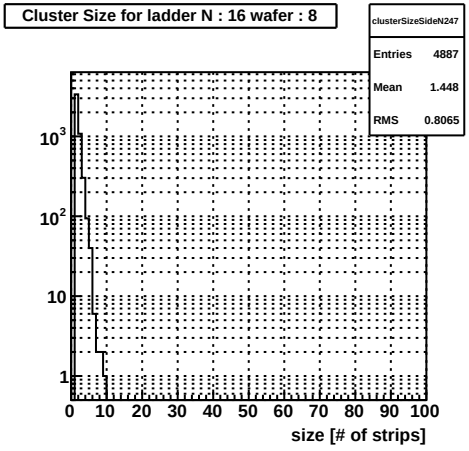

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 5766
Mean 1.435
RMS 0.8411
size [# of strips]

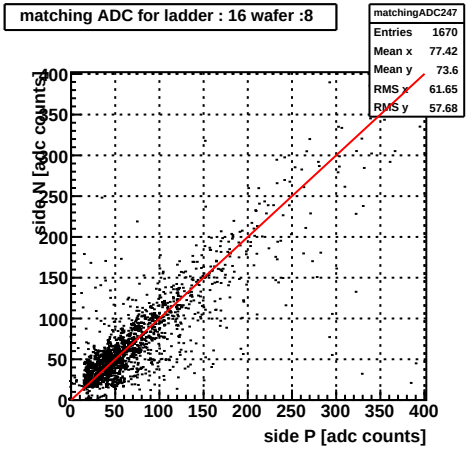

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 238
Mean x 35.7
Mean y 43.33
RMS x 43.3
RMS y 39.26
side N [adc counts]
side P [adc counts]

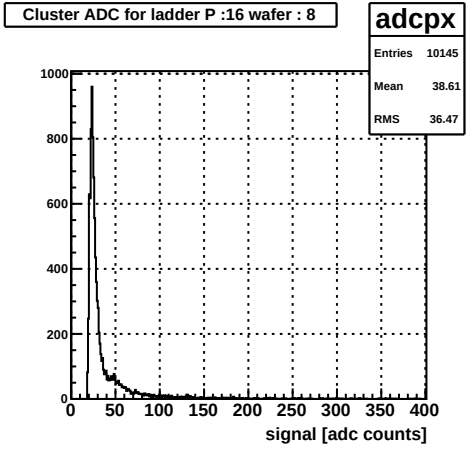

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 7189
Mean 24.93
RMS 19.23
signal [adc counts]

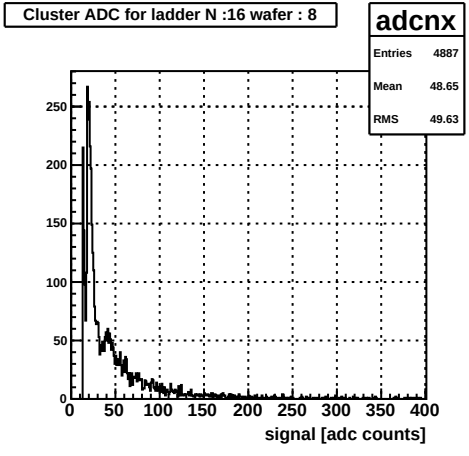

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 5766
Mean 40.14
RMS 39.34
signal [adc counts]

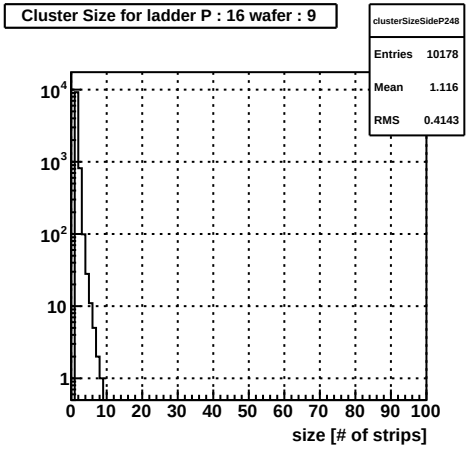

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 10145
Mean 1.14
RMS 0.4218
size [# of strips]

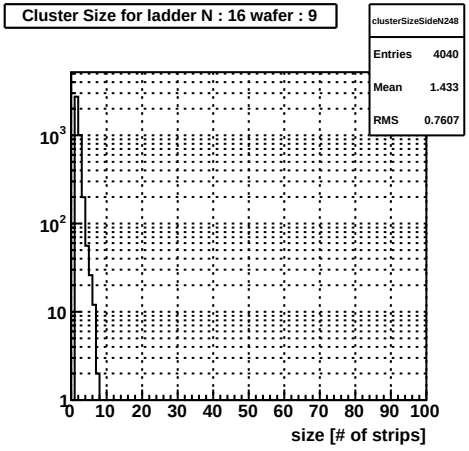

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4887
Mean 1.448
RMS 0.8065
size [# of strips]

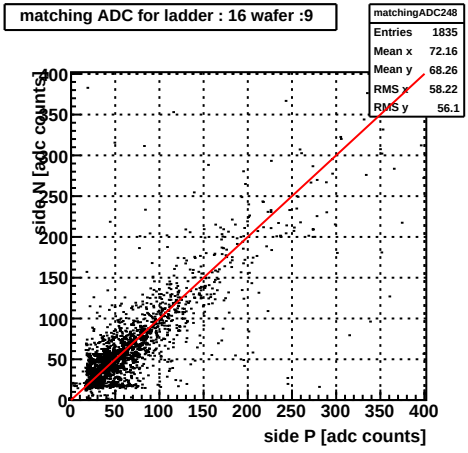

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1670
Mean x 77.42
Mean y 73.6
RMS x 61.65
RMS y 57.68
side N [adc counts]
side P [adc counts]

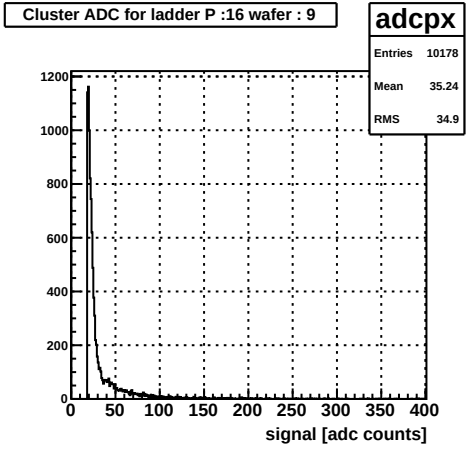

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 10145
Mean 38.61
RMS 36.47
signal [adc counts]

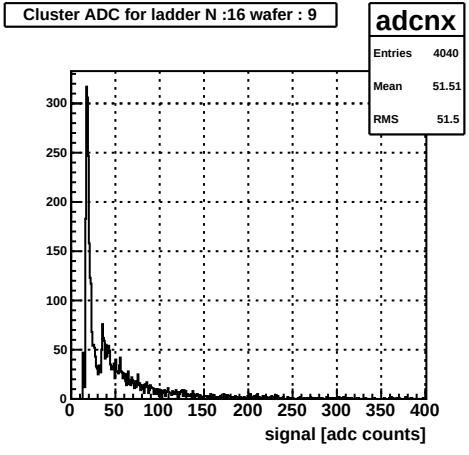

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4887
Mean 48.65
RMS 49.63
signal [adc counts]

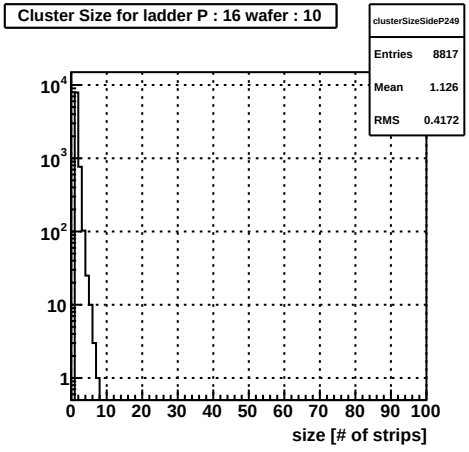

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 10178
Mean 1.116
RMS 0.4143
size [# of strips]

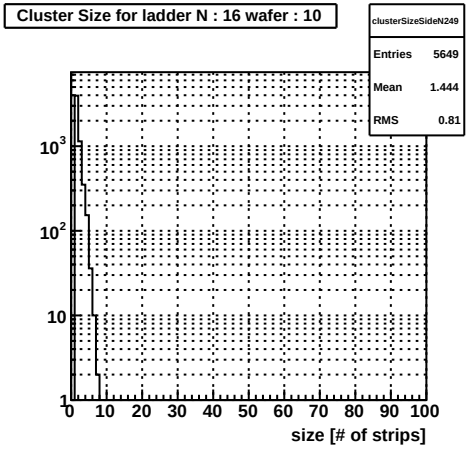

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4040
Mean 1.433
RMS 0.7607
size [# of strips]

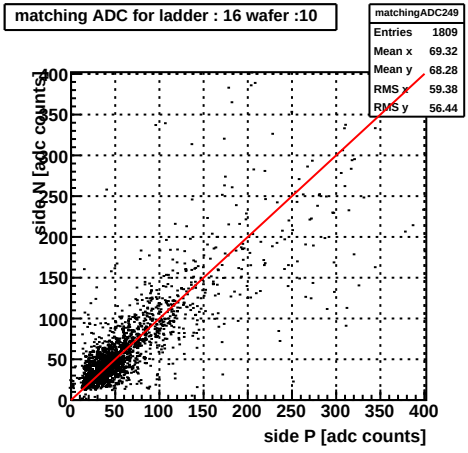

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1835
Mean x 72.16
Mean y 68.26
RMS x 58.22
RMS y 56.1
side N [adc counts]
side P [adc counts]

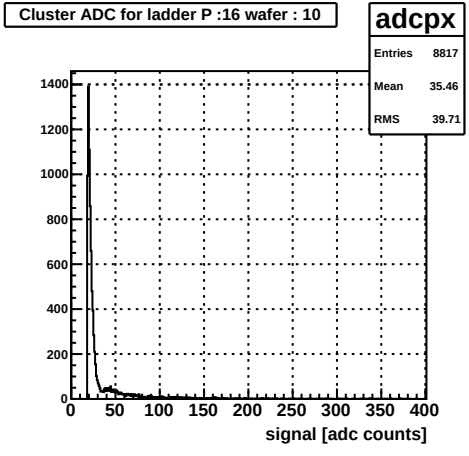

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 10178
Mean 35.24
RMS 34.9
signal [adc counts]

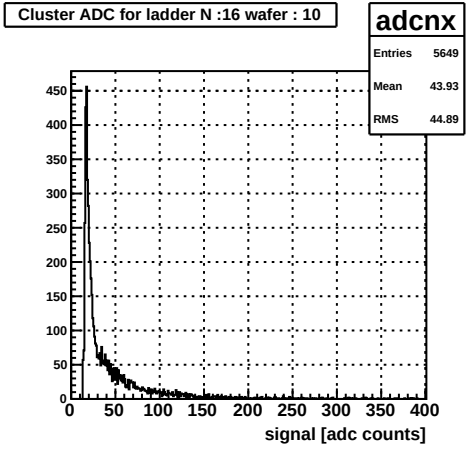

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4040
Mean 51.51
RMS 51.5
signal [adc counts]

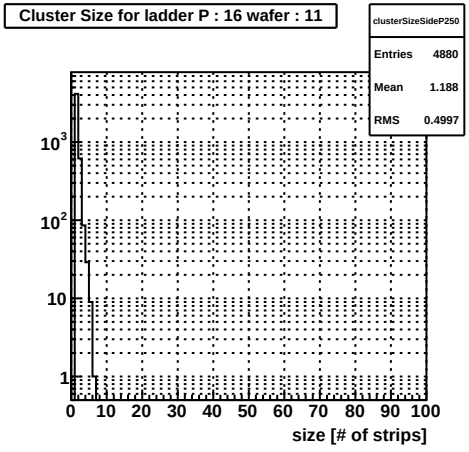

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8817
Mean 1.126
RMS 0.4172
size [# of strips]

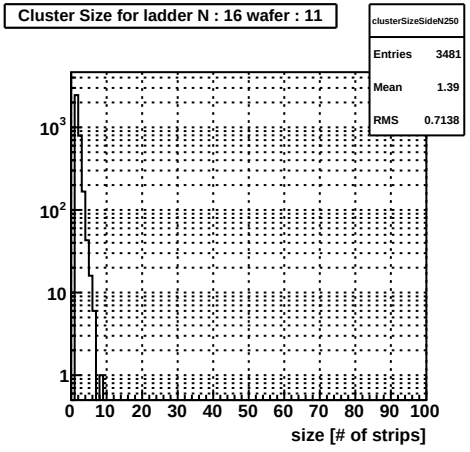

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5649
Mean 1.444
RMS 0.81
size [# of strips]

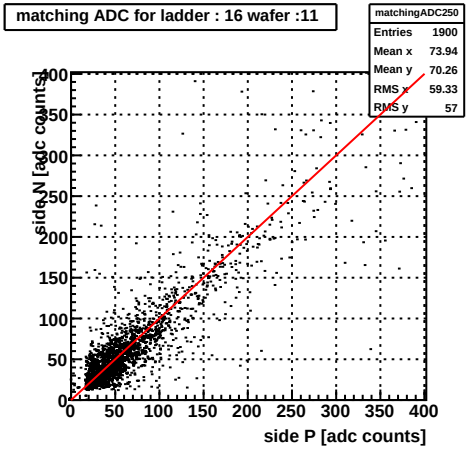

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1809
Mean x 69.32
Mean y 68.28
RMS x 59.38
RMS y 56.44
side N [adc counts]
side P [adc counts]

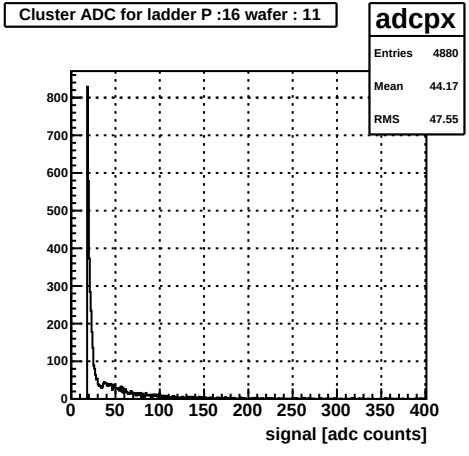

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8817
Mean 35.46
RMS 39.71
signal [adc counts]

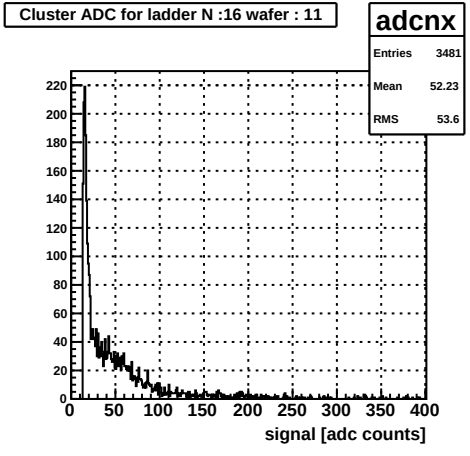

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5649
Mean 43.93
RMS 44.89
signal [adc counts]

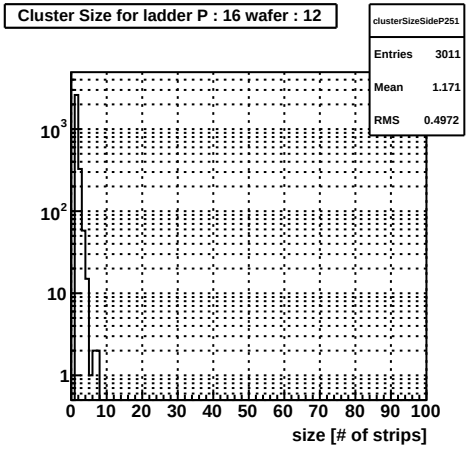

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4880
Mean 1.188
RMS 0.4997
size [# of strips]

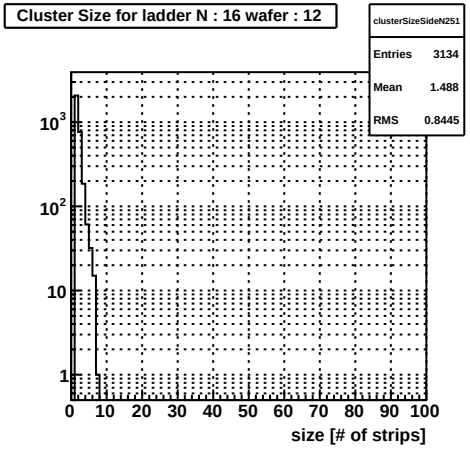

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3481
Mean 1.39
RMS 0.7138
size [# of strips]

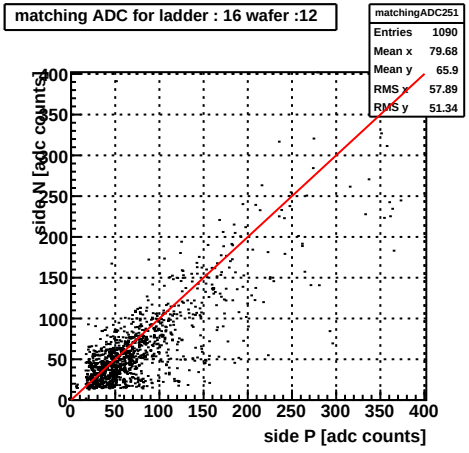

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1900
Mean x 73.94
Mean y 70.26
RMS x 59.33
RMS y 57
side N [adc counts]
side P [adc counts]

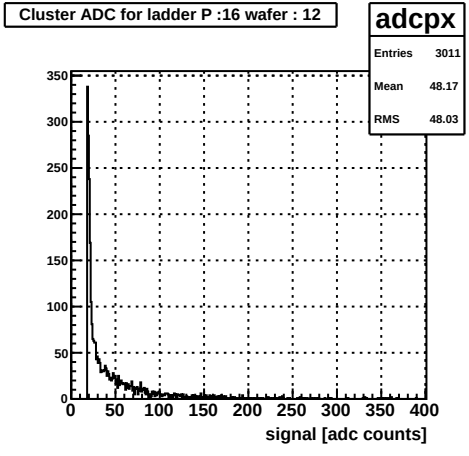

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4880
Mean 44.17
RMS 47.55
signal [adc counts]

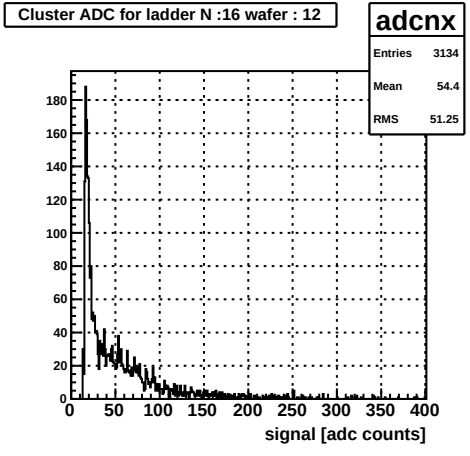

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3481
Mean 52.23
RMS 53.6
signal [adc counts]

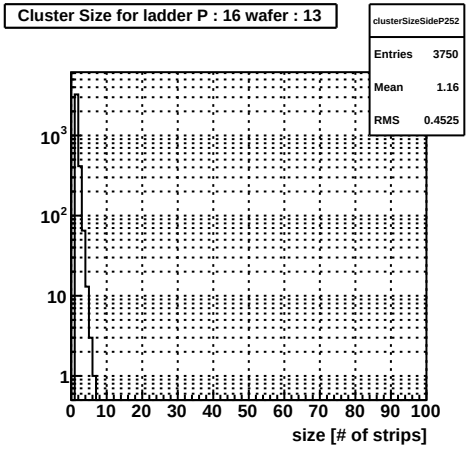

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3011
Mean 1.171
RMS 0.4972
size [# of strips]

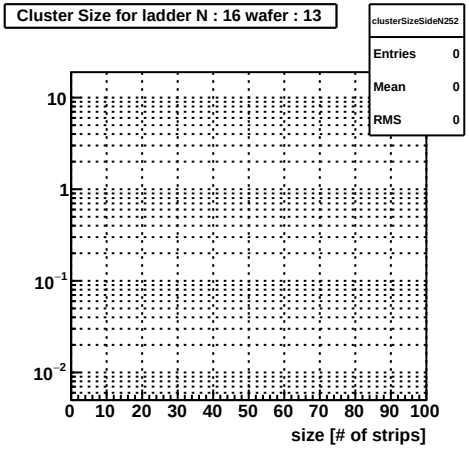

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3134
Mean 1.488
RMS 0.8445
size [# of strips]

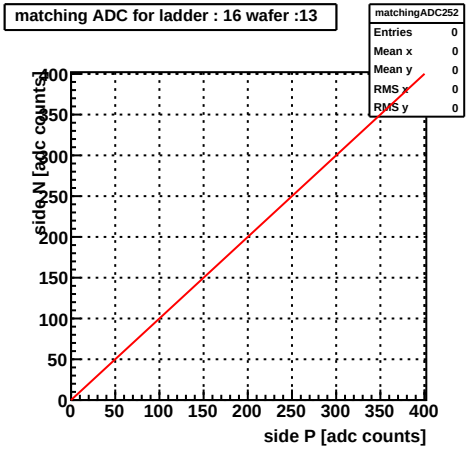

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1090
Mean x 79.68
Mean y 65.9
RMS x 57.89
RMS y 51.34
side N [adc counts]
side P [adc counts]

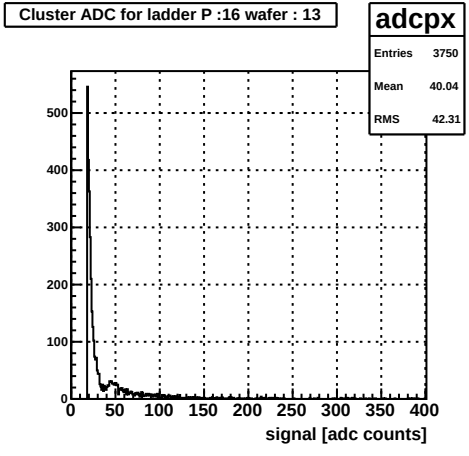

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3011
Mean 48.17
RMS 48.03
signal [adc counts]

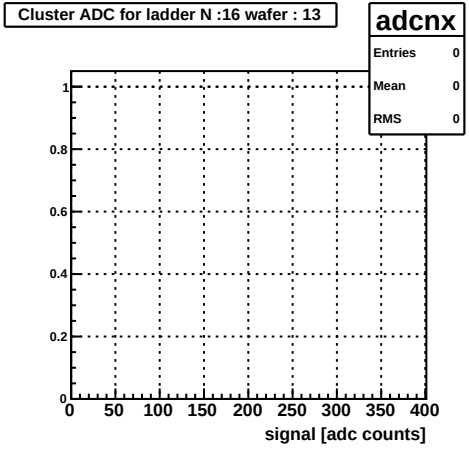

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3134
Mean 54.4
RMS 51.25
signal [adc counts]

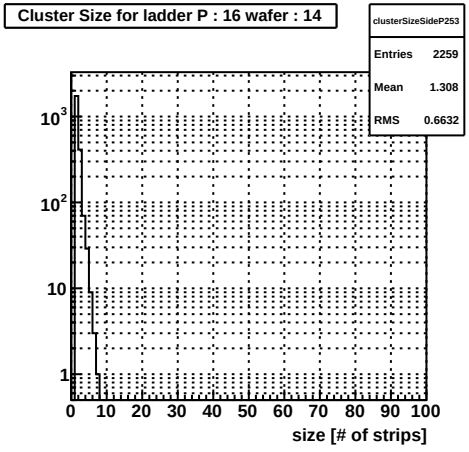

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3750
Mean 1.16
RMS 0.4525
size [# of strips]

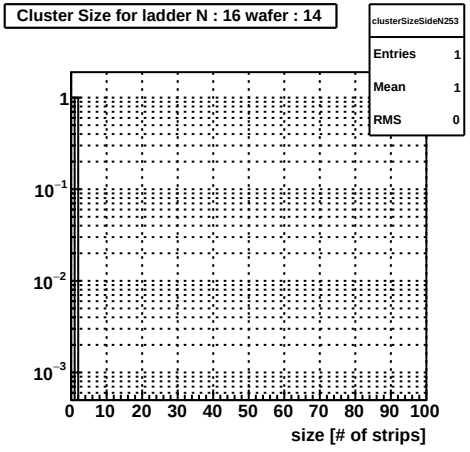

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

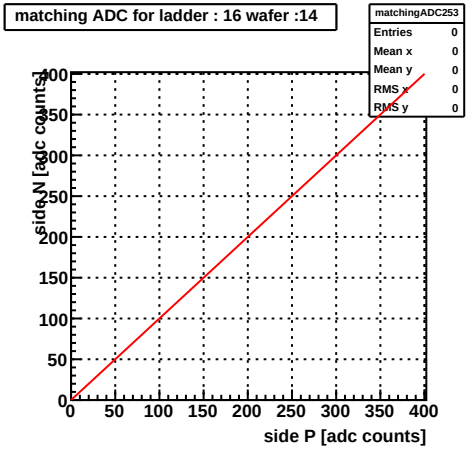

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

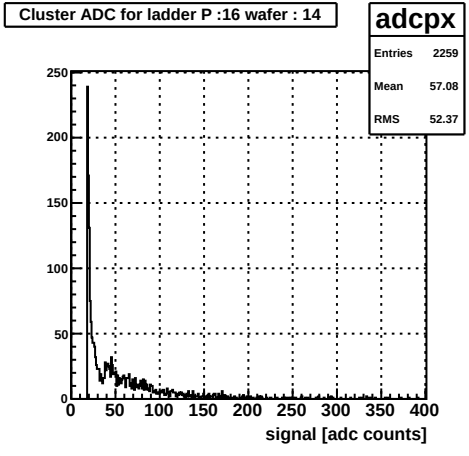

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3750
Mean 40.04
RMS 42.31
signal [adc counts]

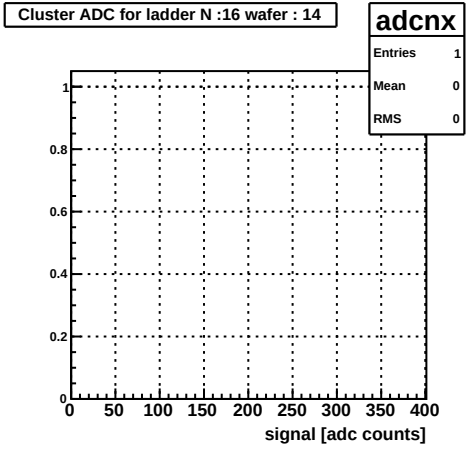

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

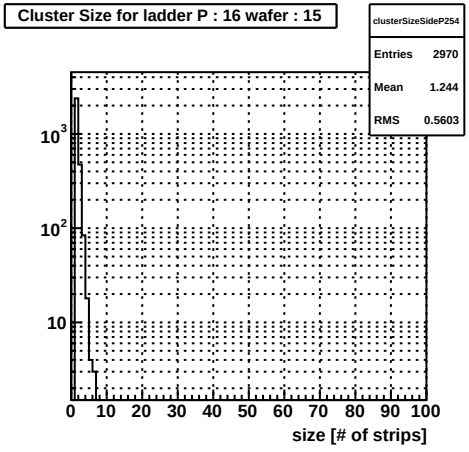

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2259
Mean 1.308
RMS 0.6632
size [# of strips]

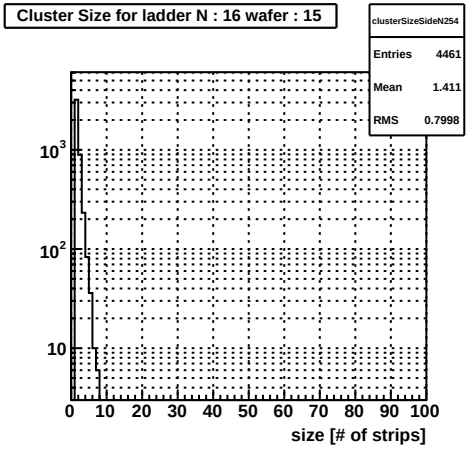

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

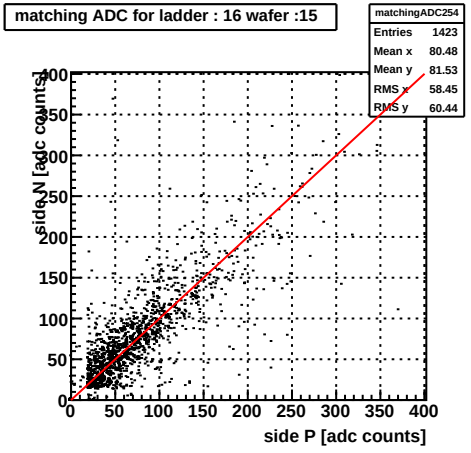

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

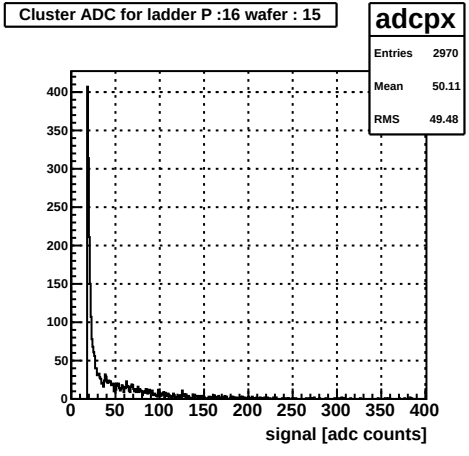

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2259
Mean 57.08
RMS 52.37
signal [adc counts]

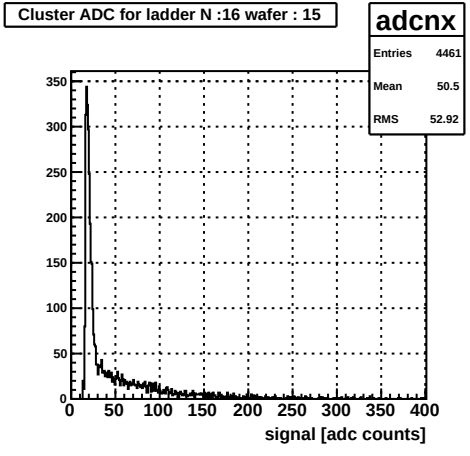

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

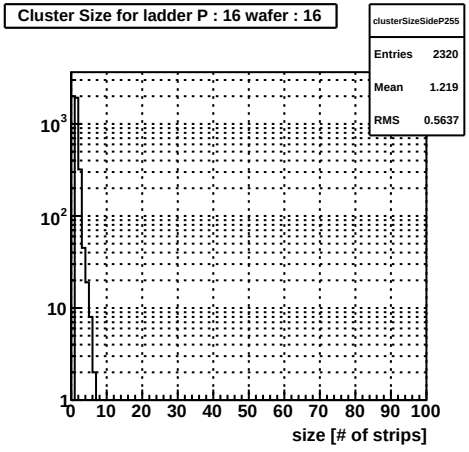

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2970
Mean 1.244
RMS 0.5603
size [# of strips]

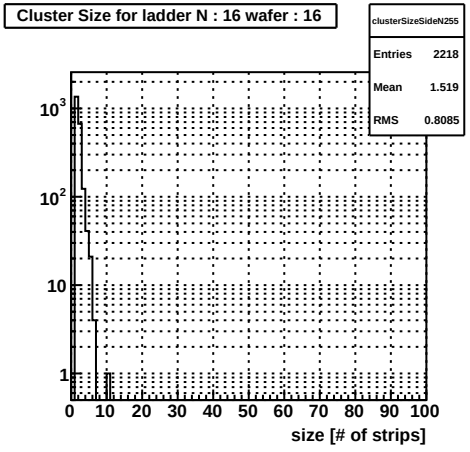

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4461
Mean 1.411
RMS 0.7998
size [# of strips]

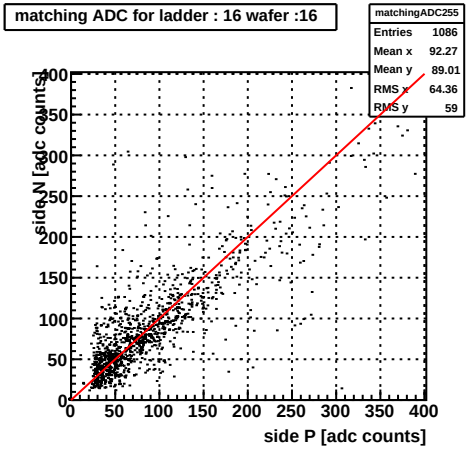

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1423
Mean x 80.48
Mean y 81.53
RMS x 58.45
RMS y 60.44
side N [adc counts]
side P [adc counts]

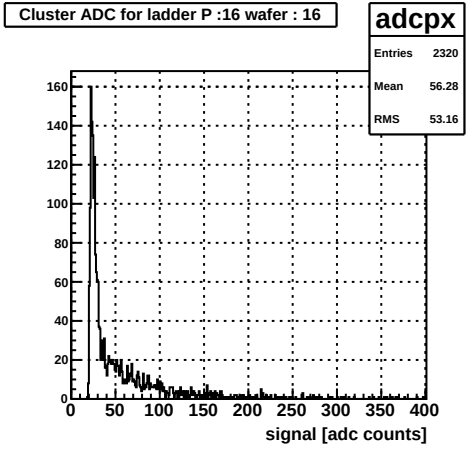

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2970
Mean 50.11
RMS 49.48
signal [adc counts]

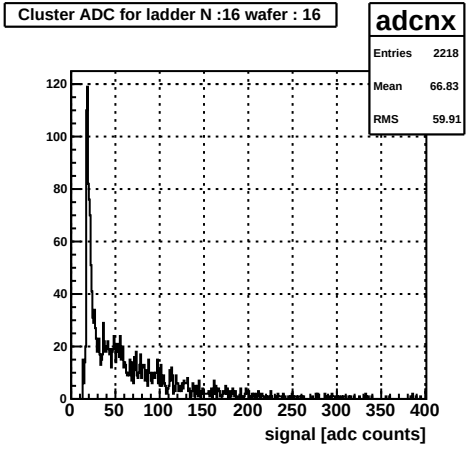

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4461
Mean 50.5
RMS 52.92
signal [adc counts]

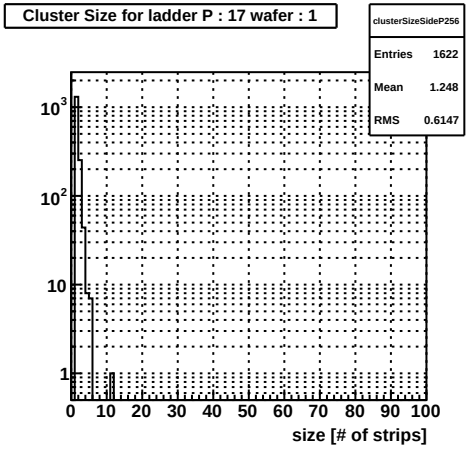

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2320
Mean 1.219
RMS 0.5637
size [# of strips]

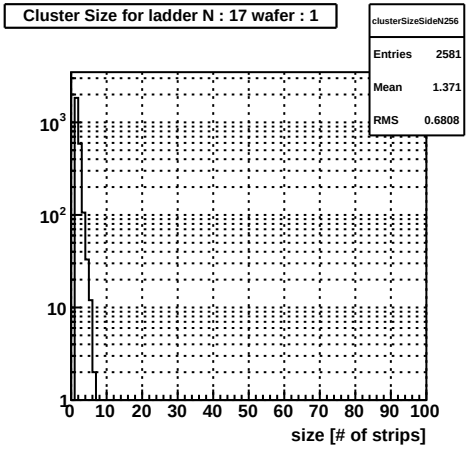

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2218
Mean 1.519
RMS 0.8085
size [# of strips]

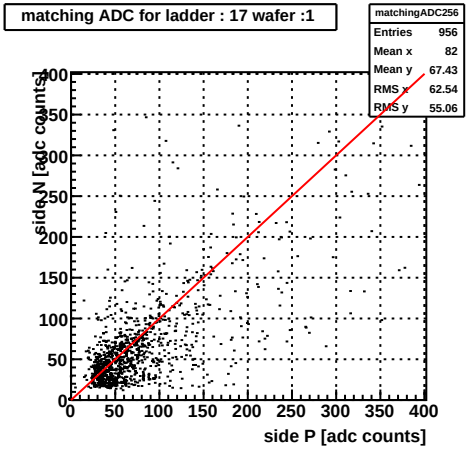

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1086
Mean x 92.27
Mean y 89.01
RMS x 64.36
RMS y 59
side N [adc counts]
side P [adc counts]

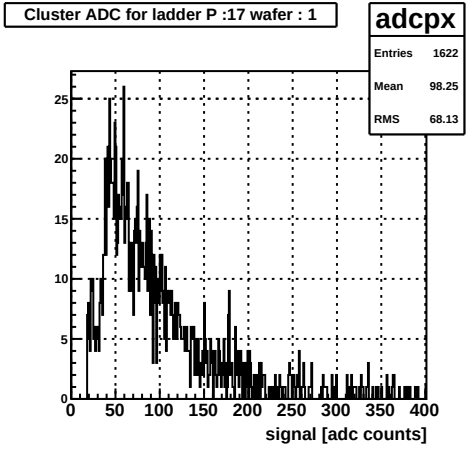

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2320
Mean 56.28
RMS 53.16
signal [adc counts]

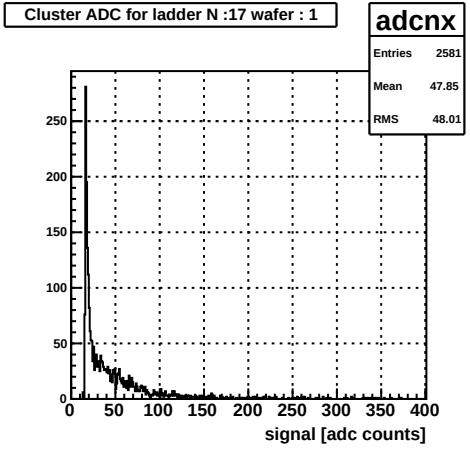

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2218
Mean 66.83
RMS 59.91
signal [adc counts]

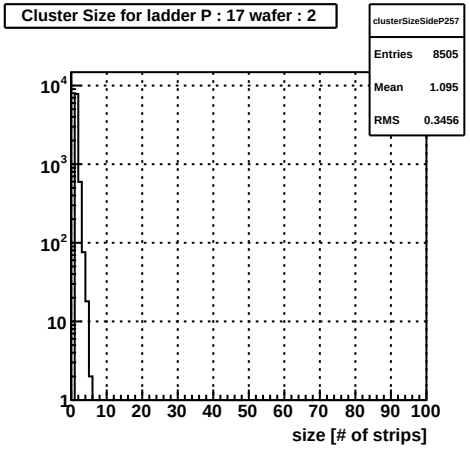

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1622
Mean 1.248
RMS 0.6147
size [# of strips]

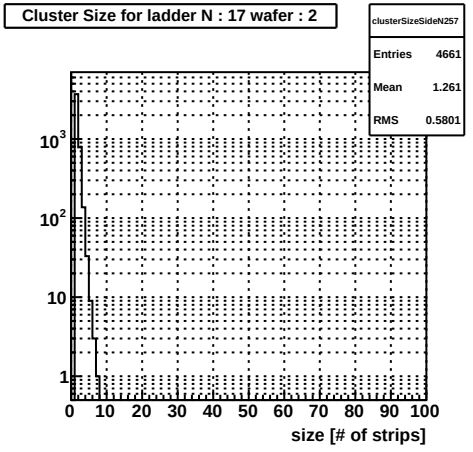

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2581
Mean 1.371
RMS 0.6808
size [# of strips]

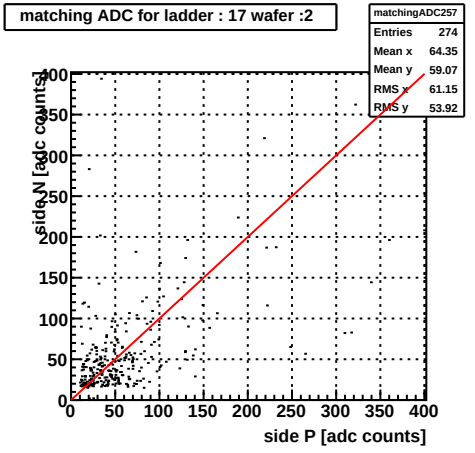

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 956
Mean x 82
Mean y 67.43
RMS x 62.54
RMS y 55.06
side N [adc counts]
side P [adc counts]

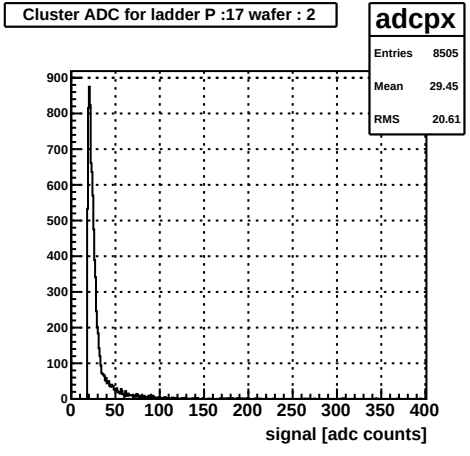

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1622
Mean 98.25
RMS 68.13
signal [adc counts]

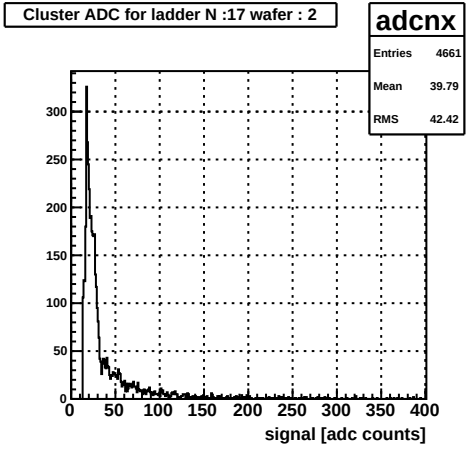

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2581
Mean 47.85
RMS 48.01
signal [adc counts]

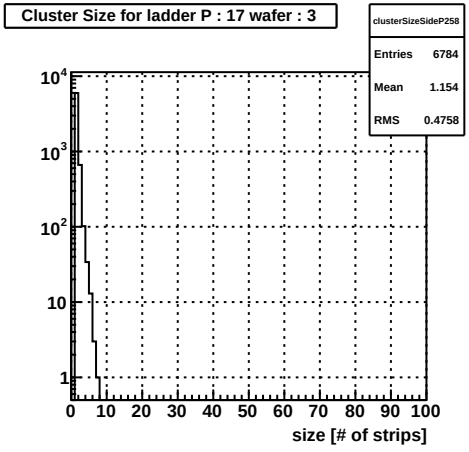

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8505
Mean 1.095
RMS 0.3456
size [# of strips]

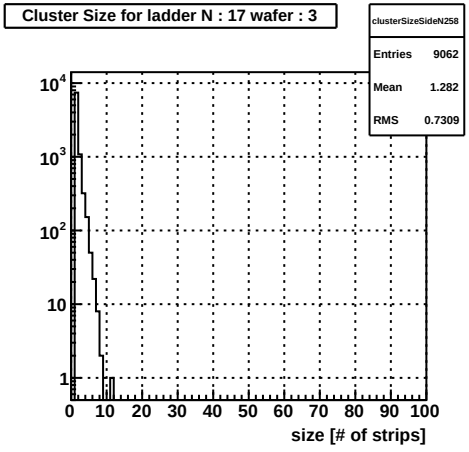

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4661
Mean 1.261
RMS 0.5801
size [# of strips]

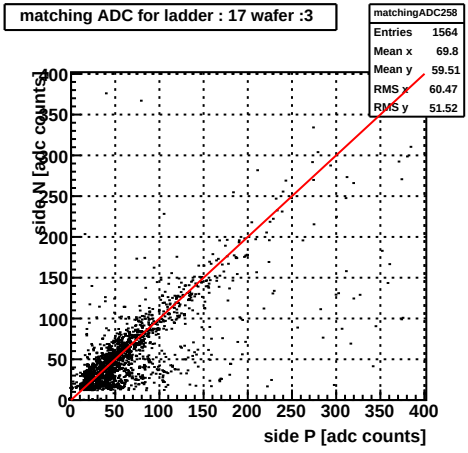

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 274
Mean x 64.35
Mean y 59.07
RMS x 61.15
RMS y 53.92
side N [adc counts]
side P [adc counts]

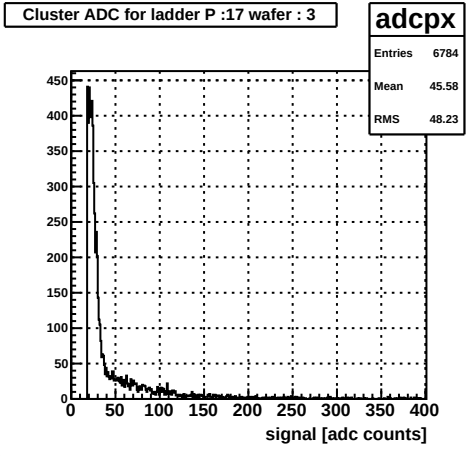

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8505
Mean 29.45
RMS 20.61
signal [adc counts]

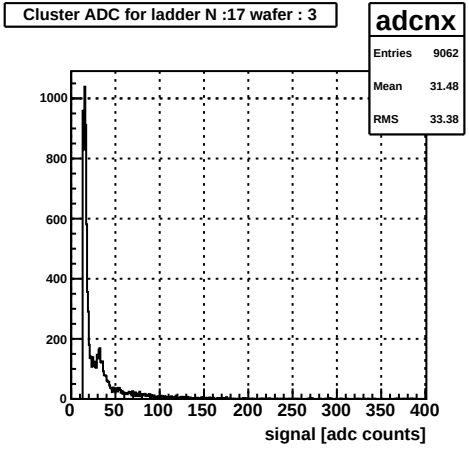

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4661
Mean 39.79
RMS 42.42
signal [adc counts]

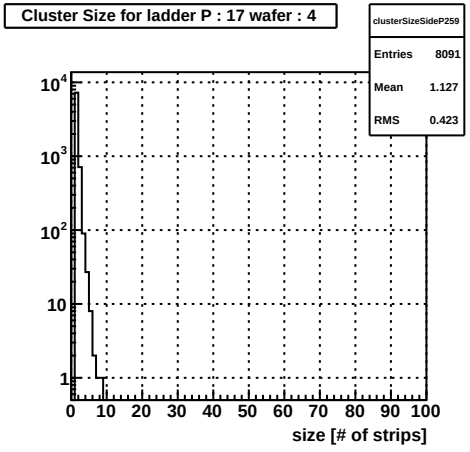

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6784
Mean 1.154
RMS 0.4758
size [# of strips]

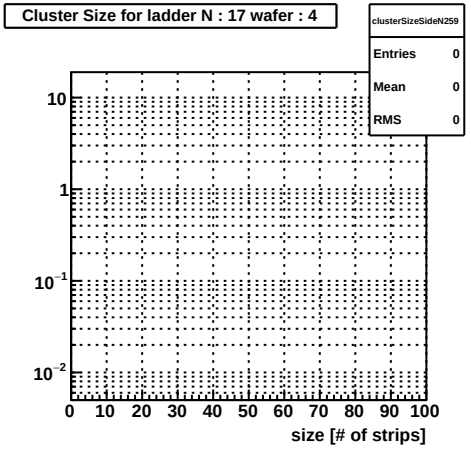

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 9062
Mean 1.282
RMS 0.7309
size [# of strips]

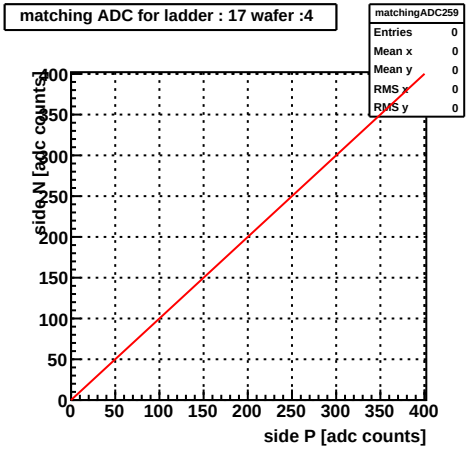

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1564
Mean x 69.8
Mean y 59.51
RMS x 60.47
RMS y 51.52
side N [adc counts]
side P [adc counts]

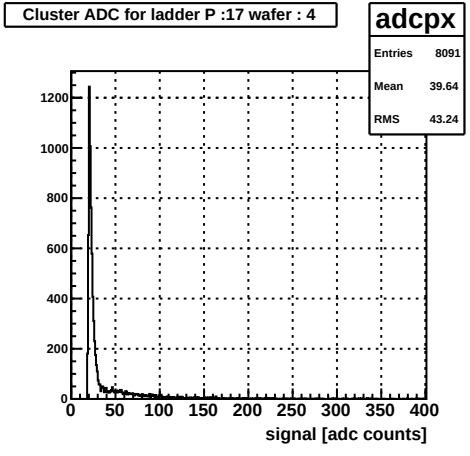

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6784
Mean 45.58
RMS 48.23
signal [adc counts]

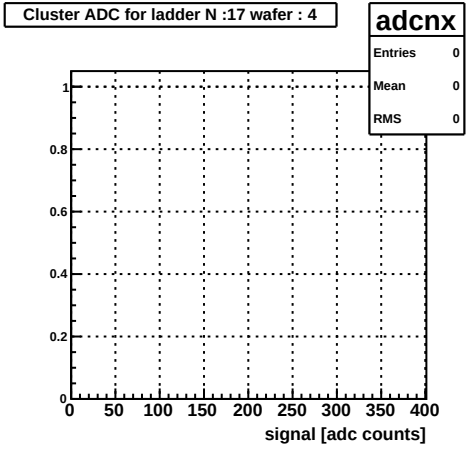

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 9062
Mean 31.48
RMS 33.38
signal [adc counts]

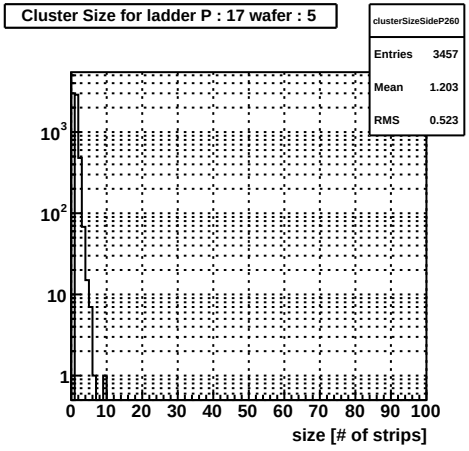

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 8091
Mean 1.127
RMS 0.423
size [# of strips]

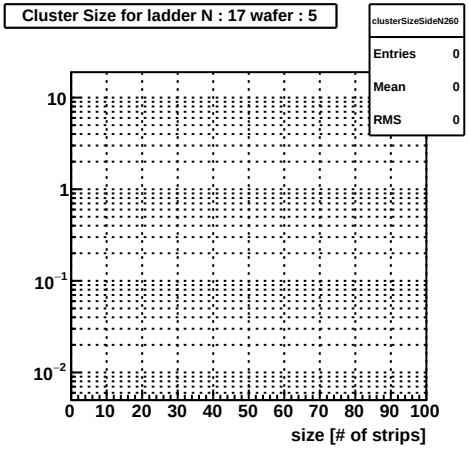

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

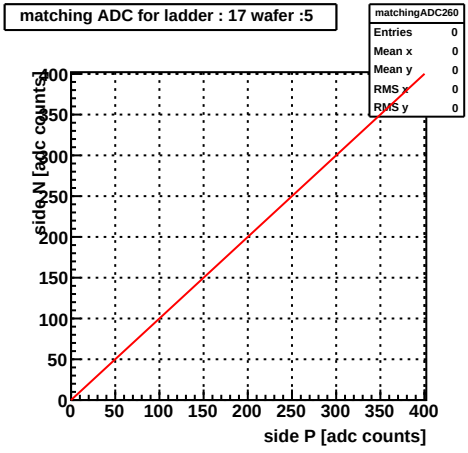

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

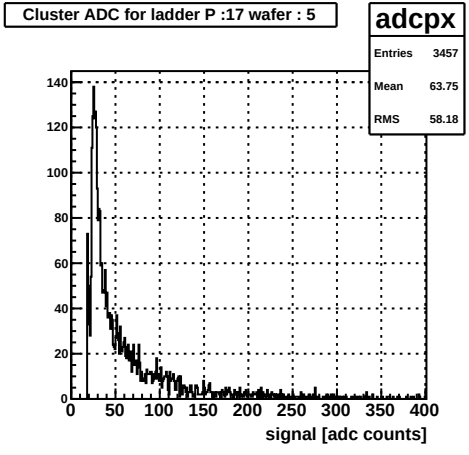

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 8091
Mean 39.64
RMS 43.24
signal [adc counts]

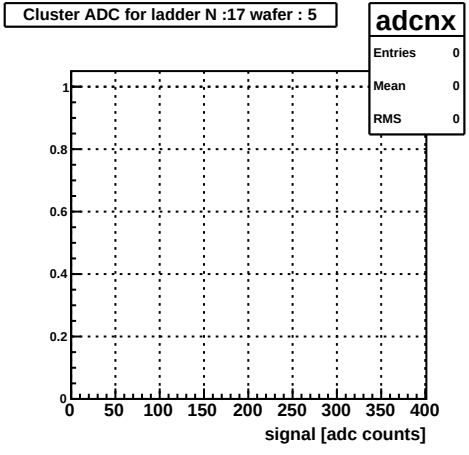

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

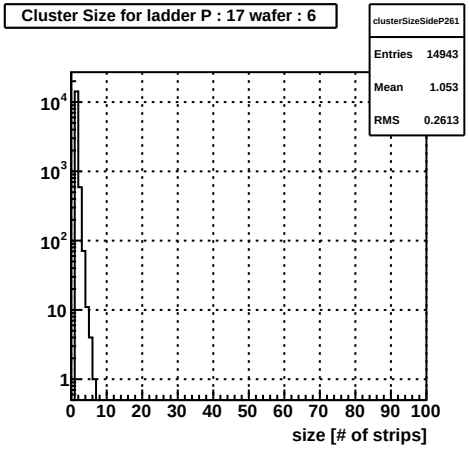

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3457
Mean 1.203
RMS 0.523
size [# of strips]

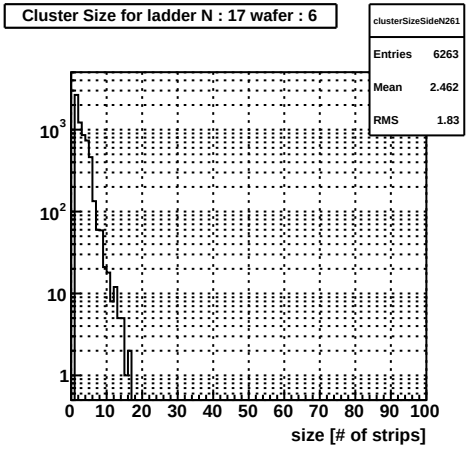

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

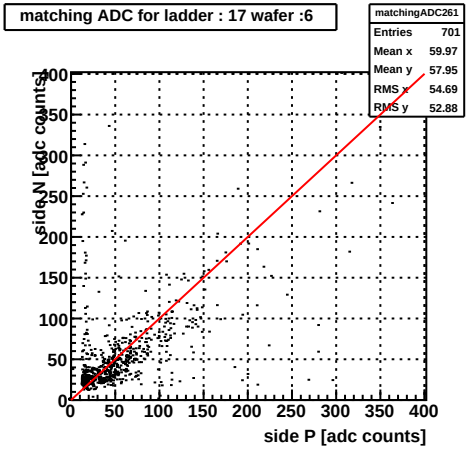

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

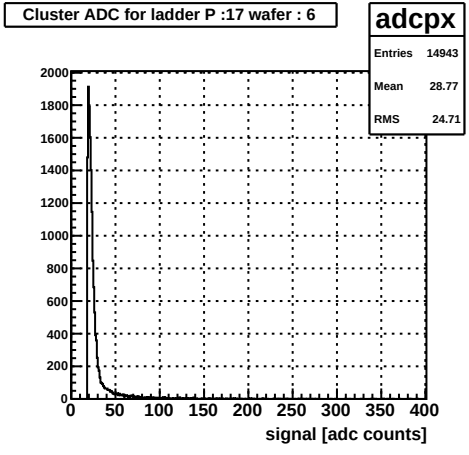

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3457
Mean 63.75
RMS 58.18
signal [adc counts]

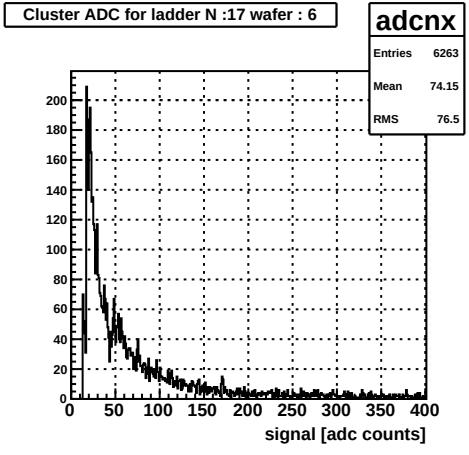

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

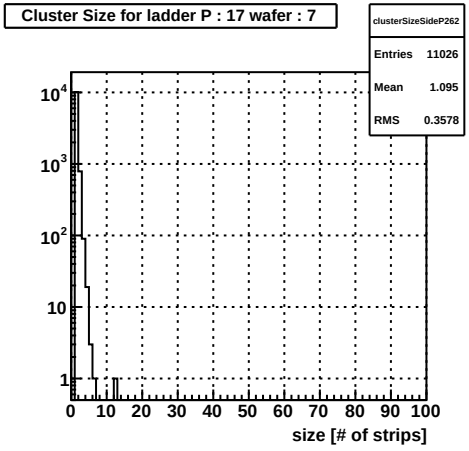

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 14943
Mean 1.053
RMS 0.2613
size [# of strips]

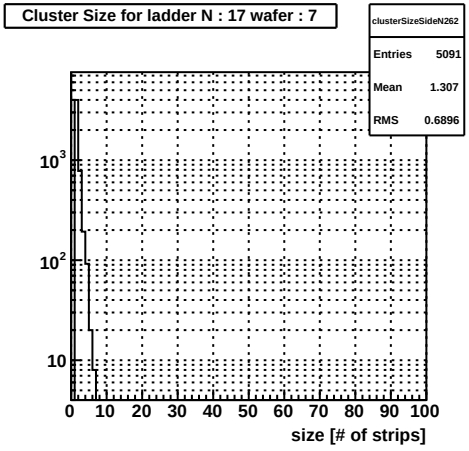

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6263
Mean 2.462
RMS 1.83
size [# of strips]

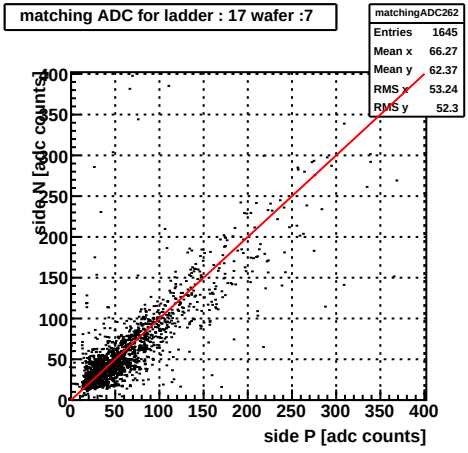

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 701
Mean x 59.97
Mean y 57.95
RMS x 54.69
RMS y 52.88
side N [adc counts]
side P [adc counts]

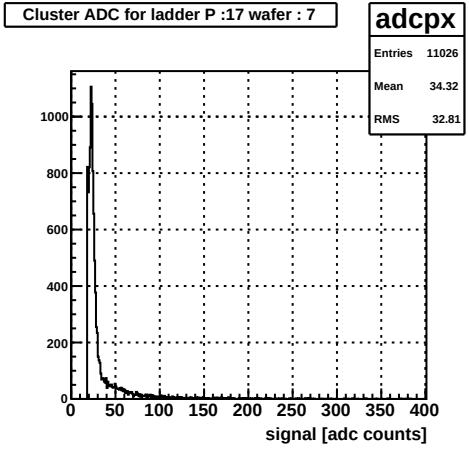

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 14943
Mean 28.77
RMS 24.71
signal [adc counts]

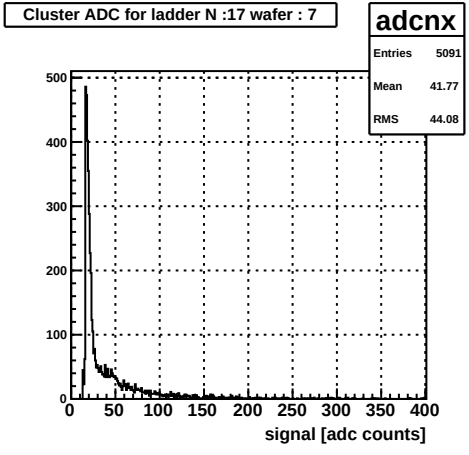

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6263
Mean 74.15
RMS 76.5
signal [adc counts]

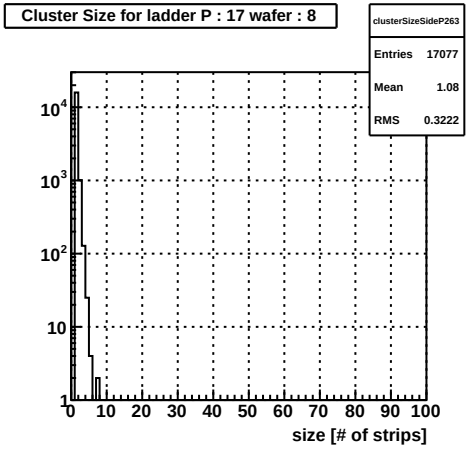

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11026
Mean 1.095
RMS 0.3578
size [# of strips]

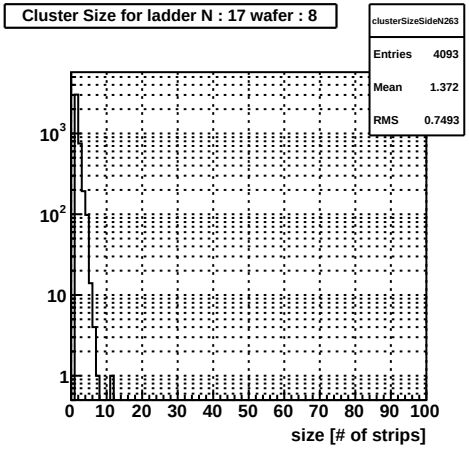

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5091
Mean 1.307
RMS 0.6896
size [# of strips]

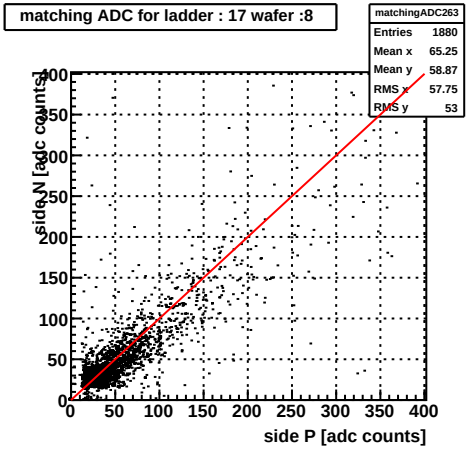

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1645
Mean x 66.27
Mean y 62.37
RMS x 53.24
RMS y 52.3
side N [adc counts]
side P [adc counts]

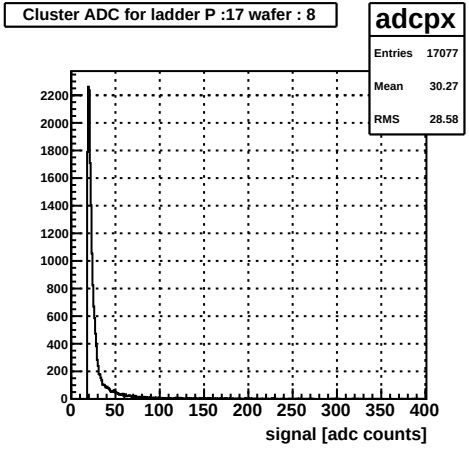

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11026
Mean 34.32
RMS 32.81
signal [adc counts]

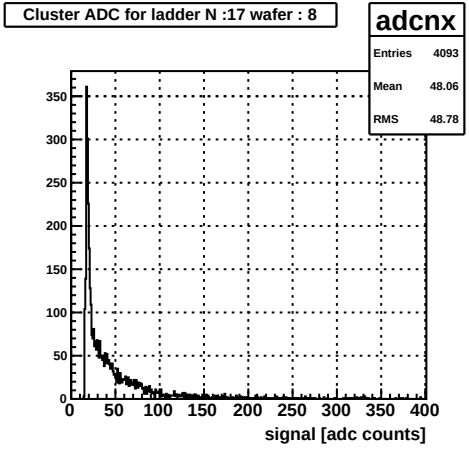

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5091
Mean 41.77
RMS 44.08
signal [adc counts]

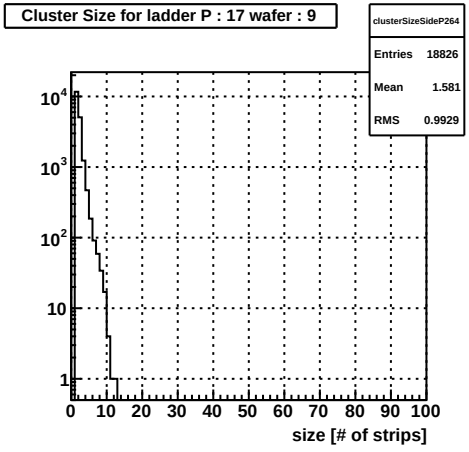

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 17077
Mean 1.08
RMS 0.3222
size [# of strips]

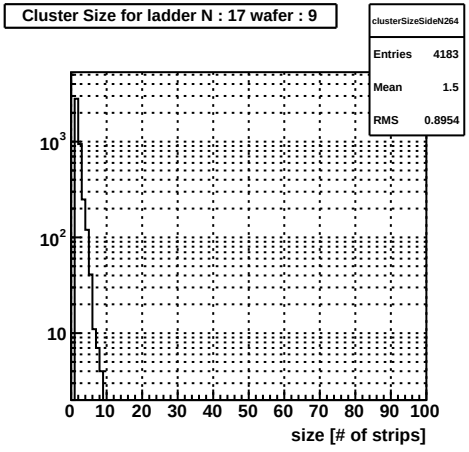

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 4093
Mean 1.372
RMS 0.7493
size [# of strips]

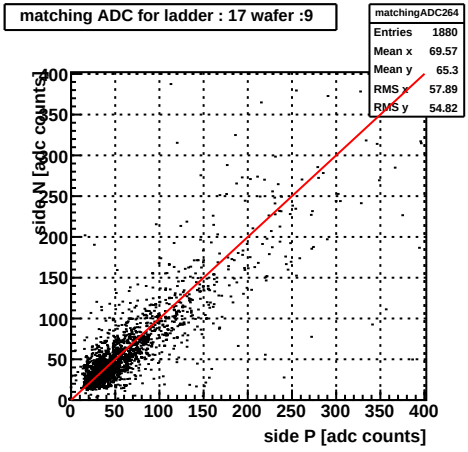

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1880
Mean x 65.25
Mean y 58.87
RMS x 57.75
RMS y 53
side N [adc counts]
side P [adc counts]

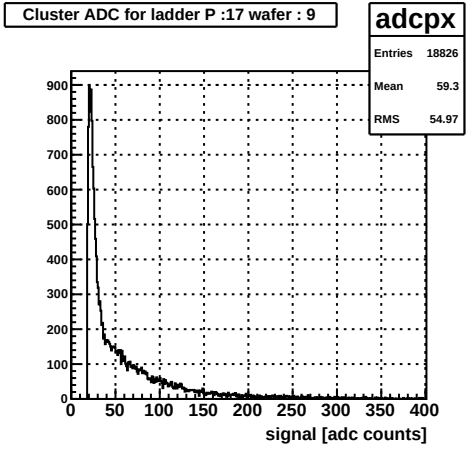

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 17077
Mean 30.27
RMS 28.58
signal [adc counts]

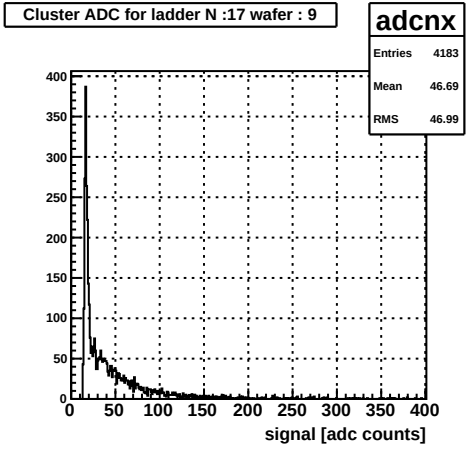

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 4093
Mean 48.06
RMS 48.78
signal [adc counts]

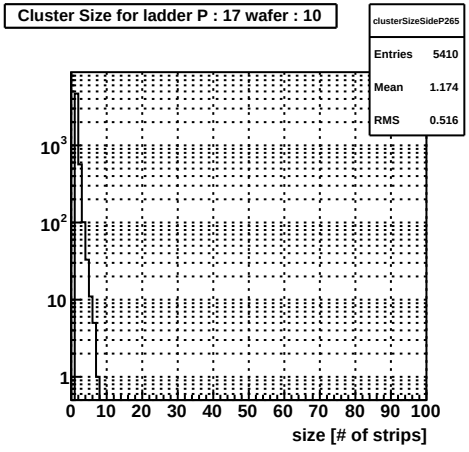

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 18826
Mean 1.581
RMS 0.9929
size [# of strips]

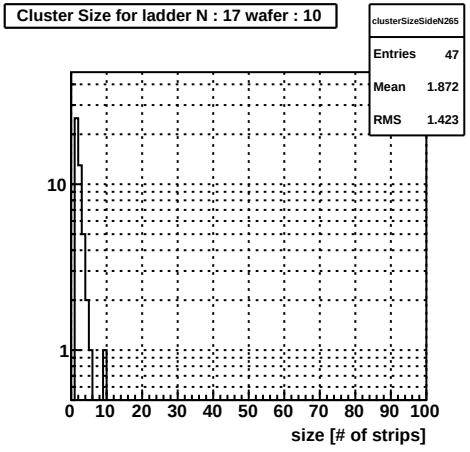

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4183
Mean 1.5
RMS 0.8954
size [# of strips]

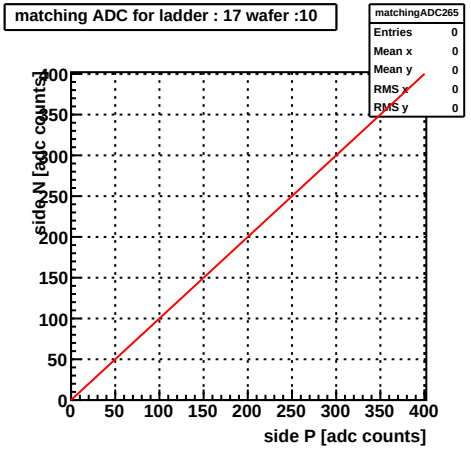

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1880
Mean x 69.57
Mean y 65.3
RMS x 57.89
RMS y 54.82
side N [adc counts]
side P [adc counts]

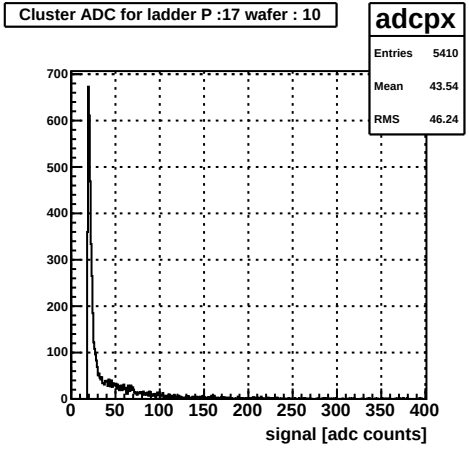

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 18826
Mean 59.3
RMS 54.97
signal [adc counts]

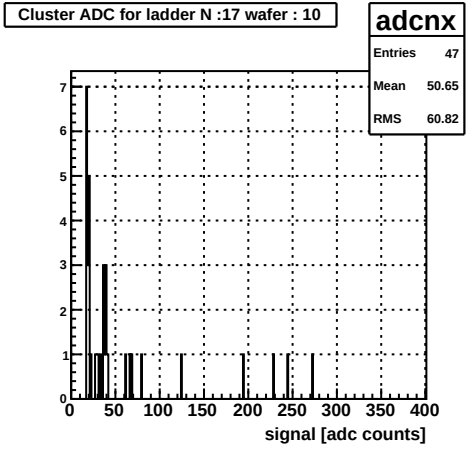

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4183
Mean 46.69
RMS 46.99
signal [adc counts]

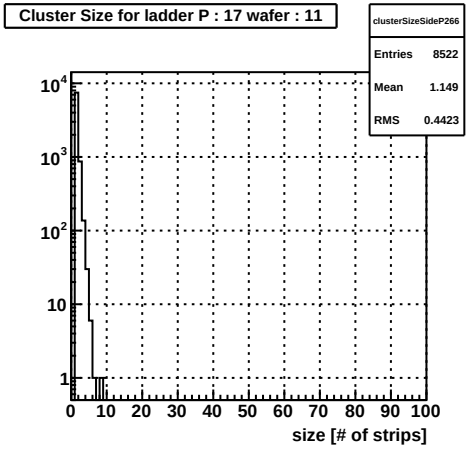

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5410
Mean 1.174
RMS 0.516
size [# of strips]

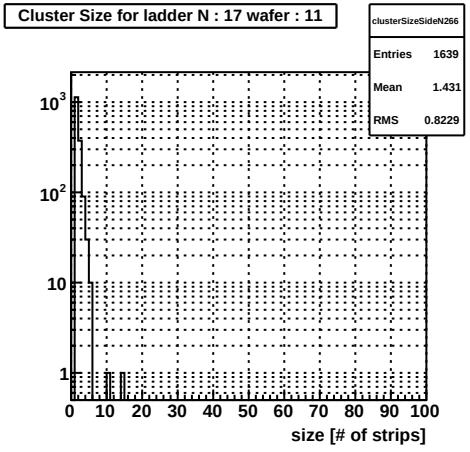

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 47
Mean 1.872
RMS 1.423
size [# of strips]

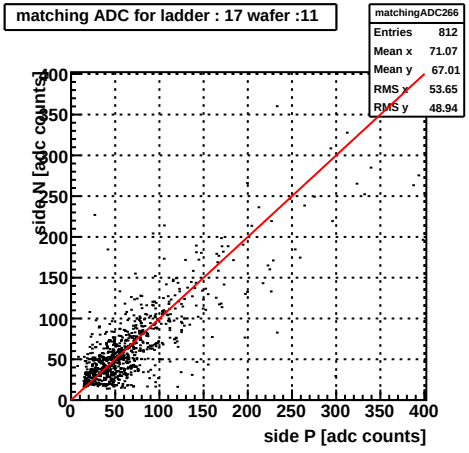

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

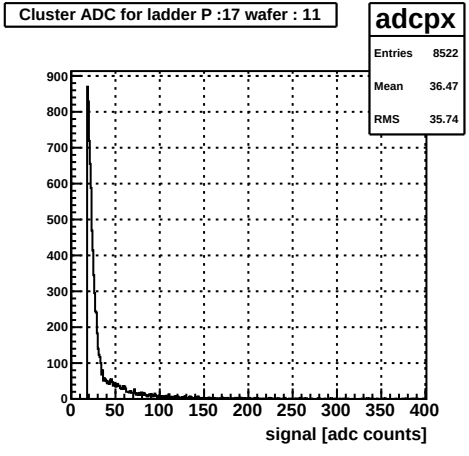

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5410
Mean 43.54
RMS 46.24
signal [adc counts]

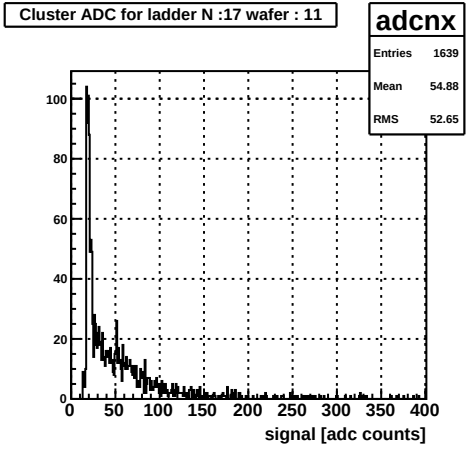

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 47
Mean 50.65
RMS 60.82
signal [adc counts]

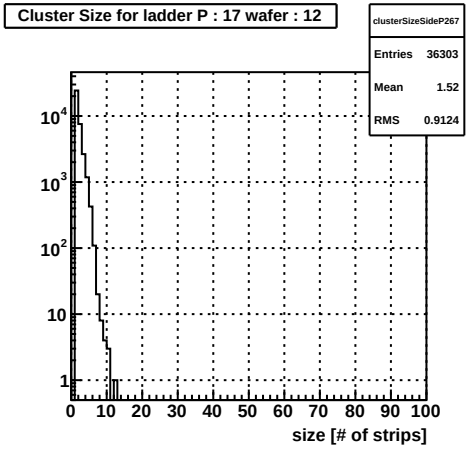

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8522
Mean 1.149
RMS 0.4423
size [# of strips]

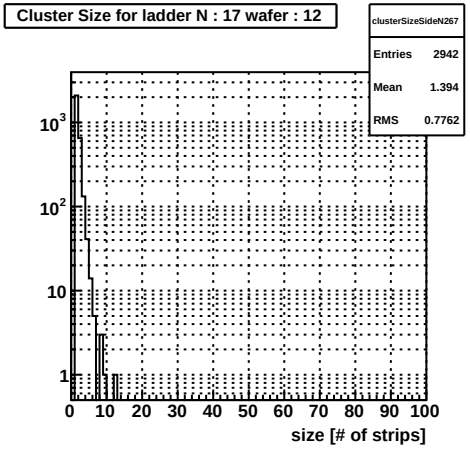

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1639
Mean 1.431
RMS 0.8229
size [# of strips]

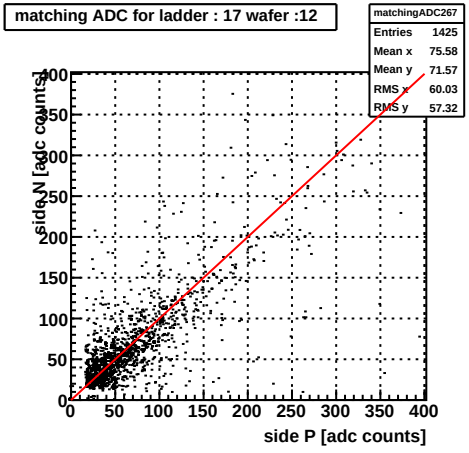

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 812
Mean x 71.07
Mean y 67.01
RMS x 53.65
RMS y 48.94
side N [adc counts]
side P [adc counts]

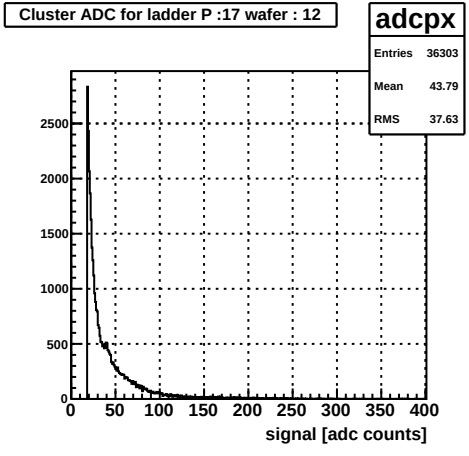

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8522
Mean 36.47
RMS 35.74
signal [adc counts]

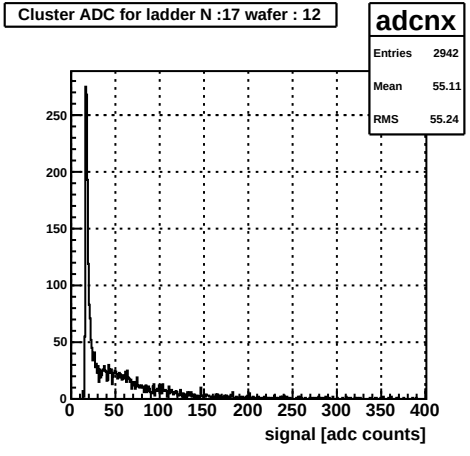

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1639
Mean 54.88
RMS 52.65
signal [adc counts]

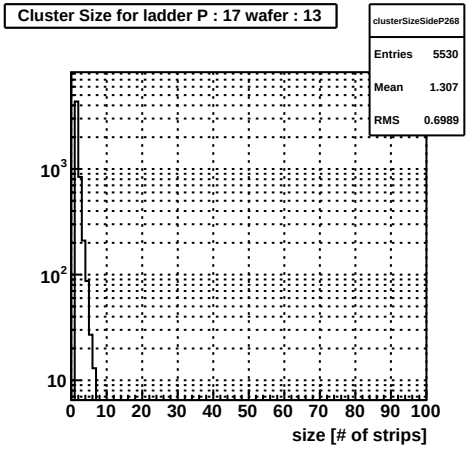

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 36303
Mean 1.52
RMS 0.9124
size [# of strips]

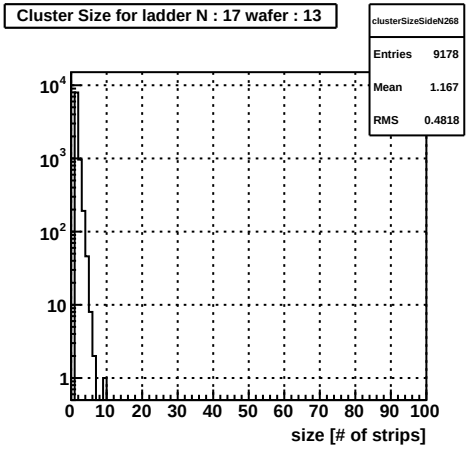

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2942
Mean 1.394
RMS 0.7762
size [# of strips]

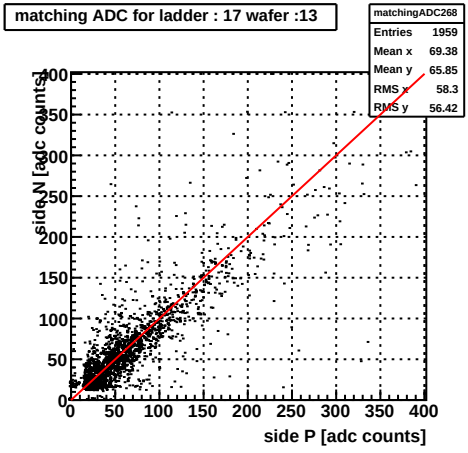

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1425
Mean x 75.58
Mean y 71.57
RMS x 60.03
RMS y 57.32
side N [adc counts]
side P [adc counts]

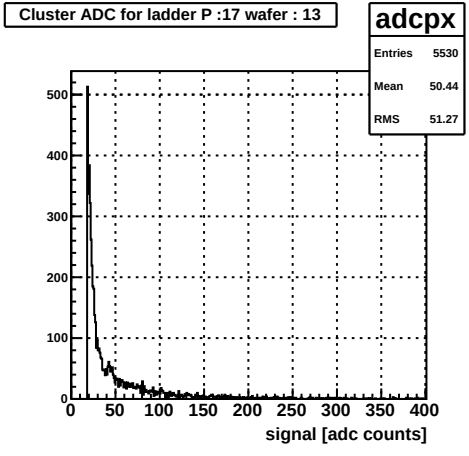

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 36303
Mean 43.79
RMS 37.63
signal [adc counts]

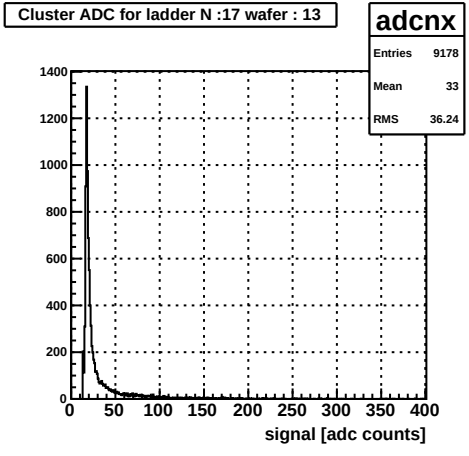

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2942
Mean 55.11
RMS 55.24
signal [adc counts]

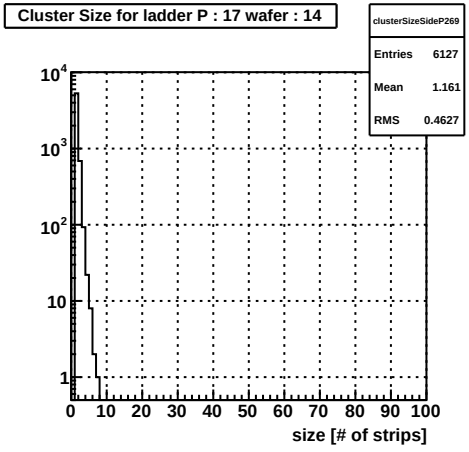

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5530
Mean 1.307
RMS 0.6989
size [# of strips]

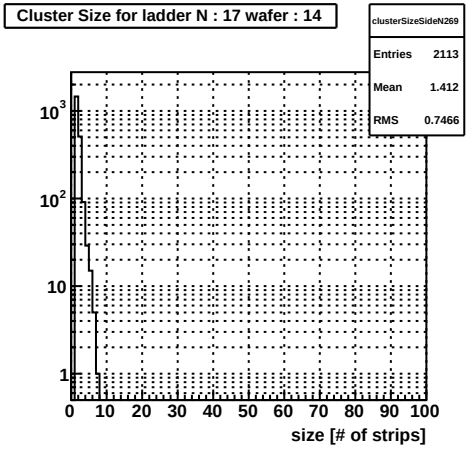

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9178
Mean 1.167
RMS 0.4818
size [# of strips]

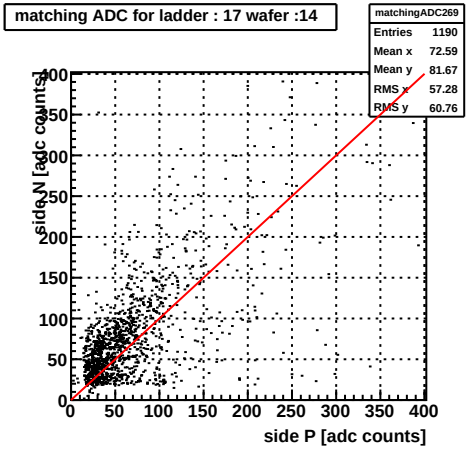

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1959
Mean x 69.38
Mean y 65.85
RMS x 58.3
RMS y 56.42
side N [adc counts]
side P [adc counts]

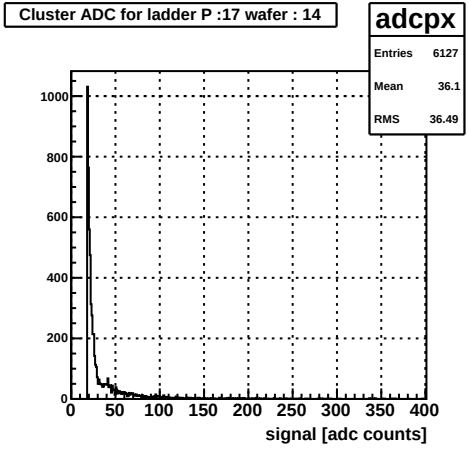

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5530
Mean 50.44
RMS 51.27
signal [adc counts]

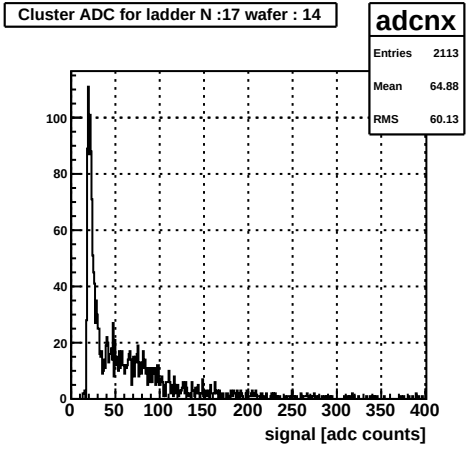

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9178
Mean 33
RMS 36.24
signal [adc counts]

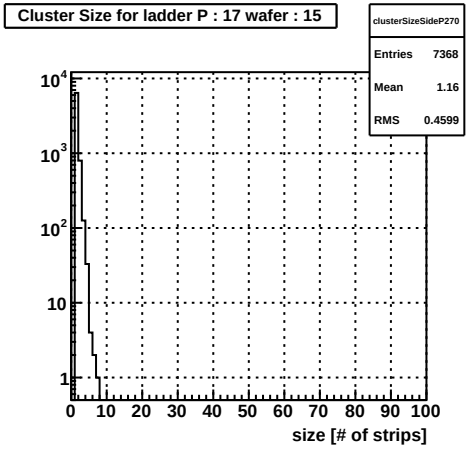

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6127
Mean 1.161
RMS 0.4627
size [# of strips]

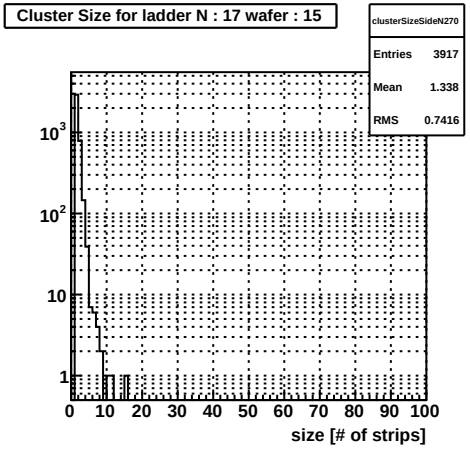

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2113
Mean 1.412
RMS 0.7466
size [# of strips]

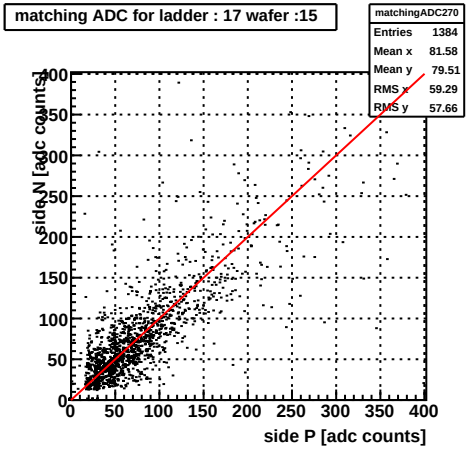

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1190
Mean x 72.59
Mean y 81.67
RMS x 57.28
RMS y 60.76
side N [adc counts]
side P [adc counts]

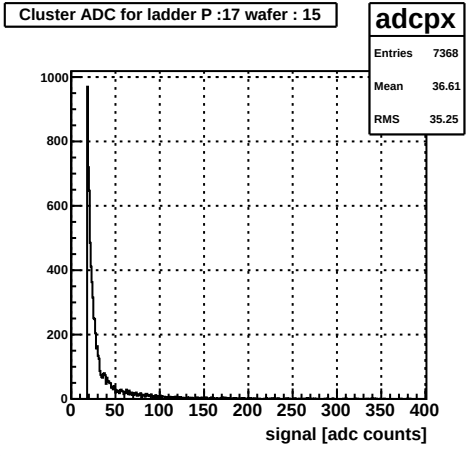

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6127
Mean 36.1
RMS 36.49
signal [adc counts]

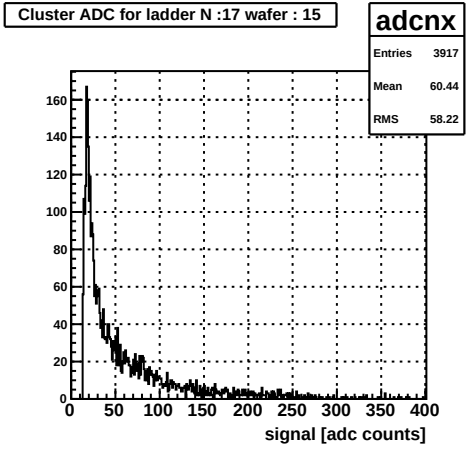

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2113
Mean 64.88
RMS 60.13
signal [adc counts]

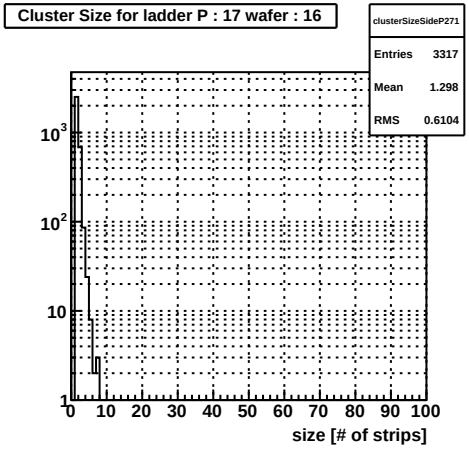

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7368
Mean 1.16
RMS 0.4599
size [# of strips]

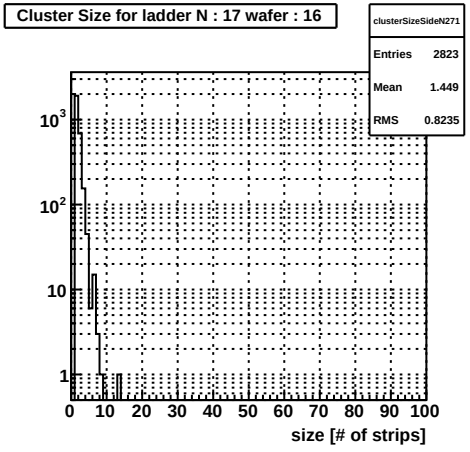

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3917
Mean 1.338
RMS 0.7416
size [# of strips]

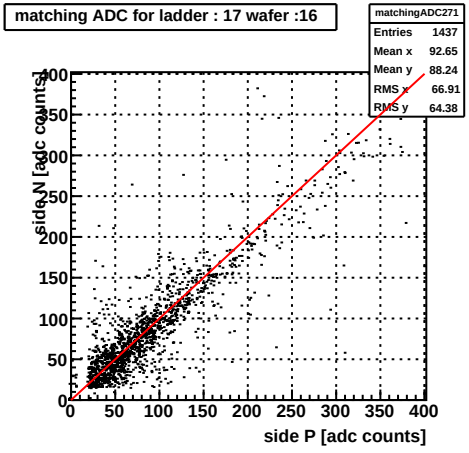

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1384
Mean x 81.58
Mean y 79.51
RMS x 59.29
RMS y 57.66
side N [adc counts]
side P [adc counts]

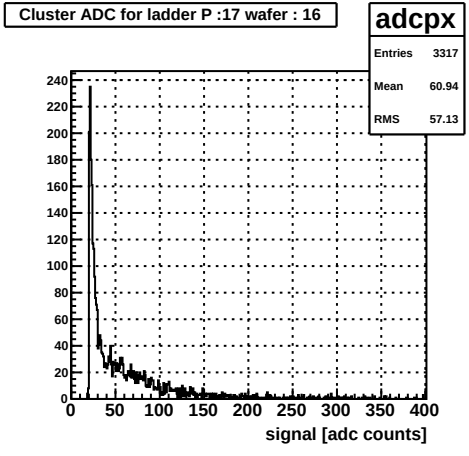

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7368
Mean 36.61
RMS 35.25
signal [adc counts]

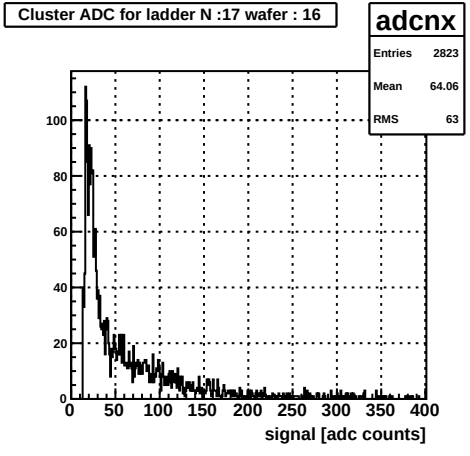

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3917
Mean 60.44
RMS 58.22
signal [adc counts]

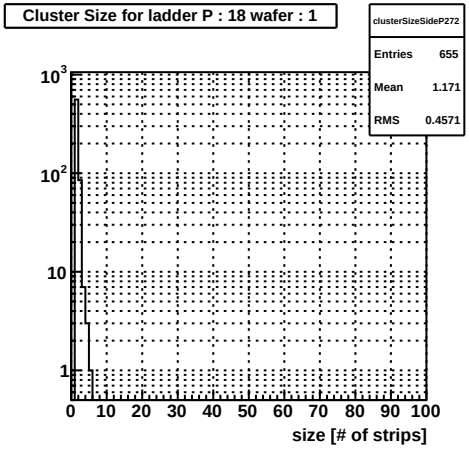

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3317
Mean 1.298
RMS 0.6104
size [# of strips]

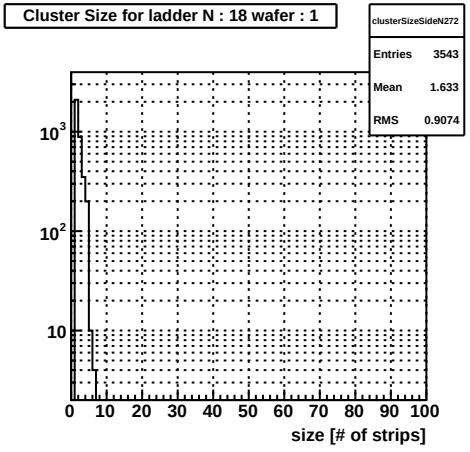

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2823
Mean 1.449
RMS 0.8235
size [# of strips]

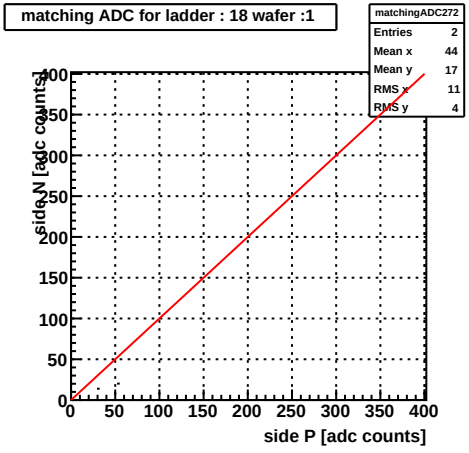

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1437
Mean x 92.65
Mean y 88.24
RMS x 66.91
RMS y 64.38
side N [adc counts]
side P [adc counts]

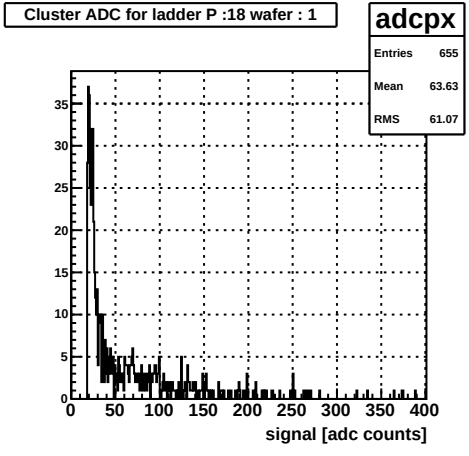

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3317
Mean 60.94
RMS 57.13
signal [adc counts]

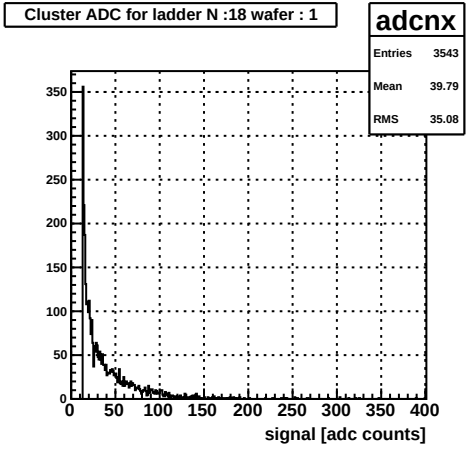

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2823
Mean 64.06
RMS 63
signal [adc counts]

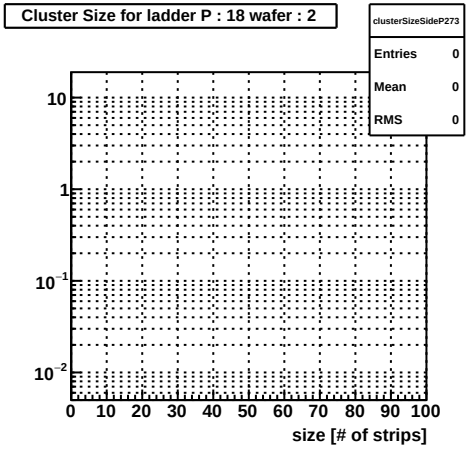

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 655
Mean 1.171
RMS 0.4571
size [# of strips]

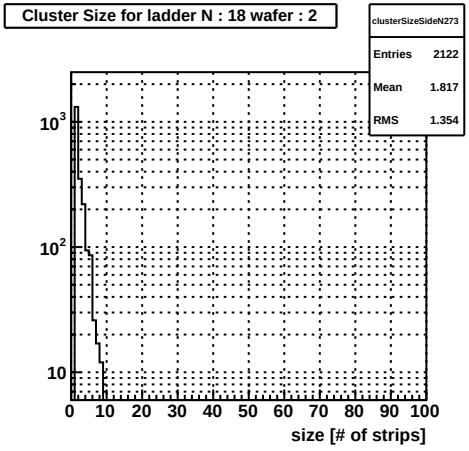

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3543
Mean 1.633
RMS 0.9074
size [# of strips]

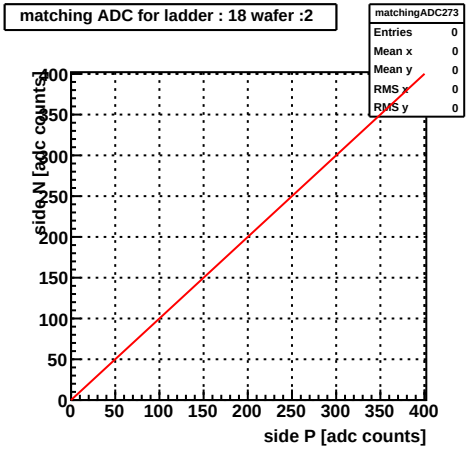

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 2
Mean x 44
Mean y 17
RMS x 11
RMS y 4
side N [adc counts]
side P [adc counts]

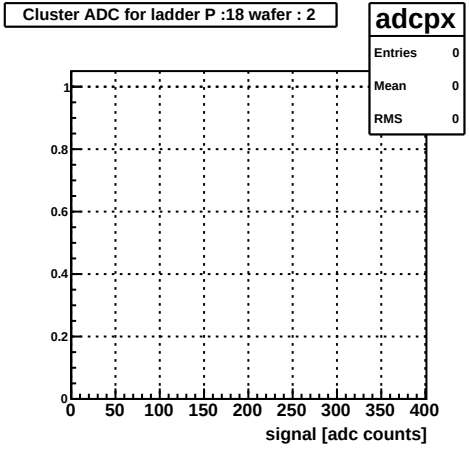

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 655
Mean 63.63
RMS 61.07
signal [adc counts]

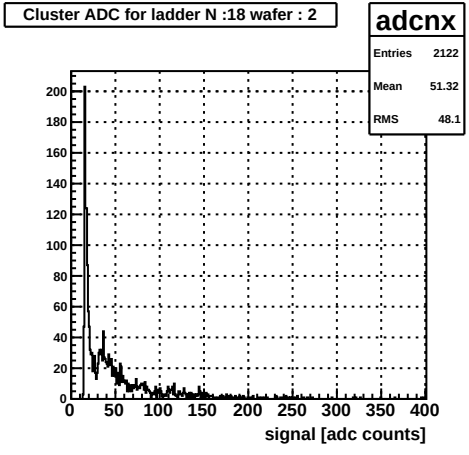

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3543
Mean 39.79
RMS 35.08
signal [adc counts]

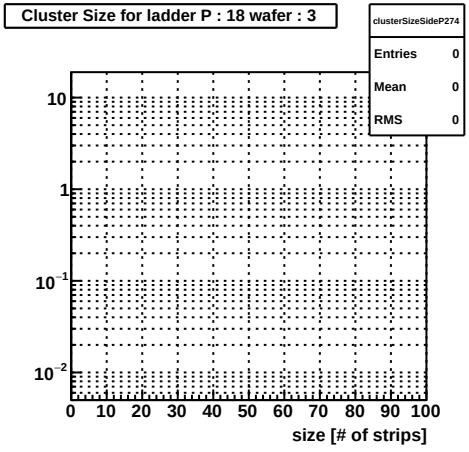

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

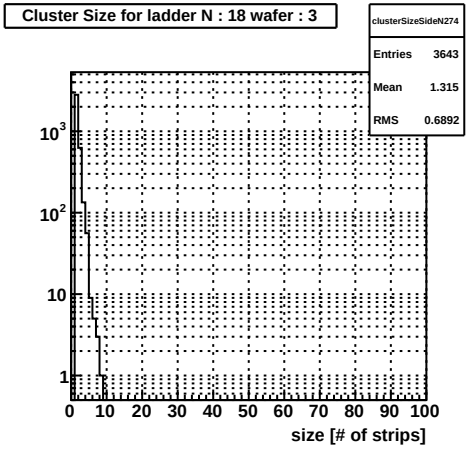

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2122
Mean 1.817
RMS 1.354
size [# of strips]

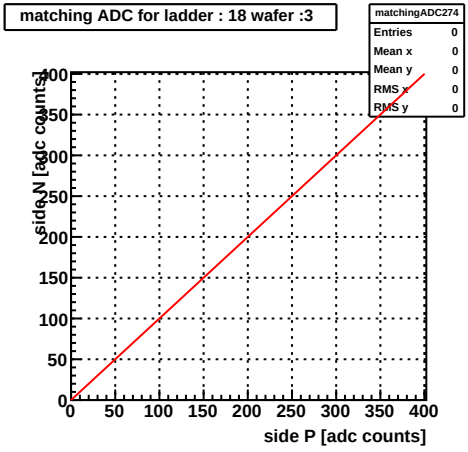

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

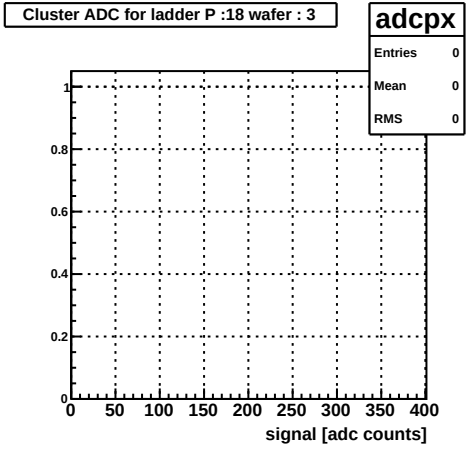

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

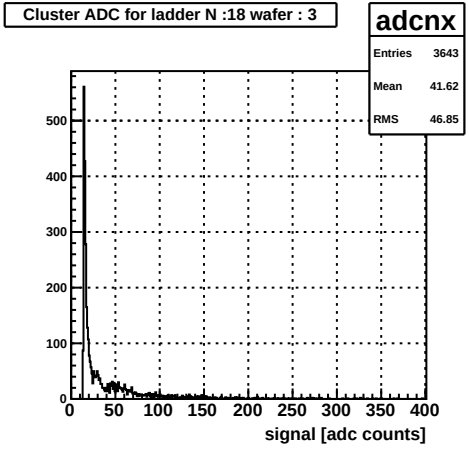

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2122
Mean 51.32
RMS 48.1
signal [adc counts]

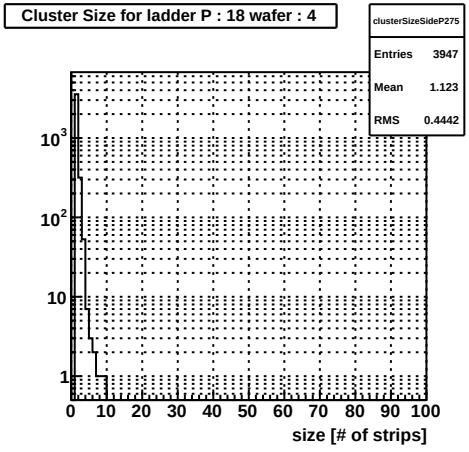

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

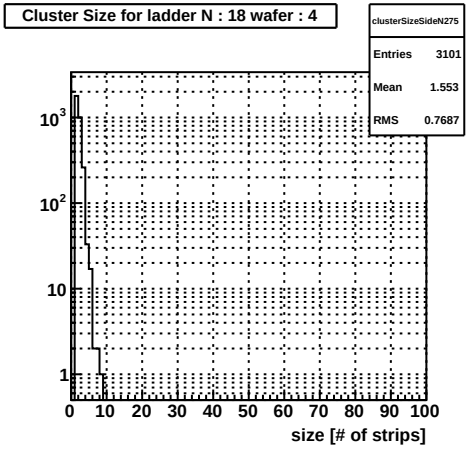

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 3643
Mean 1.315
RMS 0.6892
size [# of strips]

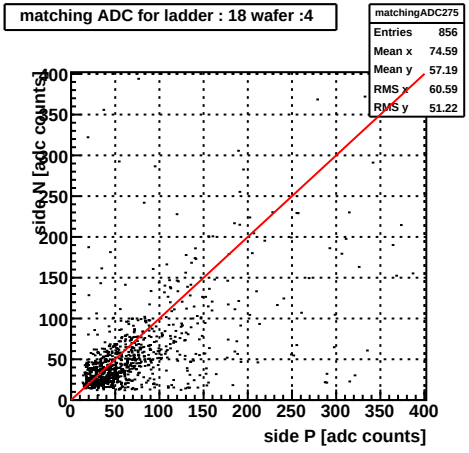

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

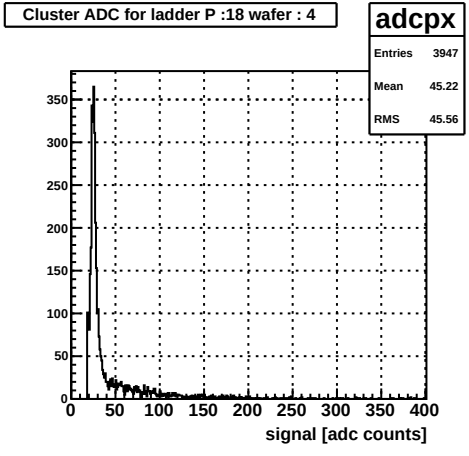

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

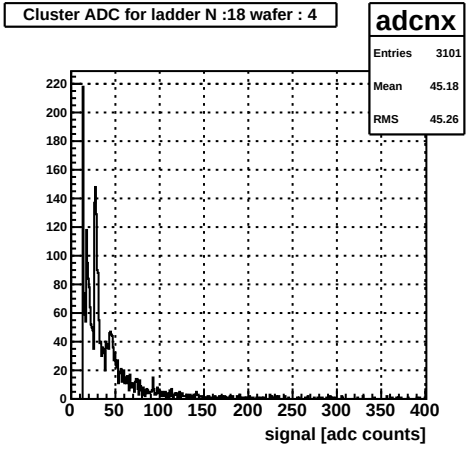

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 3643
Mean 41.62
RMS 46.85
signal [adc counts]

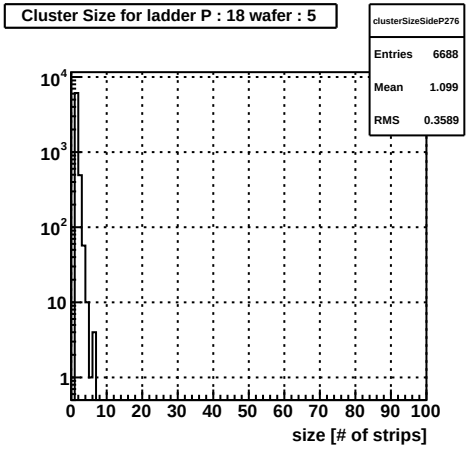

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3947
Mean 1.123
RMS 0.4442
size [# of strips]

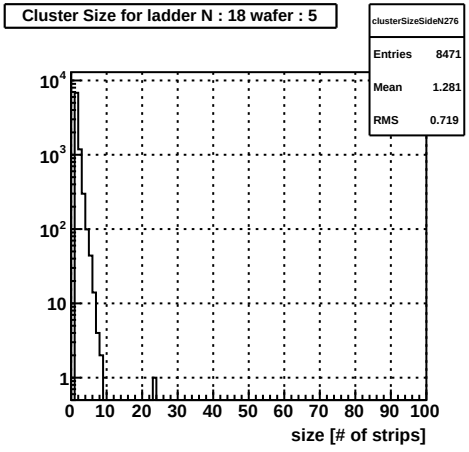

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 3101
Mean 1.553
RMS 0.7687
size [# of strips]

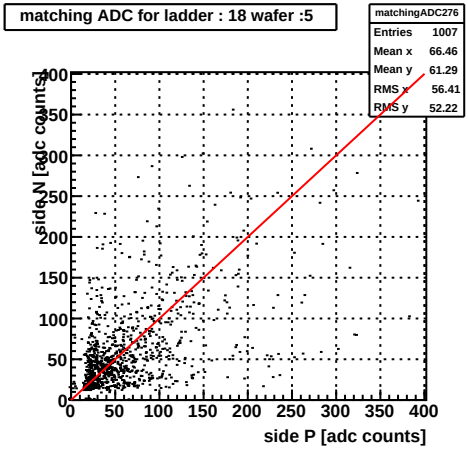

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 856
Mean x 74.59
Mean y 57.19
RMS x 60.59
RMS y 51.22
side N [adc counts]
side P [adc counts]

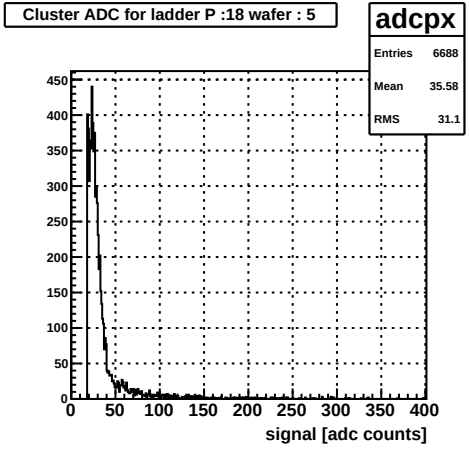

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3947
Mean 45.22
RMS 45.56
signal [adc counts]

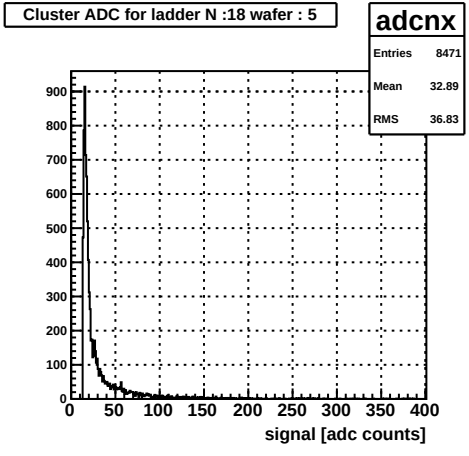

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 3101
Mean 45.18
RMS 45.26
signal [adc counts]

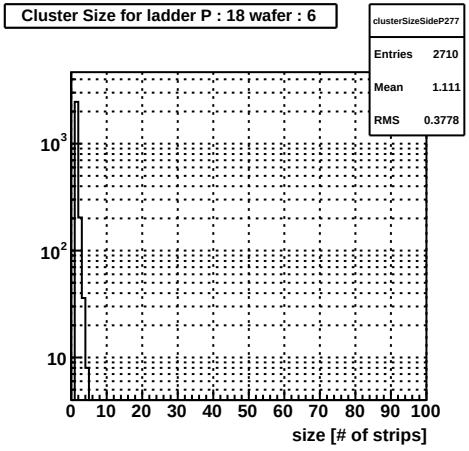

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6688
Mean 1.099
RMS 0.3589
size [# of strips]

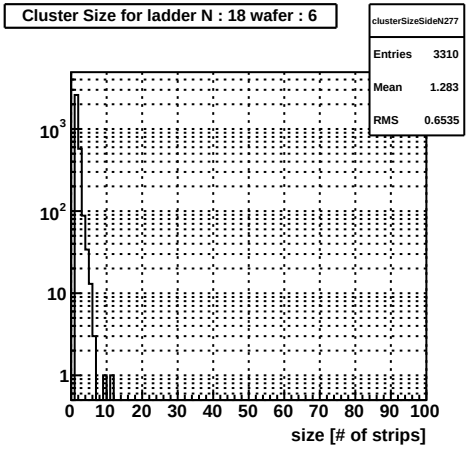

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 8471
Mean 1.281
RMS 0.719
size [# of strips]

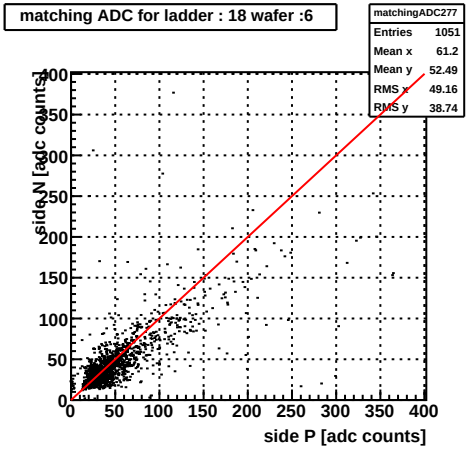

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1007
Mean x 66.46
Mean y 61.29
RMS x 56.41
RMS y 52.22
side N [adc counts]
side P [adc counts]

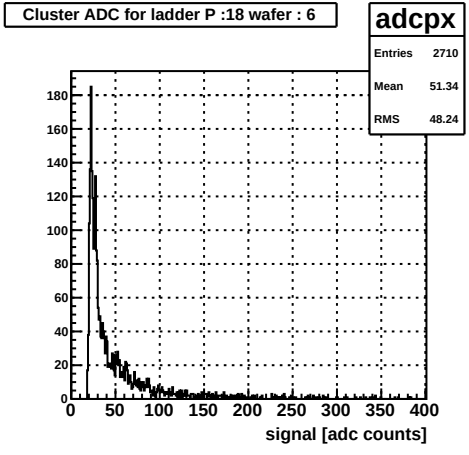

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6688
Mean 35.58
RMS 31.1
signal [adc counts]

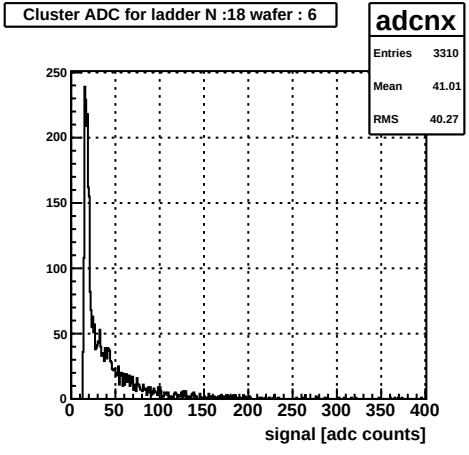

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 8471
Mean 32.89
RMS 36.83
signal [adc counts]

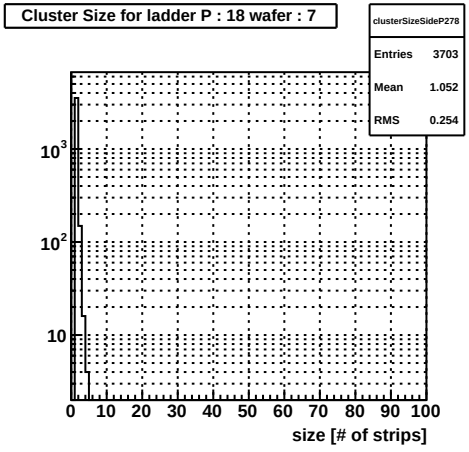

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2710
Mean 1.111
RMS 0.3778
size [# of strips]

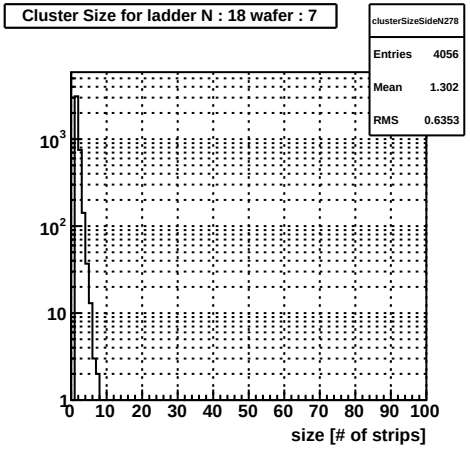

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3310
Mean 1.283
RMS 0.6535
size [# of strips]

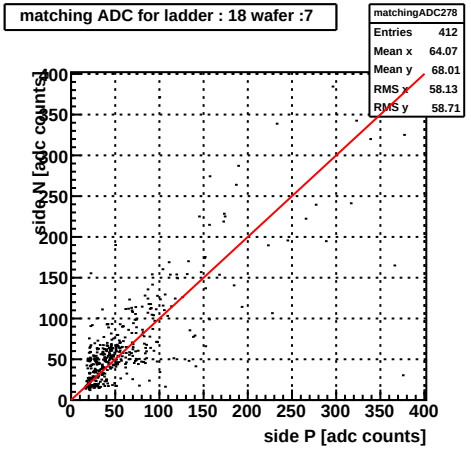

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1051
Mean x 61.2
Mean y 52.49
RMS x 49.16
RMS y 38.74
side N [adc counts]
side P [adc counts]

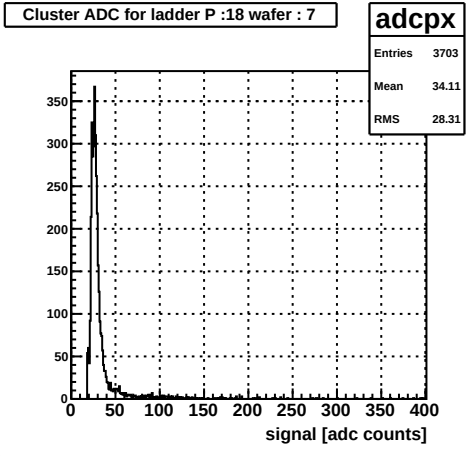

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2710
Mean 51.34
RMS 48.24
signal [adc counts]

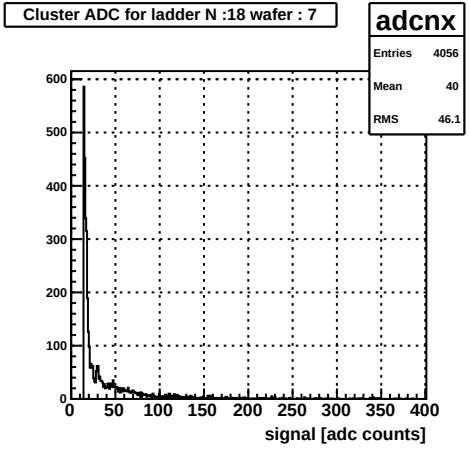

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3310
Mean 41.01
RMS 40.27
signal [adc counts]

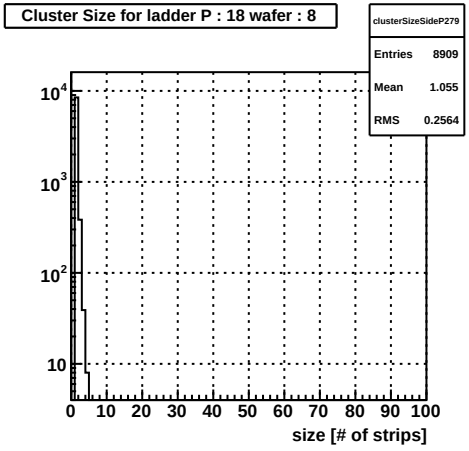

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3703
Mean 1.052
RMS 0.254
size [# of strips]

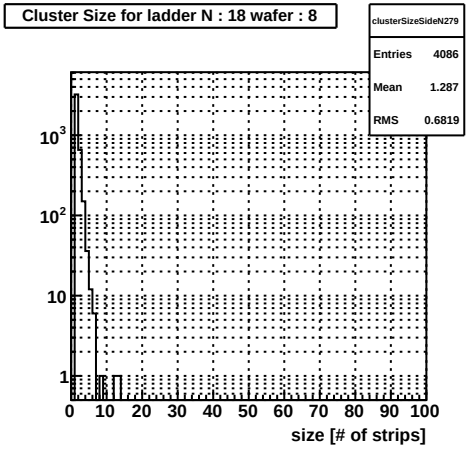

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 4056
Mean 1.302
RMS 0.6353
size [# of strips]

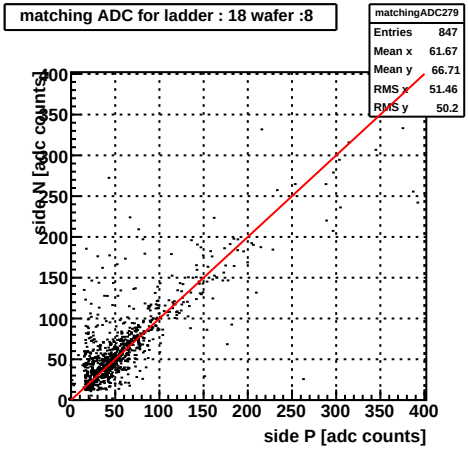

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 412
Mean x 64.07
Mean y 68.01
RMS x 58.13
RMS y 58.71
side N [adc counts]
side P [adc counts]

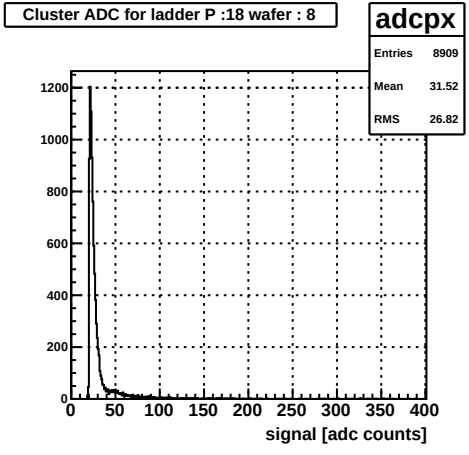

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3703
Mean 34.11
RMS 28.31
signal [adc counts]

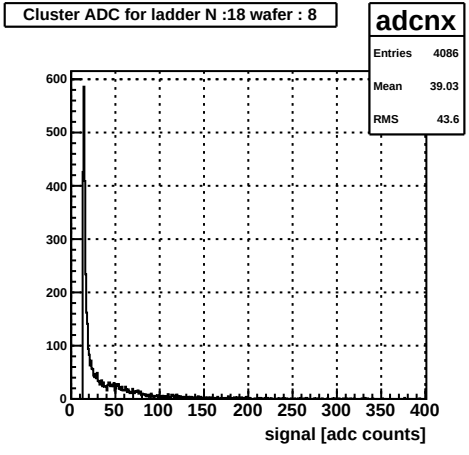

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 4056
Mean 40
RMS 46.1
signal [adc counts]

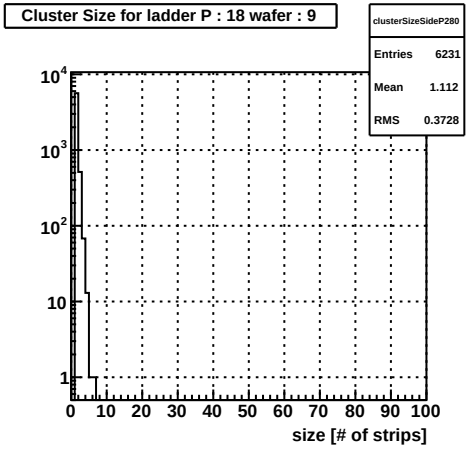

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8909
Mean 1.055
RMS 0.2564
size [# of strips]

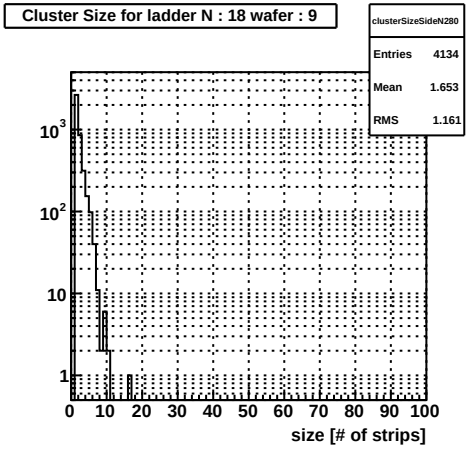

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 4086
Mean 1.287
RMS 0.6819
size [# of strips]

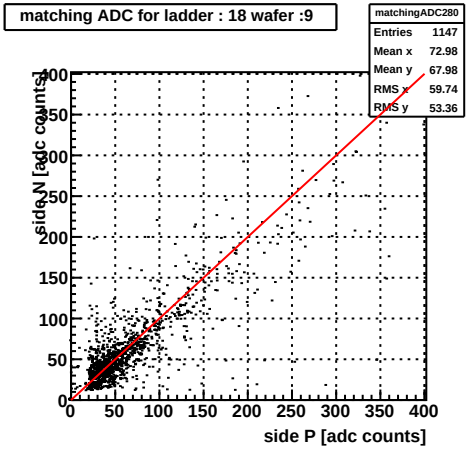

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 847
Mean x 61.67
Mean y 66.71
RMS x 51.46
RMS y 50.2
side N [adc counts]
side P [adc counts]

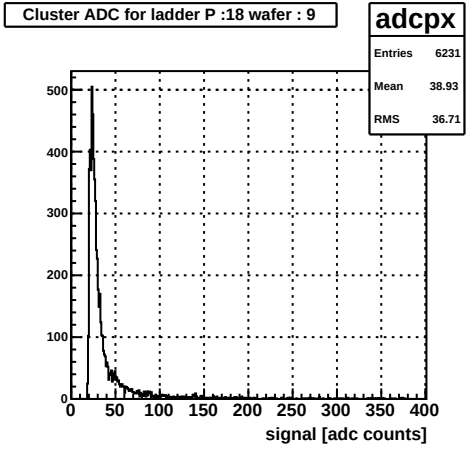

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8909
Mean 31.52
RMS 26.82
signal [adc counts]

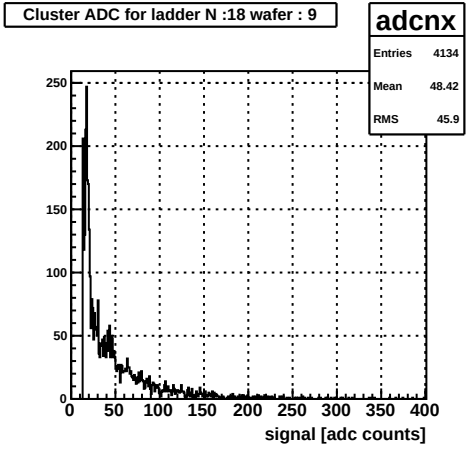

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 4086
Mean 39.03
RMS 43.6
signal [adc counts]

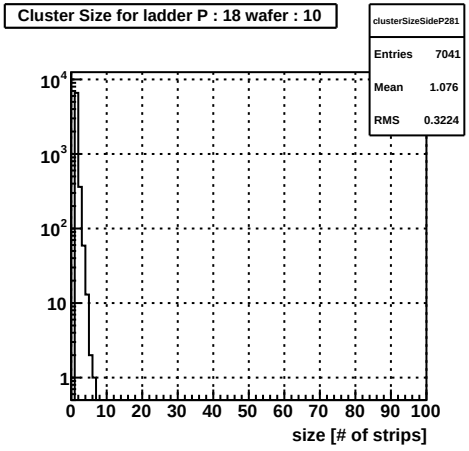

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6231
Mean 1.112
RMS 0.3728
size [# of strips]

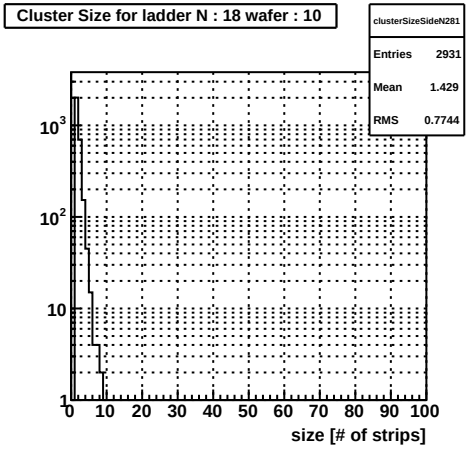

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 4134
Mean 1.653
RMS 1.161
size [# of strips]

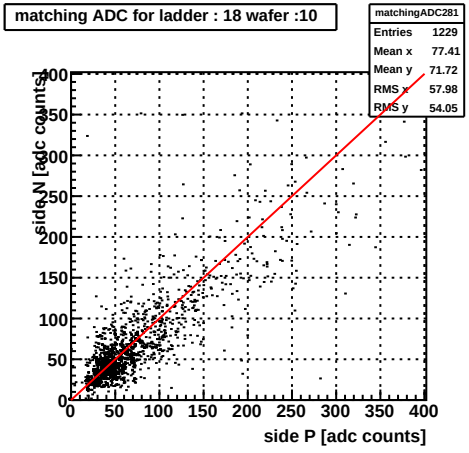

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1147
Mean x 72.98
Mean y 67.98
RMS x 59.74
RMS y 53.36
side N [adc counts]
side P [adc counts]

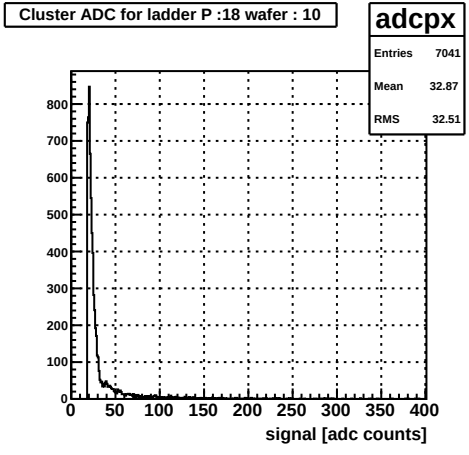

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6231
Mean 38.93
RMS 36.71
signal [adc counts]

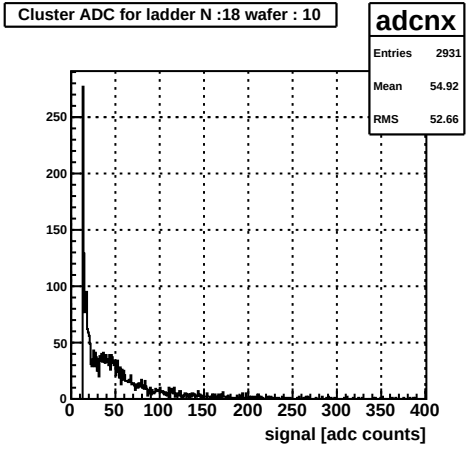

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 4134
Mean 48.42
RMS 45.9
signal [adc counts]

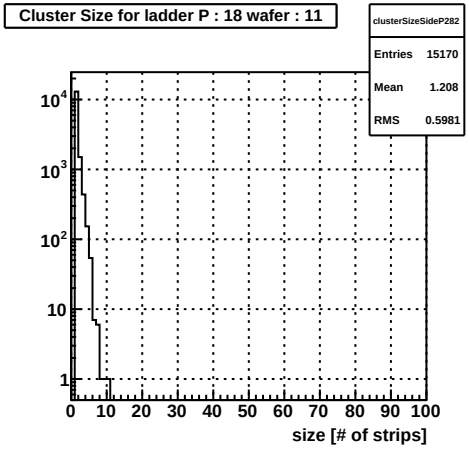

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7041
Mean 1.076
RMS 0.3224
size [# of strips]

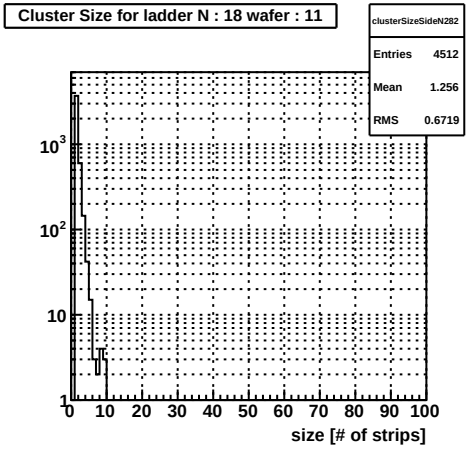

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2931
Mean 1.429
RMS 0.7744
size [# of strips]

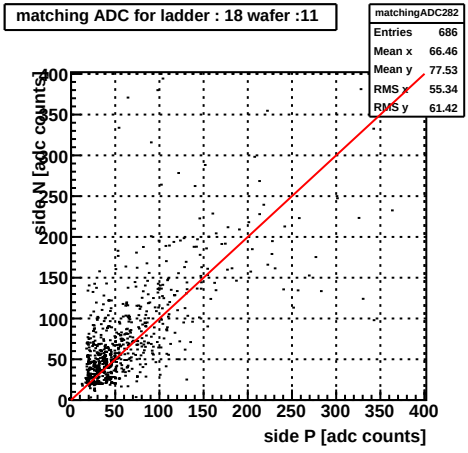

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1229
Mean x 77.41
Mean y 71.72
RMS x 57.98
RMS y 54.05
side N [adc counts]
side P [adc counts]

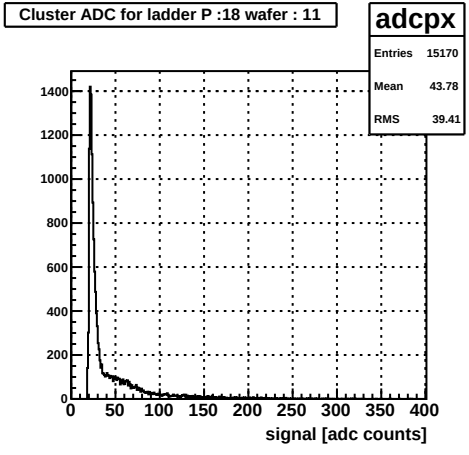

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7041
Mean 32.87
RMS 32.51
signal [adc counts]

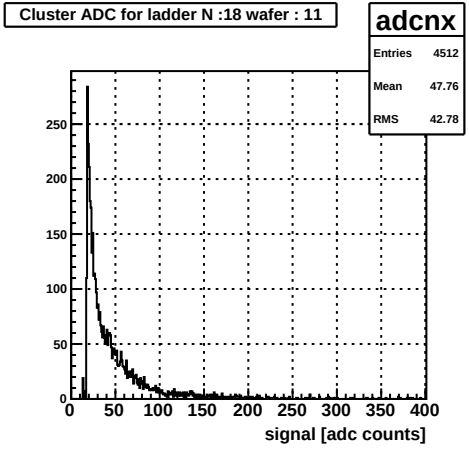

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2931
Mean 54.92
RMS 52.66
signal [adc counts]

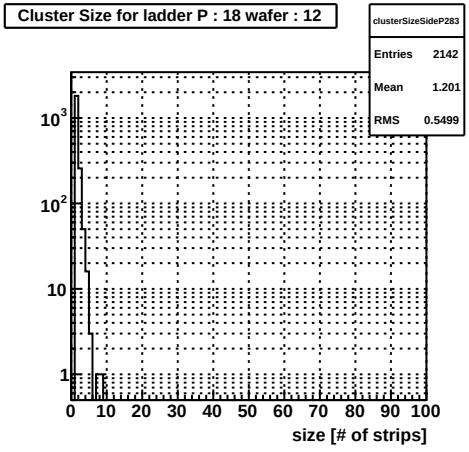

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 15170
Mean 1.208
RMS 0.5981
size [# of strips]

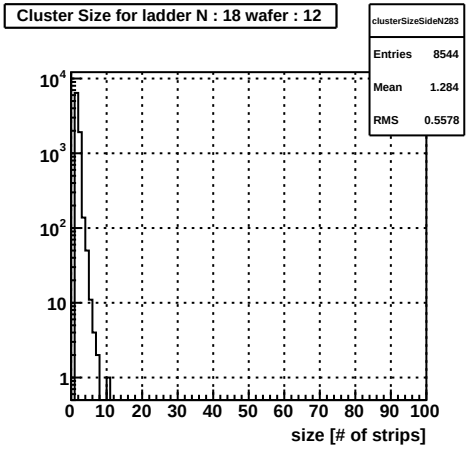

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4512
Mean 1.256
RMS 0.6719
size [# of strips]

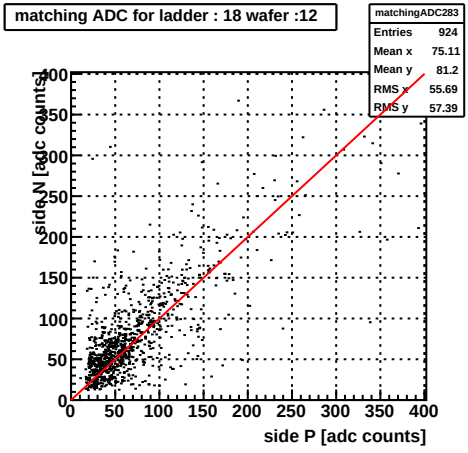

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 686
Mean x 66.46
Mean y 77.53
RMS x 55.34
RMS y 61.42
side N [adc counts]
side P [adc counts]

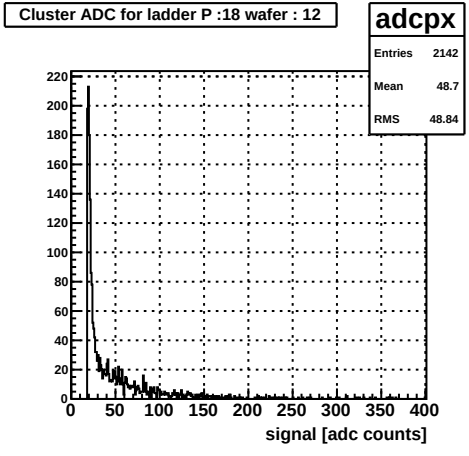

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 15170
Mean 43.78
RMS 39.41
signal [adc counts]

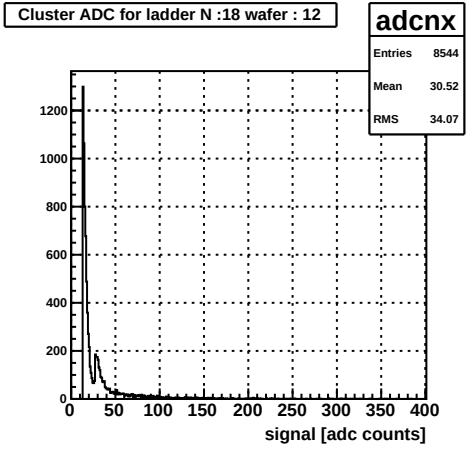

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4512
Mean 47.76
RMS 42.78
signal [adc counts]

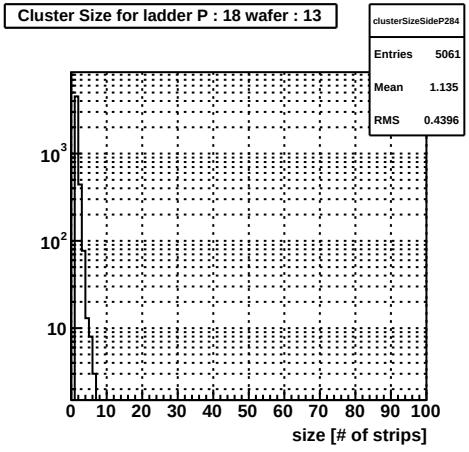

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2142
Mean 1.201
RMS 0.5499
size [# of strips]

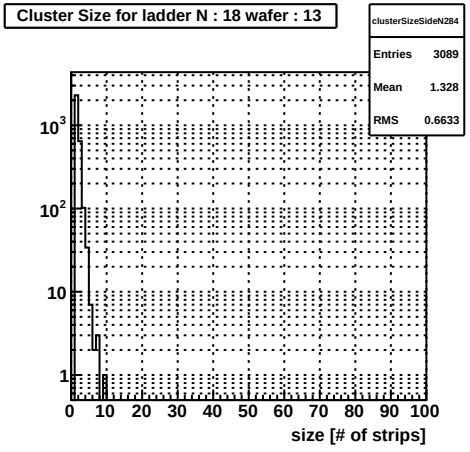

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 8544
Mean 1.284
RMS 0.5578
size [# of strips]

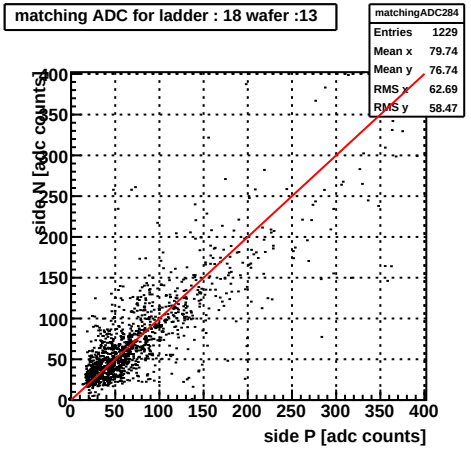

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 924
Mean x 75.11
Mean y 81.2
RMS x 55.69
RMS y 57.39
side N [adc counts]
side P [adc counts]

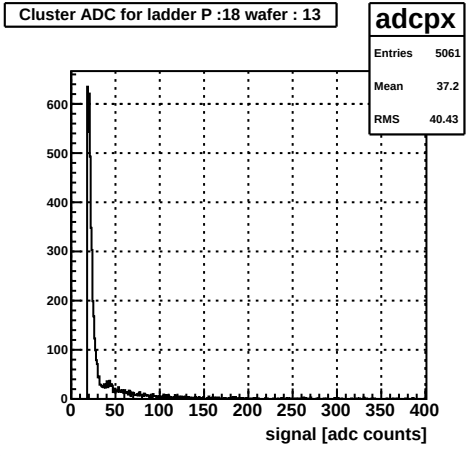

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2142
Mean 48.7
RMS 48.84
signal [adc counts]

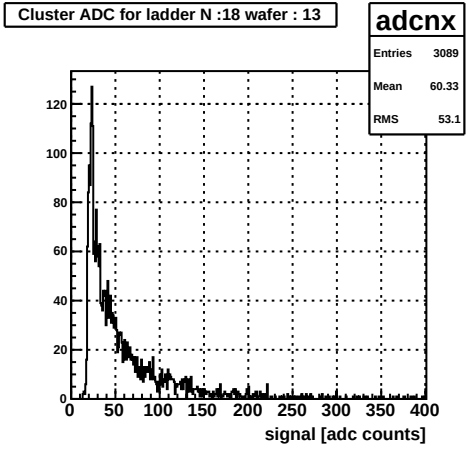

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 8544
Mean 30.52
RMS 34.07
signal [adc counts]

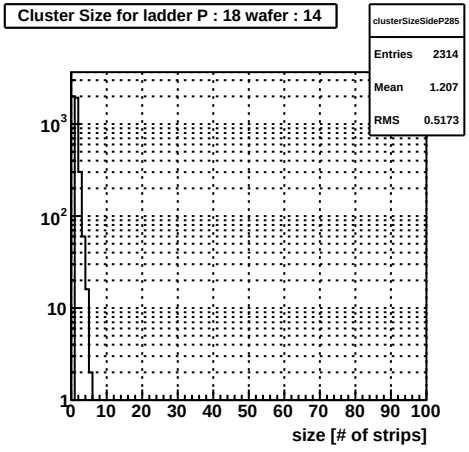

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5061
Mean 1.135
RMS 0.4396
size [# of strips]

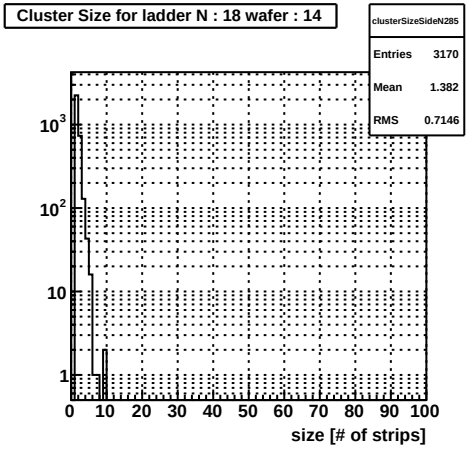

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3089
Mean 1.328
RMS 0.6633
size [# of strips]

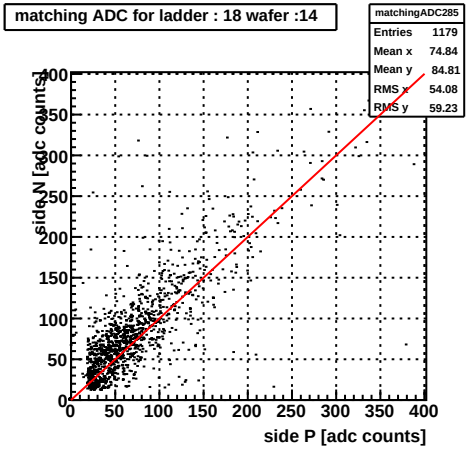

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1229
Mean x 79.74
Mean y 76.74
RMS x 62.69
RMS y 58.47
side N [adc counts]
side P [adc counts]

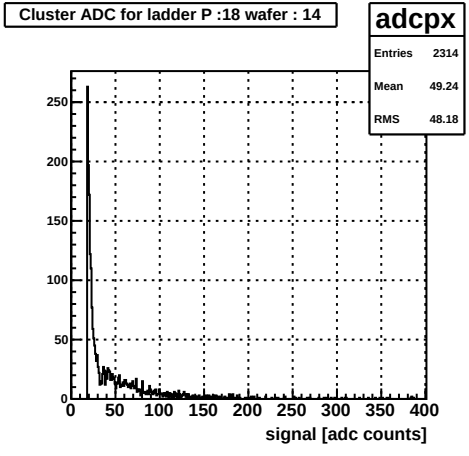

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5061
Mean 37.2
RMS 40.43
signal [adc counts]

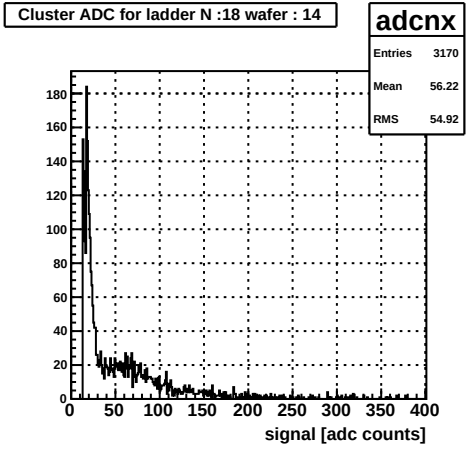

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3089
Mean 60.33
RMS 53.1
signal [adc counts]

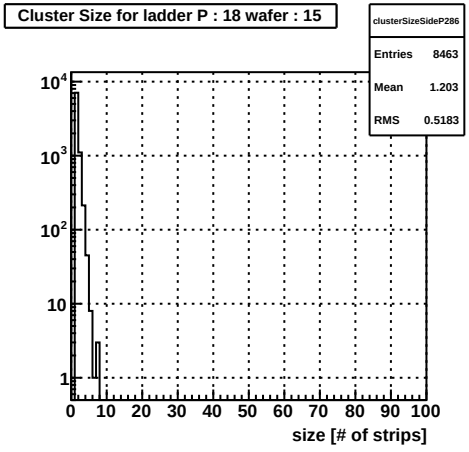

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2314
Mean 1.207
RMS 0.5173
size [# of strips]

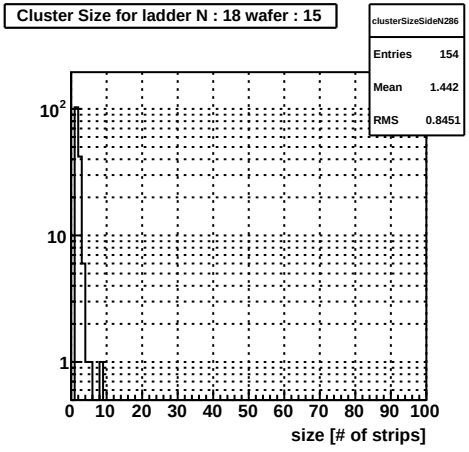

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3170
Mean 1.382
RMS 0.7146
size [# of strips]

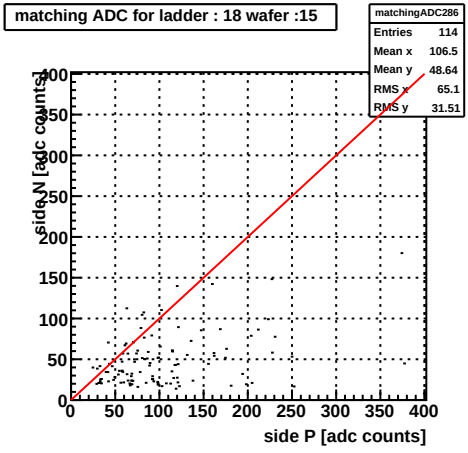

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1179
Mean x 74.84
Mean y 84.81
RMS x 54.08
RMS y 59.23
side N [adc counts]
side P [adc counts]

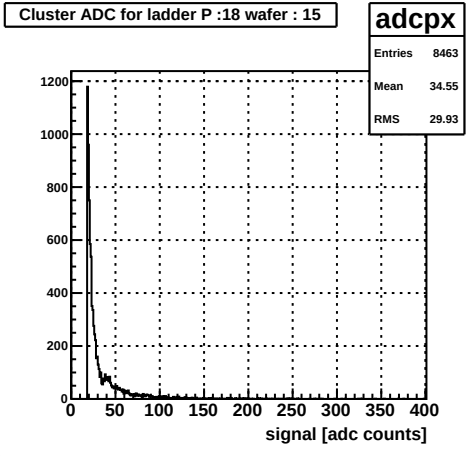

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2314
Mean 49.24
RMS 48.18
signal [adc counts]

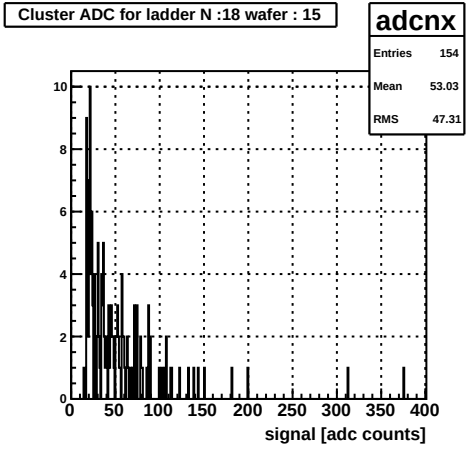

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3170
Mean 56.22
RMS 54.92
signal [adc counts]

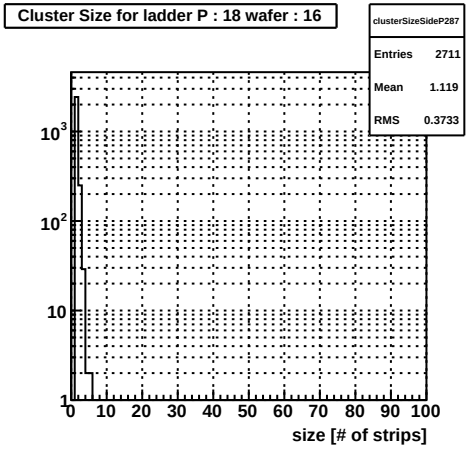

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8463
Mean 1.203
RMS 0.5183
size [# of strips]

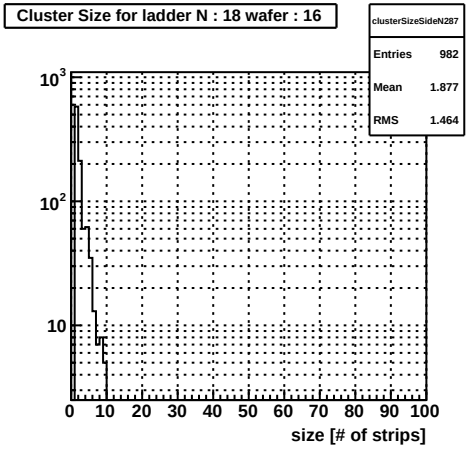

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 154
Mean 1.442
RMS 0.8451
size [# of strips]

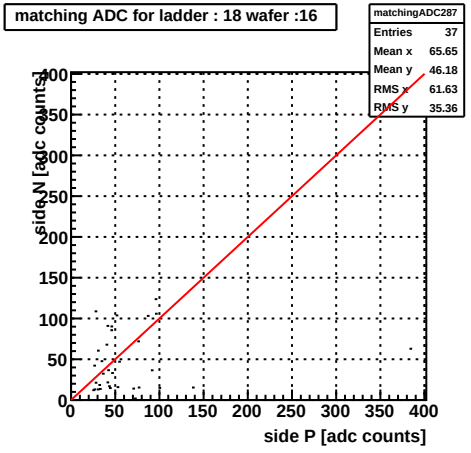

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 114
Mean x 106.5
Mean y 48.64
RMS x 65.1
RMS y 31.51
side N [adc counts]
side P [adc counts]

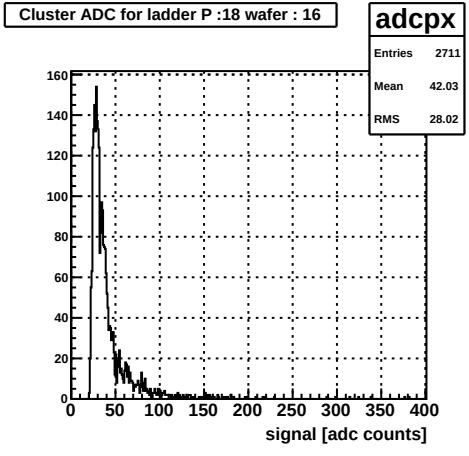

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8463
Mean 34.55
RMS 29.93
signal [adc counts]

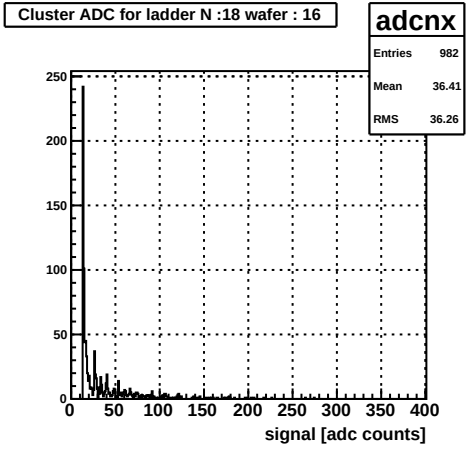

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 154
Mean 53.03
RMS 47.31
signal [adc counts]

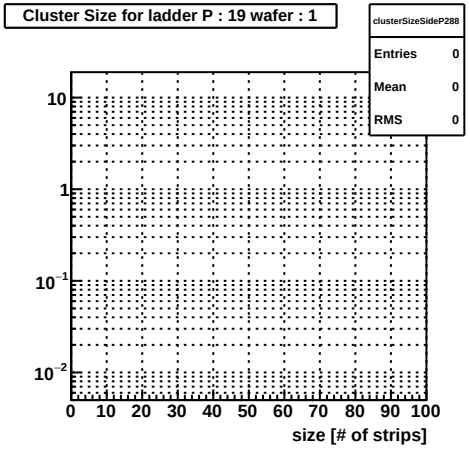

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2711
Mean 1.119
RMS 0.3733
size [# of strips]

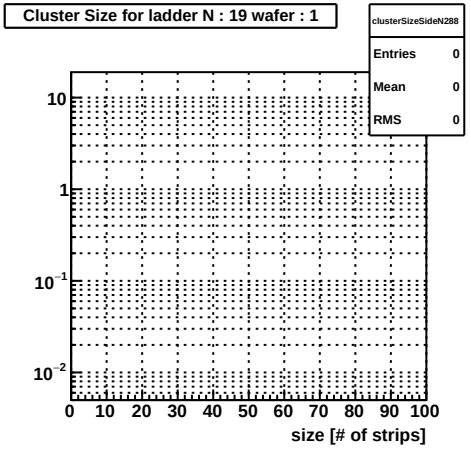

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 982
Mean 1.877
RMS 1.464
size [# of strips]

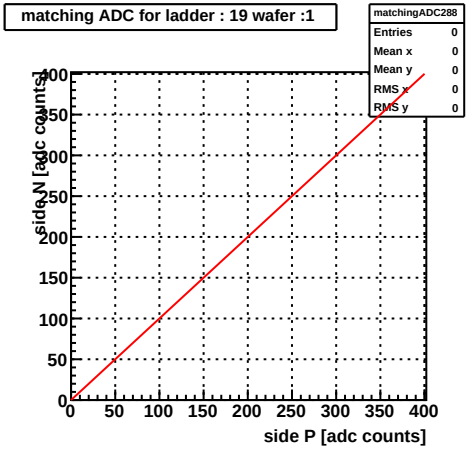

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 37
Mean x 65.65
Mean y 46.18
RMS x 61.63
RMS y 35.36
side N [adc counts]
side P [adc counts]

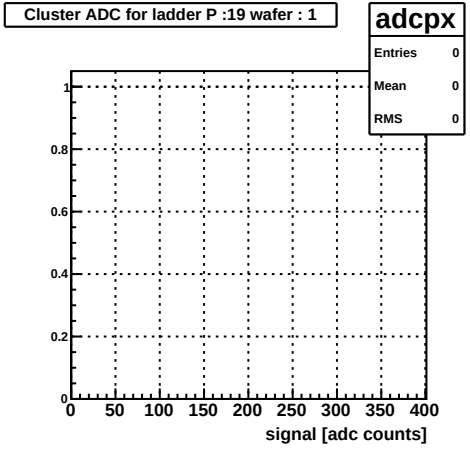

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2711
Mean 42.03
RMS 28.02
signal [adc counts]

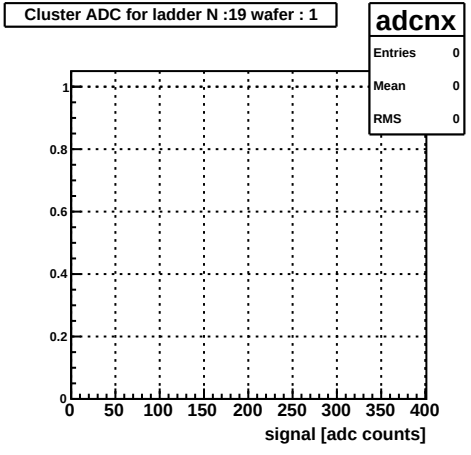

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 982
Mean 36.41
RMS 36.26
signal [adc counts]

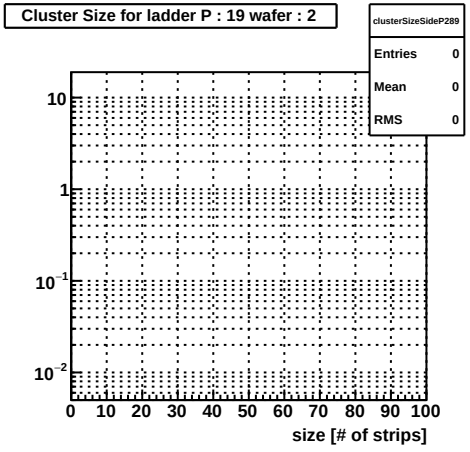

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

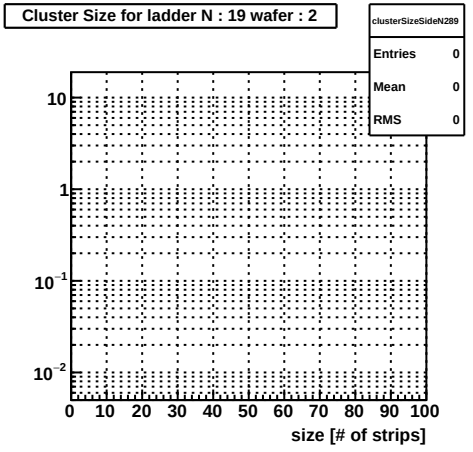

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

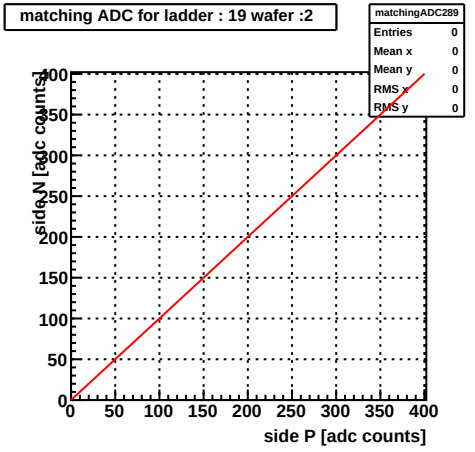

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

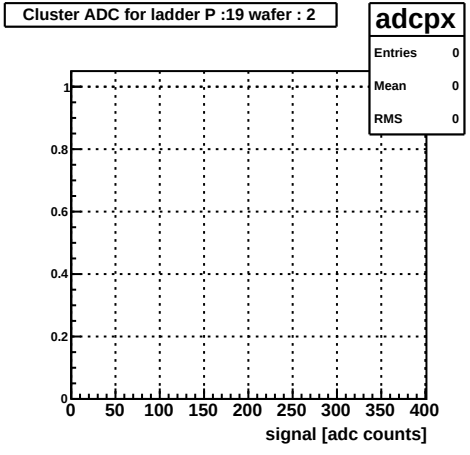

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

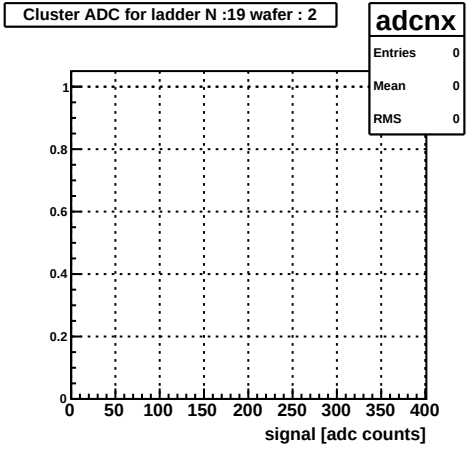

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

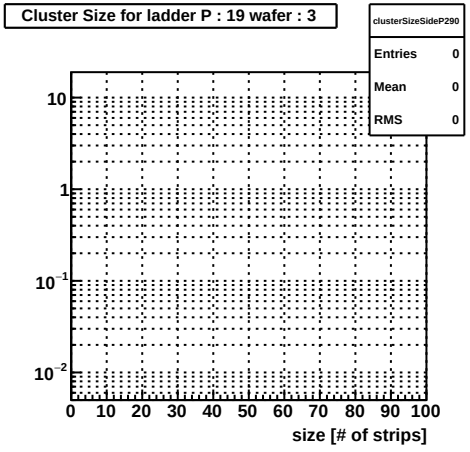

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

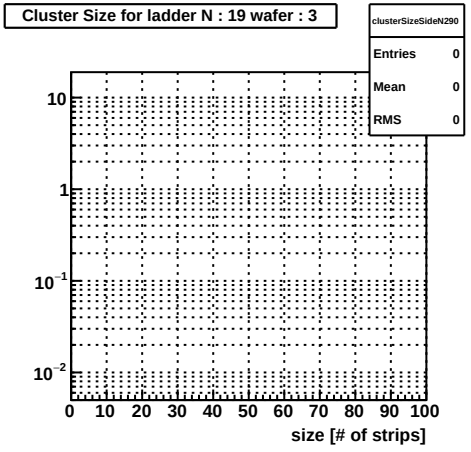

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

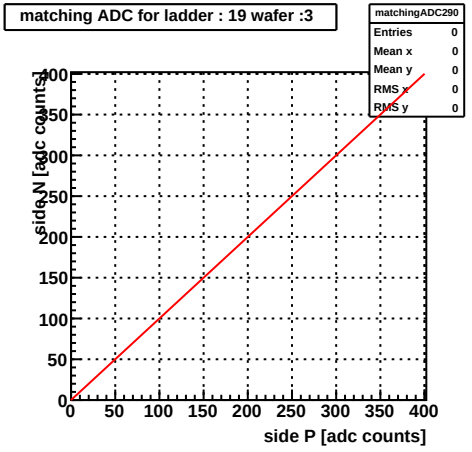

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

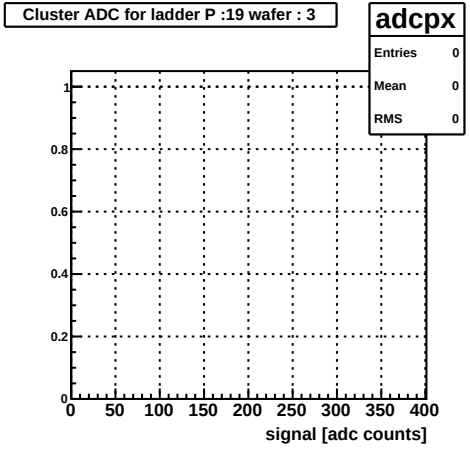

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

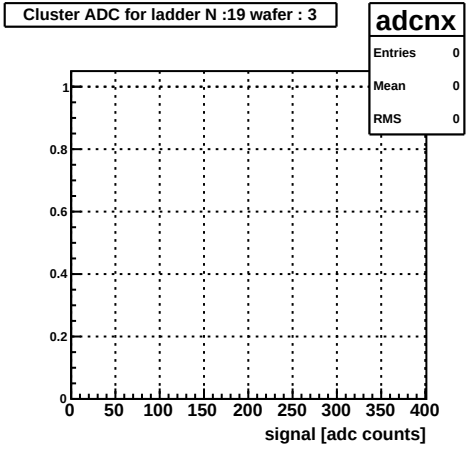

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

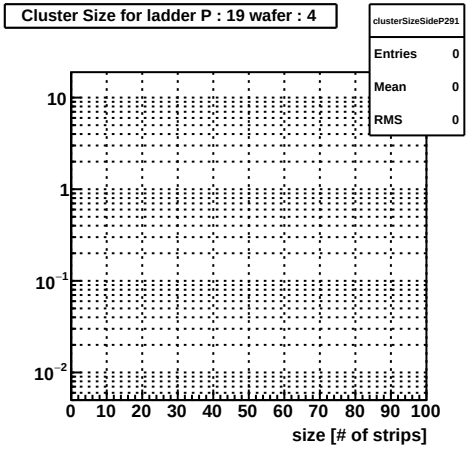

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

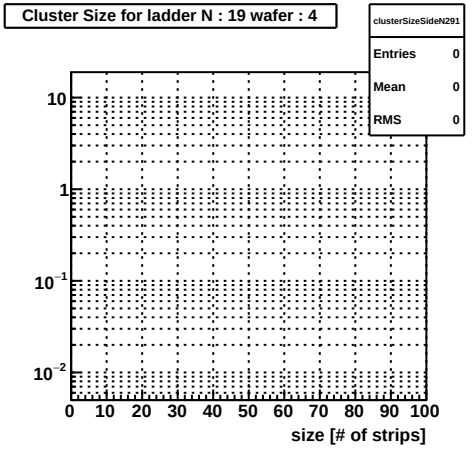

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

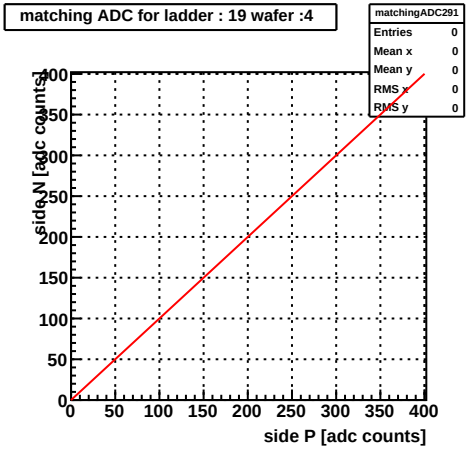

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

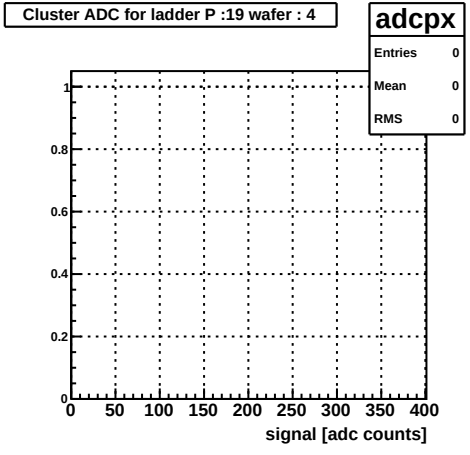

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

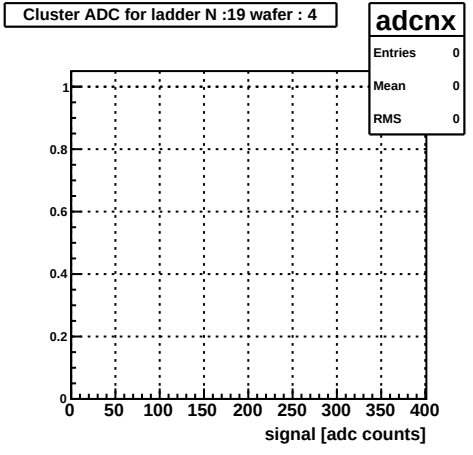

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

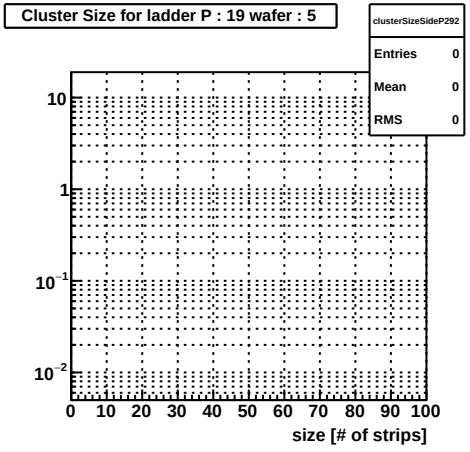

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

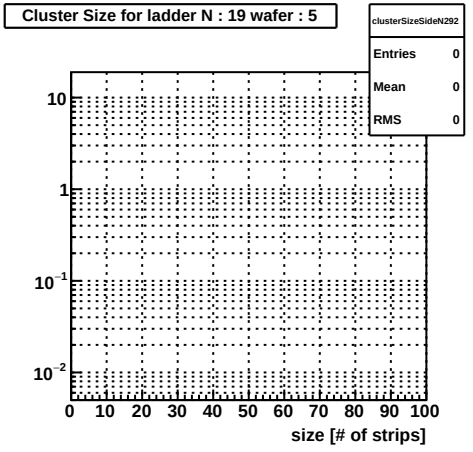

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

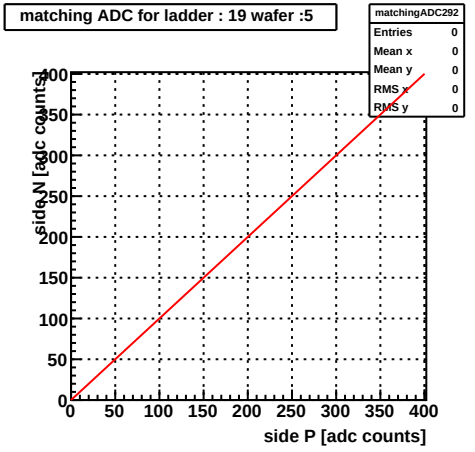

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

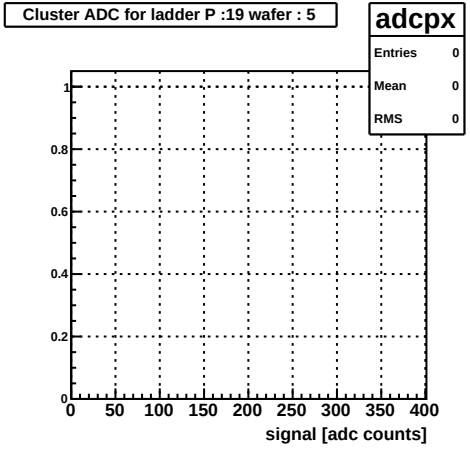

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

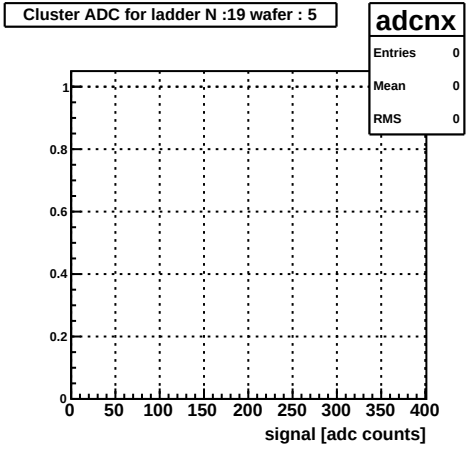

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

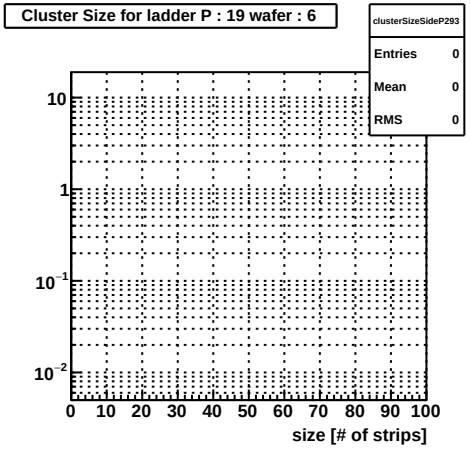

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

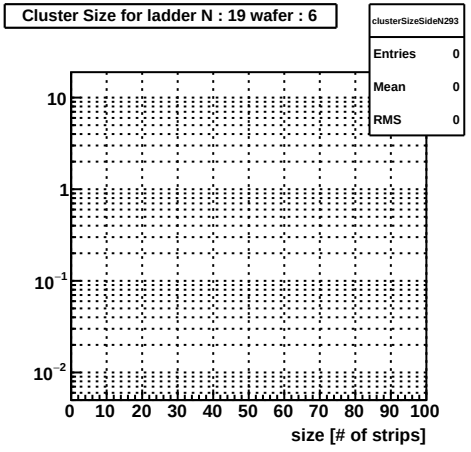

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

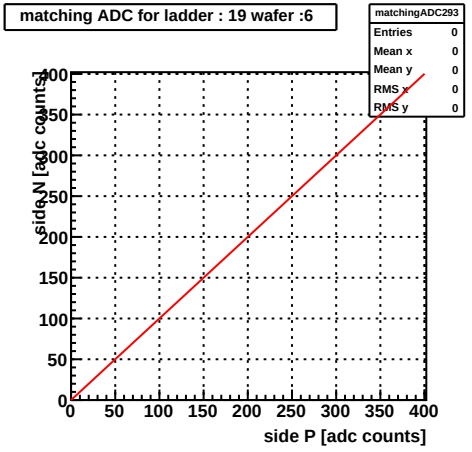

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

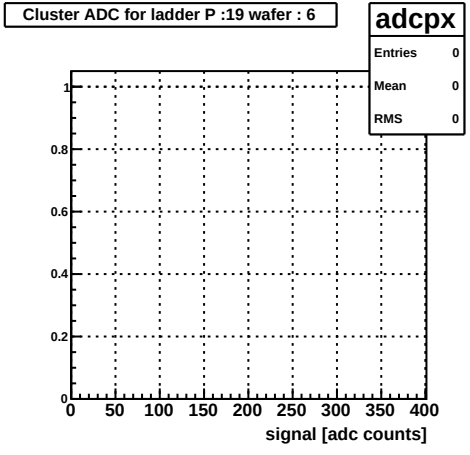

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

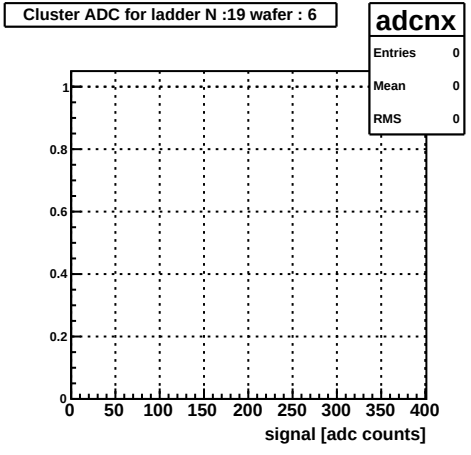

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

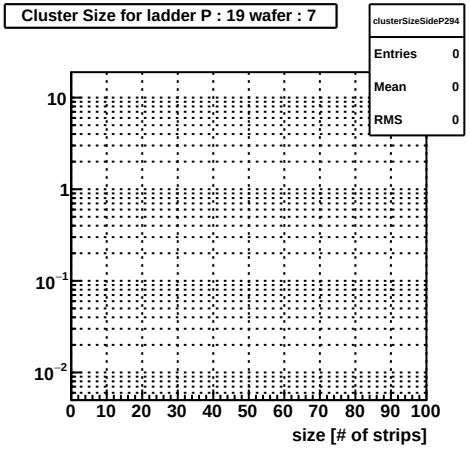

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

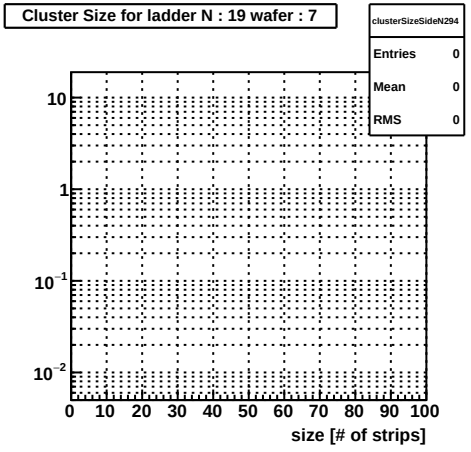

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

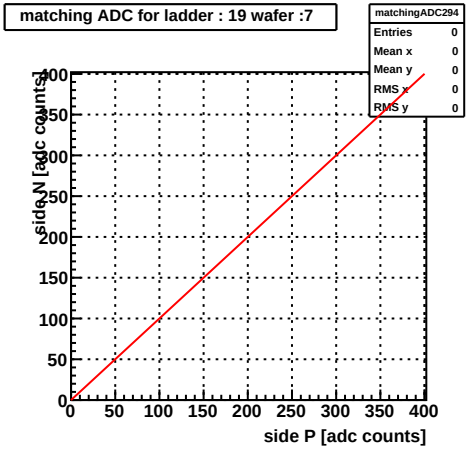

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

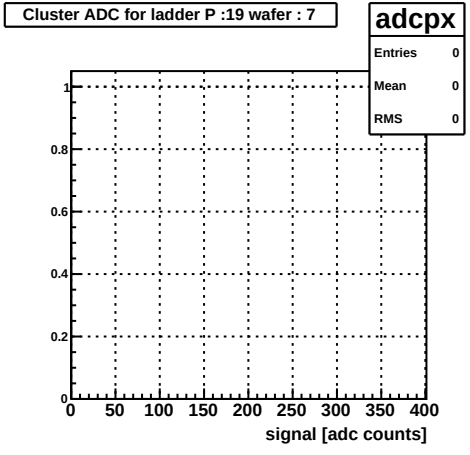

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

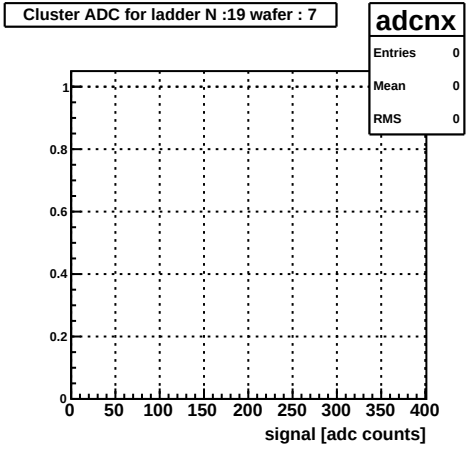

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

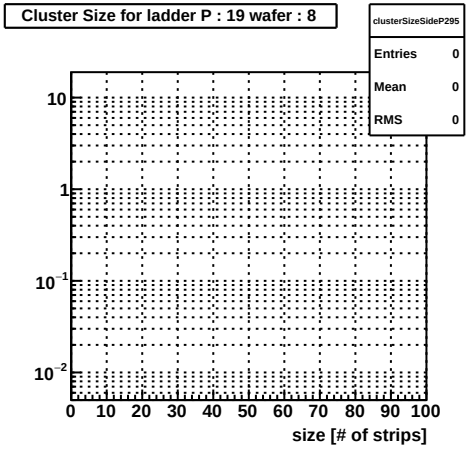

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

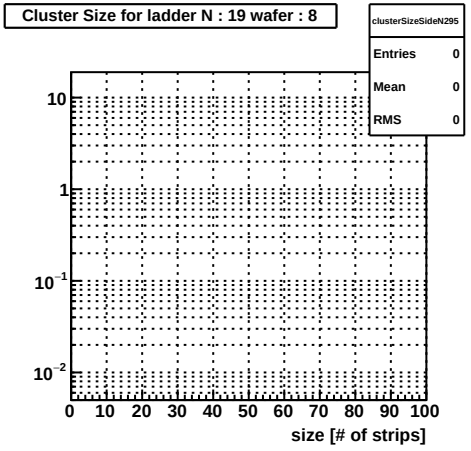

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

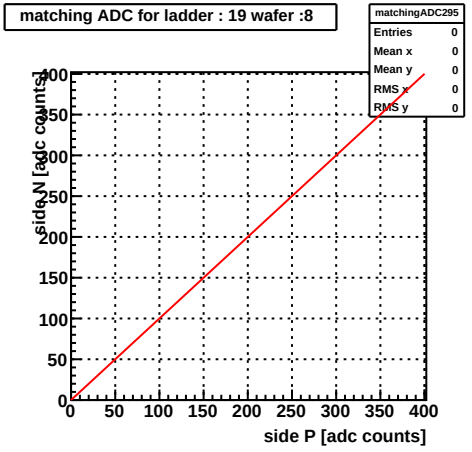

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

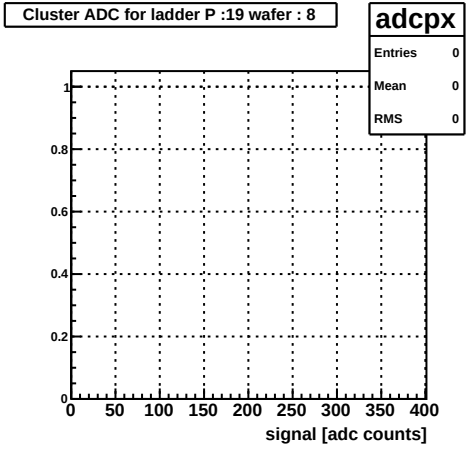

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

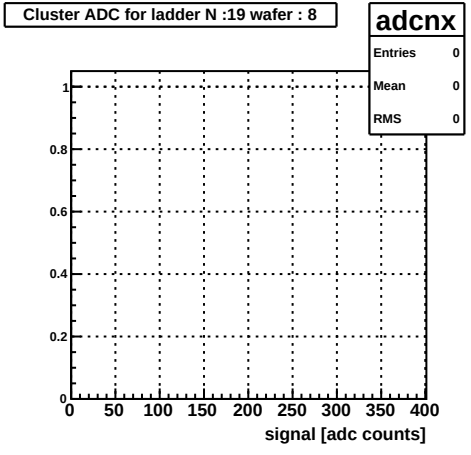

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

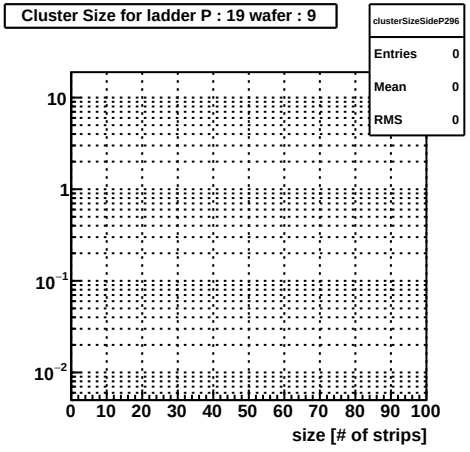

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

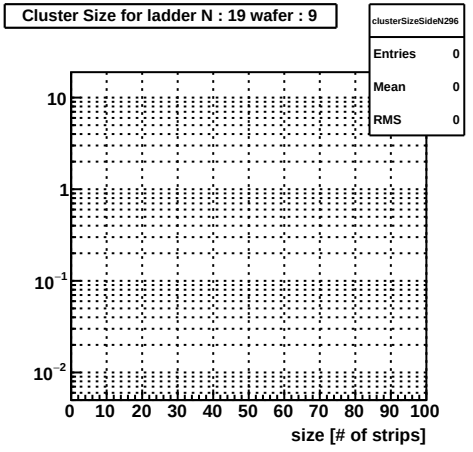

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

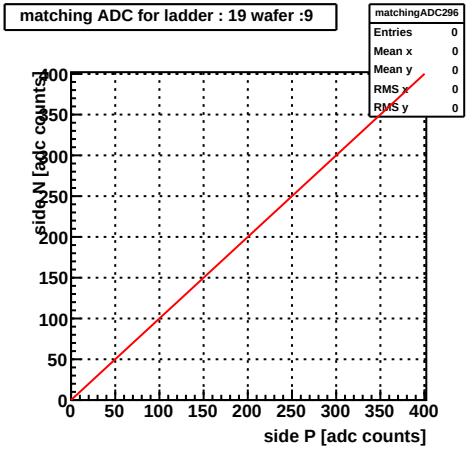

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

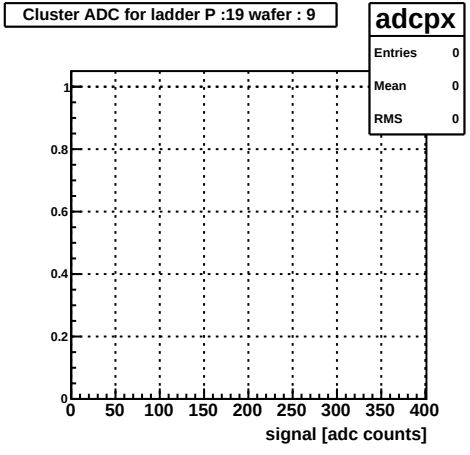

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

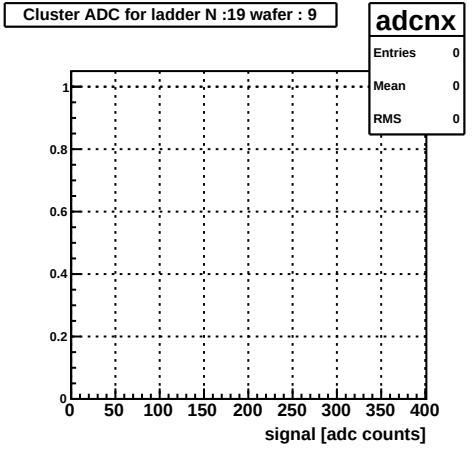

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

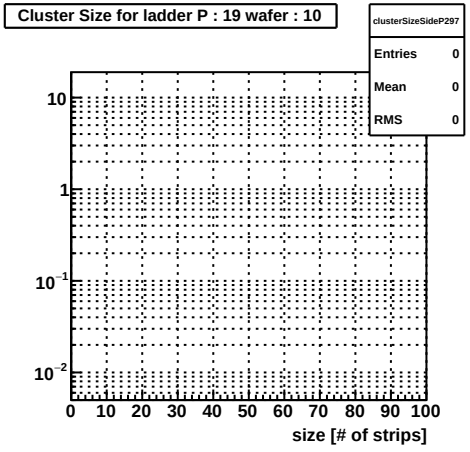

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

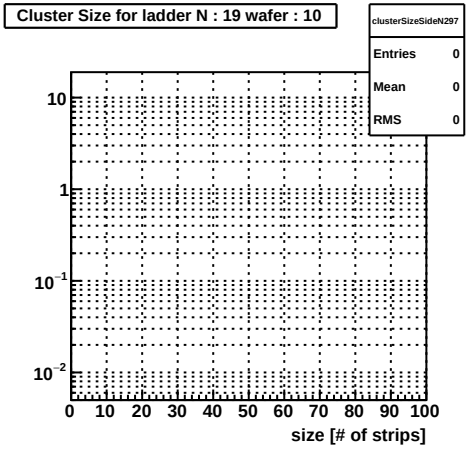

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

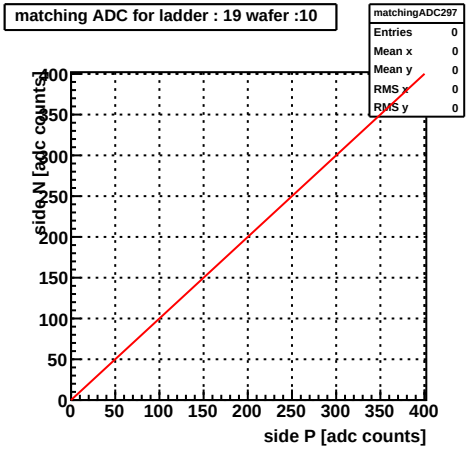

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

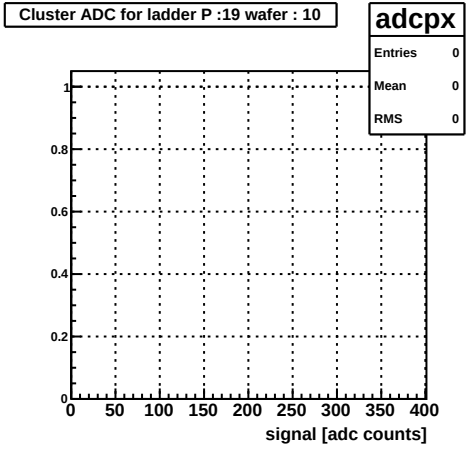

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

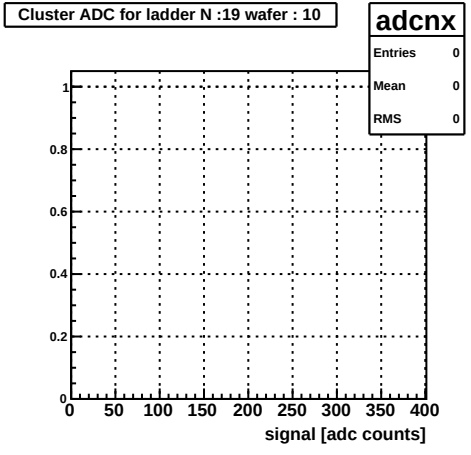

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

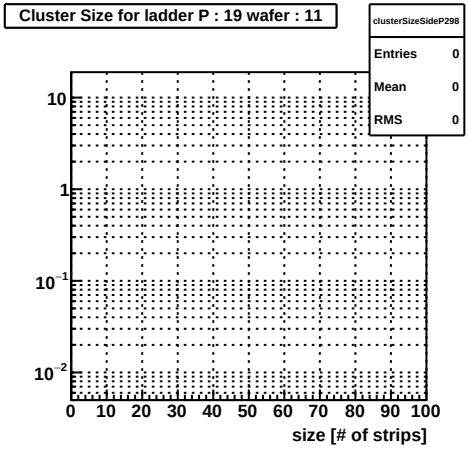

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

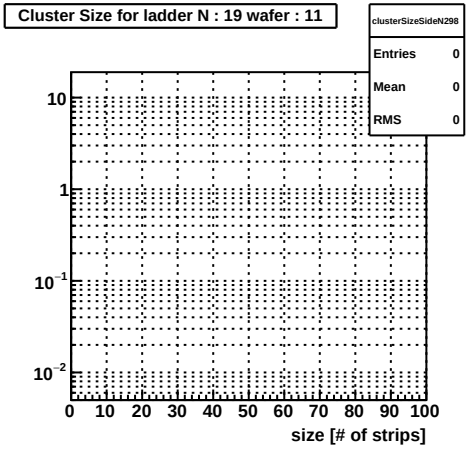

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

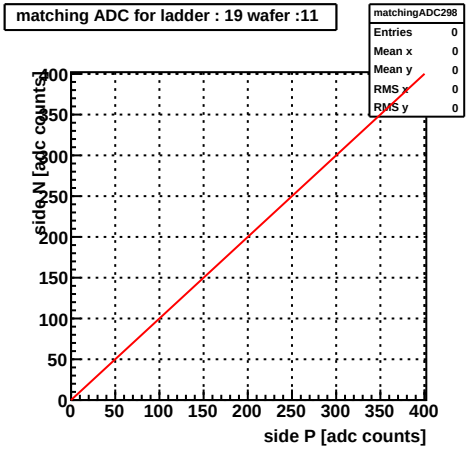

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

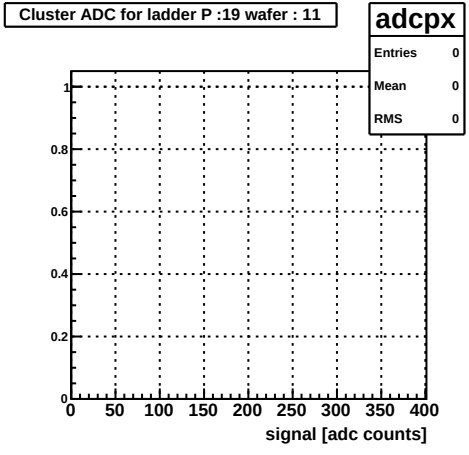

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

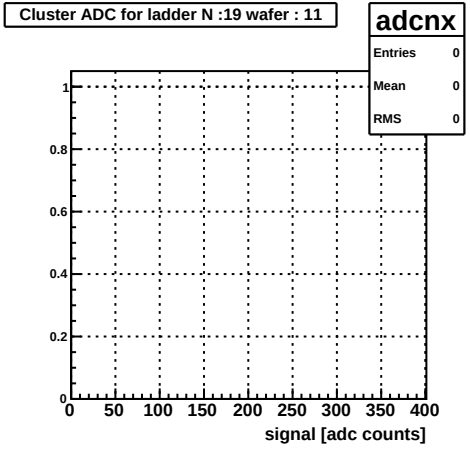

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

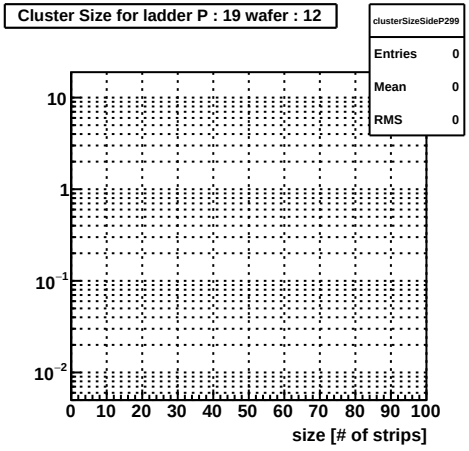

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

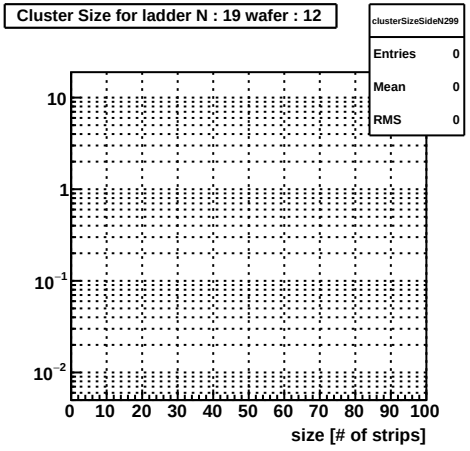

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

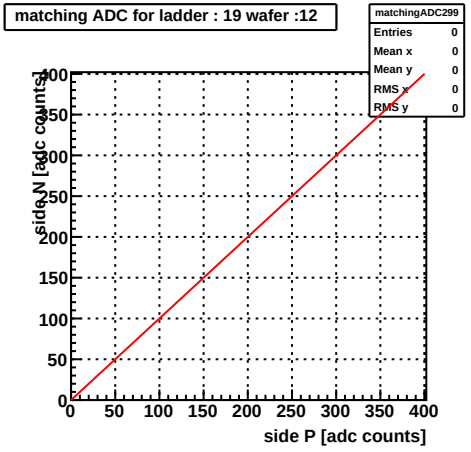

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

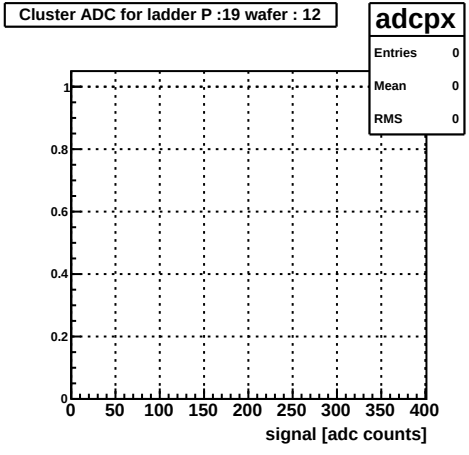

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

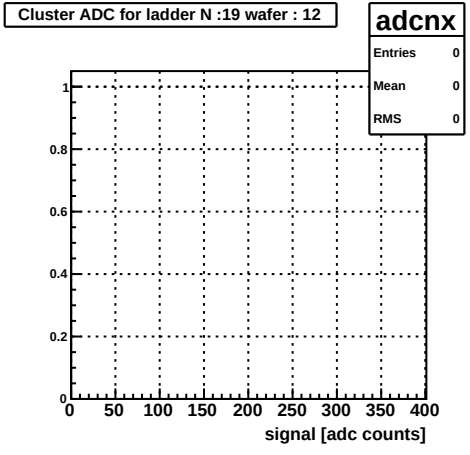

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

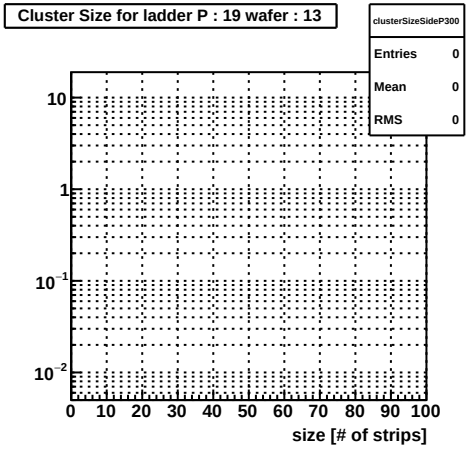

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

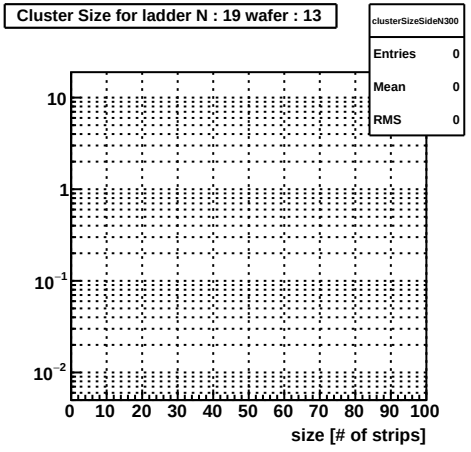

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

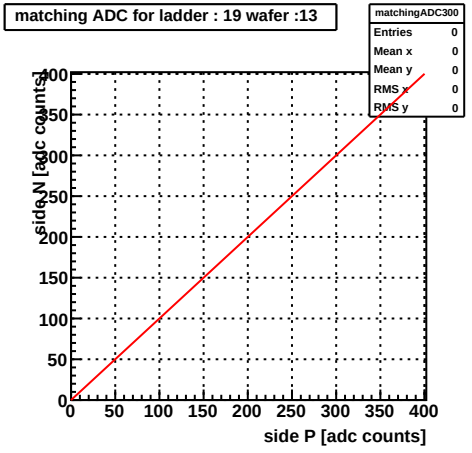

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

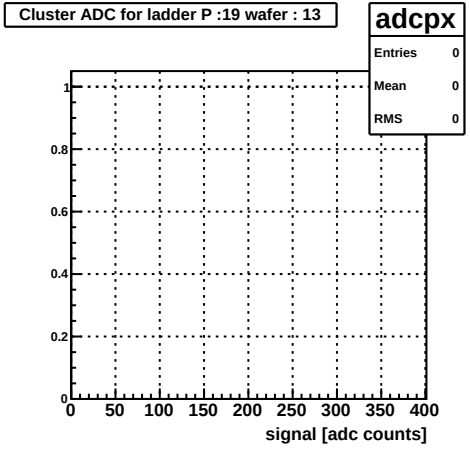

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

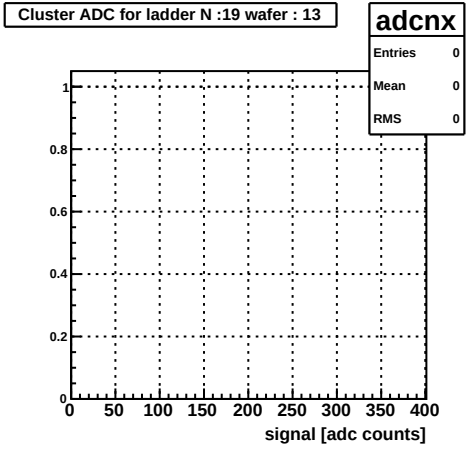

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

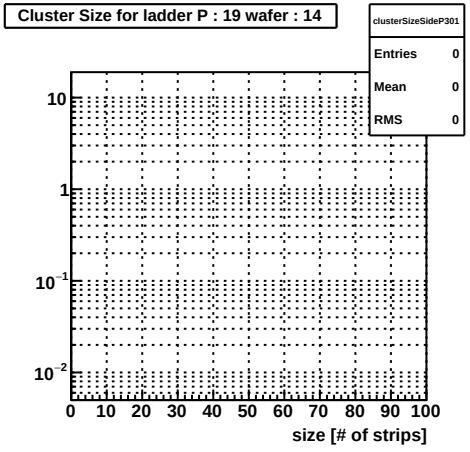

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

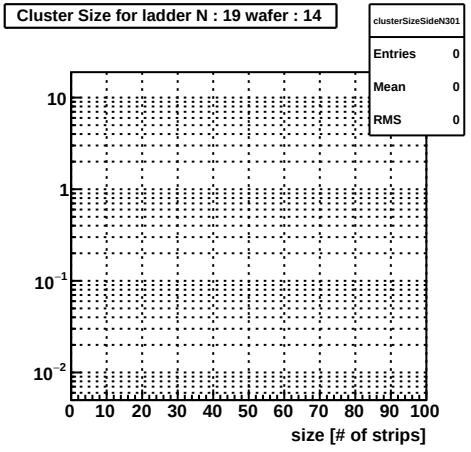

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

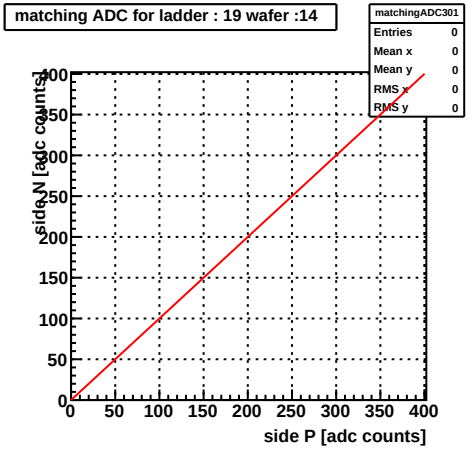

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

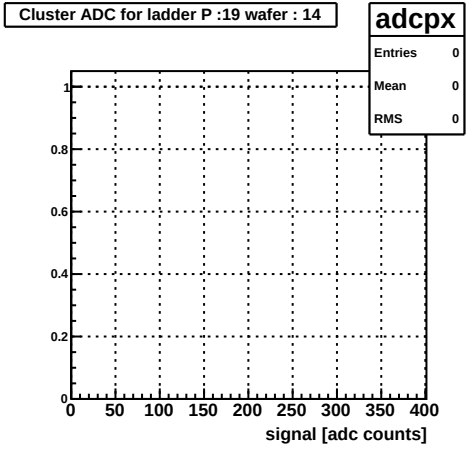

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

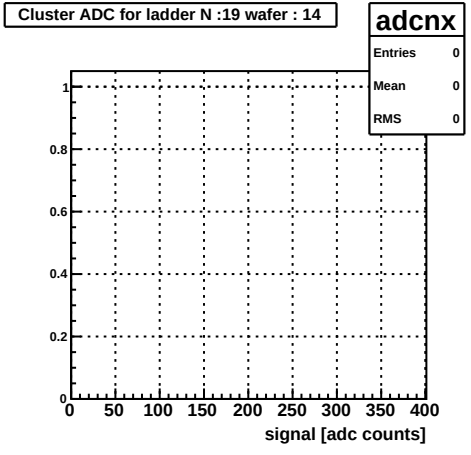

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

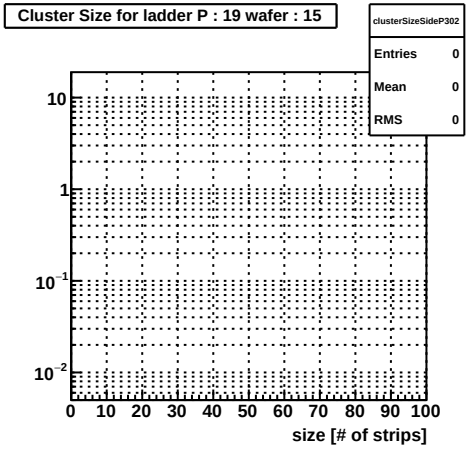

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

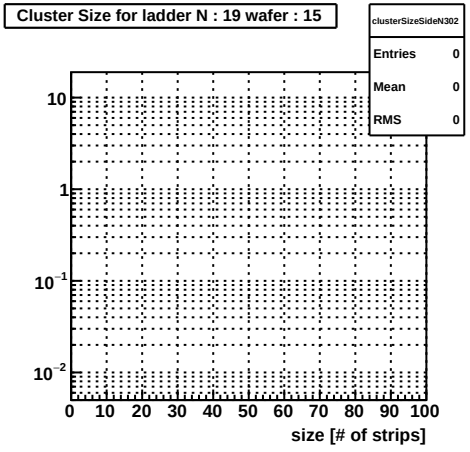

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

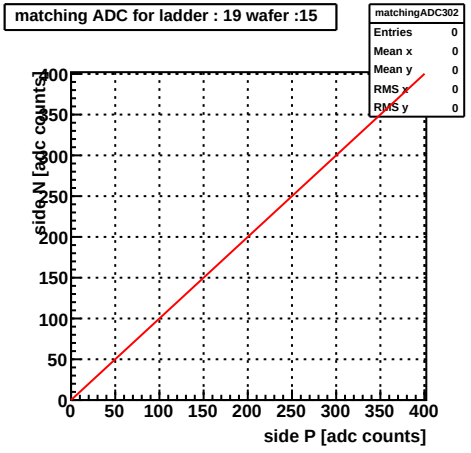

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

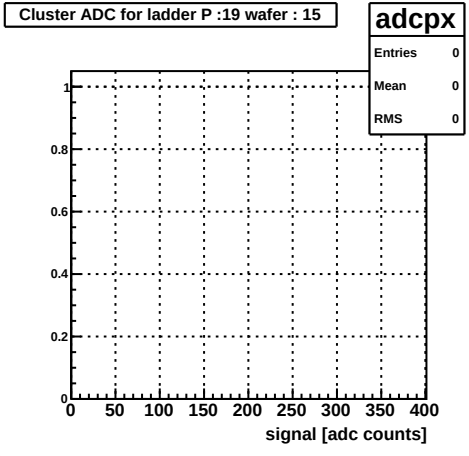

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

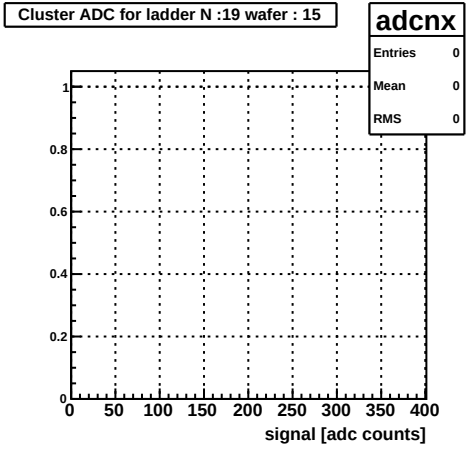

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

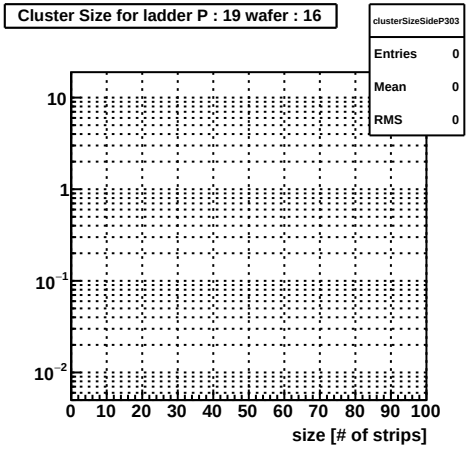

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

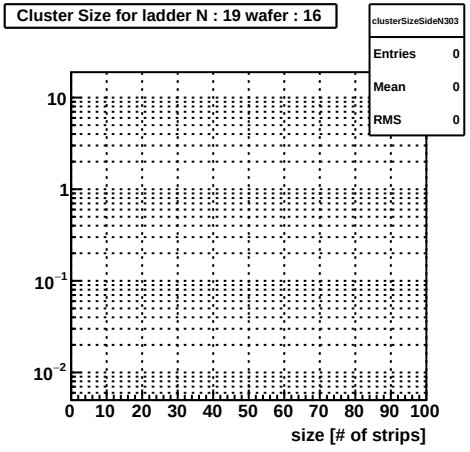

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

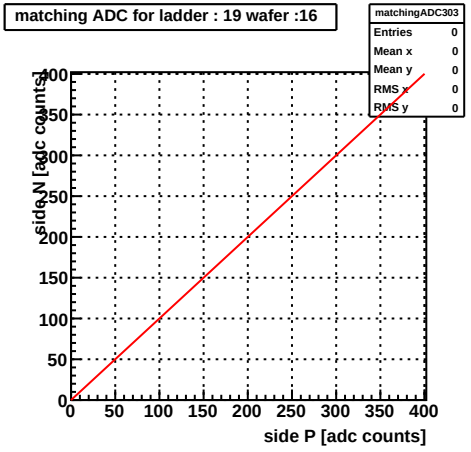

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

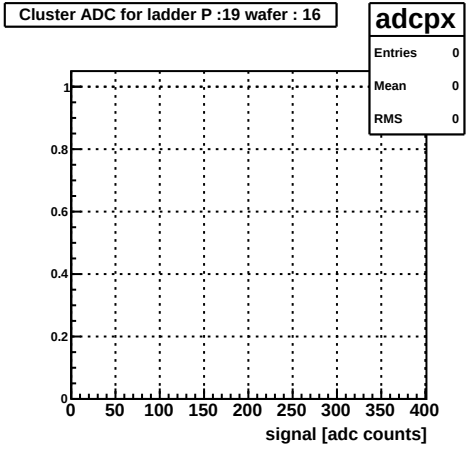

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

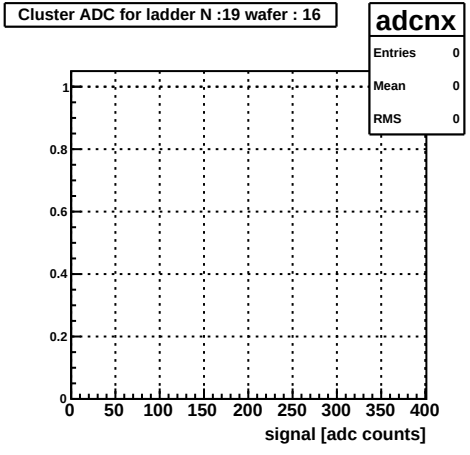

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

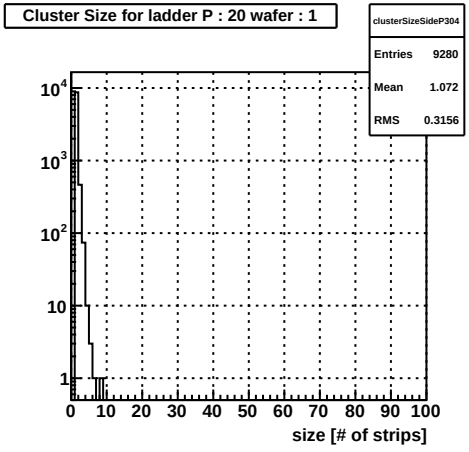

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

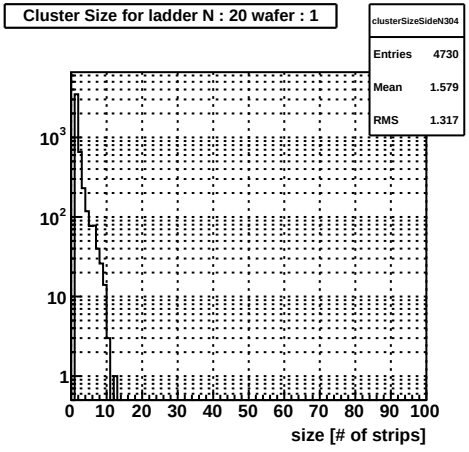

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

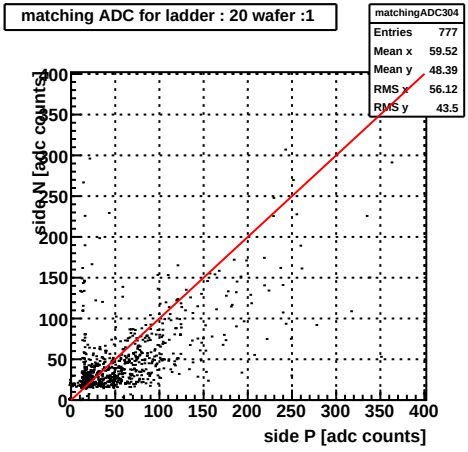

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

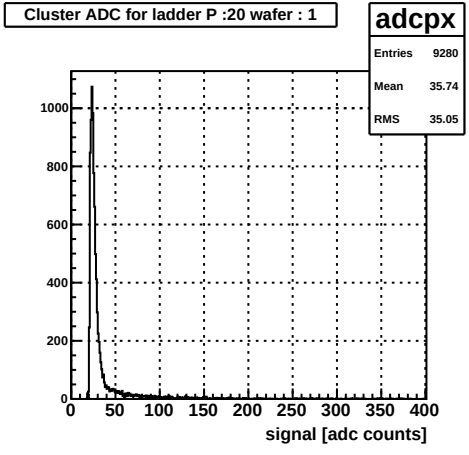

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

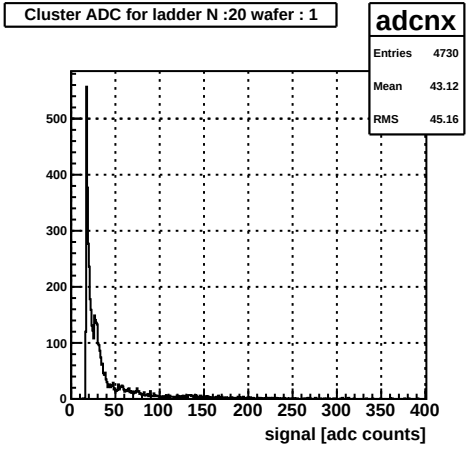

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

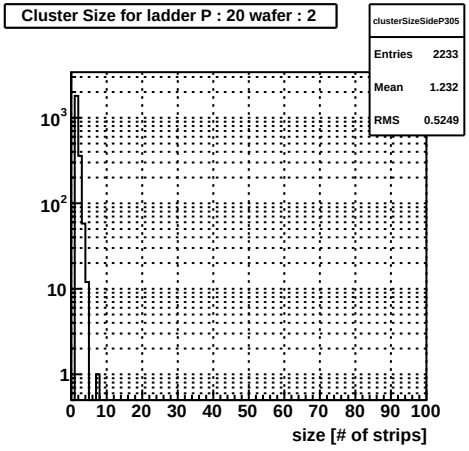

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 9280
Mean 1.072
RMS 0.3156
size [# of strips]

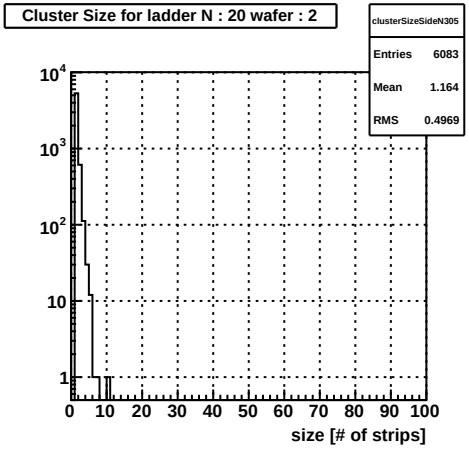

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4730
Mean 1.579
RMS 1.317
size [# of strips]

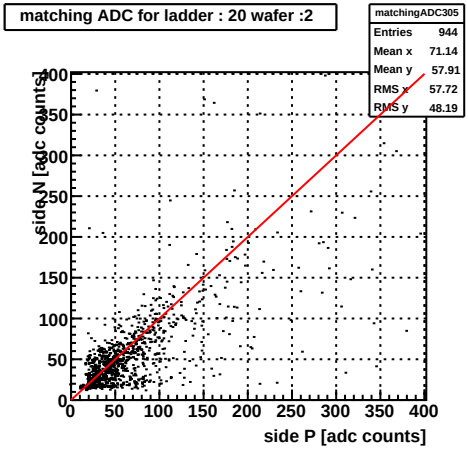

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 777
Mean x 59.52
Mean y 48.39
RMS x 56.12
RMS y 43.5
side N [adc counts]
side P [adc counts]

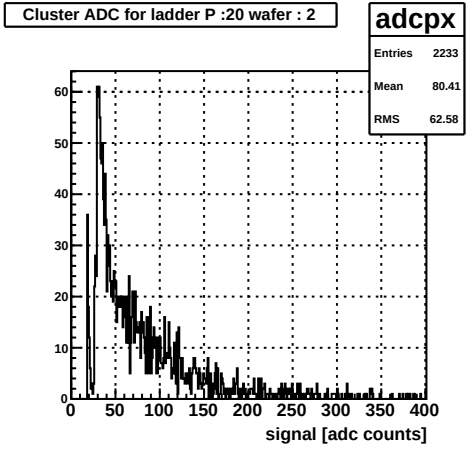

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 9280
Mean 35.74
RMS 35.05
signal [adc counts]

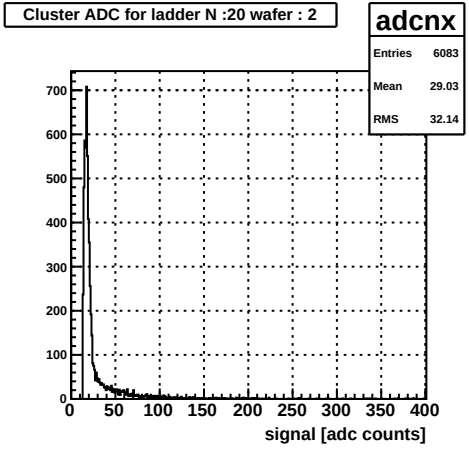

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4730
Mean 43.12
RMS 45.16
signal [adc counts]

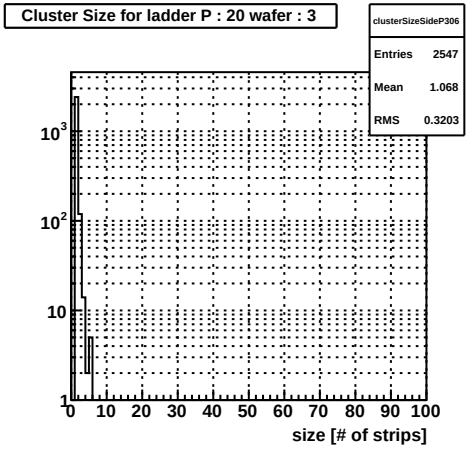

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2233
Mean 1.232
RMS 0.5249
size [# of strips]

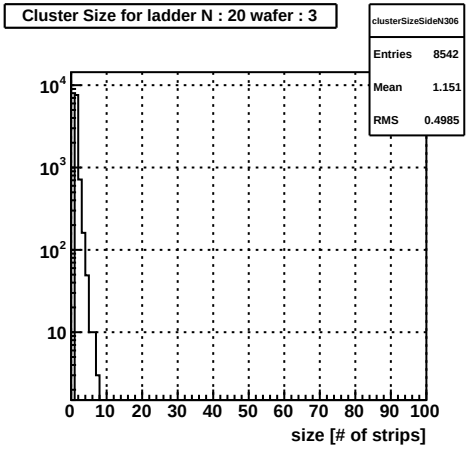

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 6083
Mean 1.164
RMS 0.4969
size [# of strips]

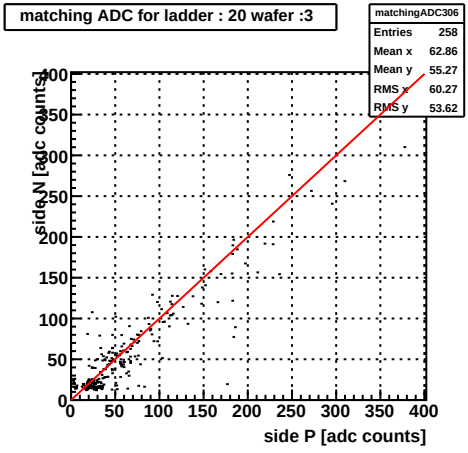

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 944
Mean x 71.14
Mean y 57.91
RMS x 57.72
RMS y 48.19
side N [adc counts]
side P [adc counts]

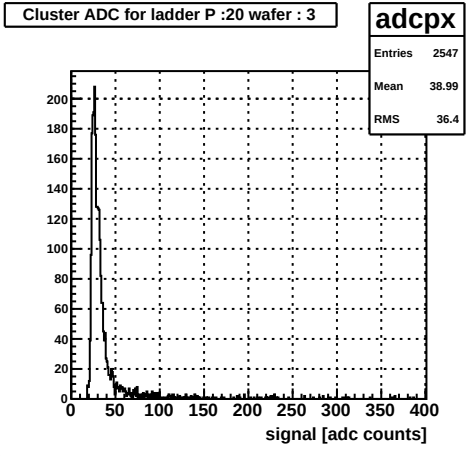

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2233
Mean 80.41
RMS 62.58
signal [adc counts]

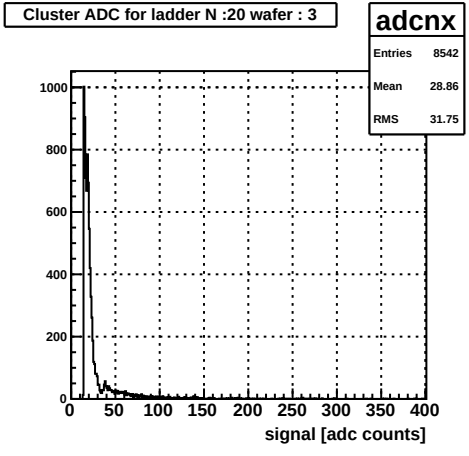

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 6083
Mean 29.03
RMS 32.14
signal [adc counts]

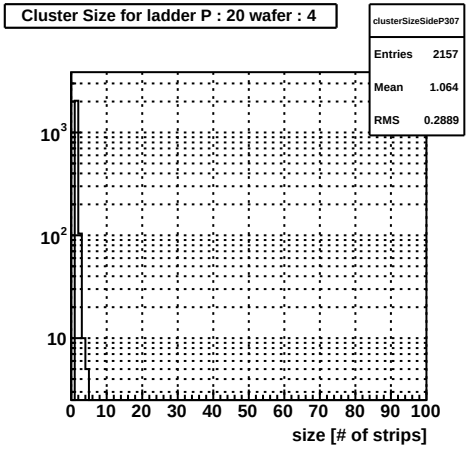

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2547
Mean 1.068
RMS 0.3203
size [# of strips]

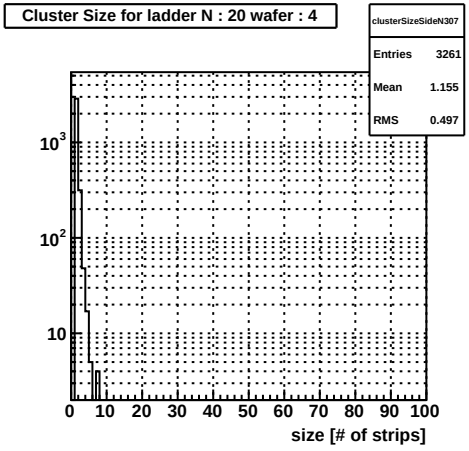

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 8542
Mean 1.151
RMS 0.4985
size [# of strips]

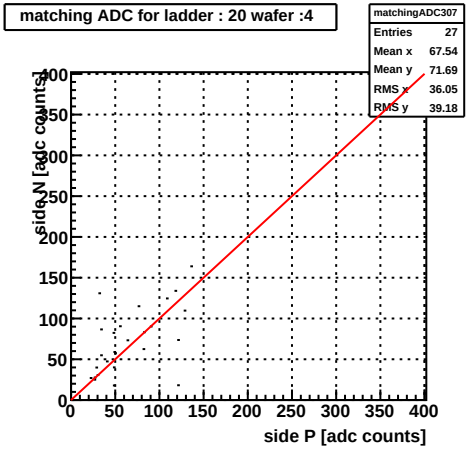

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 258
Mean x 62.86
Mean y 55.27
RMS x 60.27
RMS y 53.62
side N [adc counts]
side P [adc counts]

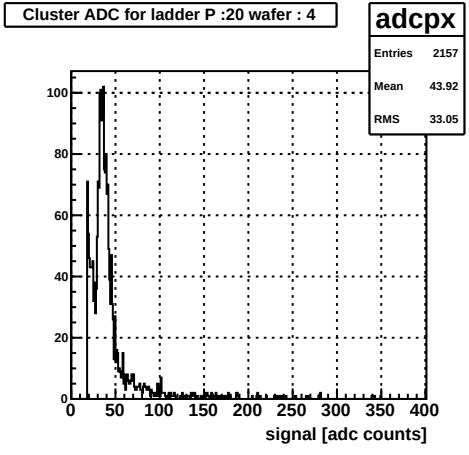

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2547
Mean 38.99
RMS 36.4
signal [adc counts]

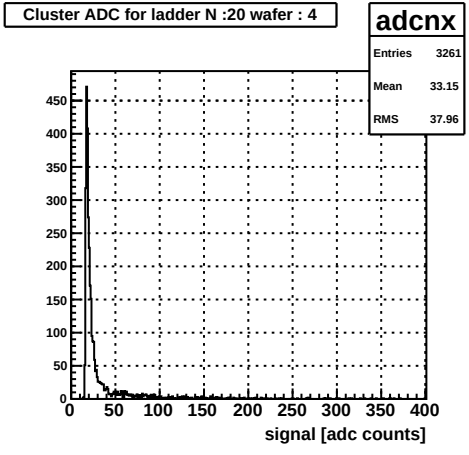

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 8542
Mean 28.86
RMS 31.75
signal [adc counts]

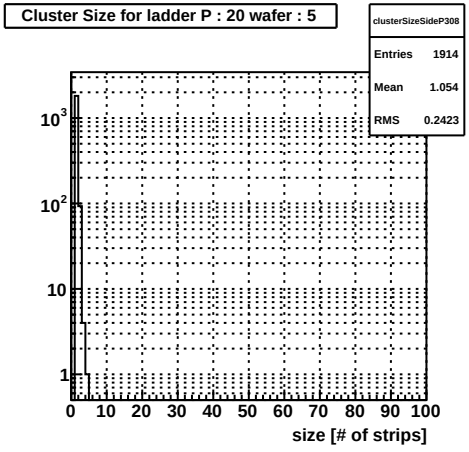

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2157
Mean 1.064
RMS 0.2889
size [# of strips]

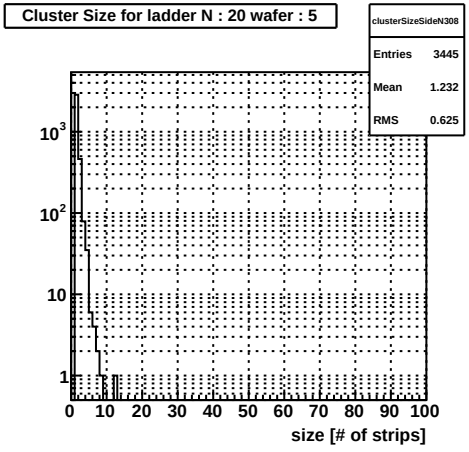

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3261
Mean 1.155
RMS 0.497
size [# of strips]

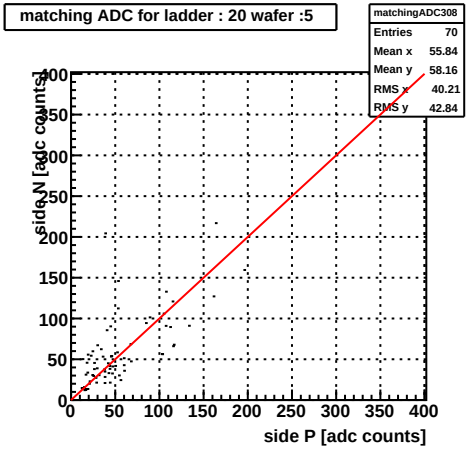

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 27
Mean x 67.54
Mean y 71.69
RMS x 36.05
RMS y 39.18
side N [adc counts]
side P [adc counts]

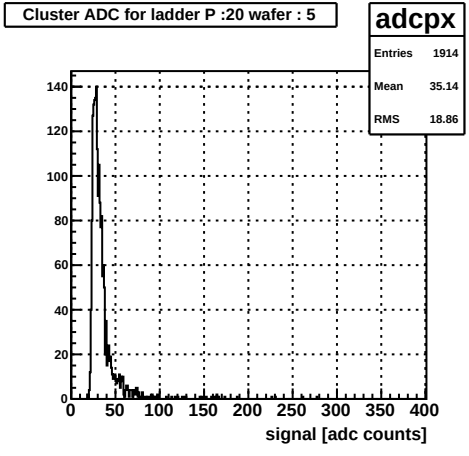

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2157
Mean 43.92
RMS 33.05
signal [adc counts]

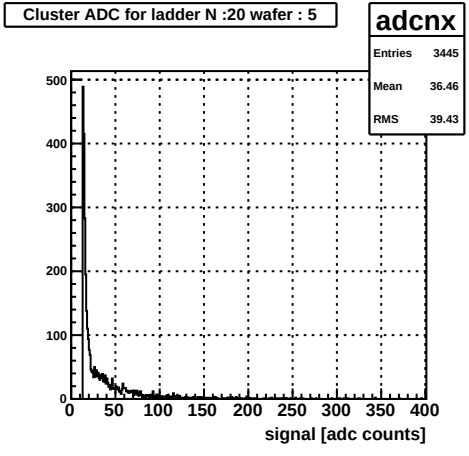

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3261
Mean 33.15
RMS 37.96
signal [adc counts]

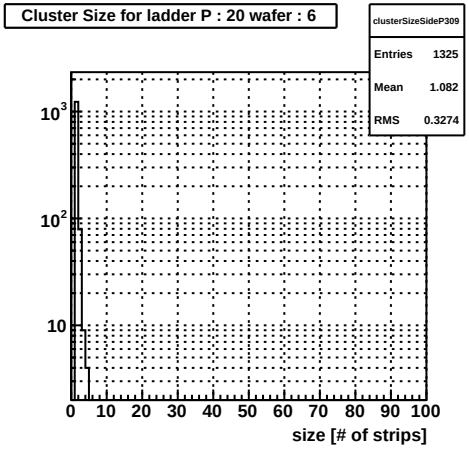

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1914
Mean 1.054
RMS 0.2423
size [# of strips]

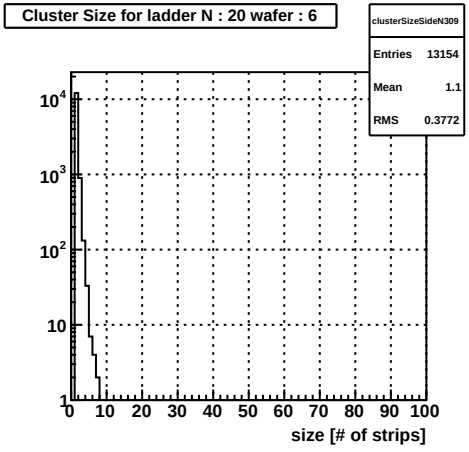

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 3445
Mean 1.232
RMS 0.625
size [# of strips]

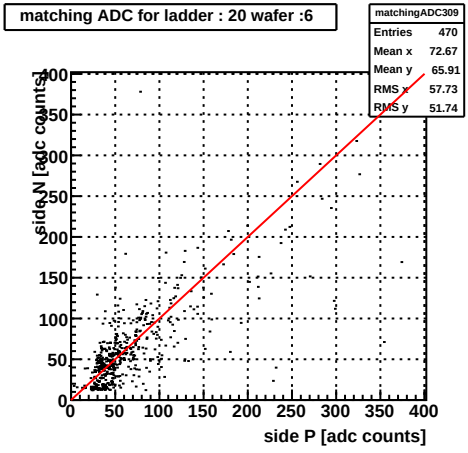

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 70
Mean x 55.84
Mean y 58.16
RMS x 40.21
RMS y 42.84
side N [adc counts]
side P [adc counts]

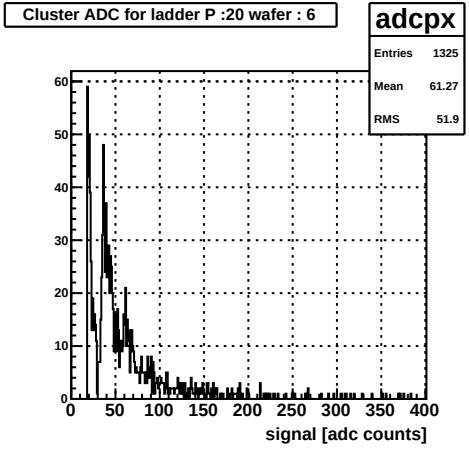

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1914
Mean 35.14
RMS 18.86
signal [adc counts]

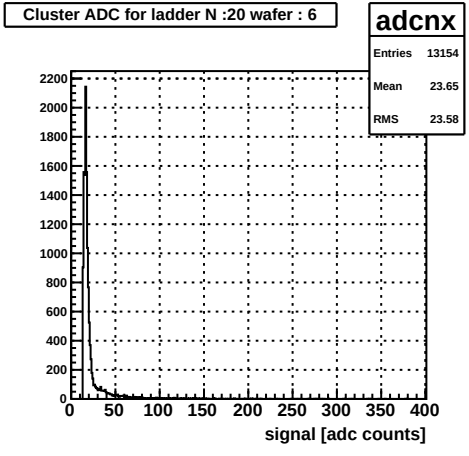

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 3445
Mean 36.46
RMS 39.43
signal [adc counts]

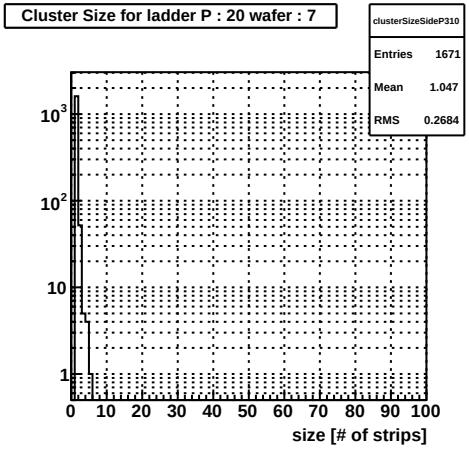

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1325
Mean 1.082
RMS 0.3274
size [# of strips]

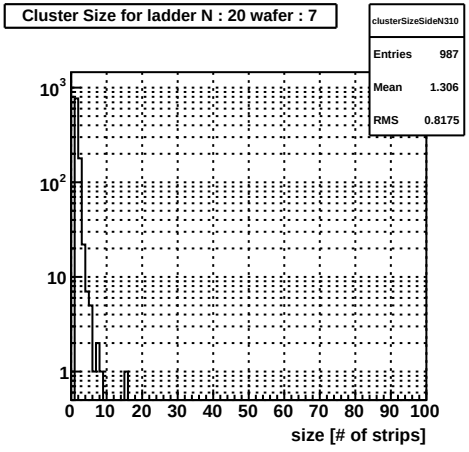

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 13154
Mean 1.1
RMS 0.3772
size [# of strips]

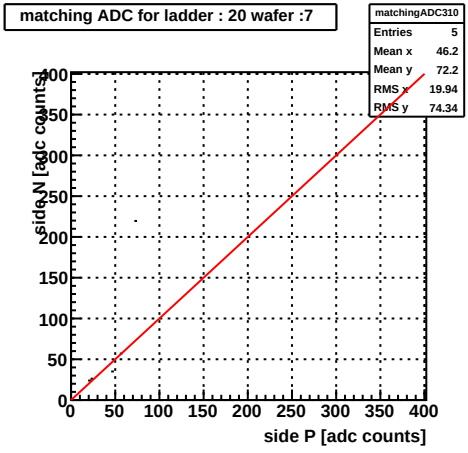

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 470
Mean x 72.67
Mean y 65.91
RMS x 57.73
RMS y 51.74
side N [adc counts]
side P [adc counts]

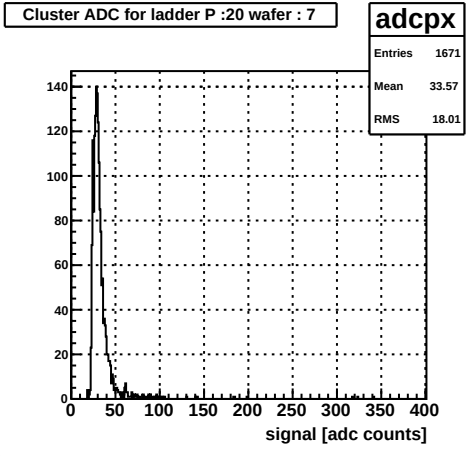

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1325
Mean 61.27
RMS 51.9
signal [adc counts]

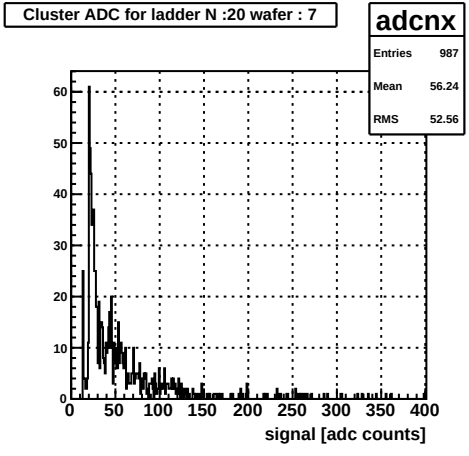

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 13154
Mean 23.65
RMS 23.58
signal [adc counts]

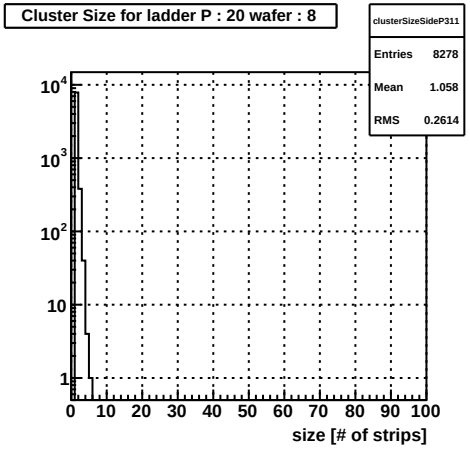

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1671
Mean 1.047
RMS 0.2684
size [# of strips]

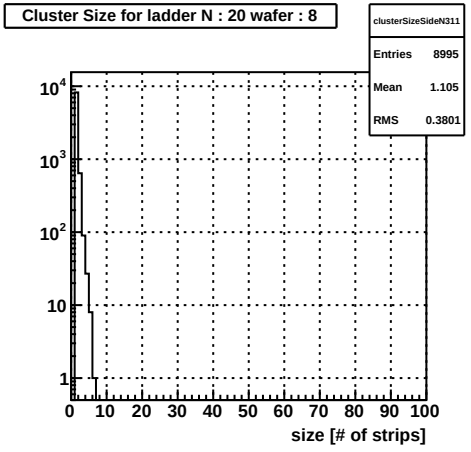

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 987
Mean 1.306
RMS 0.8175
size [# of strips]

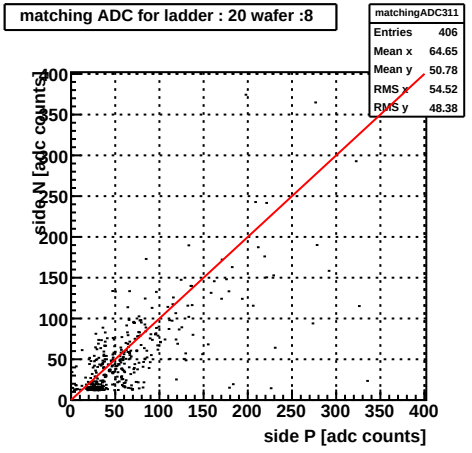

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 5
Mean x 46.2
Mean y 72.2
RMS x 19.94
RMS y 74.34
side N [adc counts]
side P [adc counts]

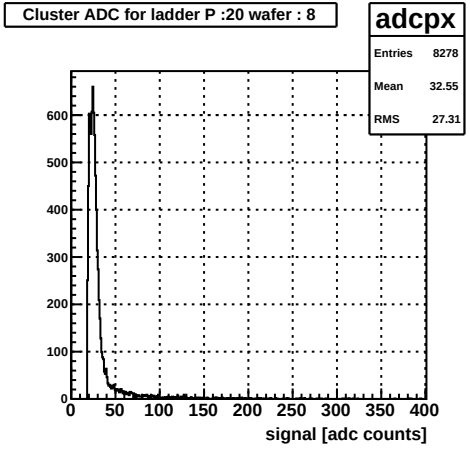

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1671
Mean 33.57
RMS 18.01
signal [adc counts]

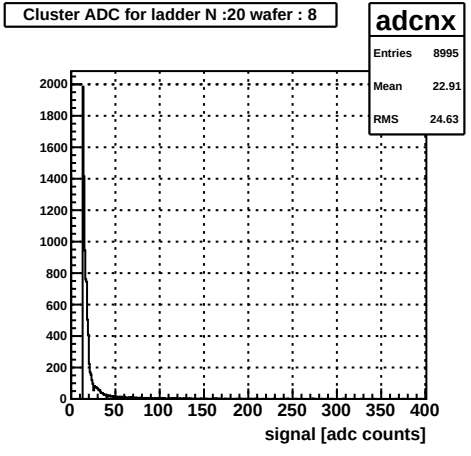

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 987
Mean 56.24
RMS 52.56
signal [adc counts]

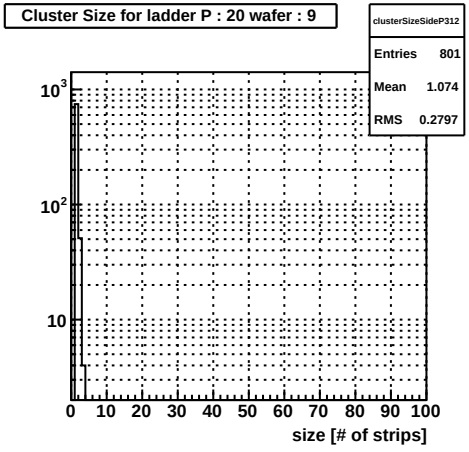

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8278
Mean 1.058
RMS 0.2614
size [# of strips]

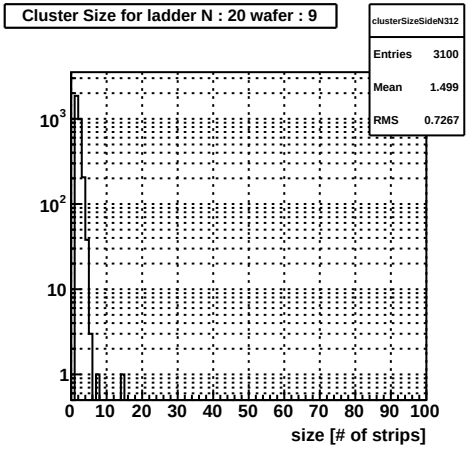

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8995
Mean 1.105
RMS 0.3801
size [# of strips]

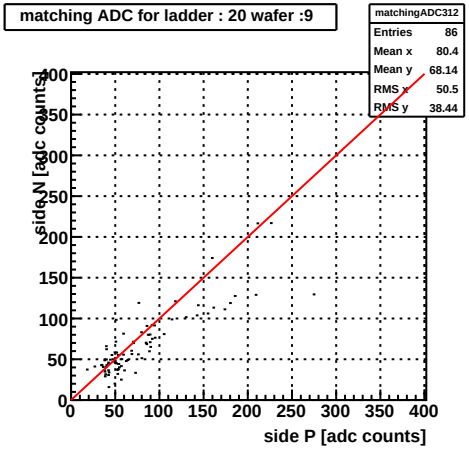

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 406
Mean x 64.65
Mean y 50.78
RMS x 54.52
RMS y 48.38
side N [adc counts]
side P [adc counts]

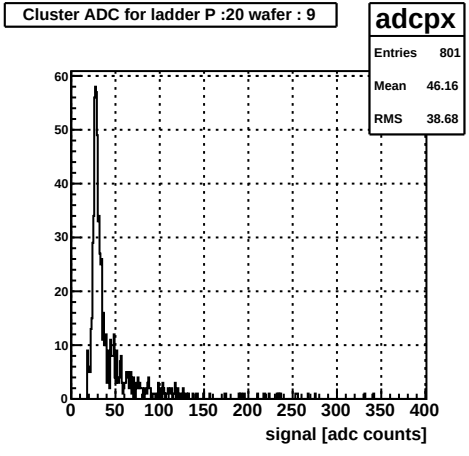

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8278
Mean 32.55
RMS 27.31
signal [adc counts]

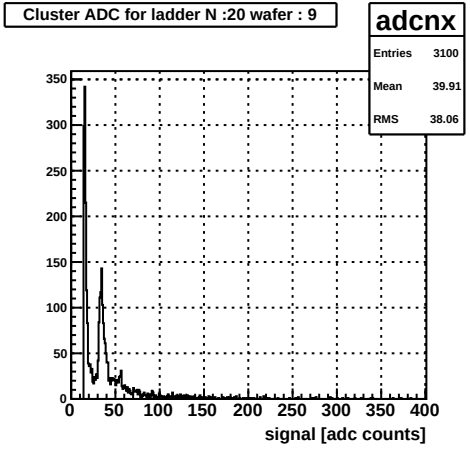

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8995
Mean 22.91
RMS 24.63
signal [adc counts]

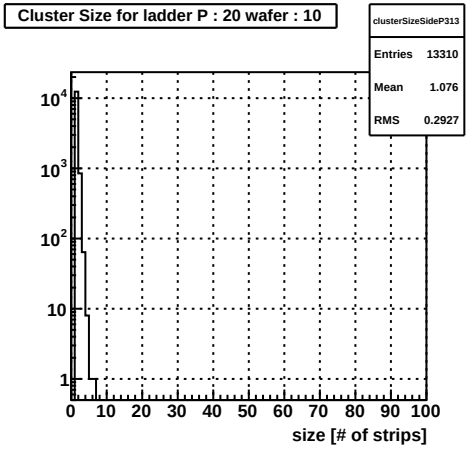

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 801
Mean 1.074
RMS 0.2797
size [# of strips]

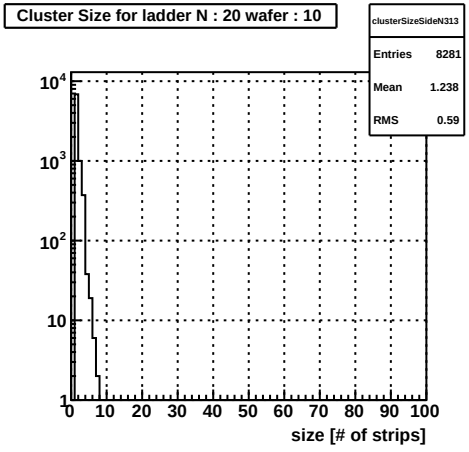

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3100
Mean 1.499
RMS 0.7267
size [# of strips]

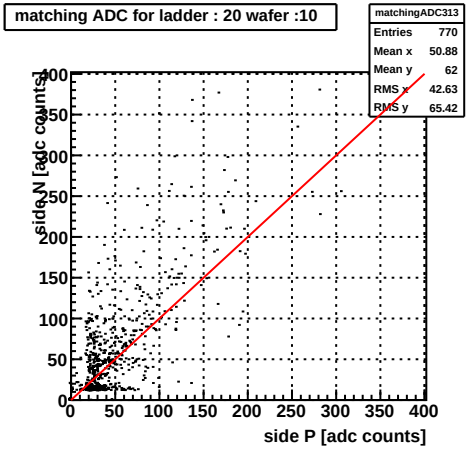

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 86
Mean x 80.4
Mean y 68.14
RMS x 50.5
RMS y 38.44
side N [adc counts]
side P [adc counts]

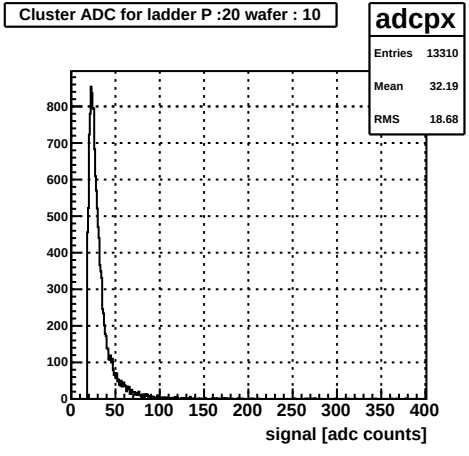

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 801
Mean 46.16
RMS 38.68
signal [adc counts]

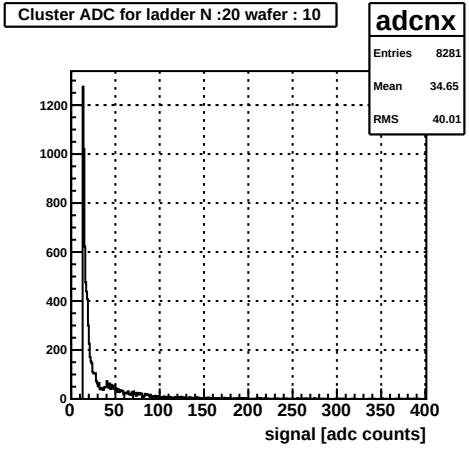

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3100
Mean 39.91
RMS 38.06
signal [adc counts]

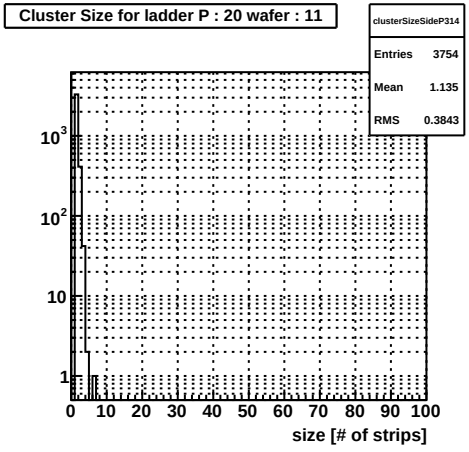

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13310
Mean 1.076
RMS 0.2927
size [# of strips]

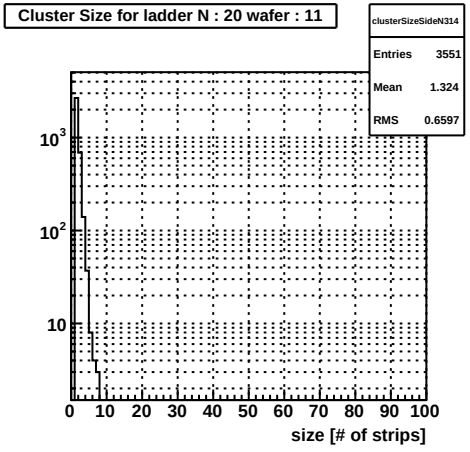

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8281
Mean 1.238
RMS 0.59
size [# of strips]

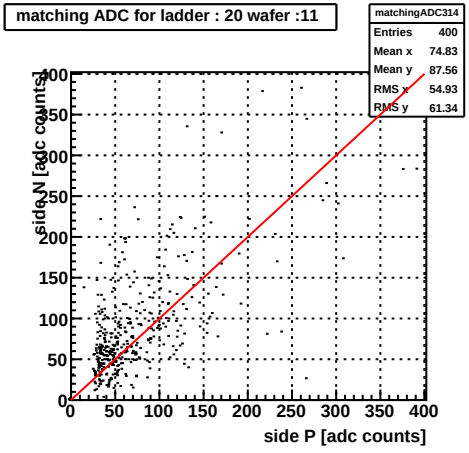

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 770
Mean x 50.88
Mean y 62
RMS x 42.63
RMS y 65.42
side N [adc counts]
side P [adc counts]

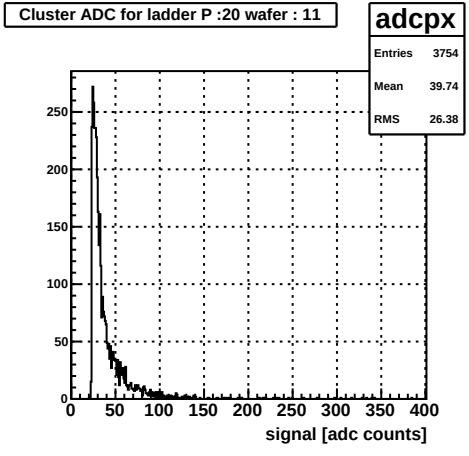

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13310
Mean 32.19
RMS 18.68
signal [adc counts]

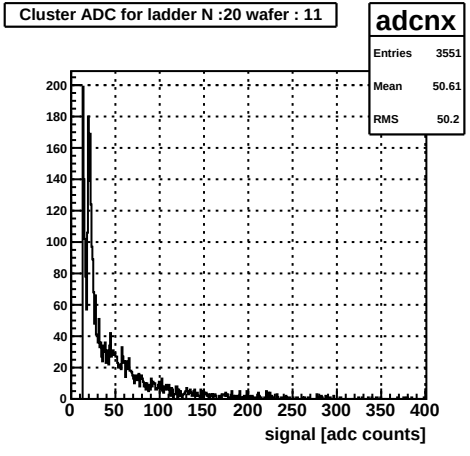

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8281
Mean 34.65
RMS 40.01
signal [adc counts]

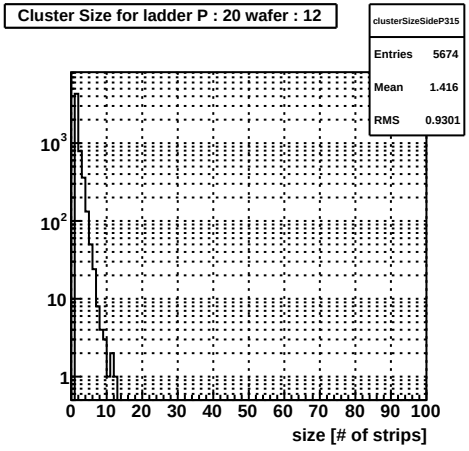

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3754
Mean 1.135
RMS 0.3843
size [# of strips]

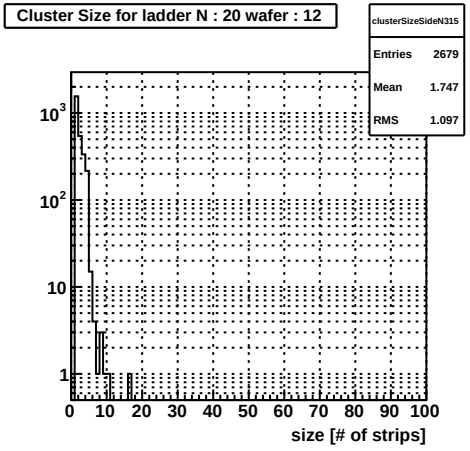

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3551
Mean 1.324
RMS 0.6597
size [# of strips]

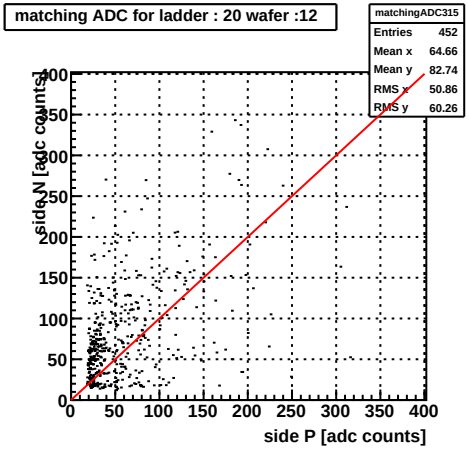

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 400
Mean x 74.83
Mean y 87.56
RMS x 54.93
RMS y 61.34
side N [adc counts]
side P [adc counts]

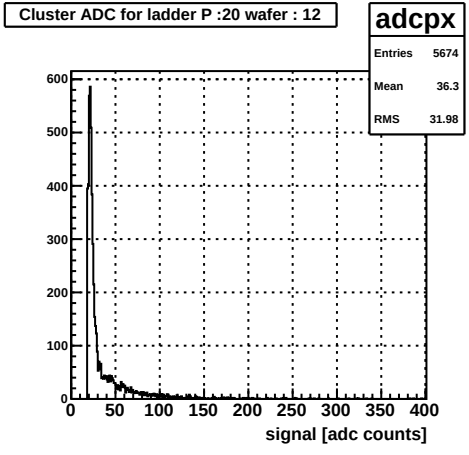

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3754
Mean 39.74
RMS 26.38
signal [adc counts]

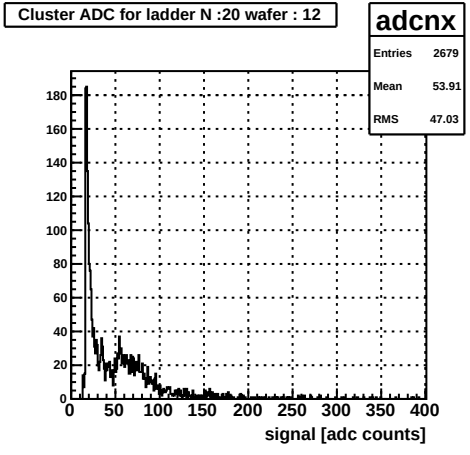

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3551
Mean 50.61
RMS 50.2
signal [adc counts]

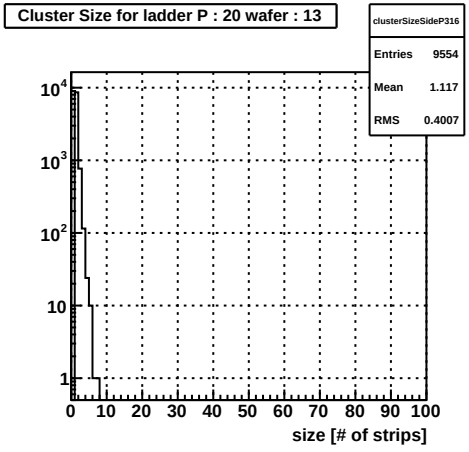

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5674
Mean 1.416
RMS 0.9301
size [# of strips]

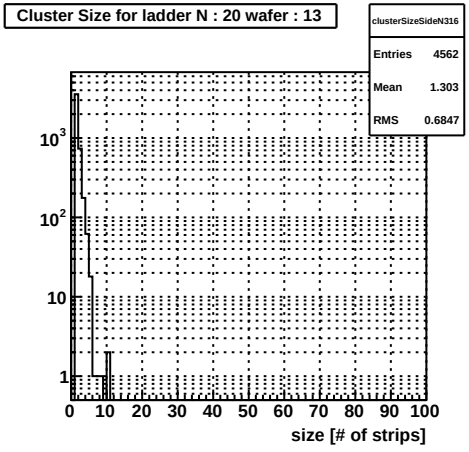

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2679
Mean 1.747
RMS 1.097
size [# of strips]

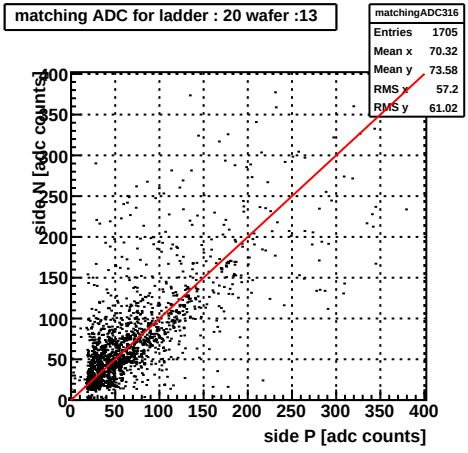

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 452
Mean x 64.66
Mean y 82.74
RMS x 50.86
RMS y 60.26
side N [adc counts]
side P [adc counts]

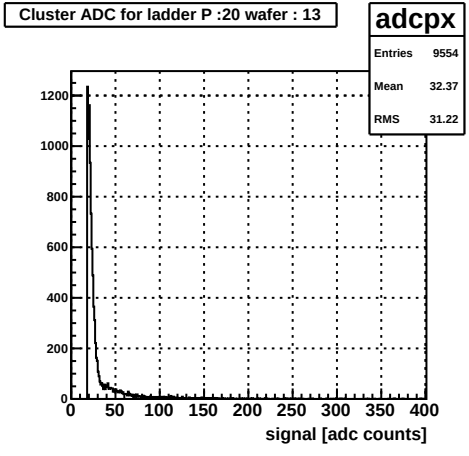

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5674
Mean 36.3
RMS 31.98
signal [adc counts]

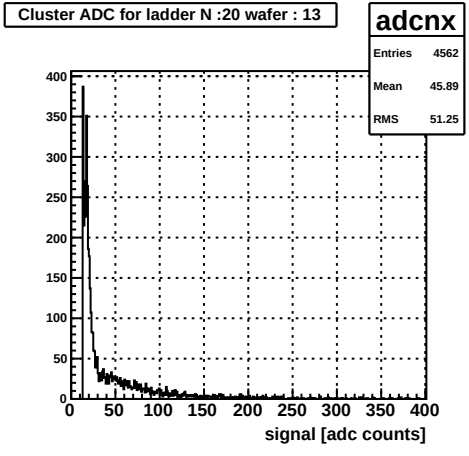

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2679
Mean 53.91
RMS 47.03
signal [adc counts]

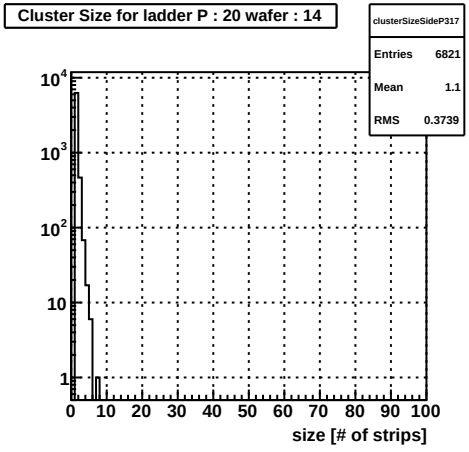

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9554
Mean 1.117
RMS 0.4007
size [# of strips]

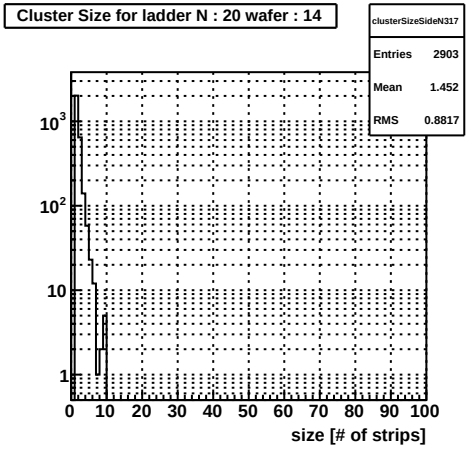

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4562
Mean 1.303
RMS 0.6847
size [# of strips]

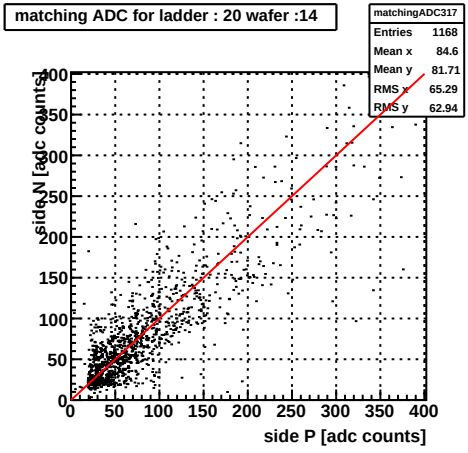

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1705
Mean x 70.32
Mean y 73.58
RMS x 57.2
RMS y 61.02
side N [adc counts]
side P [adc counts]

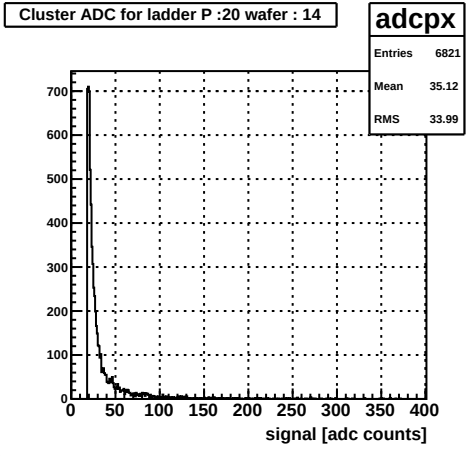

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9554
Mean 32.37
RMS 31.22
signal [adc counts]

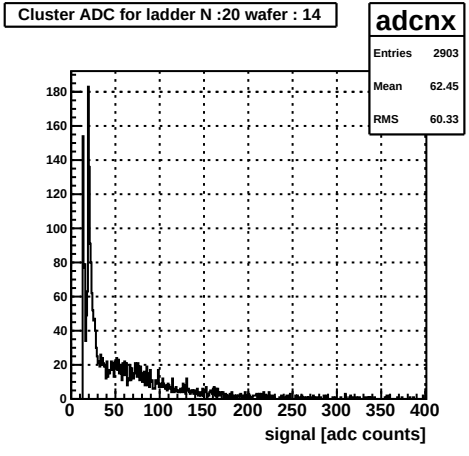

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4562
Mean 45.89
RMS 51.25
signal [adc counts]

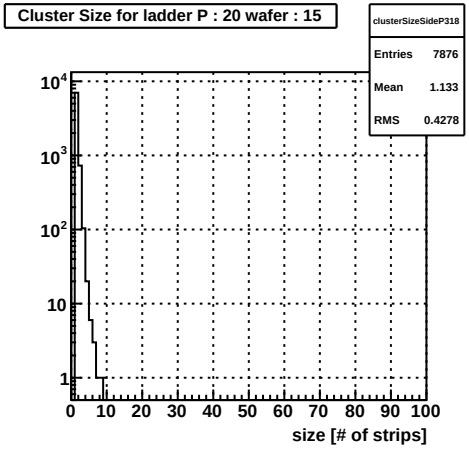

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 6821
Mean 1.1
RMS 0.3739
size [# of strips]

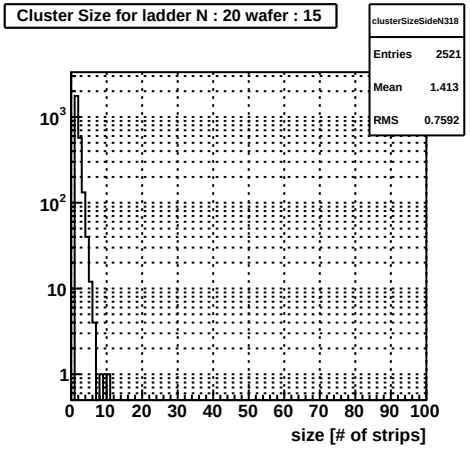

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2903
Mean 1.452
RMS 0.8817
size [# of strips]

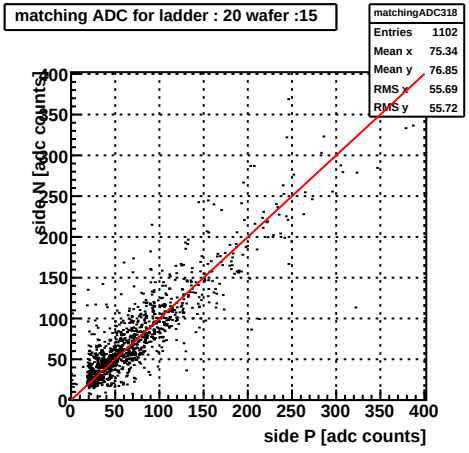

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1168
Mean x 84.6
Mean y 81.71
RMS x 65.29
RMS y 62.94
side N [adc counts]
side P [adc counts]

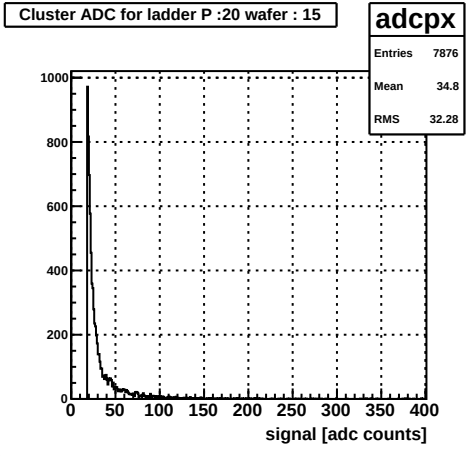

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 6821
Mean 35.12
RMS 33.99
signal [adc counts]

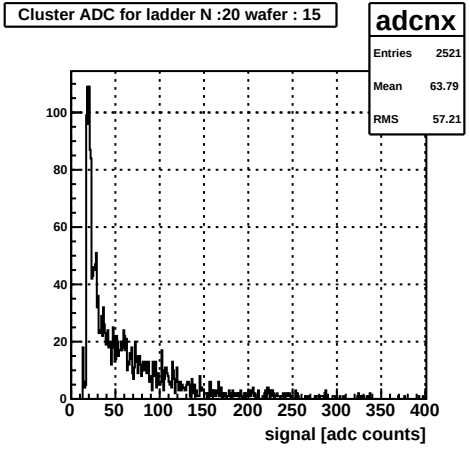

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2903
Mean 62.45
RMS 60.33
signal [adc counts]

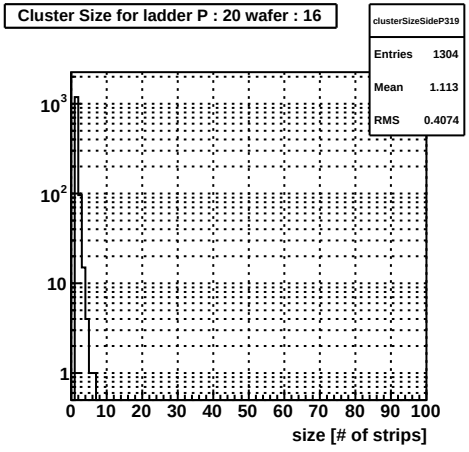

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7876
Mean 1.133
RMS 0.4278
size [# of strips]

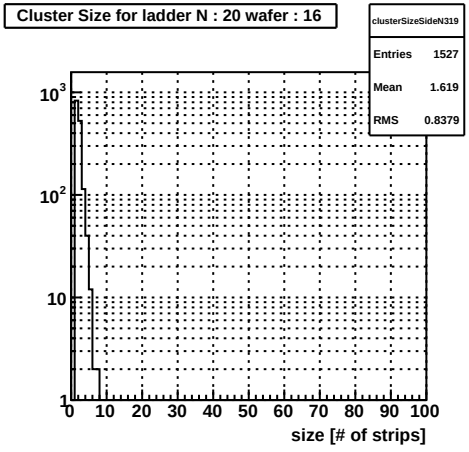

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2521
Mean 1.413
RMS 0.7592
size [# of strips]

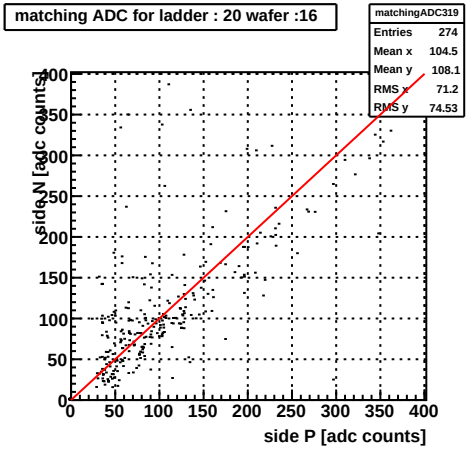

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1102
Mean x 75.34
Mean y 76.85
RMS x 55.69
RMS y 55.72
side N [adc counts]
side P [adc counts]

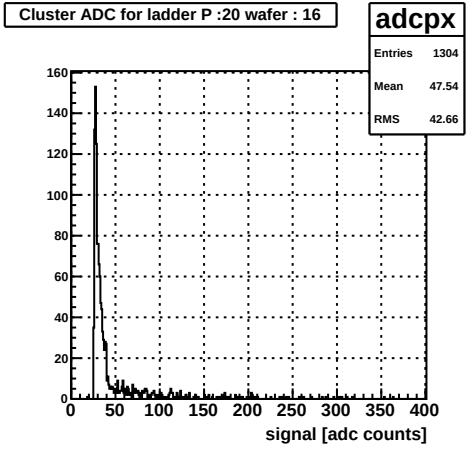

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7876
Mean 34.8
RMS 32.28
signal [adc counts]

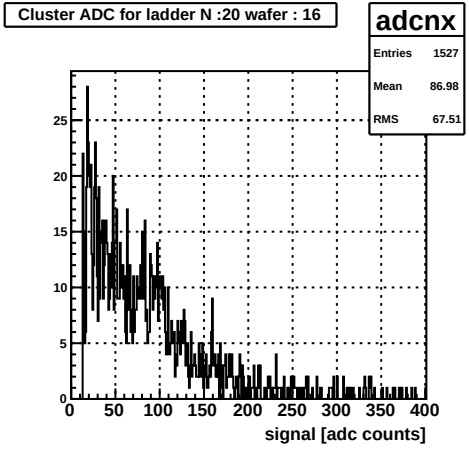

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2521
Mean 63.79
RMS 57.21
signal [adc counts]

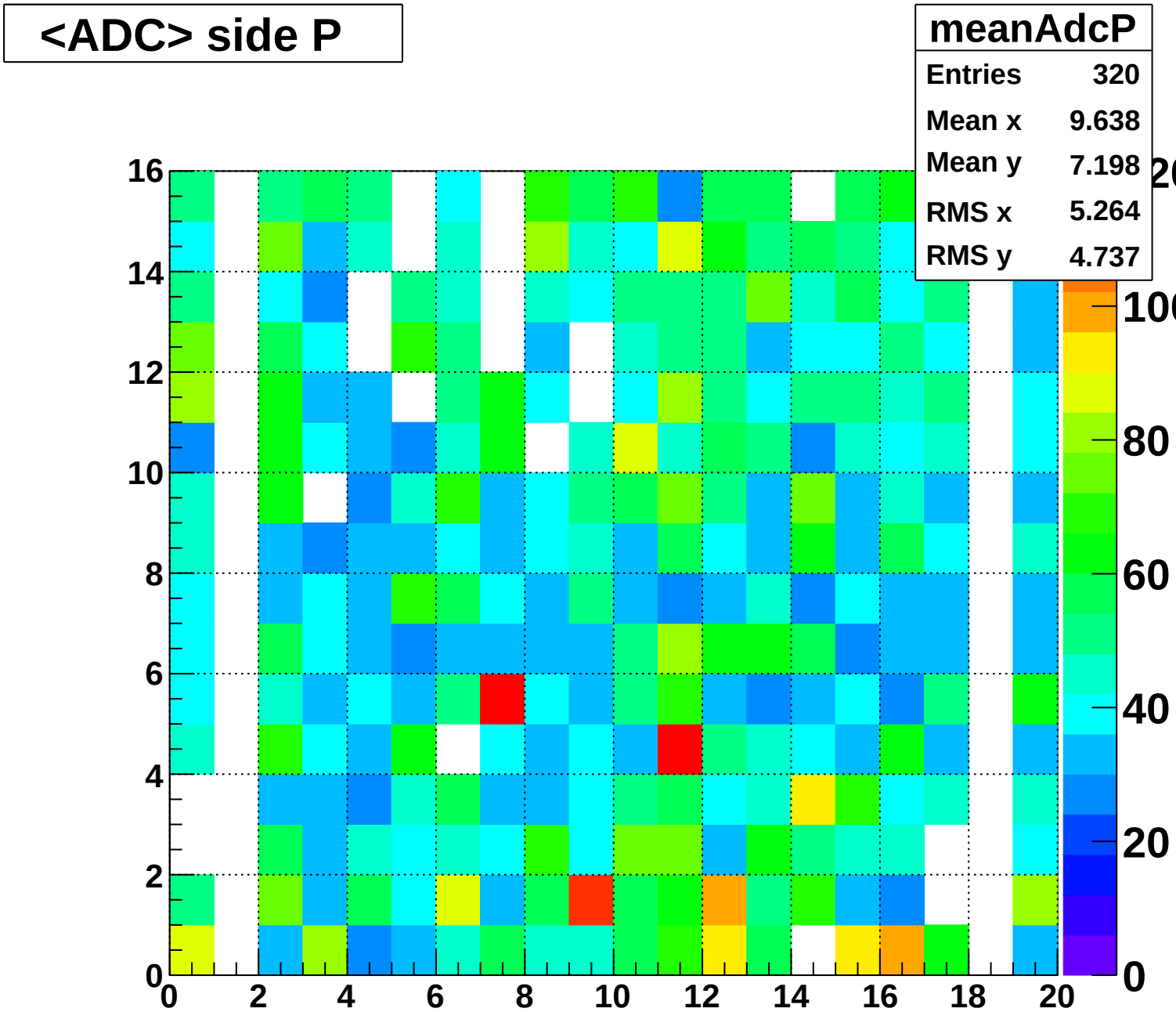

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1304
Mean 1.113
RMS 0.4074
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1527
Mean 1.619
RMS 0.8379
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 274
Mean x 104.5
Mean y 108.1
RMS x 71.2
RMS y 74.53
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1304
Mean 47.54
RMS 42.66
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1527
Mean 86.98
RMS 67.51
signal [adc counts]



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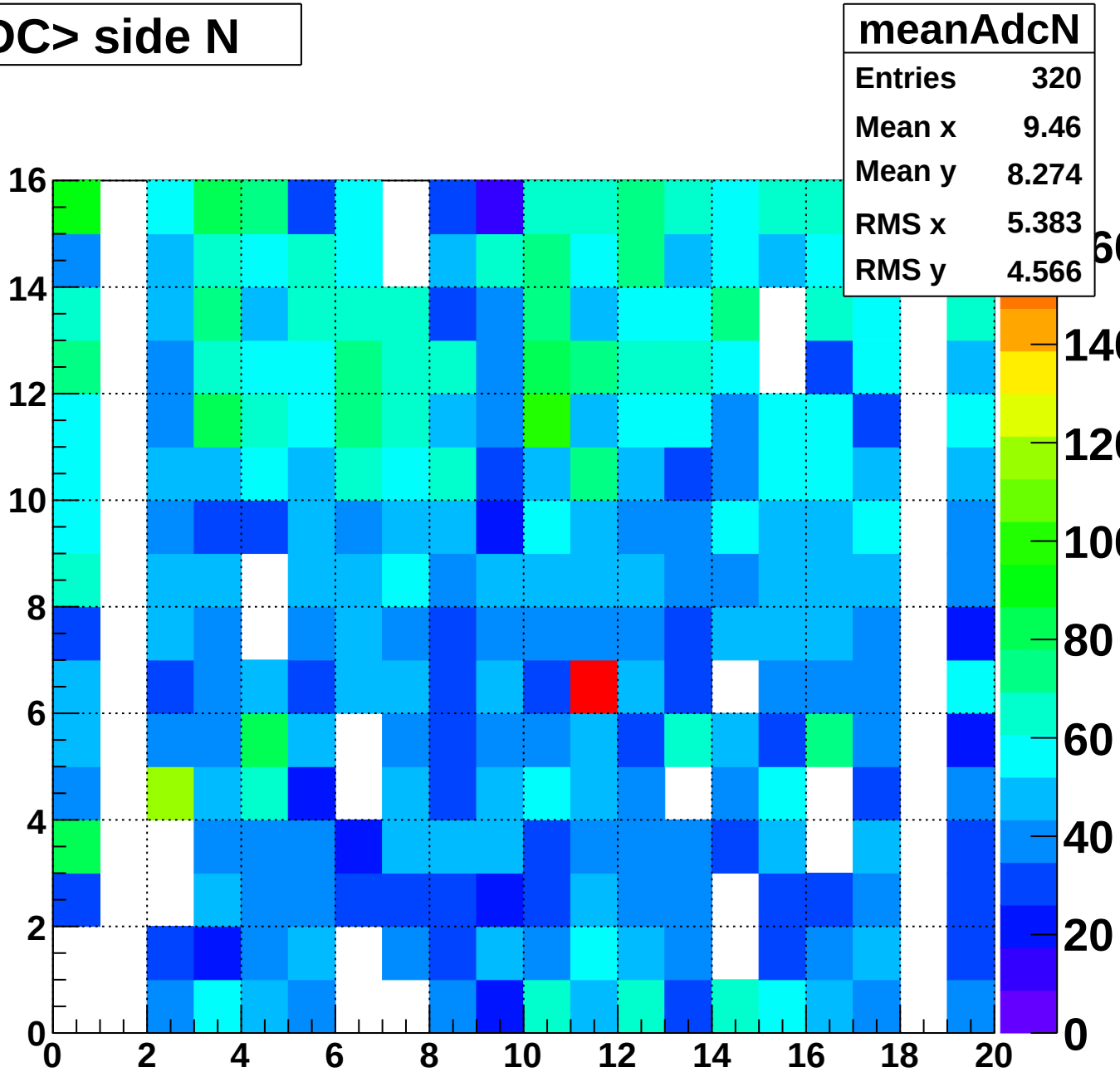
<ADC> side N



2016-05-20 01:17:14