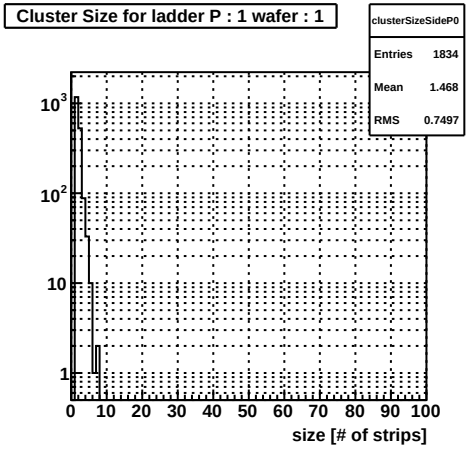
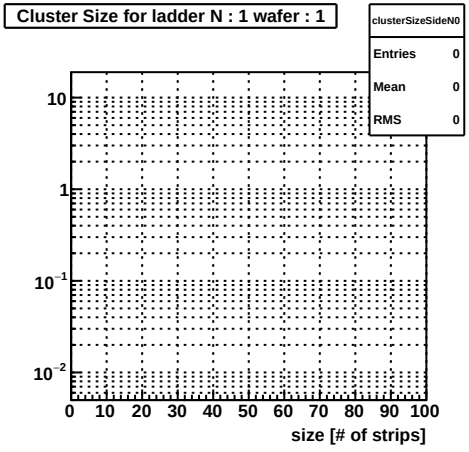
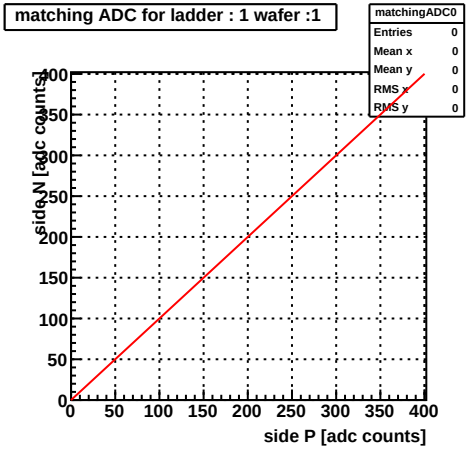
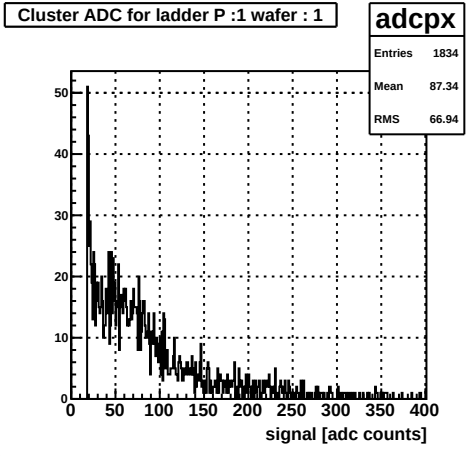
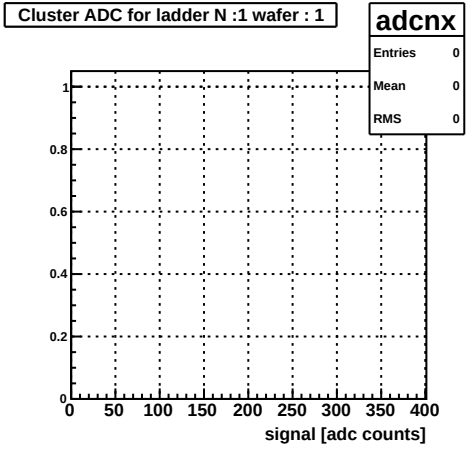
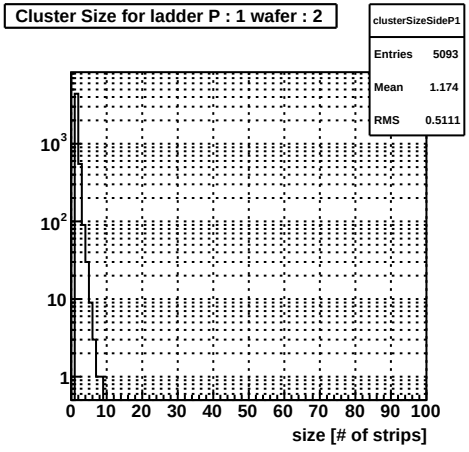

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1834
Mean 1.468
RMS 0.7497
size [# of strips]

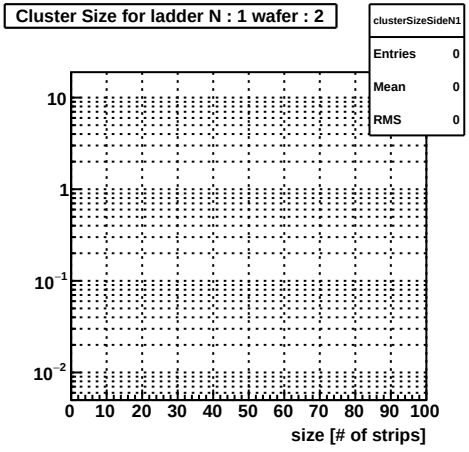

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

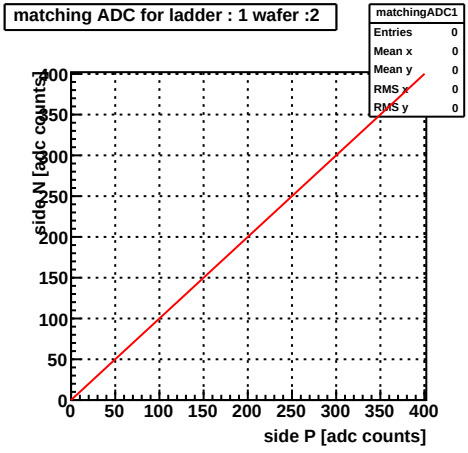

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

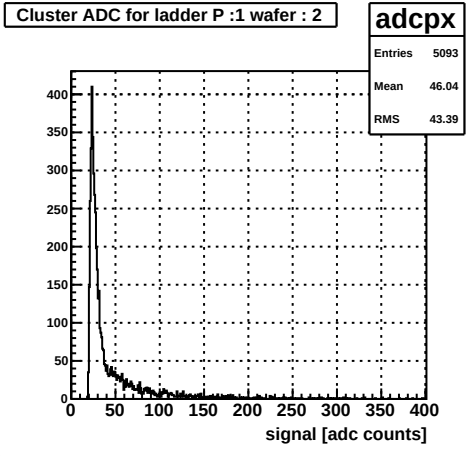

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1834
Mean 87.34
RMS 66.94
signal [adc counts]

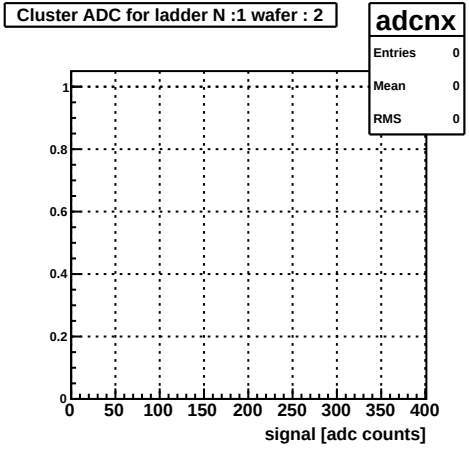

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

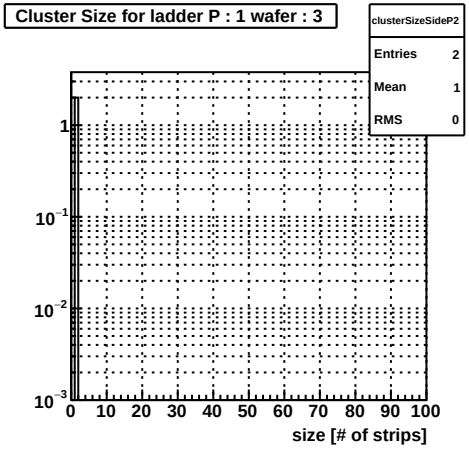

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5093
Mean 1.174
RMS 0.5111
size [# of strips]

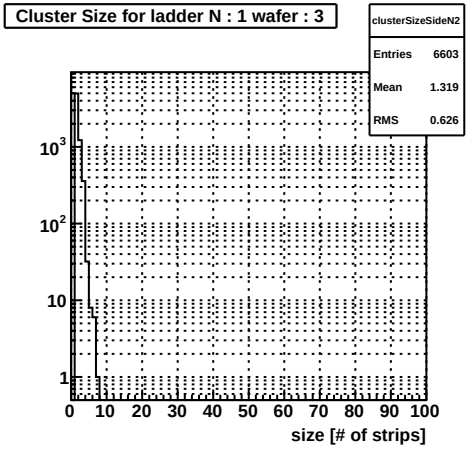

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

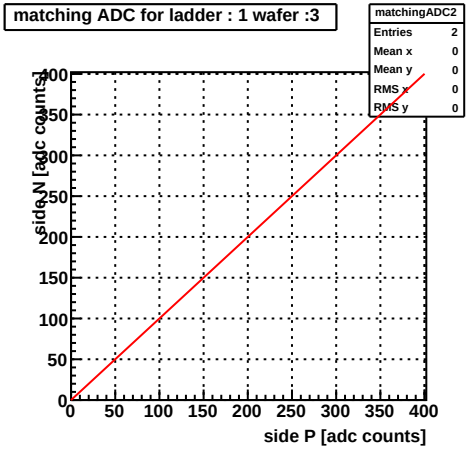

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

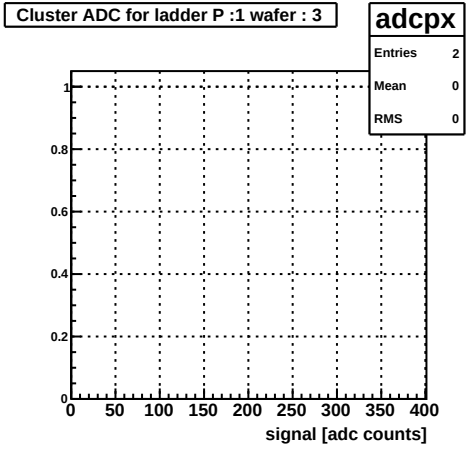

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5093
Mean 46.04
RMS 43.39
signal [adc counts]

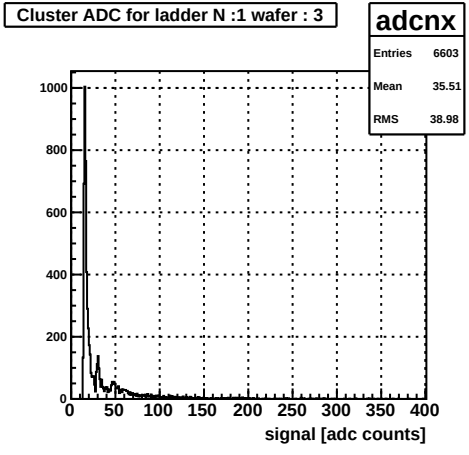

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

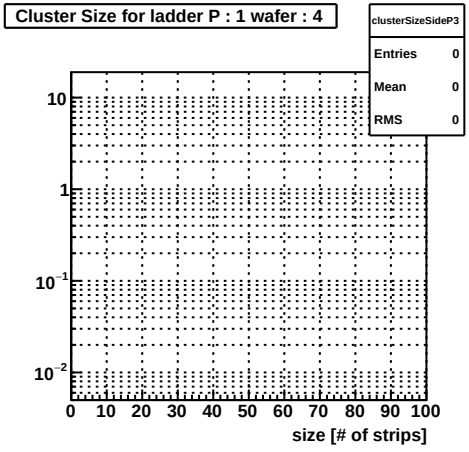

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

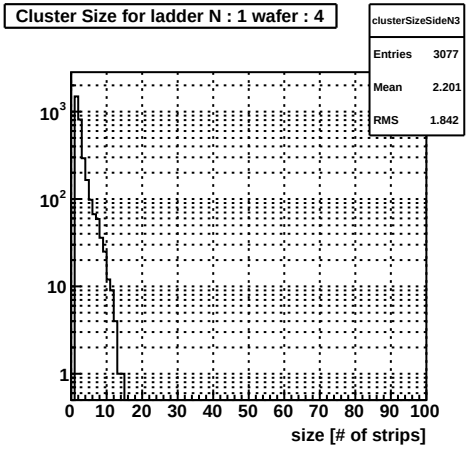

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 6603
Mean 1.319
RMS 0.626
size [# of strips]

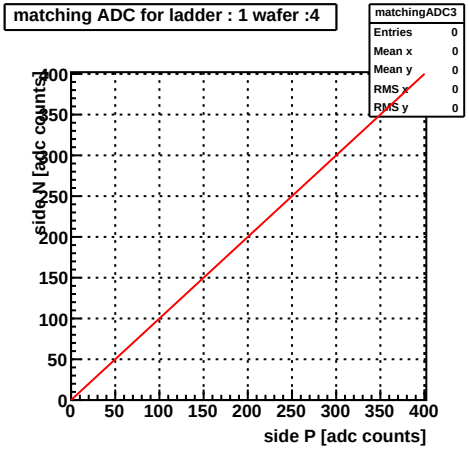

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

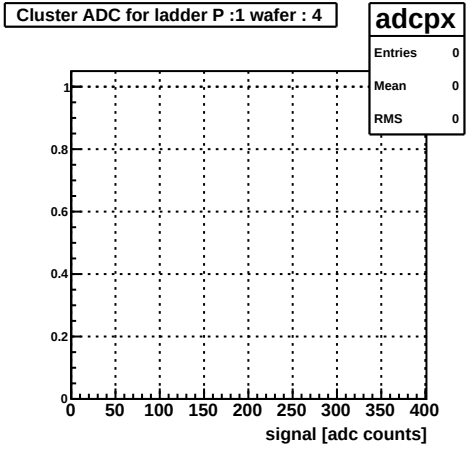

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

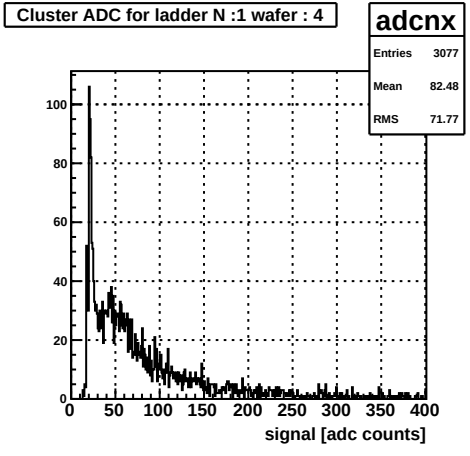

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 6603
Mean 35.51
RMS 38.98
signal [adc counts]

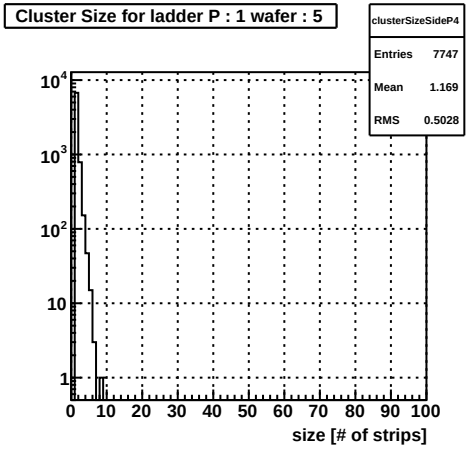

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

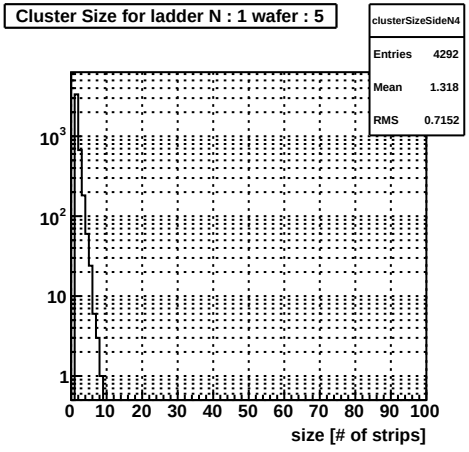

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3077
Mean 2.201
RMS 1.842
size [# of strips]

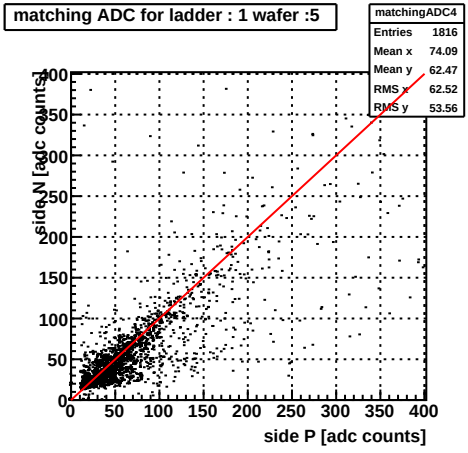

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

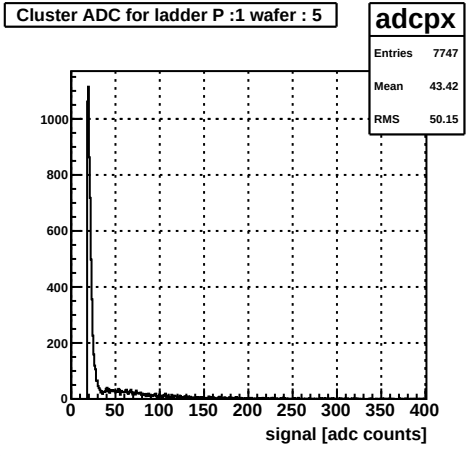

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

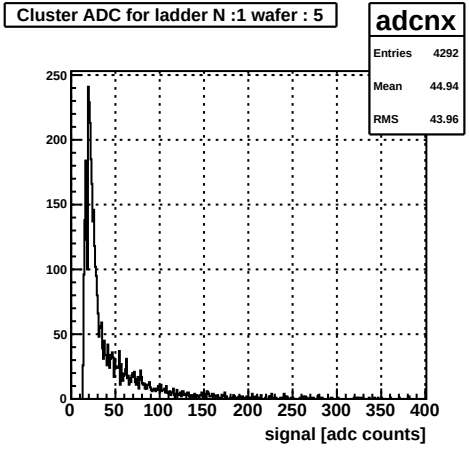

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3077
Mean 82.48
RMS 71.77
signal [adc counts]

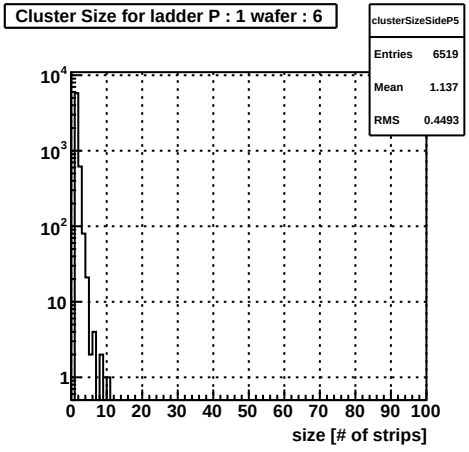

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7747
Mean 1.169
RMS 0.5028
size [# of strips]

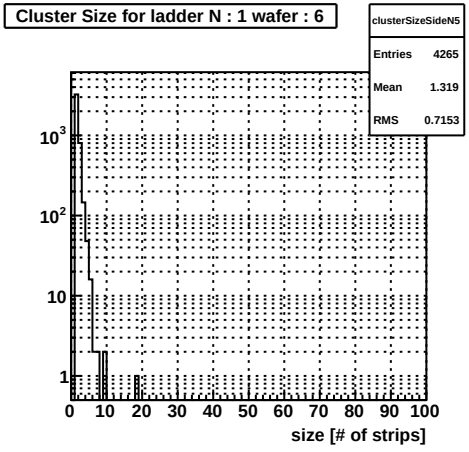

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4292
Mean 1.318
RMS 0.7152
size [# of strips]

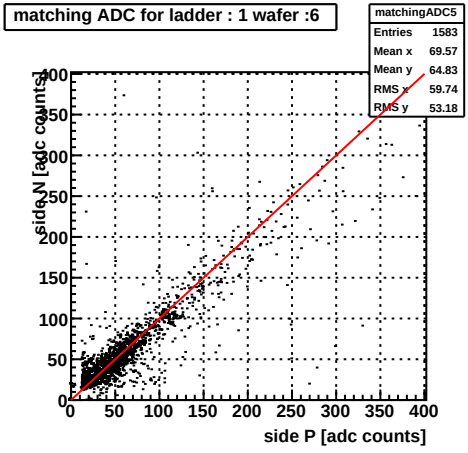

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1816
Mean x 74.09
Mean y 62.47
RMS x 62.52
RMS y 53.56
side N [adc counts]
side P [adc counts]

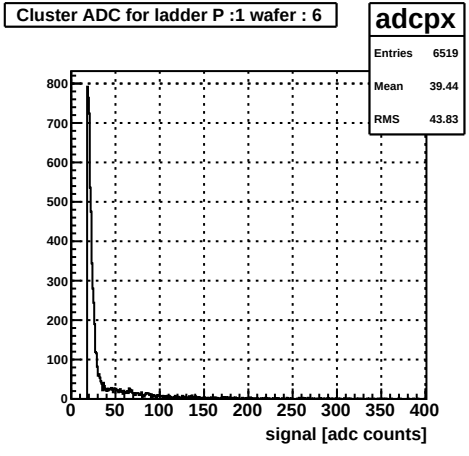

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7747
Mean 43.42
RMS 50.15
signal [adc counts]

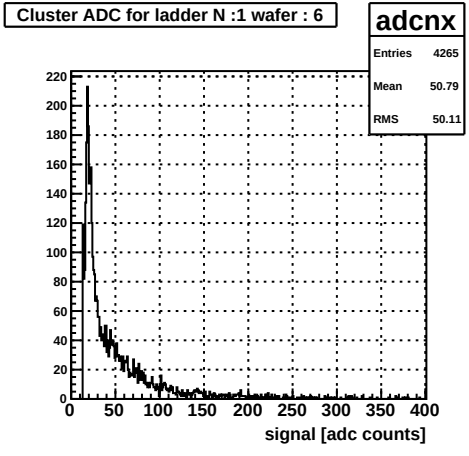

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4292
Mean 44.94
RMS 43.96
signal [adc counts]

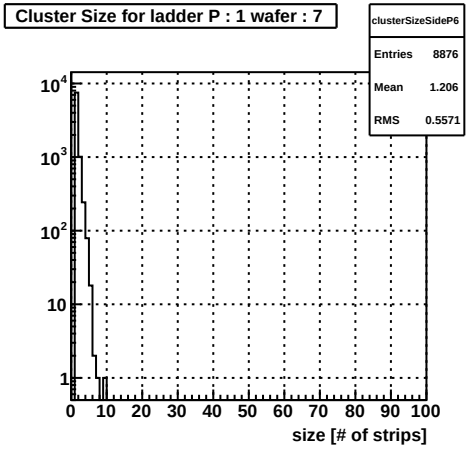

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6519
Mean 1.137
RMS 0.4493
size [# of strips]

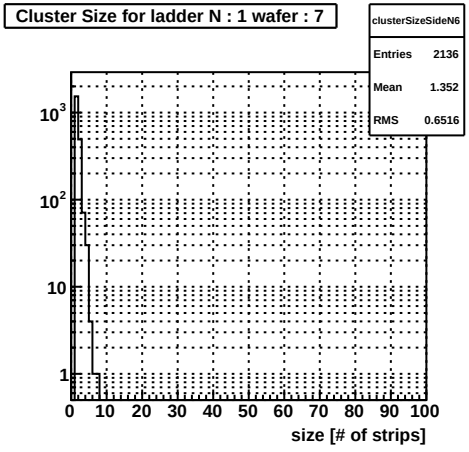

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4265
Mean 1.319
RMS 0.7153
size [# of strips]

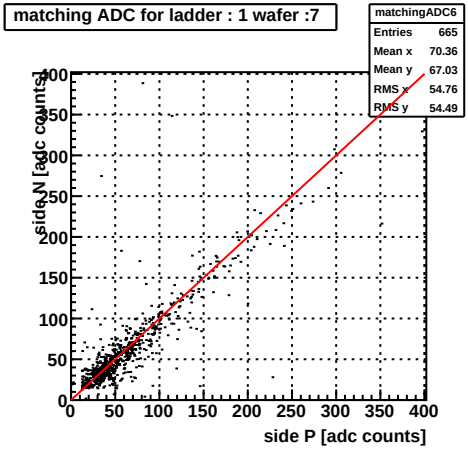

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1583
Mean x 69.57
Mean y 64.83
RMS x 59.74
RMS y 53.18
side N [adc counts]
side P [adc counts]

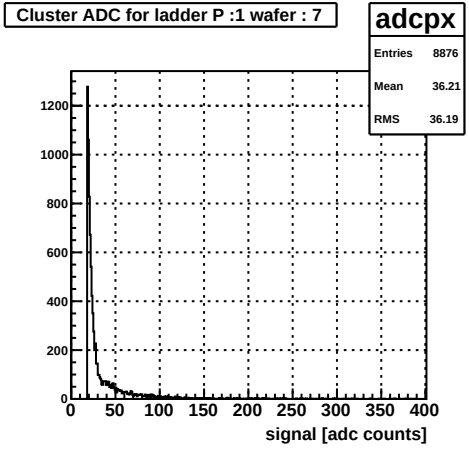

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6519
Mean 39.44
RMS 43.83
signal [adc counts]

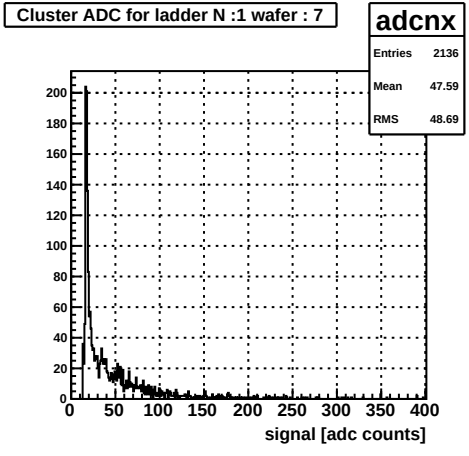

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4265
Mean 50.79
RMS 50.11
signal [adc counts]

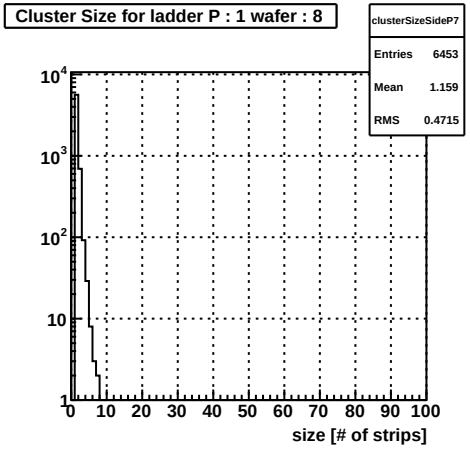

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 8876
Mean 1.206
RMS 0.5571
size [# of strips]

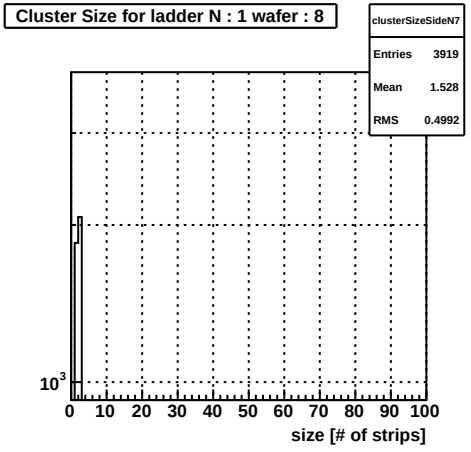

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2136
Mean 1.352
RMS 0.6516
size [# of strips]

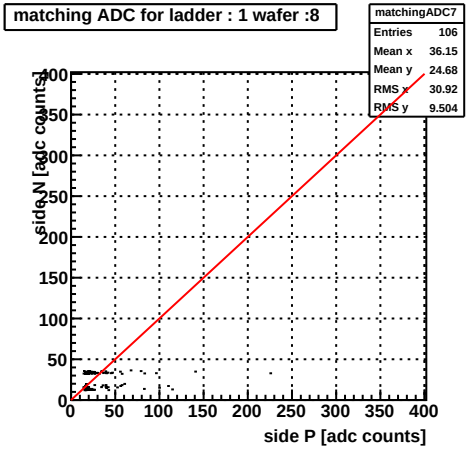

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 665
Mean x 70.36
Mean y 67.03
RMS x 54.76
RMS y 54.49
side N [adc counts]
side P [adc counts]

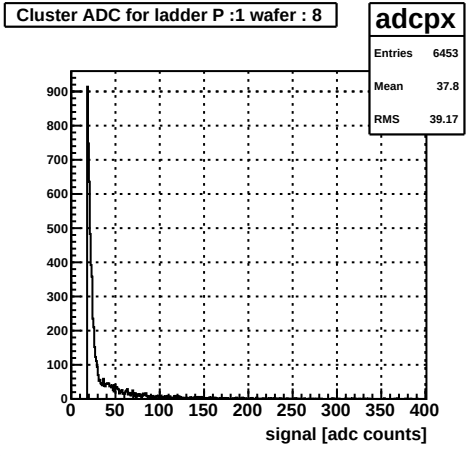

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 8876
Mean 36.21
RMS 36.19
signal [adc counts]

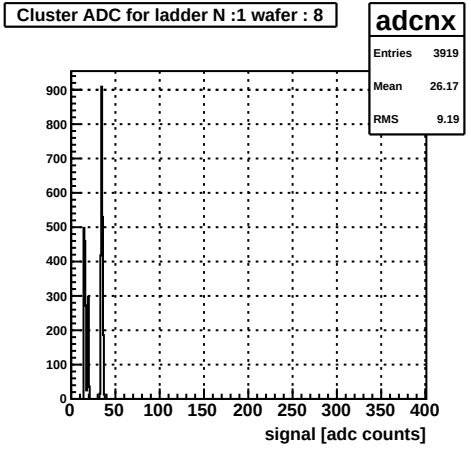

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2136
Mean 47.59
RMS 48.69
signal [adc counts]

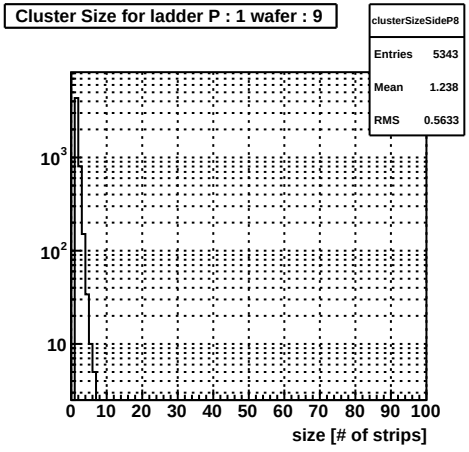

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 6453
Mean 1.159
RMS 0.4715
size [# of strips]

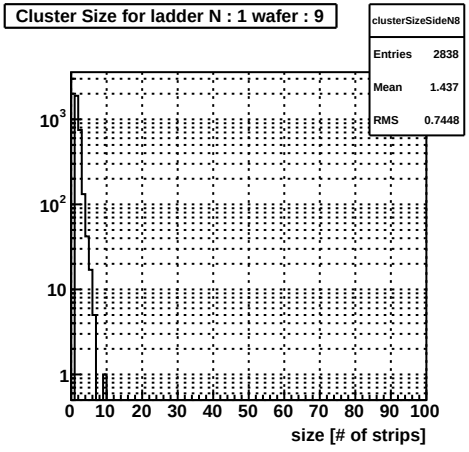

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3919
Mean 1.528
RMS 0.4992
size [# of strips]

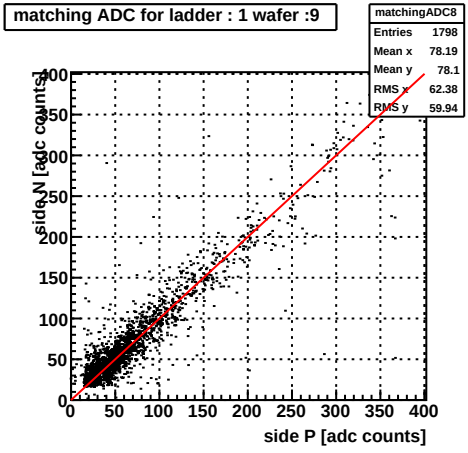

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 106
Mean x 36.15
Mean y 24.68
RMS x 30.92
RMS y 9.504
side N [adc counts]
side P [adc counts]

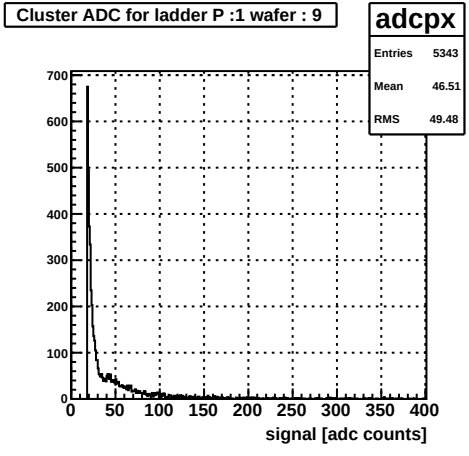

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 6453
Mean 37.8
RMS 39.17
signal [adc counts]

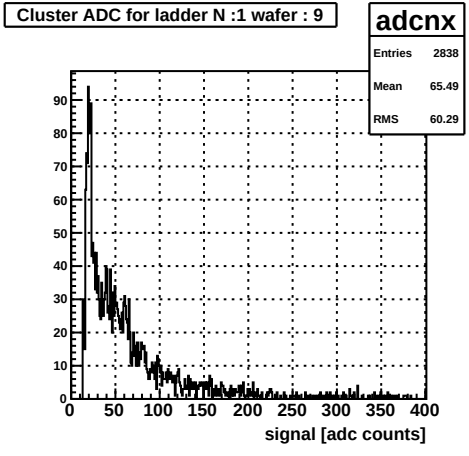

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3919
Mean 26.17
RMS 9.19
signal [adc counts]

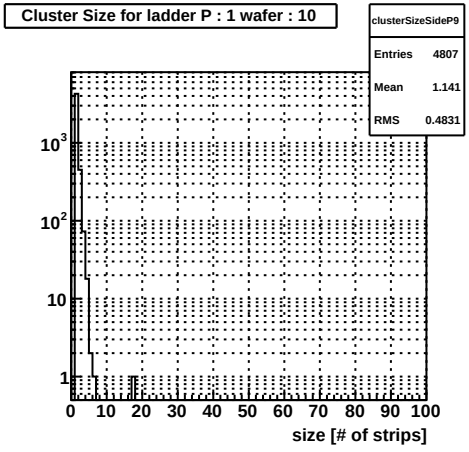

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5343
Mean 1.238
RMS 0.5633
size [# of strips]

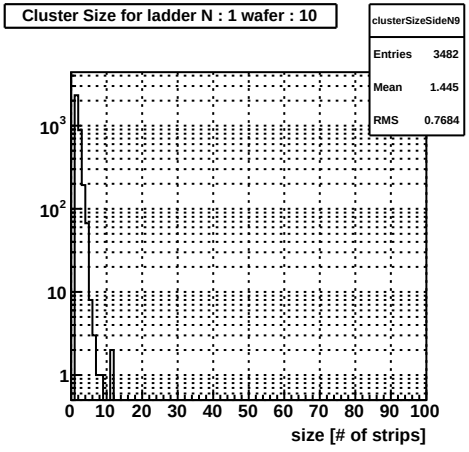

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2838
Mean 1.437
RMS 0.7448
size [# of strips]

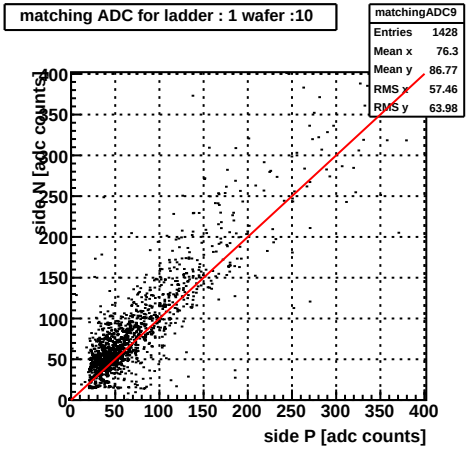

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1798
Mean x 78.19
Mean y 78.1
RMS x 62.38
RMS y 59.94
side N [adc counts]
side P [adc counts]

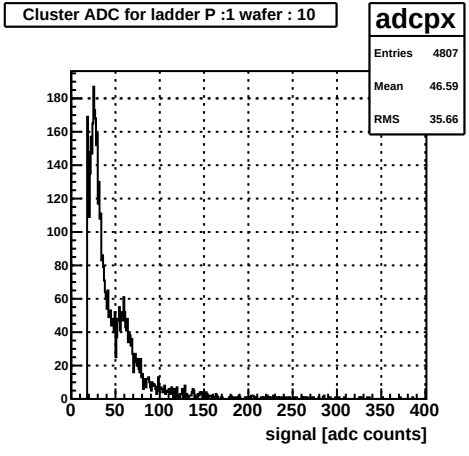

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5343
Mean 46.51
RMS 49.48
signal [adc counts]

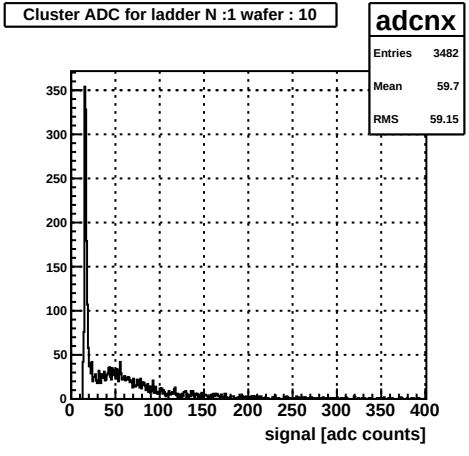

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2838
Mean 65.49
RMS 60.29
signal [adc counts]

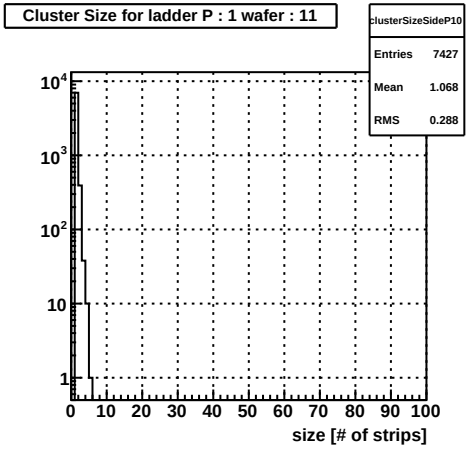

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4807
Mean 1.141
RMS 0.4831
size [# of strips]

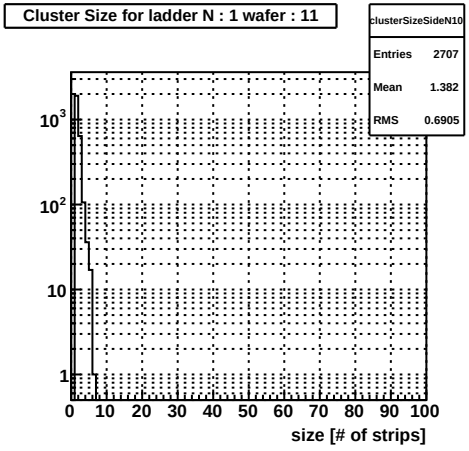

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3482
Mean 1.445
RMS 0.7684
size [# of strips]

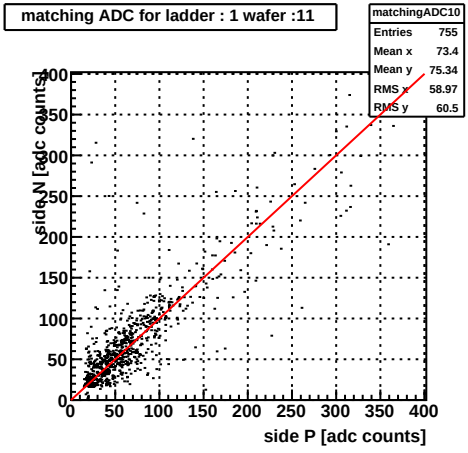

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1428
Mean x 76.3
Mean y 86.77
RMS x 57.46
RMS y 63.98
side N [adc counts]
side P [adc counts]

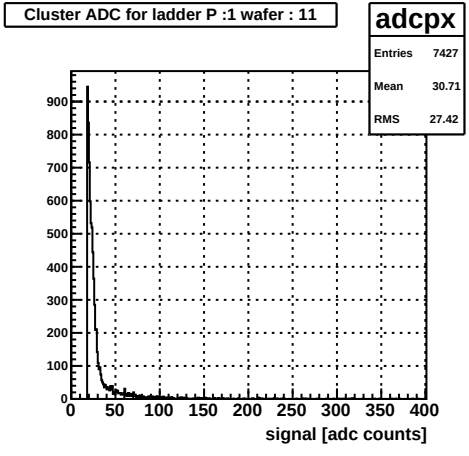

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4807
Mean 46.59
RMS 35.66
signal [adc counts]

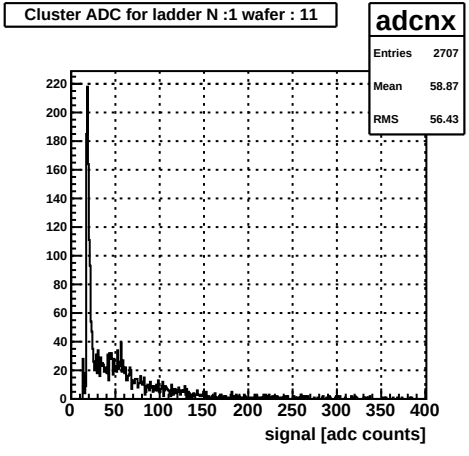

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3482
Mean 59.7
RMS 59.15
signal [adc counts]

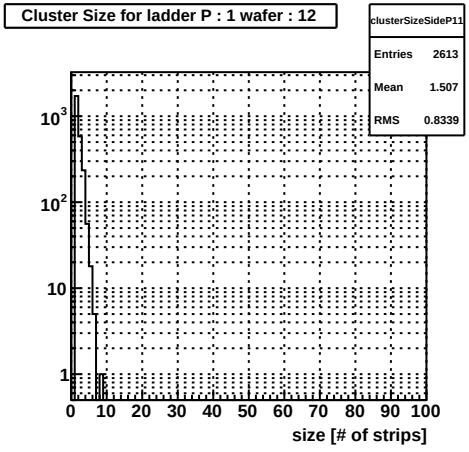

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7427
Mean 1.068
RMS 0.288
size [# of strips]

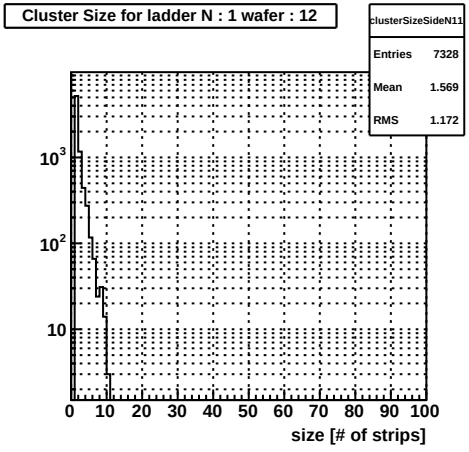

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2707
Mean 1.382
RMS 0.6905
size [# of strips]

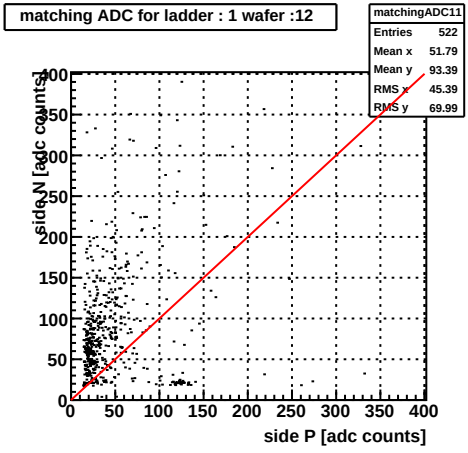

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 755
Mean x 73.4
Mean y 75.34
RMS x 58.97
RMS y 60.5
side N [adc counts]
side P [adc counts]

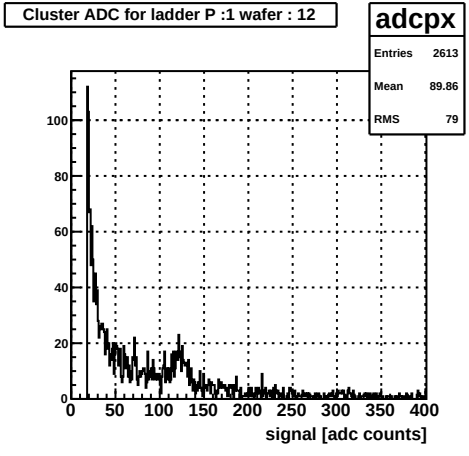

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7427
Mean 30.71
RMS 27.42
signal [adc counts]

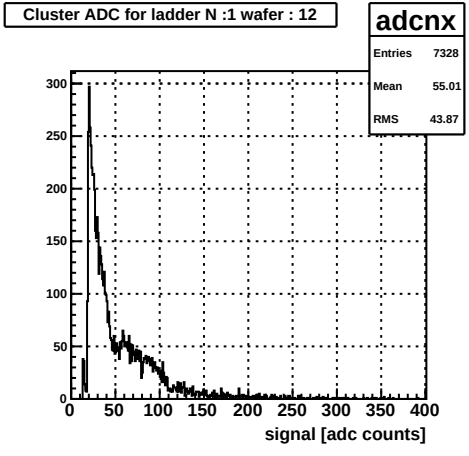

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2707
Mean 58.87
RMS 56.43
signal [adc counts]

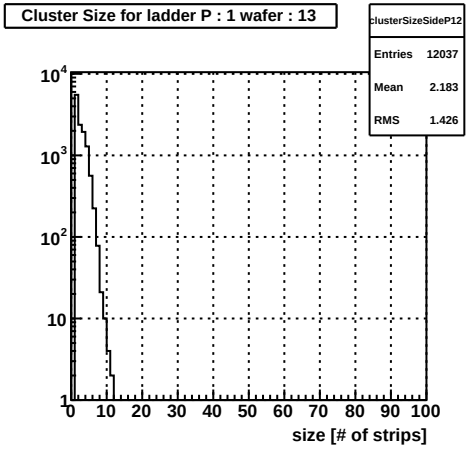

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2613
Mean 1.507
RMS 0.8339
size [# of strips]

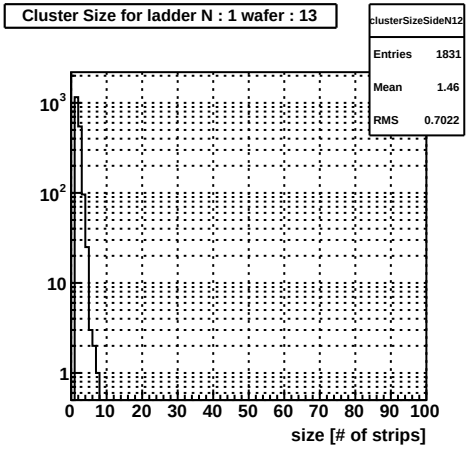

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7328
Mean 1.569
RMS 1.172
size [# of strips]

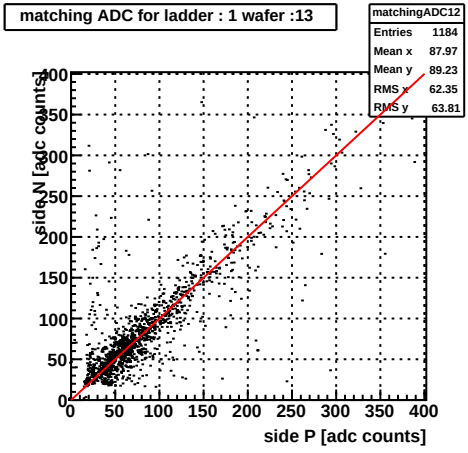

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 522
Mean x 51.79
Mean y 93.39
RMS x 45.39
RMS y 69.99
side N [adc counts]
side P [adc counts]

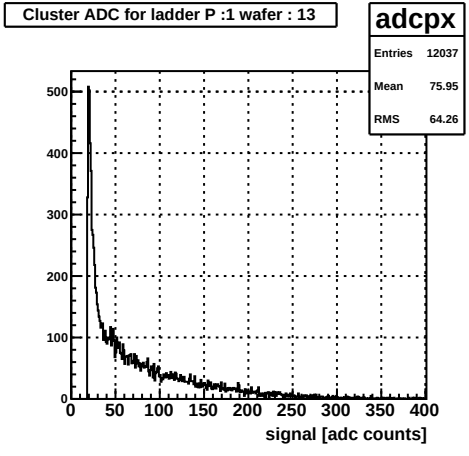

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2613
Mean 89.86
RMS 79
signal [adc counts]

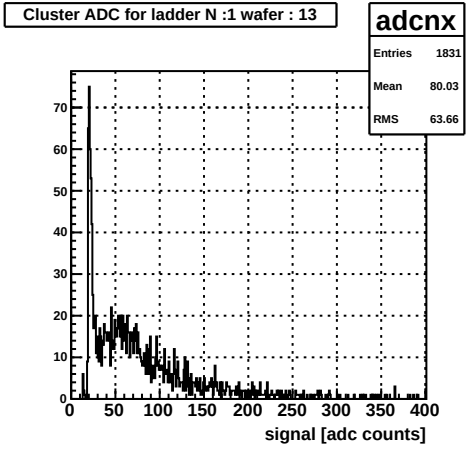

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7328
Mean 55.01
RMS 43.87
signal [adc counts]

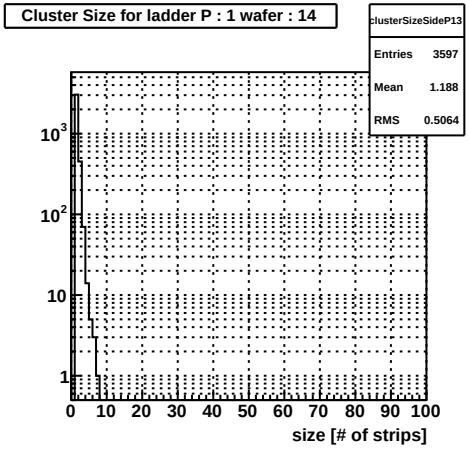

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 12037
Mean 2.183
RMS 1.426
size [# of strips]

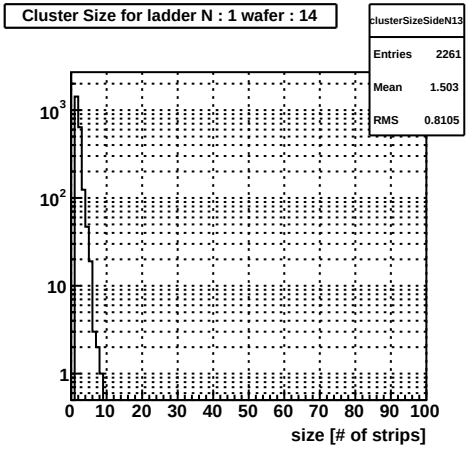

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1831
Mean 1.46
RMS 0.7022
size [# of strips]

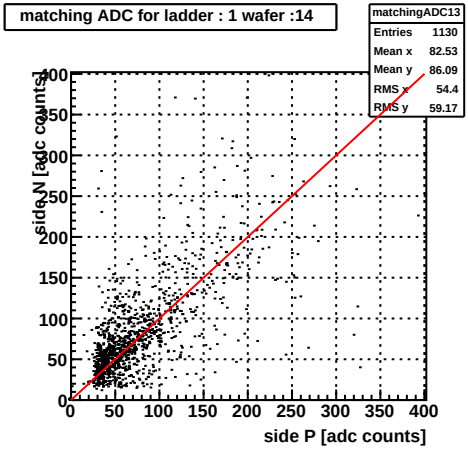

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1184
Mean x 87.97
Mean y 89.23
RMS x 62.35
RMS y 63.81
side N [adc counts]
side P [adc counts]

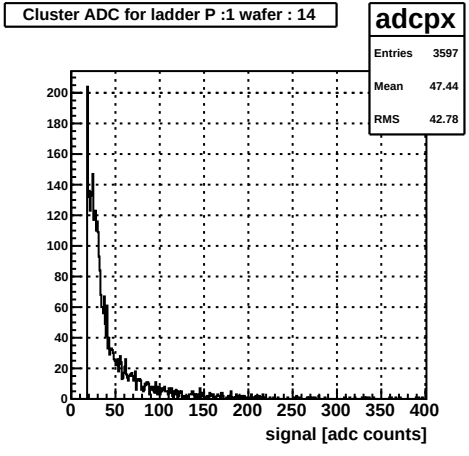

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 12037
Mean 75.95
RMS 64.26
signal [adc counts]

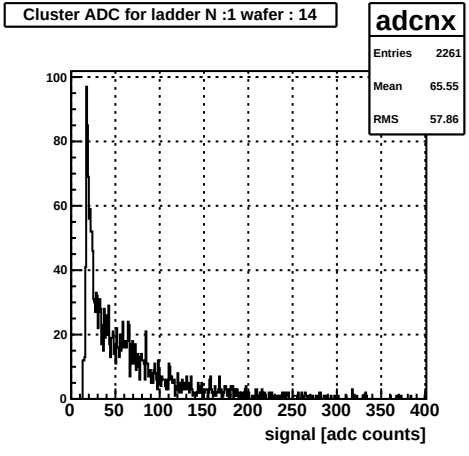

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1831
Mean 80.03
RMS 63.66
signal [adc counts]

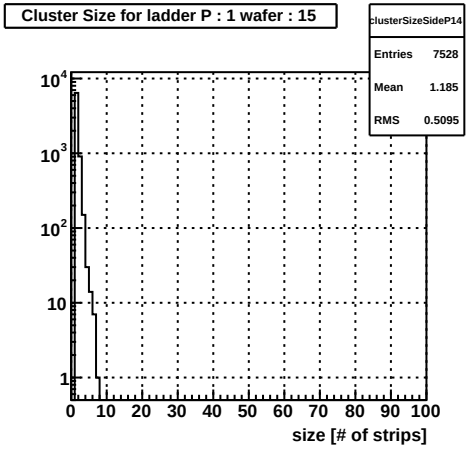

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3597
Mean 1.188
RMS 0.5064
size [# of strips]

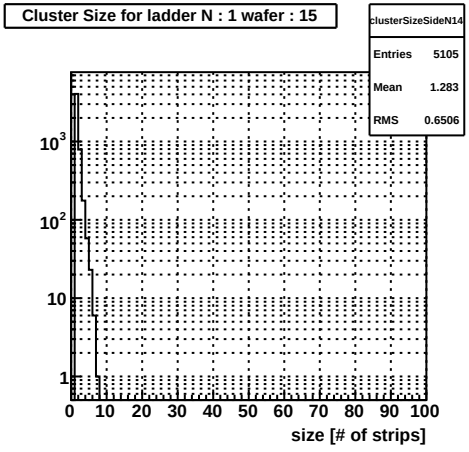

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2261
Mean 1.503
RMS 0.8105
size [# of strips]

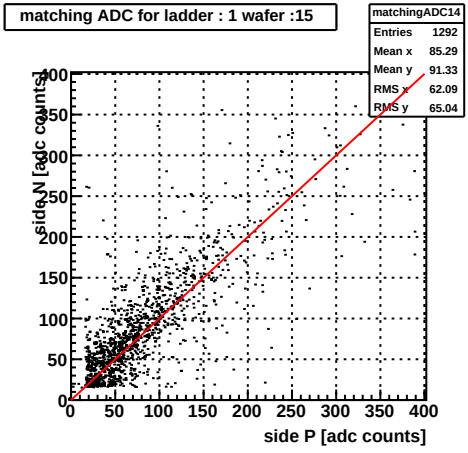

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1130
Mean x 82.53
Mean y 86.09
RMS x 54.4
RMS y 59.17
side N [adc counts]
side P [adc counts]

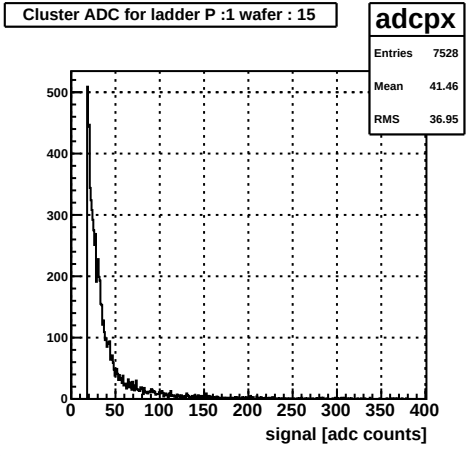

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3597
Mean 47.44
RMS 42.78
signal [adc counts]

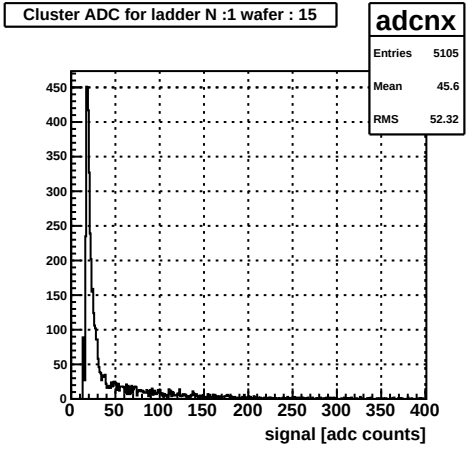

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2261
Mean 65.55
RMS 57.86
signal [adc counts]

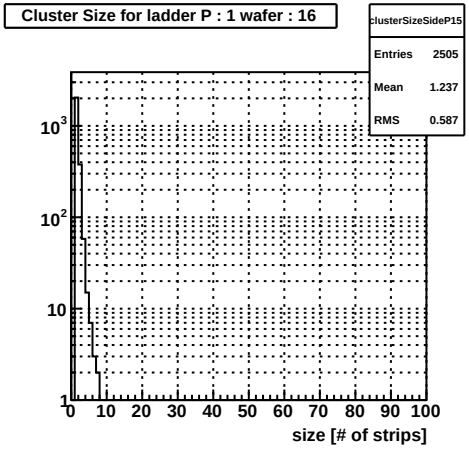

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7528
Mean 1.185
RMS 0.5095
size [# of strips]

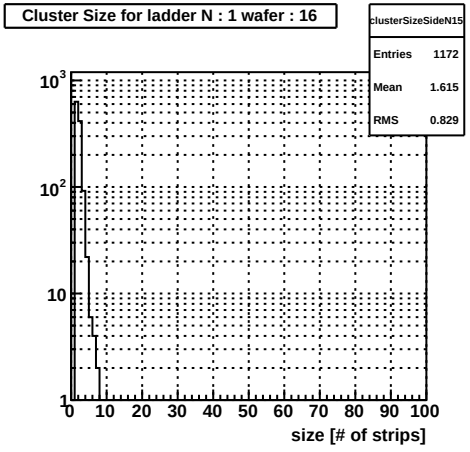

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5105
Mean 1.283
RMS 0.6506
size [# of strips]

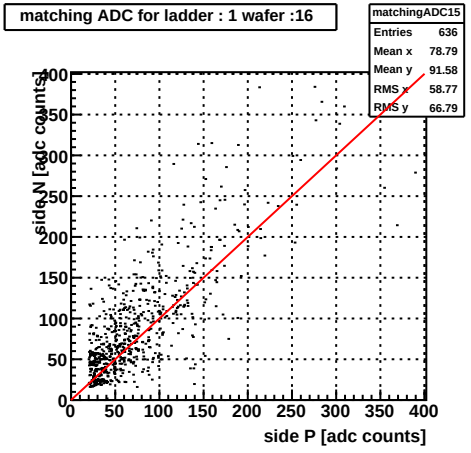

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1292
Mean x 85.29
Mean y 91.33
RMS x 62.09
RMS y 65.04
side N [adc counts]
side P [adc counts]

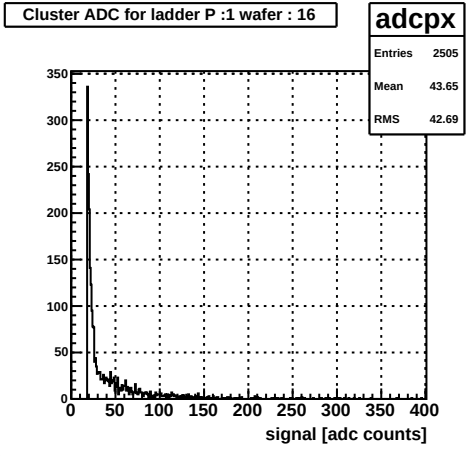

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7528
Mean 41.46
RMS 36.95
signal [adc counts]

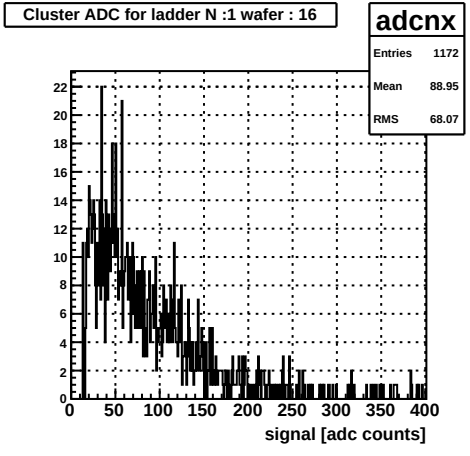

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5105
Mean 45.6
RMS 52.32
signal [adc counts]

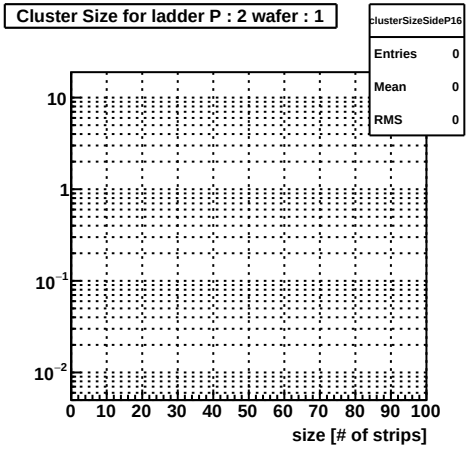

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2505
Mean 1.237
RMS 0.587
size [# of strips]

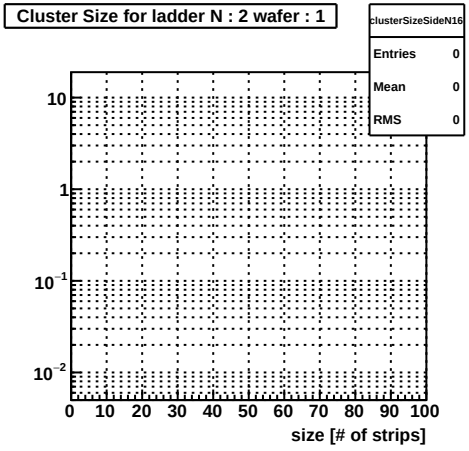

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1172
Mean 1.615
RMS 0.829
size [# of strips]

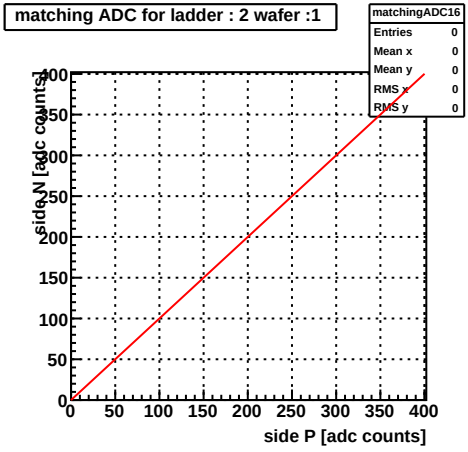

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 636
Mean x 78.79
Mean y 91.58
RMS x 58.77
RMS y 66.79
side N [adc counts]
side P [adc counts]

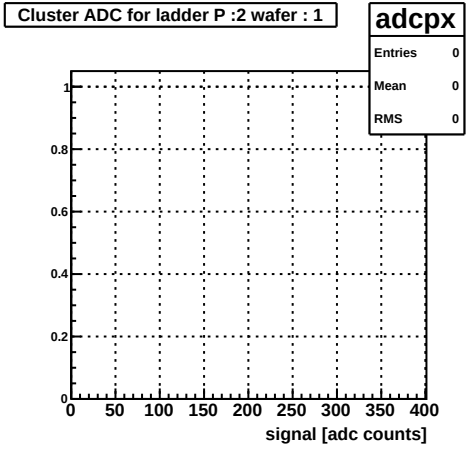

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2505
Mean 43.65
RMS 42.69
signal [adc counts]

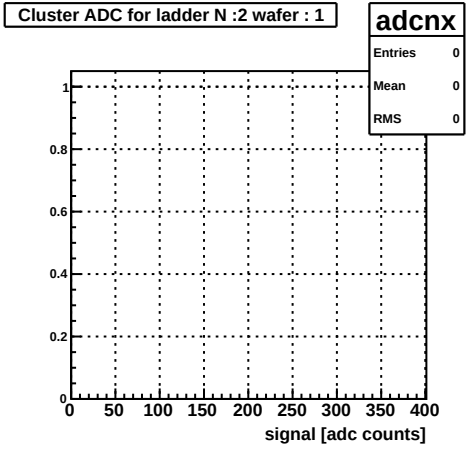

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1172
Mean 88.95
RMS 68.07
signal [adc counts]

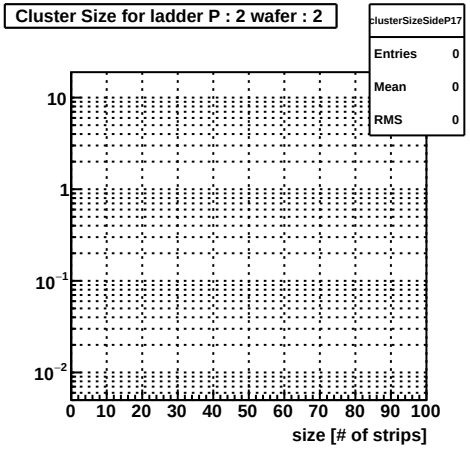

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

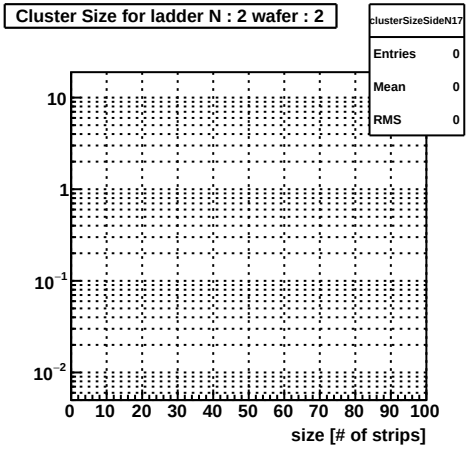

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

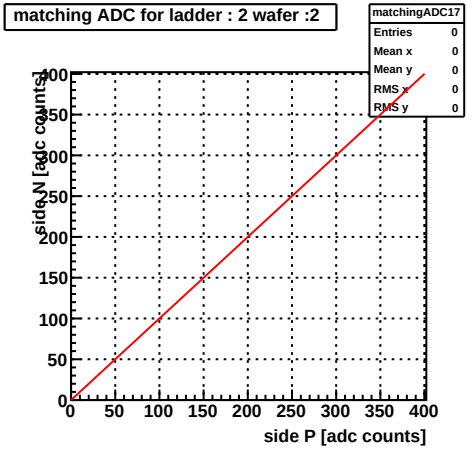

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

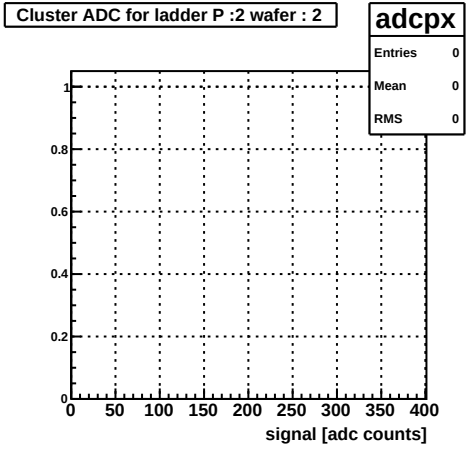

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

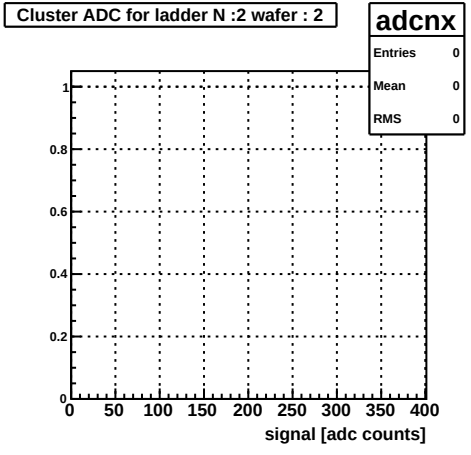

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

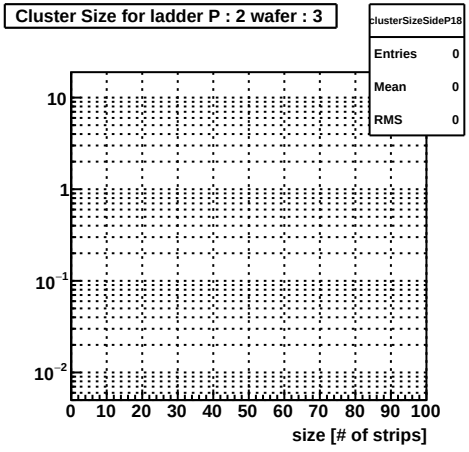

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

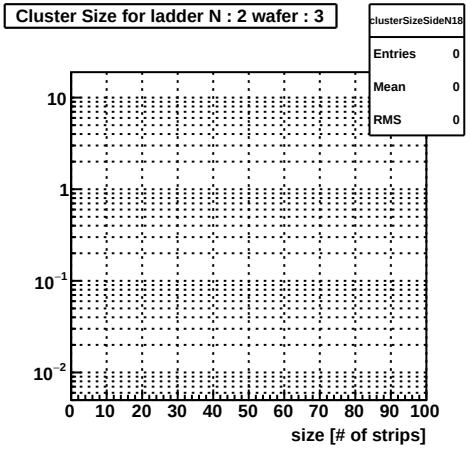

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

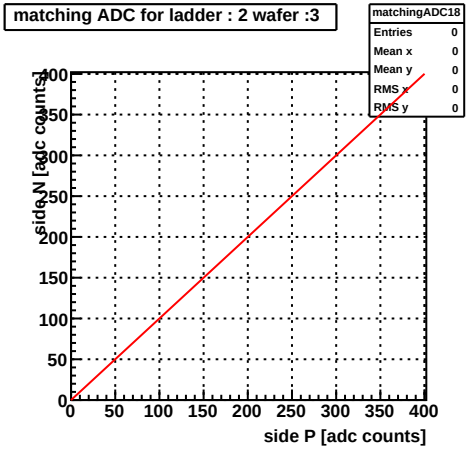

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

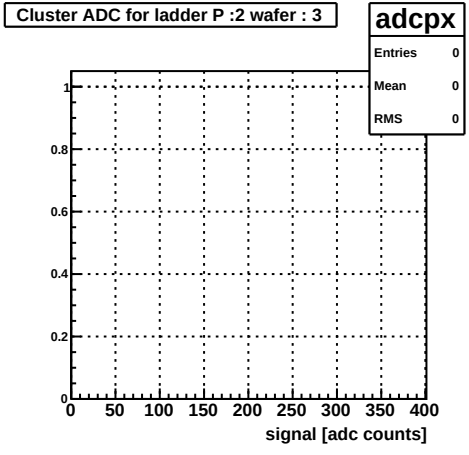

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

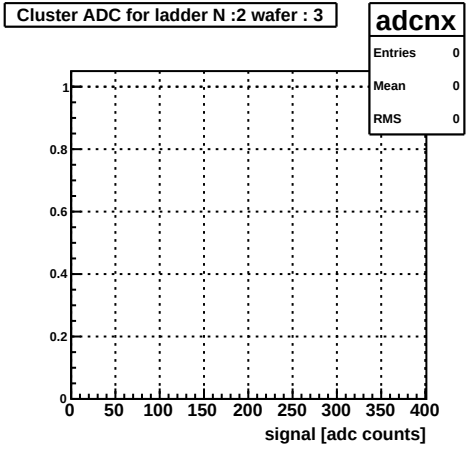

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

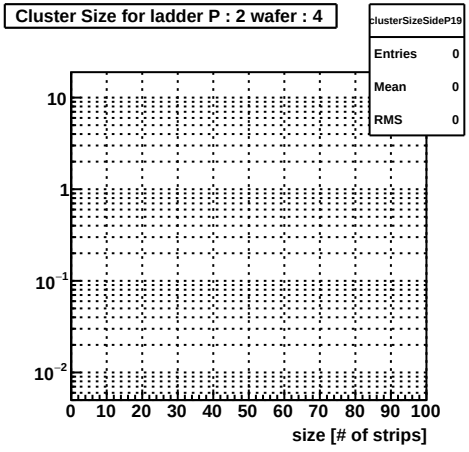

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

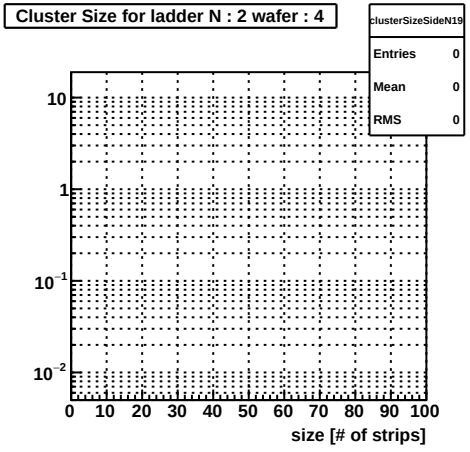

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

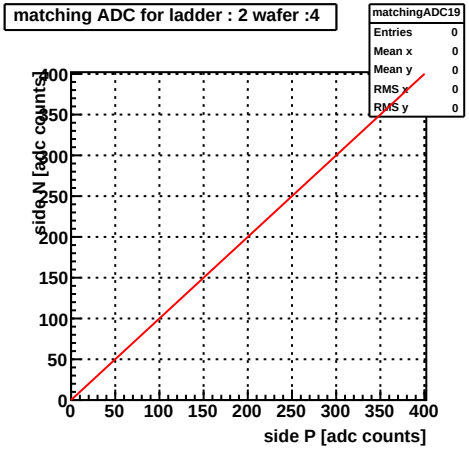

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

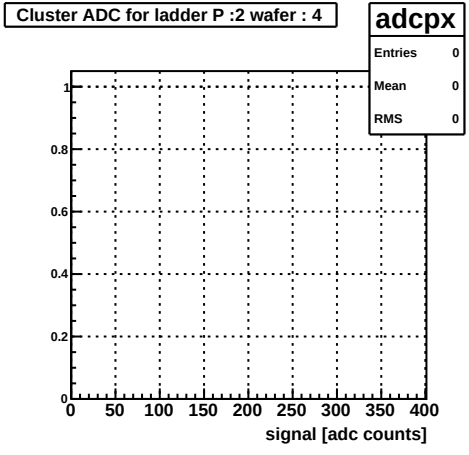

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

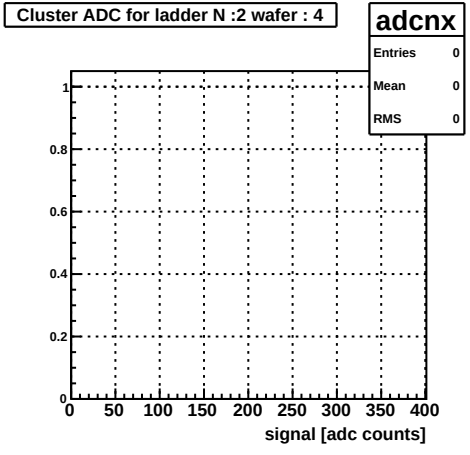

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

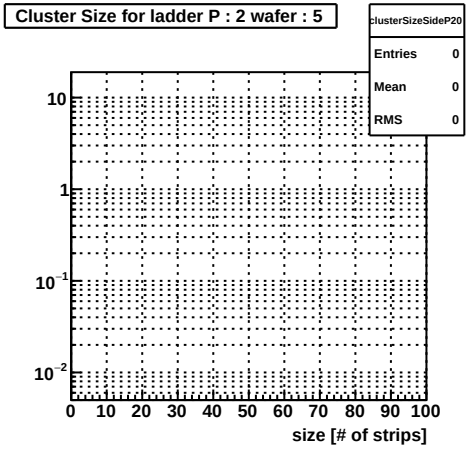

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

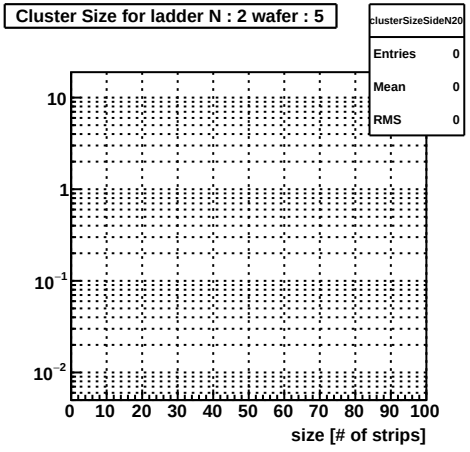

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

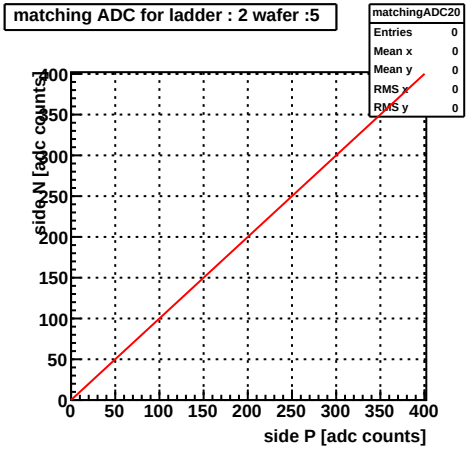

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

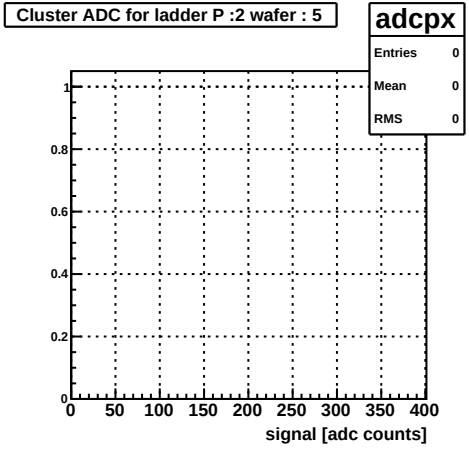

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

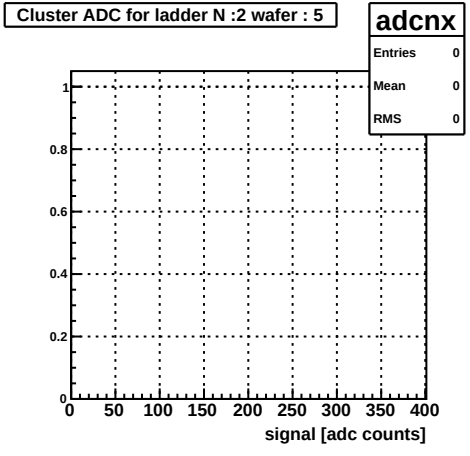

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

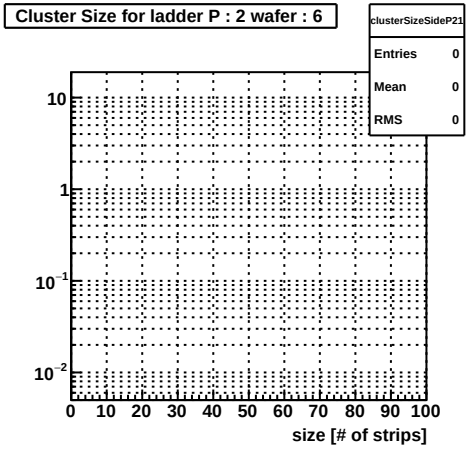

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

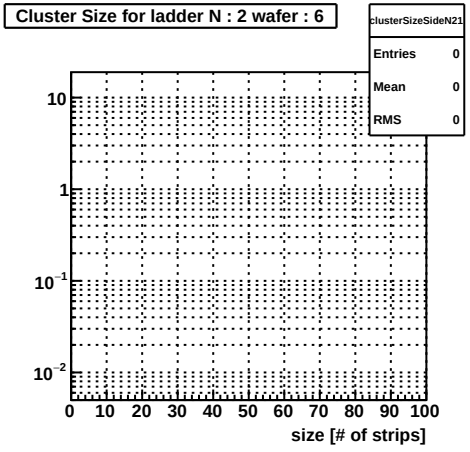

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

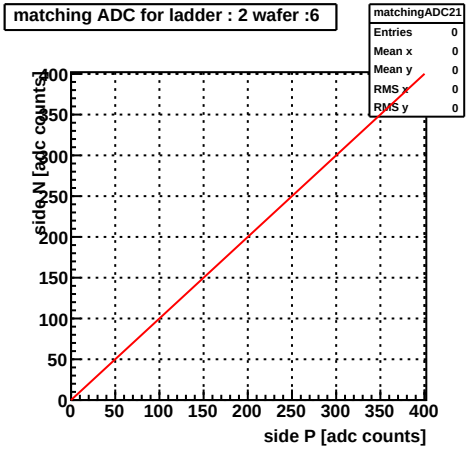

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

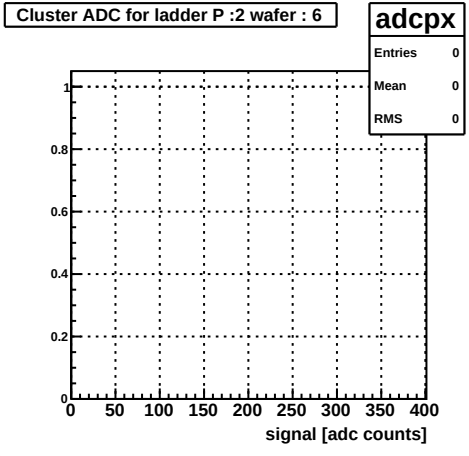

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

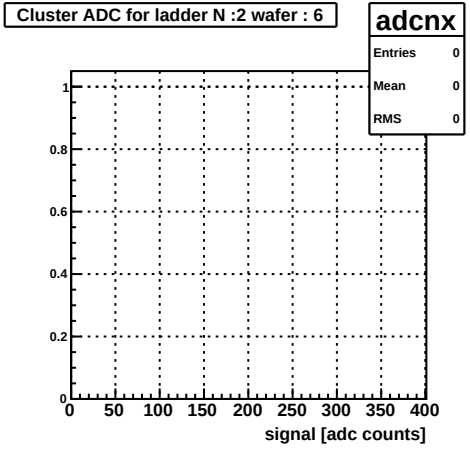

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

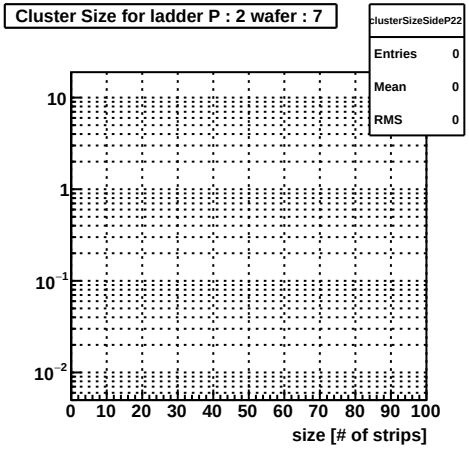

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

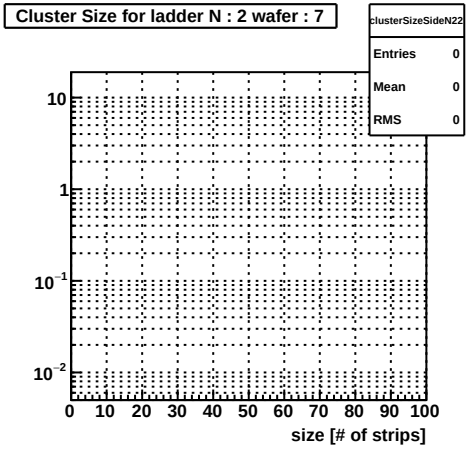

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

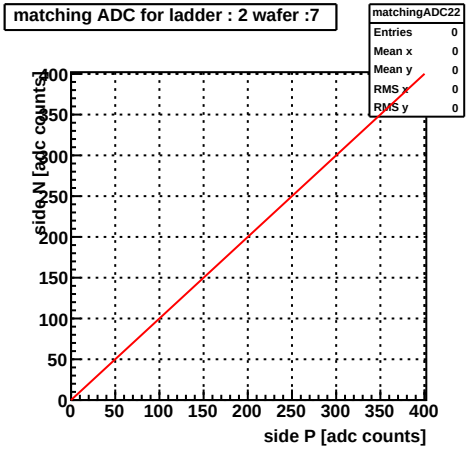

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

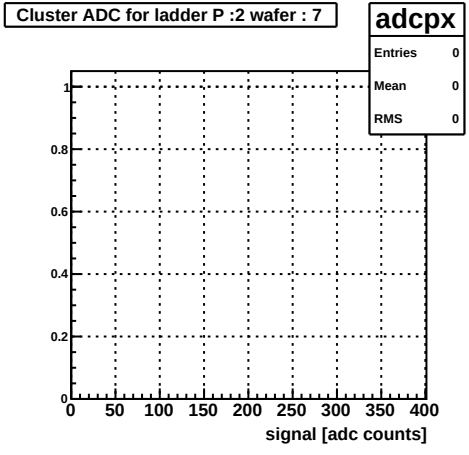

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

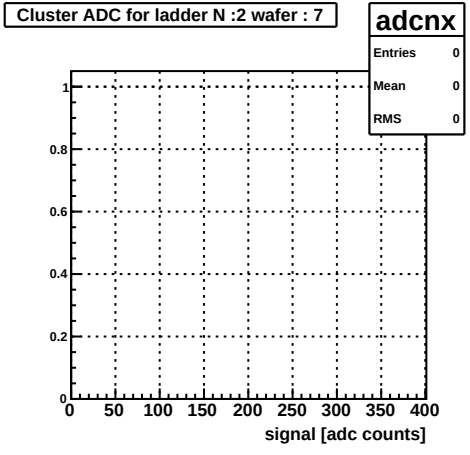

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

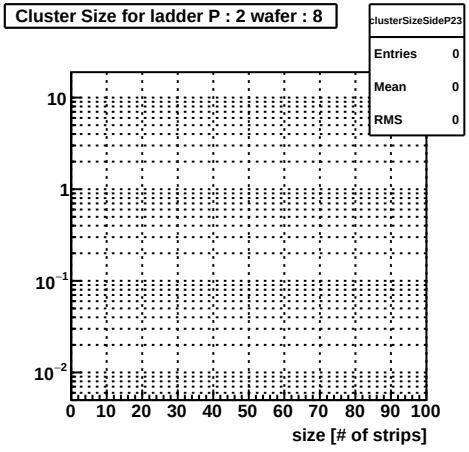

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

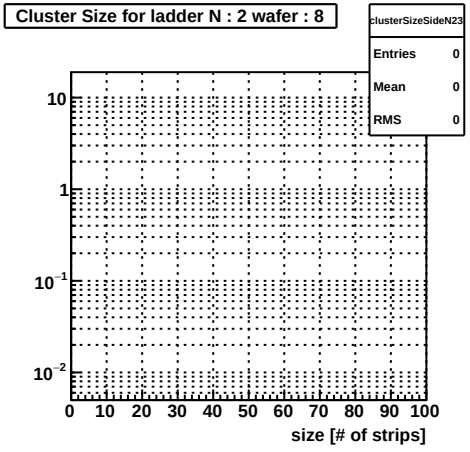

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

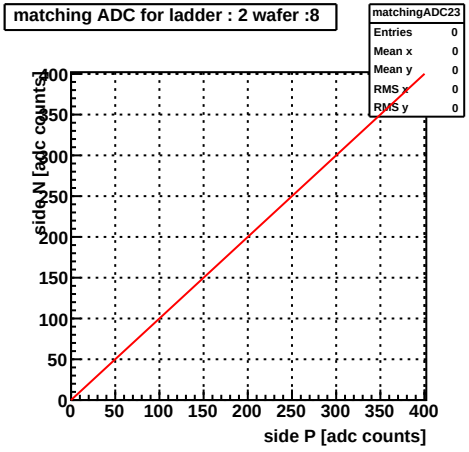

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

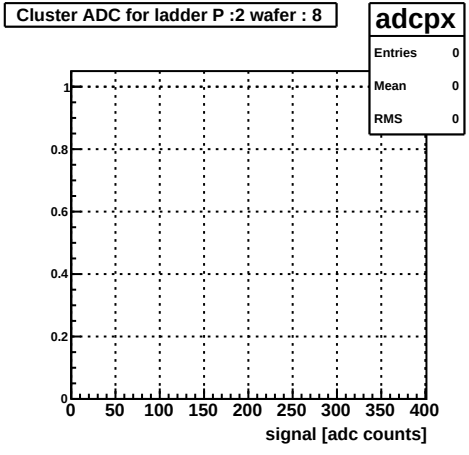

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

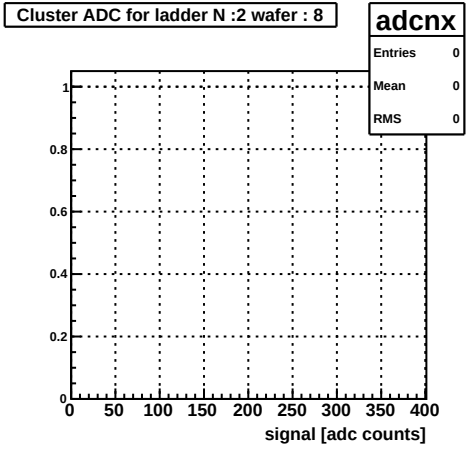

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

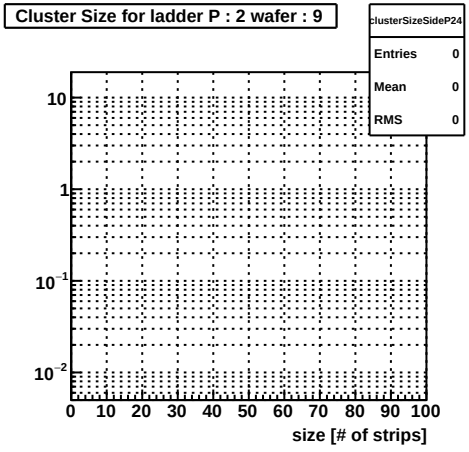

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

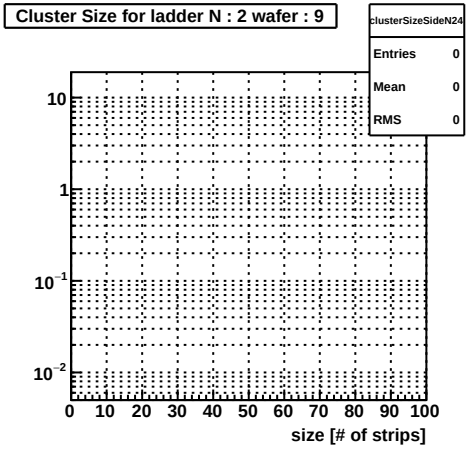

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

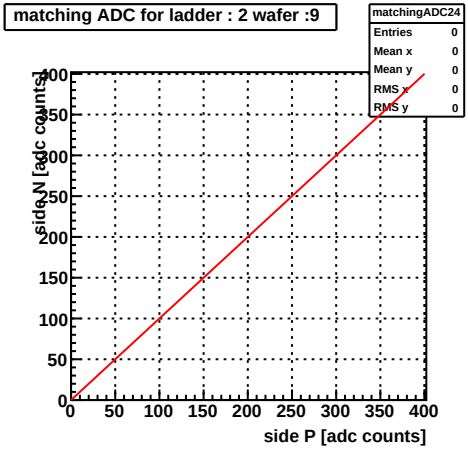

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

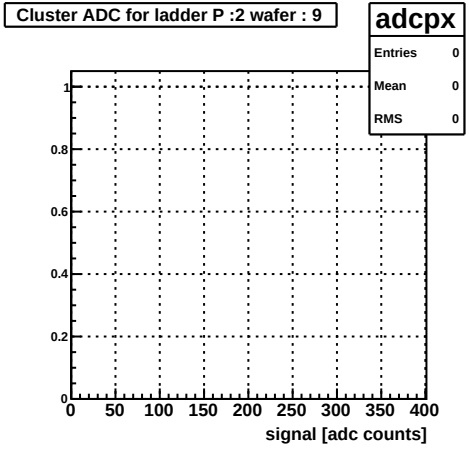

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

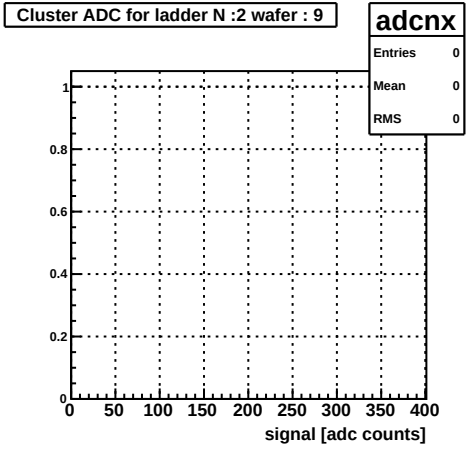

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

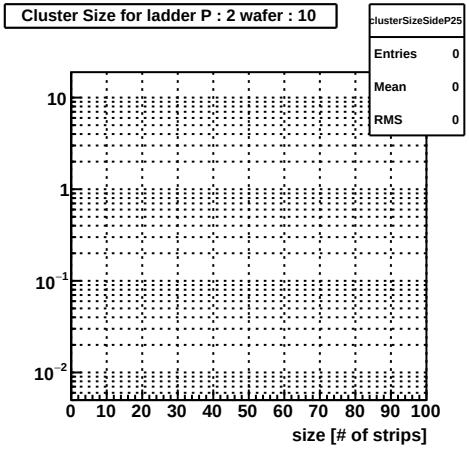

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

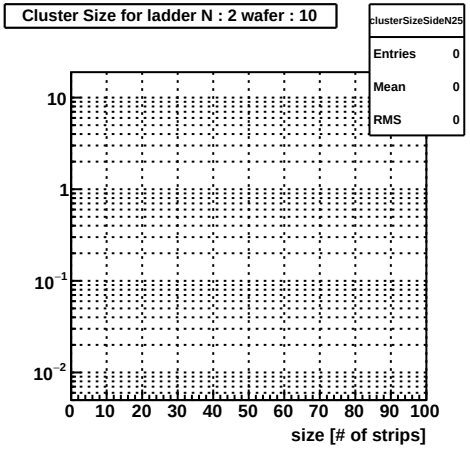

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

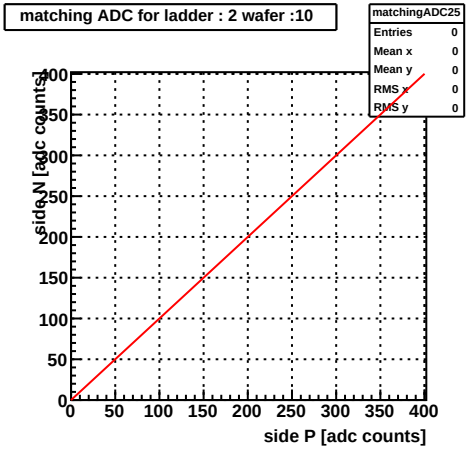

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

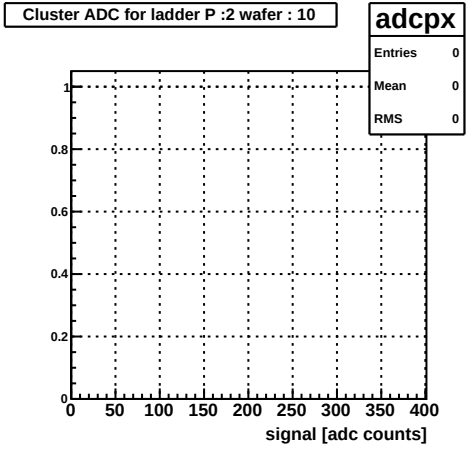

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

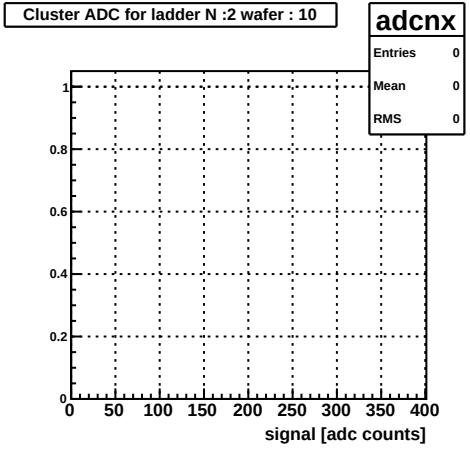

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

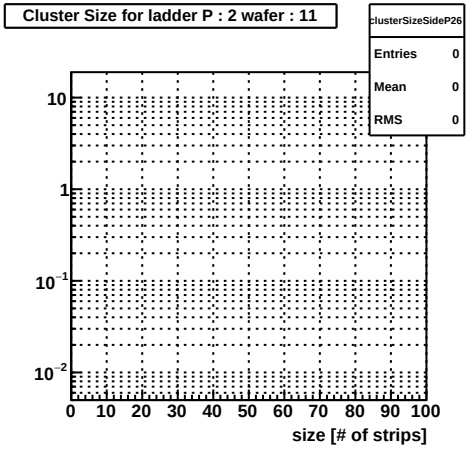

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

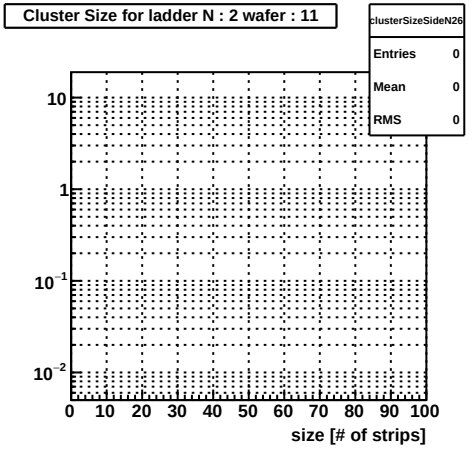

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

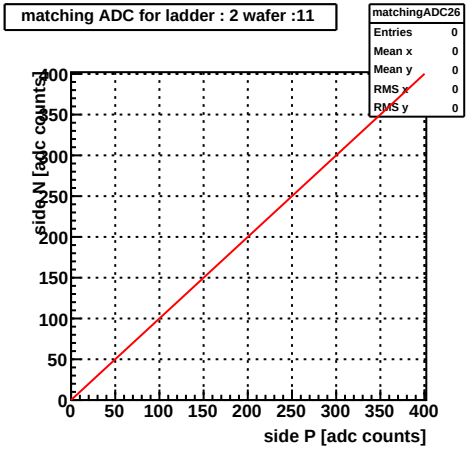

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

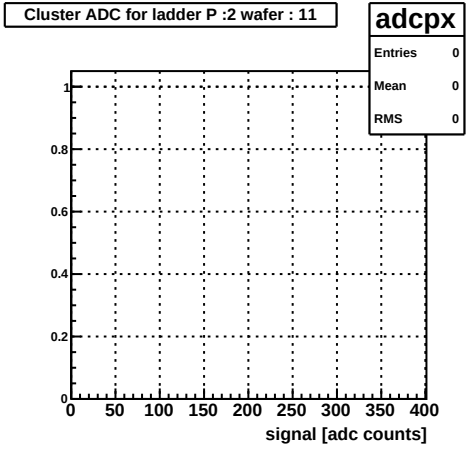

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

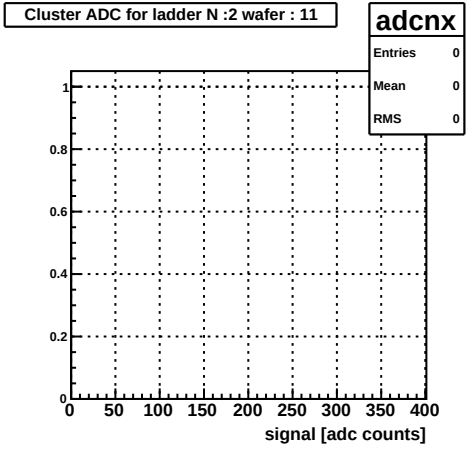

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

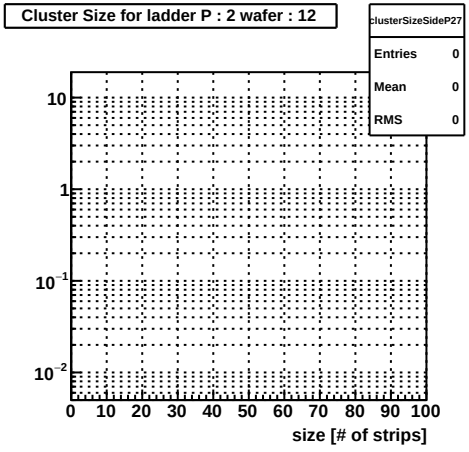

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

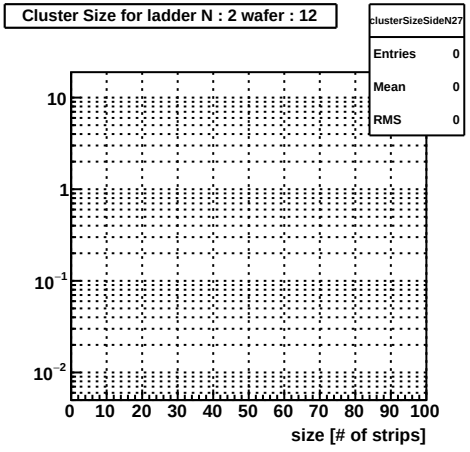

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

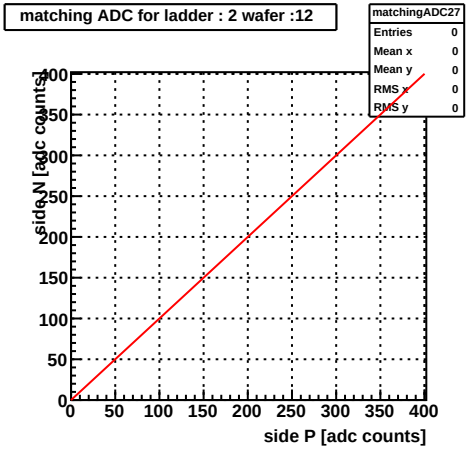

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

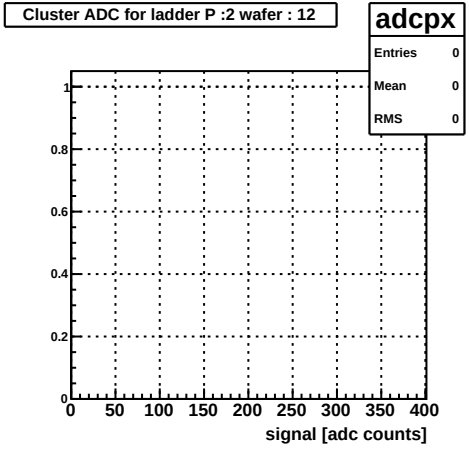

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

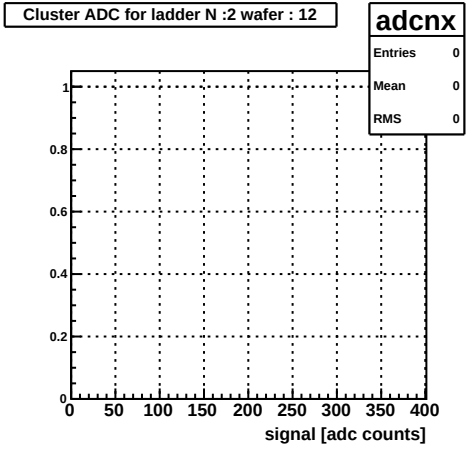

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

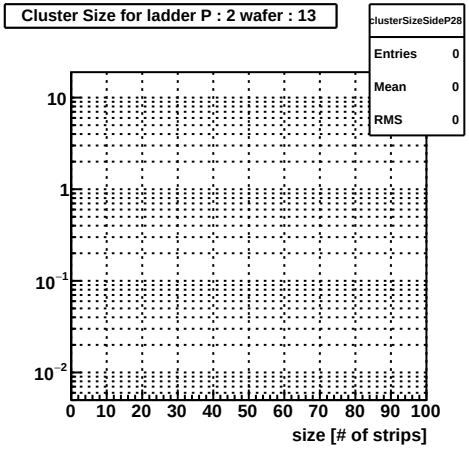

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

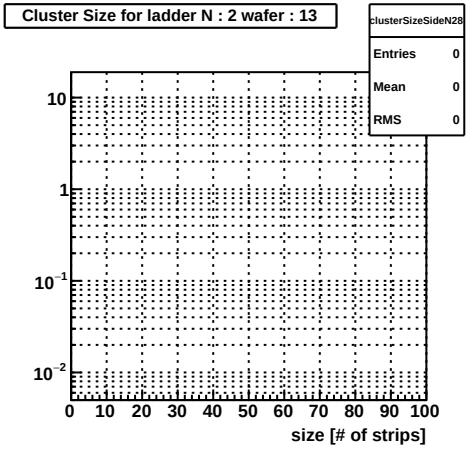

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

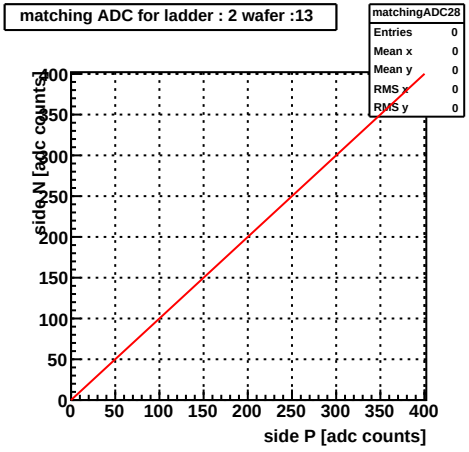

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

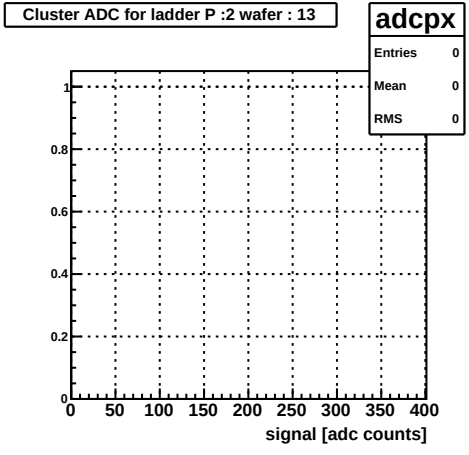

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

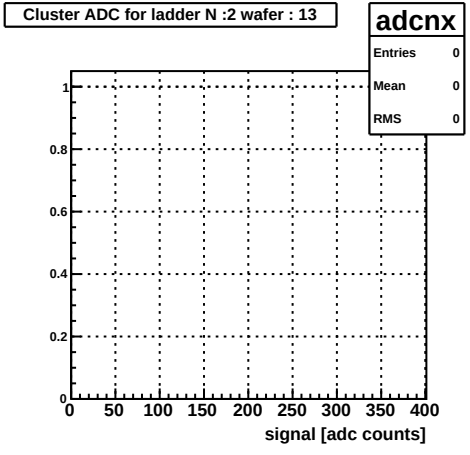

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

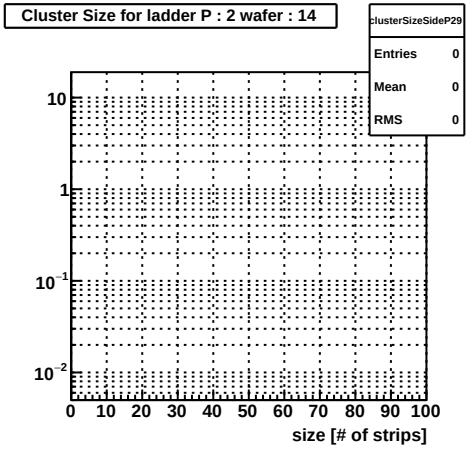

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

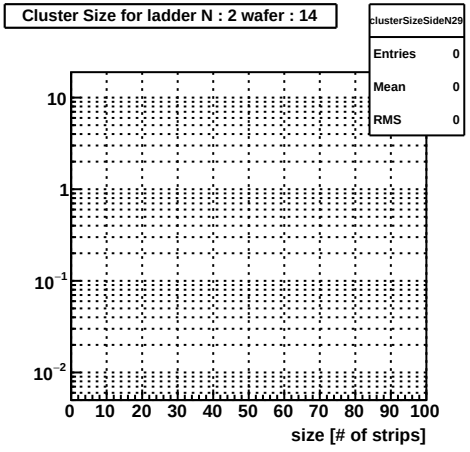

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

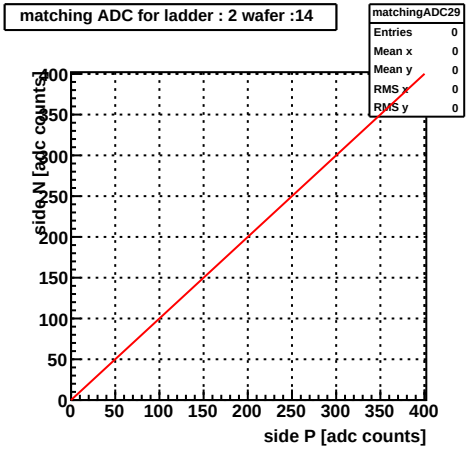

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

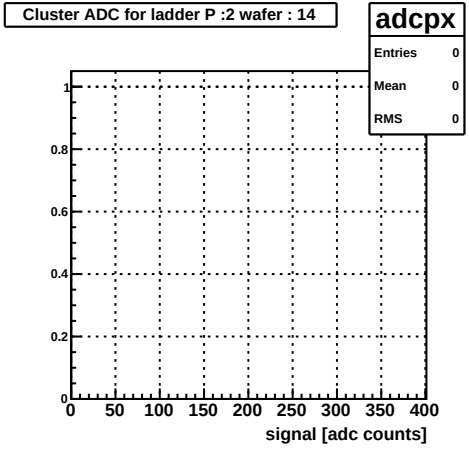

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

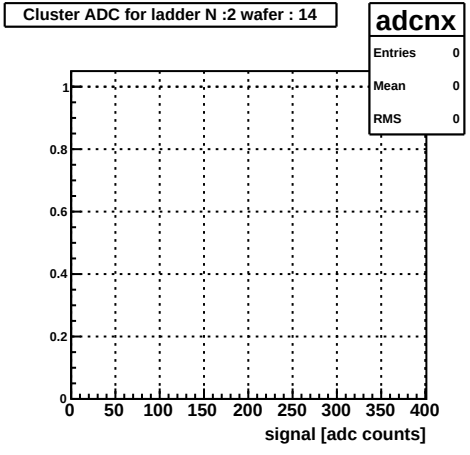

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

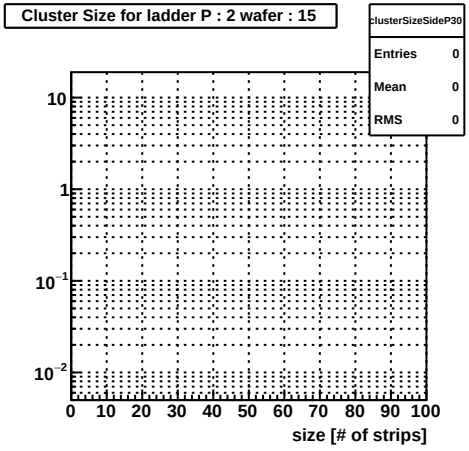

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

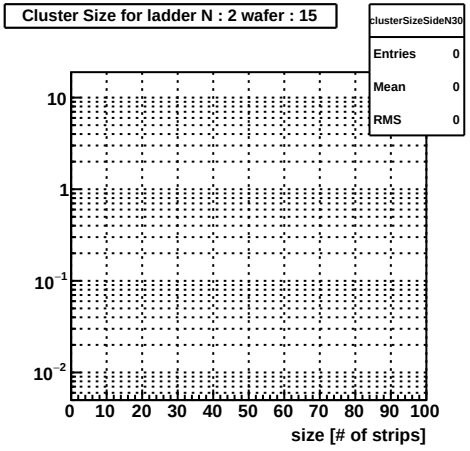

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

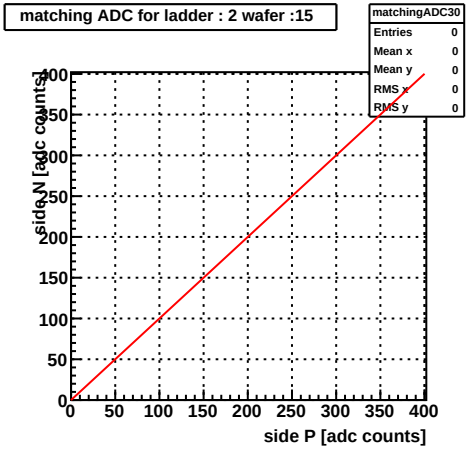

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

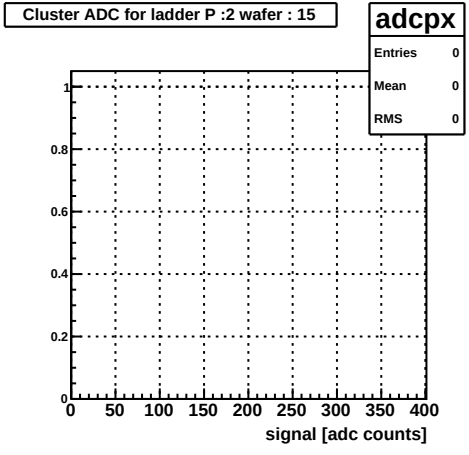

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

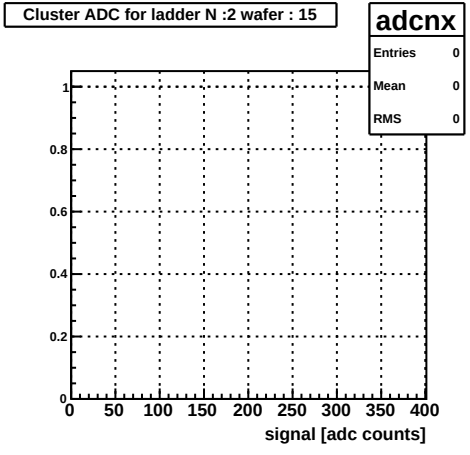

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

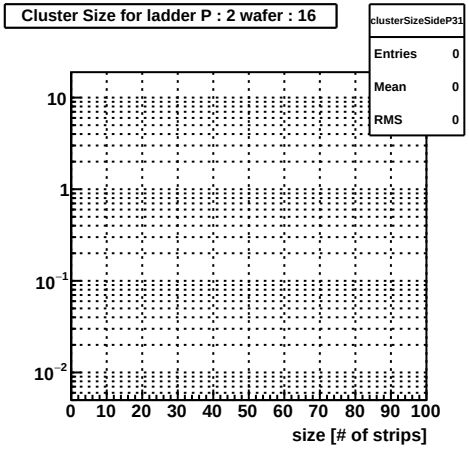

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

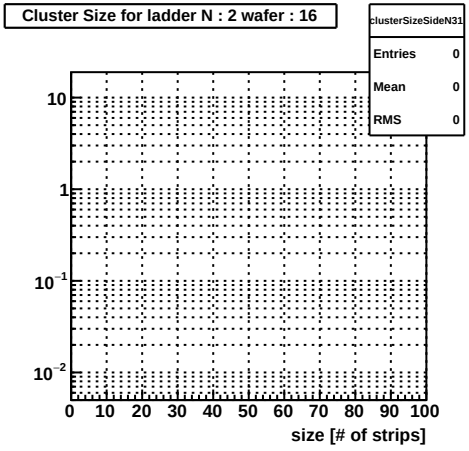

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

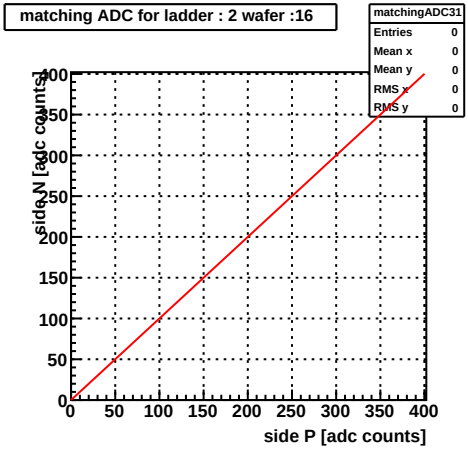

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

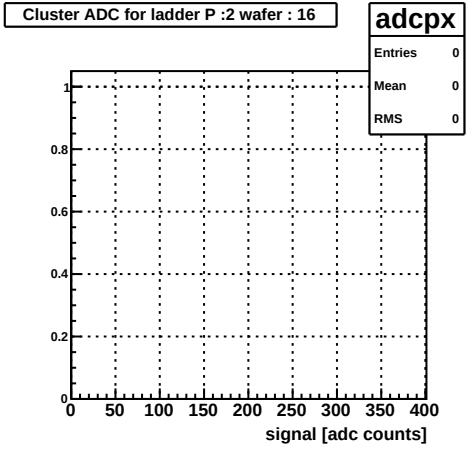

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

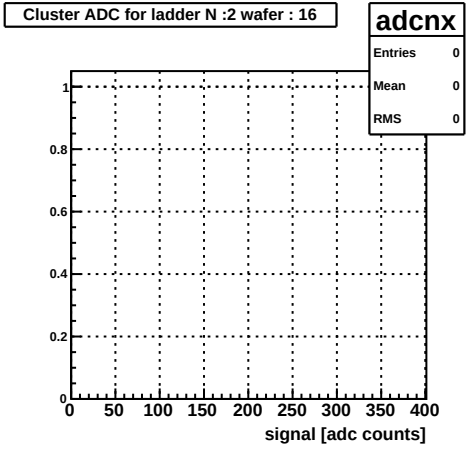

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

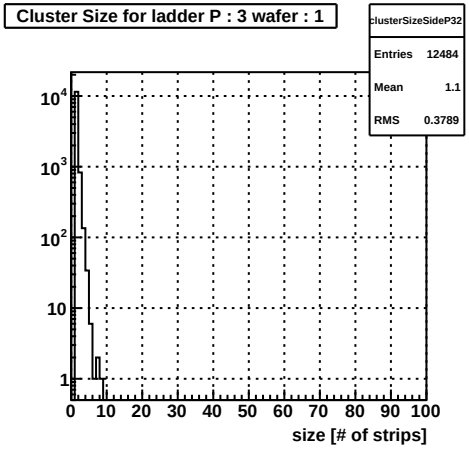

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

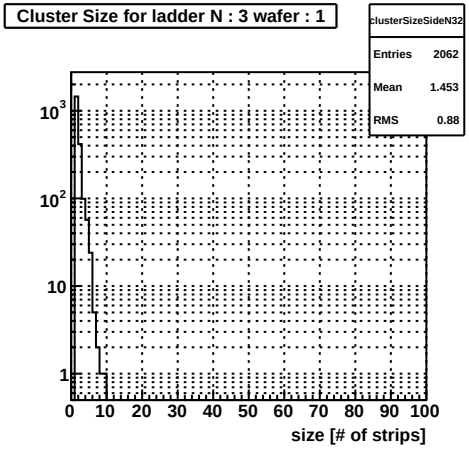

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

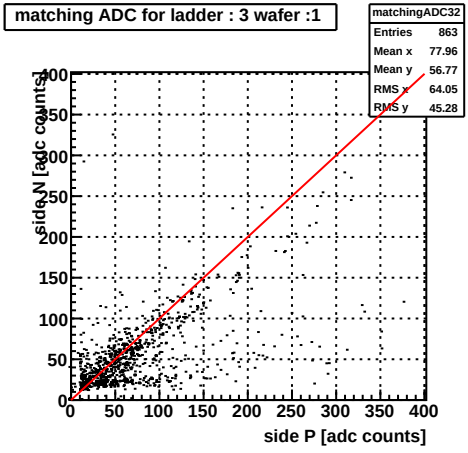

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

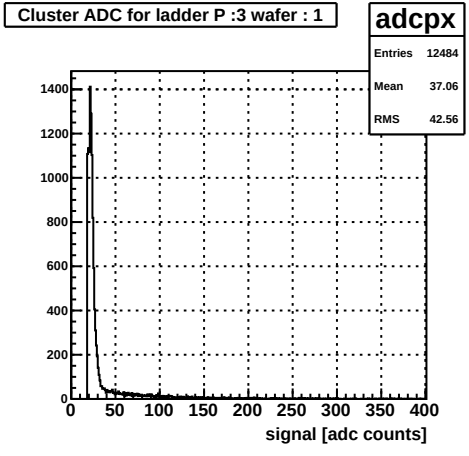

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

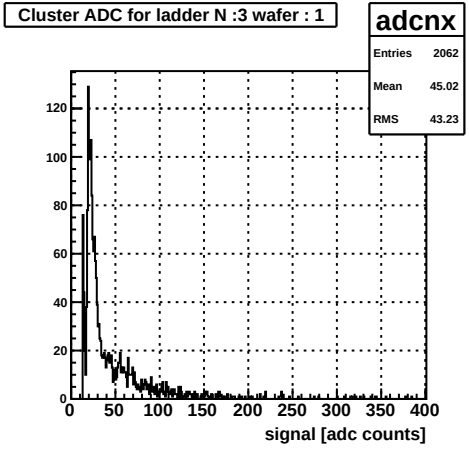

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

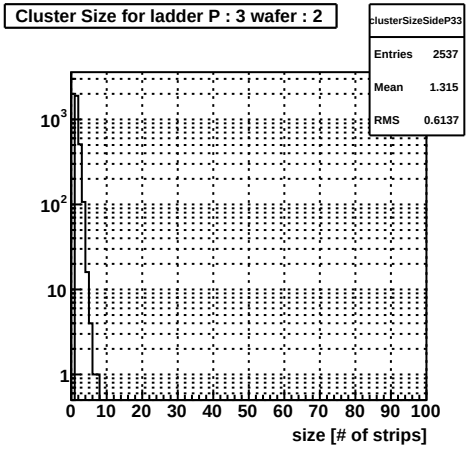

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 12484
Mean 1.1
RMS 0.3789
size [# of strips]

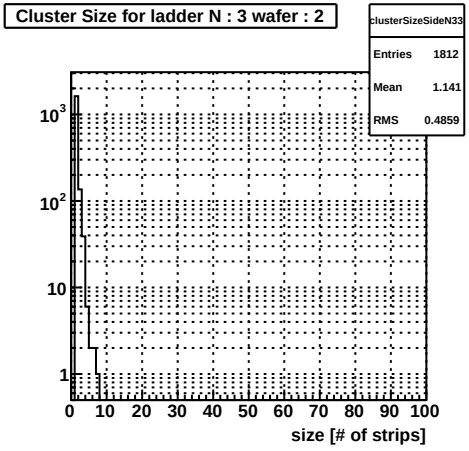

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2062
Mean 1.453
RMS 0.88
size [# of strips]

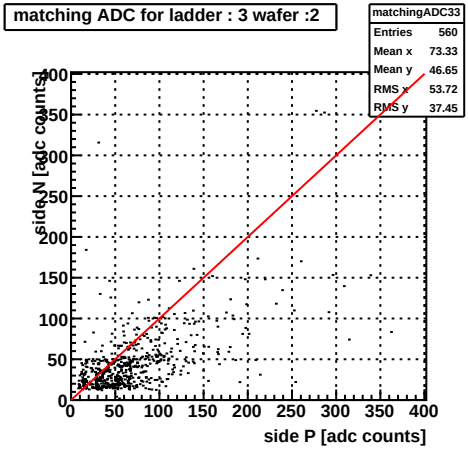

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 863
Mean x 77.96
Mean y 56.77
RMS x 64.05
RMS y 45.28
side N [adc counts]
side P [adc counts]

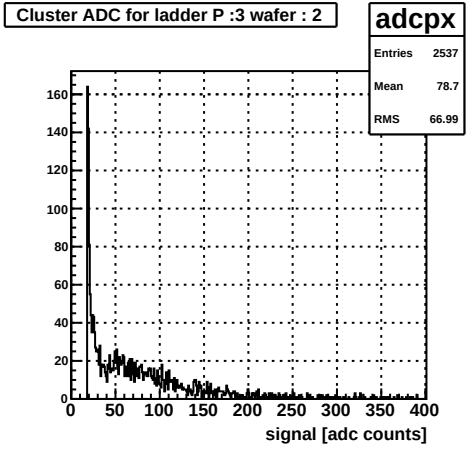

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 12484
Mean 37.06
RMS 42.56
signal [adc counts]

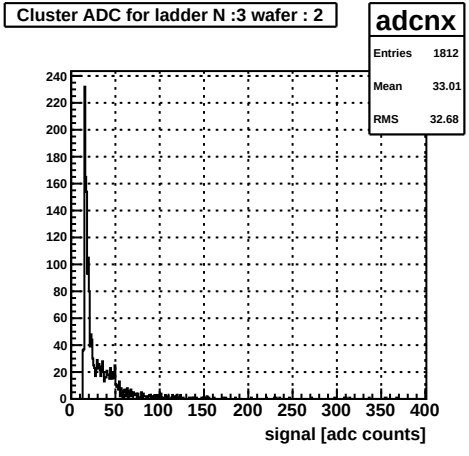

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2062
Mean 45.02
RMS 43.23
signal [adc counts]

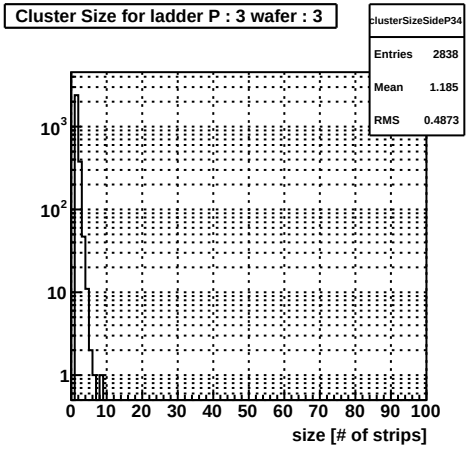

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2537
Mean 1.315
RMS 0.6137
size [# of strips]

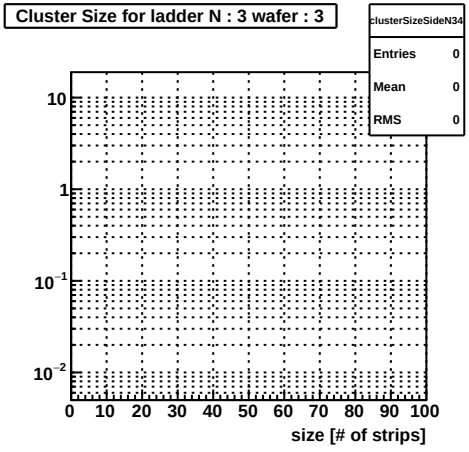

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1812
Mean 1.141
RMS 0.4859
size [# of strips]

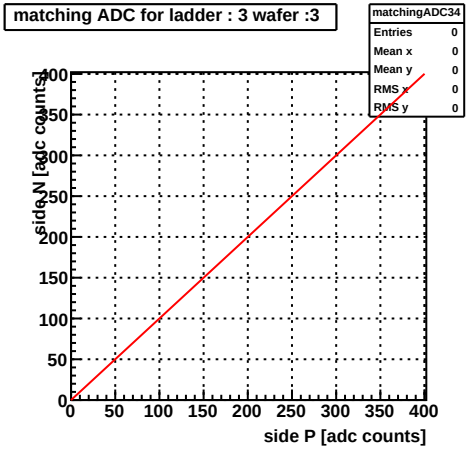

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 560
Mean x 73.33
Mean y 46.65
RMS x 53.72
RMS y 37.45
side N [adc counts]
side P [adc counts]

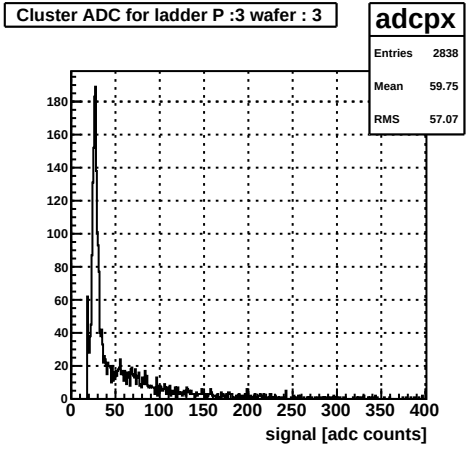

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2537
Mean 78.7
RMS 66.99
signal [adc counts]

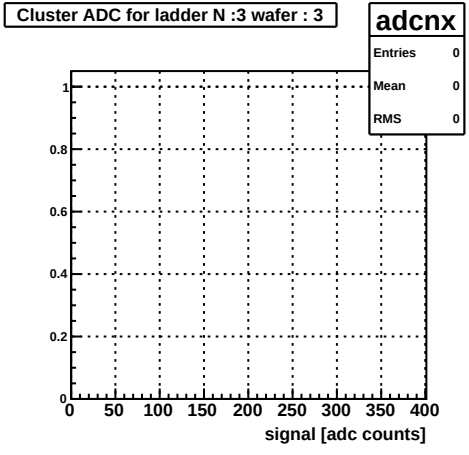

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1812
Mean 33.01
RMS 32.68
signal [adc counts]

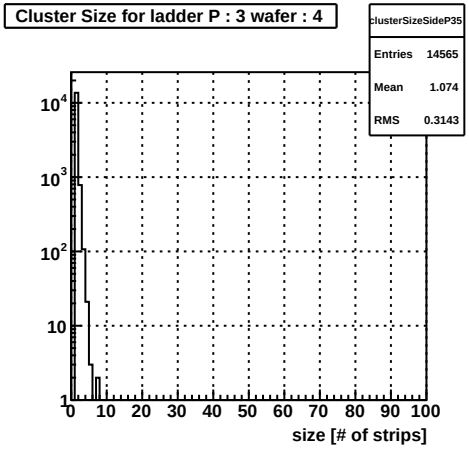

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2838
Mean 1.185
RMS 0.4873
size [# of strips]

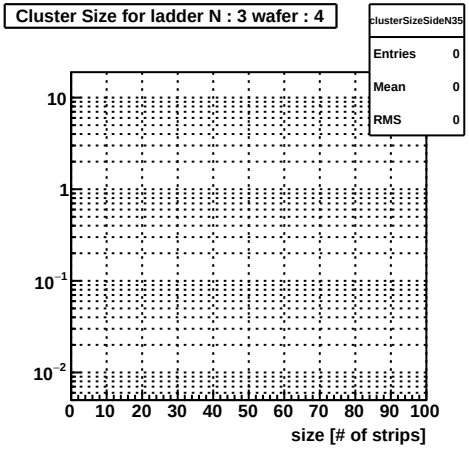

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

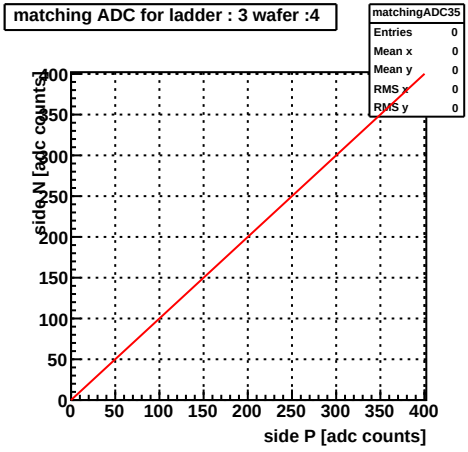

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

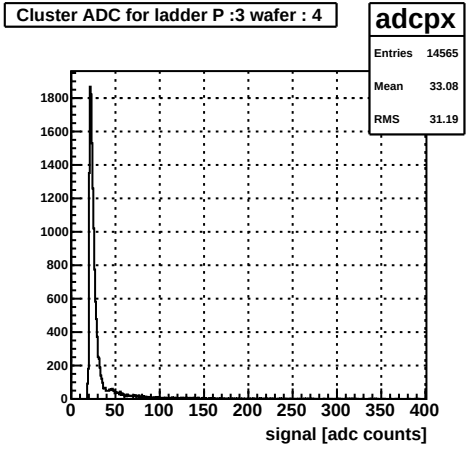

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2838
Mean 59.75
RMS 57.07
signal [adc counts]

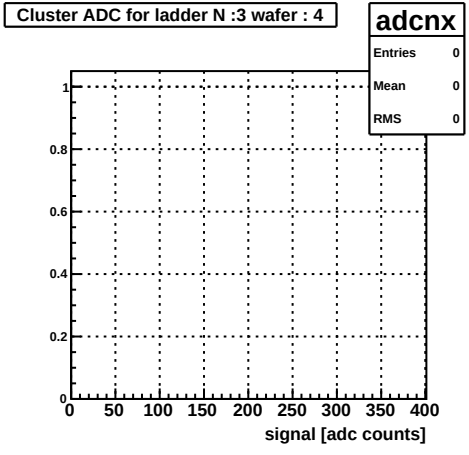

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

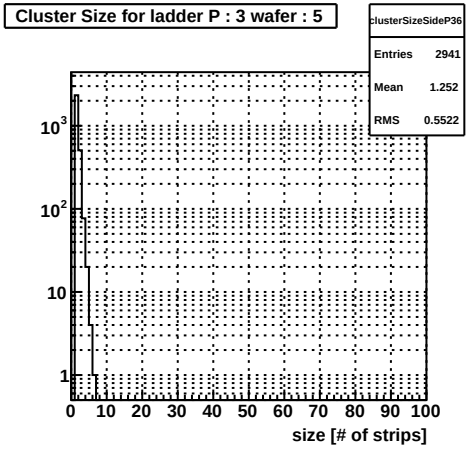

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 14565
Mean 1.074
RMS 0.3143
size [# of strips]

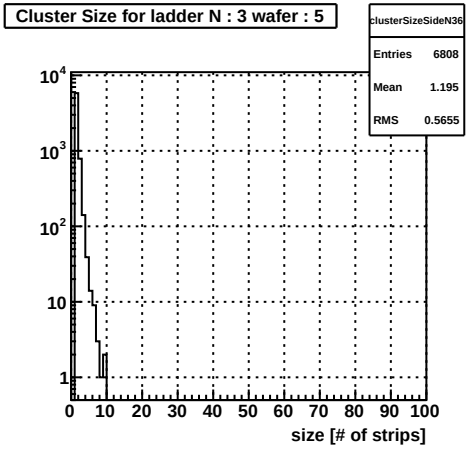

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

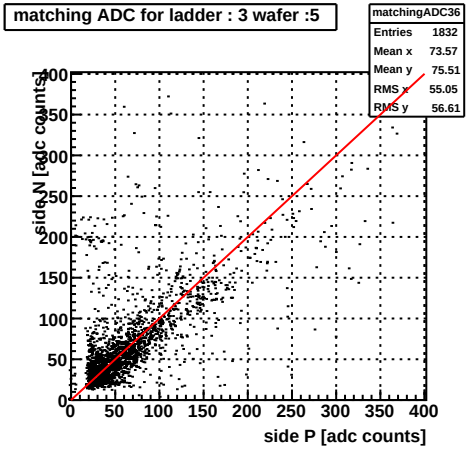

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

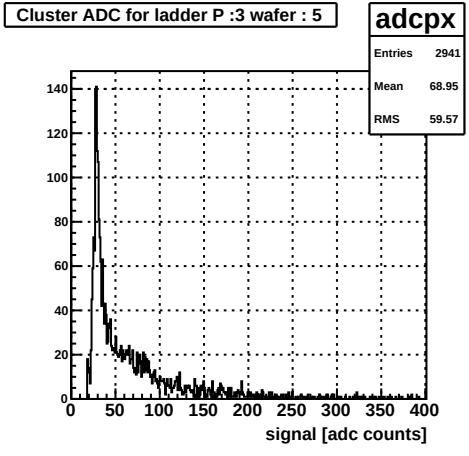

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 14565
Mean 33.08
RMS 31.19
signal [adc counts]

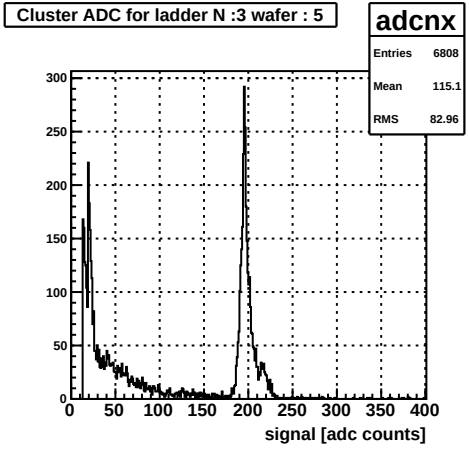

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

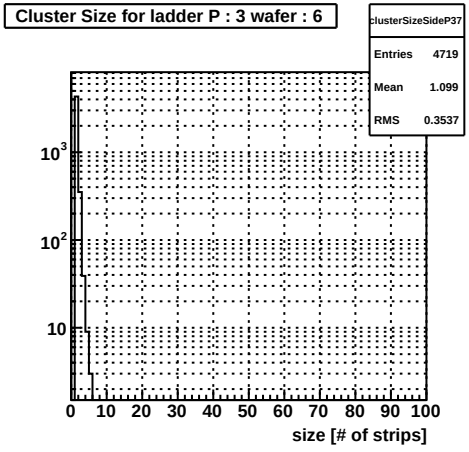

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2941
Mean 1.252
RMS 0.5522
size [# of strips]

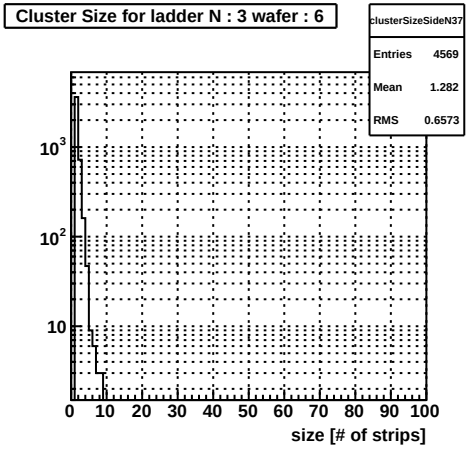

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6808
Mean 1.195
RMS 0.5655
size [# of strips]

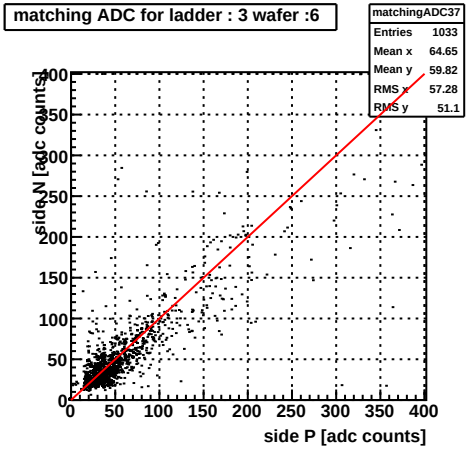

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1832
Mean x 73.57
Mean y 75.51
RMS x 55.05
RMS y 56.61
side N [adc counts]
side P [adc counts]

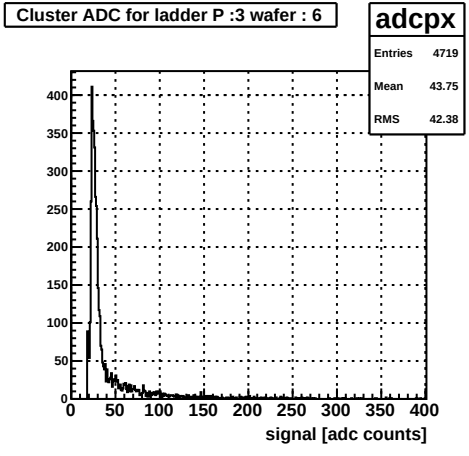

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2941
Mean 68.95
RMS 59.57
signal [adc counts]

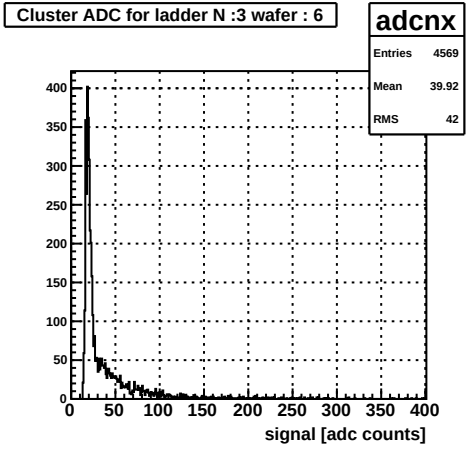

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6808
Mean 115.1
RMS 82.96
signal [adc counts]

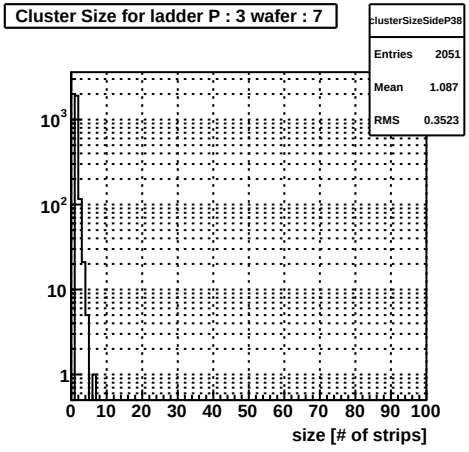

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4719
Mean 1.099
RMS 0.3537
size [# of strips]

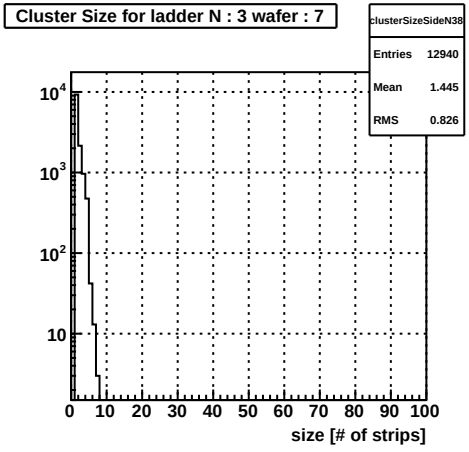

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4569
Mean 1.282
RMS 0.6573
size [# of strips]

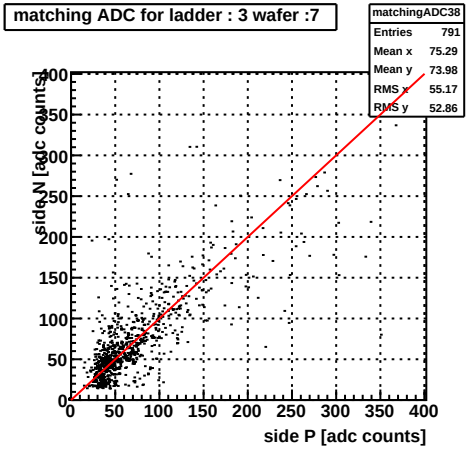

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1033
Mean x 64.65
Mean y 59.82
RMS x 57.28
RMS y 51.1
side N [adc counts]
side P [adc counts]

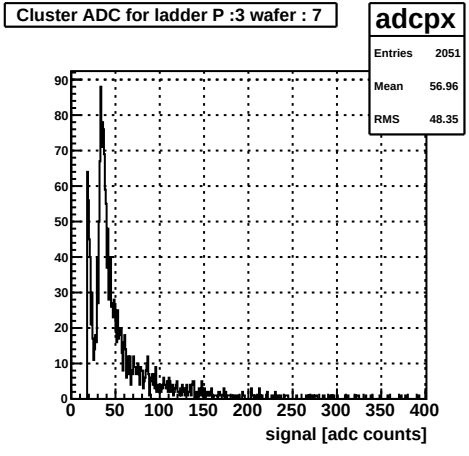

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4719
Mean 43.75
RMS 42.38
signal [adc counts]

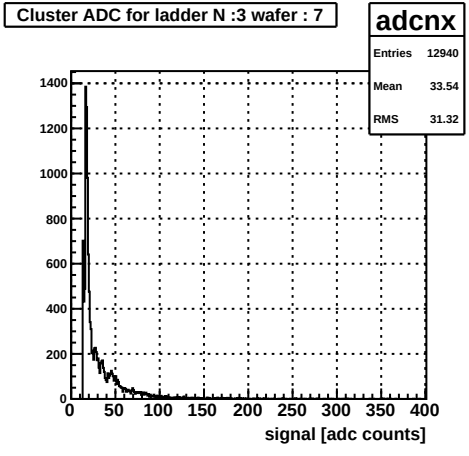

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4569
Mean 39.92
RMS 42
signal [adc counts]

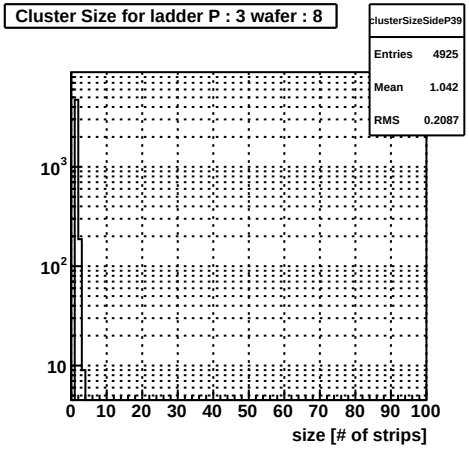

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2051
Mean 1.087
RMS 0.3523
size [# of strips]

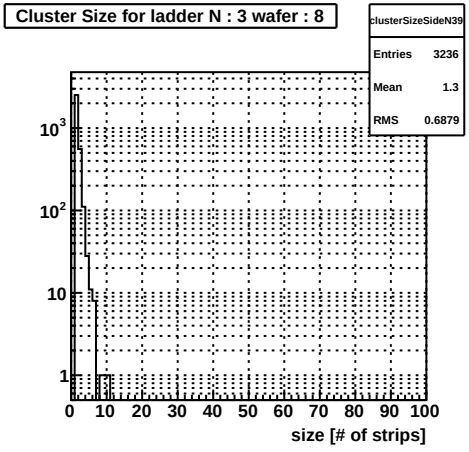

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 12940
Mean 1.445
RMS 0.826
size [# of strips]

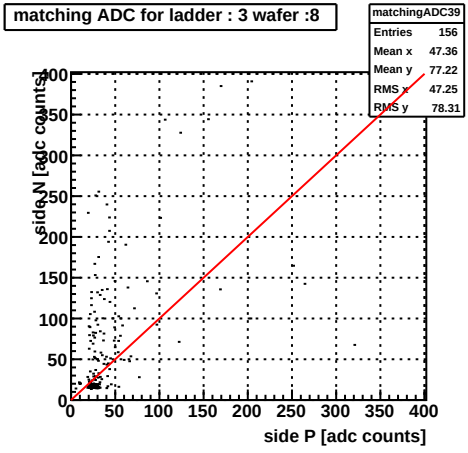

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 791
Mean x 75.29
Mean y 73.98
RMS x 55.17
RMS y 52.86
side N [adc counts]
side P [adc counts]

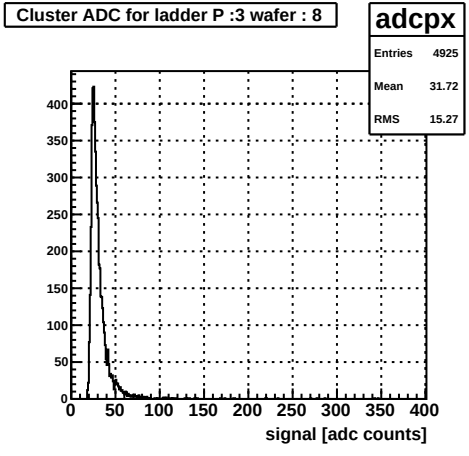

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2051
Mean 56.96
RMS 48.35
signal [adc counts]

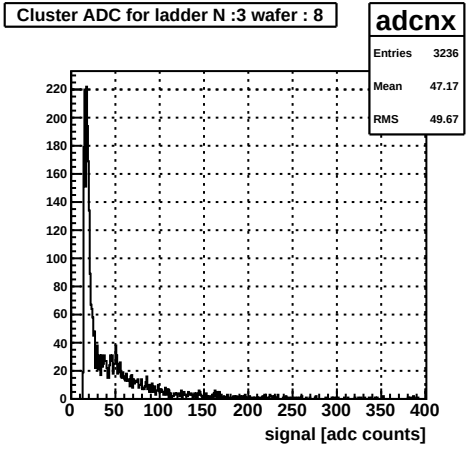

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 12940
Mean 33.54
RMS 31.32
signal [adc counts]

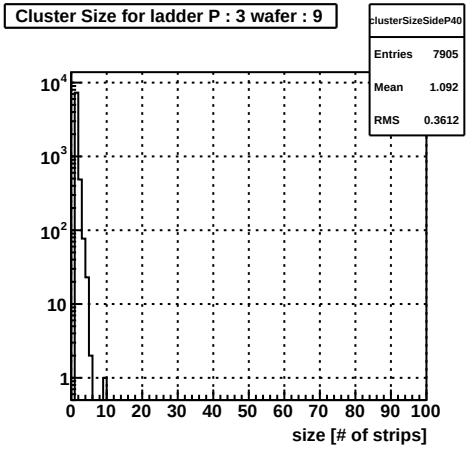

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4925
Mean 1.042
RMS 0.2087
size [# of strips]

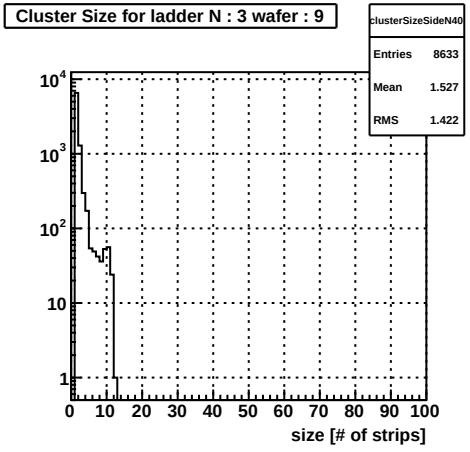

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3236
Mean 1.3
RMS 0.6879
size [# of strips]

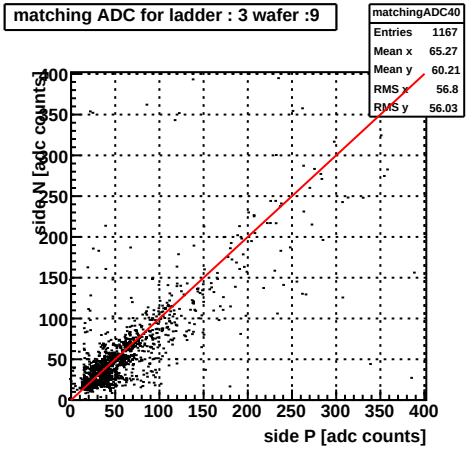

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 156
Mean x 47.36
Mean y 77.22
RMS x 47.25
RMS y 78.31
side N [adc counts]
side P [adc counts]

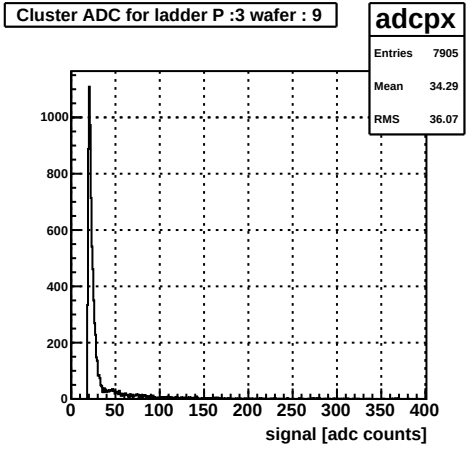

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4925
Mean 31.72
RMS 15.27
signal [adc counts]

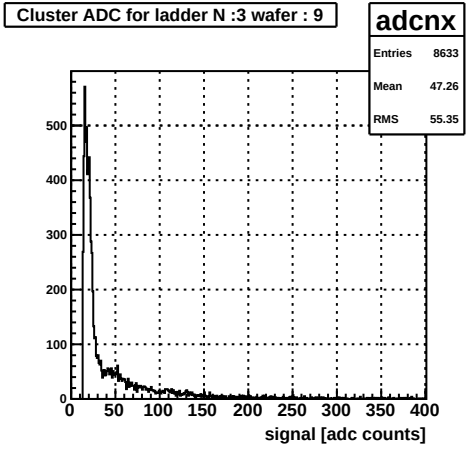

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3236
Mean 47.17
RMS 49.67
signal [adc counts]

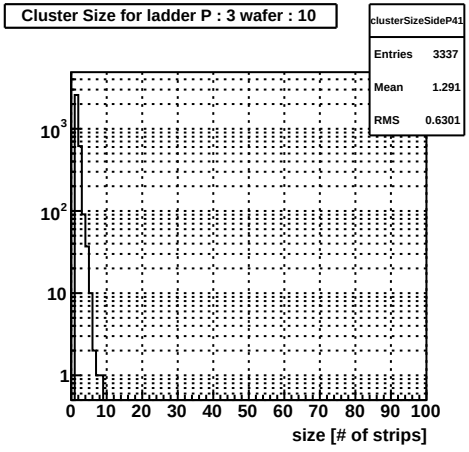

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 7905
Mean 1.092
RMS 0.3612
size [# of strips]

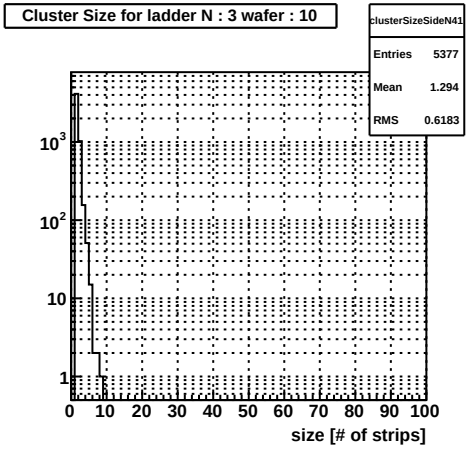

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8633
Mean 1.527
RMS 1.422
size [# of strips]

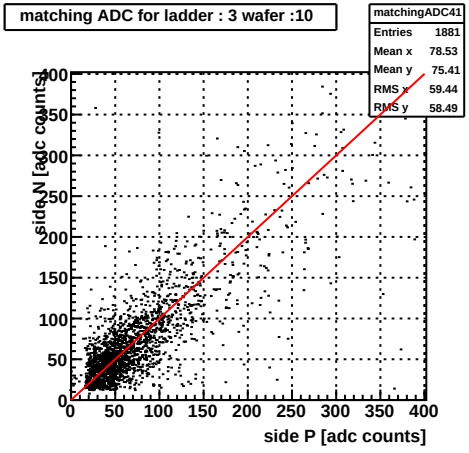

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1167
Mean x 65.27
Mean y 60.21
RMS x 56.8
RMS y 56.03
side N [adc counts]
side P [adc counts]

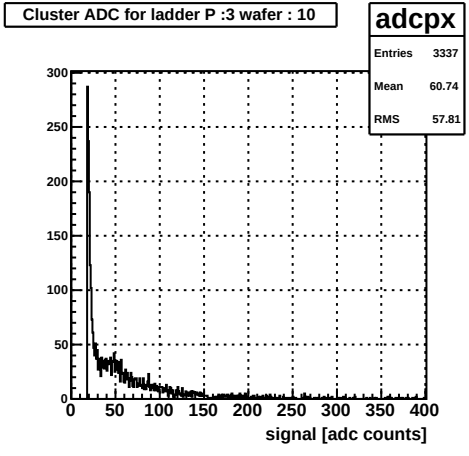

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 7905
Mean 34.29
RMS 36.07
signal [adc counts]

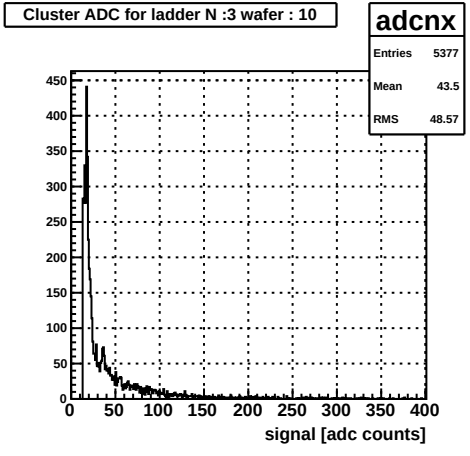

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8633
Mean 47.26
RMS 55.35
signal [adc counts]

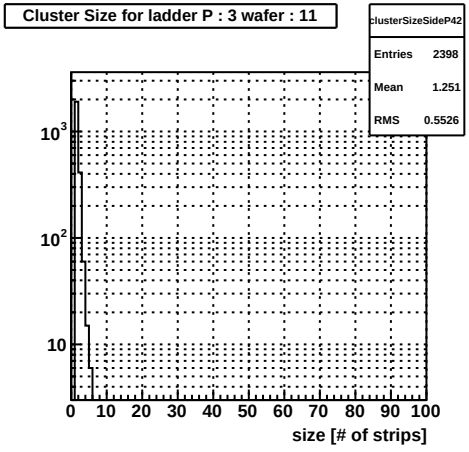

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3337
Mean 1.291
RMS 0.6301
size [# of strips]

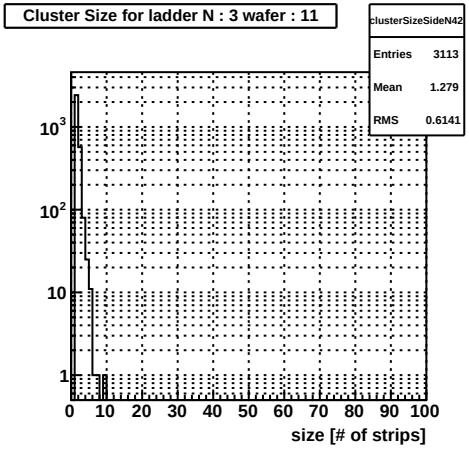

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5377
Mean 1.294
RMS 0.6183
size [# of strips]

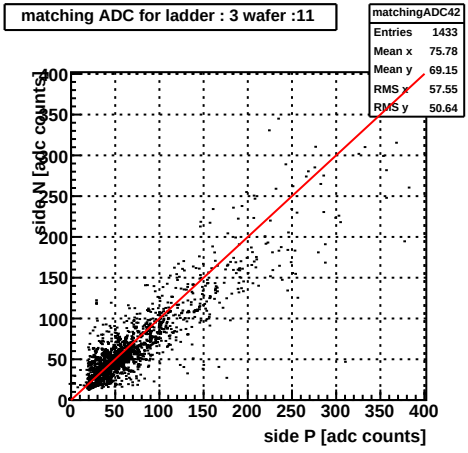

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1881
Mean x 78.53
Mean y 75.41
RMS x 59.44
RMS y 58.49
side N [adc counts]
side P [adc counts]

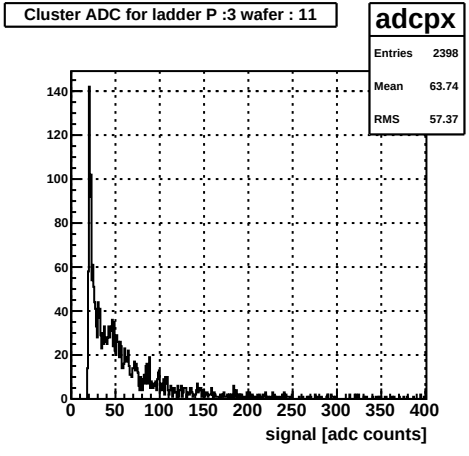

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3337
Mean 60.74
RMS 57.81
signal [adc counts]

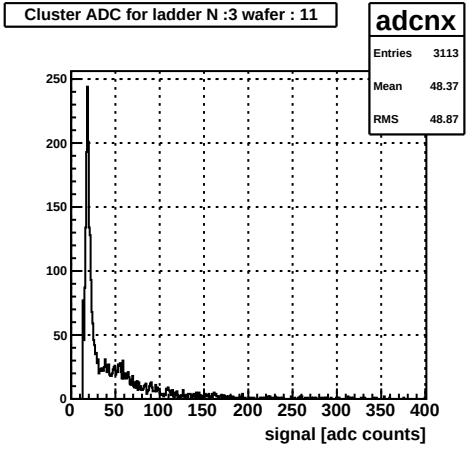

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5377
Mean 43.5
RMS 48.57
signal [adc counts]

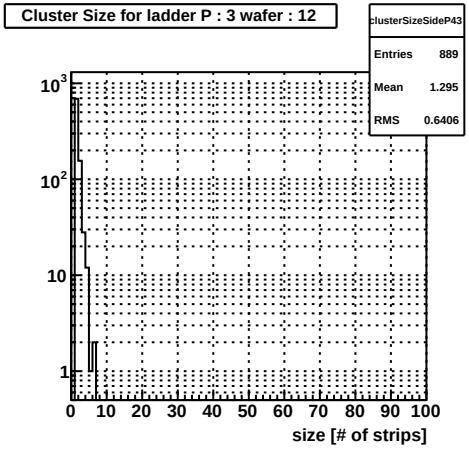

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2398
Mean 1.251
RMS 0.5526
size [# of strips]

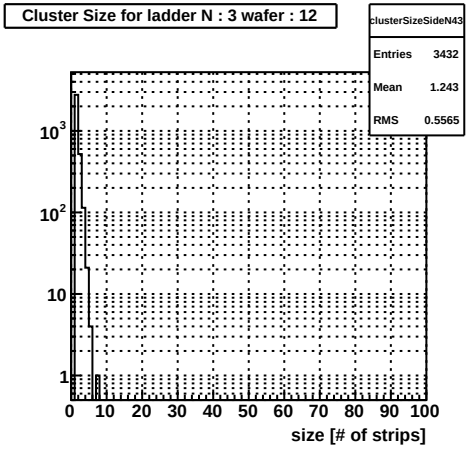

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3113
Mean 1.279
RMS 0.6141
size [# of strips]

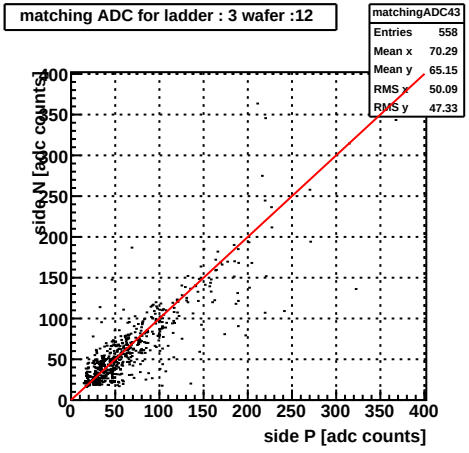

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1433
Mean x 75.78
Mean y 69.15
RMS x 57.55
RMS y 50.64
side N [adc counts]
side P [adc counts]

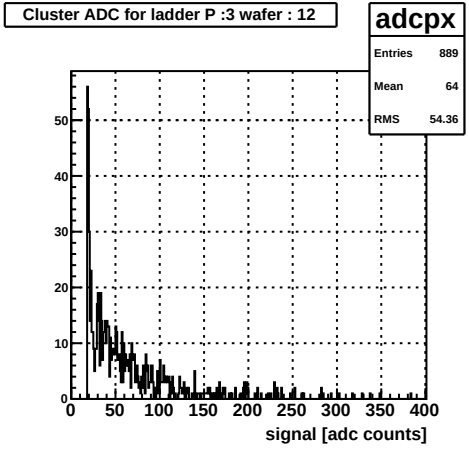

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2398
Mean 63.74
RMS 57.37
signal [adc counts]

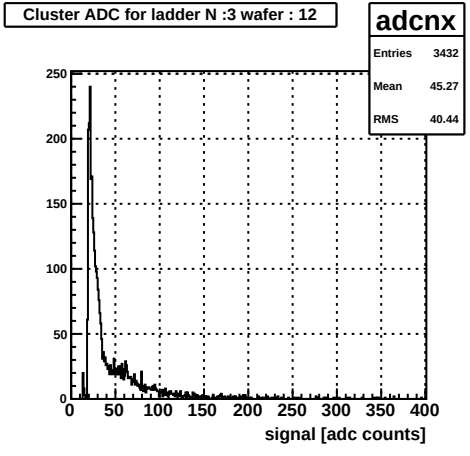

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3113
Mean 48.37
RMS 48.87
signal [adc counts]

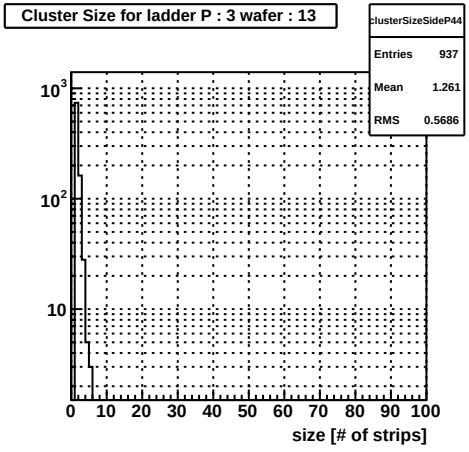

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 889
Mean 1.295
RMS 0.6406
size [# of strips]

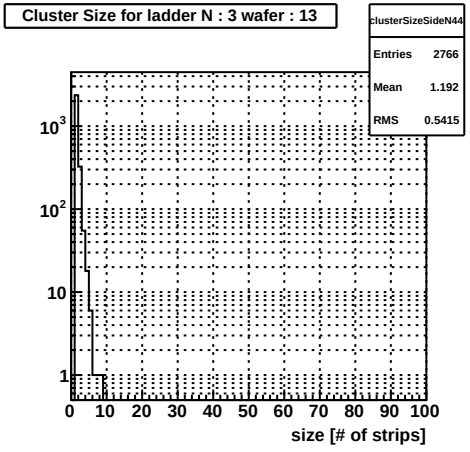

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3432
Mean 1.243
RMS 0.5565
size [# of strips]

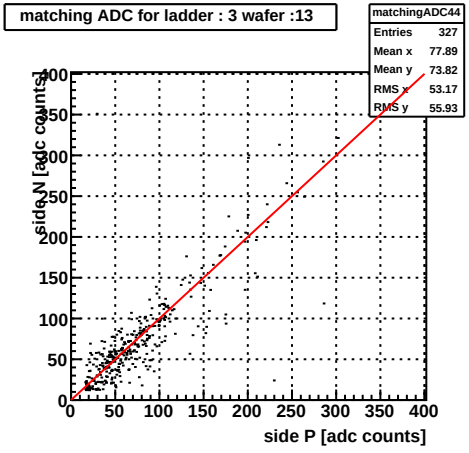

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 558
Mean x 70.29
Mean y 65.15
RMS x 50.09
RMS y 47.33
side N [adc counts]
side P [adc counts]

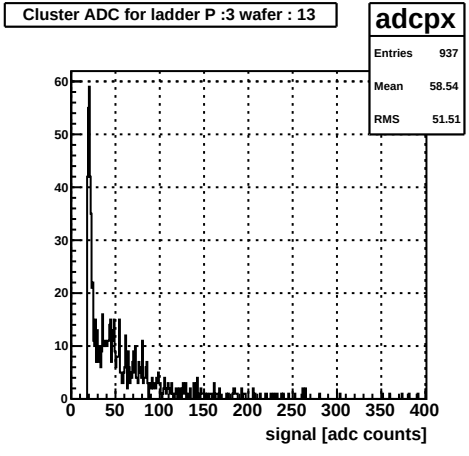

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 889
Mean 64
RMS 54.36
signal [adc counts]

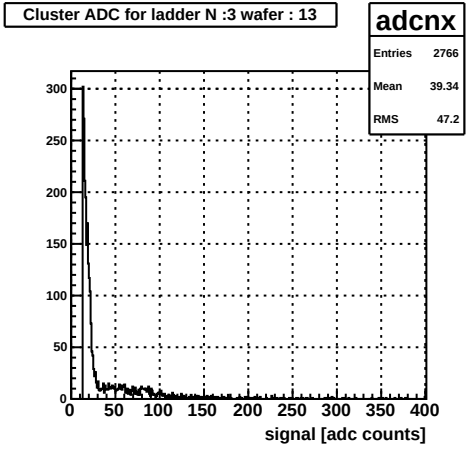

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3432
Mean 45.27
RMS 40.44
signal [adc counts]

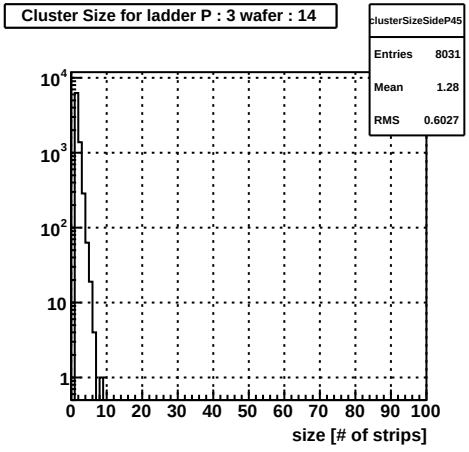

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 937
Mean 1.261
RMS 0.5686
size [# of strips]

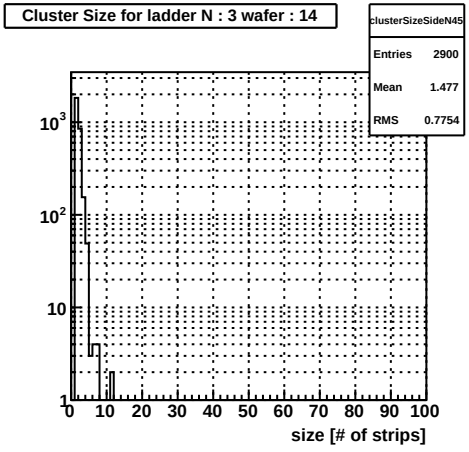

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2766
Mean 1.192
RMS 0.5415
size [# of strips]

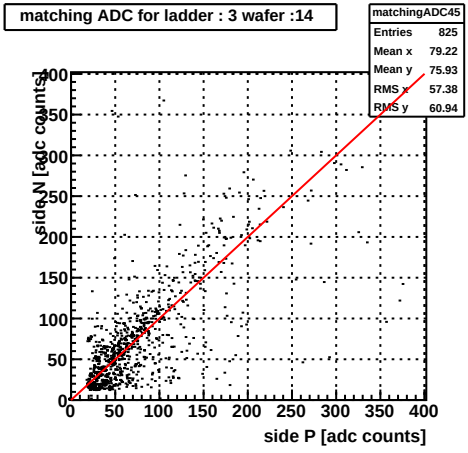

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 327
Mean x 77.89
Mean y 73.82
RMS x 53.17
RMS y 55.93
side N [adc counts]
side P [adc counts]

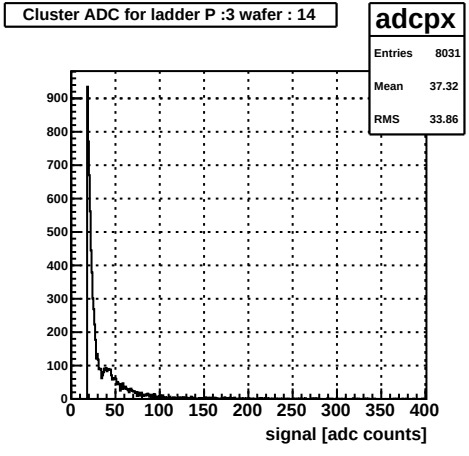

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 937
Mean 58.54
RMS 51.51
signal [adc counts]

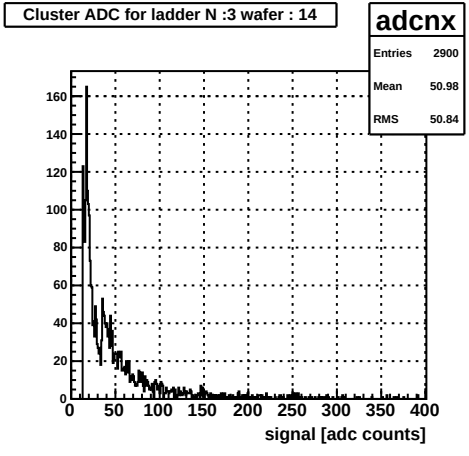

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2766
Mean 39.34
RMS 47.2
signal [adc counts]

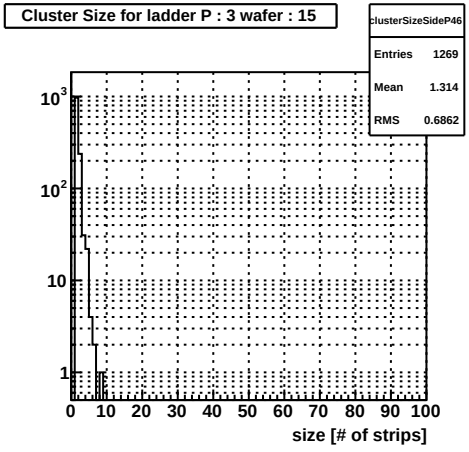

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8031
Mean 1.28
RMS 0.6027
size [# of strips]

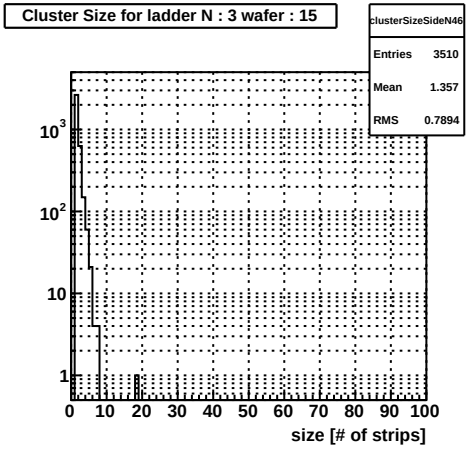

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2900
Mean 1.477
RMS 0.7754
size [# of strips]

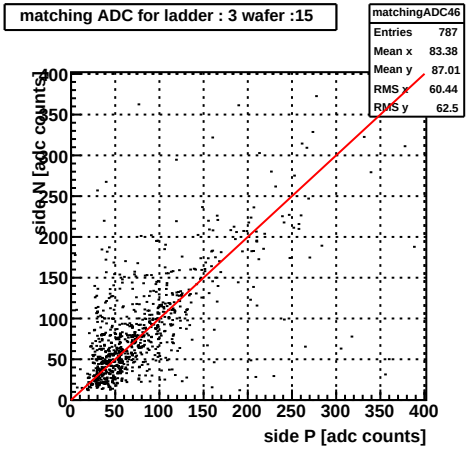

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 825
Mean x 79.22
Mean y 75.93
RMS x 57.38
RMS y 60.94
side N [adc counts]
side P [adc counts]

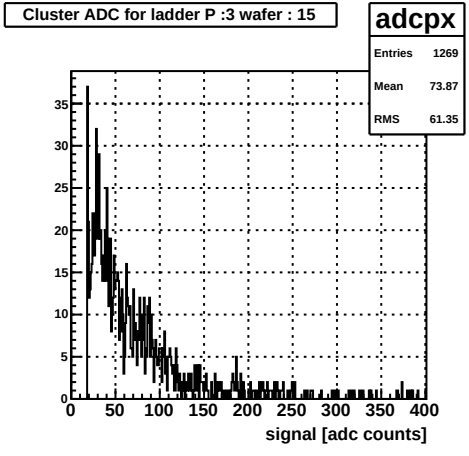

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8031
Mean 37.32
RMS 33.86
signal [adc counts]

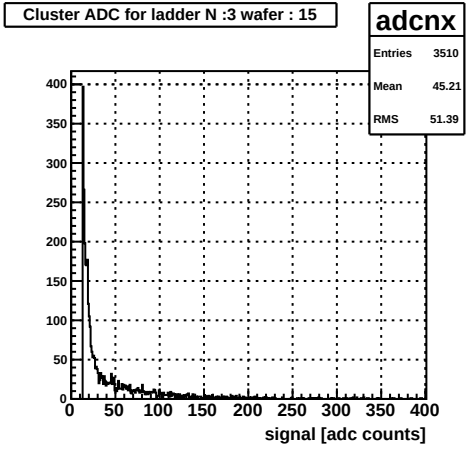

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2900
Mean 50.98
RMS 50.84
signal [adc counts]

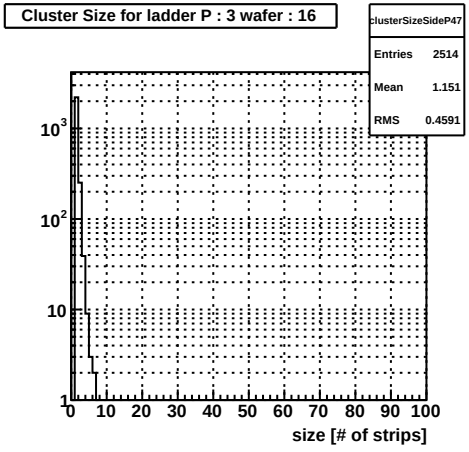

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1269
Mean 1.314
RMS 0.6862
size [# of strips]

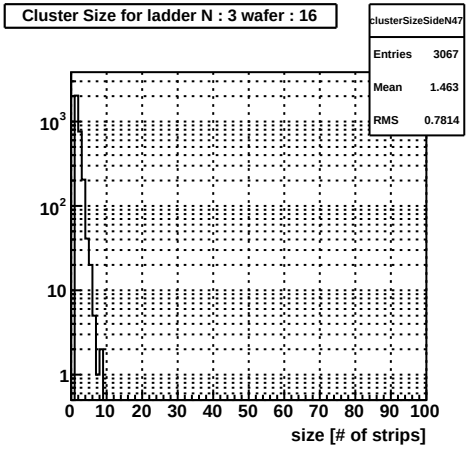

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3510
Mean 1.357
RMS 0.7894
size [# of strips]

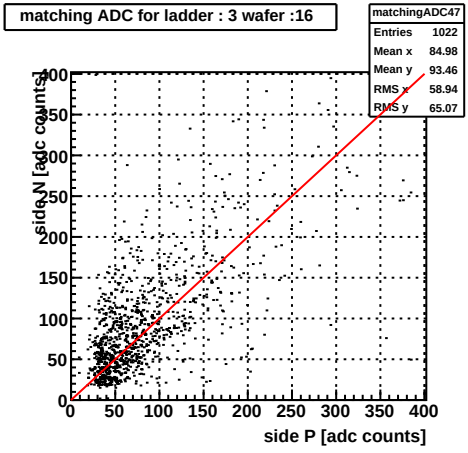

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 787
Mean x 83.38
Mean y 87.01
RMS x 60.44
RMS y 62.5
side N [adc counts]
side P [adc counts]

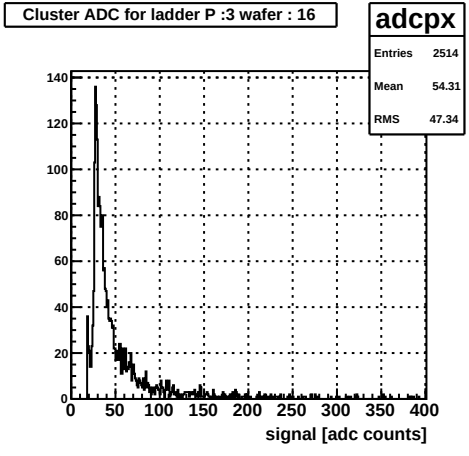

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1269
Mean 73.87
RMS 61.35
signal [adc counts]

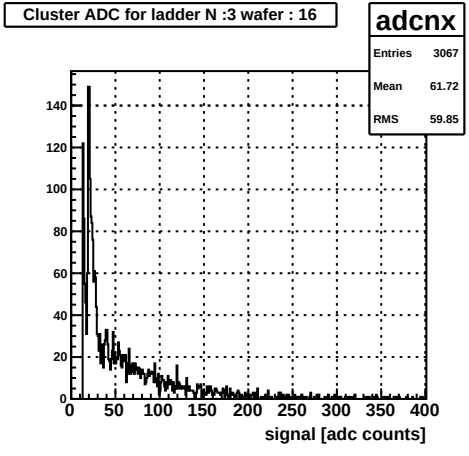

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3510
Mean 45.21
RMS 51.39
signal [adc counts]

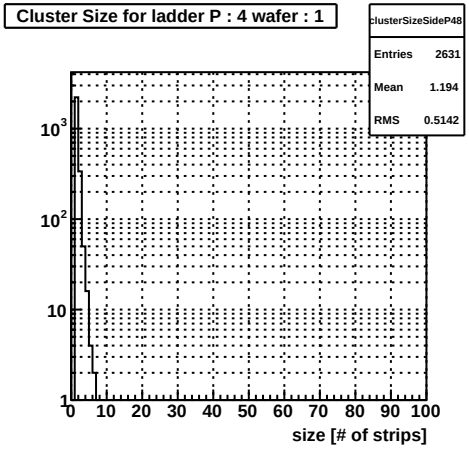

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2514
Mean 1.151
RMS 0.4591
size [# of strips]

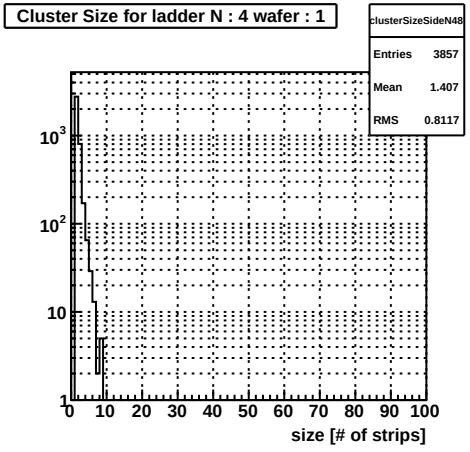

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3067
Mean 1.463
RMS 0.7814
size [# of strips]

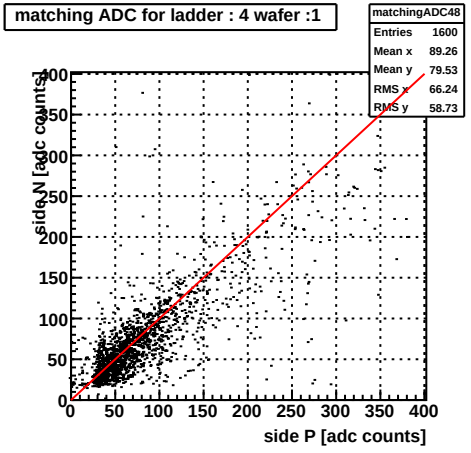

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 1022
Mean x 84.98
Mean y 93.46
RMS x 58.94
RMS y 65.07
side N [adc counts]
side P [adc counts]

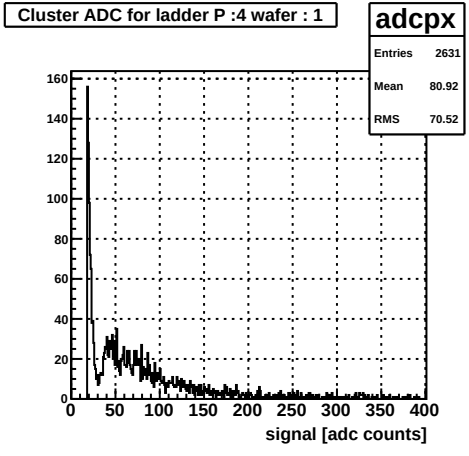

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2514
Mean 54.31
RMS 47.34
signal [adc counts]

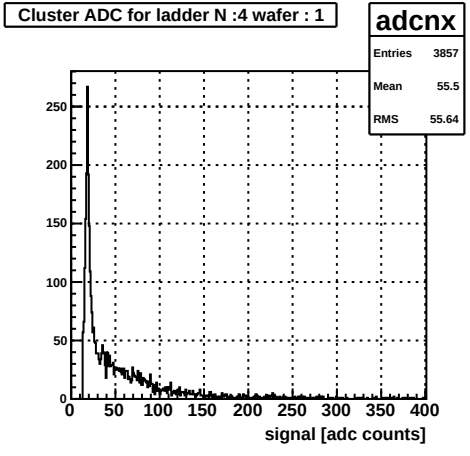

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3067
Mean 61.72
RMS 59.85
signal [adc counts]

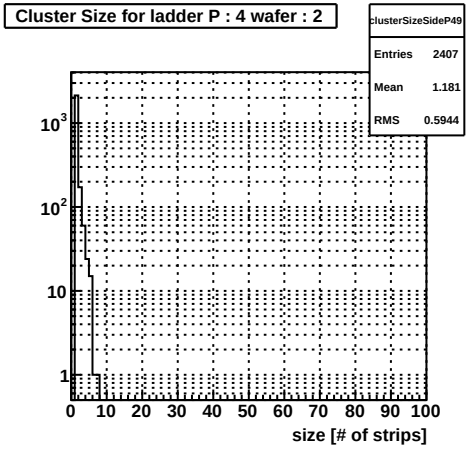

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2631
Mean 1.194
RMS 0.5142
size [# of strips]

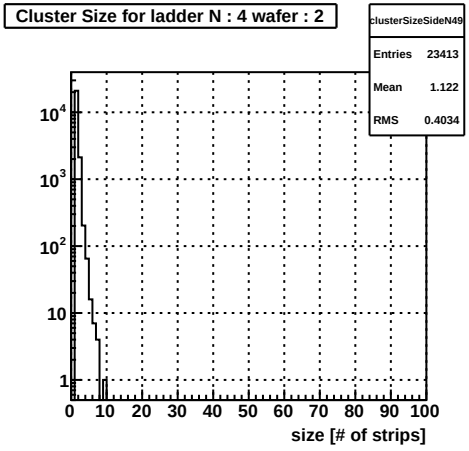

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3857
Mean 1.407
RMS 0.8117
size [# of strips]

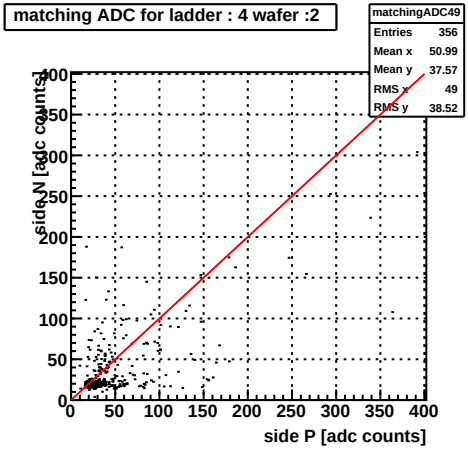

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1600
Mean x 89.26
Mean y 79.53
RMS x 66.24
RMS y 58.73
side N [adc counts]
side P [adc counts]

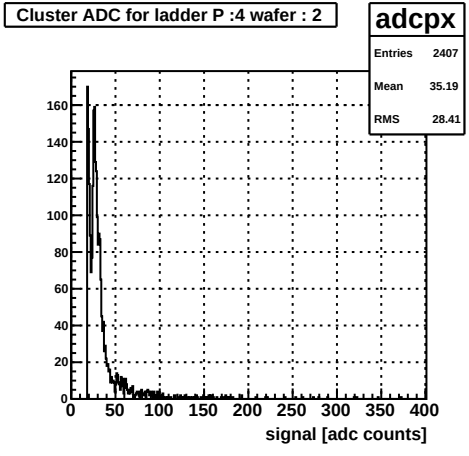

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2631
Mean 80.92
RMS 70.52
signal [adc counts]

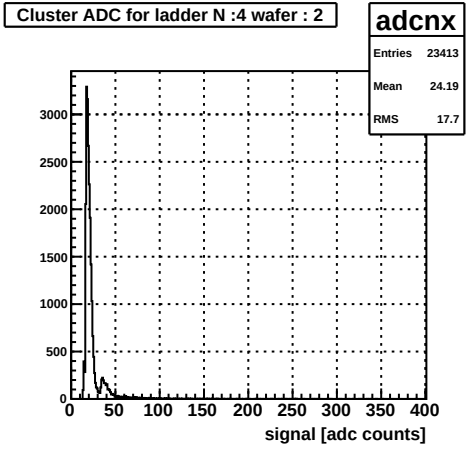

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3857
Mean 55.5
RMS 55.64
signal [adc counts]

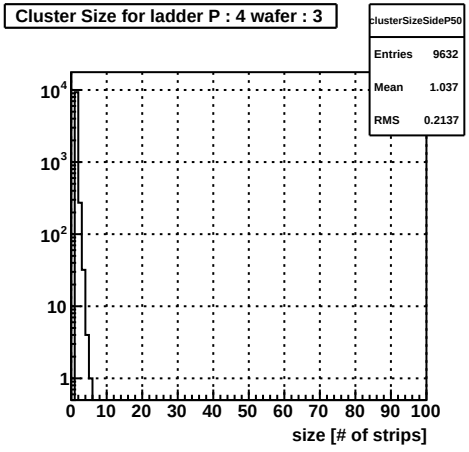

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2407
Mean 1.181
RMS 0.5944
size [# of strips]

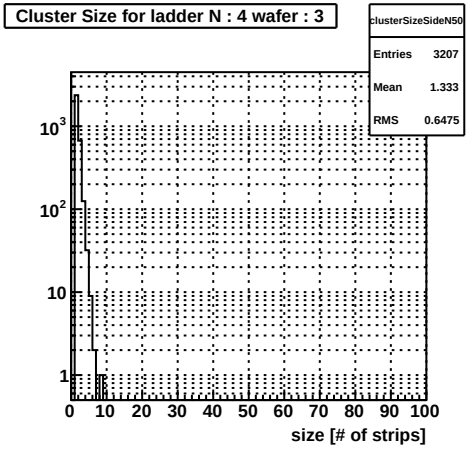

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 23413
Mean 1.122
RMS 0.4034
size [# of strips]

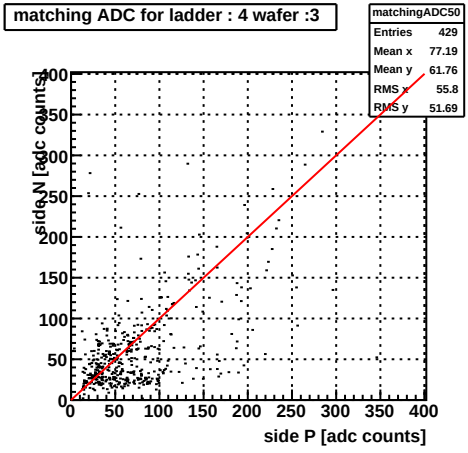

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 356
Mean x 50.99
Mean y 37.57
RMS x 49
RMS y 38.52
side N [adc counts]
side P [adc counts]

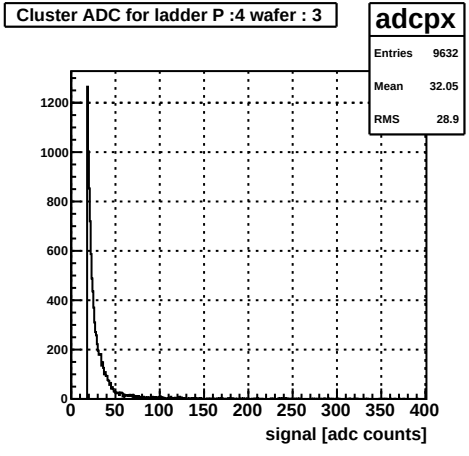

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2407
Mean 35.19
RMS 28.41
signal [adc counts]

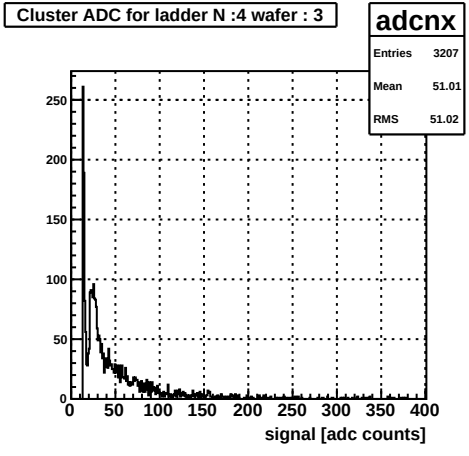

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 23413
Mean 24.19
RMS 17.7
signal [adc counts]

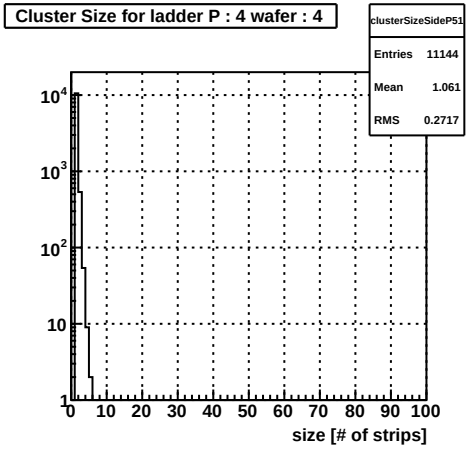

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 9632
Mean 1.037
RMS 0.2137
size [# of strips]

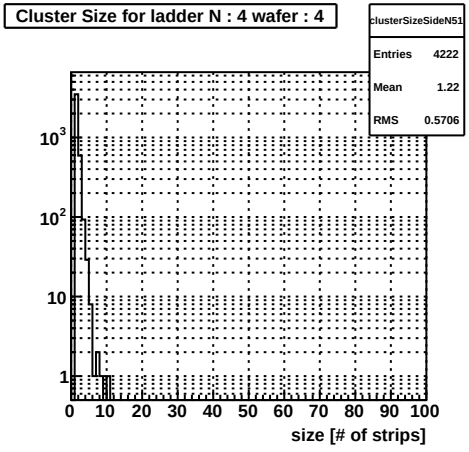

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3207
Mean 1.333
RMS 0.6475
size [# of strips]

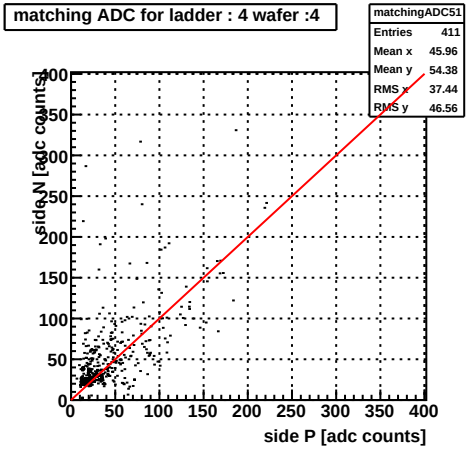

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 429
Mean x 77.19
Mean y 61.76
RMS x 55.8
RMS y 51.69
side N [adc counts]
side P [adc counts]

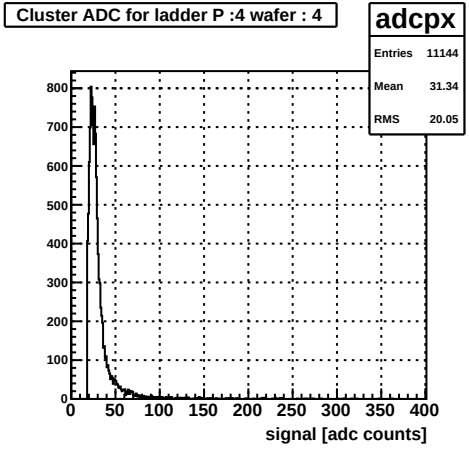

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 9632
Mean 32.05
RMS 28.9
signal [adc counts]

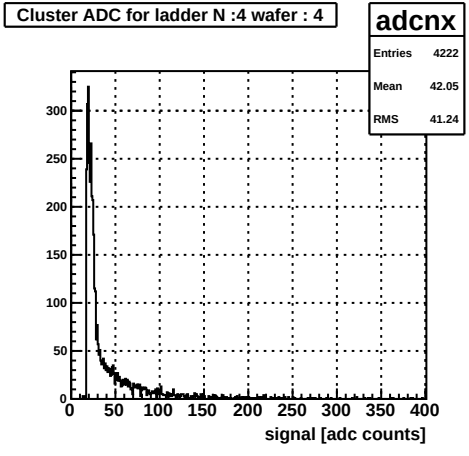

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3207
Mean 51.01
RMS 51.02
signal [adc counts]

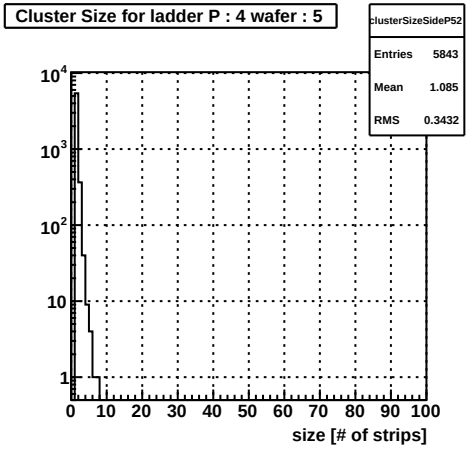

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11144
Mean 1.061
RMS 0.2717
size [# of strips]

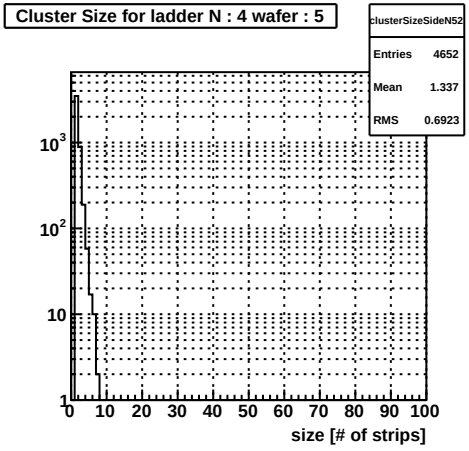

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4222
Mean 1.22
RMS 0.5706
size [# of strips]

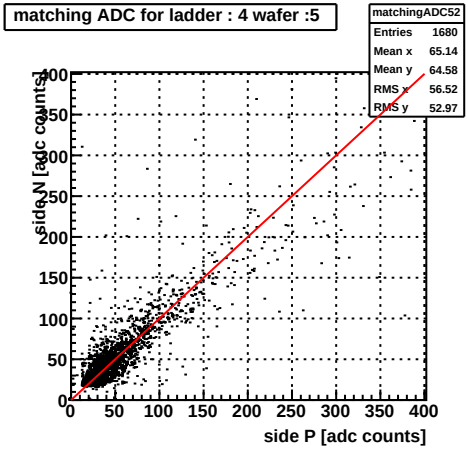

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 411
Mean x 45.96
Mean y 54.38
RMS x 37.44
RMS y 46.56
side N [adc counts]
side P [adc counts]

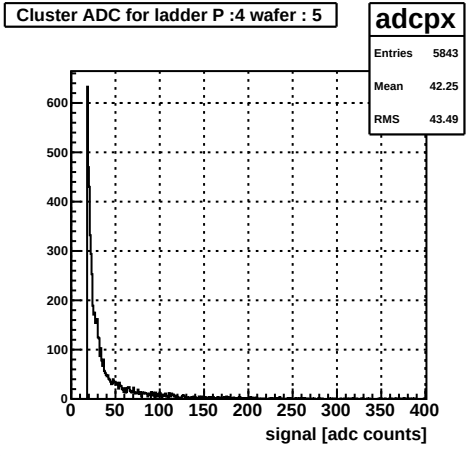

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11144
Mean 31.34
RMS 20.05
signal [adc counts]

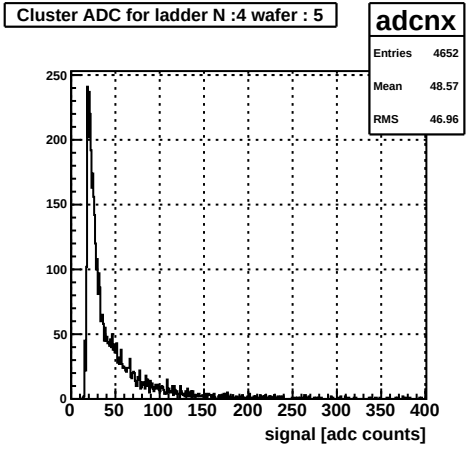

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4222
Mean 42.05
RMS 41.24
signal [adc counts]

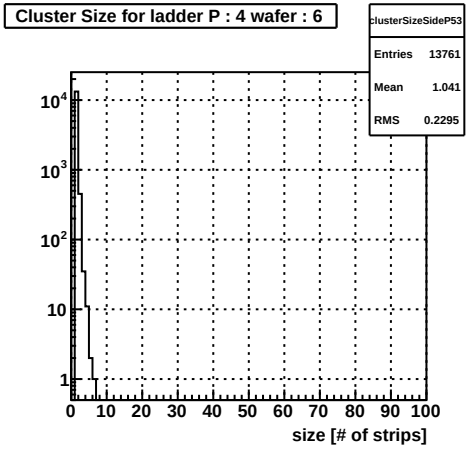

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5843
Mean 1.085
RMS 0.3432
size [# of strips]

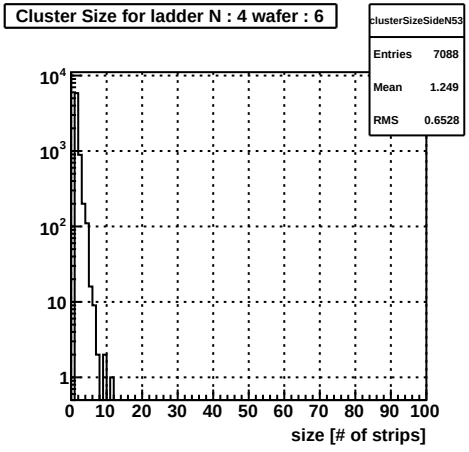

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4652
Mean 1.337
RMS 0.6923
size [# of strips]

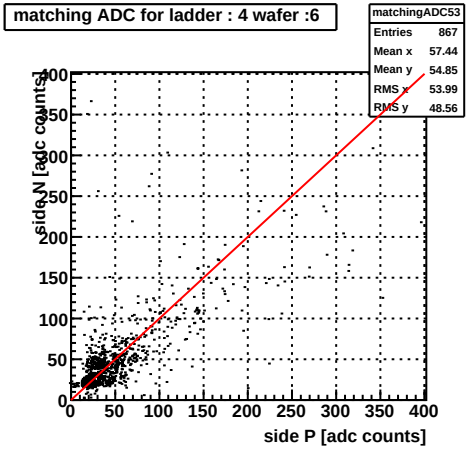

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1680
Mean x 65.14
Mean y 64.58
RMS x 56.52
RMS y 52.97
side N [adc counts]
side P [adc counts]

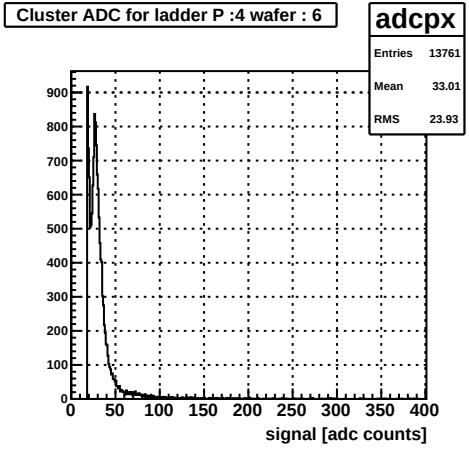

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5843
Mean 42.25
RMS 43.49
signal [adc counts]

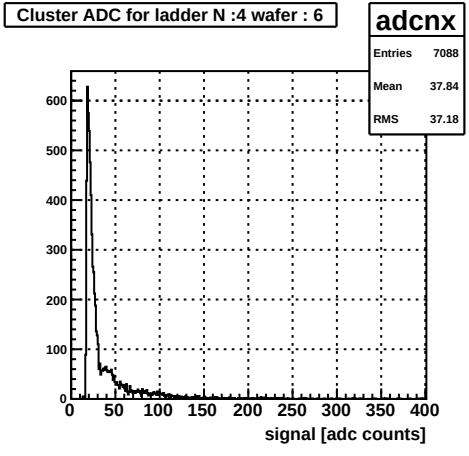

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4652
Mean 48.57
RMS 46.96
signal [adc counts]

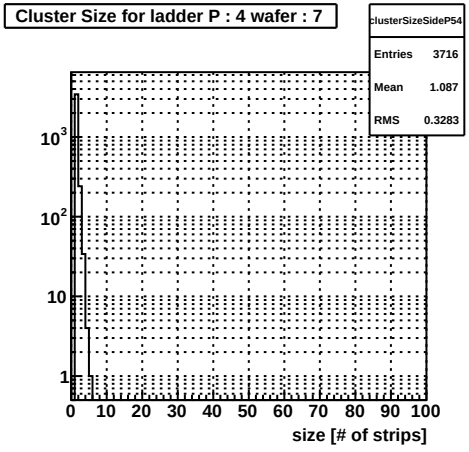

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 13761
Mean 1.041
RMS 0.2295
size [# of strips]

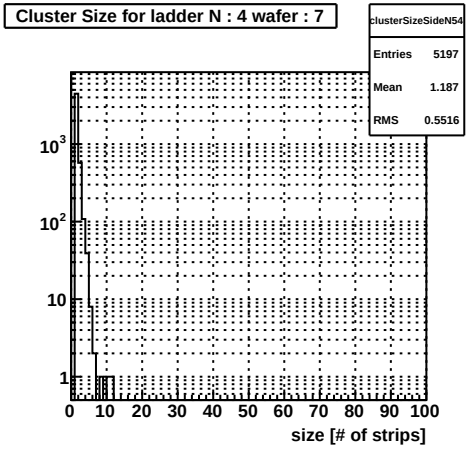

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7088
Mean 1.249
RMS 0.6528
size [# of strips]

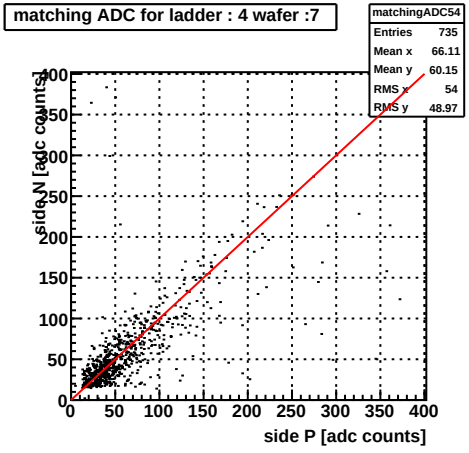

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 867
Mean x 57.44
Mean y 54.85
RMS x 53.99
RMS y 48.56
side N [adc counts]
side P [adc counts]

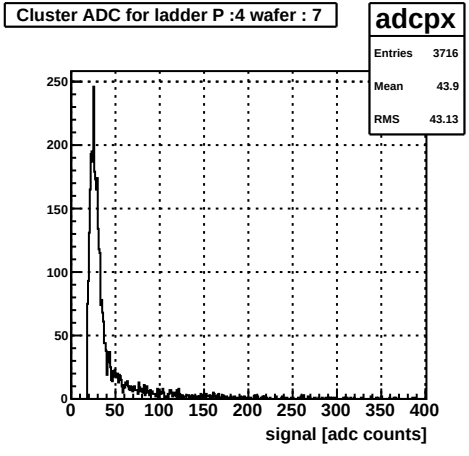

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 13761
Mean 33.01
RMS 23.93
signal [adc counts]

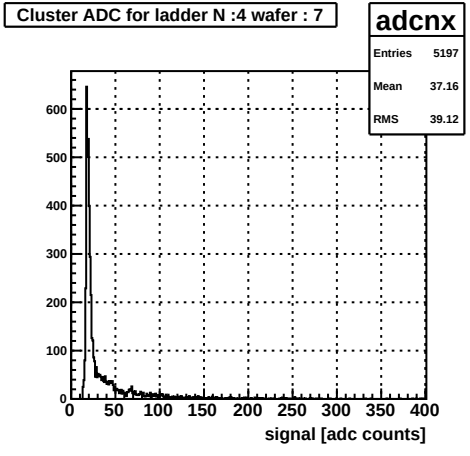

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7088
Mean 37.84
RMS 37.18
signal [adc counts]

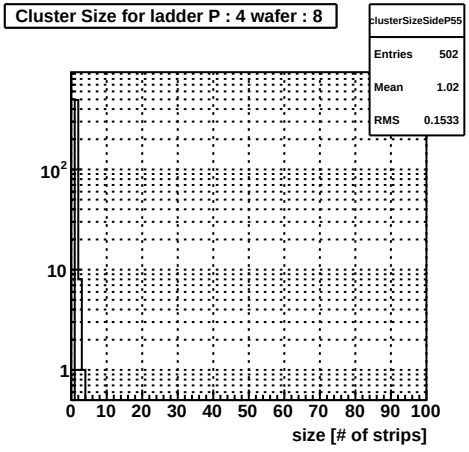

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3716
Mean 1.087
RMS 0.3283
size [# of strips]

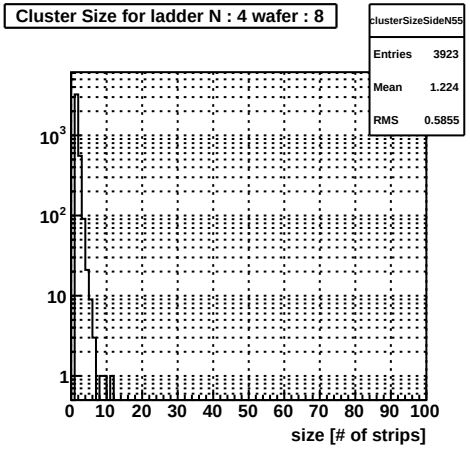

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 5197
Mean 1.187
RMS 0.5516
size [# of strips]

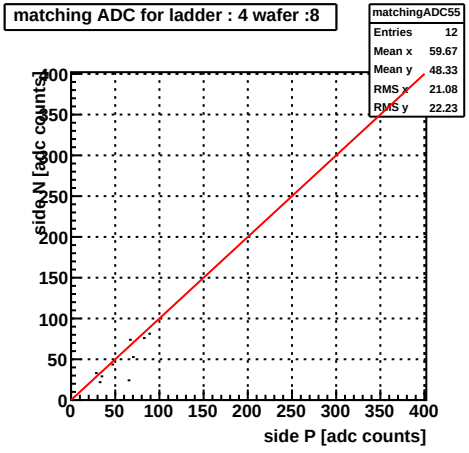

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 735
Mean x 66.11
Mean y 60.15
RMS x 54
RMS y 48.97
side N [adc counts]
side P [adc counts]

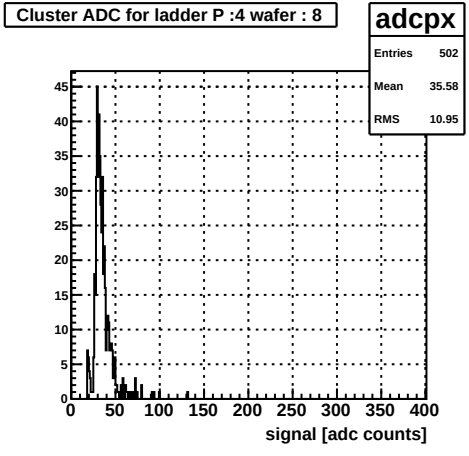

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3716
Mean 43.9
RMS 43.13
signal [adc counts]

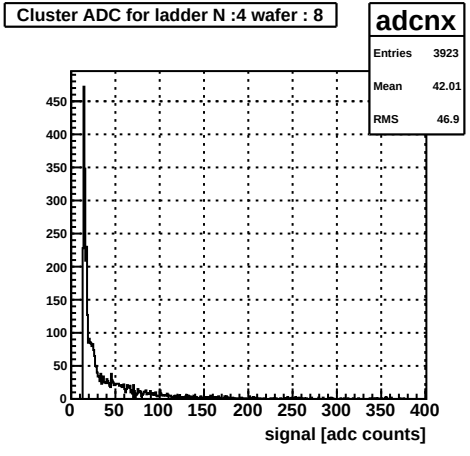

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 5197
Mean 37.16
RMS 39.12
signal [adc counts]

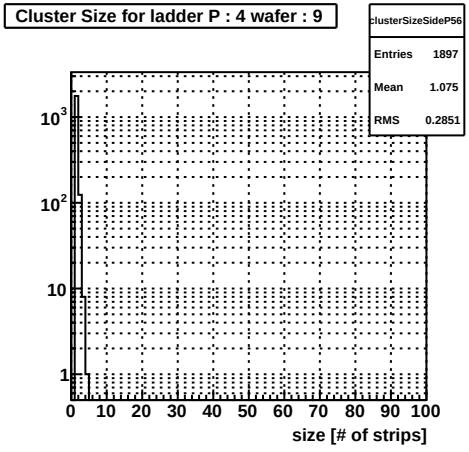

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 502
Mean 1.02
RMS 0.1533
size [# of strips]

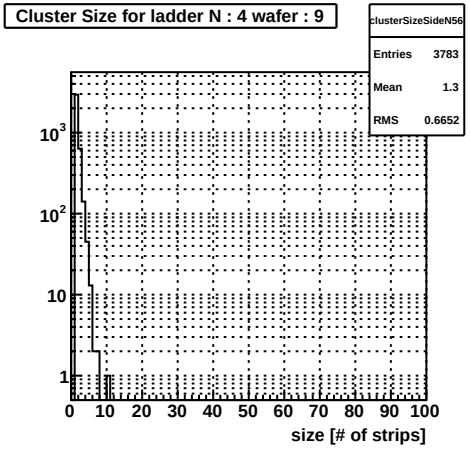

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 3923
Mean 1.224
RMS 0.5855
size [# of strips]

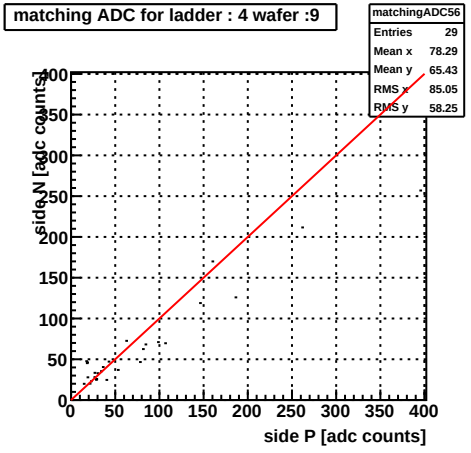

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 12
Mean x 59.67
Mean y 48.33
RMS x 21.08
RMS y 22.23
side N [adc counts]
side P [adc counts]

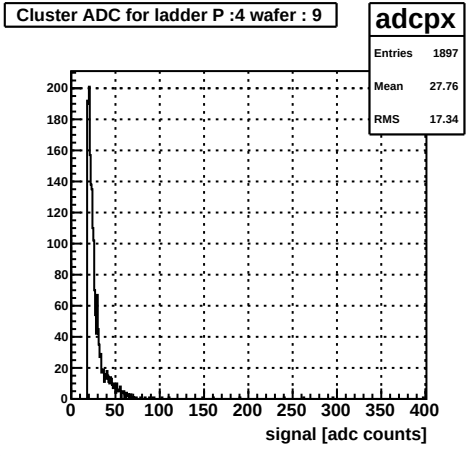

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 502
Mean 35.58
RMS 10.95
signal [adc counts]

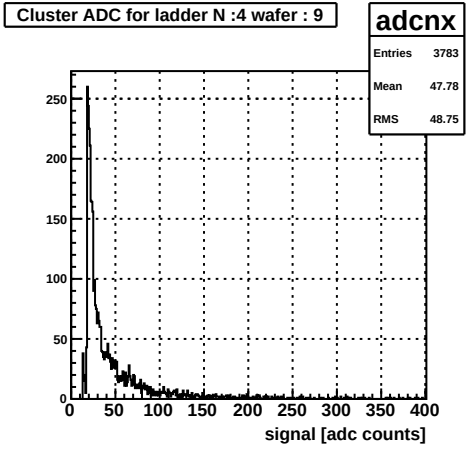

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 3923
Mean 42.01
RMS 46.9
signal [adc counts]

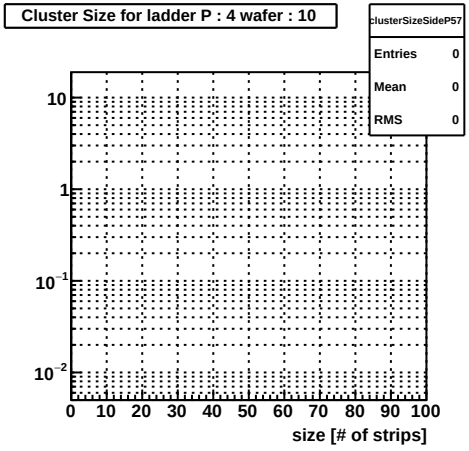

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1897
Mean 1.075
RMS 0.2851
size [# of strips]

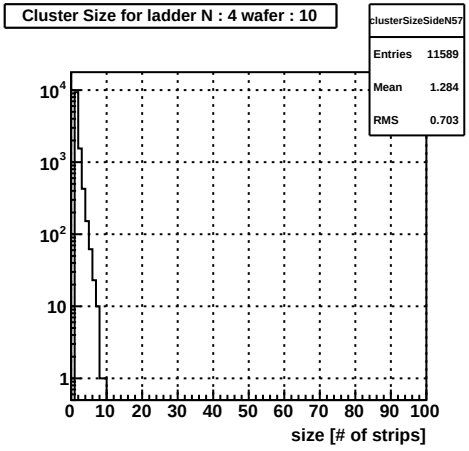

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3783
Mean 1.3
RMS 0.6652
size [# of strips]

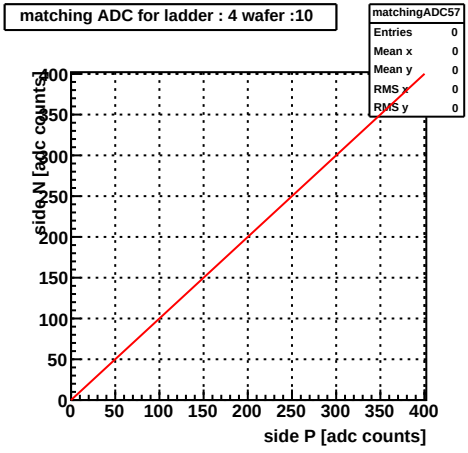

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 29
Mean x 78.29
Mean y 65.43
RMS x 85.05
RMS y 58.25
side N [adc counts]
side P [adc counts]

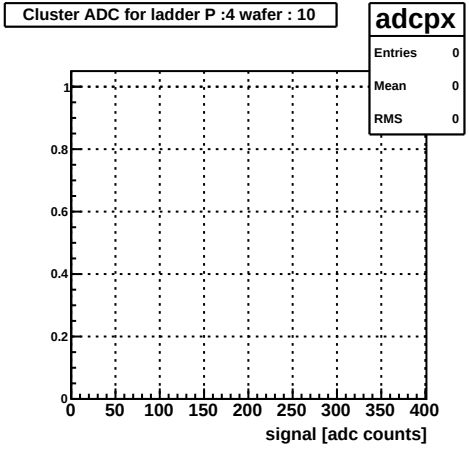

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1897
Mean 27.76
RMS 17.34
signal [adc counts]

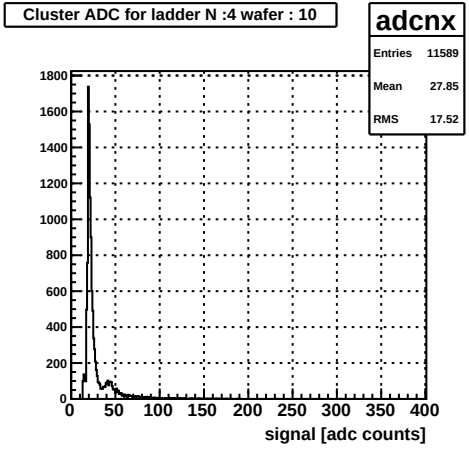

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3783
Mean 47.78
RMS 48.75
signal [adc counts]

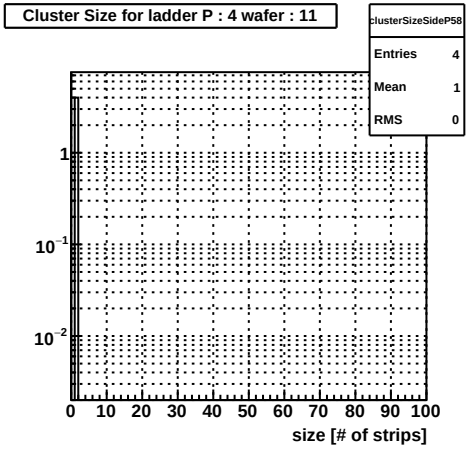

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

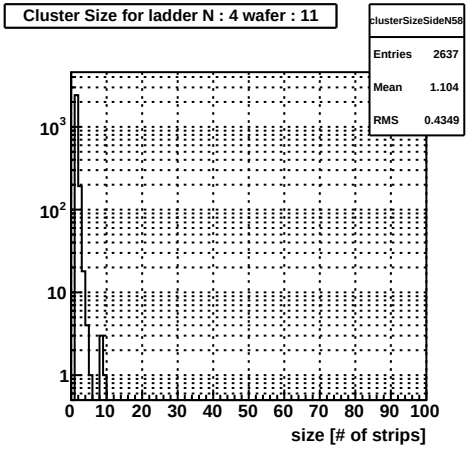

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 11589
Mean 1.284
RMS 0.703
size [# of strips]

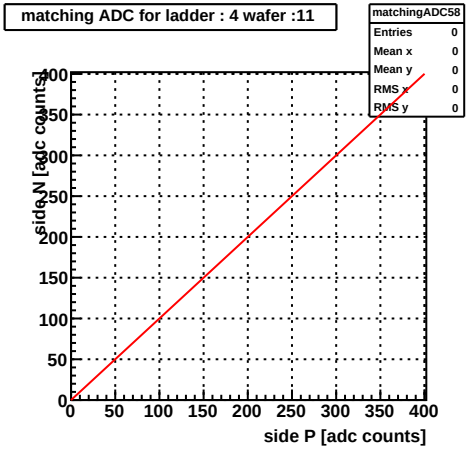

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

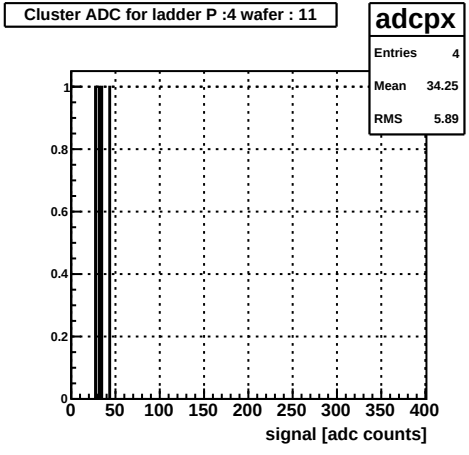

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

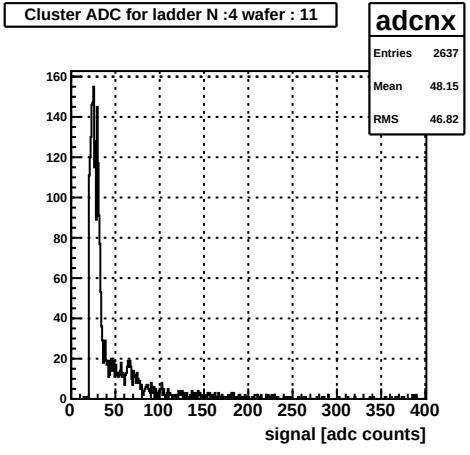

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 11589
Mean 27.85
RMS 17.52
signal [adc counts]

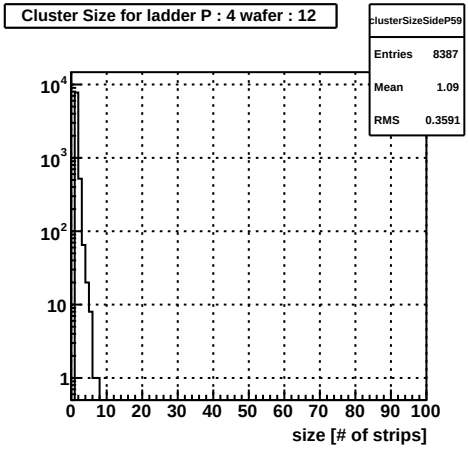

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 4
Mean 1
RMS 0
size [# of strips]

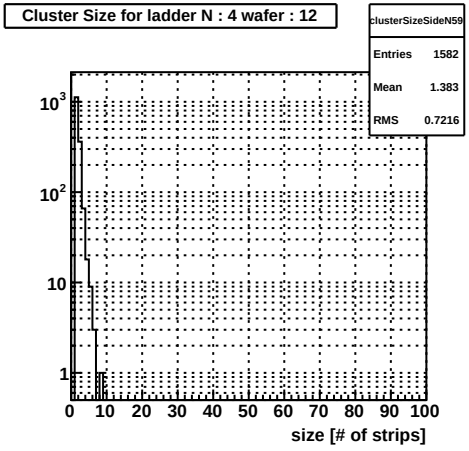

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2637
Mean 1.104
RMS 0.4349
size [# of strips]

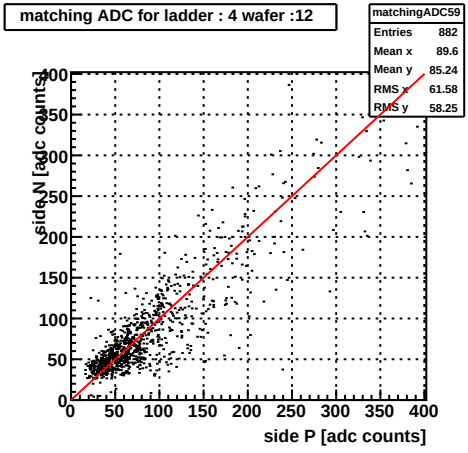

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

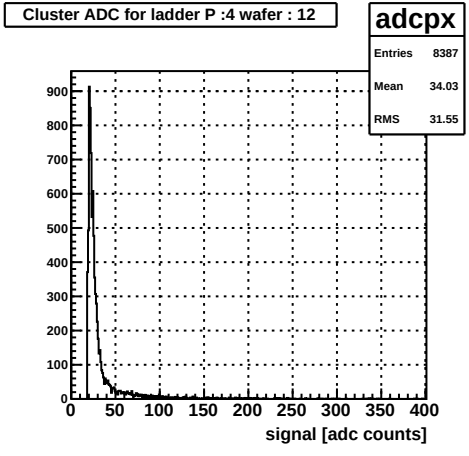

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 4
Mean 34.25
RMS 5.89
signal [adc counts]

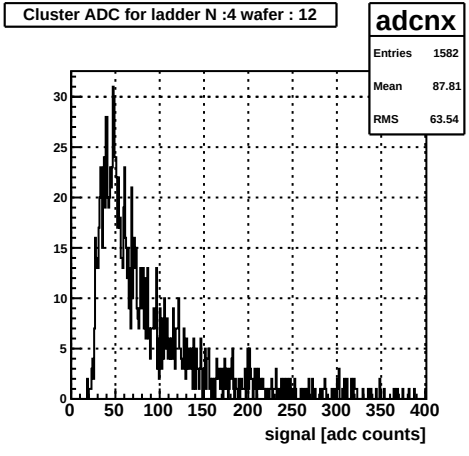

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2637
Mean 48.15
RMS 46.82
signal [adc counts]

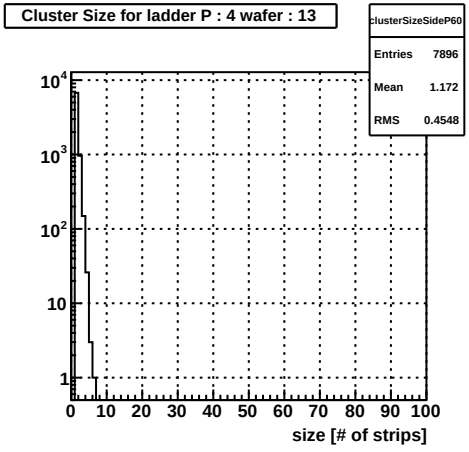

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 8387
Mean 1.09
RMS 0.3591
size [# of strips]

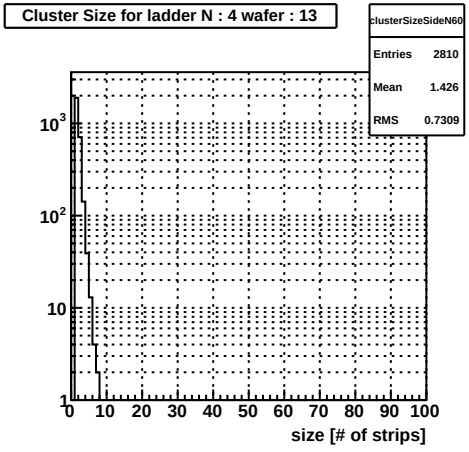

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1582
Mean 1.383
RMS 0.7216
size [# of strips]

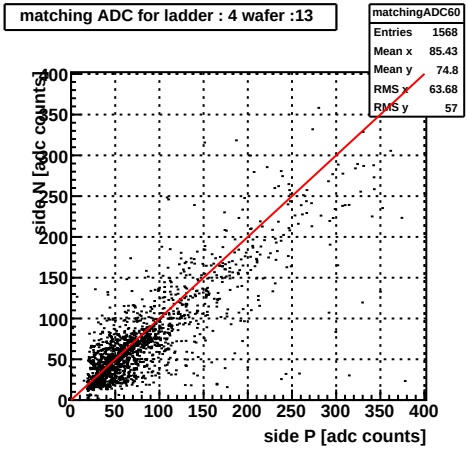

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 882
Mean x 89.6
Mean y 85.24
RMS x 61.58
RMS y 58.25
side N [adc counts]
side P [adc counts]

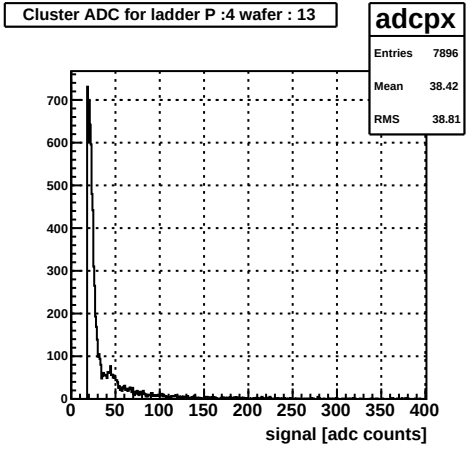

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 8387
Mean 34.03
RMS 31.55
signal [adc counts]

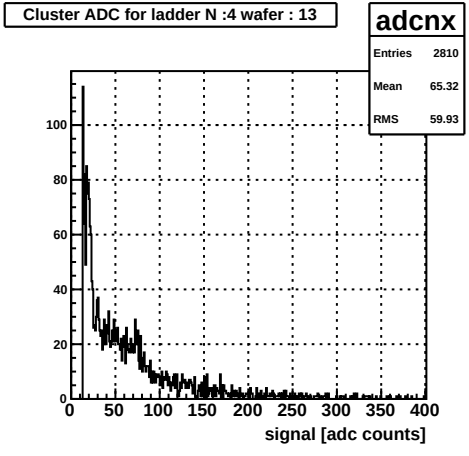

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1582
Mean 87.81
RMS 63.54
signal [adc counts]

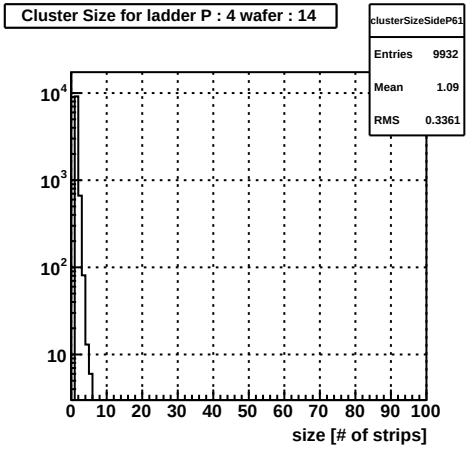

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 7896
Mean 1.172
RMS 0.4548
size [# of strips]

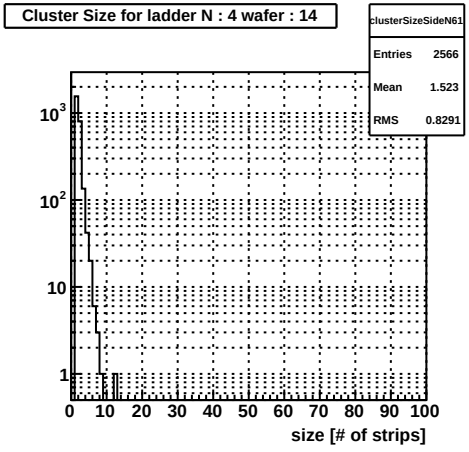

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2810
Mean 1.426
RMS 0.7309
size [# of strips]

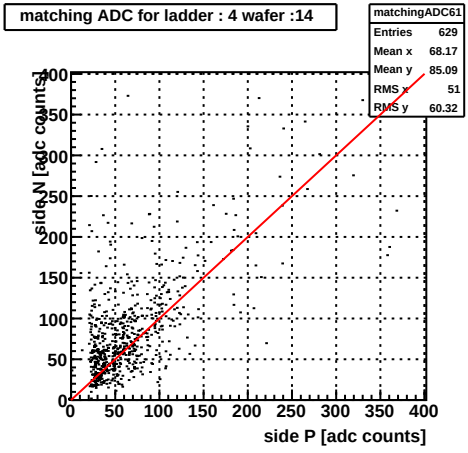

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1568
Mean x 85.43
Mean y 74.8
RMS x 63.68
RMS y 57
side N [adc counts]
side P [adc counts]

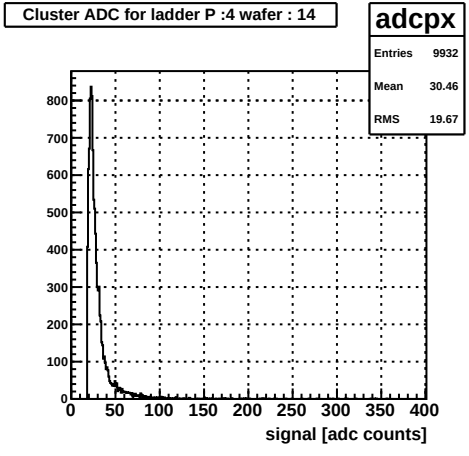

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 7896
Mean 38.42
RMS 38.81
signal [adc counts]

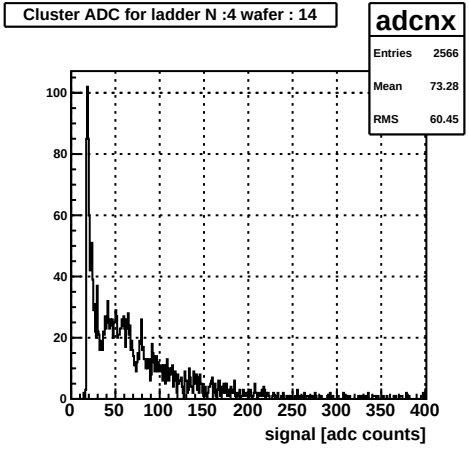

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2810
Mean 65.32
RMS 59.93
signal [adc counts]

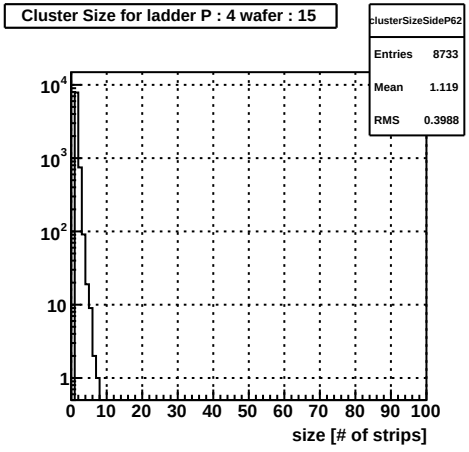

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9932
Mean 1.09
RMS 0.3361
size [# of strips]

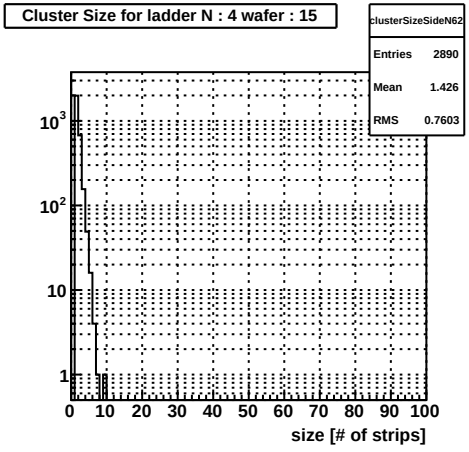

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2566
Mean 1.523
RMS 0.8291
size [# of strips]

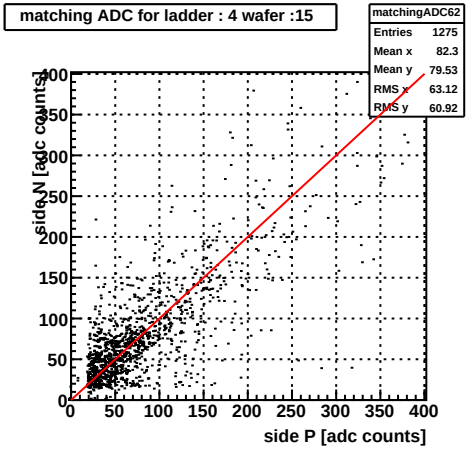

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 629
Mean x 68.17
Mean y 85.09
RMS x 51
RMS y 60.32
side N [adc counts]
side P [adc counts]

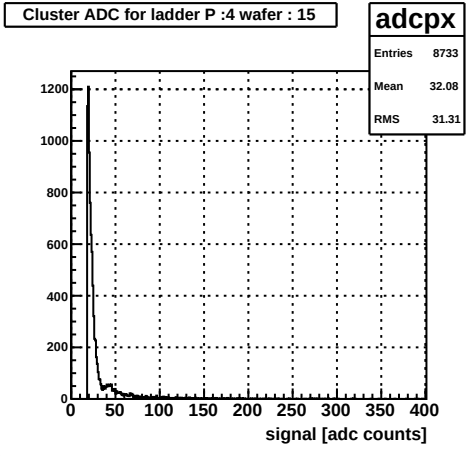

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9932
Mean 30.46
RMS 19.67
signal [adc counts]

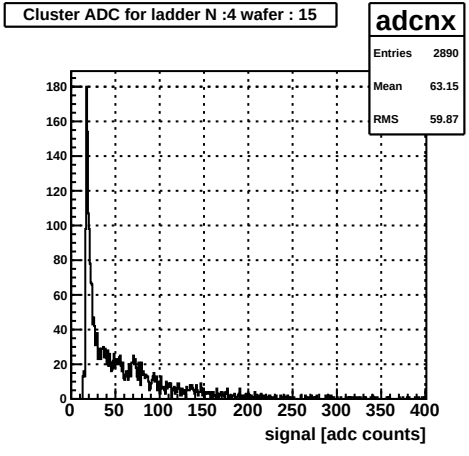

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2566
Mean 73.28
RMS 60.45
signal [adc counts]

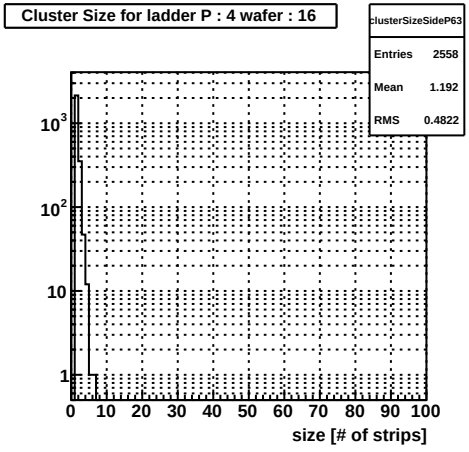

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 8733
Mean 1.119
RMS 0.3988
size [# of strips]

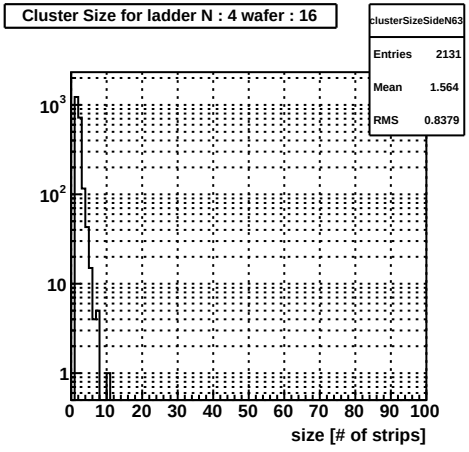

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2890
Mean 1.426
RMS 0.7603
size [# of strips]

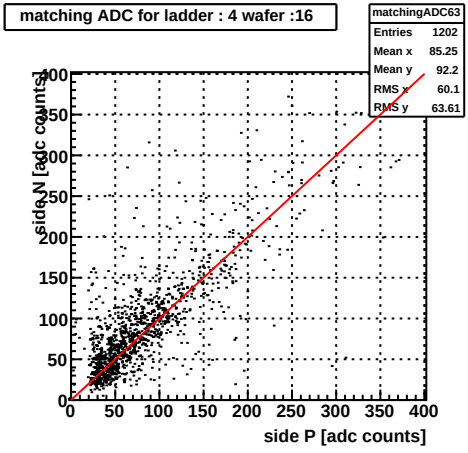

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1275
Mean x 82.3
Mean y 79.53
RMS x 63.12
RMS y 60.92
side N [adc counts]
side P [adc counts]

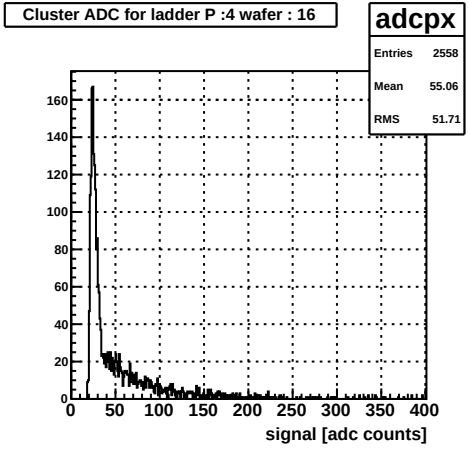

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 8733
Mean 32.08
RMS 31.31
signal [adc counts]

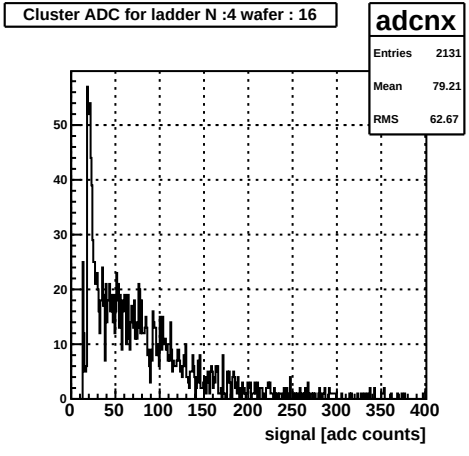

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2890
Mean 63.15
RMS 59.87
signal [adc counts]

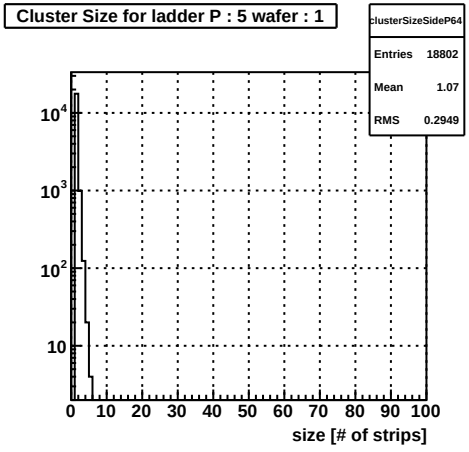

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2558
Mean 1.192
RMS 0.4822
size [# of strips]

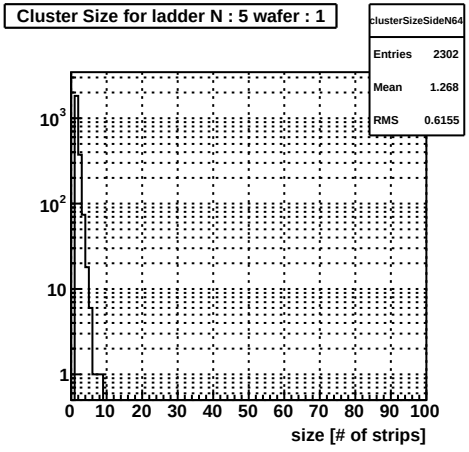

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2131
Mean 1.564
RMS 0.8379
size [# of strips]

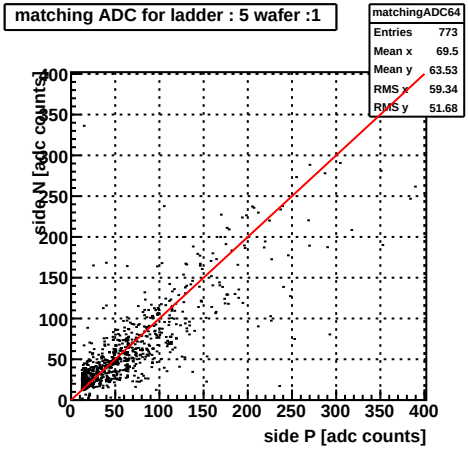

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1202
Mean x 85.25
Mean y 92.2
RMS x 60.1
RMS y 63.61
side N [adc counts]
side P [adc counts]

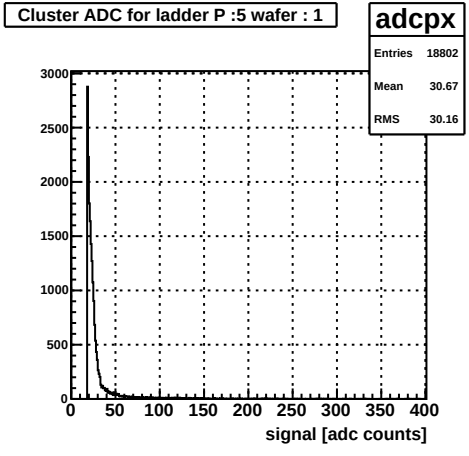

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2558
Mean 55.06
RMS 51.71
signal [adc counts]

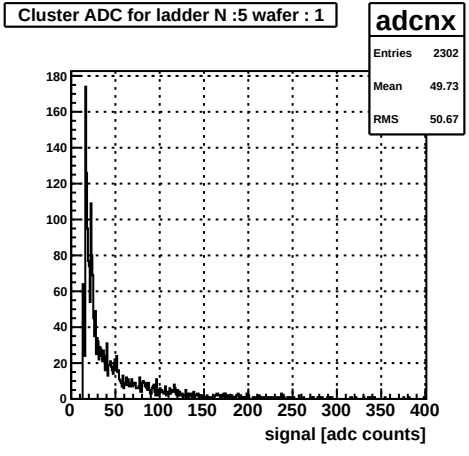

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2131
Mean 79.21
RMS 62.67
signal [adc counts]

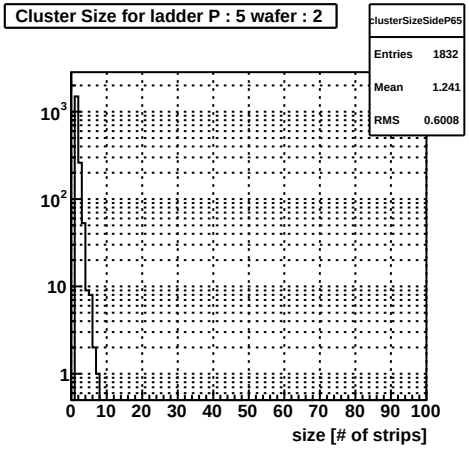

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 18802
Mean 1.07
RMS 0.2949
size [# of strips]

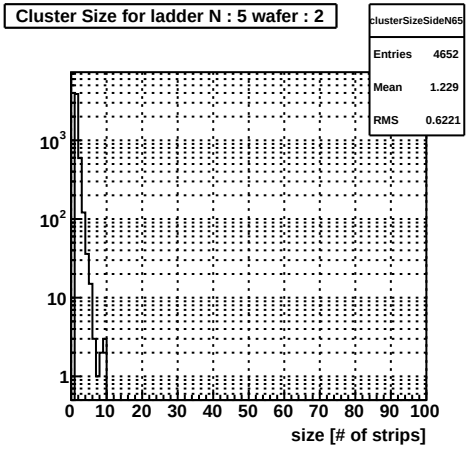

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2302
Mean 1.268
RMS 0.6155
size [# of strips]

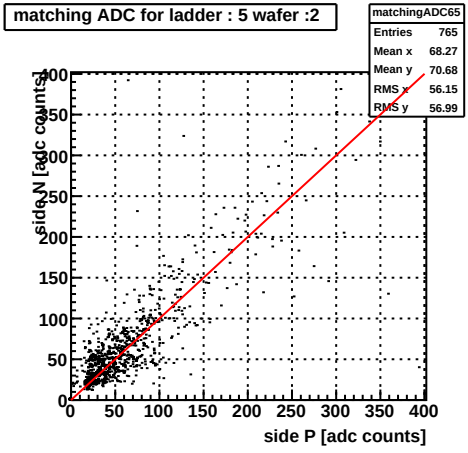

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 773
Mean x 69.5
Mean y 63.53
RMS x 59.34
RMS y 51.68
side N [adc counts]
side P [adc counts]

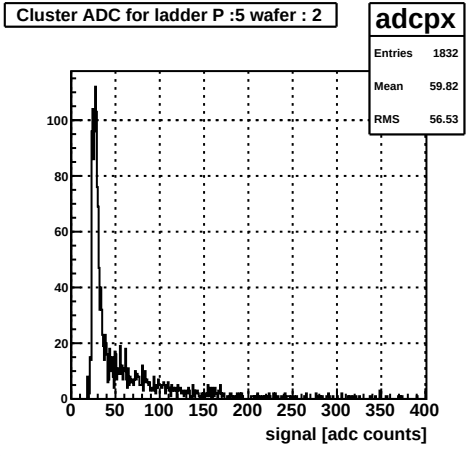

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 18802
Mean 30.67
RMS 30.16
signal [adc counts]

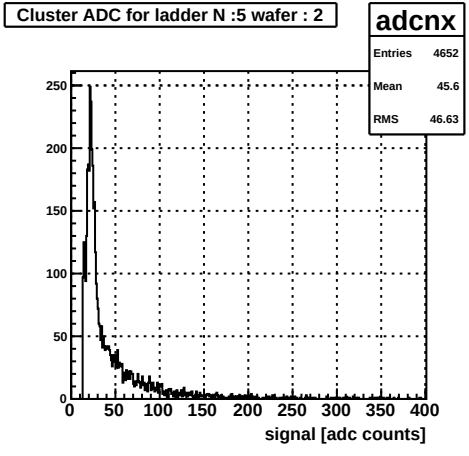

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2302
Mean 49.73
RMS 50.67
signal [adc counts]

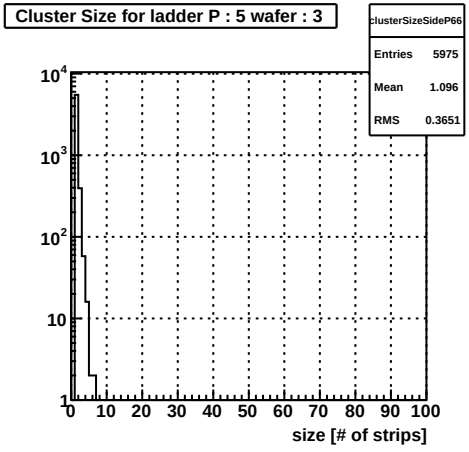

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1832
Mean 1.241
RMS 0.6008
size [# of strips]

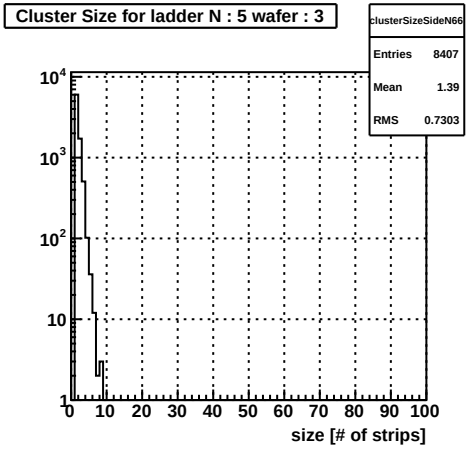

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4652
Mean 1.229
RMS 0.6221
size [# of strips]

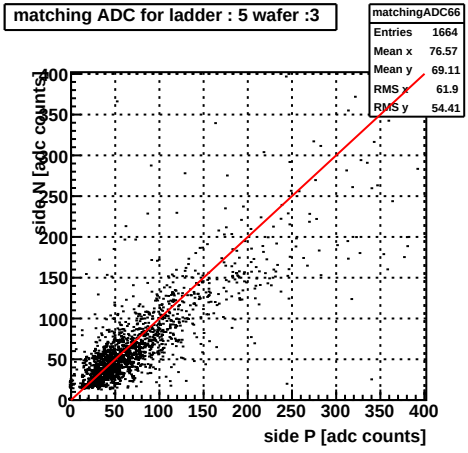

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 765
Mean x 68.27
Mean y 70.68
RMS x 56.15
RMS y 56.99
side N [adc counts]
side P [adc counts]

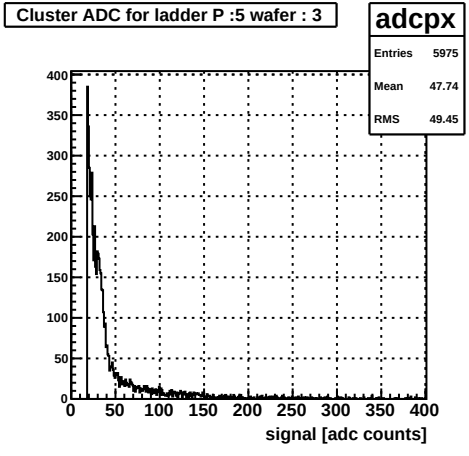

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1832
Mean 59.82
RMS 56.53
signal [adc counts]

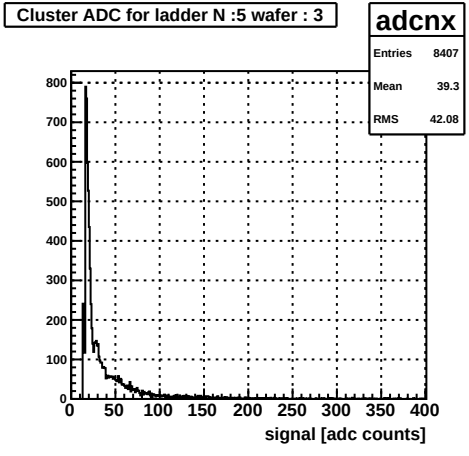

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4652
Mean 45.6
RMS 46.63
signal [adc counts]

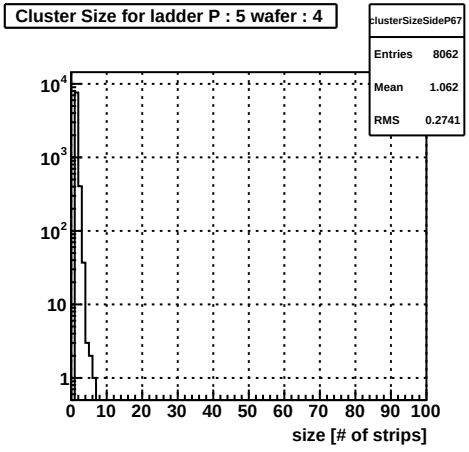

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5975
Mean 1.096
RMS 0.3651
size [# of strips]

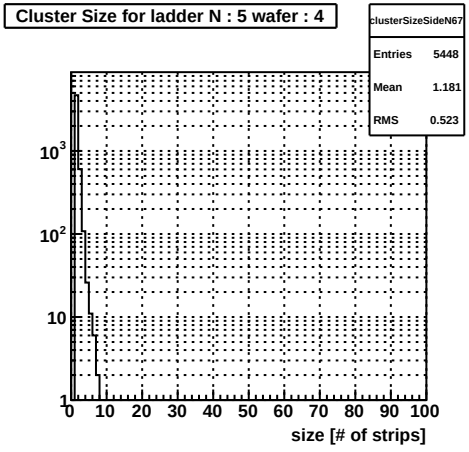

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8407
Mean 1.39
RMS 0.7303
size [# of strips]

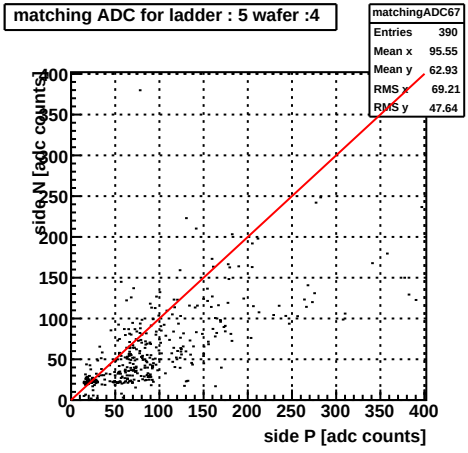

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1664
Mean x 76.57
Mean y 69.11
RMS x 61.9
RMS y 54.41
side N [adc counts]
side P [adc counts]

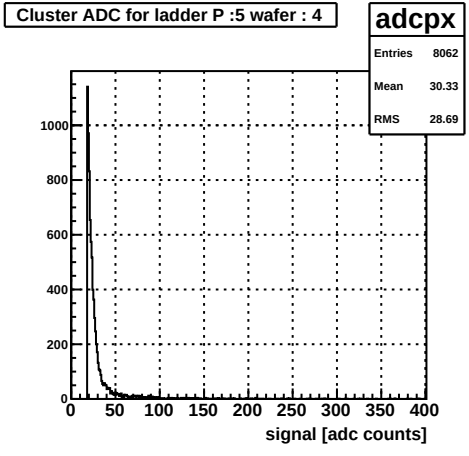

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5975
Mean 47.74
RMS 49.45
signal [adc counts]

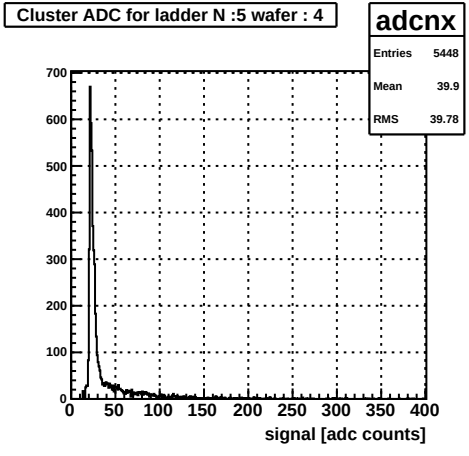

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8407
Mean 39.3
RMS 42.08
signal [adc counts]

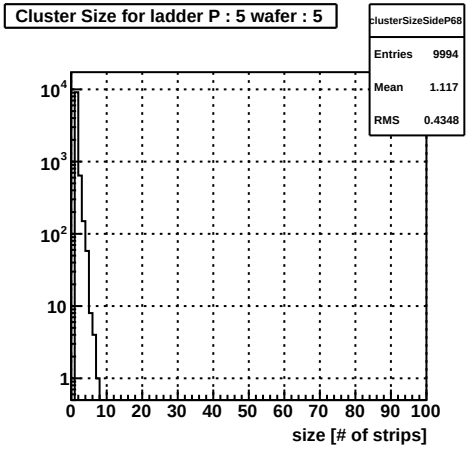

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8062
Mean 1.062
RMS 0.2741
size [# of strips]

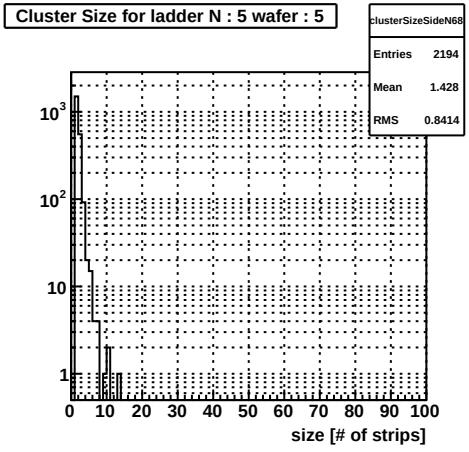

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5448
Mean 1.181
RMS 0.523
size [# of strips]

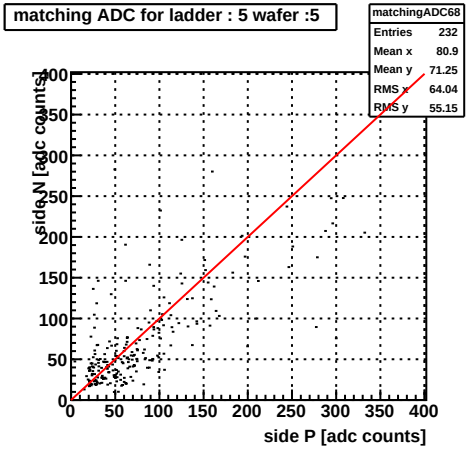

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 390
Mean x 95.55
Mean y 62.93
RMS x 69.21
RMS y 47.64
side N [adc counts]
side P [adc counts]

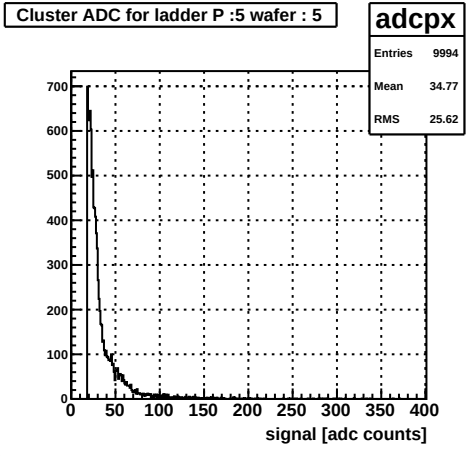

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8062
Mean 30.33
RMS 28.69
signal [adc counts]

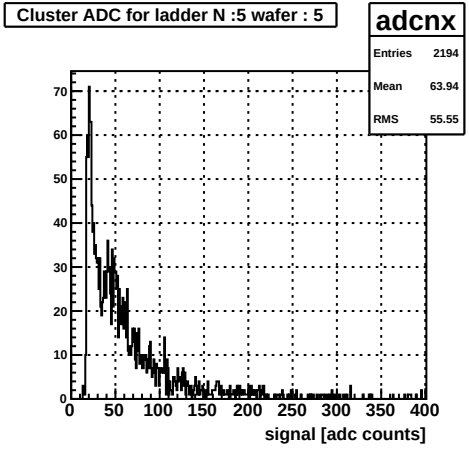

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5448
Mean 39.9
RMS 39.78
signal [adc counts]

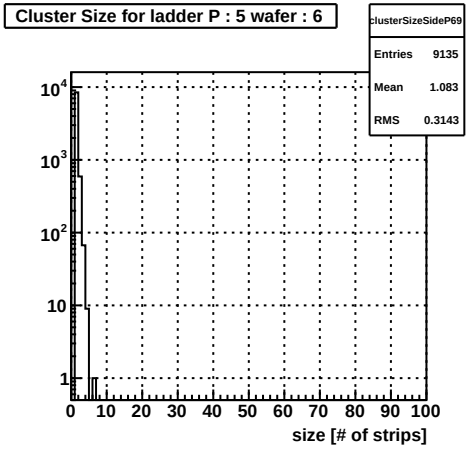

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 9994
Mean 1.117
RMS 0.4348
size [# of strips]

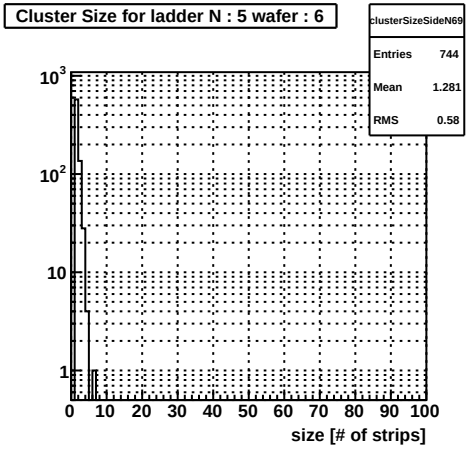

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2194
Mean 1.428
RMS 0.8414
size [# of strips]

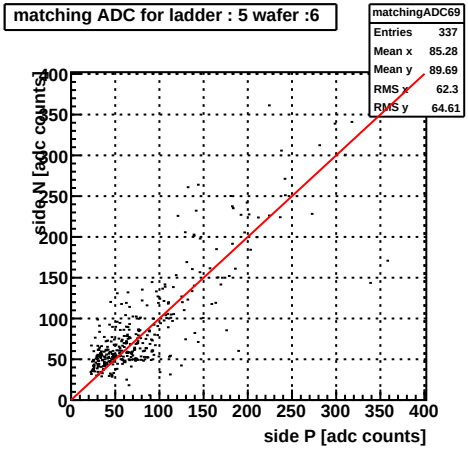

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 232
Mean x 80.9
Mean y 71.25
RMS x 64.04
RMS y 55.15
side N [adc counts]
side P [adc counts]

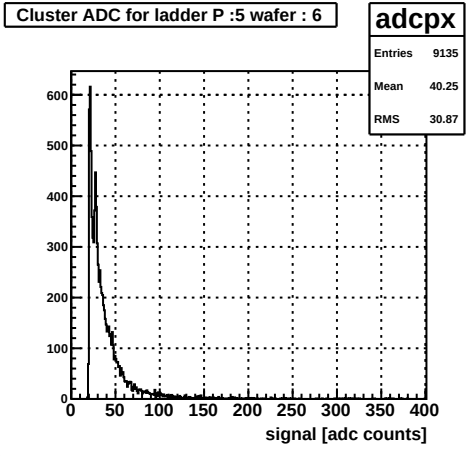

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 9994
Mean 34.77
RMS 25.62
signal [adc counts]

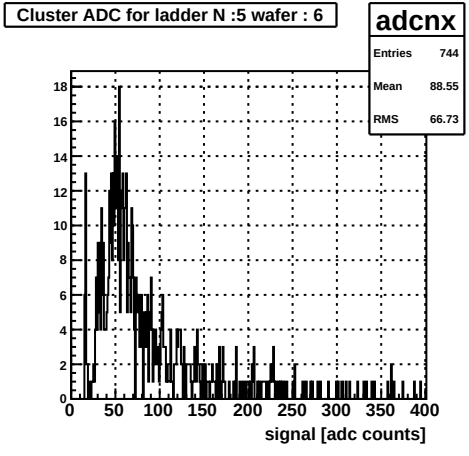

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2194
Mean 63.94
RMS 55.55
signal [adc counts]

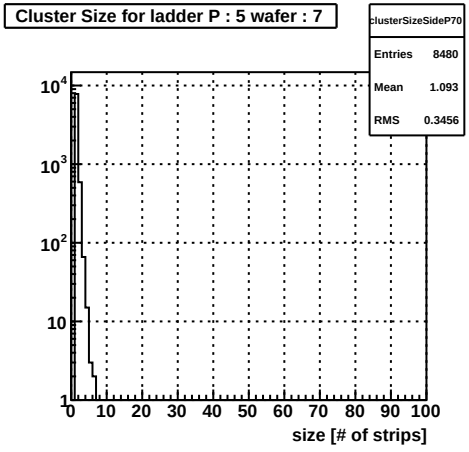

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9135
Mean 1.083
RMS 0.3143
size [# of strips]

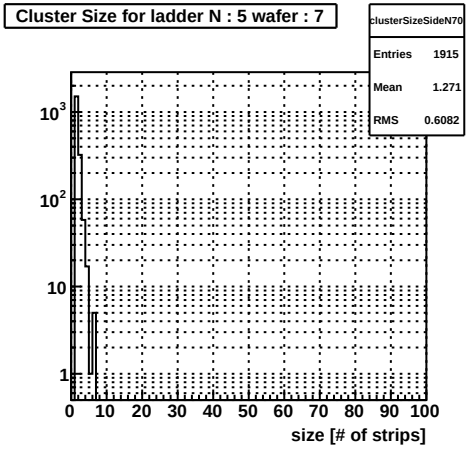

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 744
Mean 1.281
RMS 0.58
size [# of strips]

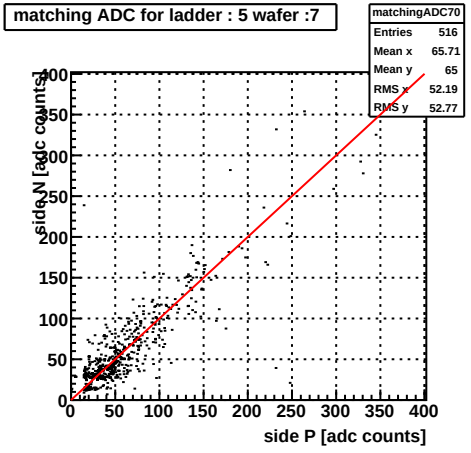

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 337
Mean x 85.28
Mean y 89.69
RMS x 62.3
RMS y 64.61
side N [adc counts]
side P [adc counts]

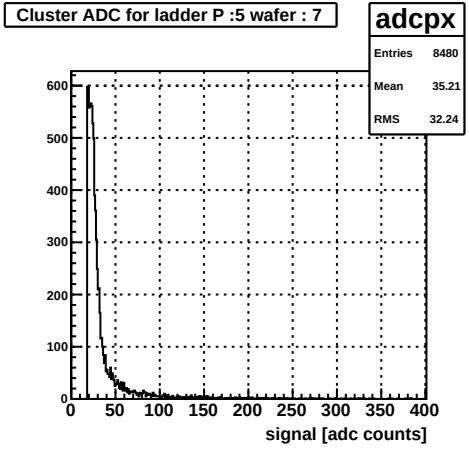

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9135
Mean 40.25
RMS 30.87
signal [adc counts]

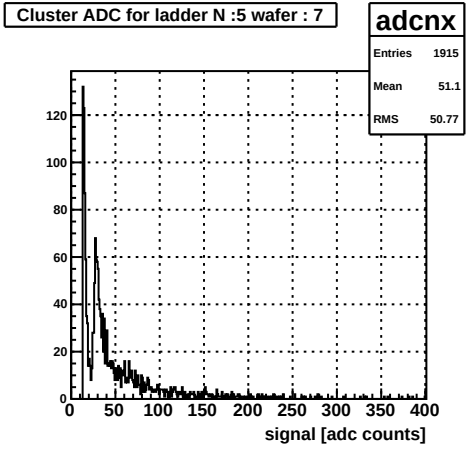

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 744
Mean 88.55
RMS 66.73
signal [adc counts]

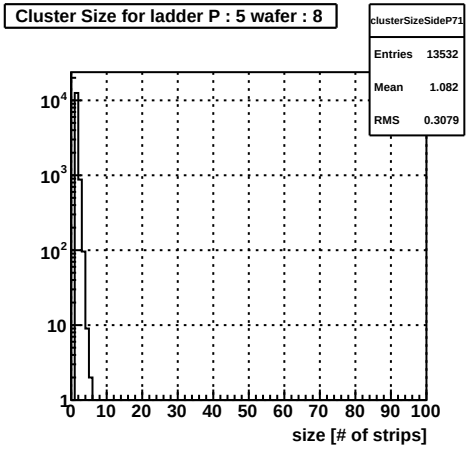

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8480
Mean 1.093
RMS 0.3456
size [# of strips]

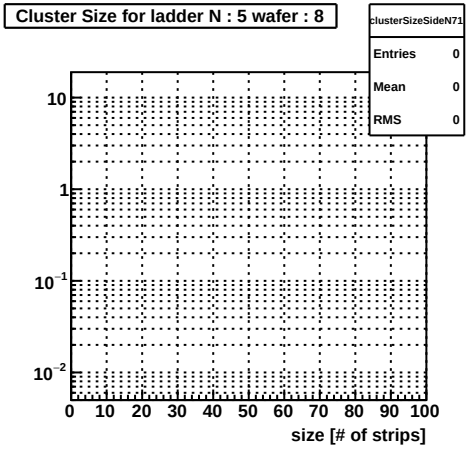

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1915
Mean 1.271
RMS 0.6082
size [# of strips]

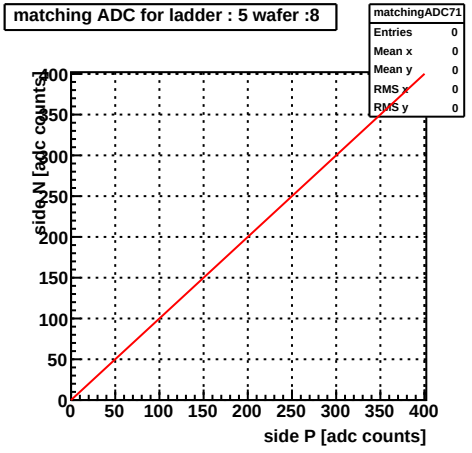

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 516
Mean x 65.71
Mean y 65
RMS x 52.19
RMS y 52.77
side N [adc counts]
side P [adc counts]

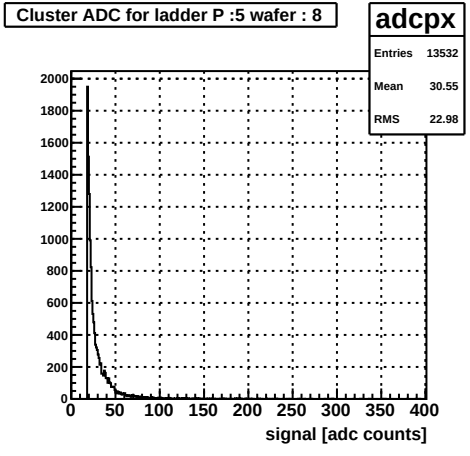

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8480
Mean 35.21
RMS 32.24
signal [adc counts]

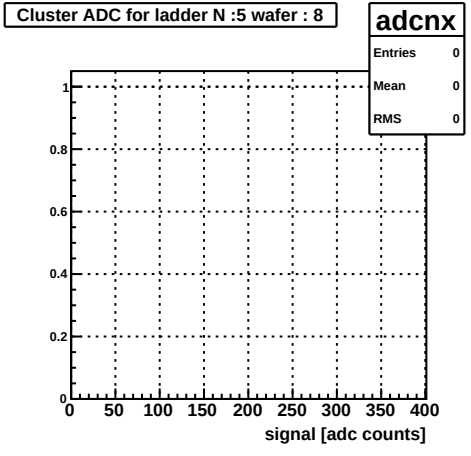

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1915
Mean 51.1
RMS 50.77
signal [adc counts]

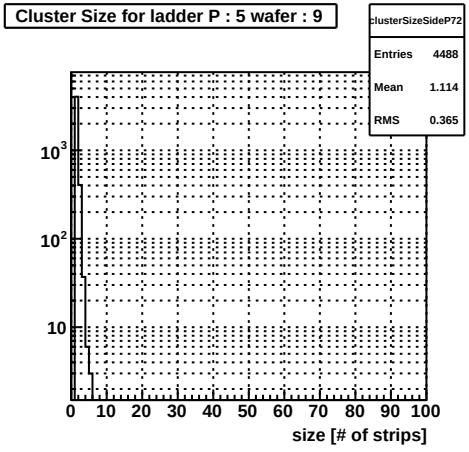

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13532
Mean 1.082
RMS 0.3079
size [# of strips]

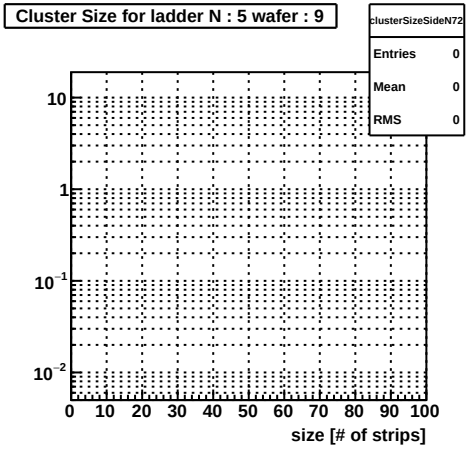

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

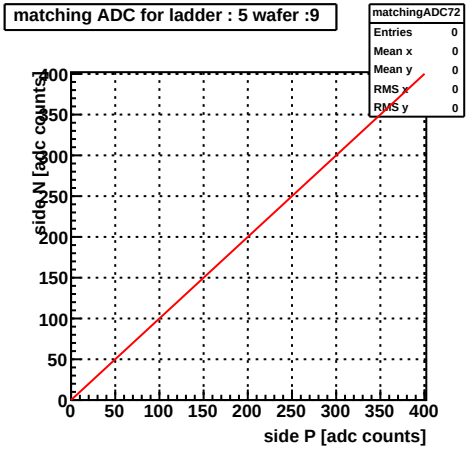

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

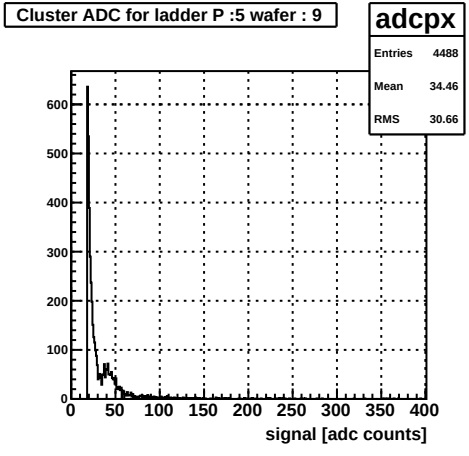

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13532
Mean 30.55
RMS 22.98
signal [adc counts]

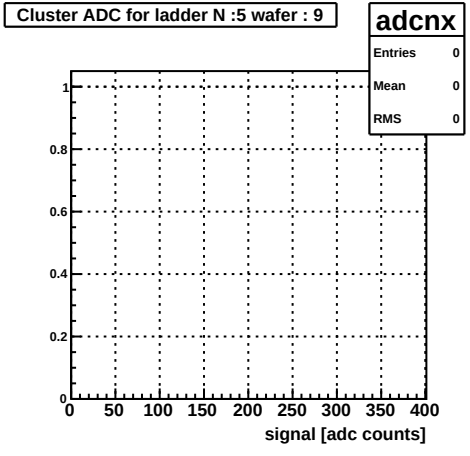

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

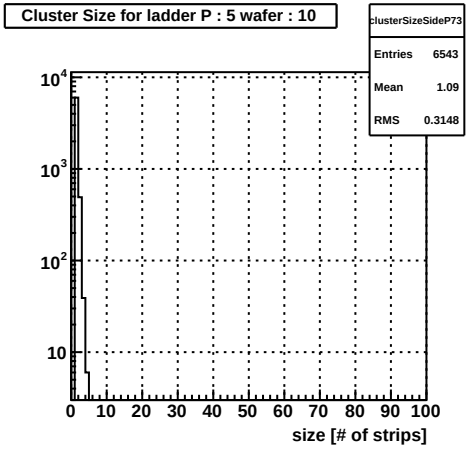

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4488
Mean 1.114
RMS 0.365
size [# of strips]

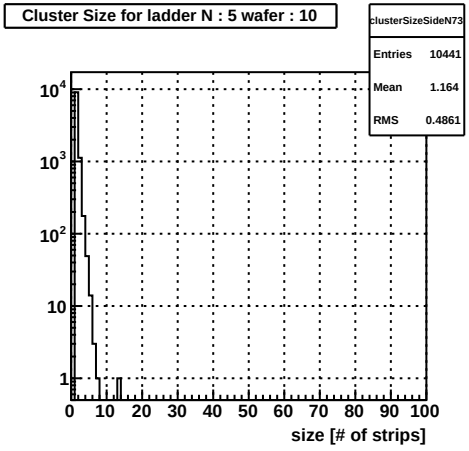

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

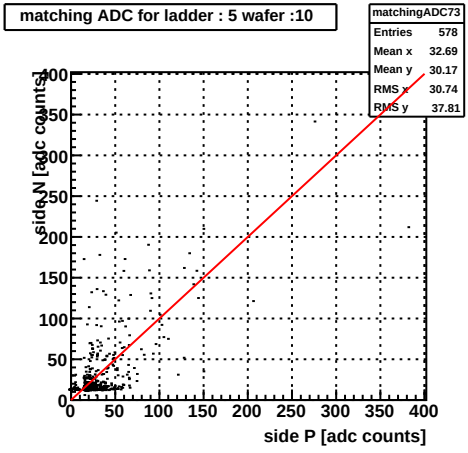

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

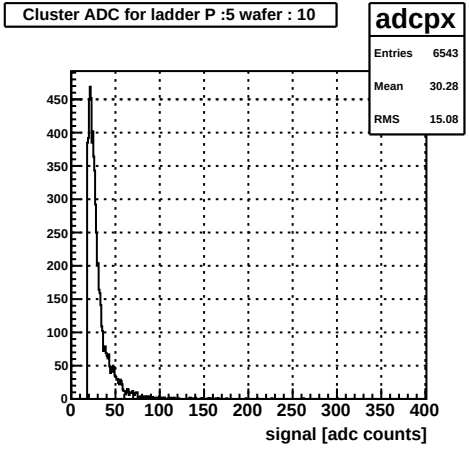

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4488
Mean 34.46
RMS 30.66
signal [adc counts]

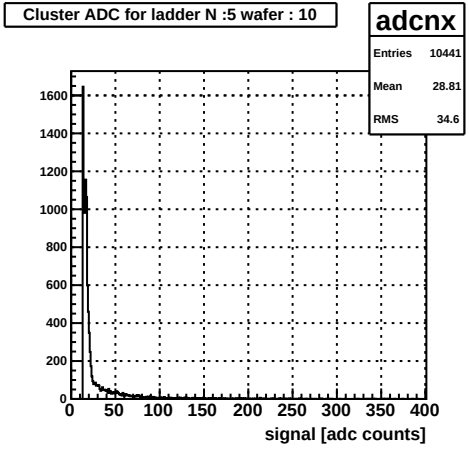

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

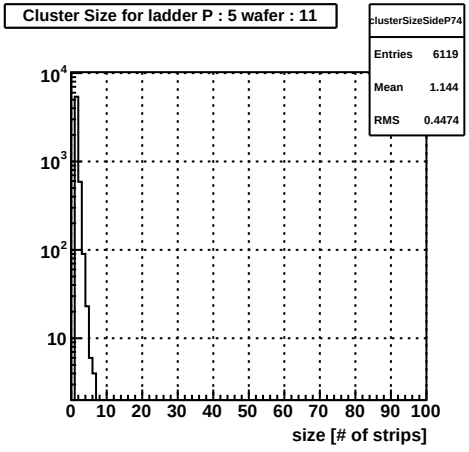

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6543
Mean 1.09
RMS 0.3148
size [# of strips]

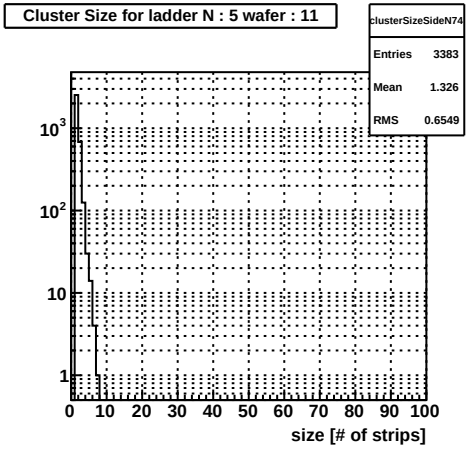

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 10441
Mean 1.164
RMS 0.4861
size [# of strips]

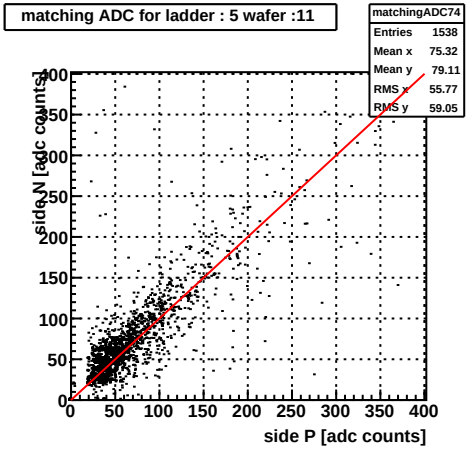

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 578
Mean x 32.69
Mean y 30.17
RMS x 30.74
RMS y 37.81
side N [adc counts]
side P [adc counts]

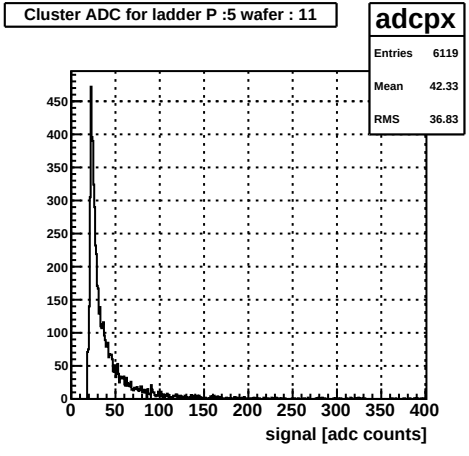

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6543
Mean 30.28
RMS 15.08
signal [adc counts]

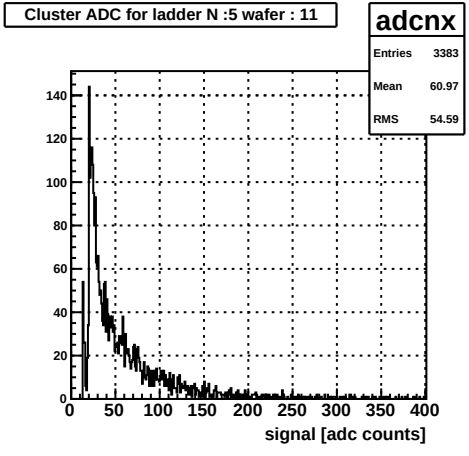

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 10441
Mean 28.81
RMS 34.6
signal [adc counts]

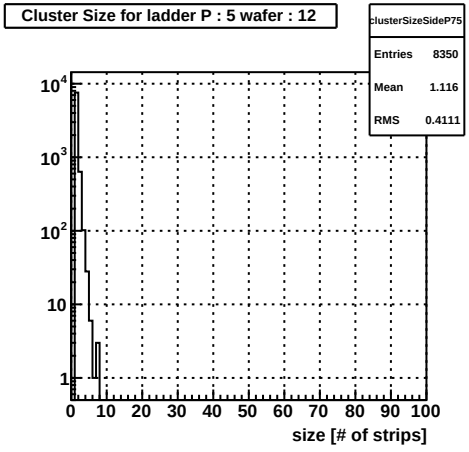

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6119
Mean 1.144
RMS 0.4474
size [# of strips]

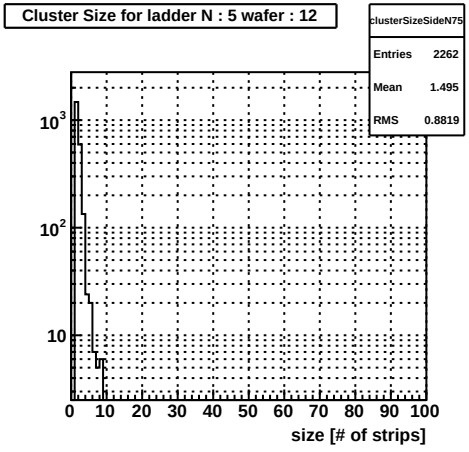

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3383
Mean 1.326
RMS 0.6549
size [# of strips]

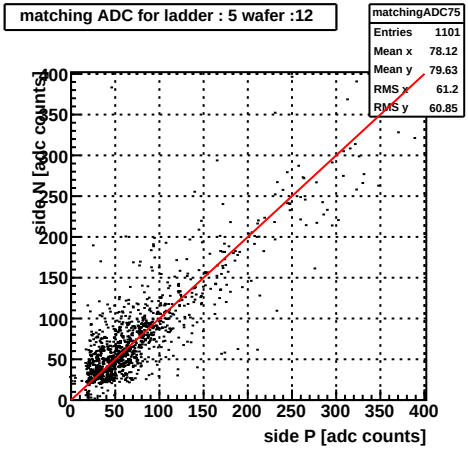

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1538
Mean x 75.32
Mean y 79.11
RMS x 55.77
RMS y 59.05
side N [adc counts]
side P [adc counts]

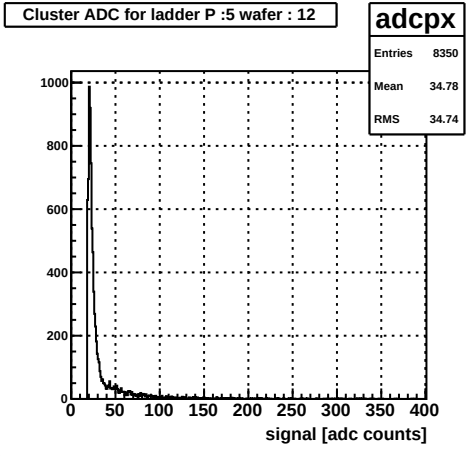

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6119
Mean 42.33
RMS 36.83
signal [adc counts]

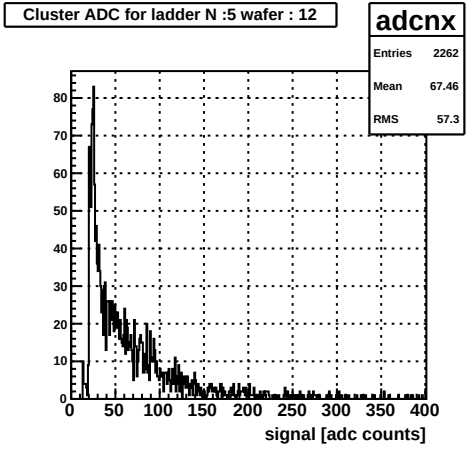

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3383
Mean 60.97
RMS 54.59
signal [adc counts]

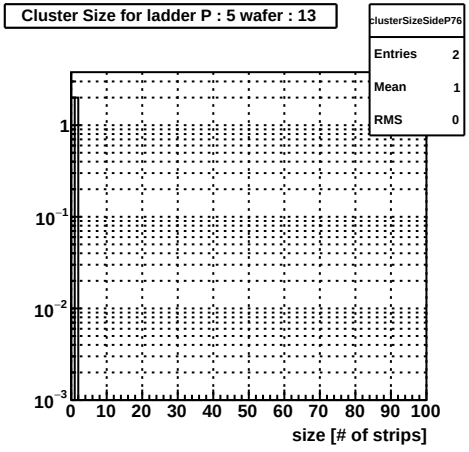

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8350
Mean 1.116
RMS 0.4111
size [# of strips]

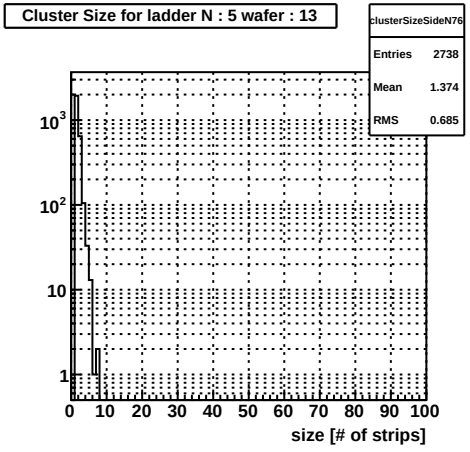

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2262
Mean 1.495
RMS 0.8819
size [# of strips]

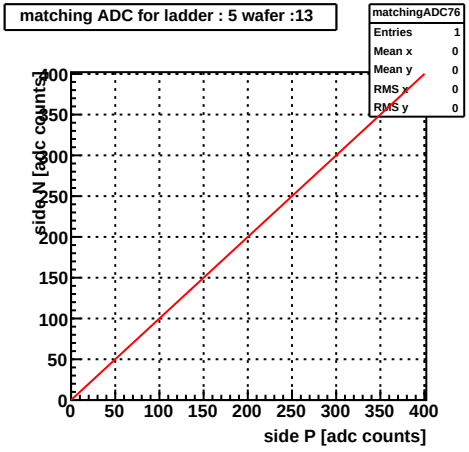

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1101
Mean x 78.12
Mean y 79.63
RMS x 61.2
RMS y 60.85
side N [adc counts]
side P [adc counts]

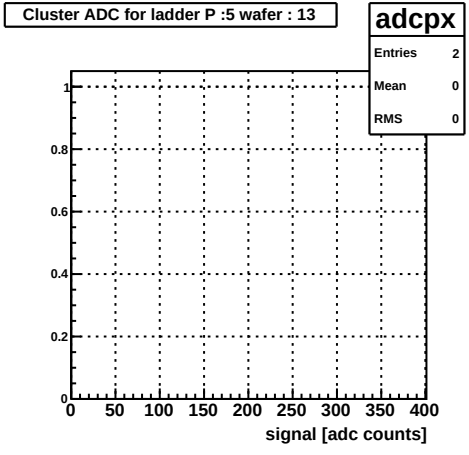

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8350
Mean 34.78
RMS 34.74
signal [adc counts]

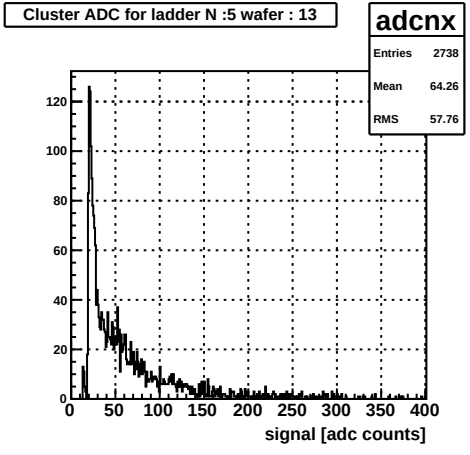

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2262
Mean 67.46
RMS 57.3
signal [adc counts]

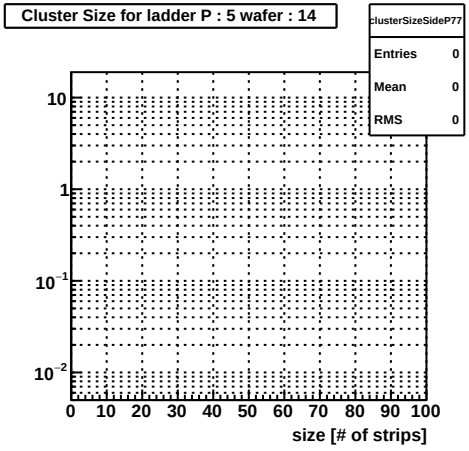

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 2
Mean 1
RMS 0
size [# of strips]

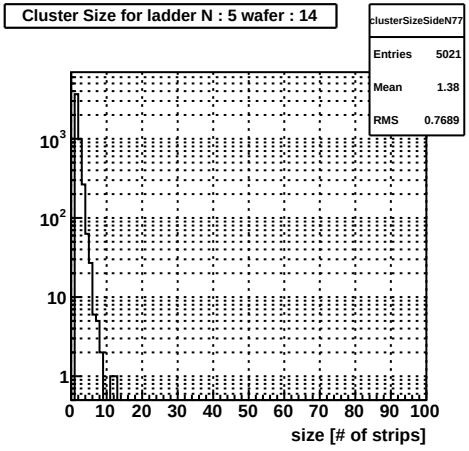

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2738
Mean 1.374
RMS 0.685
size [# of strips]

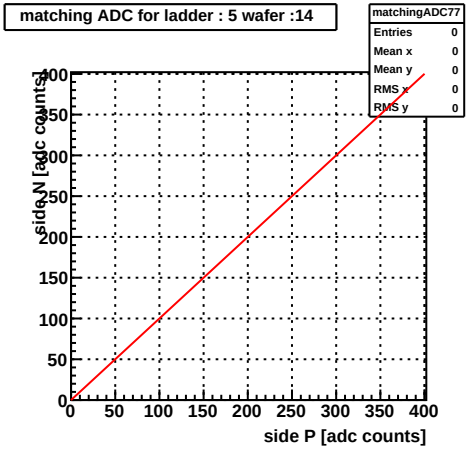

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

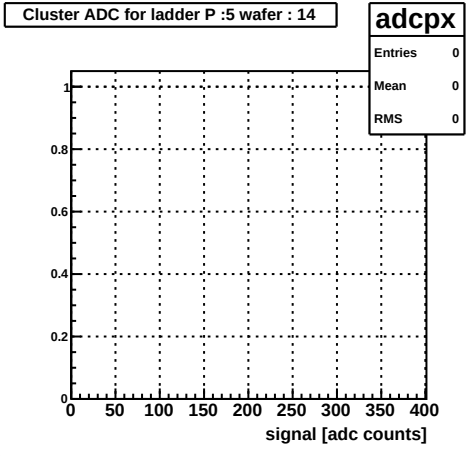

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

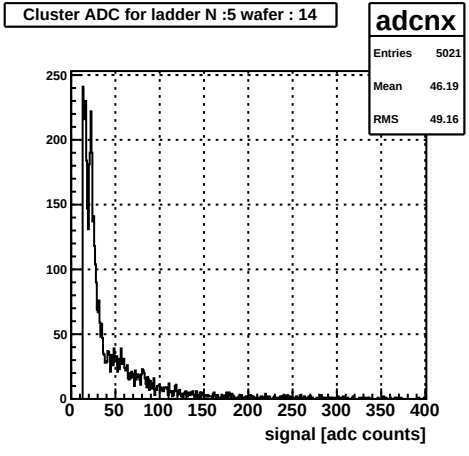

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2738
Mean 64.26
RMS 57.76
signal [adc counts]

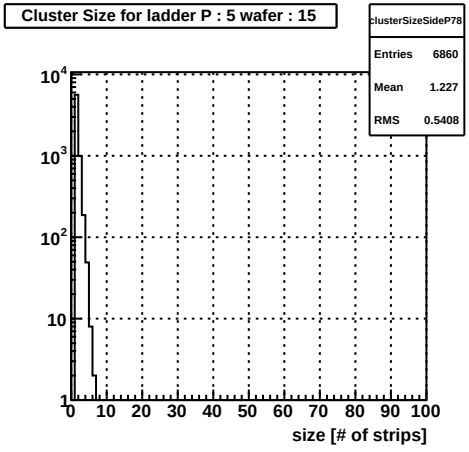

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

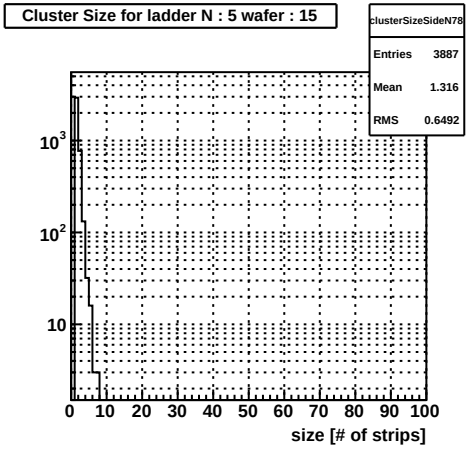

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5021
Mean 1.38
RMS 0.7689
size [# of strips]

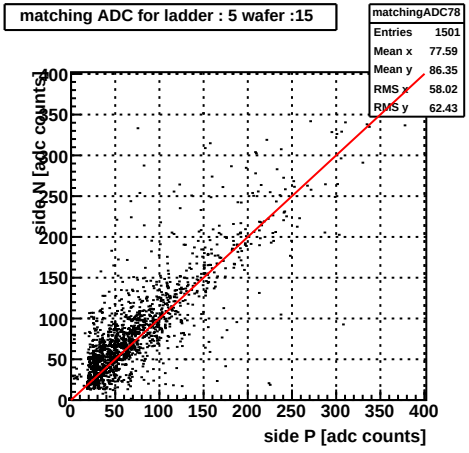

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

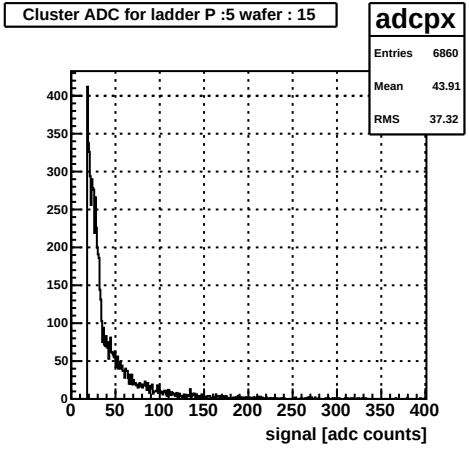

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

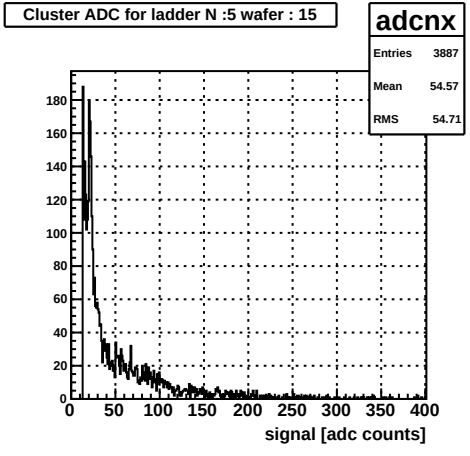

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5021
Mean 46.19
RMS 49.16
signal [adc counts]

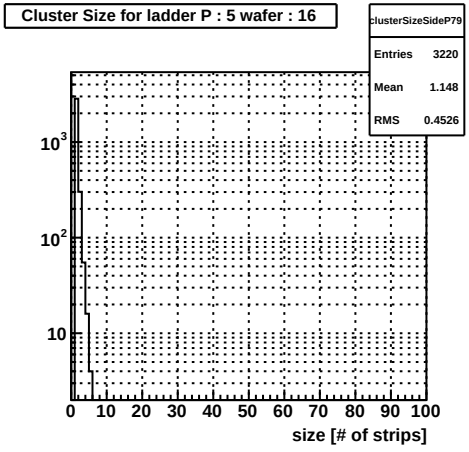

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6860
Mean 1.227
RMS 0.5408
size [# of strips]

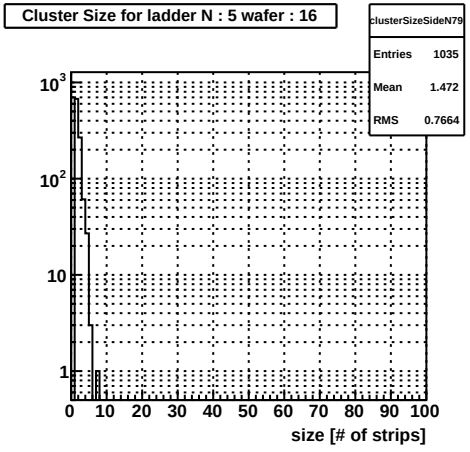

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3887
Mean 1.316
RMS 0.6492
size [# of strips]

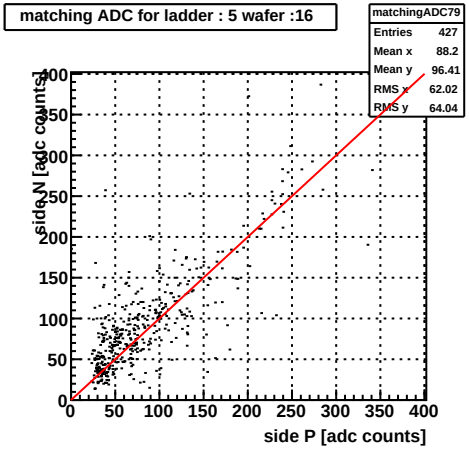

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1501
Mean x 77.59
Mean y 86.35
RMS x 58.02
RMS y 62.43
side N [adc counts]
side P [adc counts]

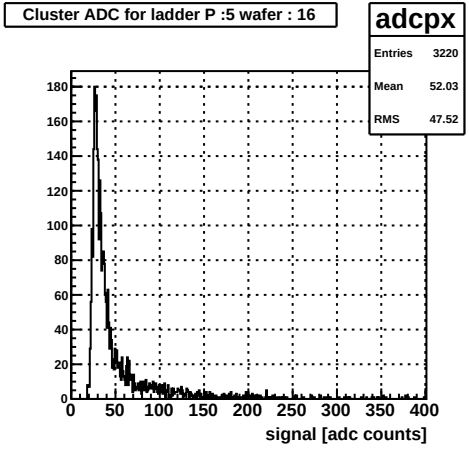

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6860
Mean 43.91
RMS 37.32
signal [adc counts]

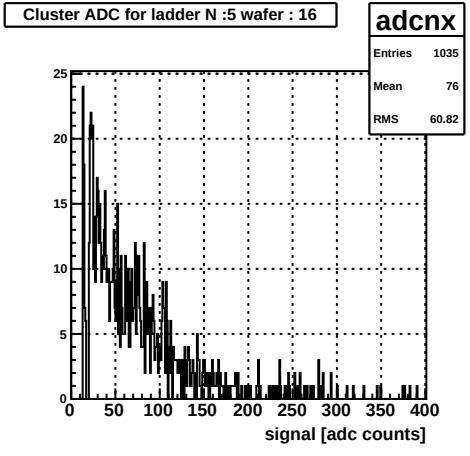

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3887
Mean 54.57
RMS 54.71
signal [adc counts]

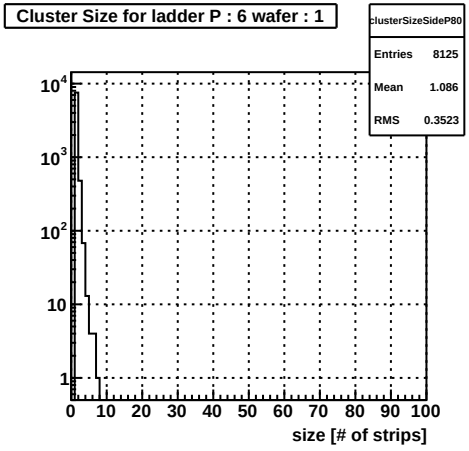

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 3220
Mean 1.148
RMS 0.4526
size [# of strips]

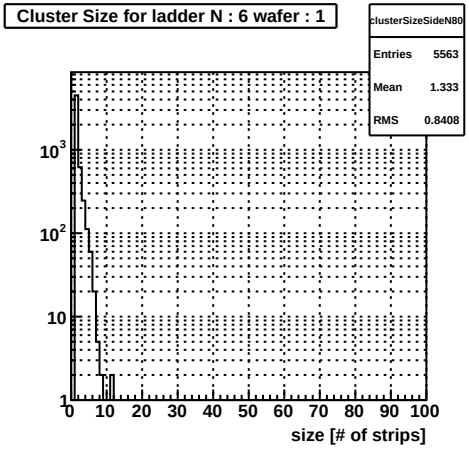

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1035
Mean 1.472
RMS 0.7664
size [# of strips]

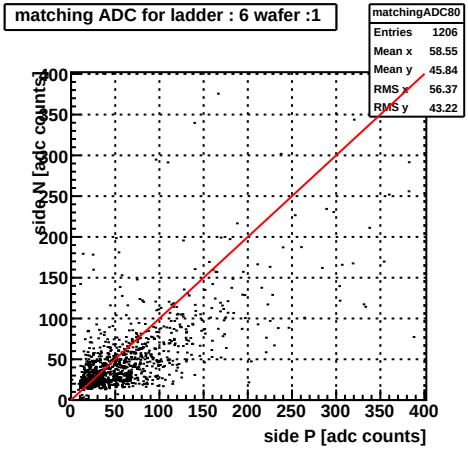

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 427
Mean x 88.2
Mean y 96.41
RMS x 62.02
RMS y 64.04
side N [adc counts]
side P [adc counts]

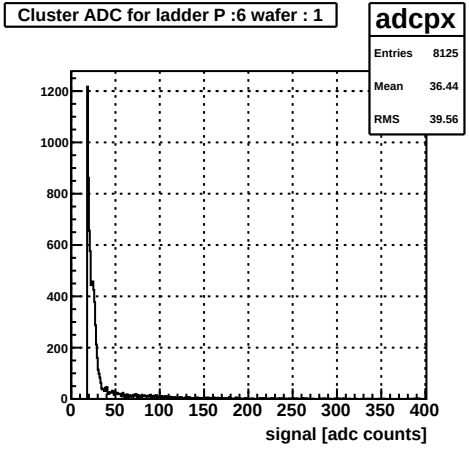

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 3220
Mean 52.03
RMS 47.52
signal [adc counts]

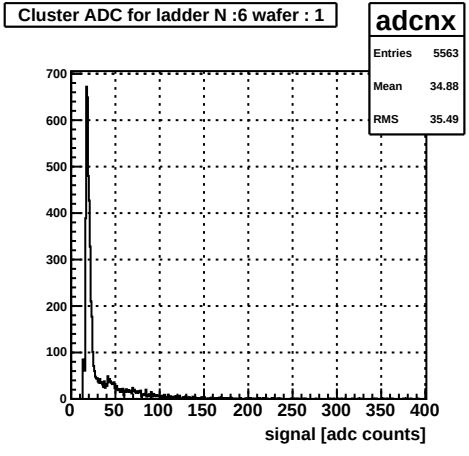

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1035
Mean 76
RMS 60.82
signal [adc counts]

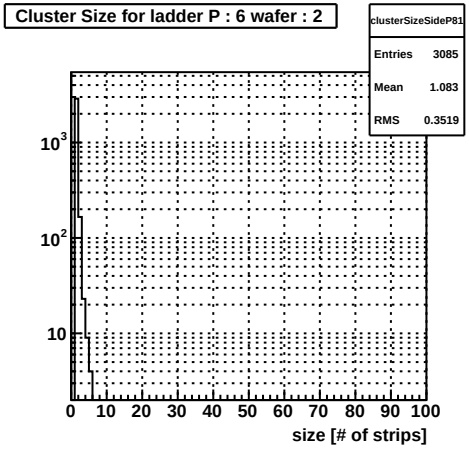

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 8125
Mean 1.086
RMS 0.3523
size [# of strips]

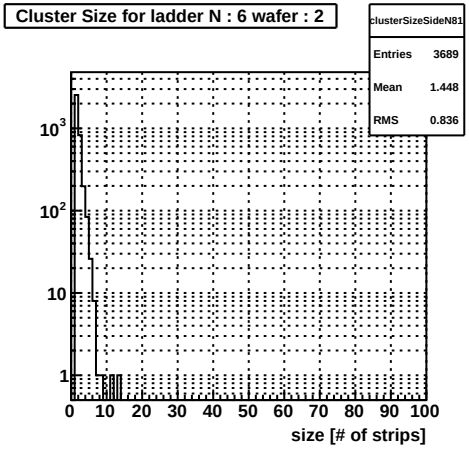

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5563
Mean 1.333
RMS 0.8408
size [# of strips]

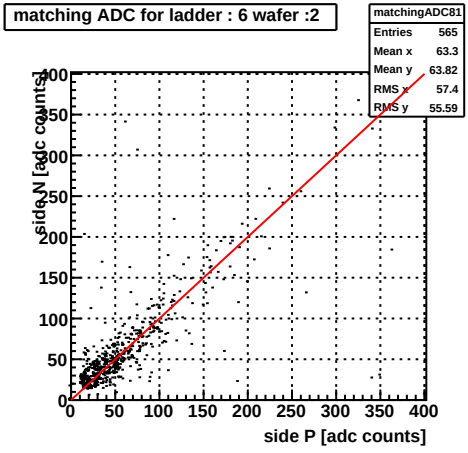

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1206
Mean x 58.55
Mean y 45.84
RMS x 56.37
RMS y 43.22
side N [adc counts]
side P [adc counts]

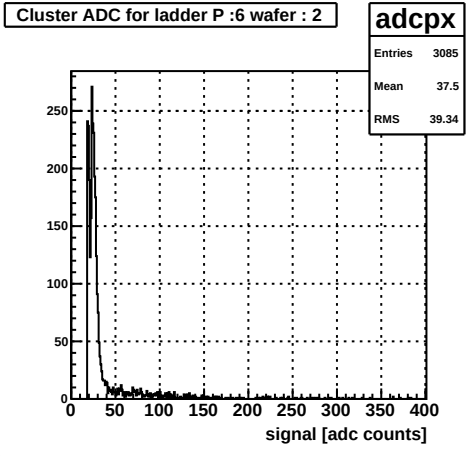

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 8125
Mean 36.44
RMS 39.56
signal [adc counts]

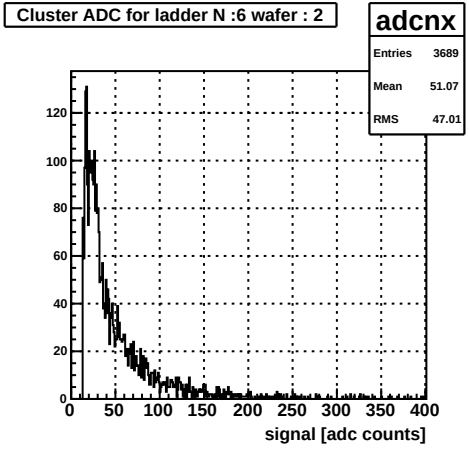

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5563
Mean 34.88
RMS 35.49
signal [adc counts]

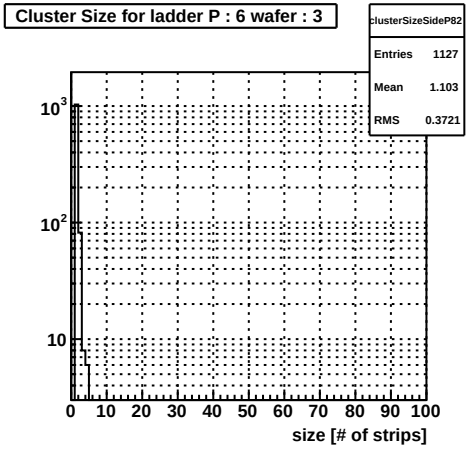

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3085
Mean 1.083
RMS 0.3519
size [# of strips]

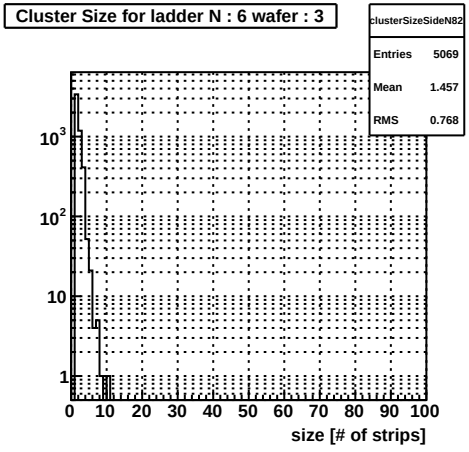

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3689
Mean 1.448
RMS 0.836
size [# of strips]

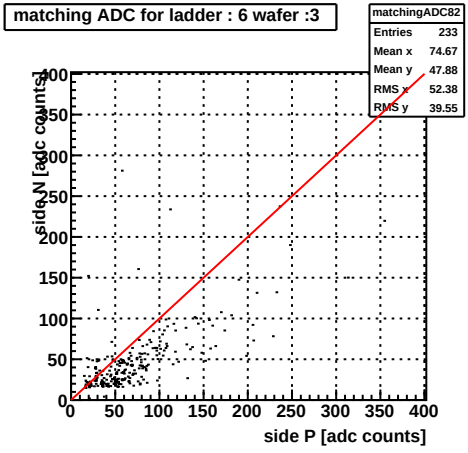

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 565
Mean x 63.3
Mean y 63.82
RMS x 57.4
RMS y 55.59
side N [adc counts]
side P [adc counts]

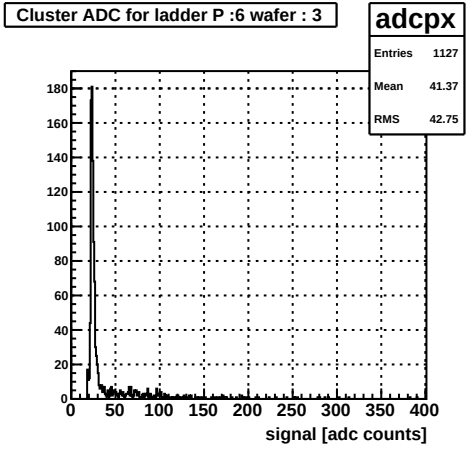

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3085
Mean 37.5
RMS 39.34
signal [adc counts]

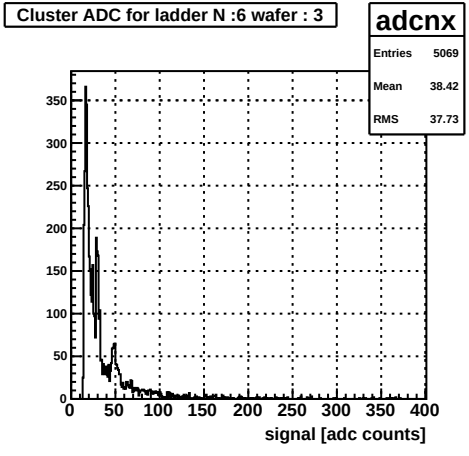

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3689
Mean 51.07
RMS 47.01
signal [adc counts]

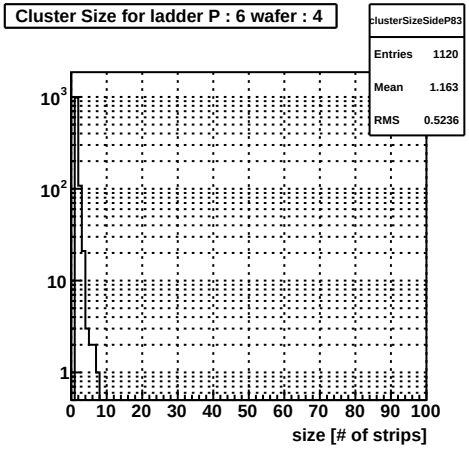

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1127
Mean 1.103
RMS 0.3721
size [# of strips]

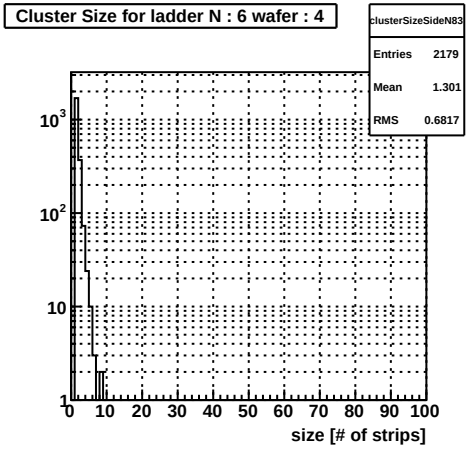

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 5069
Mean 1.457
RMS 0.768
size [# of strips]

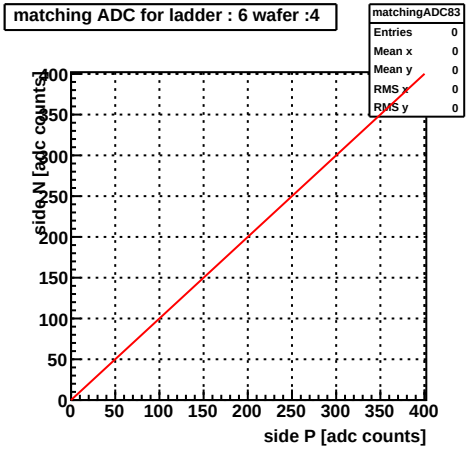

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 233
Mean x 74.67
Mean y 47.88
RMS x 52.38
RMS y 39.55
side N [adc counts]
side P [adc counts]

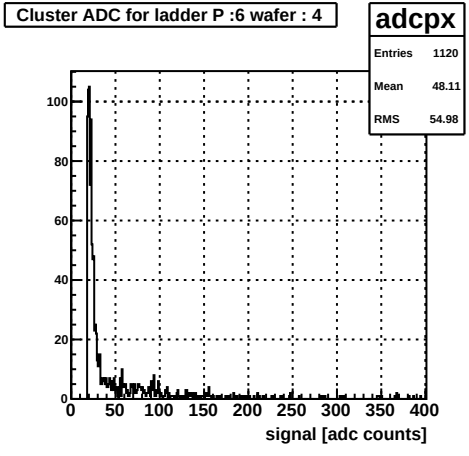

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1127
Mean 41.37
RMS 42.75
signal [adc counts]

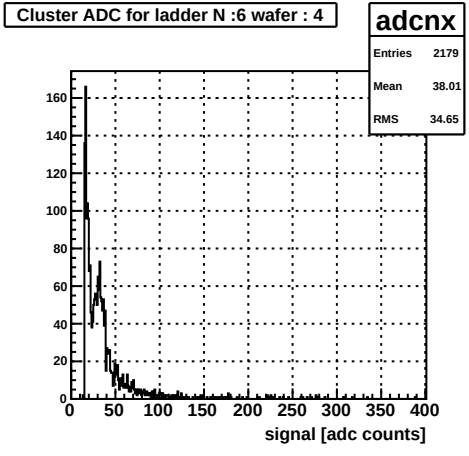

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 5069
Mean 38.42
RMS 37.73
signal [adc counts]

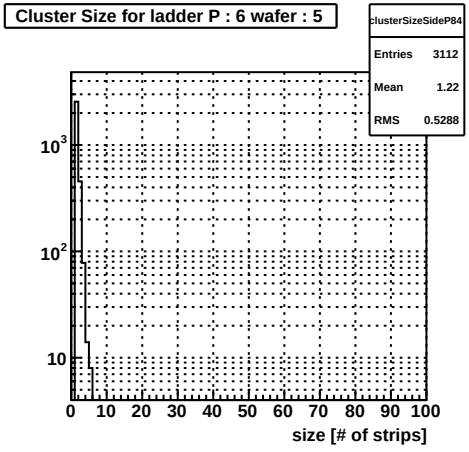

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1120
Mean 1.163
RMS 0.5236
size [# of strips]

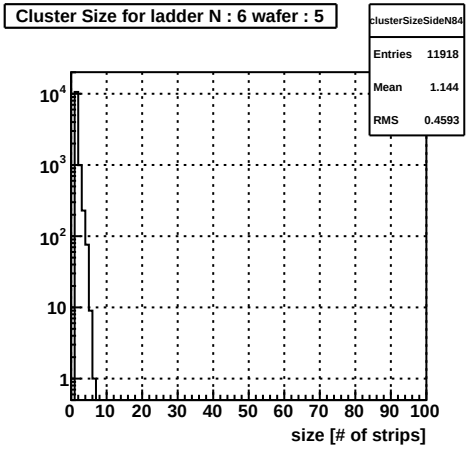

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2179
Mean 1.301
RMS 0.6817
size [# of strips]

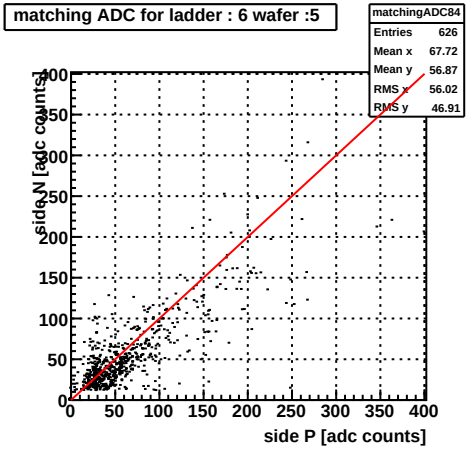

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

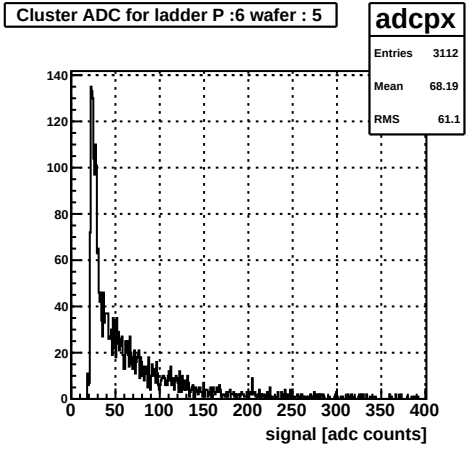

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1120
Mean 48.11
RMS 54.98
signal [adc counts]

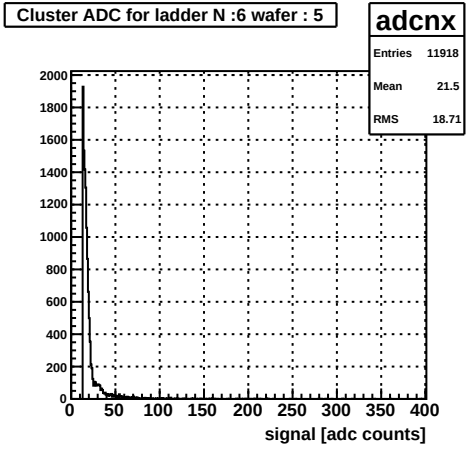

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2179
Mean 38.01
RMS 34.65
signal [adc counts]

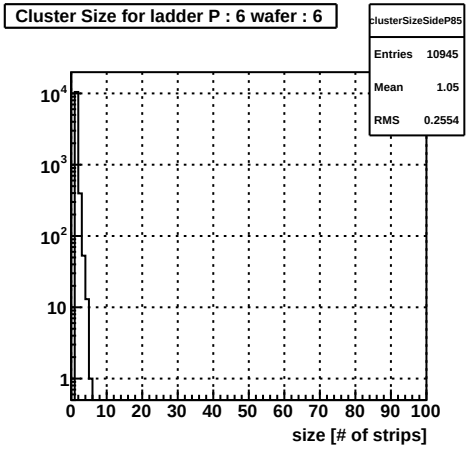

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 3112
Mean 1.22
RMS 0.5288
size [# of strips]

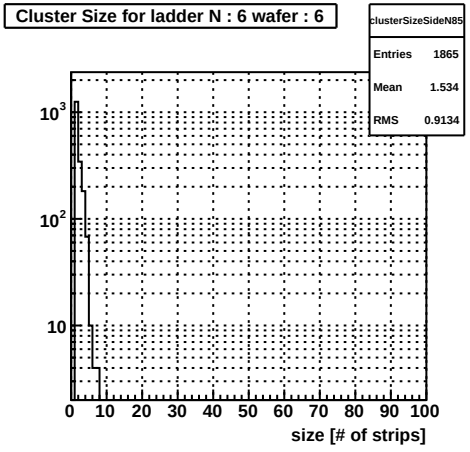

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 11918
Mean 1.144
RMS 0.4593
size [# of strips]

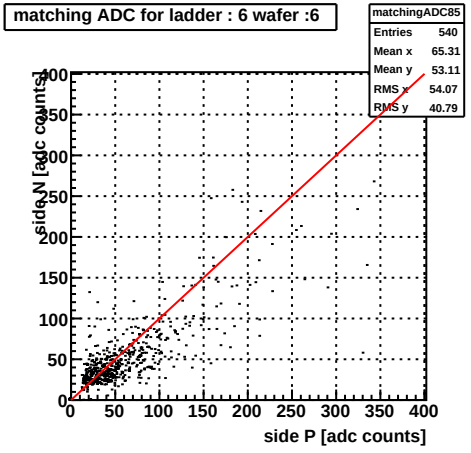

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 626
Mean x 67.72
Mean y 56.87
RMS x 56.02
RMS y 46.91
side N [adc counts]
side P [adc counts]

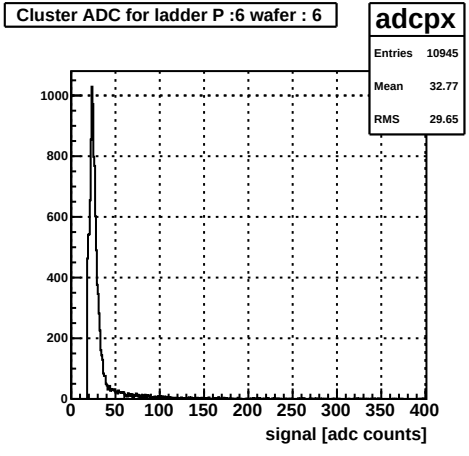

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 3112
Mean 68.19
RMS 61.1
signal [adc counts]

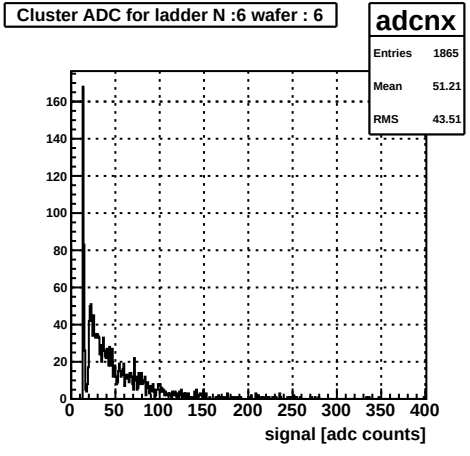

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 11918
Mean 21.5
RMS 18.71
signal [adc counts]

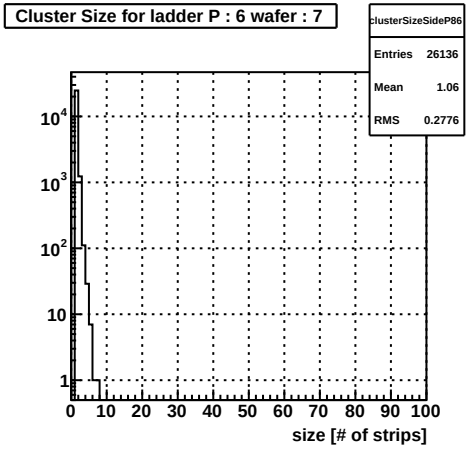

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10945
Mean 1.05
RMS 0.2554
size [# of strips]

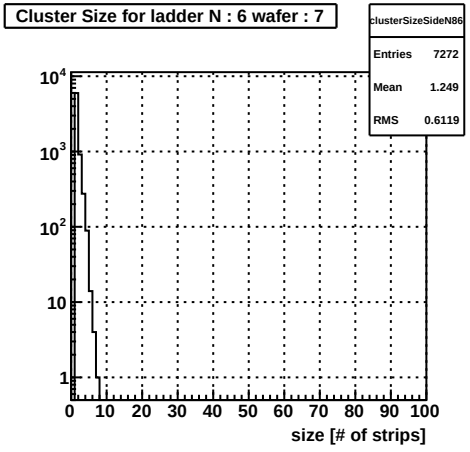

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1865
Mean 1.534
RMS 0.9134
size [# of strips]

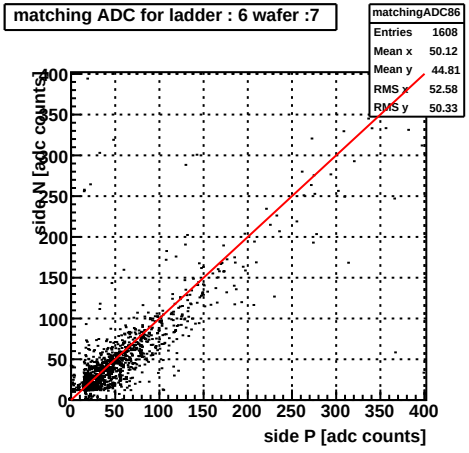

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 540
Mean x 65.31
Mean y 53.11
RMS x 54.07
RMS y 40.79
side N [adc counts]
side P [adc counts]

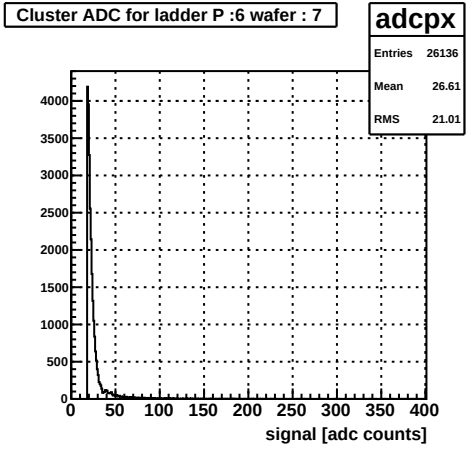

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10945
Mean 32.77
RMS 29.65
signal [adc counts]

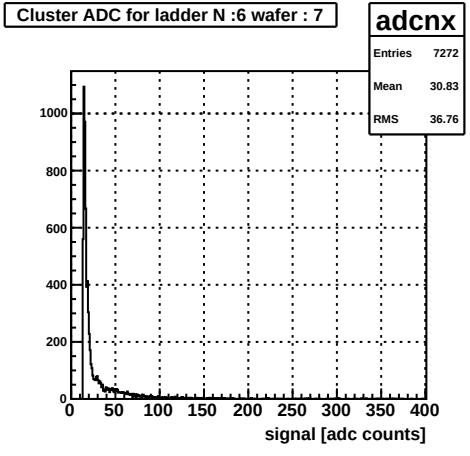

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1865
Mean 51.21
RMS 43.51
signal [adc counts]

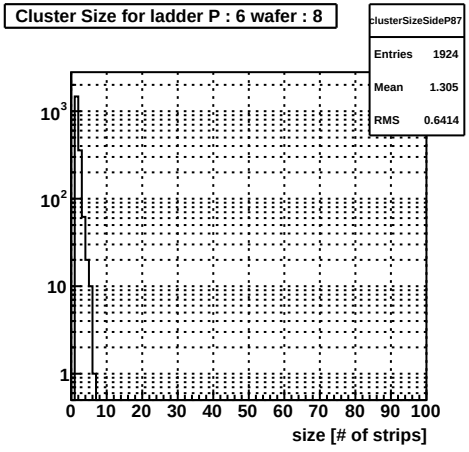

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 26136
Mean 1.06
RMS 0.2776
size [# of strips]

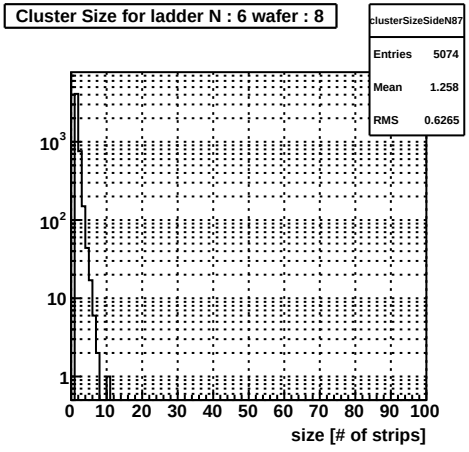

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 7272
Mean 1.249
RMS 0.6119
size [# of strips]

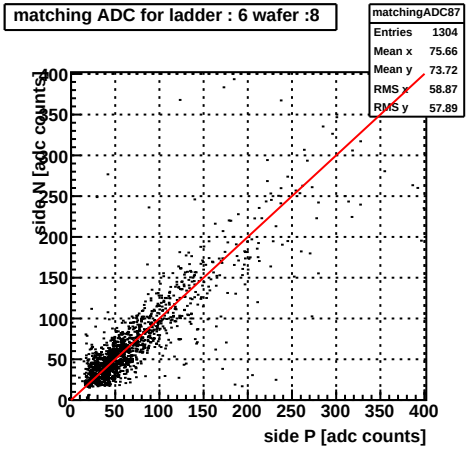

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1608
Mean x 50.12
Mean y 44.81
RMS x 52.58
RMS y 50.33
side N [adc counts]
side P [adc counts]

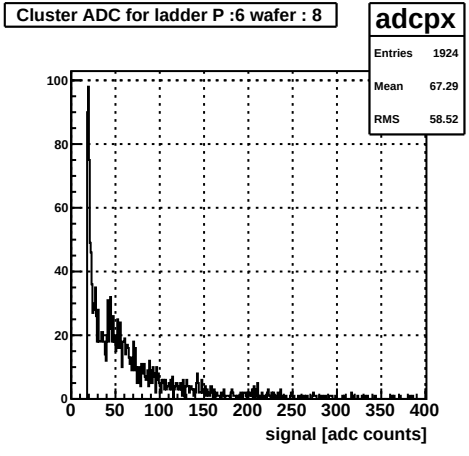

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 26136
Mean 26.61
RMS 21.01
signal [adc counts]

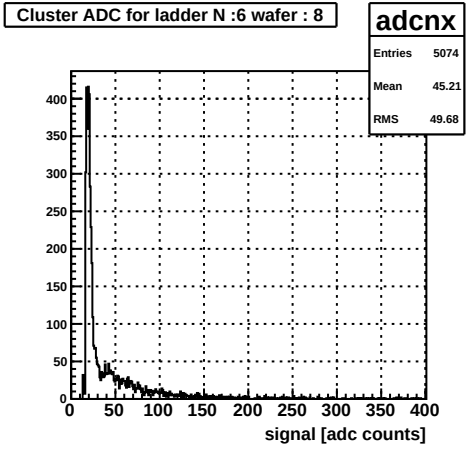

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 7272
Mean 30.83
RMS 36.76
signal [adc counts]

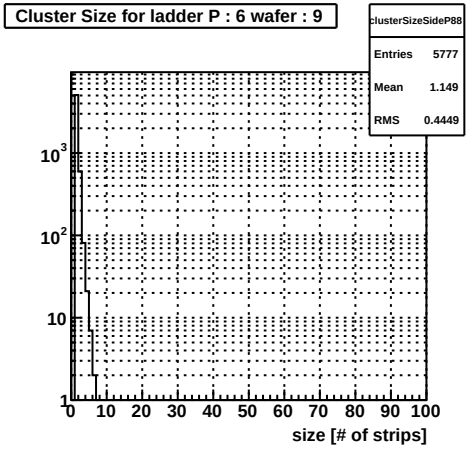

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1924
Mean 1.305
RMS 0.6414
size [# of strips]

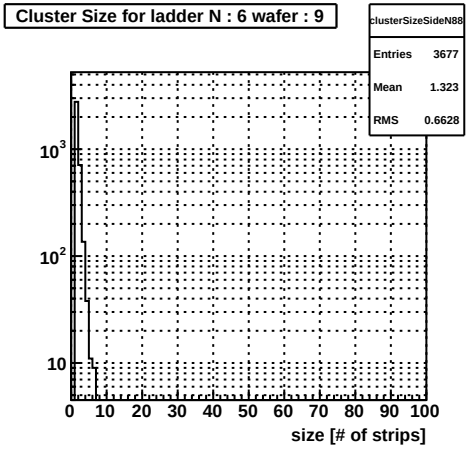

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 5074
Mean 1.258
RMS 0.6265
size [# of strips]

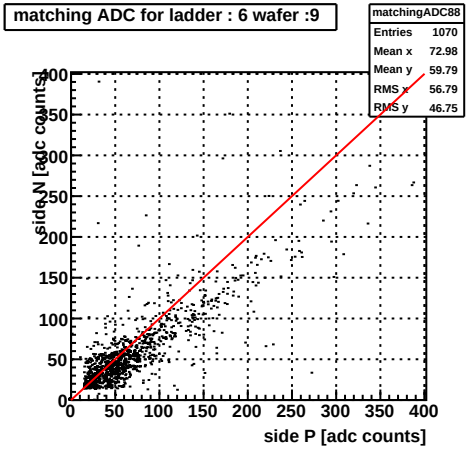

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1304
Mean x 75.66
Mean y 73.72
RMS x 58.87
RMS y 57.89
side N [adc counts]
side P [adc counts]

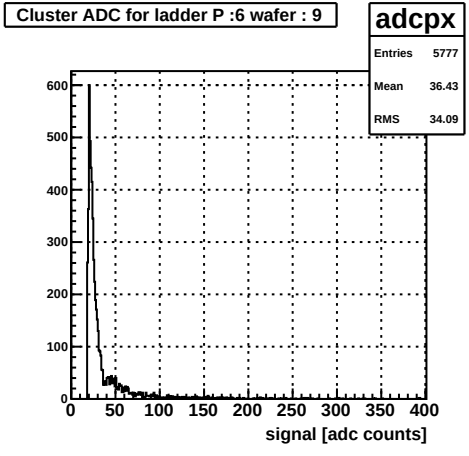

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1924
Mean 67.29
RMS 58.52
signal [adc counts]

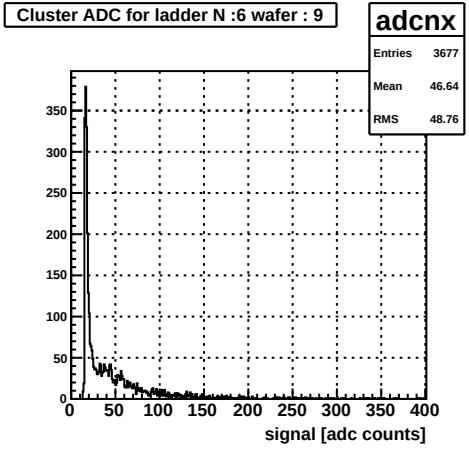

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 5074
Mean 45.21
RMS 49.68
signal [adc counts]

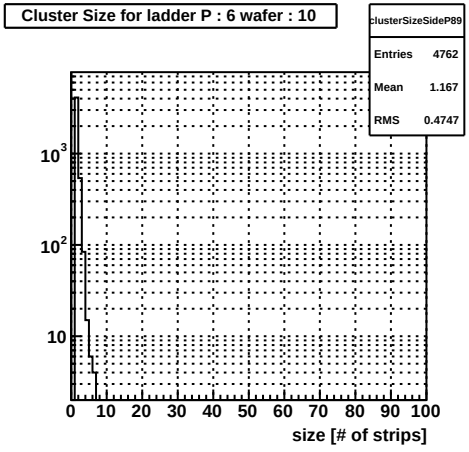

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5777
Mean 1.149
RMS 0.4449
size [# of strips]

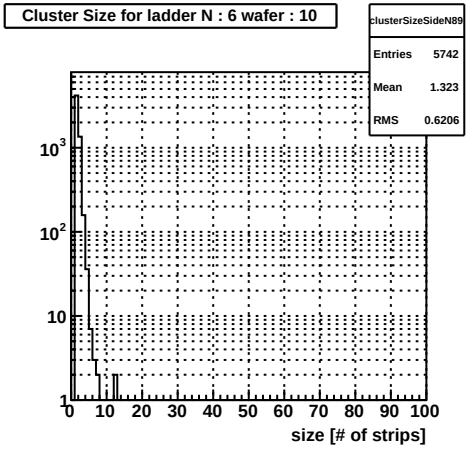

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3677
Mean 1.323
RMS 0.6628
size [# of strips]

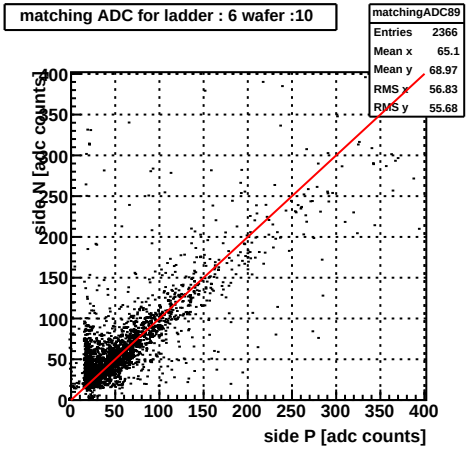

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1070
Mean x 72.98
Mean y 59.79
RMS x 56.79
RMS y 46.75
side N [adc counts]
side P [adc counts]

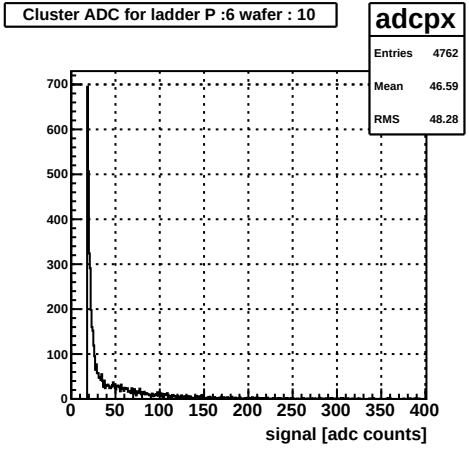

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5777
Mean 36.43
RMS 34.09
signal [adc counts]

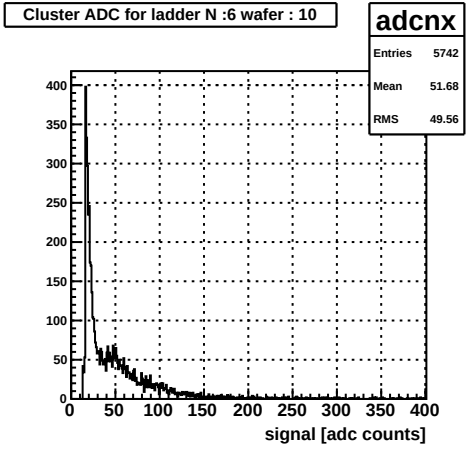

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3677
Mean 46.64
RMS 48.76
signal [adc counts]

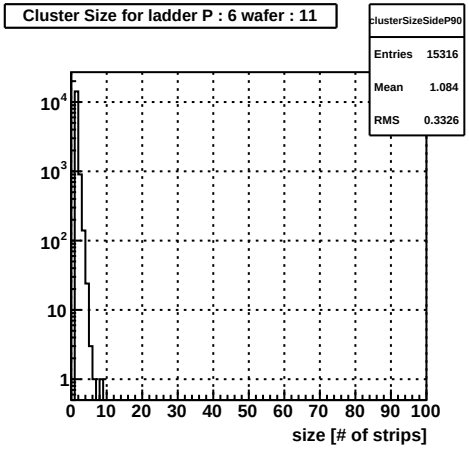

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4762
Mean 1.167
RMS 0.4747
size [# of strips]

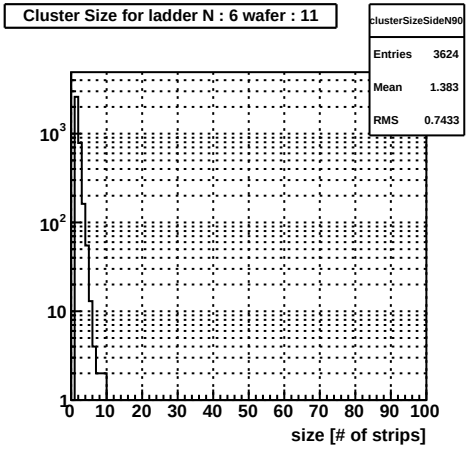

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5742
Mean 1.323
RMS 0.6206
size [# of strips]

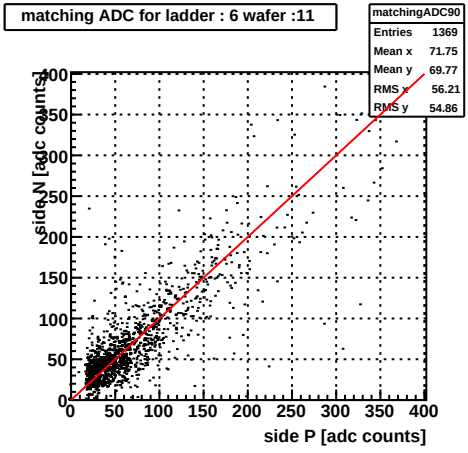

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2366
Mean x 65.1
Mean y 68.97
RMS x 56.83
RMS y 55.68
side N [adc counts]
side P [adc counts]

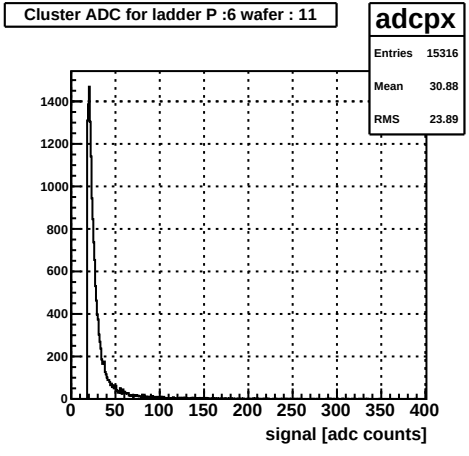

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4762
Mean 46.59
RMS 48.28
signal [adc counts]

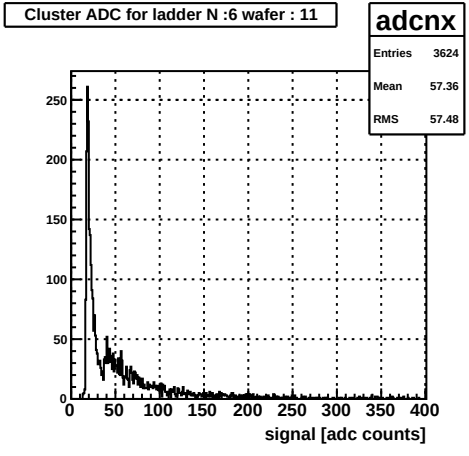

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5742
Mean 51.68
RMS 49.56
signal [adc counts]

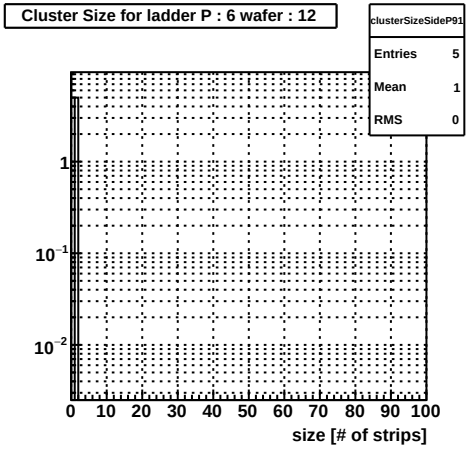

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 15316
Mean 1.084
RMS 0.3326
size [# of strips]

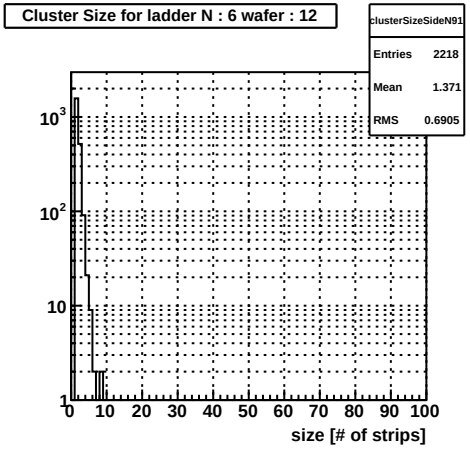

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3624
Mean 1.383
RMS 0.7433
size [# of strips]

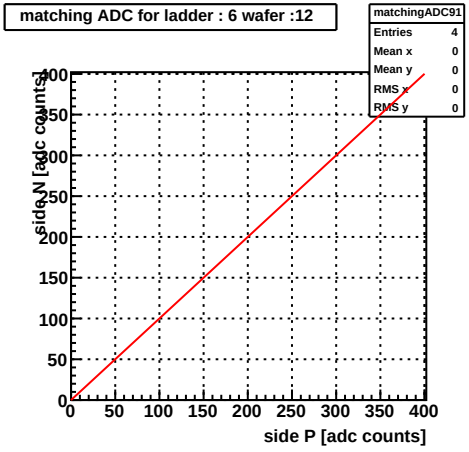

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1369
Mean x 71.75
Mean y 69.77
RMS x 56.21
RMS y 54.86
side N [adc counts]
side P [adc counts]

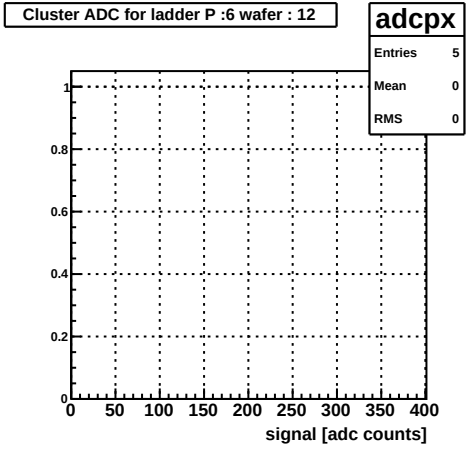

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 15316
Mean 30.88
RMS 23.89
signal [adc counts]

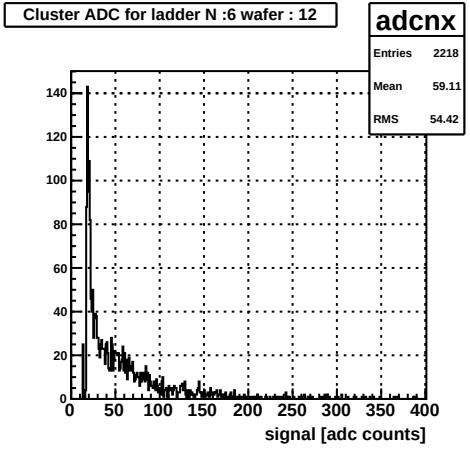

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3624
Mean 57.36
RMS 57.48
signal [adc counts]

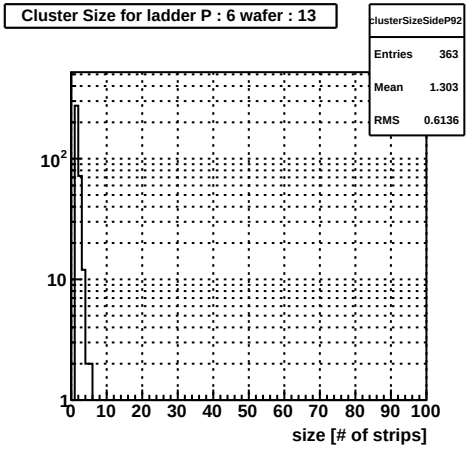

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 5
Mean 1
RMS 0
size [# of strips]

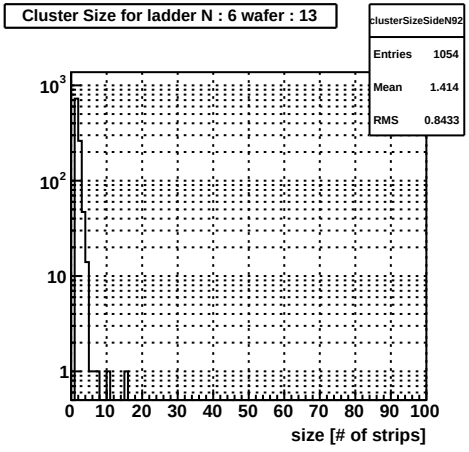

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2218
Mean 1.371
RMS 0.6905
size [# of strips]

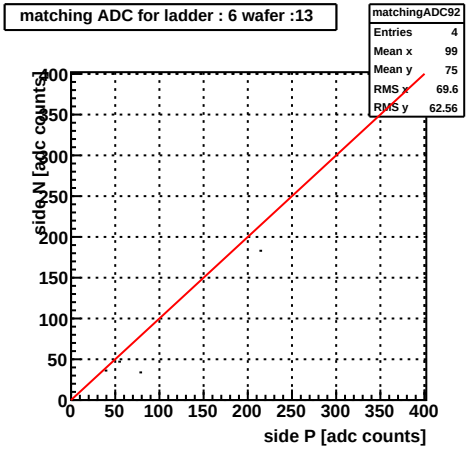

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

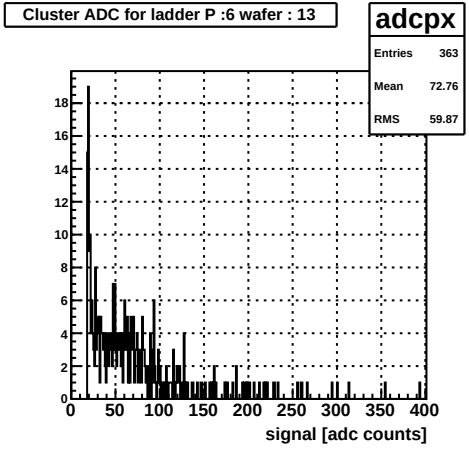

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

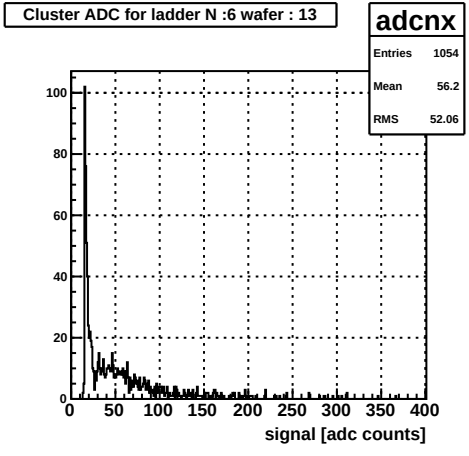

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2218
Mean 59.11
RMS 54.42
signal [adc counts]

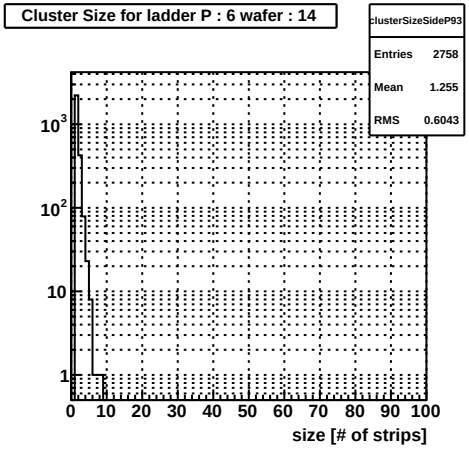

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 363
Mean 1.303
RMS 0.6136
size [# of strips]

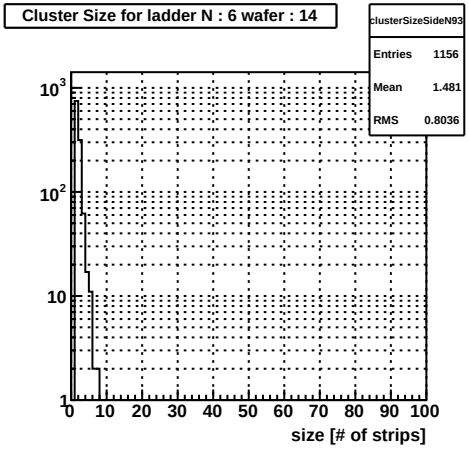

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1054
Mean 1.414
RMS 0.8433
size [# of strips]

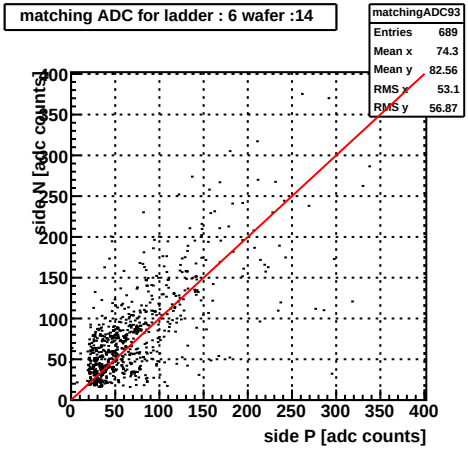

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 4
Mean x 99
Mean y 75
RMS x 69.6
RMS y 62.56
side N [adc counts]
side P [adc counts]

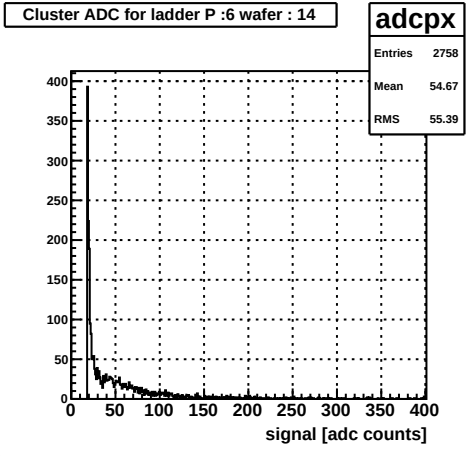

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 363
Mean 72.76
RMS 59.87
signal [adc counts]

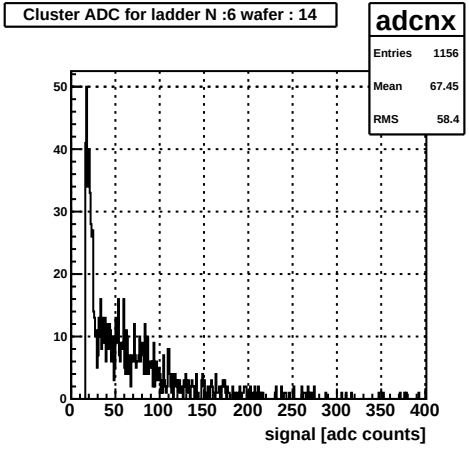

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1054
Mean 56.2
RMS 52.06
signal [adc counts]

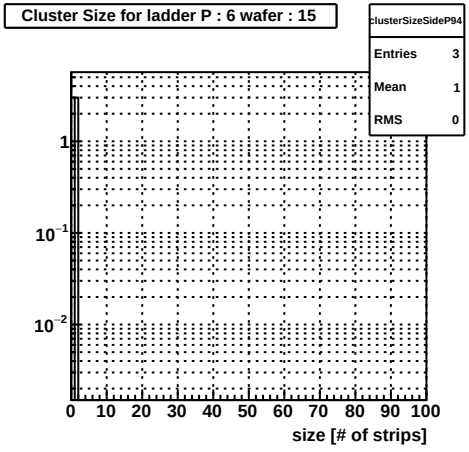

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2758
Mean 1.255
RMS 0.6043
size [# of strips]

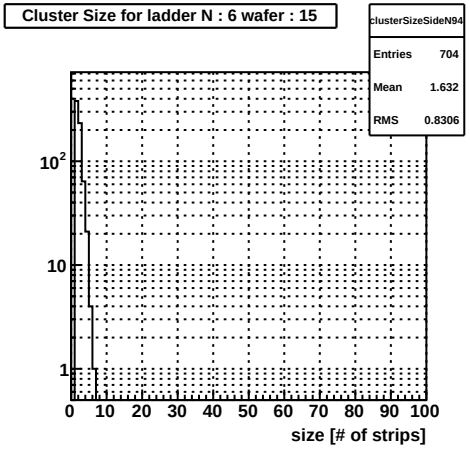

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1156
Mean 1.481
RMS 0.8036
size [# of strips]

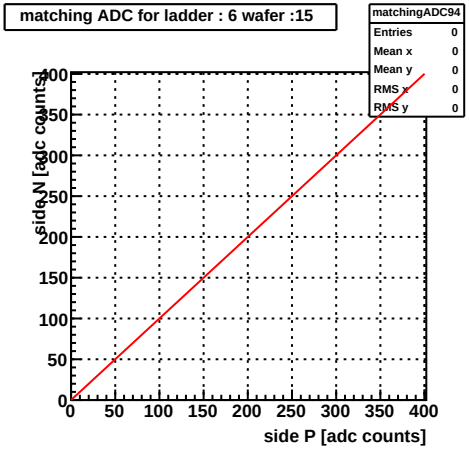

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 689
Mean x 74.3
Mean y 82.56
RMS x 53.1
RMS y 56.87
side N [adc counts]
side P [adc counts]

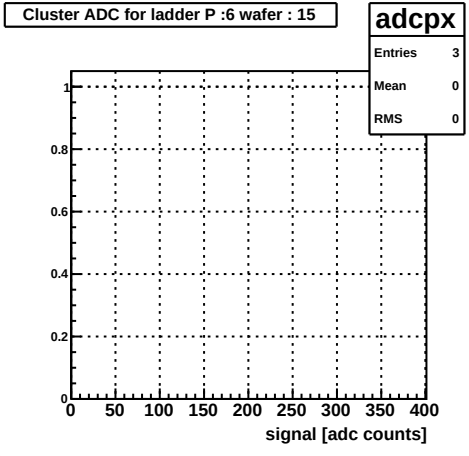

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2758
Mean 54.67
RMS 55.39
signal [adc counts]

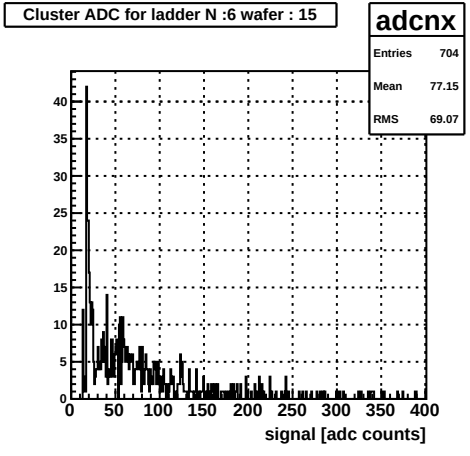

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1156
Mean 67.45
RMS 58.4
signal [adc counts]

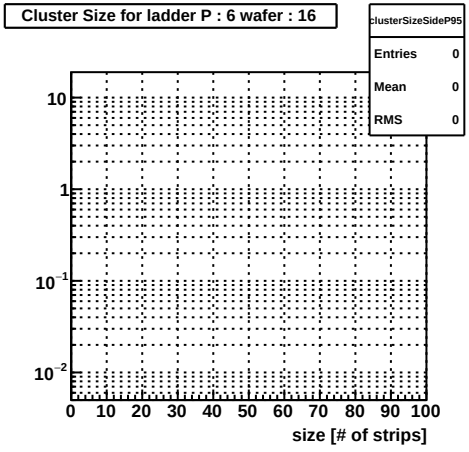

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 1
RMS 0
size [# of strips]

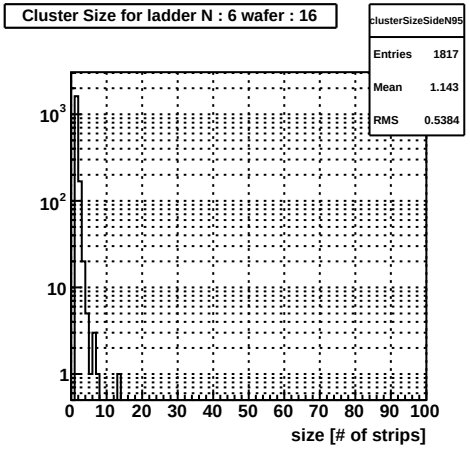

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 704
Mean 1.632
RMS 0.8306
size [# of strips]

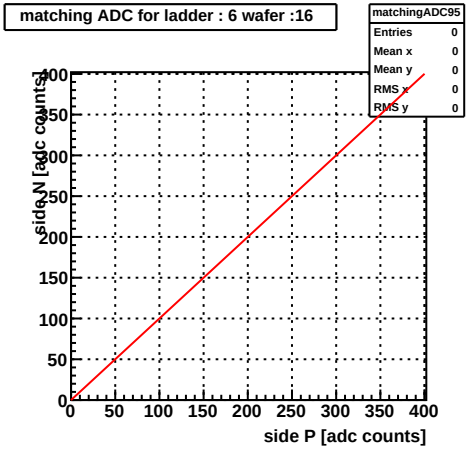

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

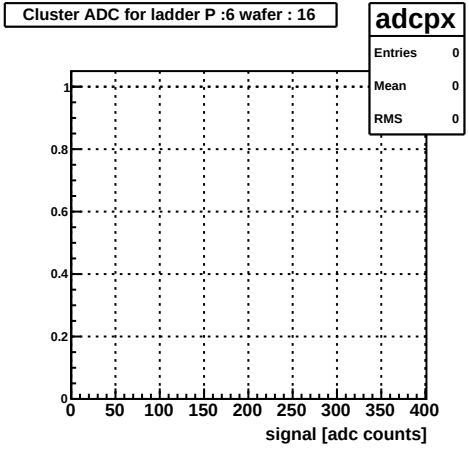

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

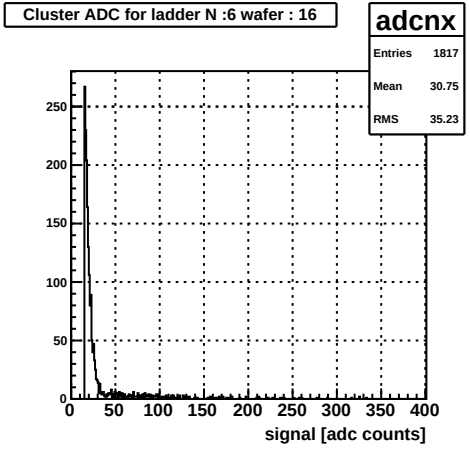

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 704
Mean 77.15
RMS 69.07
signal [adc counts]

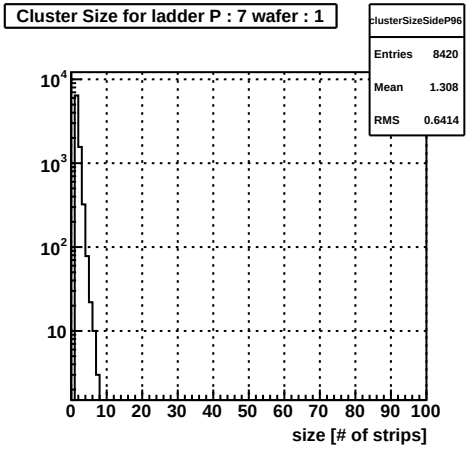

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

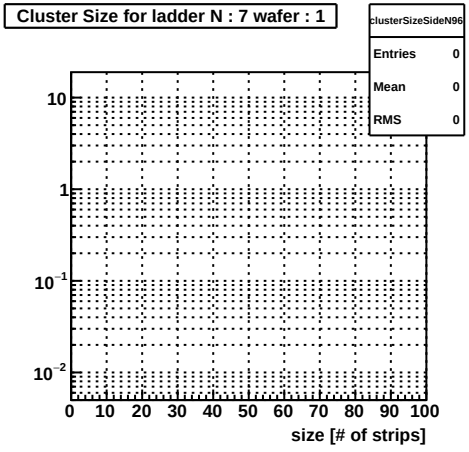

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1817
Mean 1.143
RMS 0.5384
size [# of strips]

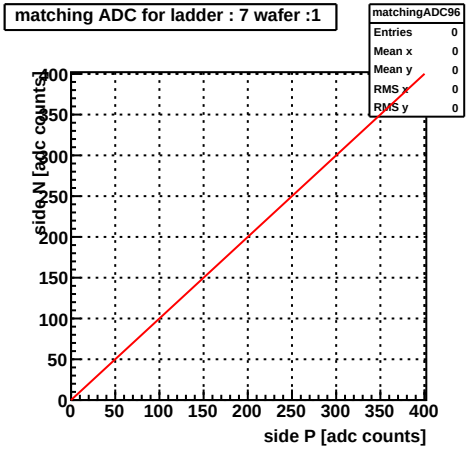

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

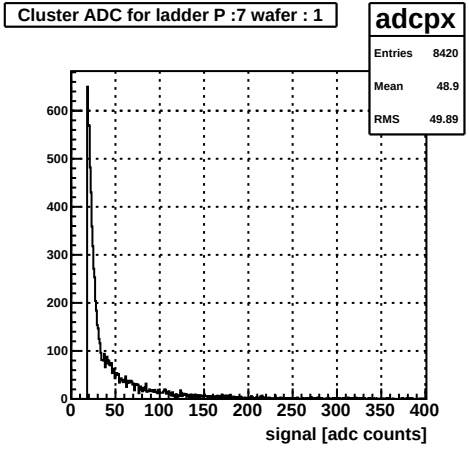

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

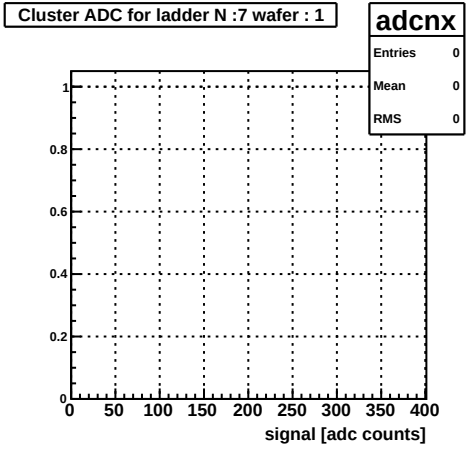

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1817
Mean 30.75
RMS 35.23
signal [adc counts]

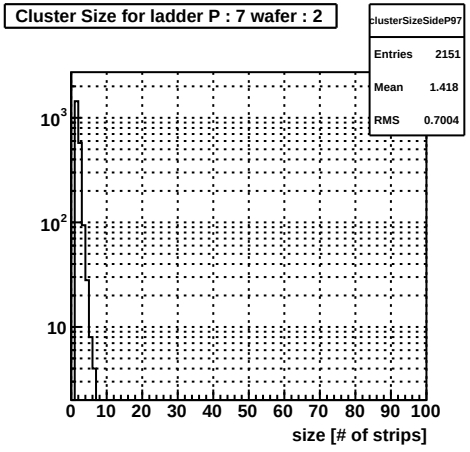

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8420
Mean 1.308
RMS 0.6414
size [# of strips]

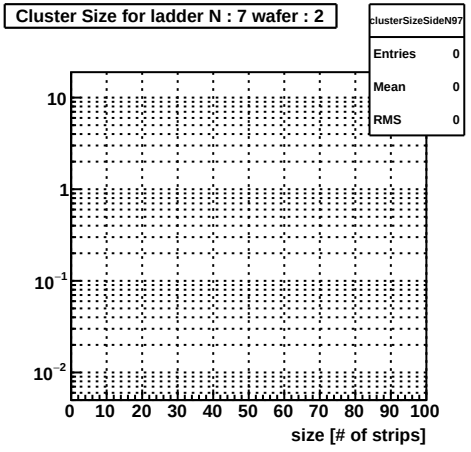

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

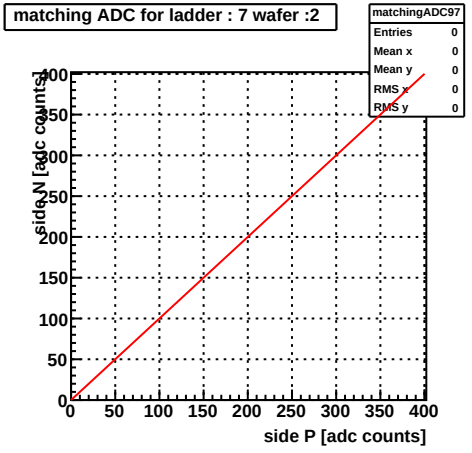

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

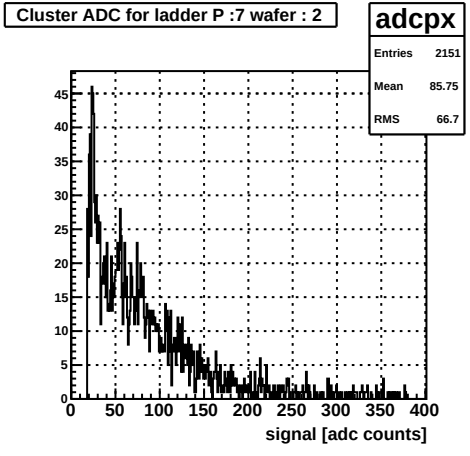

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8420
Mean 48.9
RMS 49.89
signal [adc counts]

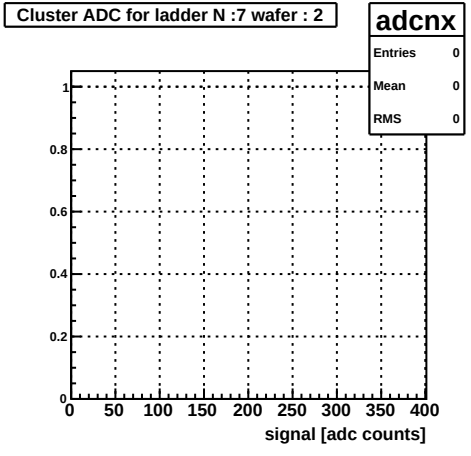

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

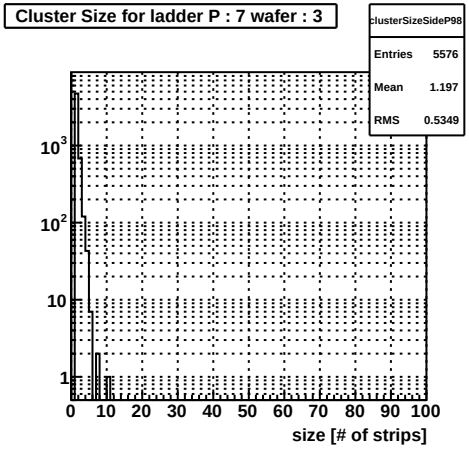

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2151
Mean 1.418
RMS 0.7004
size [# of strips]

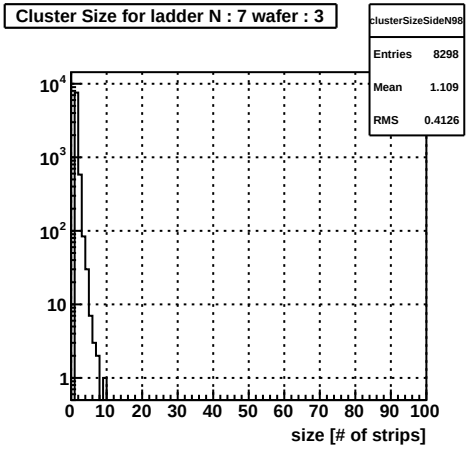

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

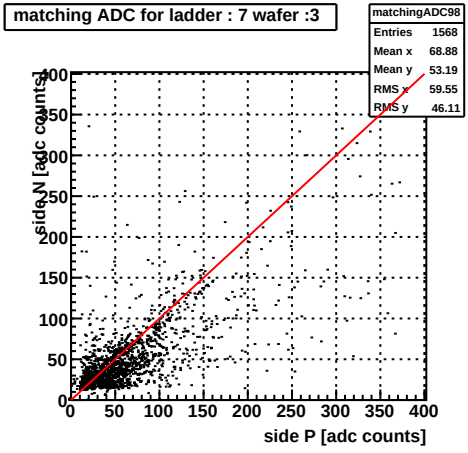

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

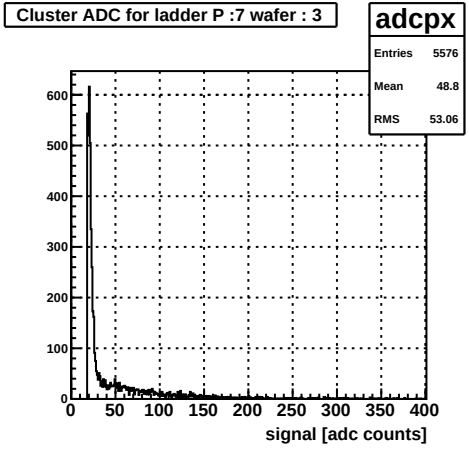

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2151
Mean 85.75
RMS 66.7
signal [adc counts]

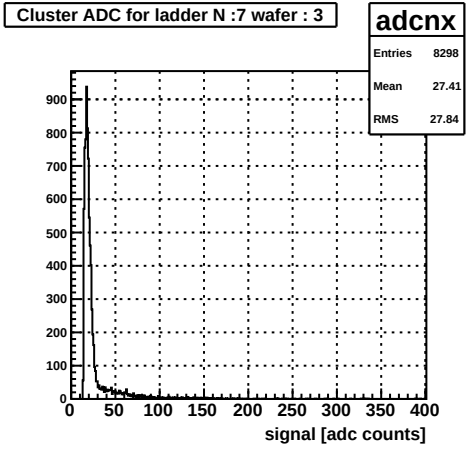

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

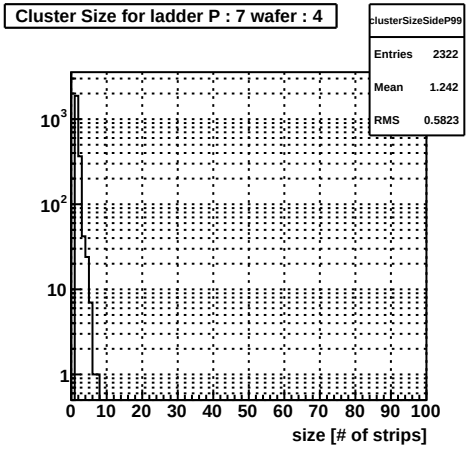

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5576
Mean 1.197
RMS 0.5349
size [# of strips]

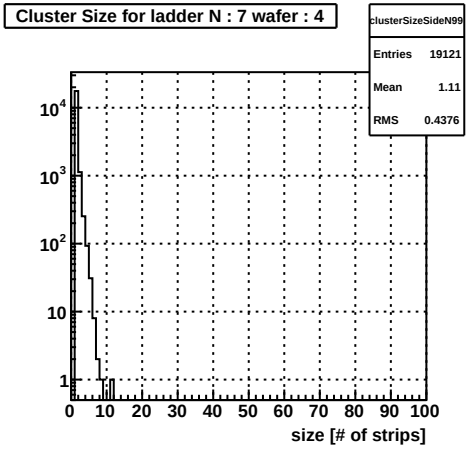

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 8298
Mean 1.109
RMS 0.4126
size [# of strips]

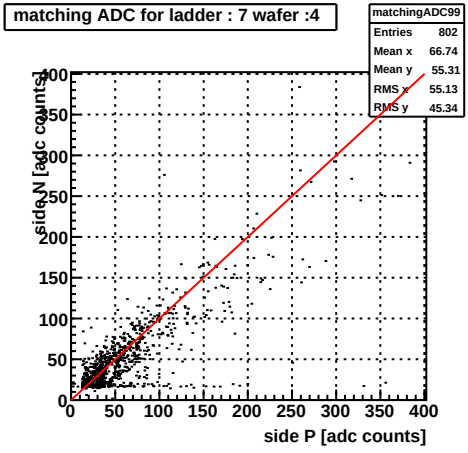

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1568
Mean x 68.88
Mean y 53.19
RMS x 59.55
RMS y 46.11
side N [adc counts]
side P [adc counts]

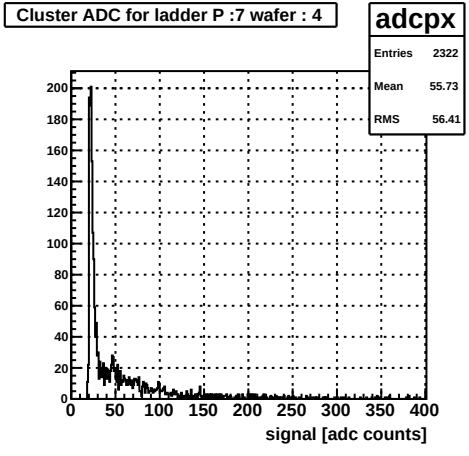

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5576
Mean 48.8
RMS 53.06
signal [adc counts]

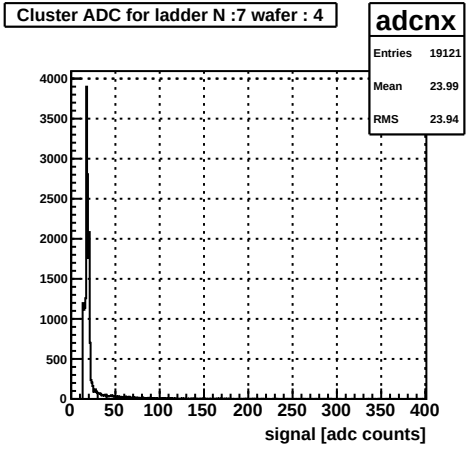

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 8298
Mean 27.41
RMS 27.84
signal [adc counts]

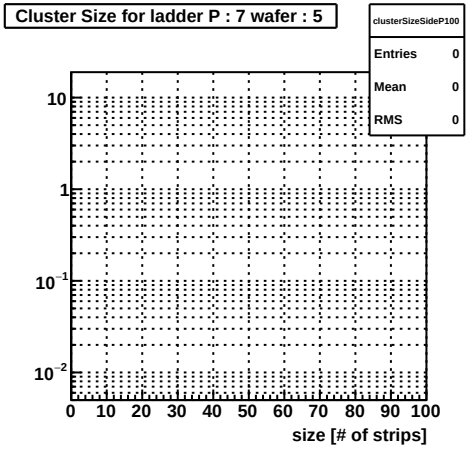

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2322
Mean 1.242
RMS 0.5823
size [# of strips]

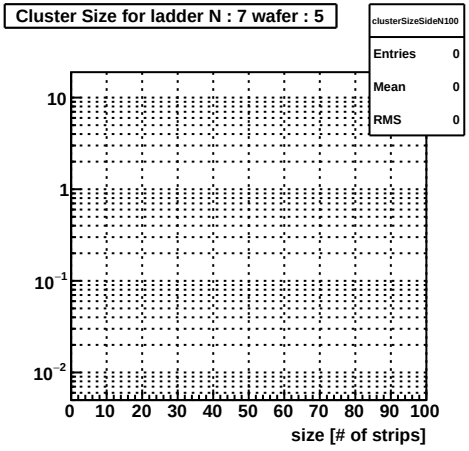

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 19121
Mean 1.11
RMS 0.4376
size [# of strips]

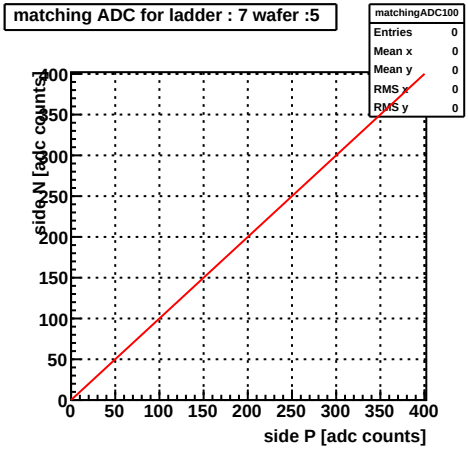

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 802
Mean x 66.74
Mean y 55.31
RMS x 55.13
RMS y 45.34
side N [adc counts]
side P [adc counts]

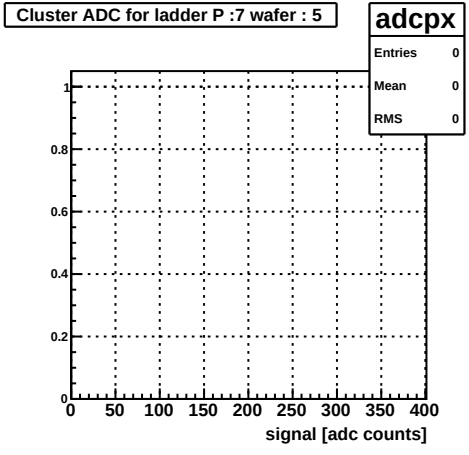

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2322
Mean 55.73
RMS 56.41
signal [adc counts]

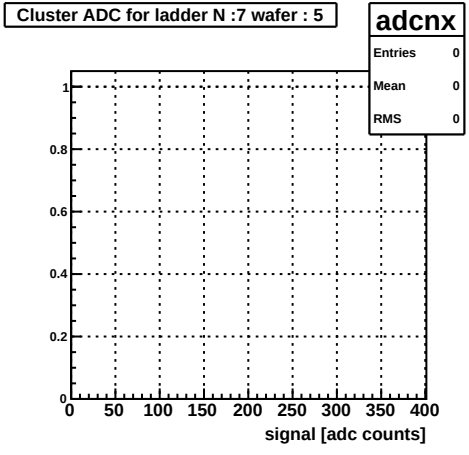

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 19121
Mean 23.99
RMS 23.94
signal [adc counts]

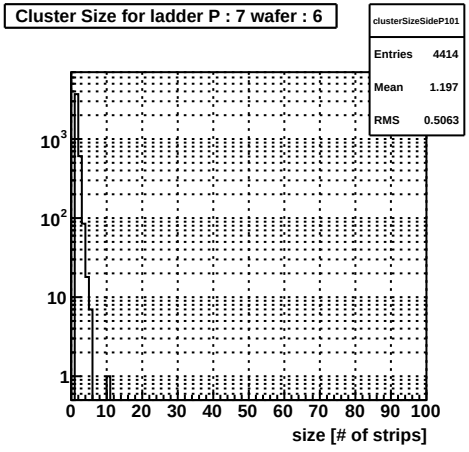

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 0
Mean 0
RMS 0
size [# of strips]

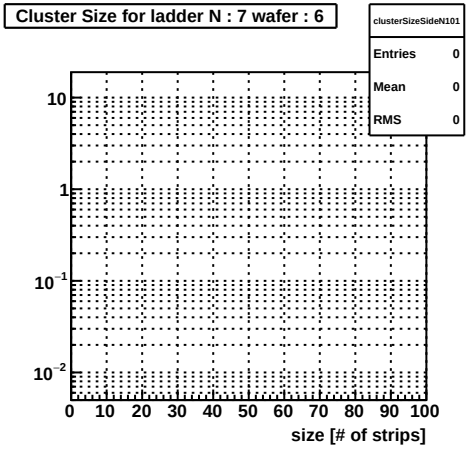

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

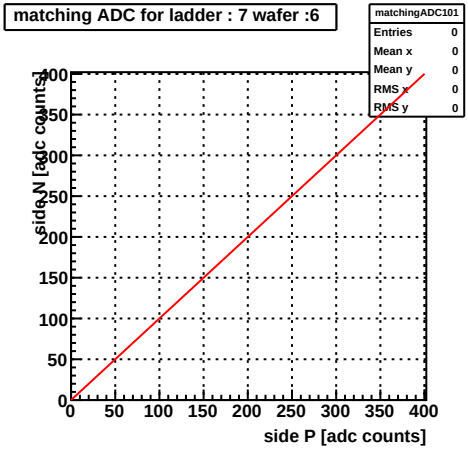

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

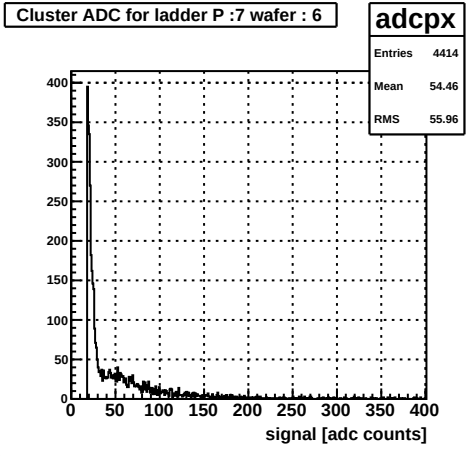

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

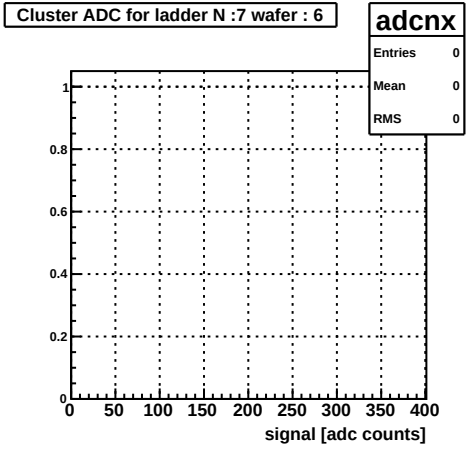

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

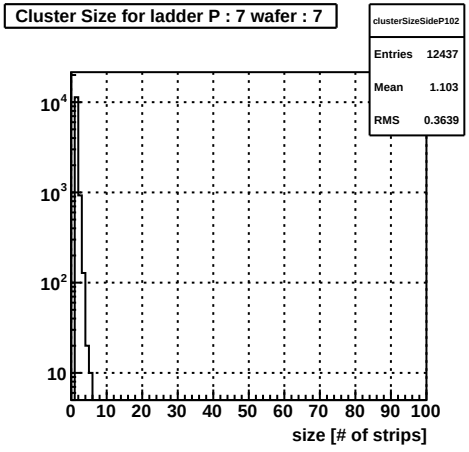

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4414
Mean 1.197
RMS 0.5063
size [# of strips]

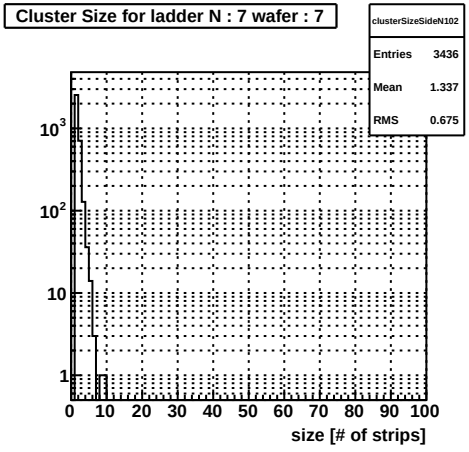

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

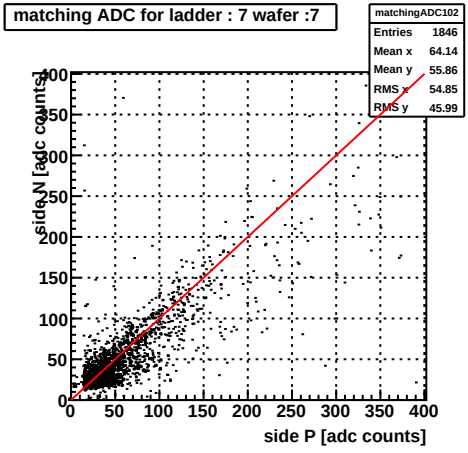

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

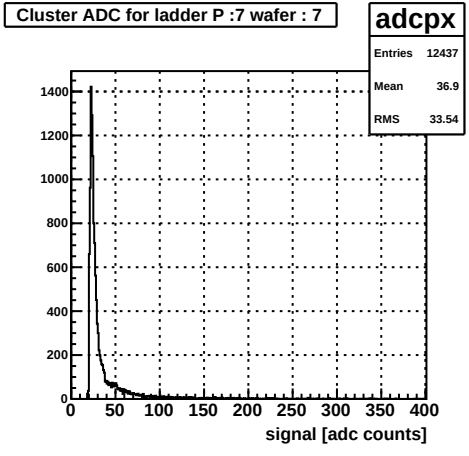

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4414
Mean 54.46
RMS 55.96
signal [adc counts]

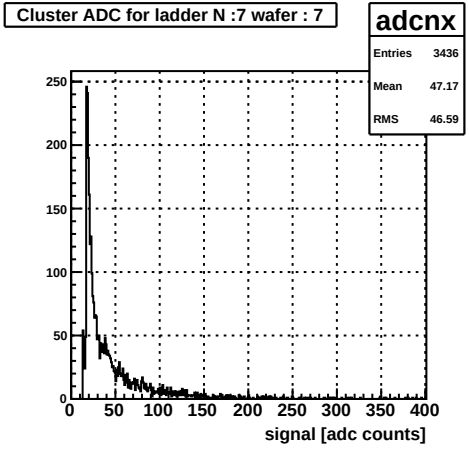

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

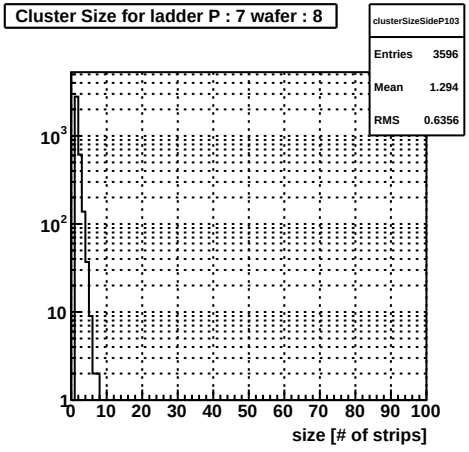

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 12437
Mean 1.103
RMS 0.3639
size [# of strips]

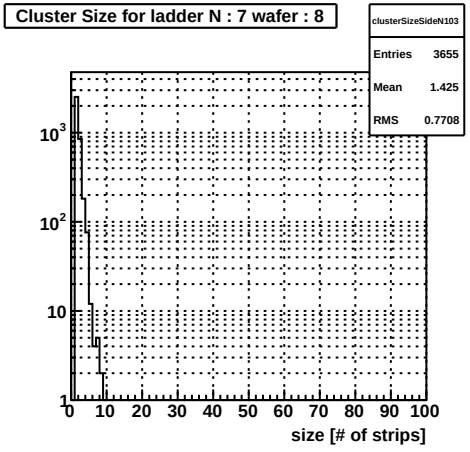

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3436
Mean 1.337
RMS 0.675
size [# of strips]

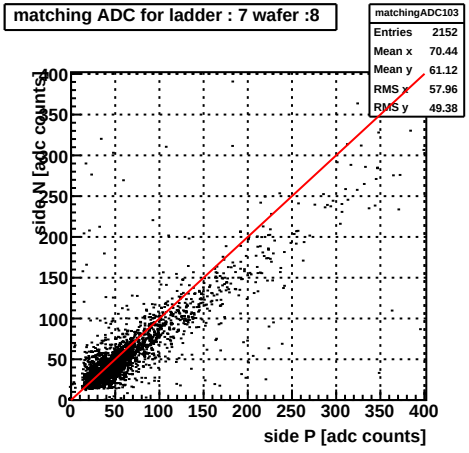

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1846
Mean x 64.14
Mean y 55.86
RMS x 54.85
RMS y 45.99
side N [adc counts]
side P [adc counts]

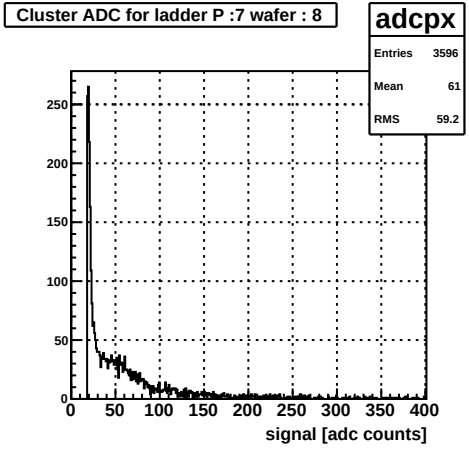

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 12437
Mean 36.9
RMS 33.54
signal [adc counts]

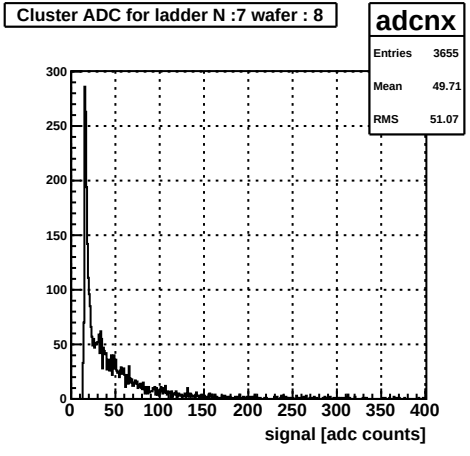

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3436
Mean 47.17
RMS 46.59
signal [adc counts]

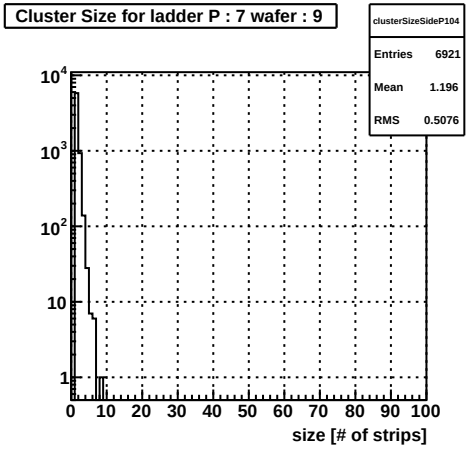

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3596
Mean 1.294
RMS 0.6356
size [# of strips]

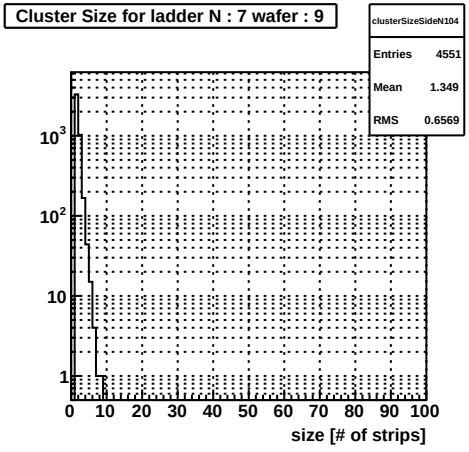

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3655
Mean 1.425
RMS 0.7708
size [# of strips]

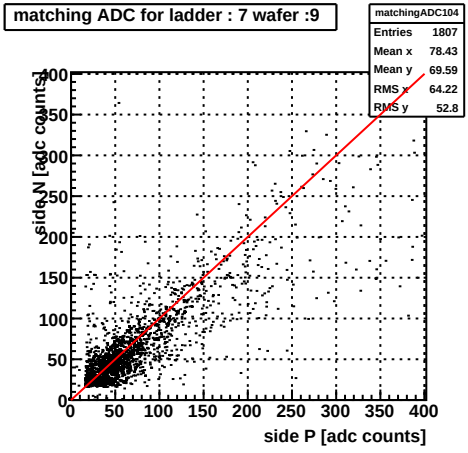

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2152
Mean x 70.44
Mean y 61.12
RMS x 57.96
RMS y 49.38
side N [adc counts]
side P [adc counts]

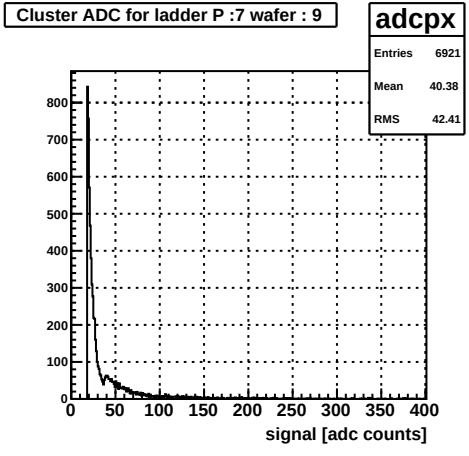

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3596
Mean 61
RMS 59.2
signal [adc counts]

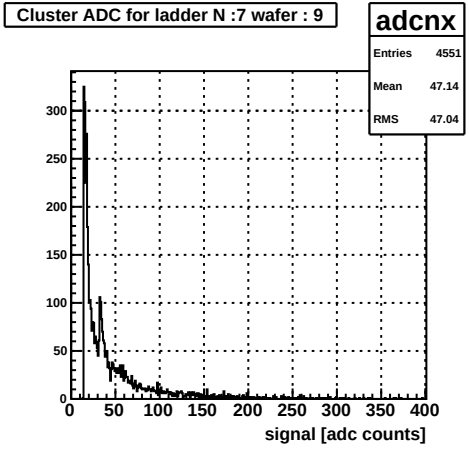

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3655
Mean 49.71
RMS 51.07
signal [adc counts]

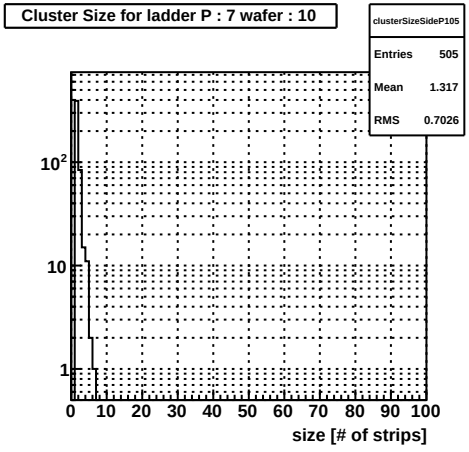

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 6921
Mean 1.196
RMS 0.5076
size [# of strips]

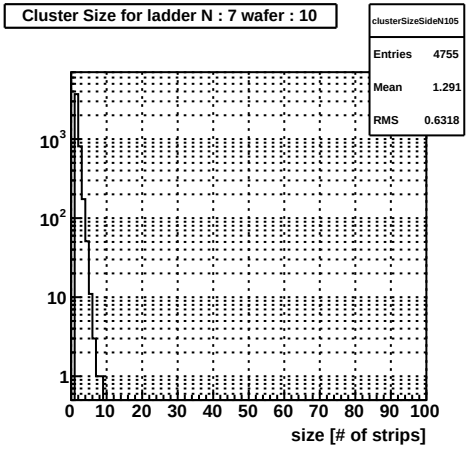

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4551
Mean 1.349
RMS 0.6569
size [# of strips]

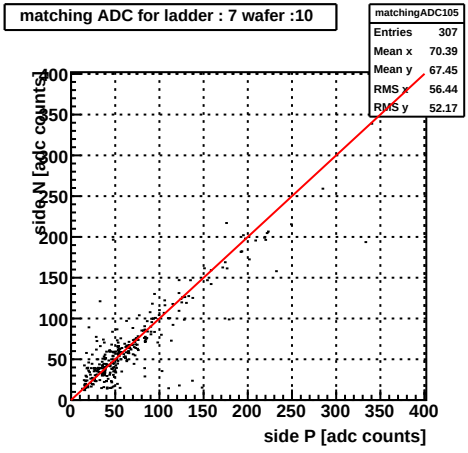

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1807
Mean x 78.43
Mean y 69.59
RMS x 64.22
RMS y 52.8
side N [adc counts]
side P [adc counts]

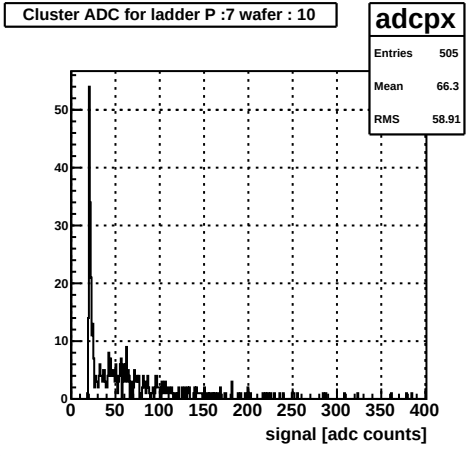

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 6921
Mean 40.38
RMS 42.41
signal [adc counts]

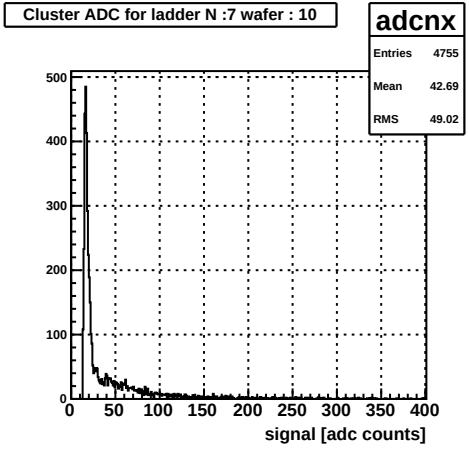

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4551
Mean 47.14
RMS 47.04
signal [adc counts]

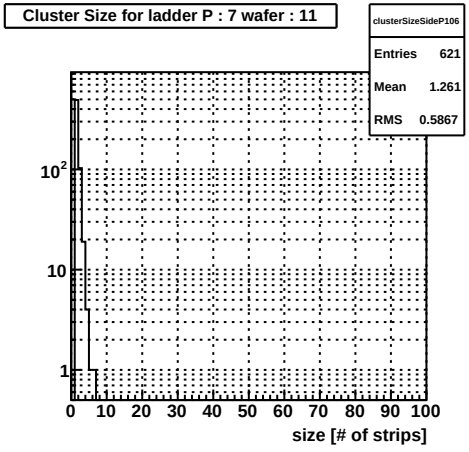

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 505
Mean 1.317
RMS 0.7026
size [# of strips]

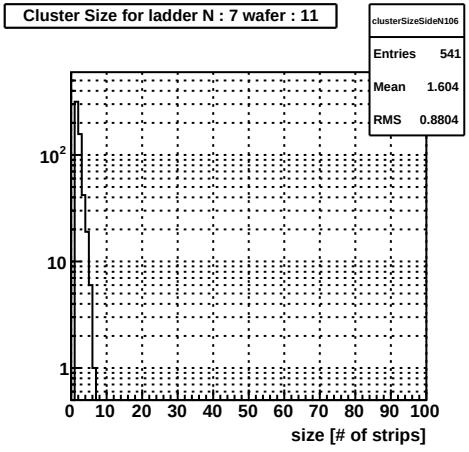

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 4755
Mean 1.291
RMS 0.6318
size [# of strips]

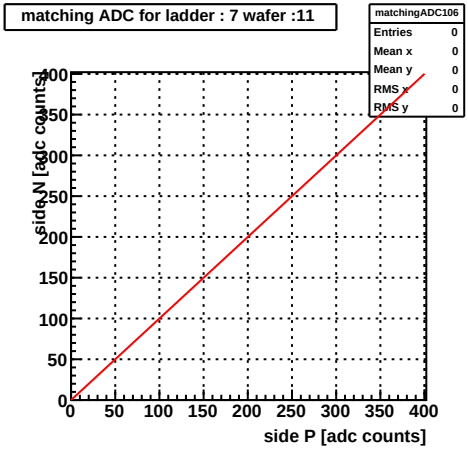

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 307
Mean x 70.39
Mean y 67.45
RMS x 56.44
RMS y 52.17
side N [adc counts]
side P [adc counts]

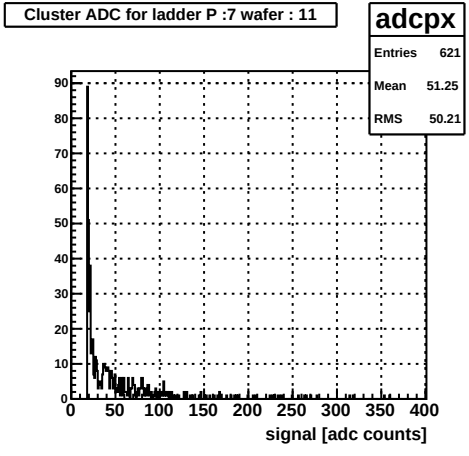

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 505
Mean 66.3
RMS 58.91
signal [adc counts]

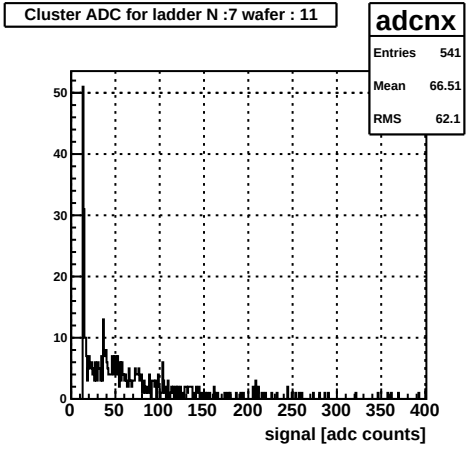

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 4755
Mean 42.69
RMS 49.02
signal [adc counts]

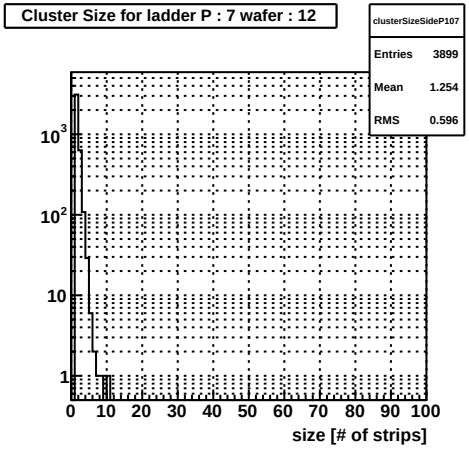

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 621
Mean 1.261
RMS 0.5867
size [# of strips]

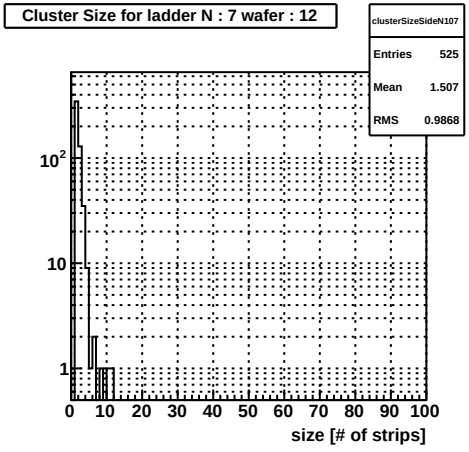

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 541
Mean 1.604
RMS 0.8804
size [# of strips]

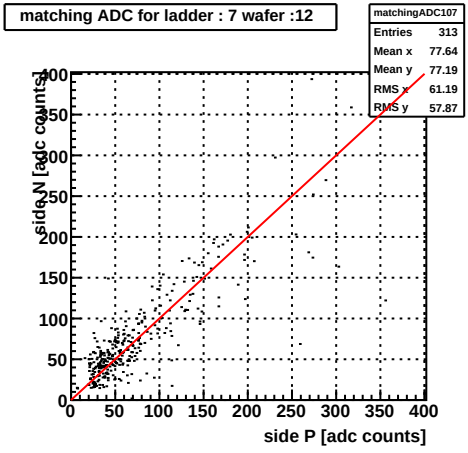

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

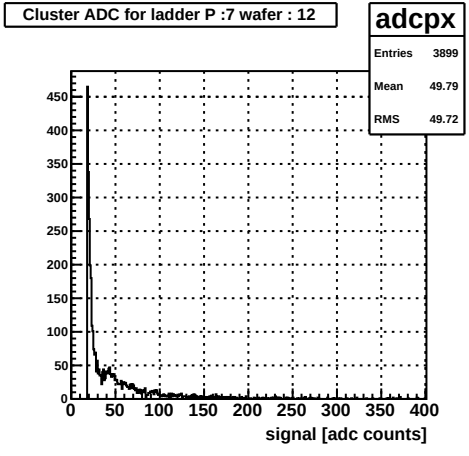

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 621
Mean 51.25
RMS 50.21
signal [adc counts]

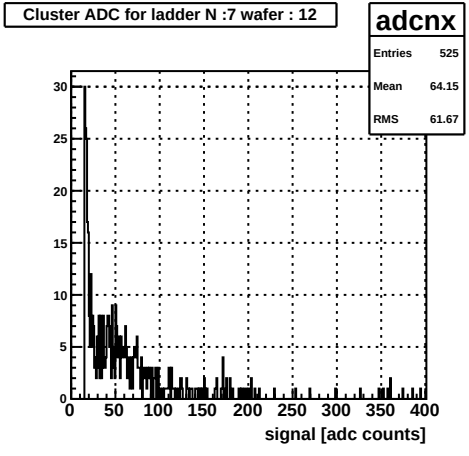

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 541
Mean 66.51
RMS 62.1
signal [adc counts]

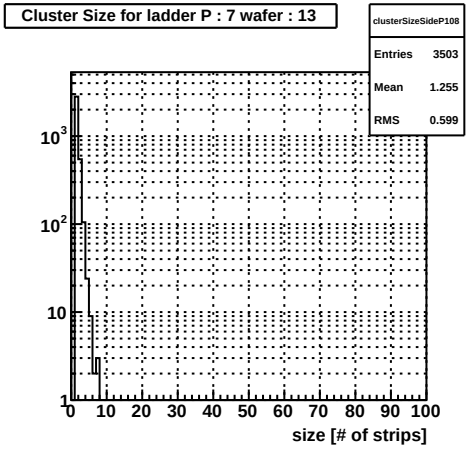

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 3899
Mean 1.254
RMS 0.596
size [# of strips]

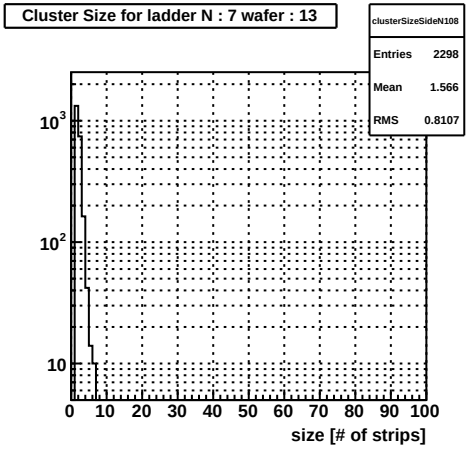

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 525
Mean 1.507
RMS 0.9868
size [# of strips]

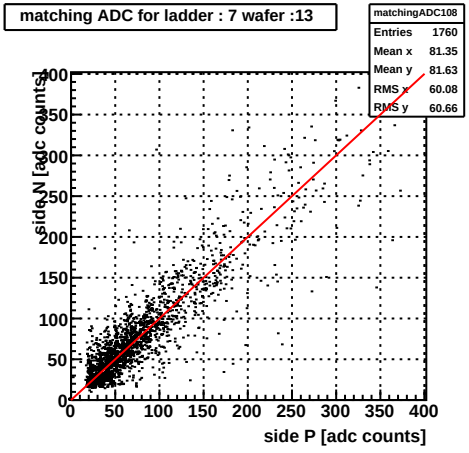

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 313
Mean x 77.64
Mean y 77.19
RMS x 61.19
RMS y 57.87
side N [adc counts]
side P [adc counts]

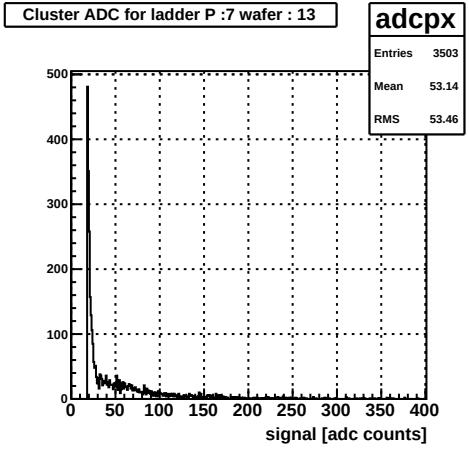

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 3899
Mean 49.79
RMS 49.72
signal [adc counts]

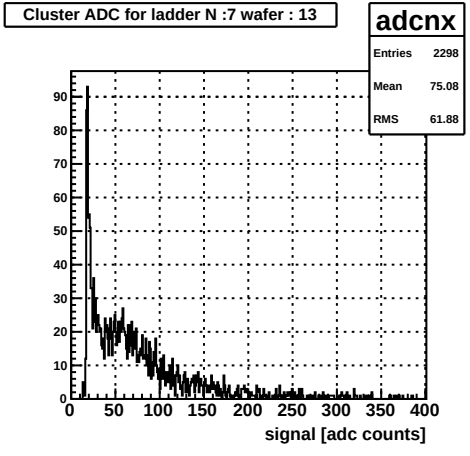

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 525
Mean 64.15
RMS 61.67
signal [adc counts]

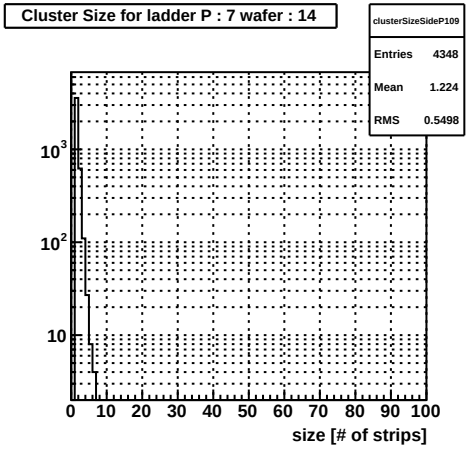

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3503
Mean 1.255
RMS 0.599
size [# of strips]

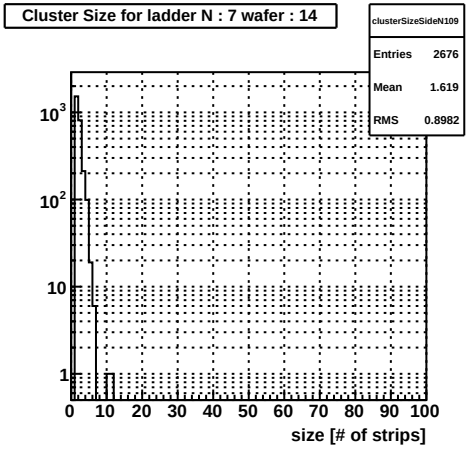

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2298
Mean 1.566
RMS 0.8107
size [# of strips]

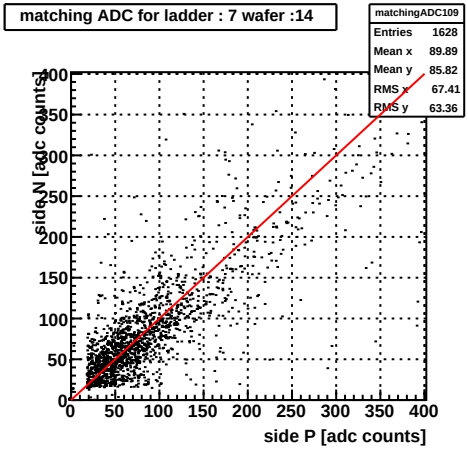

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1760
Mean x 81.35
Mean y 81.63
RMS x 60.08
RMS y 60.66
side N [adc counts]
side P [adc counts]

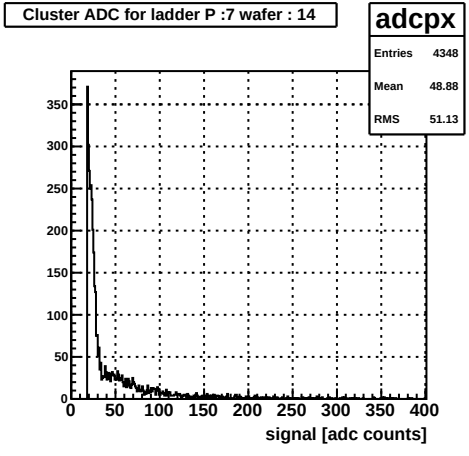

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3503
Mean 53.14
RMS 53.46
signal [adc counts]

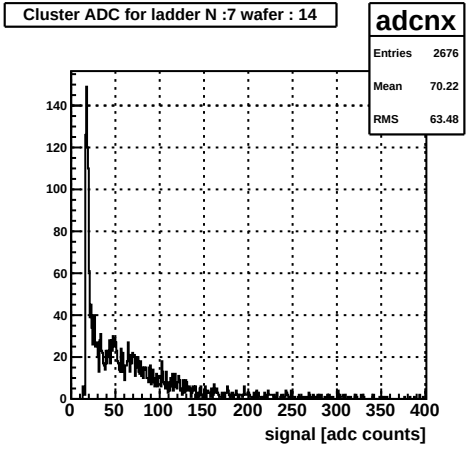

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2298
Mean 75.08
RMS 61.88
signal [adc counts]

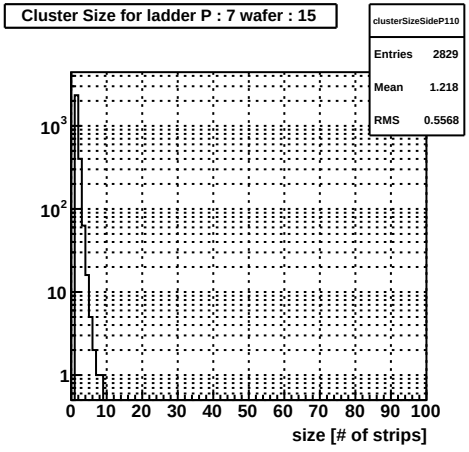

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 4348
Mean 1.224
RMS 0.5498
size [# of strips]

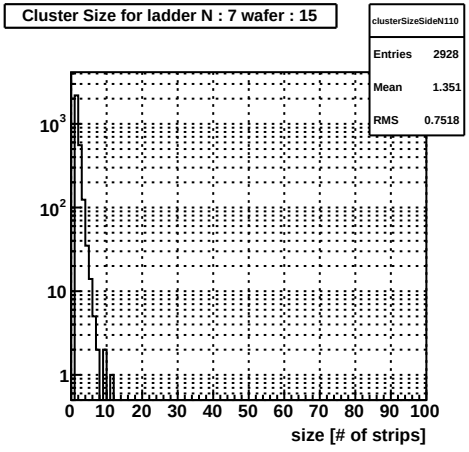

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2676
Mean 1.619
RMS 0.8982
size [# of strips]

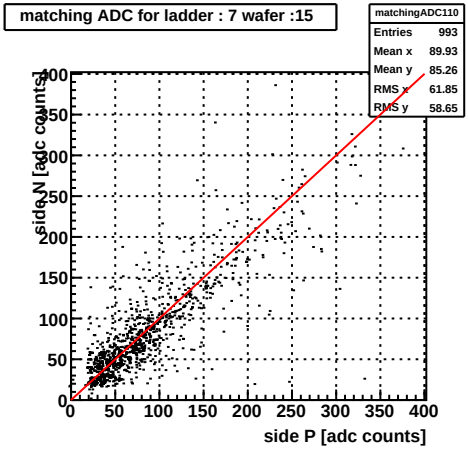

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1628
Mean x 89.89
Mean y 85.82
RMS x 67.41
RMS y 63.36
side N [adc counts]
side P [adc counts]

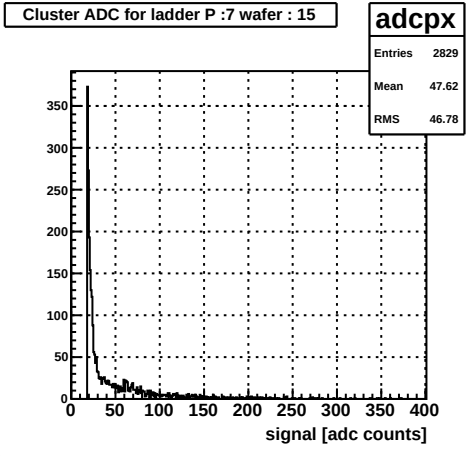

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 4348
Mean 48.88
RMS 51.13
signal [adc counts]

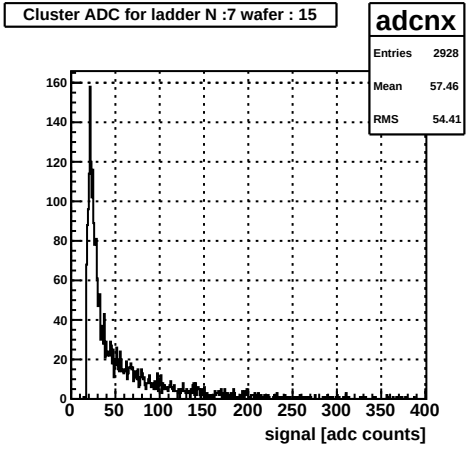

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2676
Mean 70.22
RMS 63.48
signal [adc counts]

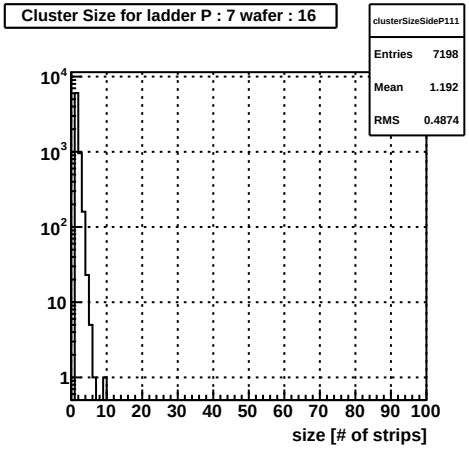

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2829
Mean 1.218
RMS 0.5568
size [# of strips]

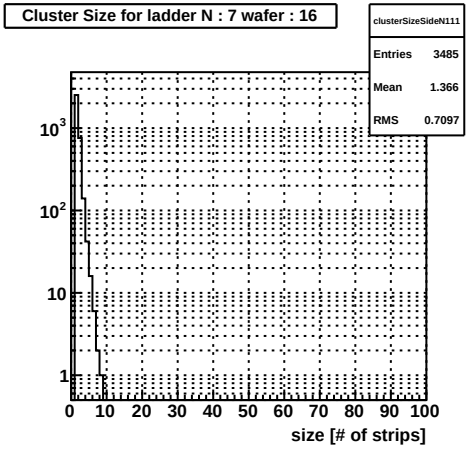

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2928
Mean 1.351
RMS 0.7518
size [# of strips]

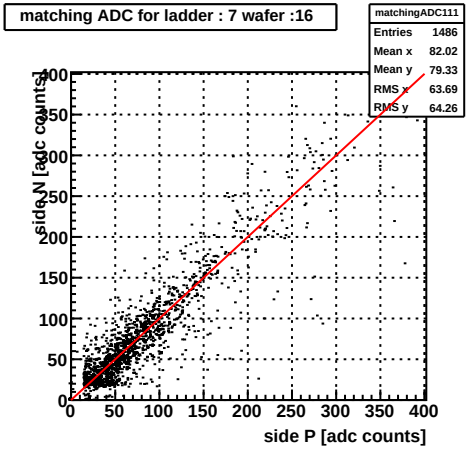

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 993
Mean x 89.93
Mean y 85.26
RMS x 61.85
RMS y 58.65
side N [adc counts]
side P [adc counts]

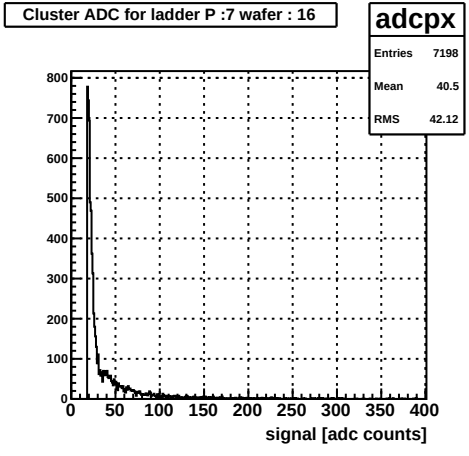

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2829
Mean 47.62
RMS 46.78
signal [adc counts]

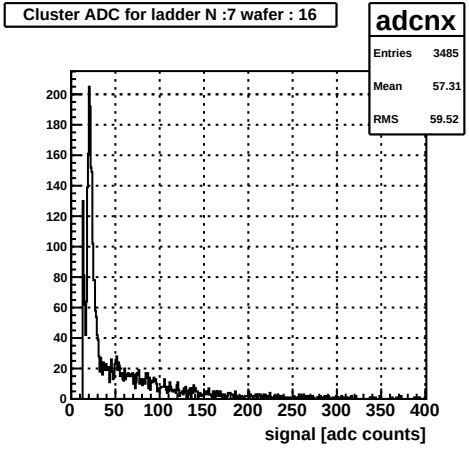

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2928
Mean 57.46
RMS 54.41
signal [adc counts]

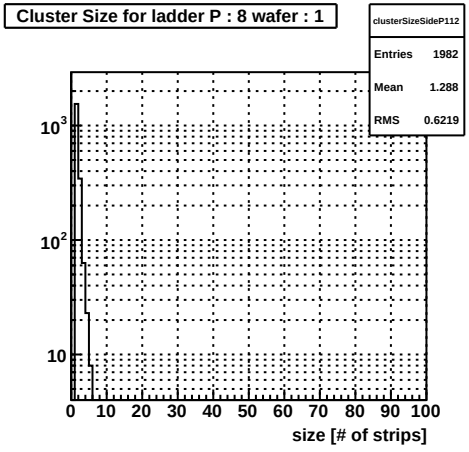

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 7198
Mean 1.192
RMS 0.4874
size [# of strips]

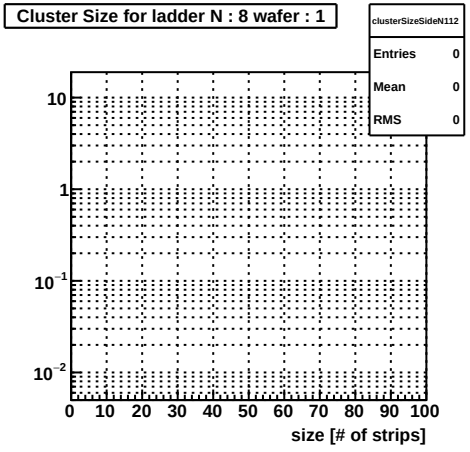

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3485
Mean 1.366
RMS 0.7097
size [# of strips]

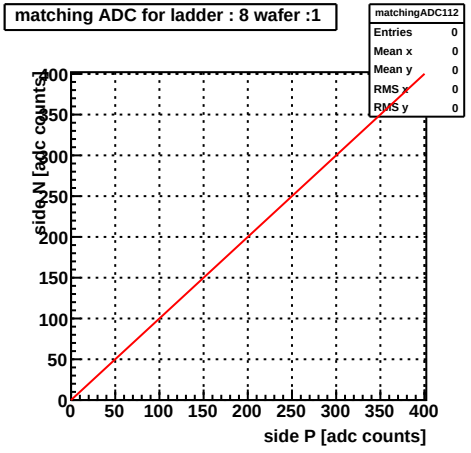

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1486
Mean x 82.02
Mean y 79.33
RMS x 63.69
RMS y 64.26
side N [adc counts]
side P [adc counts]

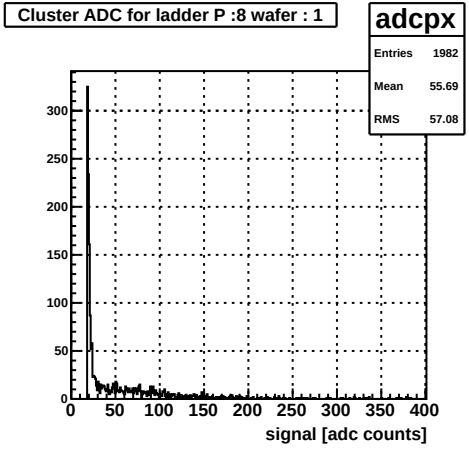

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 7198
Mean 40.5
RMS 42.12
signal [adc counts]

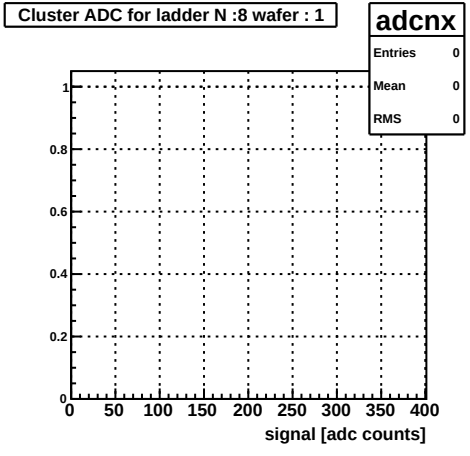

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3485
Mean 57.31
RMS 59.52
signal [adc counts]

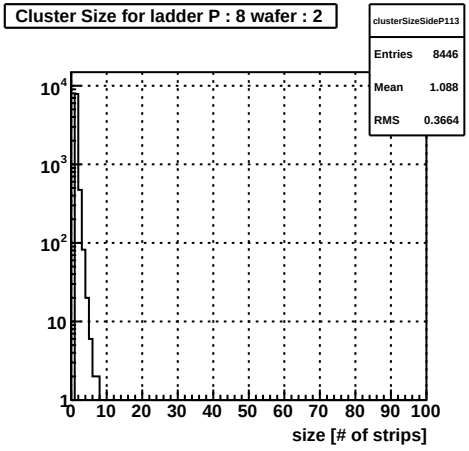

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1982
Mean 1.288
RMS 0.6219
size [# of strips]

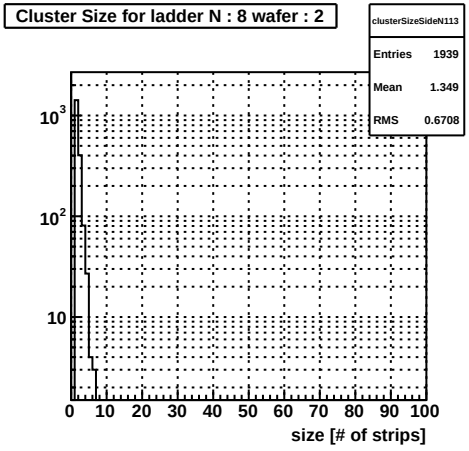

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

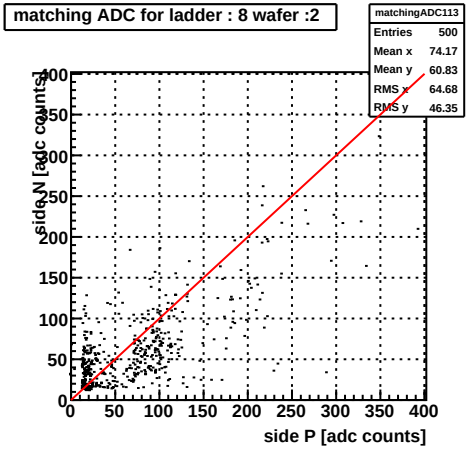

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

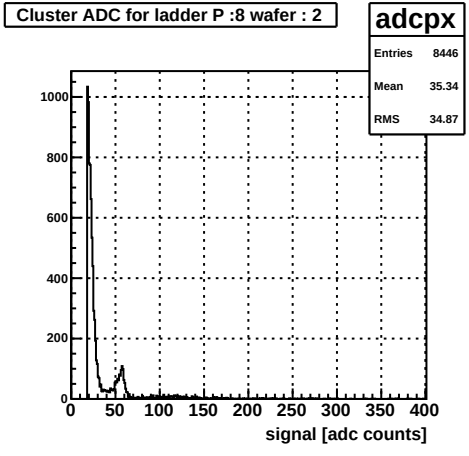

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1982
Mean 55.69
RMS 57.08
signal [adc counts]

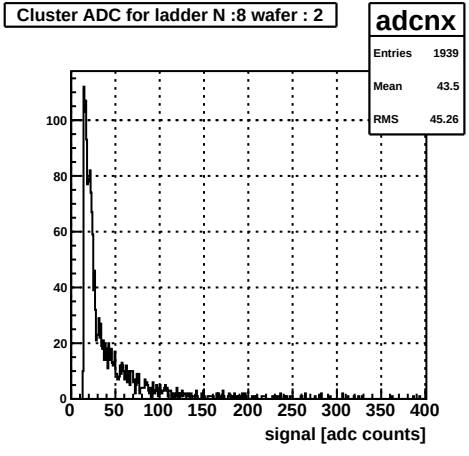

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

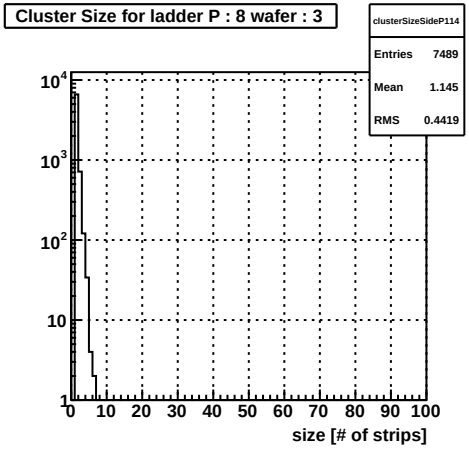

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8446
Mean 1.088
RMS 0.3664
size [# of strips]

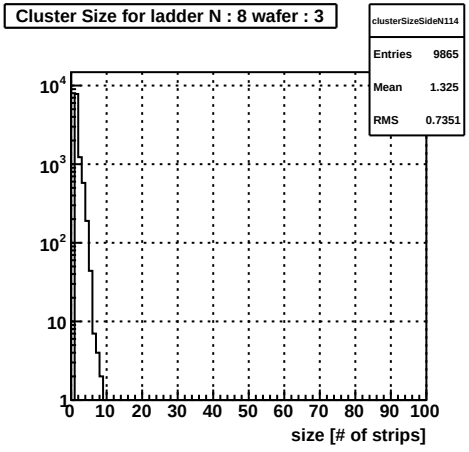

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1939
Mean 1.349
RMS 0.6708
size [# of strips]

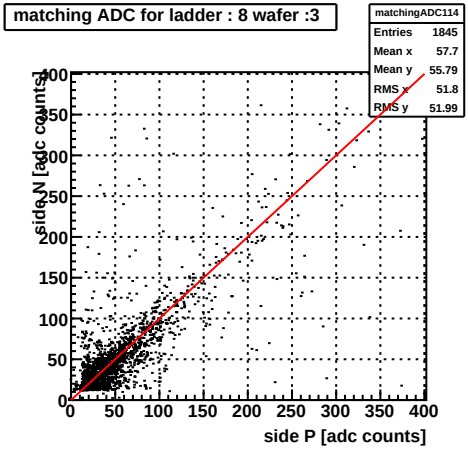

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 500
Mean x 74.17
Mean y 60.83
RMS x 64.68
RMS y 46.35
side N [adc counts]
side P [adc counts]

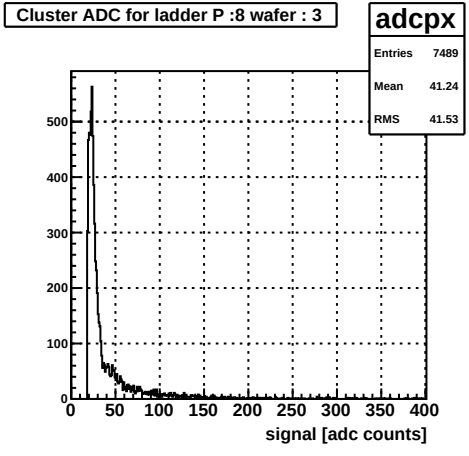

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8446
Mean 35.34
RMS 34.87
signal [adc counts]

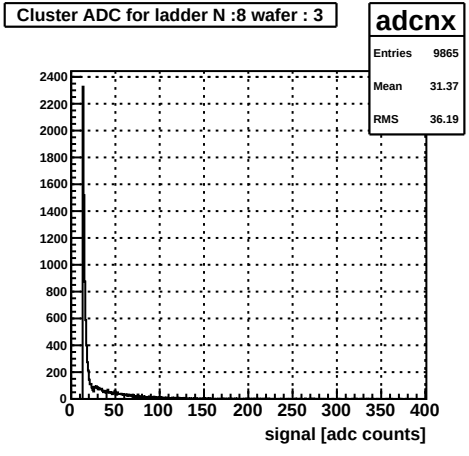

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1939
Mean 43.5
RMS 45.26
signal [adc counts]

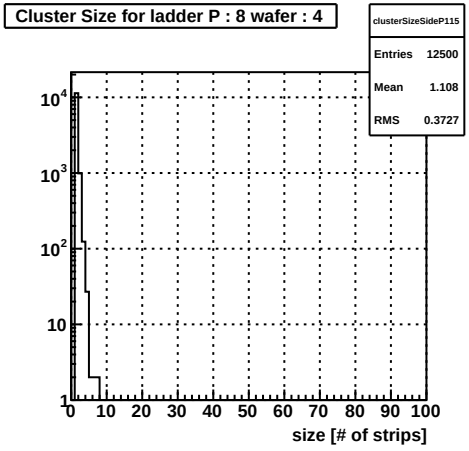

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7489
Mean 1.145
RMS 0.4419
size [# of strips]

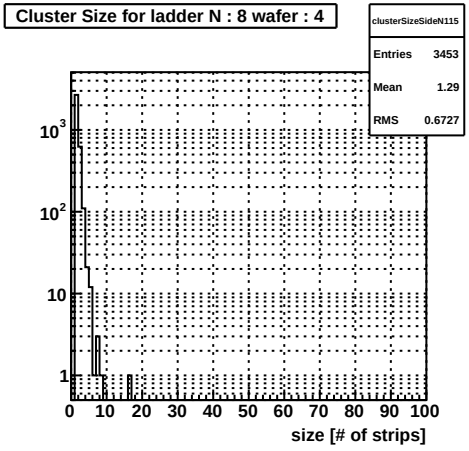

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 9865
Mean 1.325
RMS 0.7351
size [# of strips]

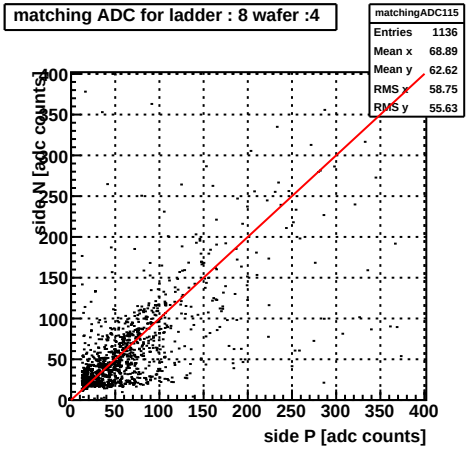

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1845
Mean x 57.7
Mean y 55.79
RMS x 51.8
RMS y 51.99
side N [adc counts]
side P [adc counts]

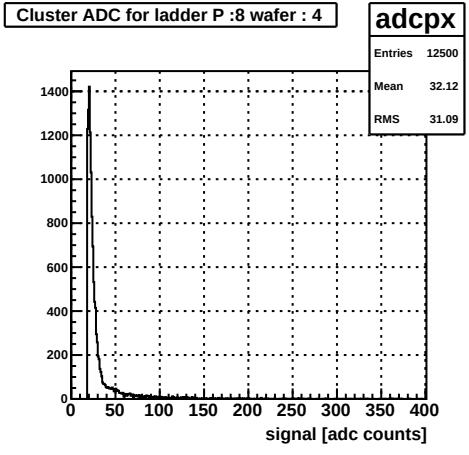

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7489
Mean 41.24
RMS 41.53
signal [adc counts]

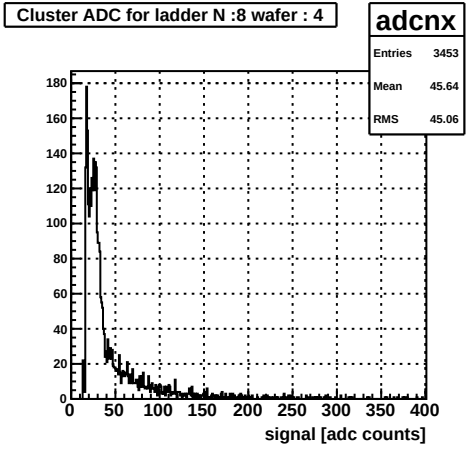

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 9865
Mean 31.37
RMS 36.19
signal [adc counts]

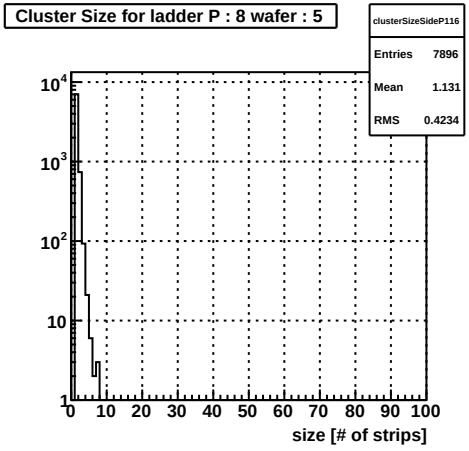

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12500
Mean 1.108
RMS 0.3727
size [# of strips]

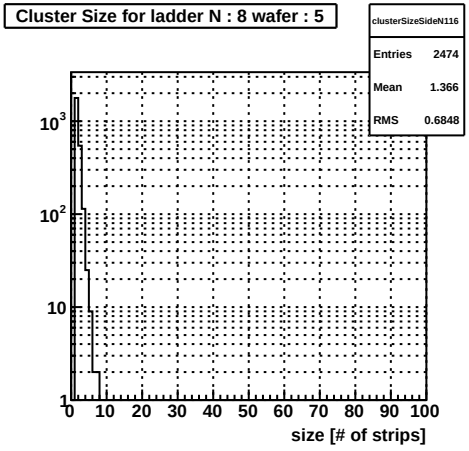

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3453
Mean 1.29
RMS 0.6727
size [# of strips]

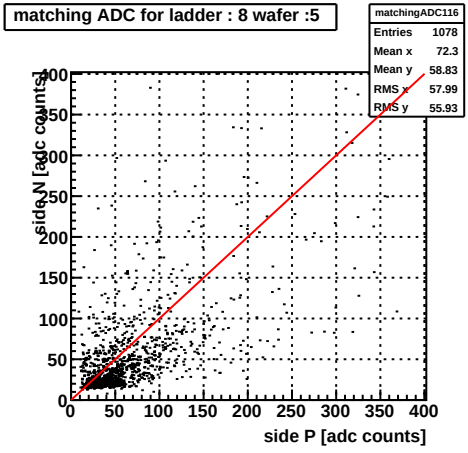

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1136
Mean x 68.89
Mean y 62.62
RMS x 58.75
RMS y 55.63
side N [adc counts]
side P [adc counts]

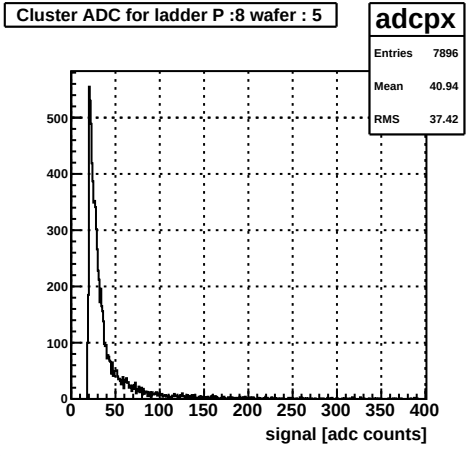

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12500
Mean 32.12
RMS 31.09
signal [adc counts]

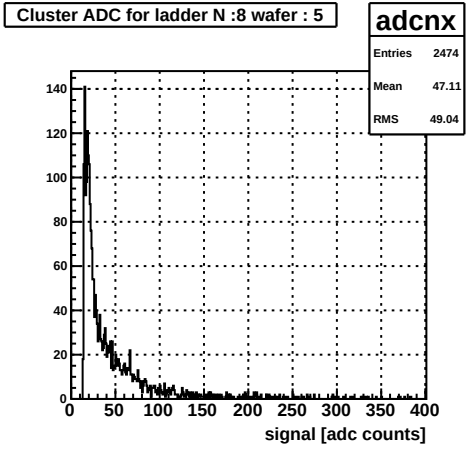

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3453
Mean 45.64
RMS 45.06
signal [adc counts]

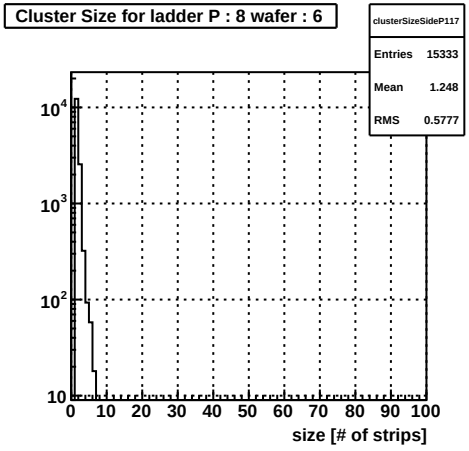

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7896
Mean 1.131
RMS 0.4234
size [# of strips]

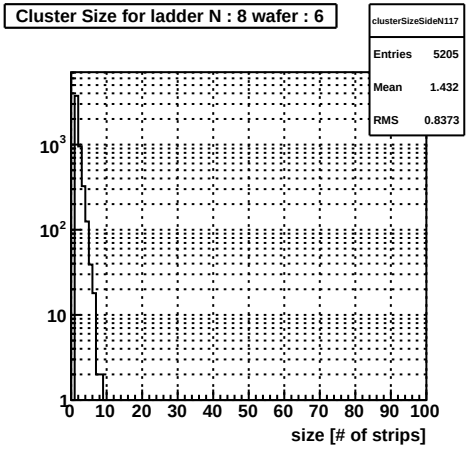

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2474
Mean 1.366
RMS 0.6848
size [# of strips]

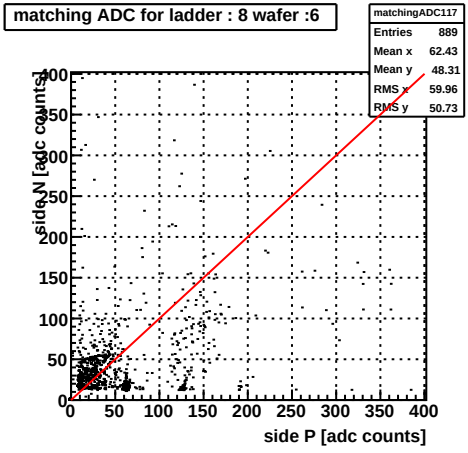

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1078
Mean x 72.3
Mean y 58.83
RMS x 57.99
RMS y 55.93
side N [adc counts]
side P [adc counts]

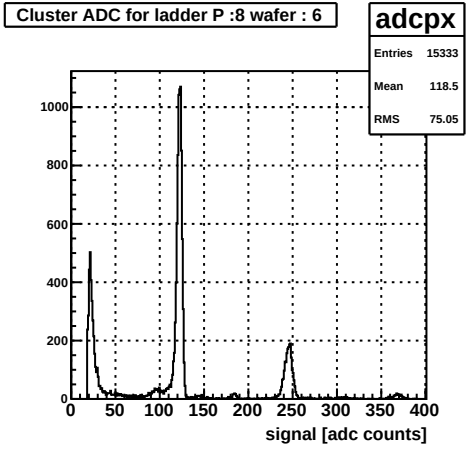

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7896
Mean 40.94
RMS 37.42
signal [adc counts]

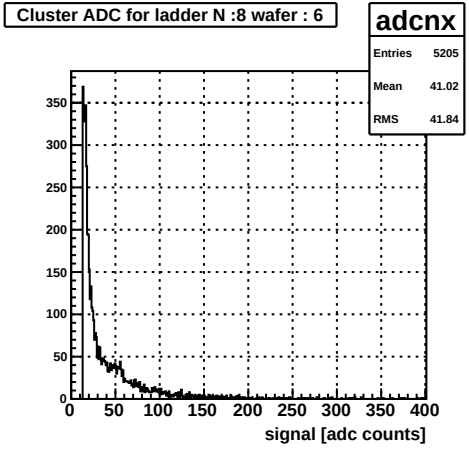

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2474
Mean 47.11
RMS 49.04
signal [adc counts]

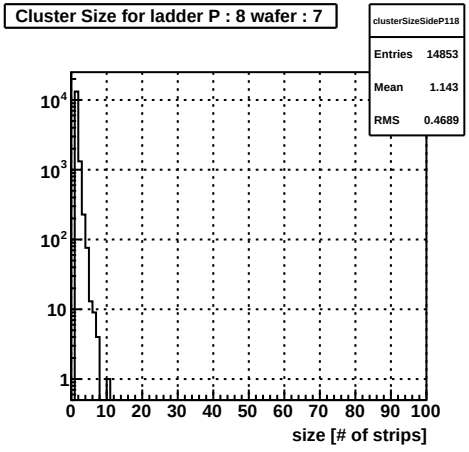

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 15333
Mean 1.248
RMS 0.5777
size [# of strips]

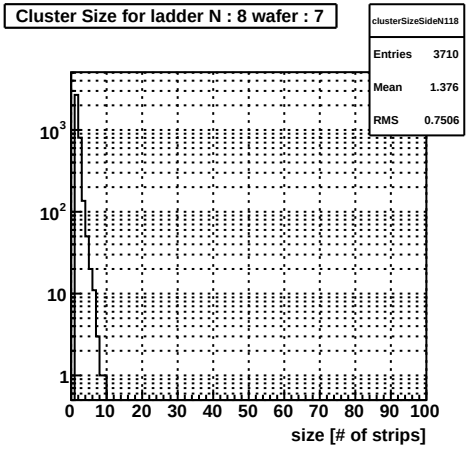

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5205
Mean 1.432
RMS 0.8373
size [# of strips]

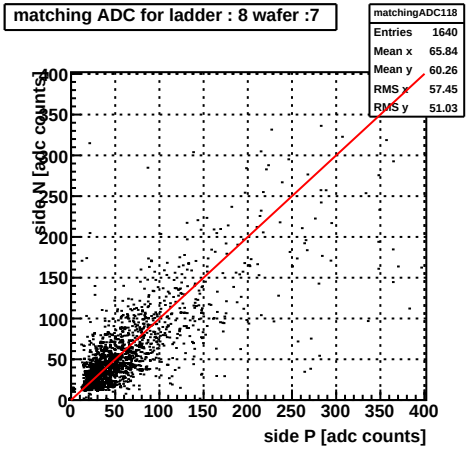

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 889
Mean x 62.43
Mean y 48.31
RMS x 59.96
RMS y 50.73
side N [adc counts]
side P [adc counts]

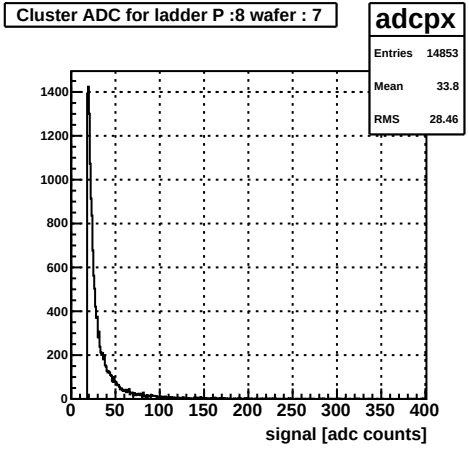

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 15333
Mean 118.5
RMS 75.05
signal [adc counts]

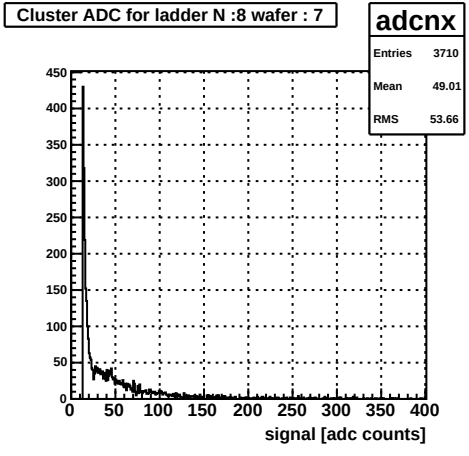

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5205
Mean 41.02
RMS 41.84
signal [adc counts]

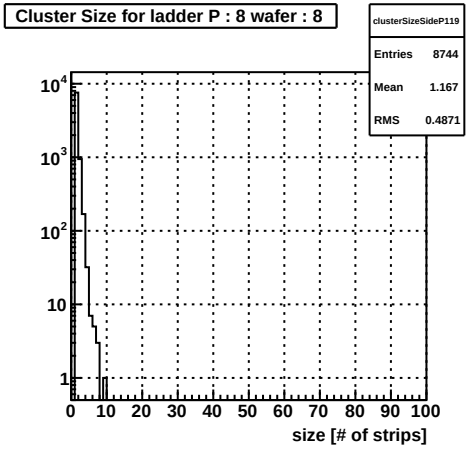

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14853
Mean 1.143
RMS 0.4689
size [# of strips]

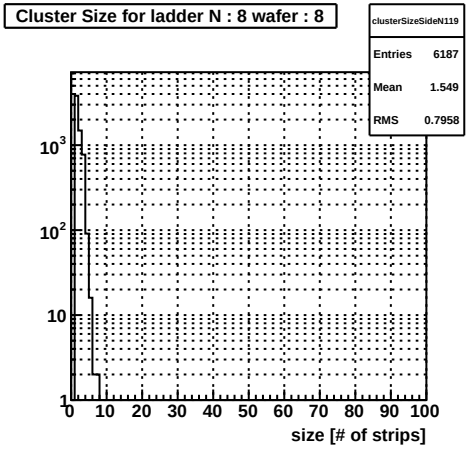

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3710
Mean 1.376
RMS 0.7506
size [# of strips]

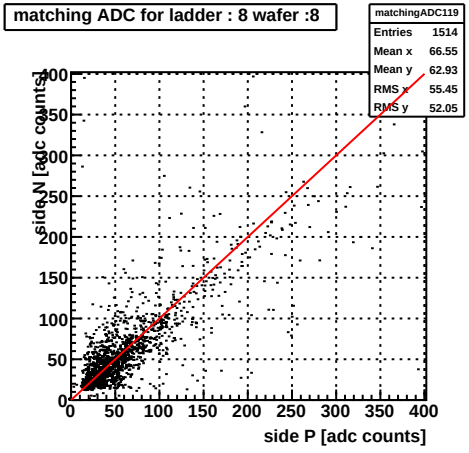

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1640
Mean x 65.84
Mean y 60.26
RMS x 57.45
RMS y 51.03
side N [adc counts]
side P [adc counts]

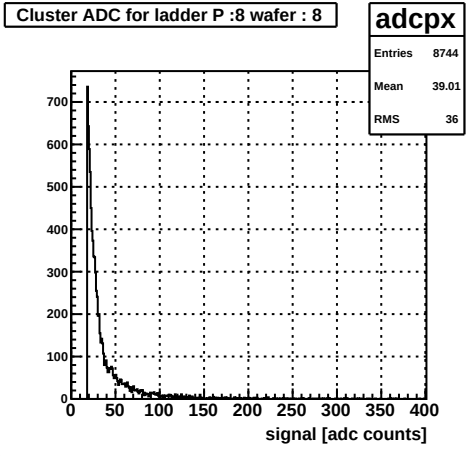

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14853
Mean 33.8
RMS 28.46
signal [adc counts]

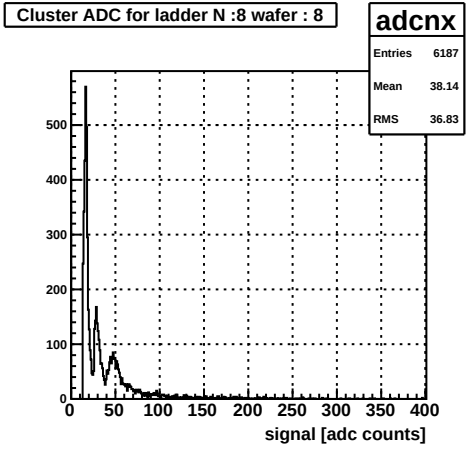

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3710
Mean 49.01
RMS 53.66
signal [adc counts]

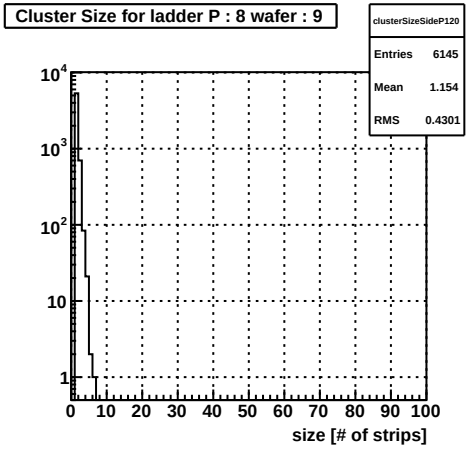

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8744
Mean 1.167
RMS 0.4871
size [# of strips]

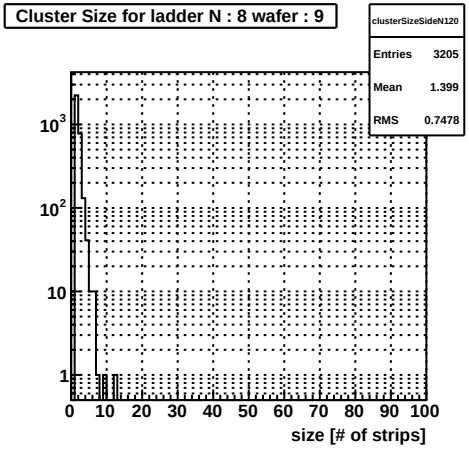

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 6187
Mean 1.549
RMS 0.7958
size [# of strips]

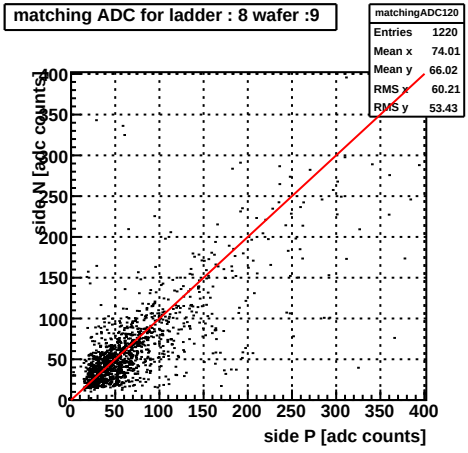

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1514
Mean x 66.55
Mean y 62.93
RMS x 55.45
RMS y 52.05
side N [adc counts]
side P [adc counts]

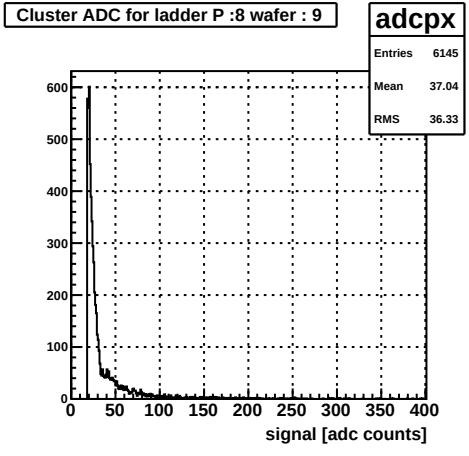

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8744
Mean 39.01
RMS 36
signal [adc counts]

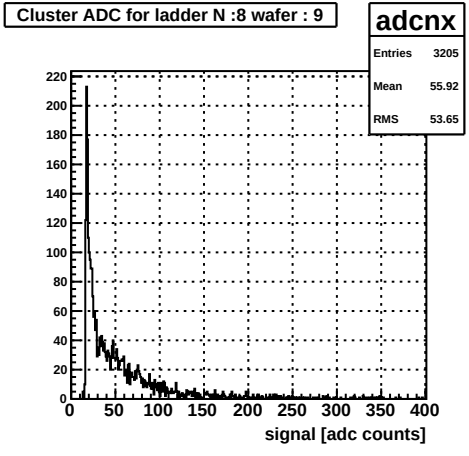

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 6187
Mean 38.14
RMS 36.83
signal [adc counts]

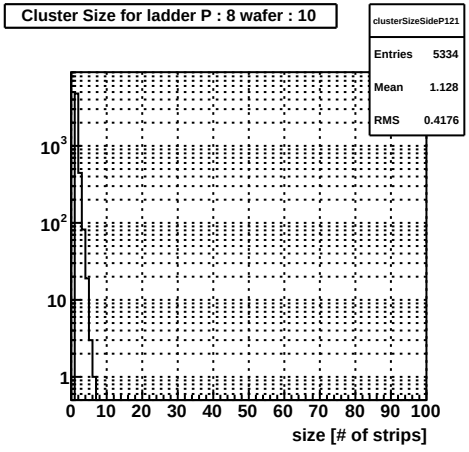

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6145
Mean 1.154
RMS 0.4301
size [# of strips]

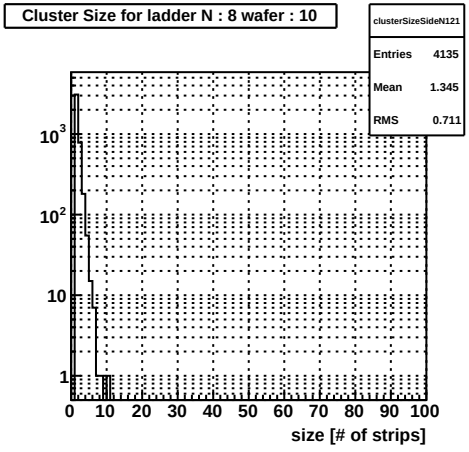

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3205
Mean 1.399
RMS 0.7478
size [# of strips]

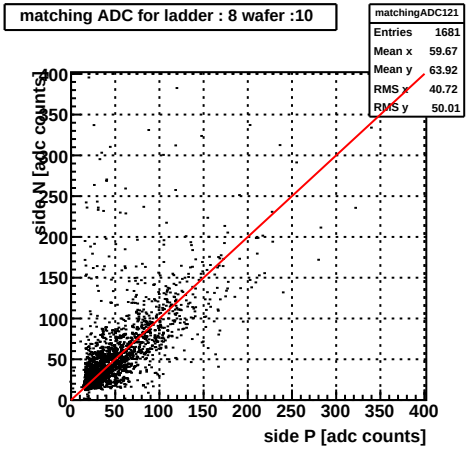

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1220
Mean x 74.01
Mean y 66.02
RMS x 60.21
RMS y 53.43
side N [adc counts]
side P [adc counts]

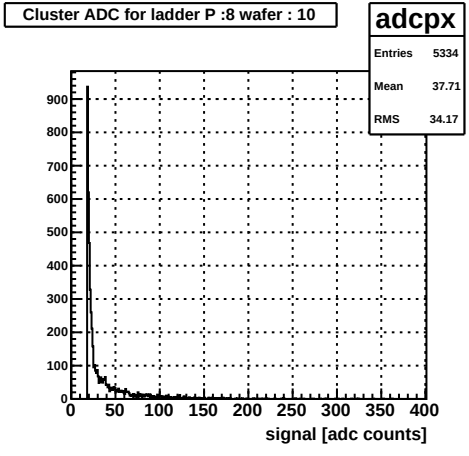

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6145
Mean 37.04
RMS 36.33
signal [adc counts]

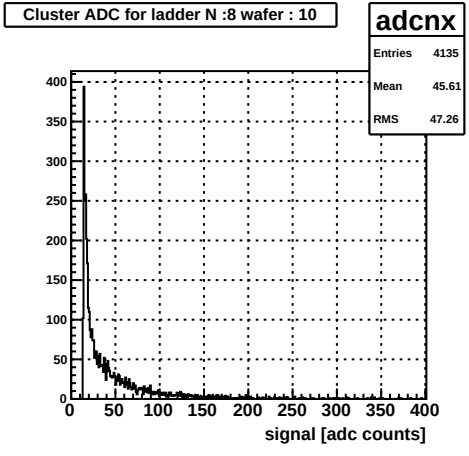

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3205
Mean 55.92
RMS 53.65
signal [adc counts]

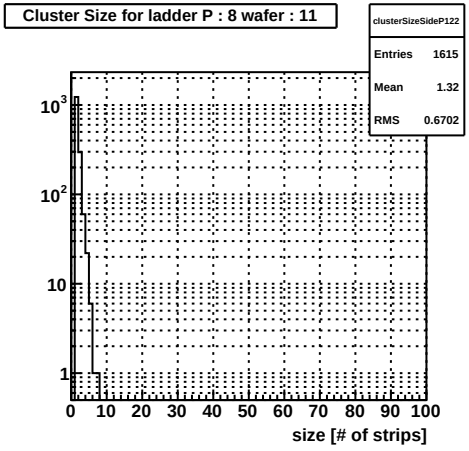

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5334
Mean 1.128
RMS 0.4176
size [# of strips]

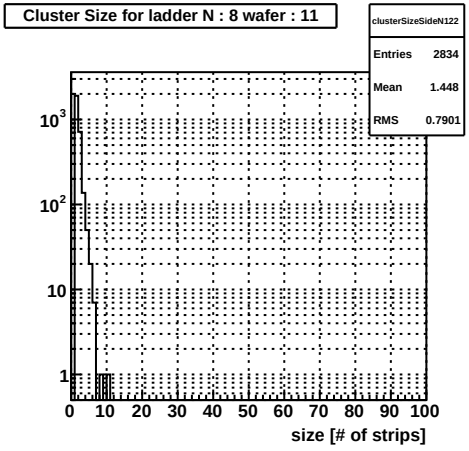

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4135
Mean 1.345
RMS 0.711
size [# of strips]

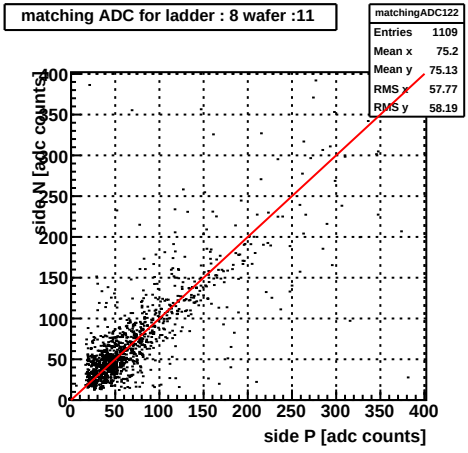

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1681
Mean x 59.67
Mean y 63.92
RMS x 40.72
RMS y 50.01
side N [adc counts]
side P [adc counts]

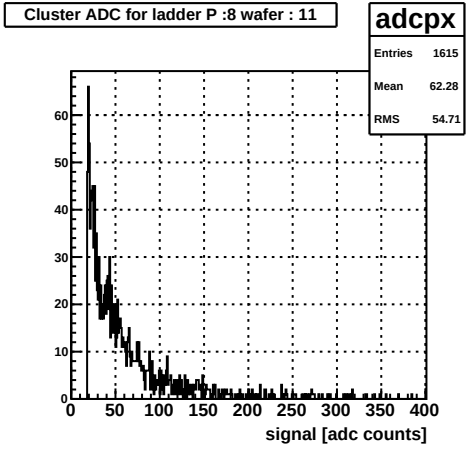

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5334
Mean 37.71
RMS 34.17
signal [adc counts]

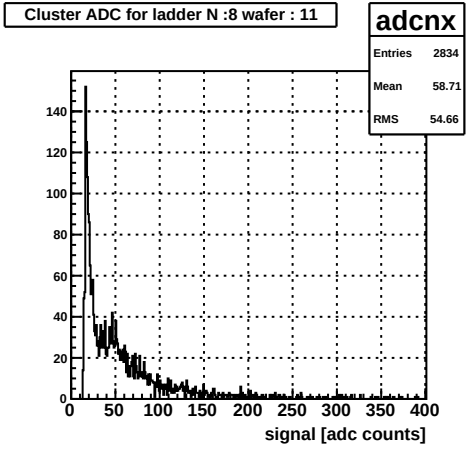

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4135
Mean 45.61
RMS 47.26
signal [adc counts]

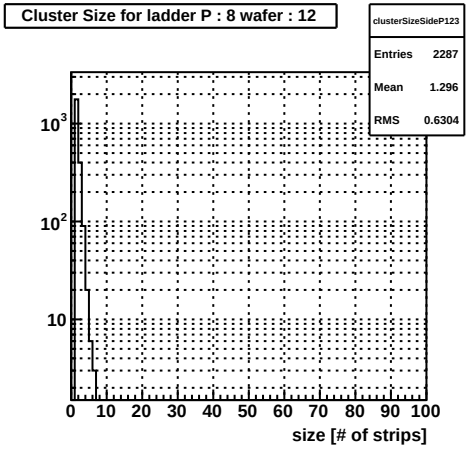

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1615
Mean 1.32
RMS 0.6702
size [# of strips]

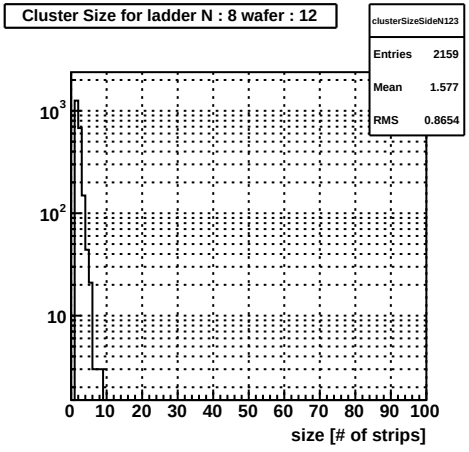

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2834
Mean 1.448
RMS 0.7901
size [# of strips]

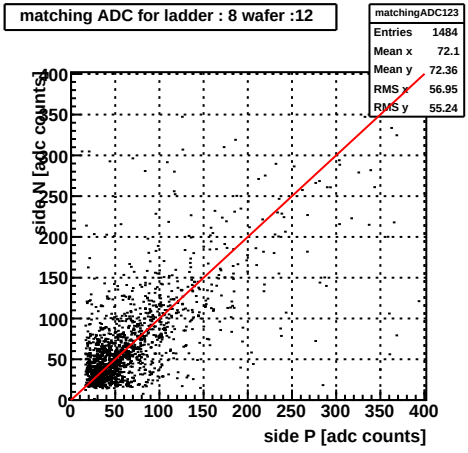

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1109
Mean x 75.2
Mean y 75.13
RMS x 57.77
RMS y 58.19
side N [adc counts]
side P [adc counts]

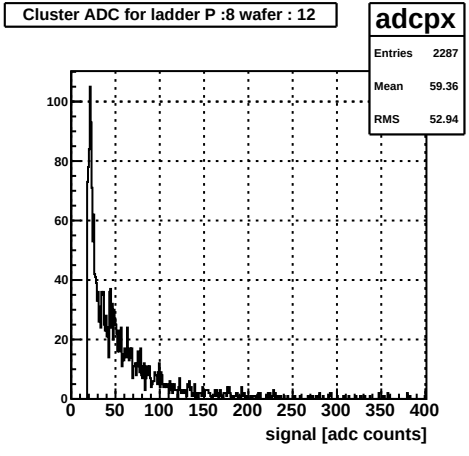

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1615
Mean 62.28
RMS 54.71
signal [adc counts]

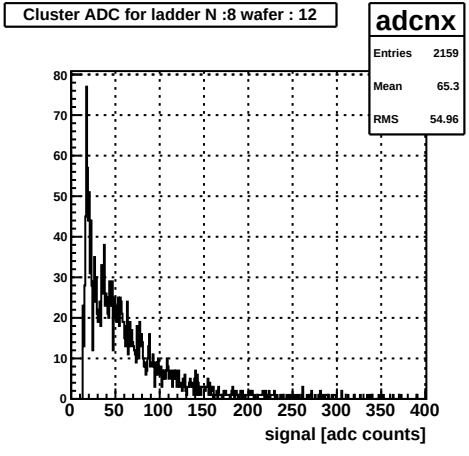

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2834
Mean 58.71
RMS 54.66
signal [adc counts]

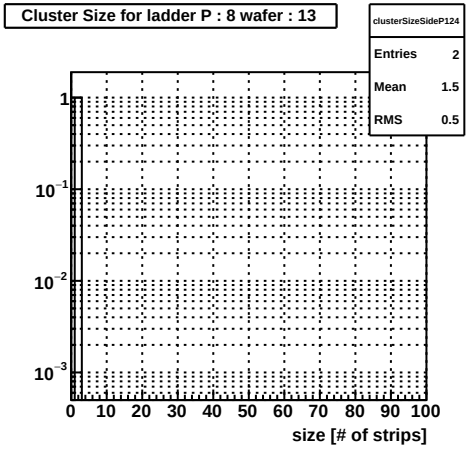

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2287
Mean 1.296
RMS 0.6304
size [# of strips]

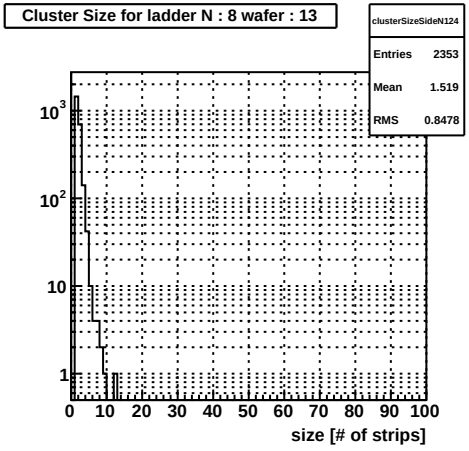

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2159
Mean 1.577
RMS 0.8654
size [# of strips]

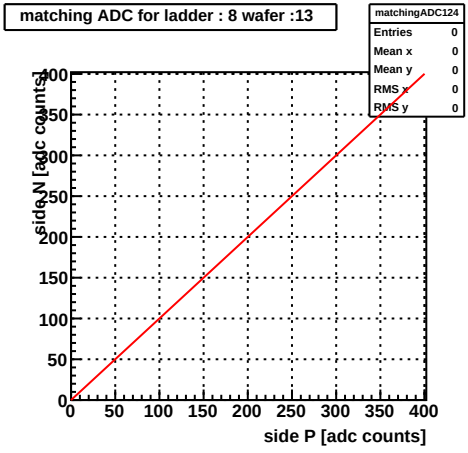

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1484
Mean x 72.1
Mean y 72.36
RMS x 56.95
RMS y 55.24
side N [adc counts]
side P [adc counts]

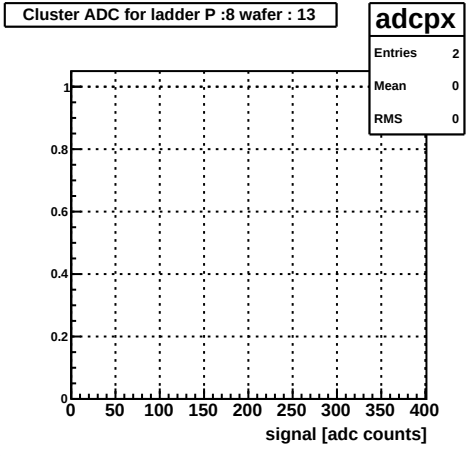

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2287
Mean 59.36
RMS 52.94
signal [adc counts]

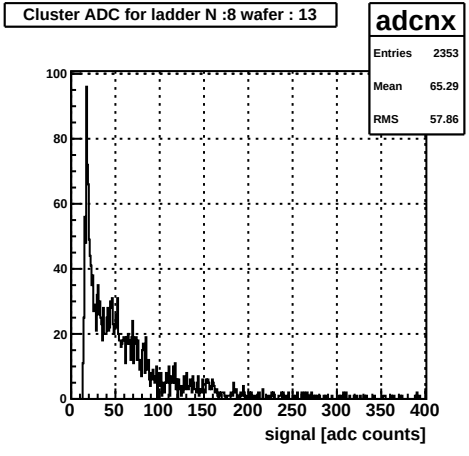

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2159
Mean 65.3
RMS 54.96
signal [adc counts]

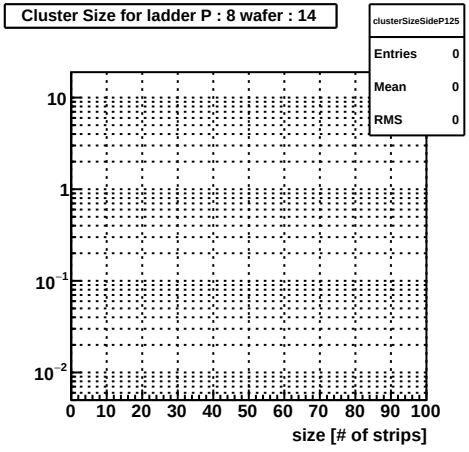

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

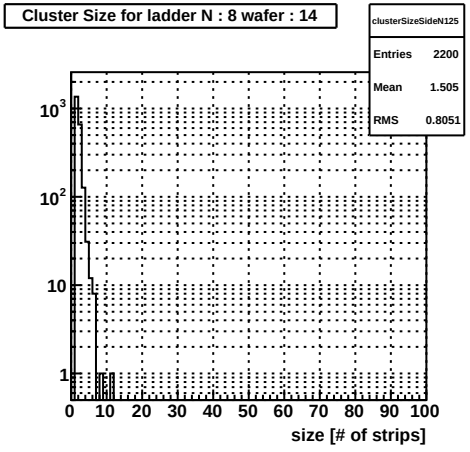

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2353
Mean 1.519
RMS 0.8478
size [# of strips]

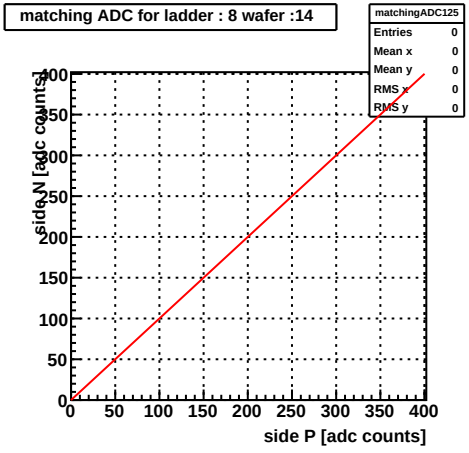

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

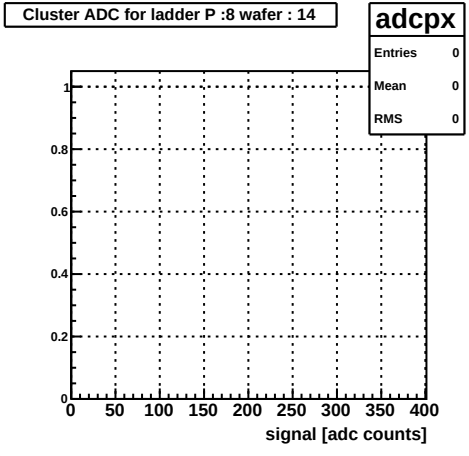

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

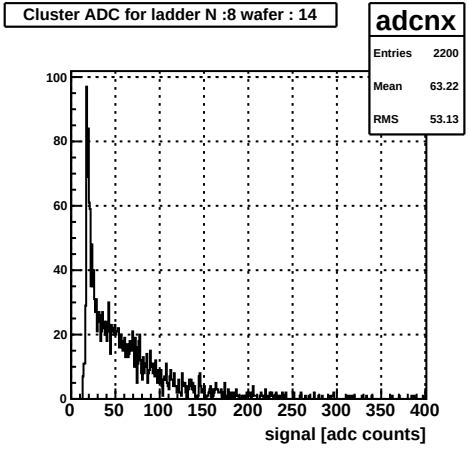

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2353
Mean 65.29
RMS 57.86
signal [adc counts]

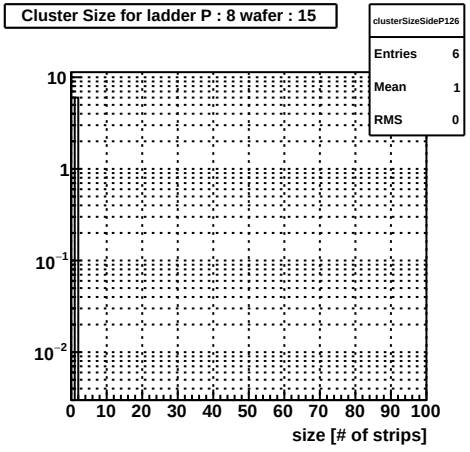

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

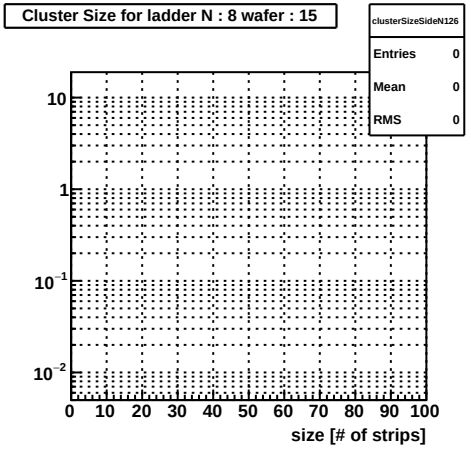

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2200
Mean 1.505
RMS 0.8051
size [# of strips]

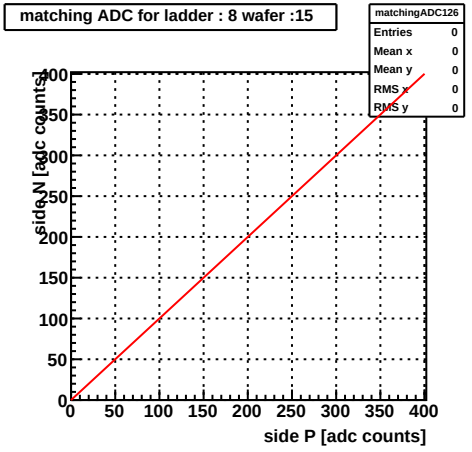

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

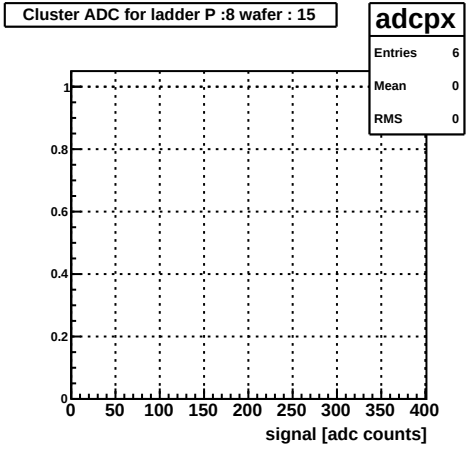

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

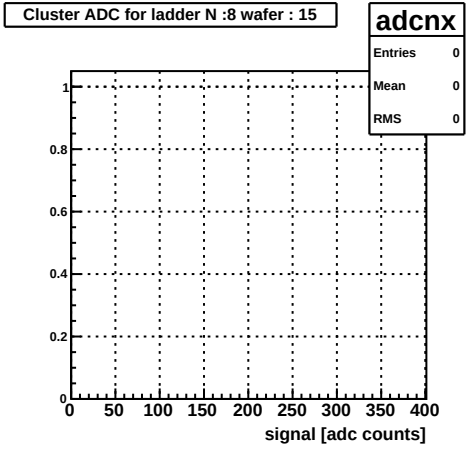

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2200
Mean 63.22
RMS 53.13
signal [adc counts]

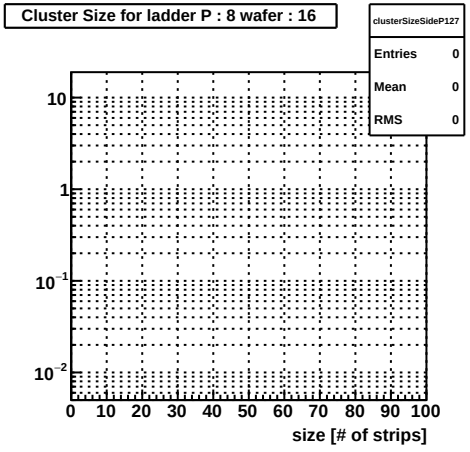

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 6
Mean 1
RMS 0
size [# of strips]

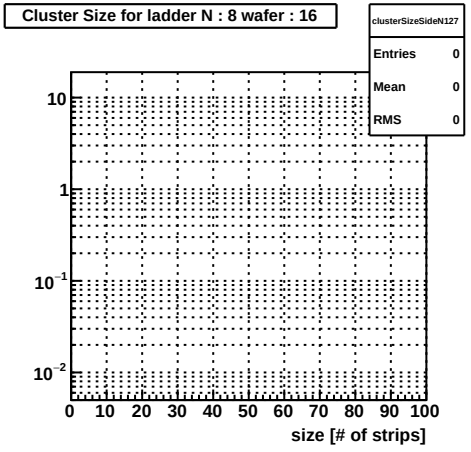

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

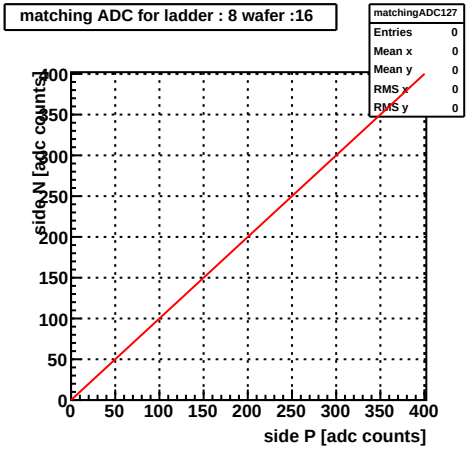

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

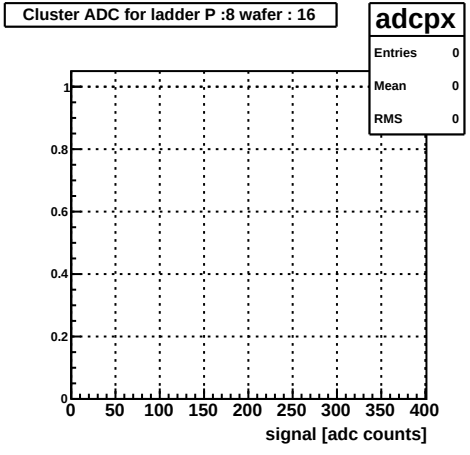

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

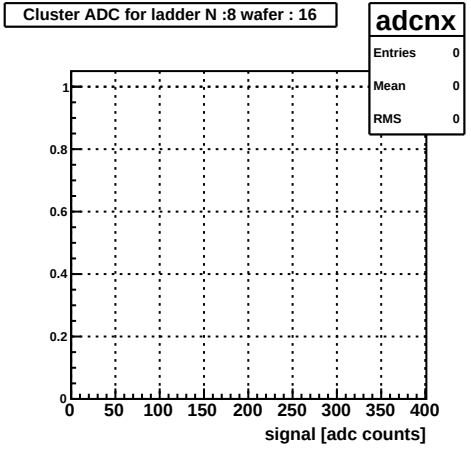

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

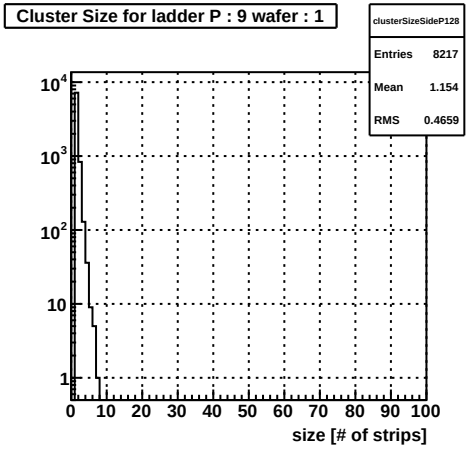

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

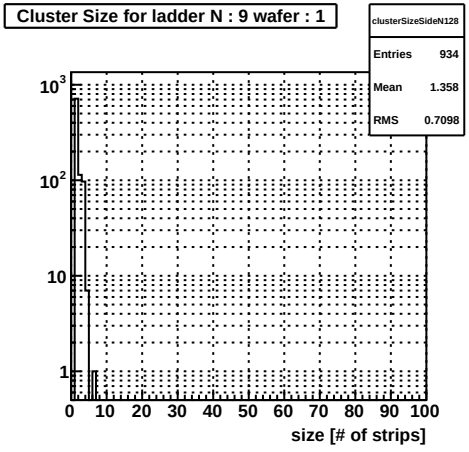

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

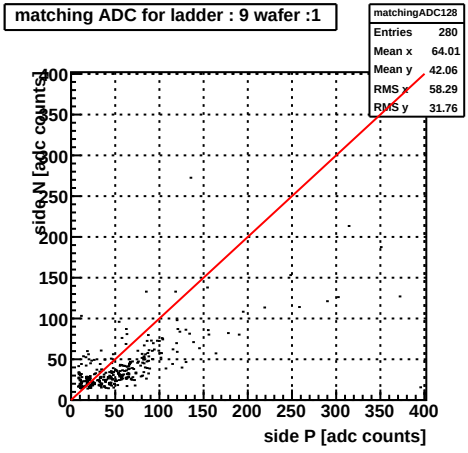

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

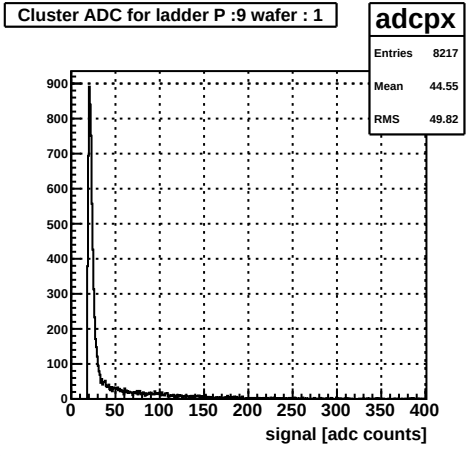

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

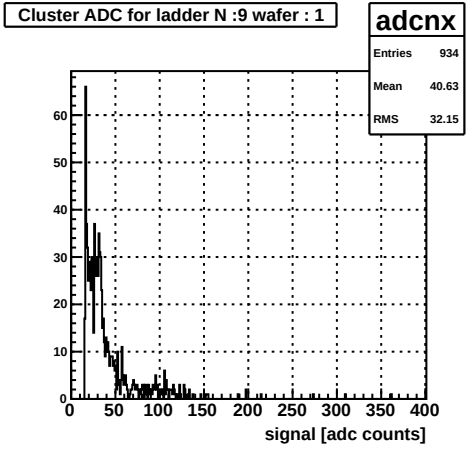

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

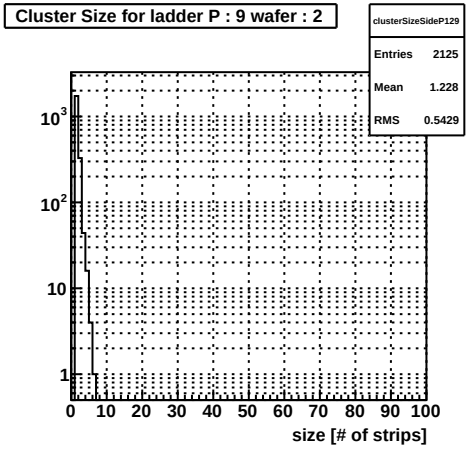

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8217
Mean 1.154
RMS 0.4659
size [# of strips]

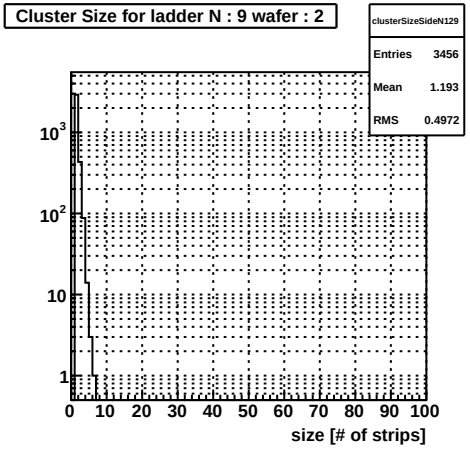

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 934
Mean 1.358
RMS 0.7098
size [# of strips]

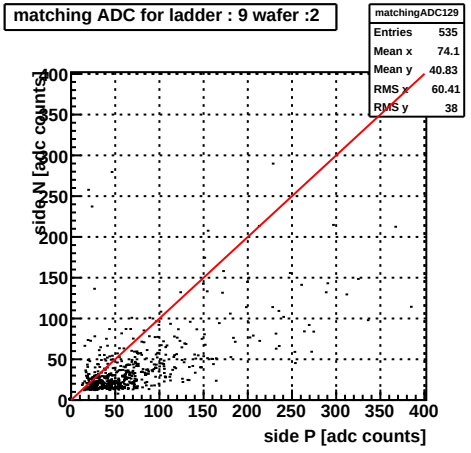

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 280
Mean x 64.01
Mean y 42.06
RMS x 58.29
RMS y 31.76
side N [adc counts]
side P [adc counts]

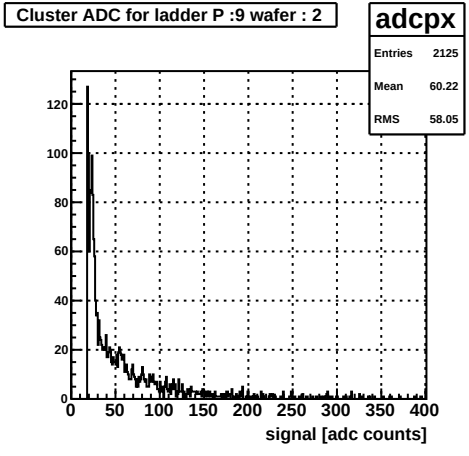

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8217
Mean 44.55
RMS 49.82
signal [adc counts]

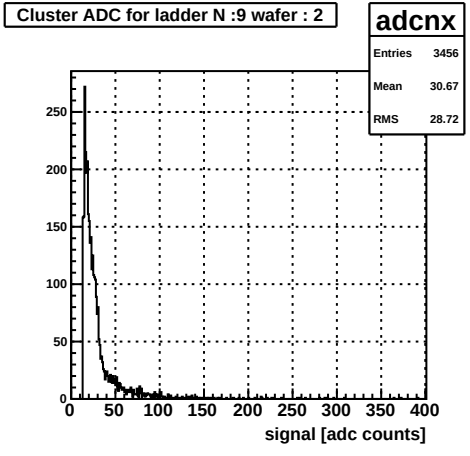

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 934
Mean 40.63
RMS 32.15
signal [adc counts]

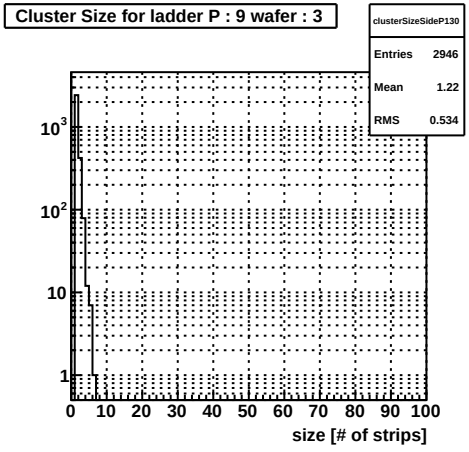

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2125
Mean 1.228
RMS 0.5429
size [# of strips]

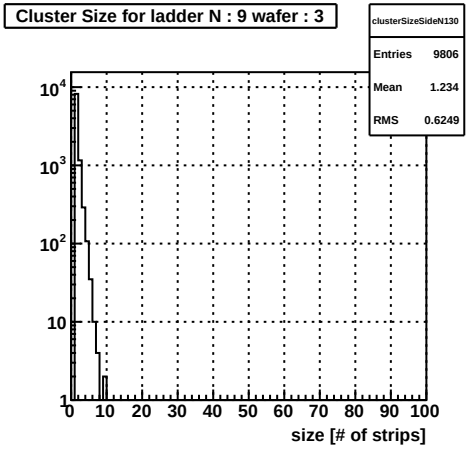

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3456
Mean 1.193
RMS 0.4972
size [# of strips]

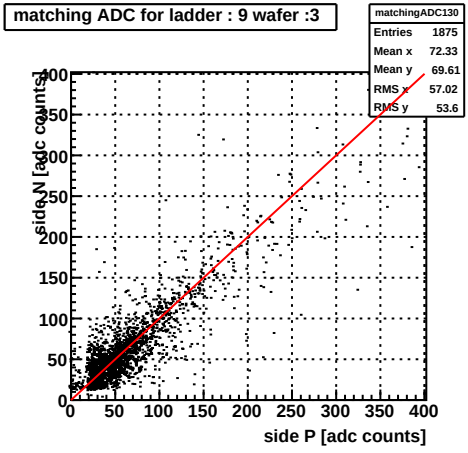

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 535
Mean x 74.1
Mean y 40.83
RMS x 60.41
RMS y 38
side N [adc counts]
side P [adc counts]

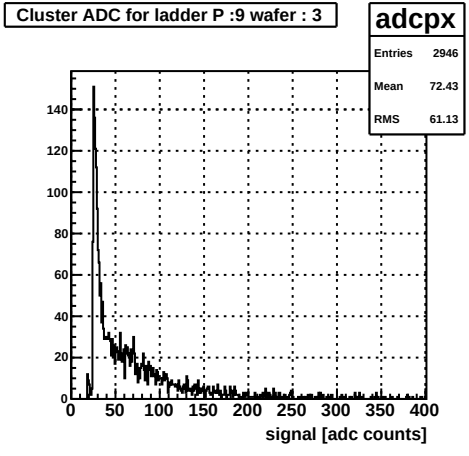

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2125
Mean 60.22
RMS 58.05
signal [adc counts]

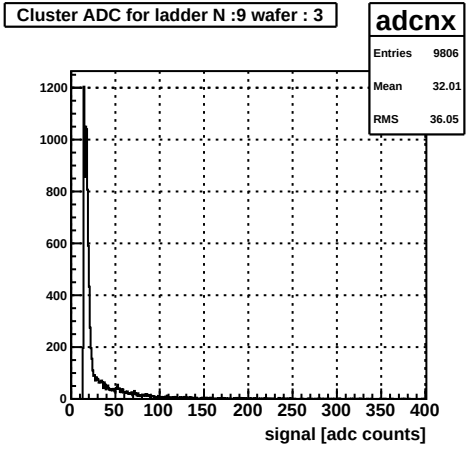

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3456
Mean 30.67
RMS 28.72
signal [adc counts]

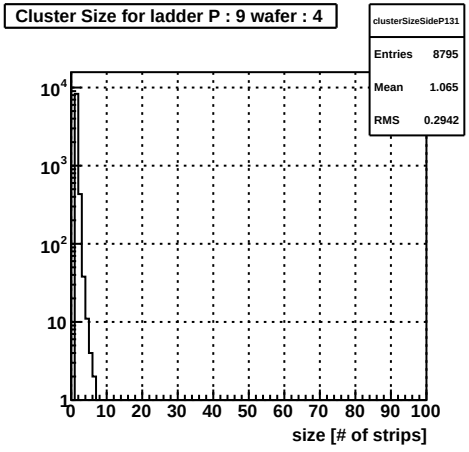

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2946
Mean 1.22
RMS 0.534
size [# of strips]

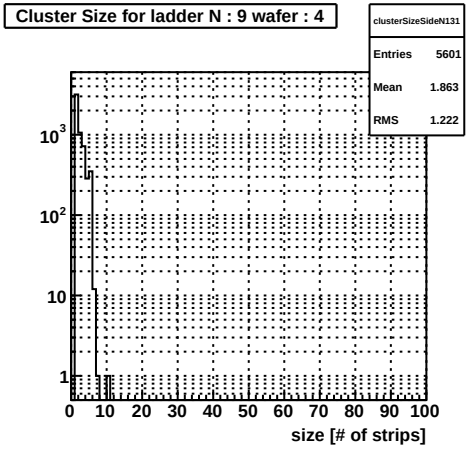

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9806
Mean 1.234
RMS 0.6249
size [# of strips]

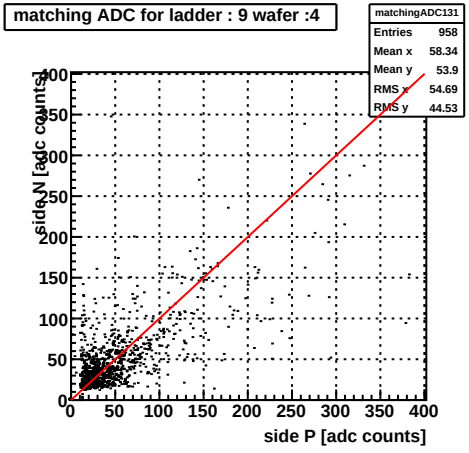

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1875
Mean x 72.33
Mean y 69.61
RMS x 57.02
RMS y 53.6
side N [adc counts]
side P [adc counts]

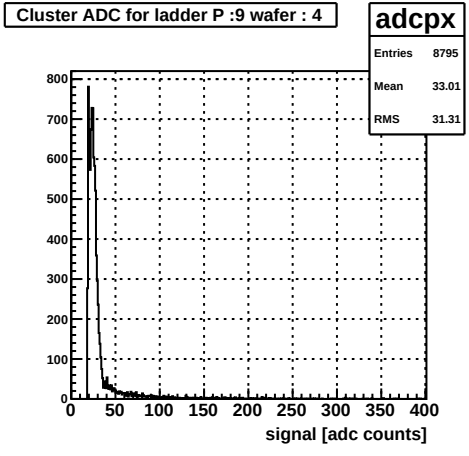

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2946
Mean 72.43
RMS 61.13
signal [adc counts]

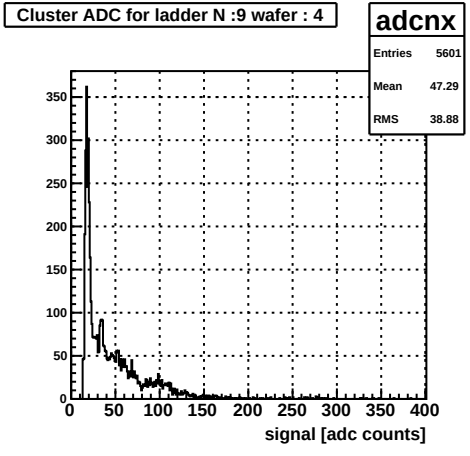

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9806
Mean 32.01
RMS 36.05
signal [adc counts]

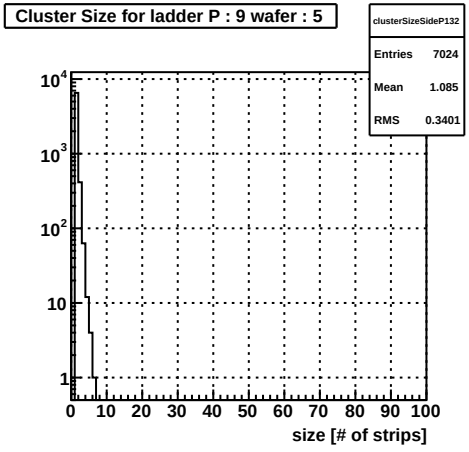

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 8795
Mean 1.065
RMS 0.2942
size [# of strips]

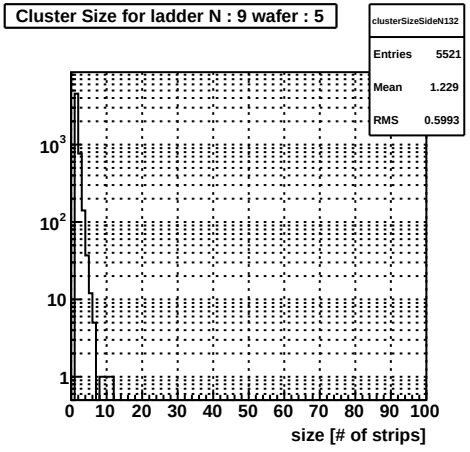

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5601
Mean 1.863
RMS 1.222
size [# of strips]

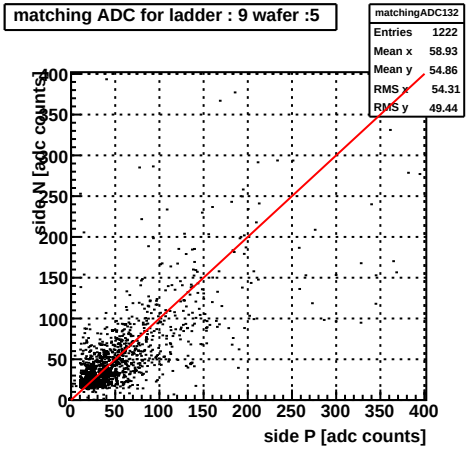

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 958
Mean x 58.34
Mean y 53.9
RMS x 54.69
RMS y 44.53
side N [adc counts]
side P [adc counts]

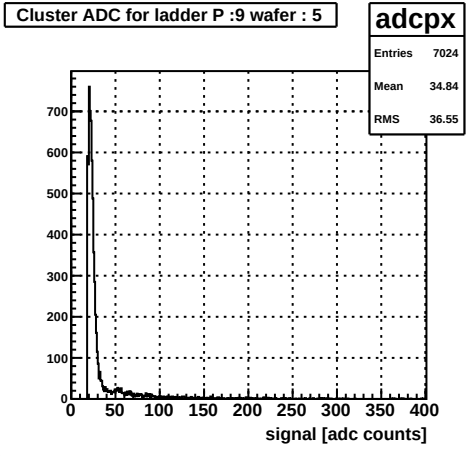

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 8795
Mean 33.01
RMS 31.31
signal [adc counts]

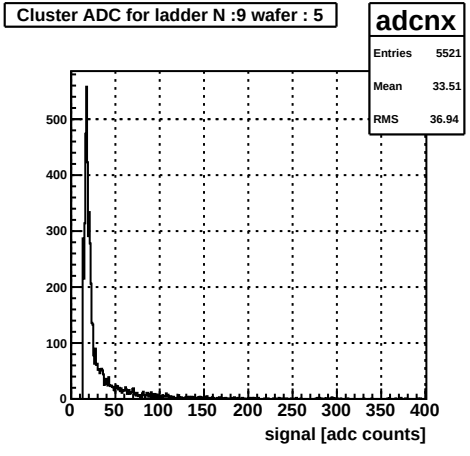

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5601
Mean 47.29
RMS 38.88
signal [adc counts]

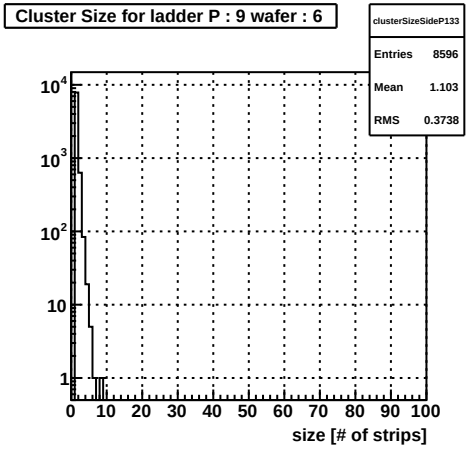

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7024
Mean 1.085
RMS 0.3401
size [# of strips]

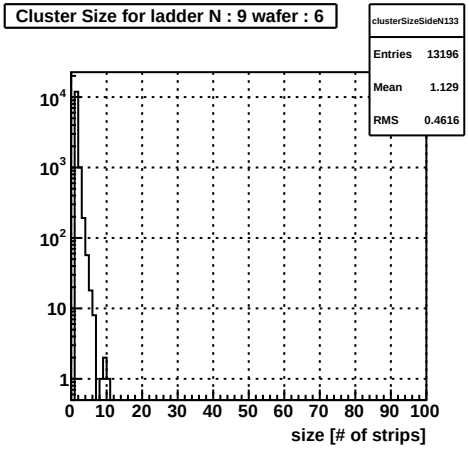

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5521
Mean 1.229
RMS 0.5993
size [# of strips]

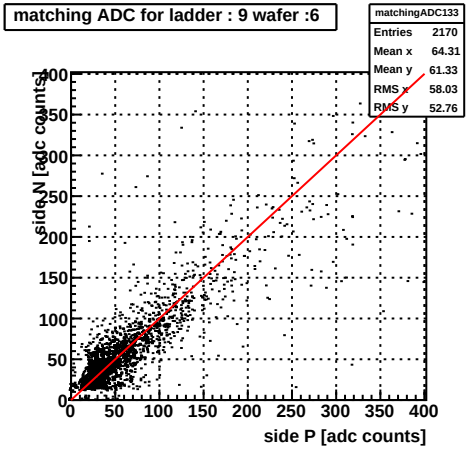

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1222
Mean x 58.93
Mean y 54.86
RMS x 54.31
RMS y 49.44
side N [adc counts]
side P [adc counts]

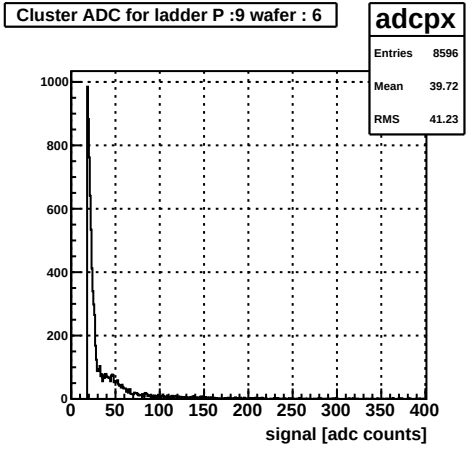

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7024
Mean 34.84
RMS 36.55
signal [adc counts]

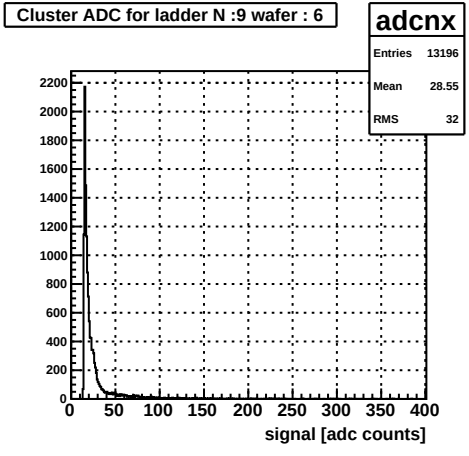

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5521
Mean 33.51
RMS 36.94
signal [adc counts]

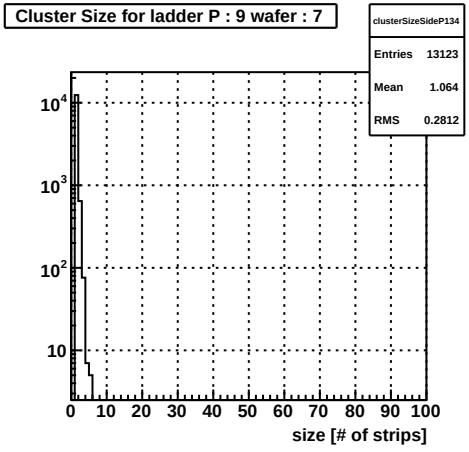

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 8596
Mean 1.103
RMS 0.3738
size [# of strips]

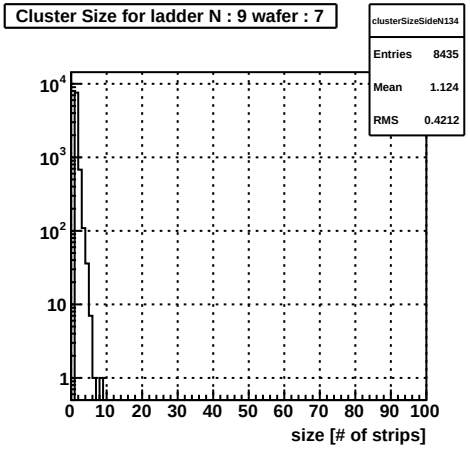

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 13196
Mean 1.129
RMS 0.4616
size [# of strips]

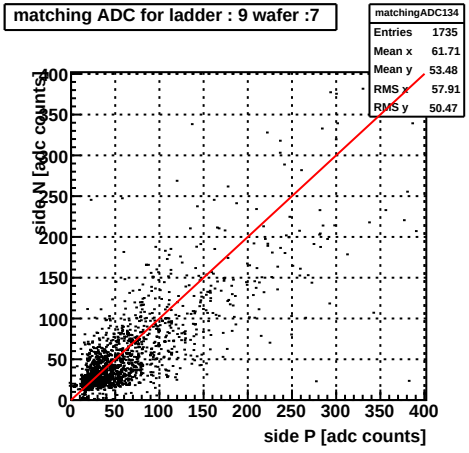

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2170
Mean x 64.31
Mean y 61.33
RMS x 58.03
RMS y 52.76
side N [adc counts]
side P [adc counts]

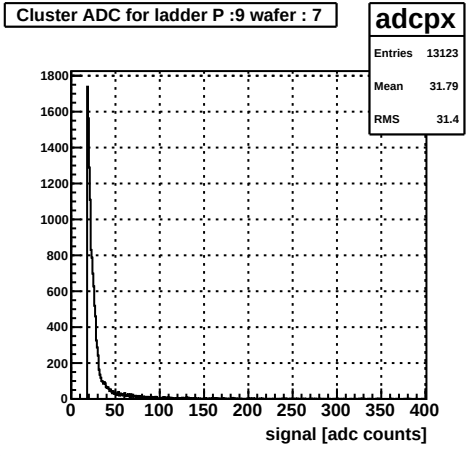

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 8596
Mean 39.72
RMS 41.23
signal [adc counts]

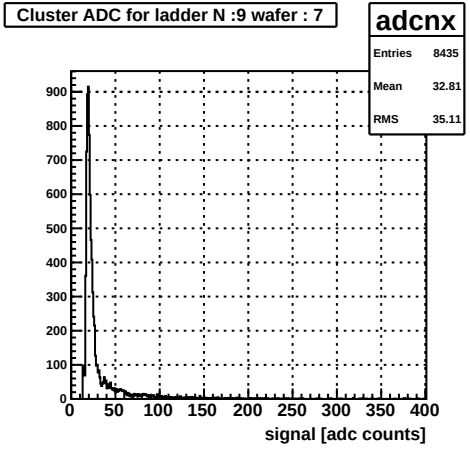

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 13196
Mean 28.55
RMS 32
signal [adc counts]

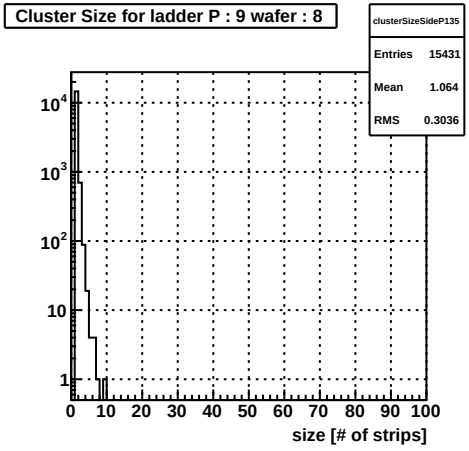

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13123
Mean 1.064
RMS 0.2812
size [# of strips]

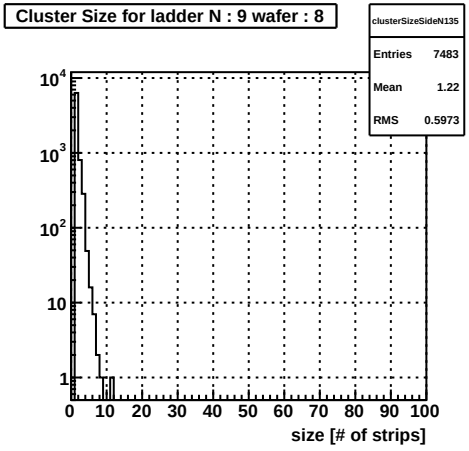

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8435
Mean 1.124
RMS 0.4212
size [# of strips]

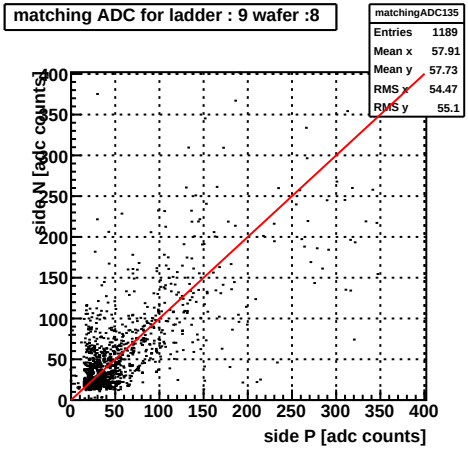

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1735
Mean x 61.71
Mean y 53.48
RMS x 57.91
RMS y 50.47
side N [adc counts]
side P [adc counts]

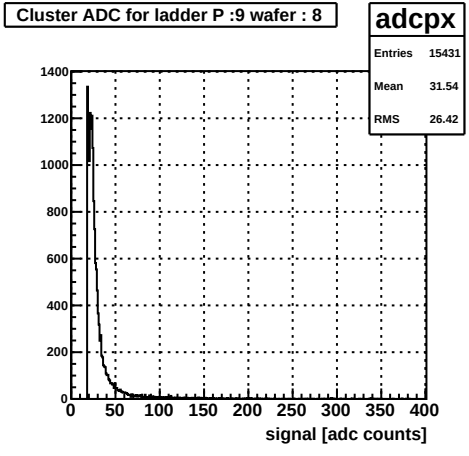

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13123
Mean 31.79
RMS 31.4
signal [adc counts]

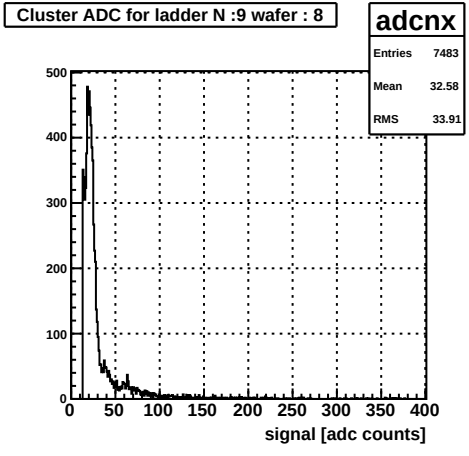

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8435
Mean 32.81
RMS 35.11
signal [adc counts]

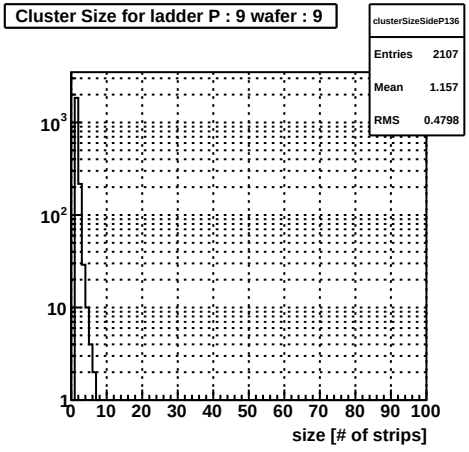

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 15431
Mean 1.064
RMS 0.3036
size [# of strips]

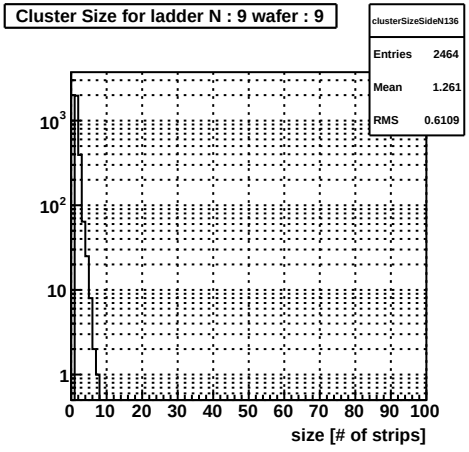

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7483
Mean 1.22
RMS 0.5973
size [# of strips]

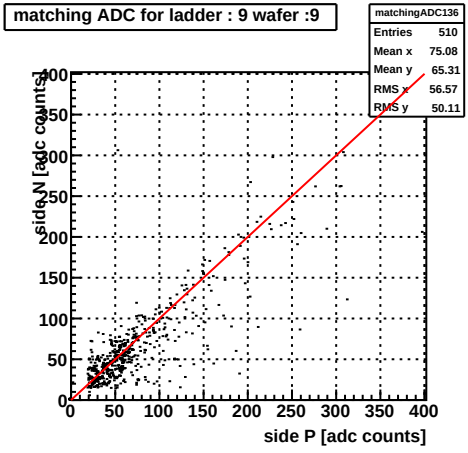

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1189
Mean x 57.91
Mean y 57.73
RMS x 54.47
RMS y 55.1
side N [adc counts]
side P [adc counts]

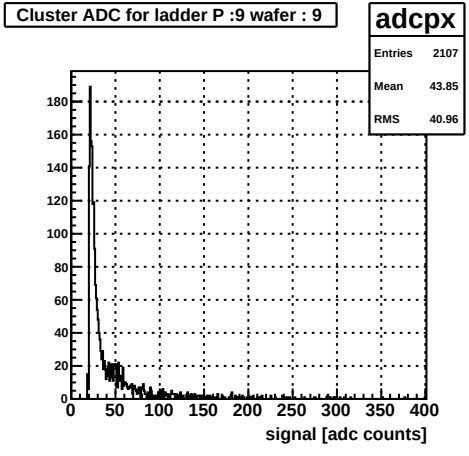

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 15431
Mean 31.54
RMS 26.42
signal [adc counts]

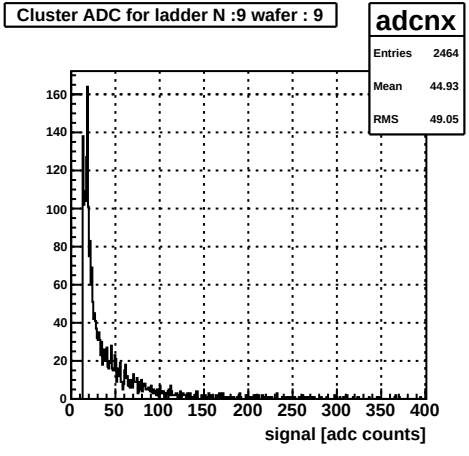

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7483
Mean 32.58
RMS 33.91
signal [adc counts]

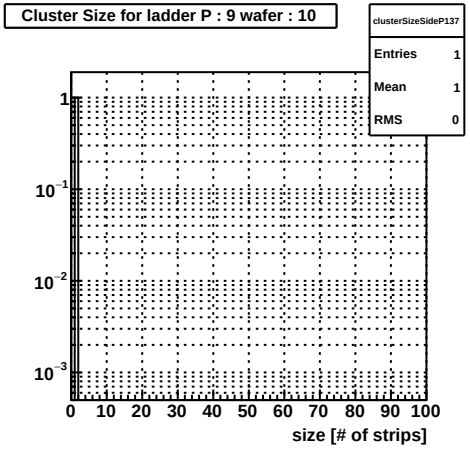

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2107
Mean 1.157
RMS 0.4798
size [# of strips]

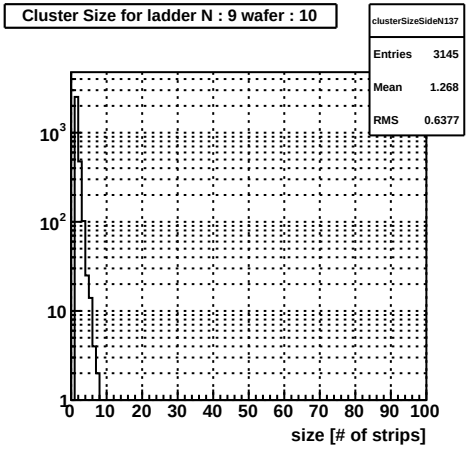

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2464
Mean 1.261
RMS 0.6109
size [# of strips]

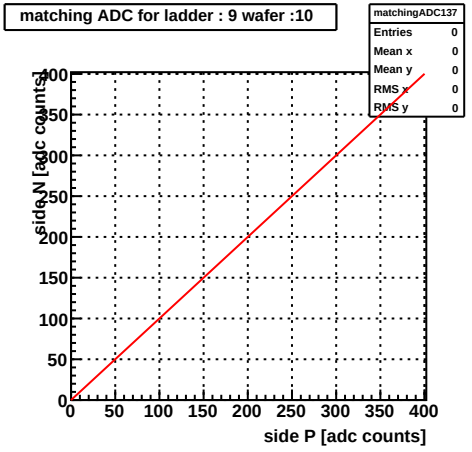

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 510
Mean x 75.08
Mean y 65.31
RMS x 56.57
RMS y 50.11
side N [adc counts]
side P [adc counts]

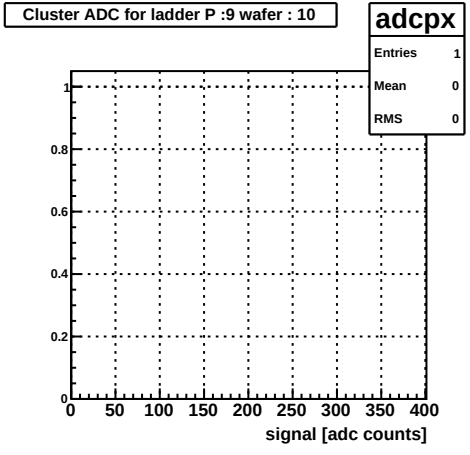

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2107
Mean 43.85
RMS 40.96
signal [adc counts]

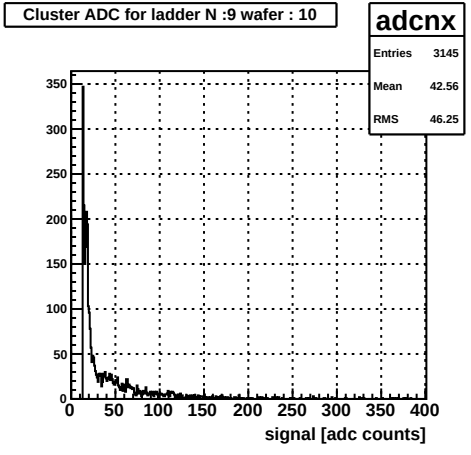

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2464
Mean 44.93
RMS 49.05
signal [adc counts]

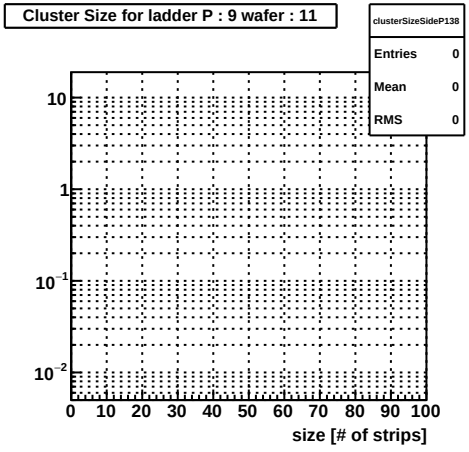

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

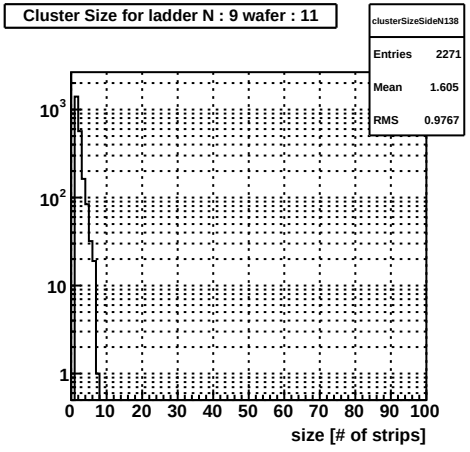

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3145
Mean 1.268
RMS 0.6377
size [# of strips]

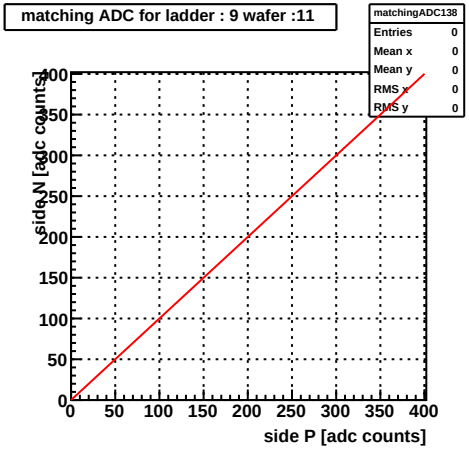

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

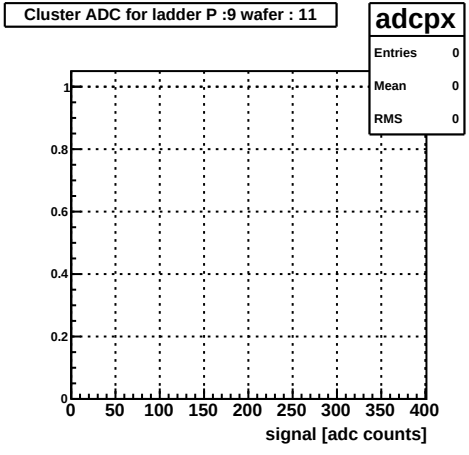

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

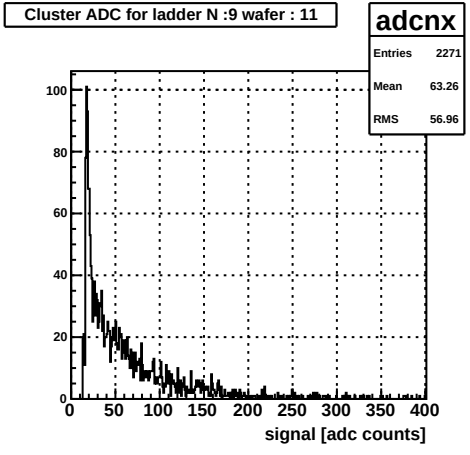

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3145
Mean 42.56
RMS 46.25
signal [adc counts]

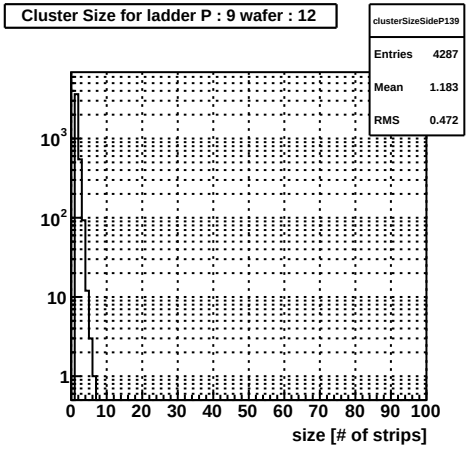

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

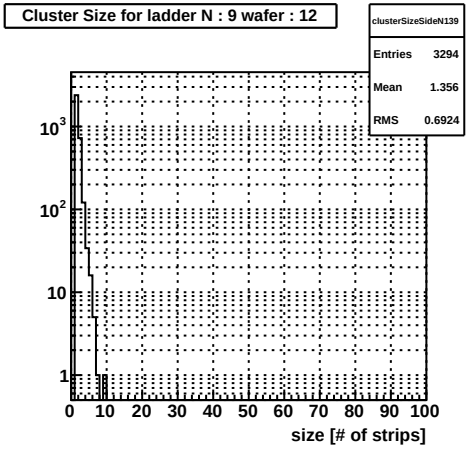

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2271
Mean 1.605
RMS 0.9767
size [# of strips]

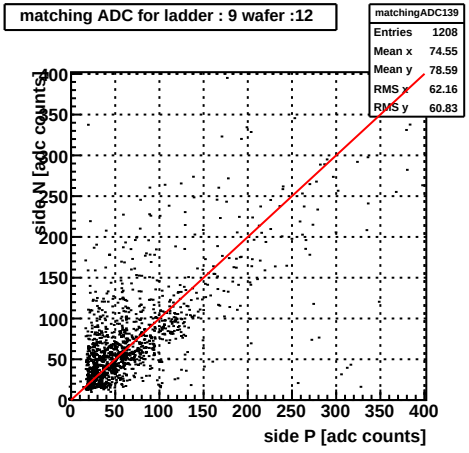

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

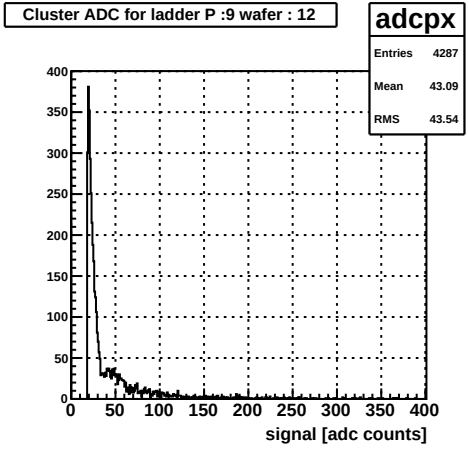

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

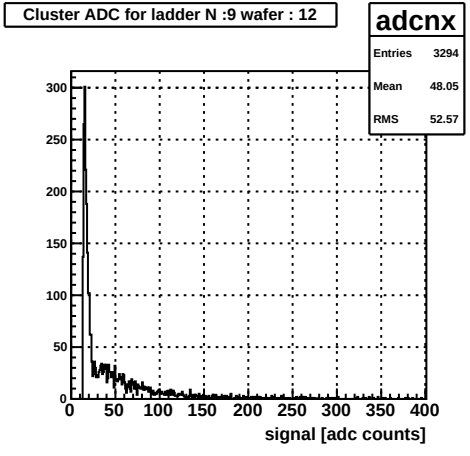

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2271
Mean 63.26
RMS 56.96
signal [adc counts]

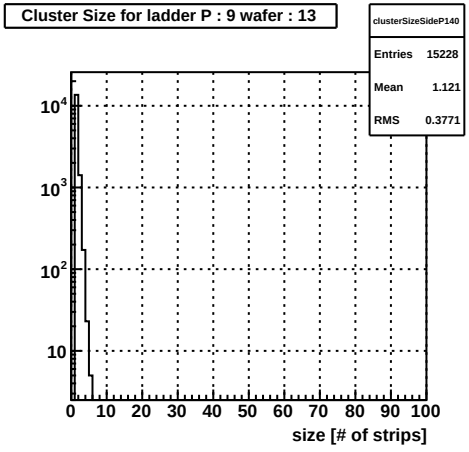

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4287
Mean 1.183
RMS 0.472
size [# of strips]

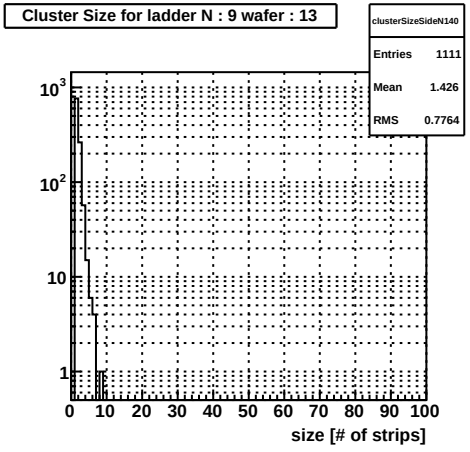

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3294
Mean 1.356
RMS 0.6924
size [# of strips]

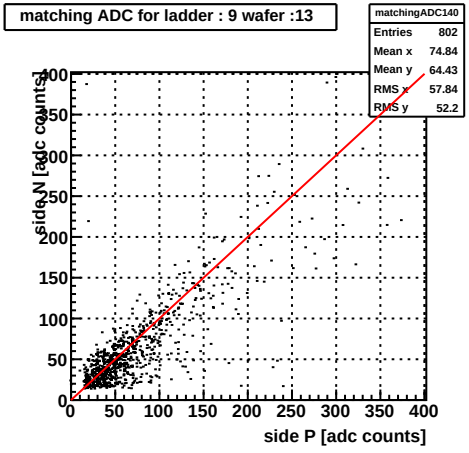

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1208
Mean x 74.55
Mean y 78.59
RMS x 62.16
RMS y 60.83
side N [adc counts]
side P [adc counts]

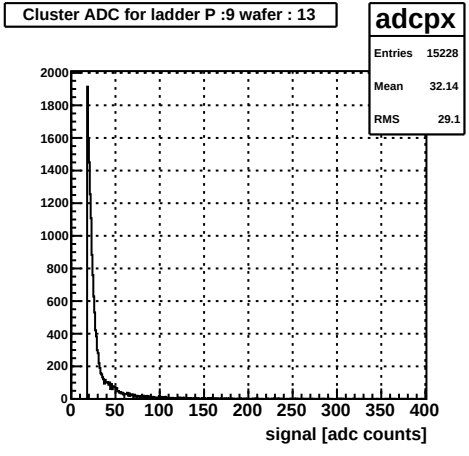

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4287
Mean 43.09
RMS 43.54
signal [adc counts]

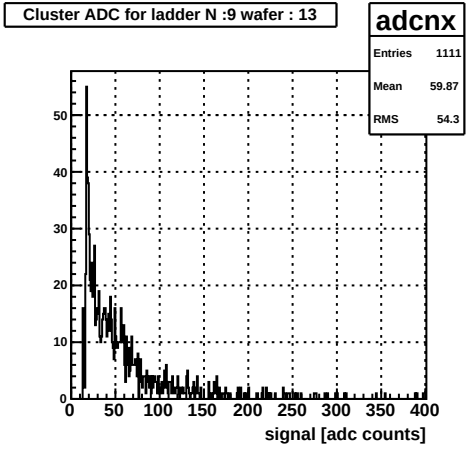

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3294
Mean 48.05
RMS 52.57
signal [adc counts]

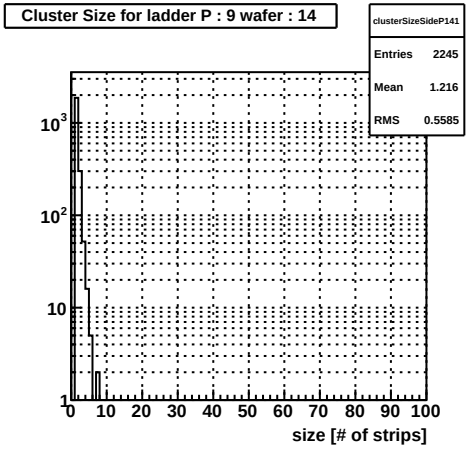

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 15228
Mean 1.121
RMS 0.3771
size [# of strips]

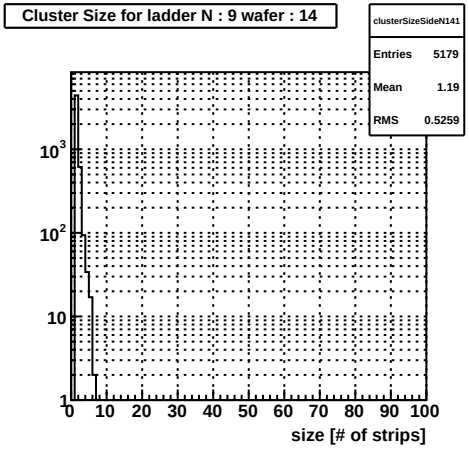

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1111
Mean 1.426
RMS 0.7764
size [# of strips]

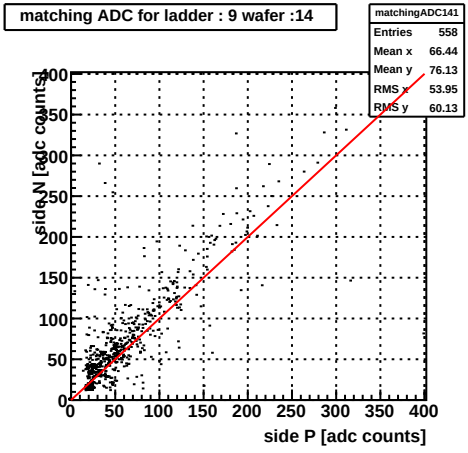

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 802
Mean x 74.84
Mean y 64.43
RMS x 57.84
RMS y 52.2
side N [adc counts]
side P [adc counts]

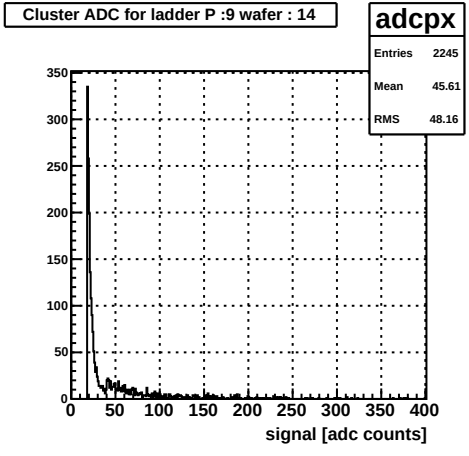

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 15228
Mean 32.14
RMS 29.1
signal [adc counts]

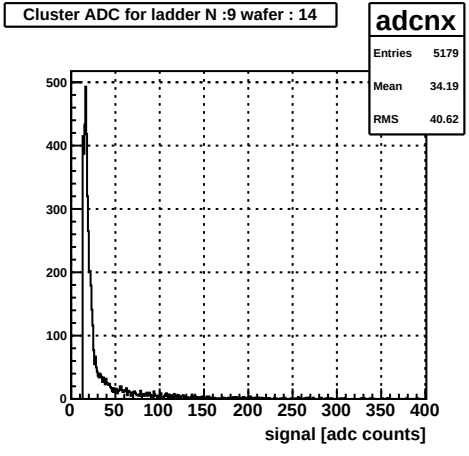

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1111
Mean 59.87
RMS 54.3
signal [adc counts]

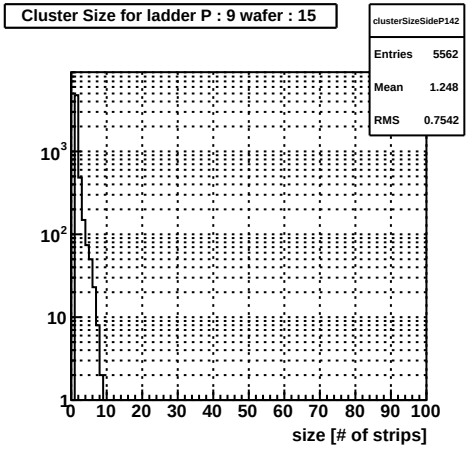

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2245
Mean 1.216
RMS 0.5585
size [# of strips]

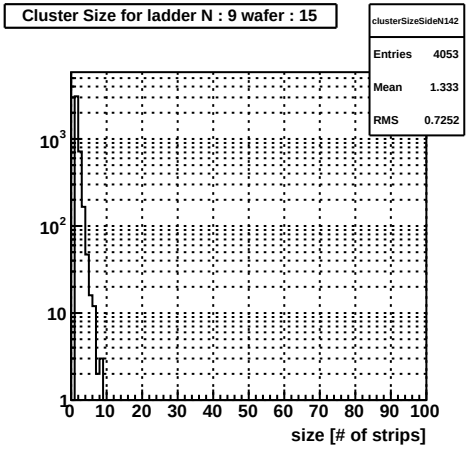

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5179
Mean 1.19
RMS 0.5259
size [# of strips]

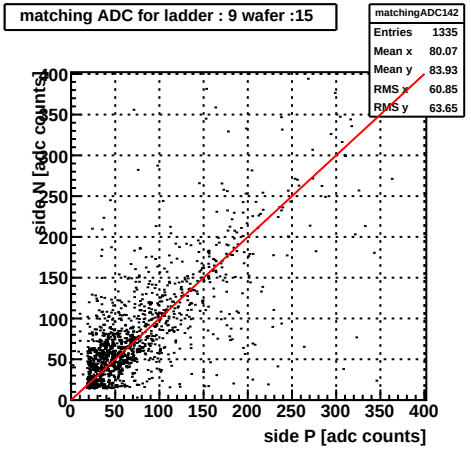

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 558
Mean x 66.44
Mean y 76.13
RMS x 53.95
RMS y 60.13
side N [adc counts]
side P [adc counts]

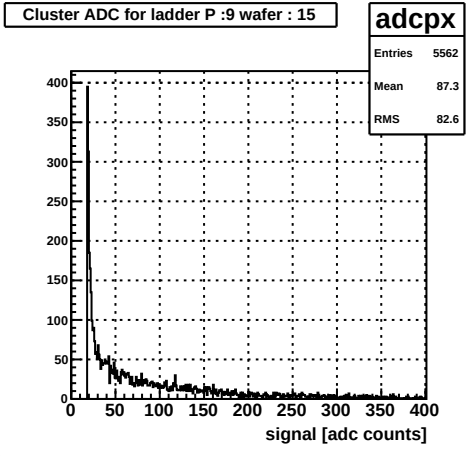

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2245
Mean 45.61
RMS 48.16
signal [adc counts]

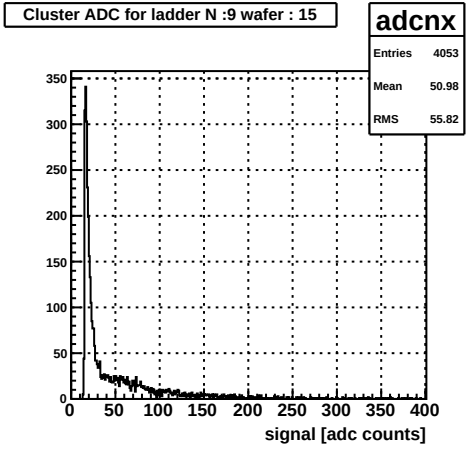

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5179
Mean 34.19
RMS 40.62
signal [adc counts]

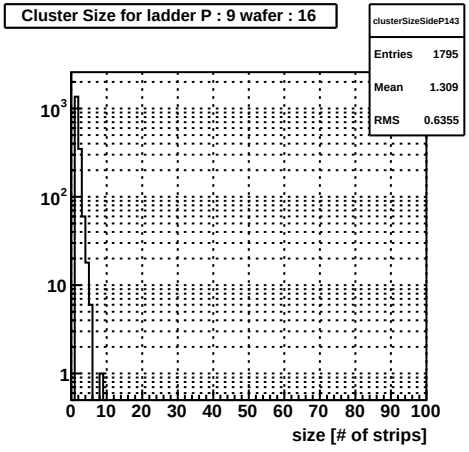

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5562
Mean 1.248
RMS 0.7542
size [# of strips]

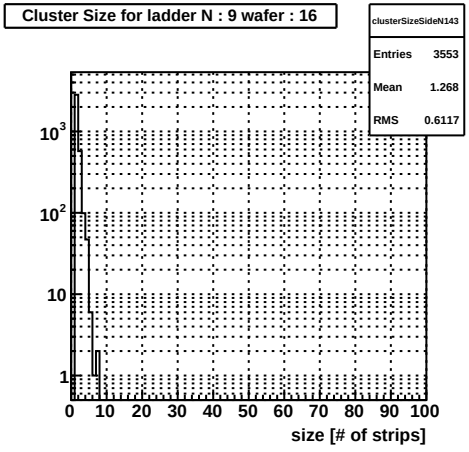

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4053
Mean 1.333
RMS 0.7252
size [# of strips]

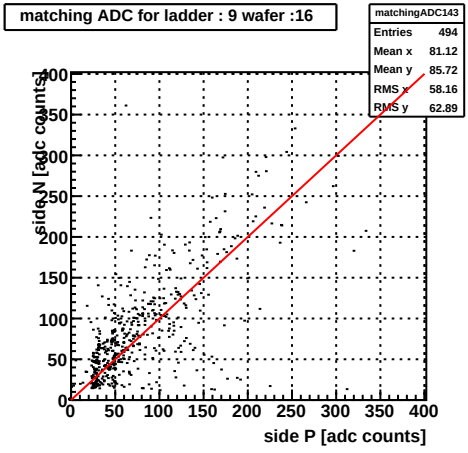

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1335
Mean x 80.07
Mean y 83.93
RMS x 60.85
RMS y 63.65
side N [adc counts]
side P [adc counts]

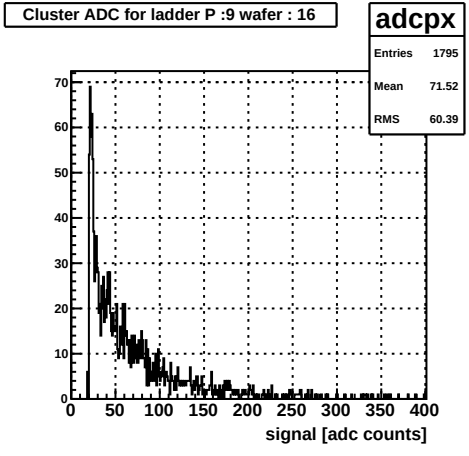

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5562
Mean 87.3
RMS 82.6
signal [adc counts]

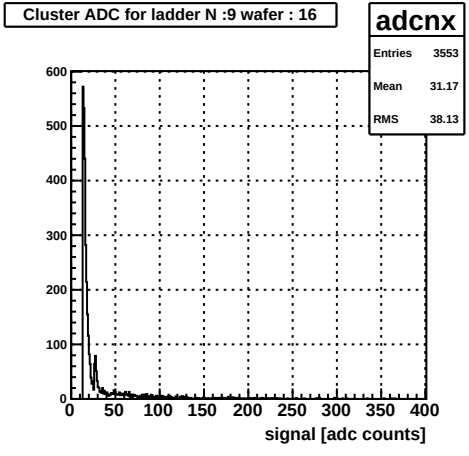

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4053
Mean 50.98
RMS 55.82
signal [adc counts]

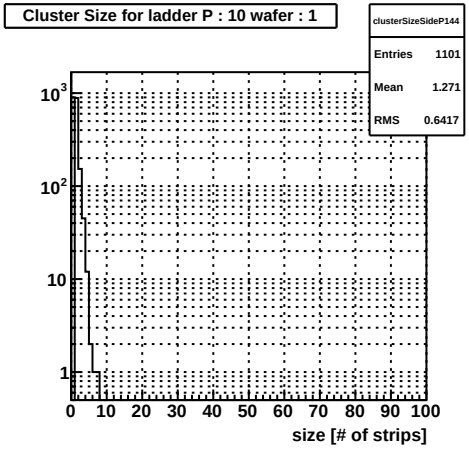

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1795
Mean 1.309
RMS 0.6355
size [# of strips]

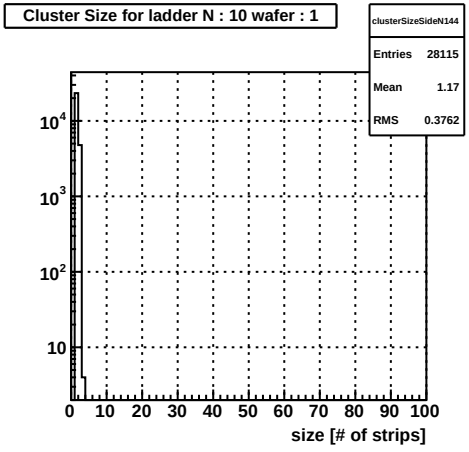

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3553
Mean 1.268
RMS 0.6117
size [# of strips]

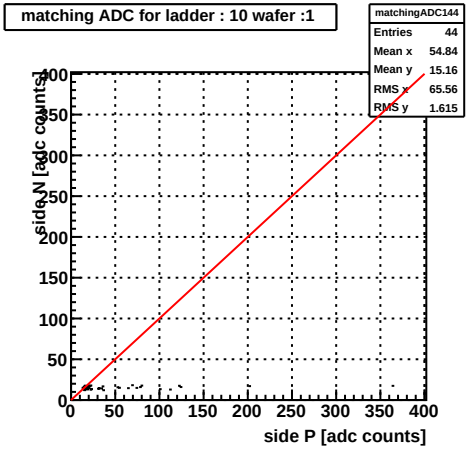

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 494
Mean x 81.12
Mean y 85.72
RMS x 58.16
RMS y 62.89
side N [adc counts]
side P [adc counts]

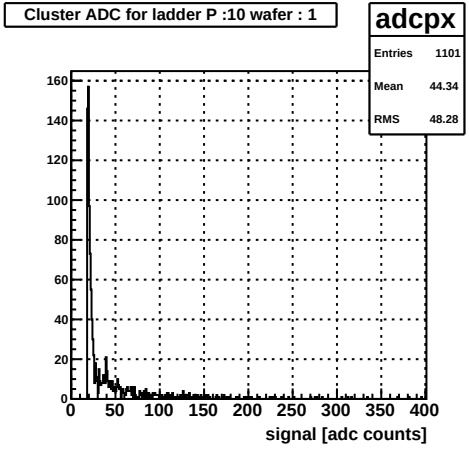

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1795
Mean 71.52
RMS 60.39
signal [adc counts]

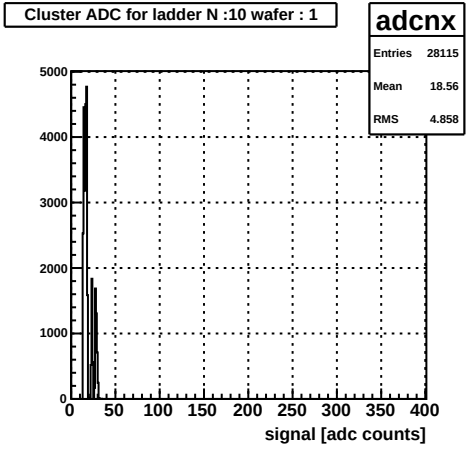

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3553
Mean 31.17
RMS 38.13
signal [adc counts]

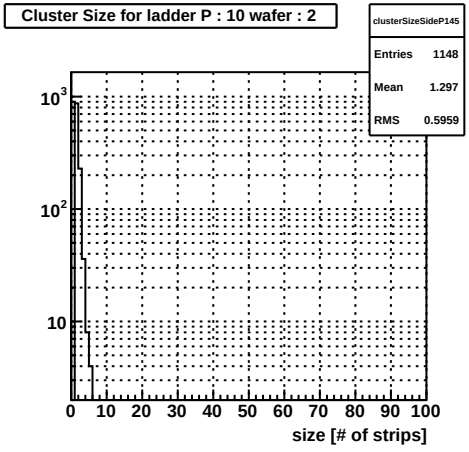

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1101
Mean 1.271
RMS 0.6417
size [# of strips]

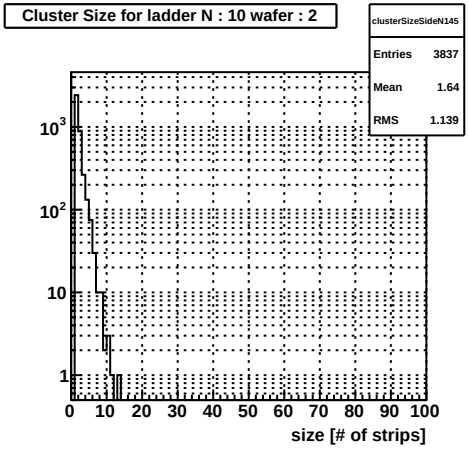

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 28115
Mean 1.17
RMS 0.3762
size [# of strips]

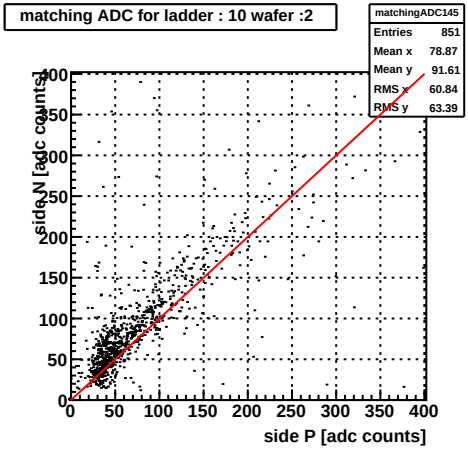

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 44
Mean x 54.84
Mean y 15.16
RMS x 65.56
RMS y 1.615
side N [adc counts]
side P [adc counts]

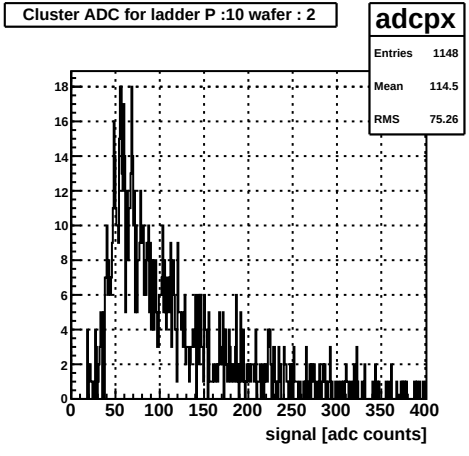

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1101
Mean 44.34
RMS 48.28
signal [adc counts]

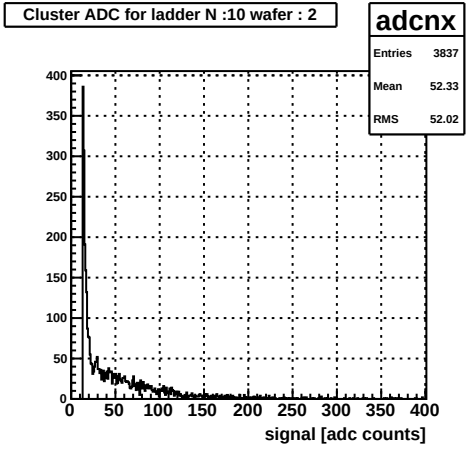

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 28115
Mean 18.56
RMS 4.858
signal [adc counts]

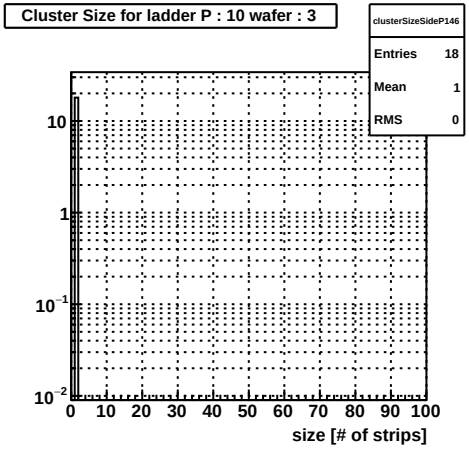

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1148
Mean 1.297
RMS 0.5959
size [# of strips]

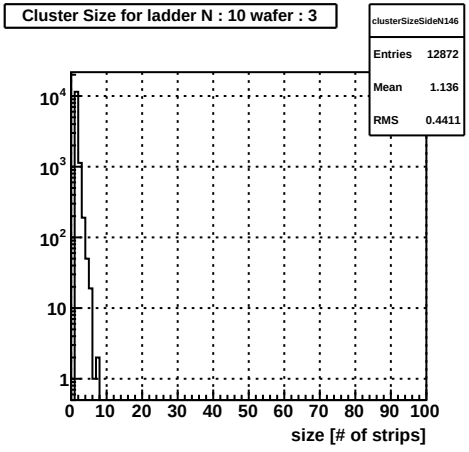

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3837
Mean 1.64
RMS 1.139
size [# of strips]

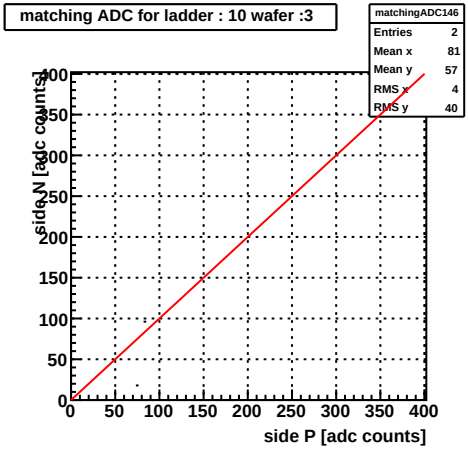

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 851
Mean x 78.87
Mean y 91.61
RMS x 60.84
RMS y 63.39
side N [adc counts]
side P [adc counts]

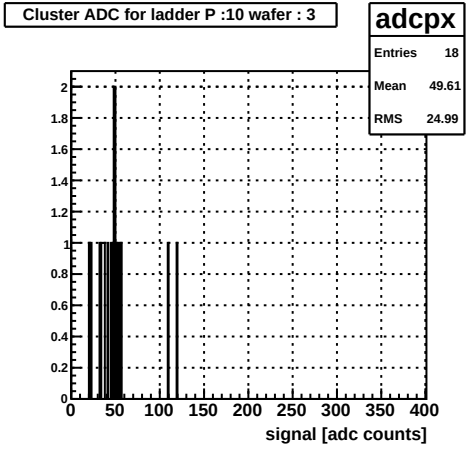

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1148
Mean 114.5
RMS 75.26
signal [adc counts]

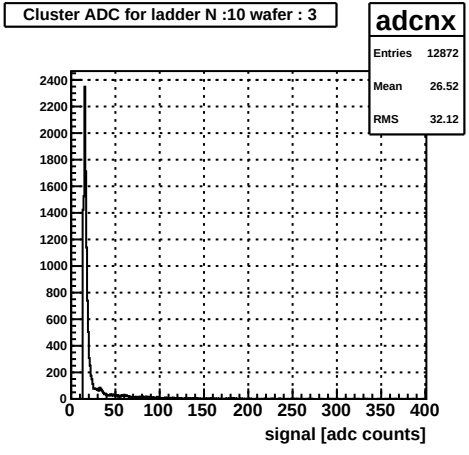

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3837
Mean 52.33
RMS 52.02
signal [adc counts]

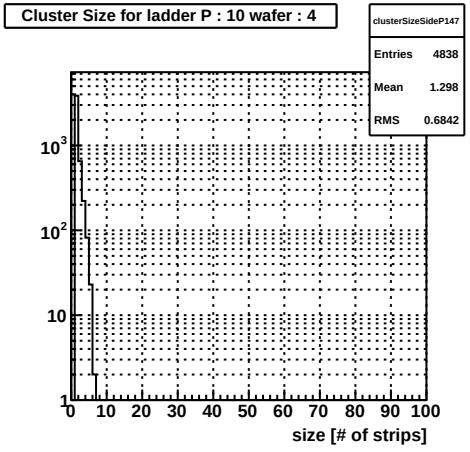

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 18
Mean 1
RMS 0
size [# of strips]

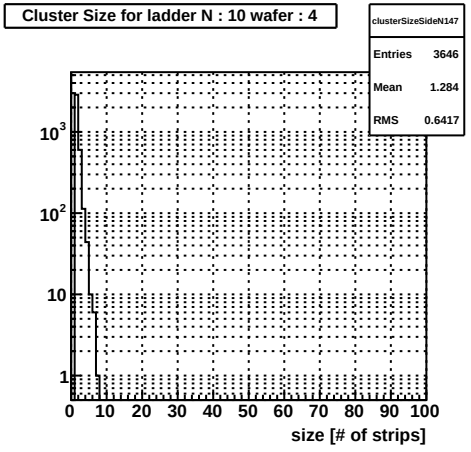

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 12872
Mean 1.136
RMS 0.4411
size [# of strips]

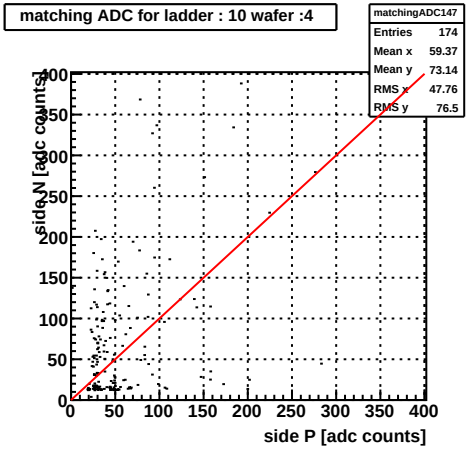

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 2
Mean x 81
Mean y 57
RMS x 4
RMS y 40
side N [adc counts]
side P [adc counts]

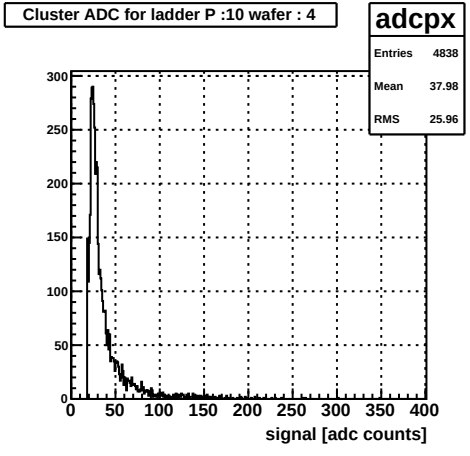

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 18
Mean 49.61
RMS 24.99
signal [adc counts]

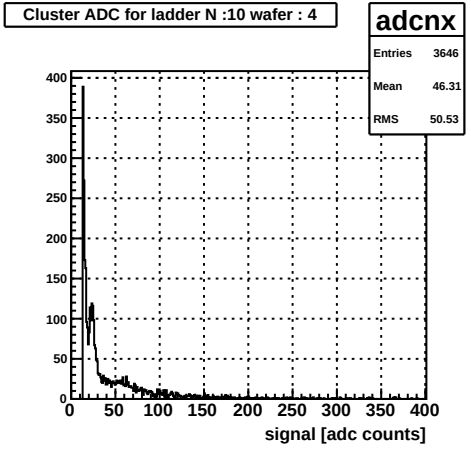

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 12872
Mean 26.52
RMS 32.12
signal [adc counts]

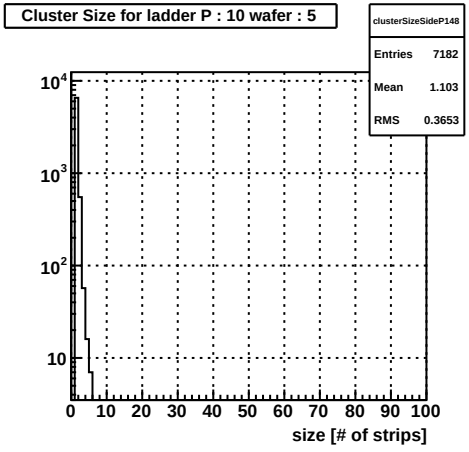

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4838
Mean 1.298
RMS 0.6842
size [# of strips]

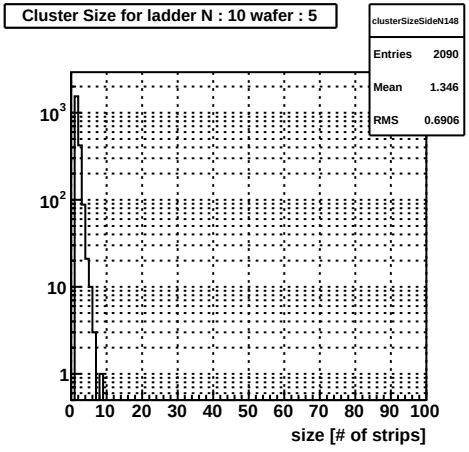

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3646
Mean 1.284
RMS 0.6417
size [# of strips]

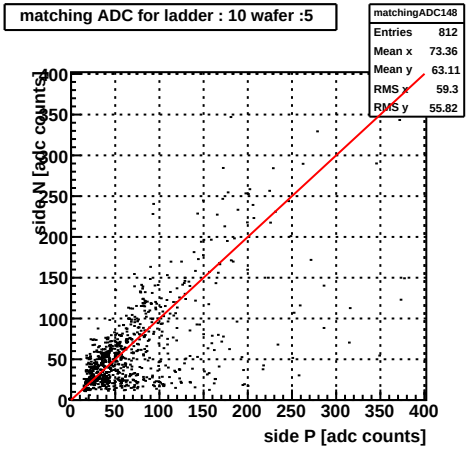

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 174
Mean x 59.37
Mean y 73.14
RMS x 47.76
RMS y 76.5
side N [adc counts]
side P [adc counts]

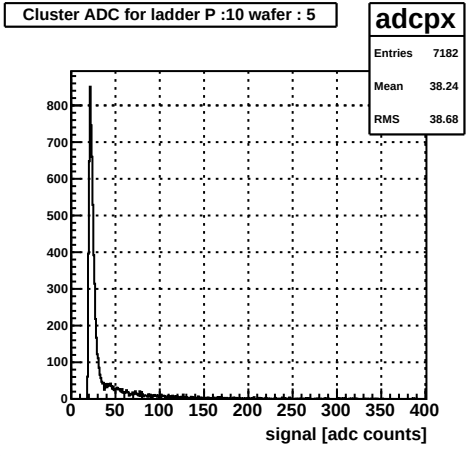

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4838
Mean 37.98
RMS 25.96
signal [adc counts]

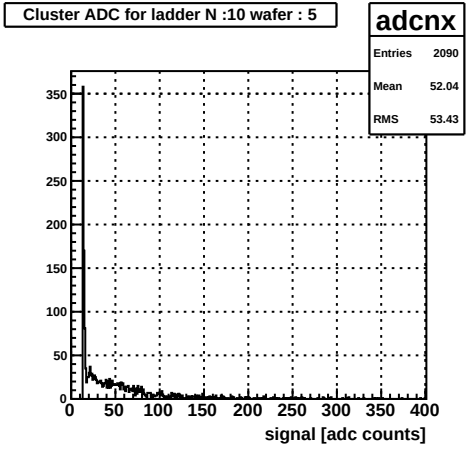

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3646
Mean 46.31
RMS 50.53
signal [adc counts]

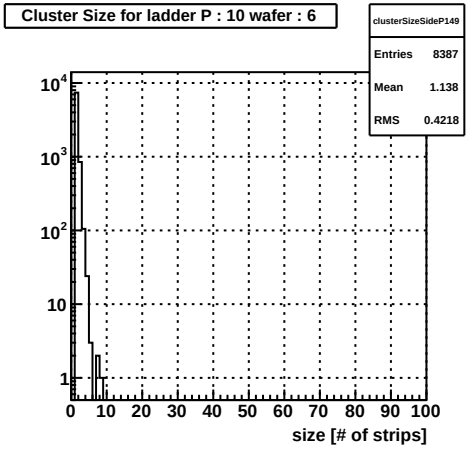

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7182
Mean 1.103
RMS 0.3653
size [# of strips]

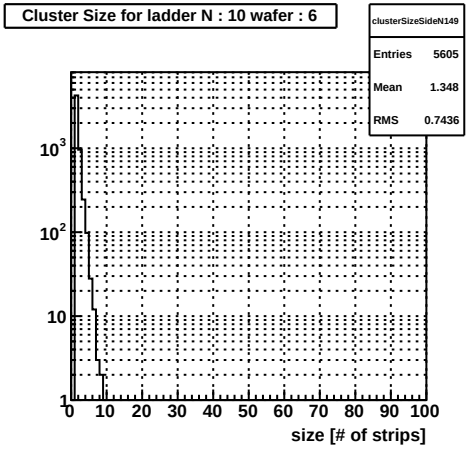

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2090
Mean 1.346
RMS 0.6906
size [# of strips]

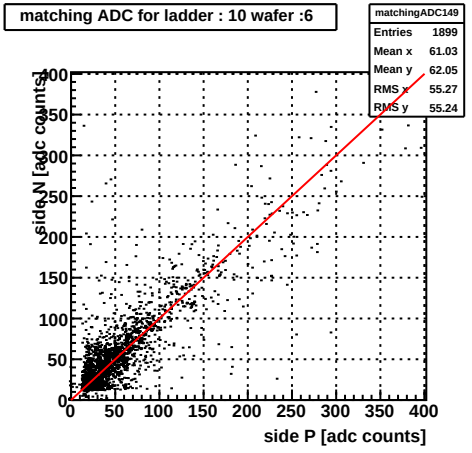

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 812
Mean x 73.36
Mean y 63.11
RMS x 59.3
RMS y 55.82
side N [adc counts]
side P [adc counts]

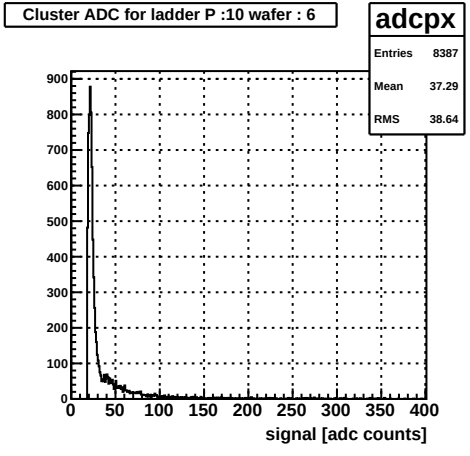

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7182
Mean 38.24
RMS 38.68
signal [adc counts]

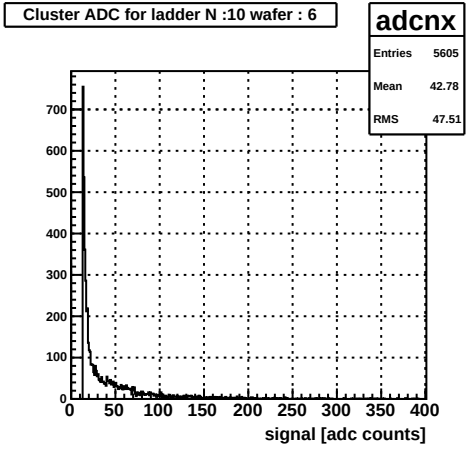

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2090
Mean 52.04
RMS 53.43
signal [adc counts]

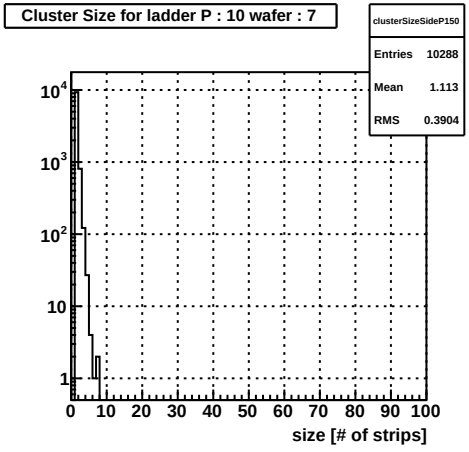

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 8387
Mean 1.138
RMS 0.4218
size [# of strips]

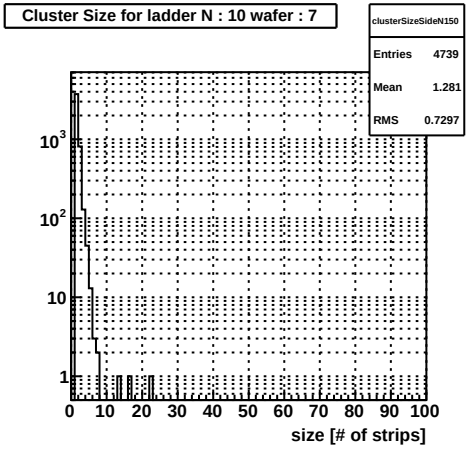

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5605
Mean 1.348
RMS 0.7436
size [# of strips]

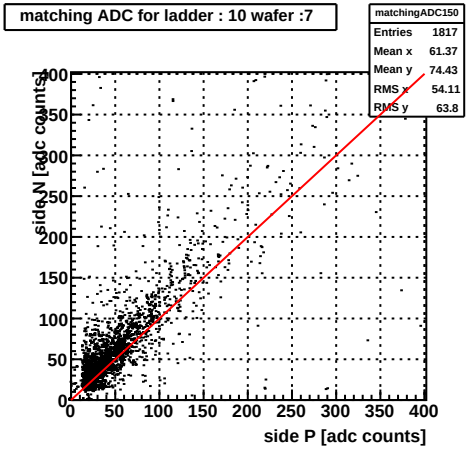

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1899
Mean x 61.03
Mean y 62.05
RMS x 55.27
RMS y 55.24
side N [adc counts]
side P [adc counts]

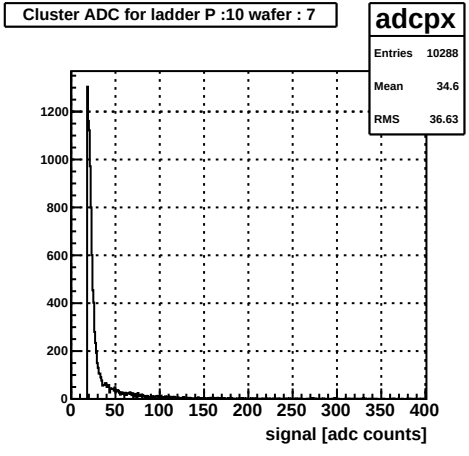

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 8387
Mean 37.29
RMS 38.64
signal [adc counts]

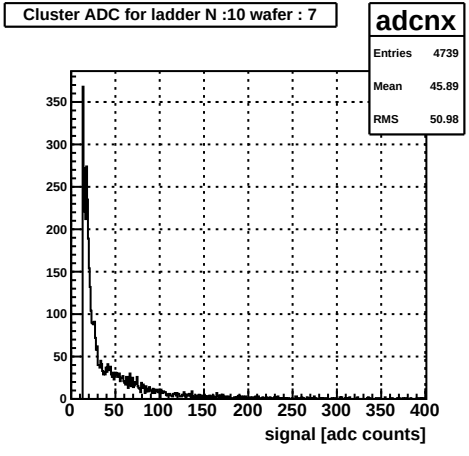

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5605
Mean 42.78
RMS 47.51
signal [adc counts]

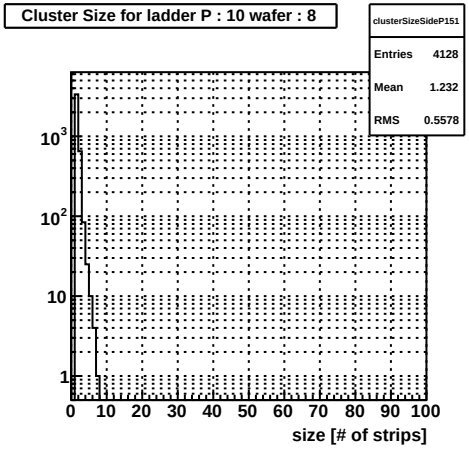

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10288
Mean 1.113
RMS 0.3904
size [# of strips]

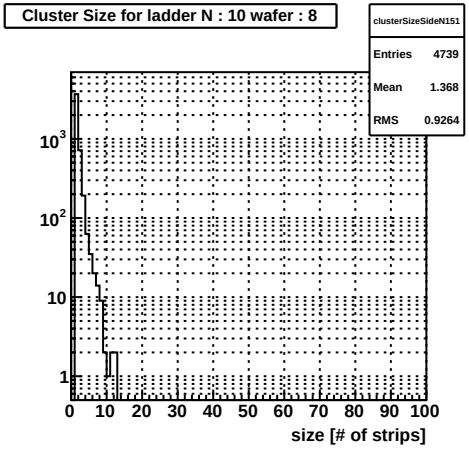

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4739
Mean 1.281
RMS 0.7297
size [# of strips]

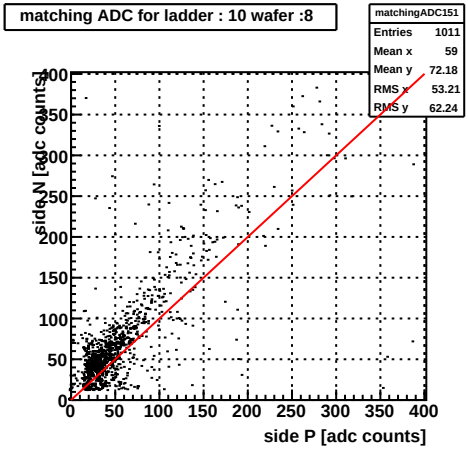

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1817
Mean x 61.37
Mean y 74.43
RMS x 54.11
RMS y 63.8
side N [adc counts]
side P [adc counts]

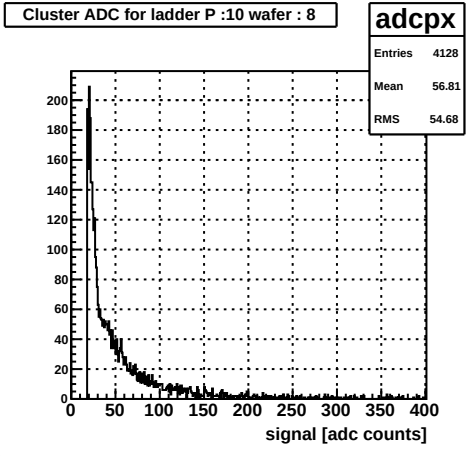

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10288
Mean 34.6
RMS 36.63
signal [adc counts]

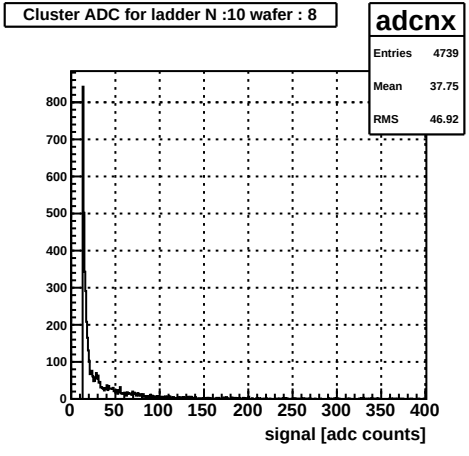

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4739
Mean 45.89
RMS 50.98
signal [adc counts]

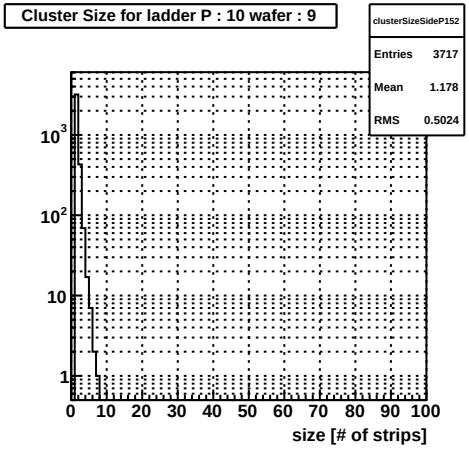

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 4128
Mean 1.232
RMS 0.5578
size [# of strips]

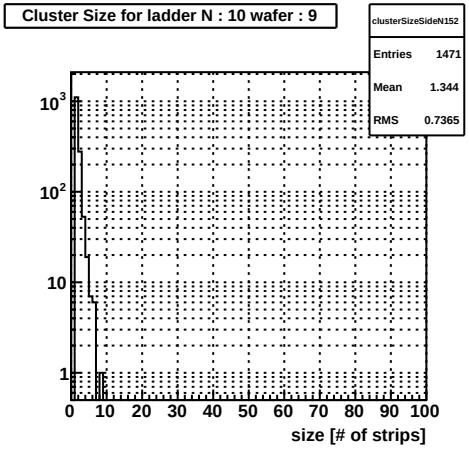

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4739
Mean 1.368
RMS 0.9264
size [# of strips]

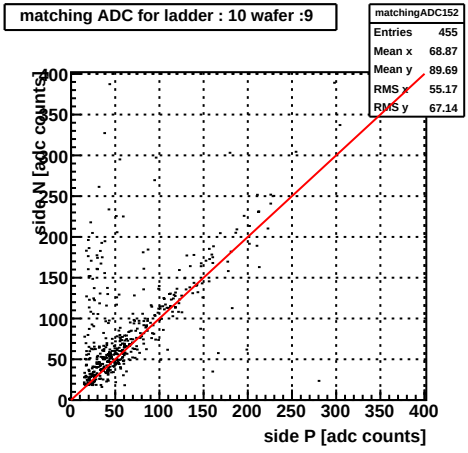

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 1011
Mean x 59
Mean y 72.18
RMS x 53.21
RMS y 62.24
side N [adc counts]
side P [adc counts]

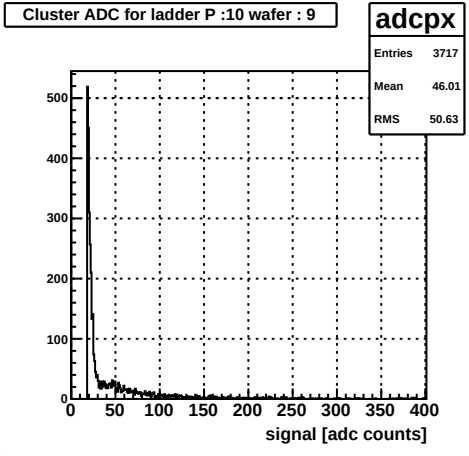

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 4128
Mean 56.81
RMS 54.68
signal [adc counts]

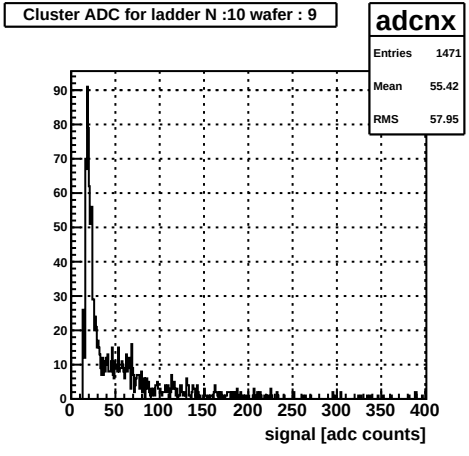

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4739
Mean 37.75
RMS 46.92
signal [adc counts]

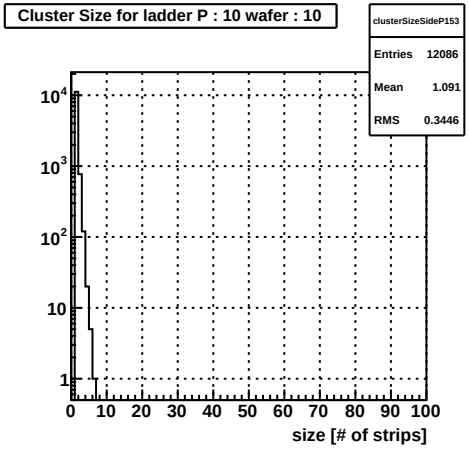

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3717
Mean 1.178
RMS 0.5024
size [# of strips]

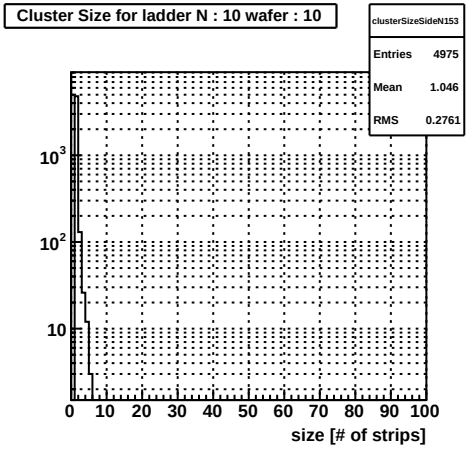

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1471
Mean 1.344
RMS 0.7365
size [# of strips]

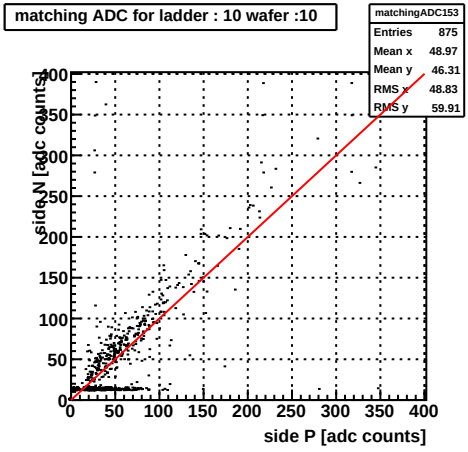

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 455
Mean x 68.87
Mean y 89.69
RMS x 55.17
RMS y 67.14
side N [adc counts]
side P [adc counts]

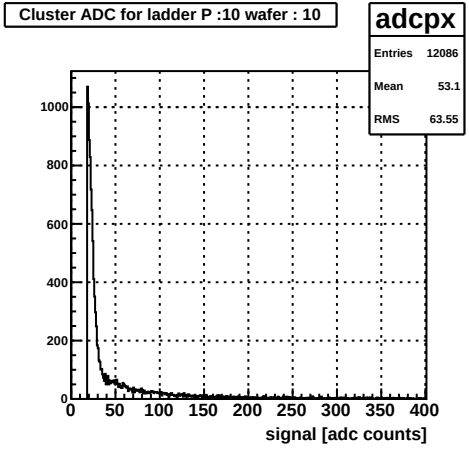

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3717
Mean 46.01
RMS 50.63
signal [adc counts]

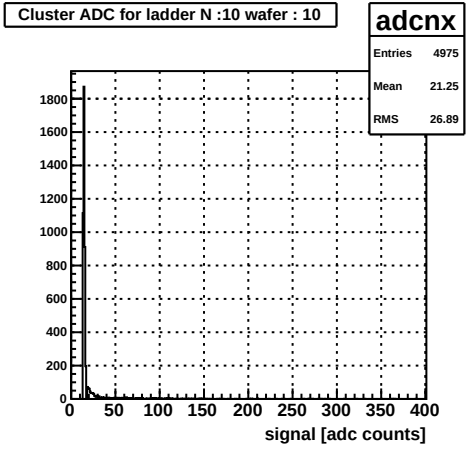

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1471
Mean 55.42
RMS 57.95
signal [adc counts]

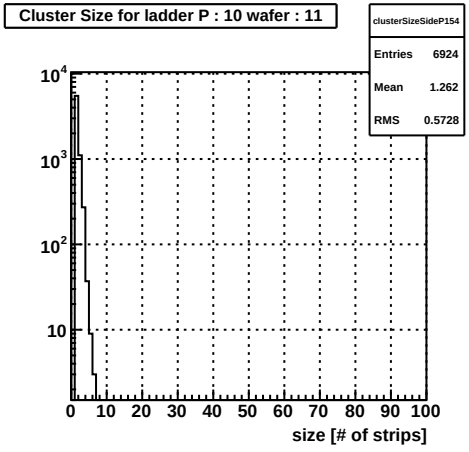

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12086
Mean 1.091
RMS 0.3446
size [# of strips]

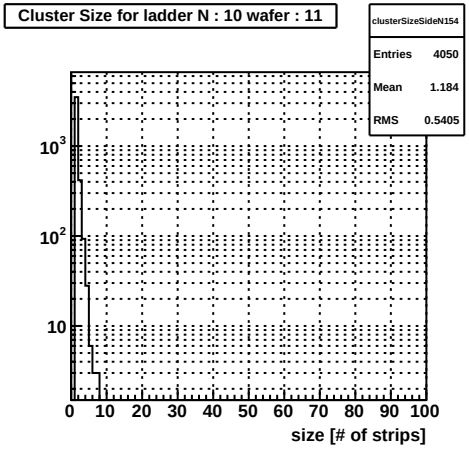

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 4975
Mean 1.046
RMS 0.2761
size [# of strips]

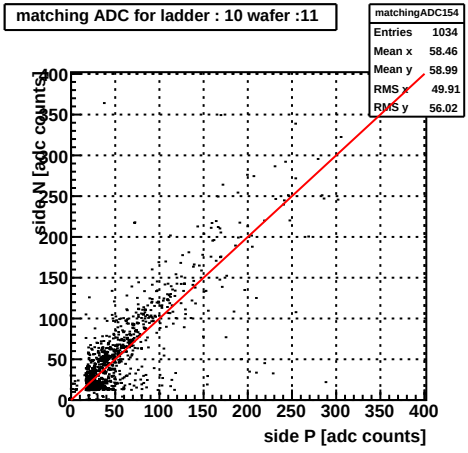

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 875
Mean x 48.97
Mean y 46.31
RMS x 48.83
RMS y 59.91
side N [adc counts]
side P [adc counts]

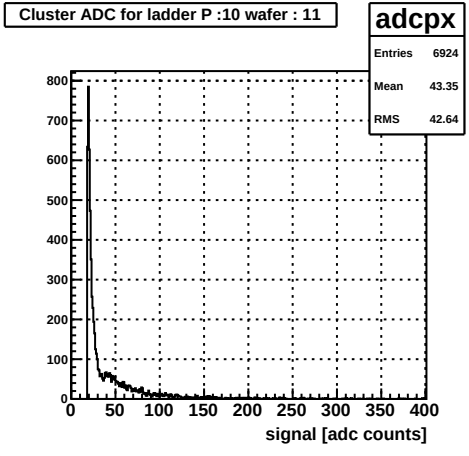

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12086
Mean 53.1
RMS 63.55
signal [adc counts]

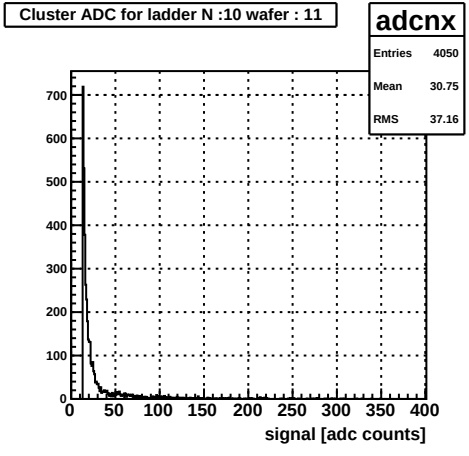

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 4975
Mean 21.25
RMS 26.89
signal [adc counts]

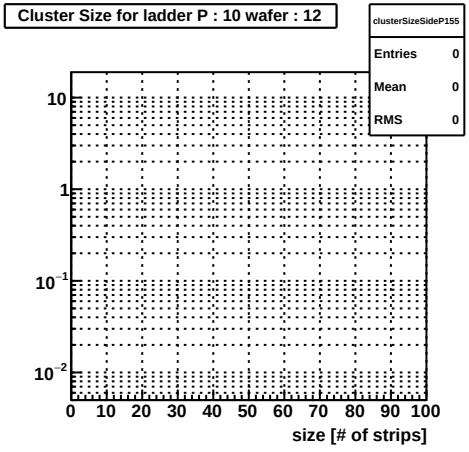

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6924
Mean 1.262
RMS 0.5728
size [# of strips]

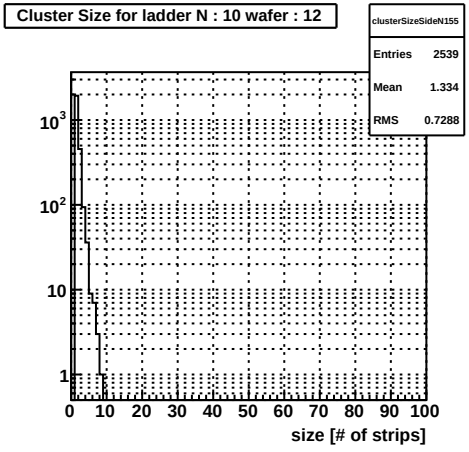

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4050
Mean 1.184
RMS 0.5405
size [# of strips]

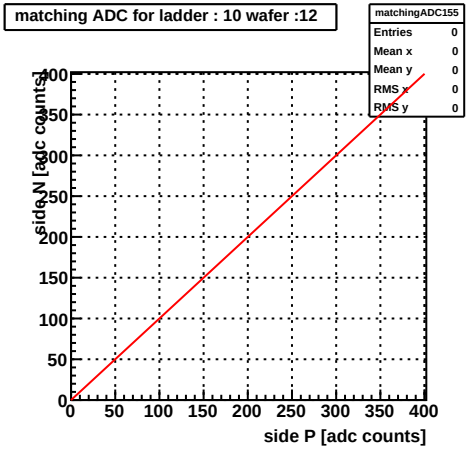

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1034
Mean x 58.46
Mean y 58.99
RMS x 49.91
RMS y 56.02
side N [adc counts]
side P [adc counts]

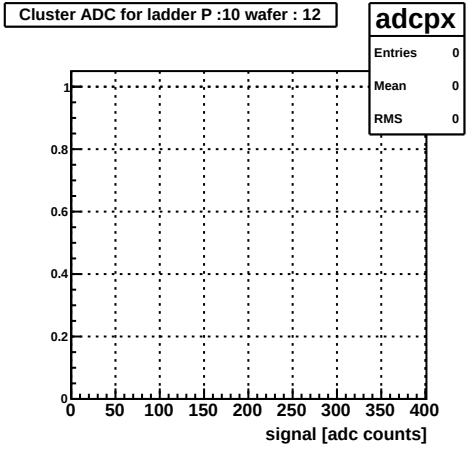

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6924
Mean 43.35
RMS 42.64
signal [adc counts]

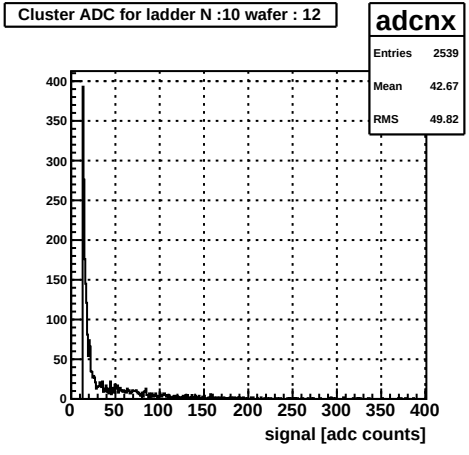

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4050
Mean 30.75
RMS 37.16
signal [adc counts]

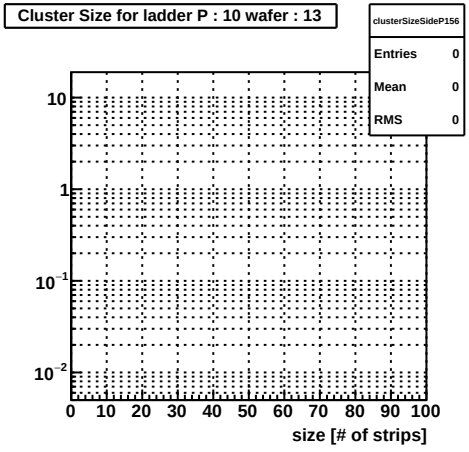

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

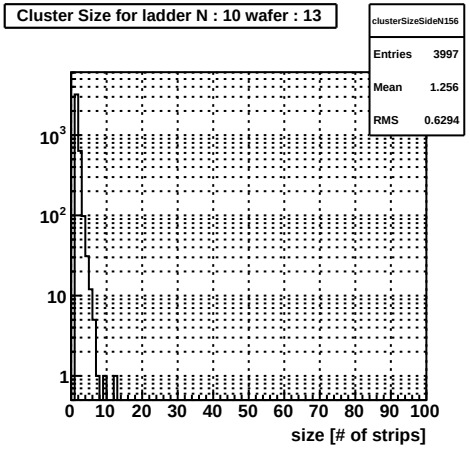

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2539
Mean 1.334
RMS 0.7288
size [# of strips]

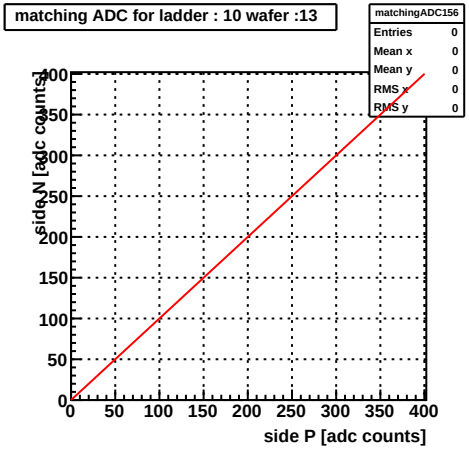

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

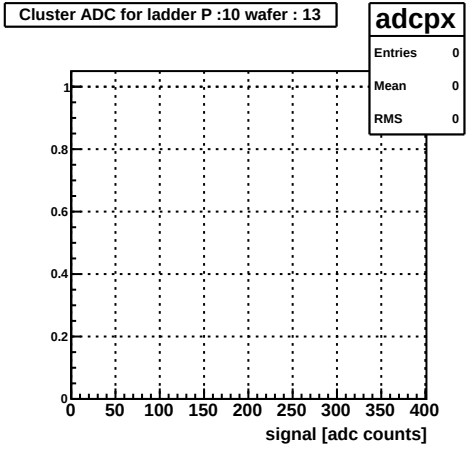

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

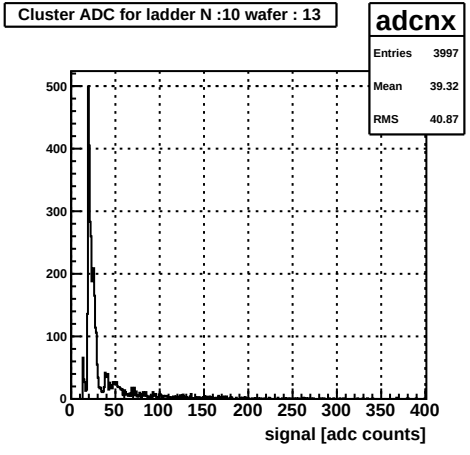

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2539
Mean 42.67
RMS 49.82
signal [adc counts]

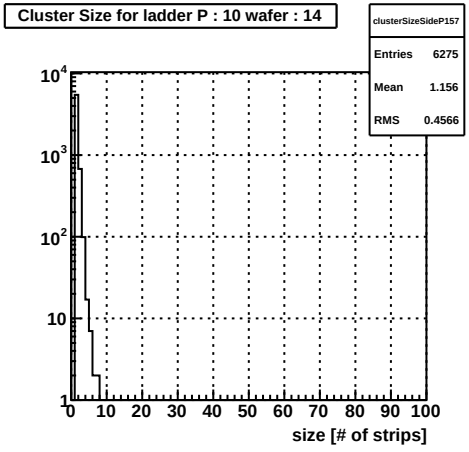

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

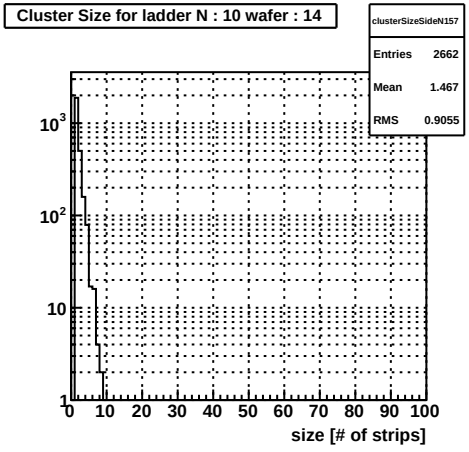

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 3997
Mean 1.256
RMS 0.6294
size [# of strips]

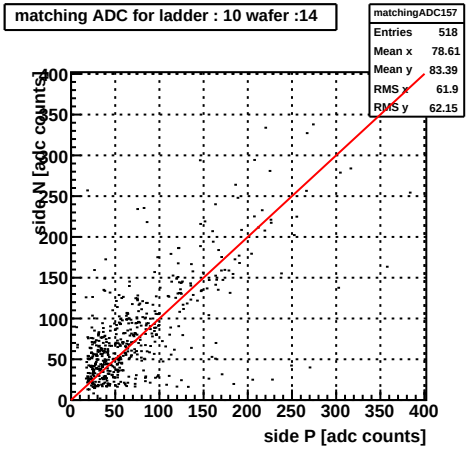

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

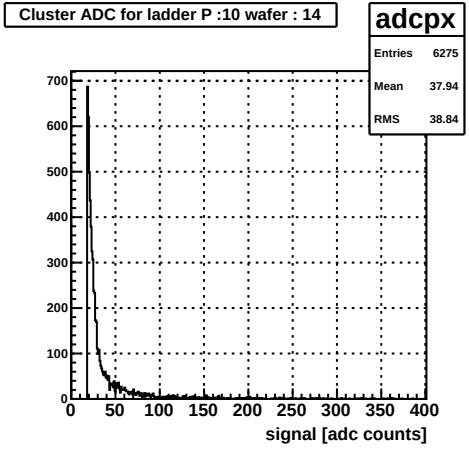

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

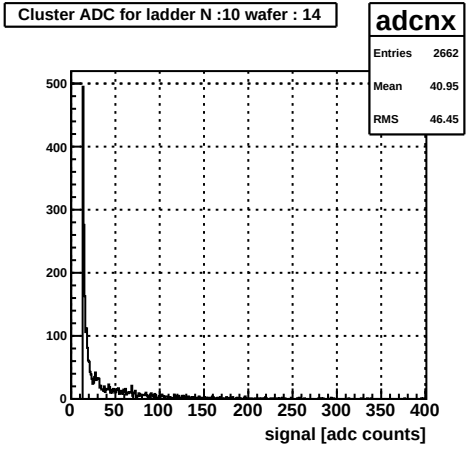

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 3997
Mean 39.32
RMS 40.87
signal [adc counts]

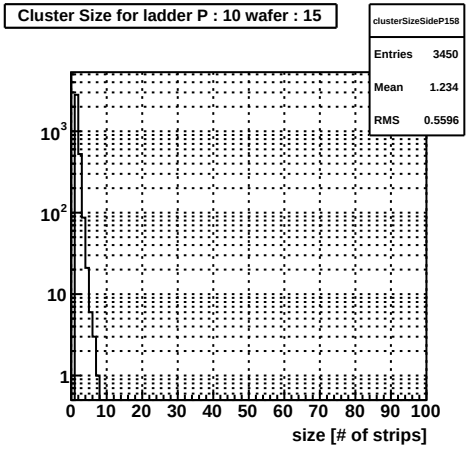

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6275
Mean 1.156
RMS 0.4566
size [# of strips]

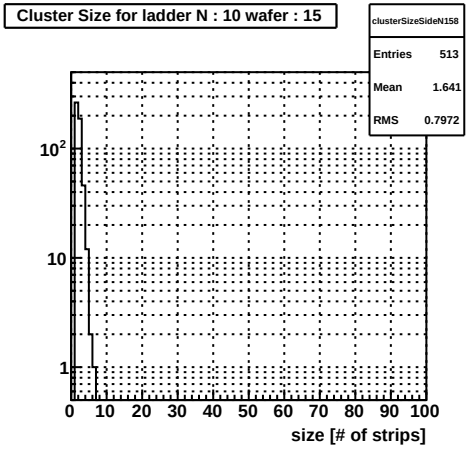

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2662
Mean 1.467
RMS 0.9055
size [# of strips]

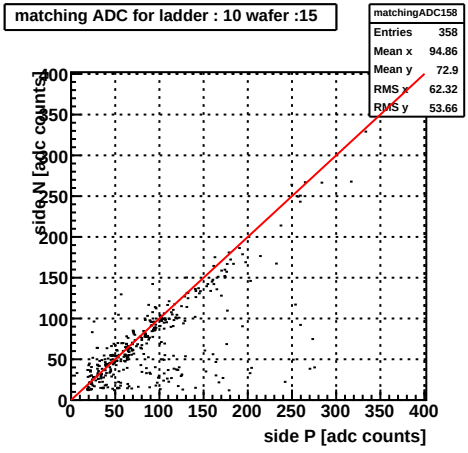

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 518
Mean x 78.61
Mean y 83.39
RMS x 61.9
RMS y 62.15
side N [adc counts]
side P [adc counts]

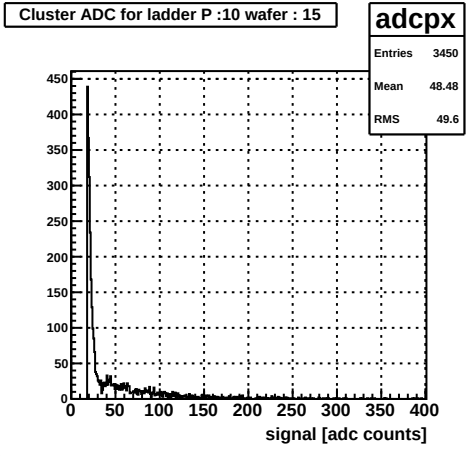

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6275
Mean 37.94
RMS 38.84
signal [adc counts]

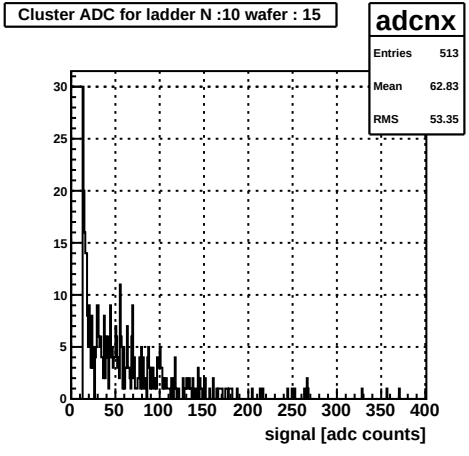

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2662
Mean 40.95
RMS 46.45
signal [adc counts]

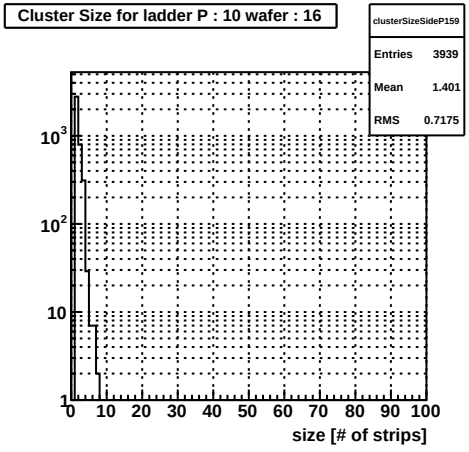

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3450
Mean 1.234
RMS 0.5596
size [# of strips]

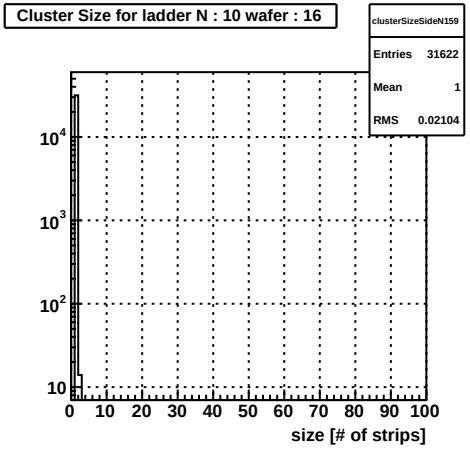

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 513
Mean 1.641
RMS 0.7972
size [# of strips]

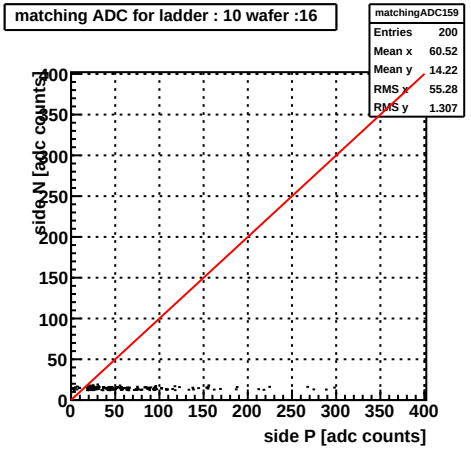

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 358
Mean x 94.86
Mean y 72.9
RMS x 62.32
RMS y 53.66
side N [adc counts]
side P [adc counts]

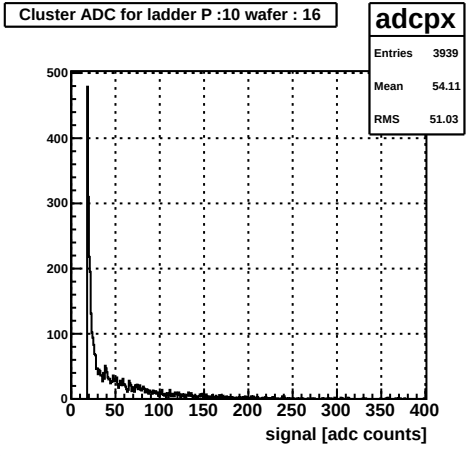

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3450
Mean 48.48
RMS 49.6
signal [adc counts]

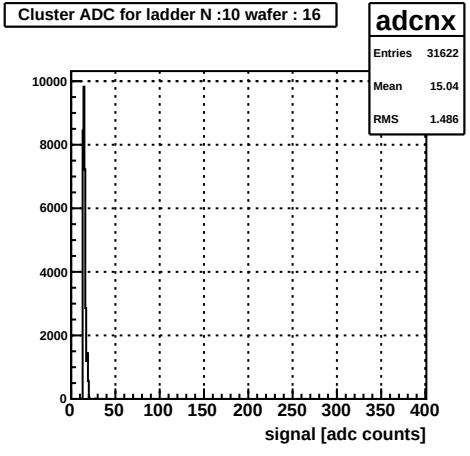

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 513
Mean 62.83
RMS 53.35
signal [adc counts]

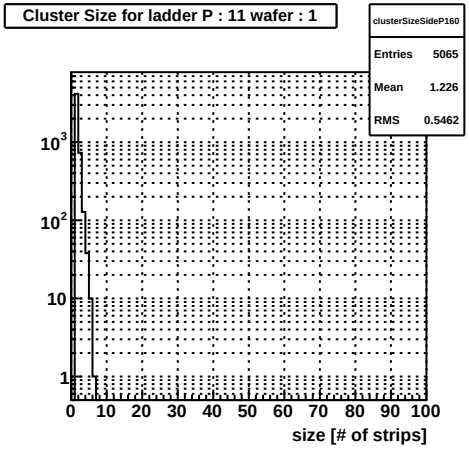

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3939
Mean 1.401
RMS 0.7175
size [# of strips]

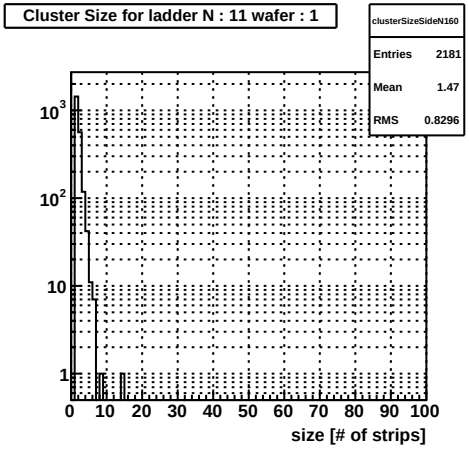

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 31622
Mean 1
RMS 0.02104
size [# of strips]

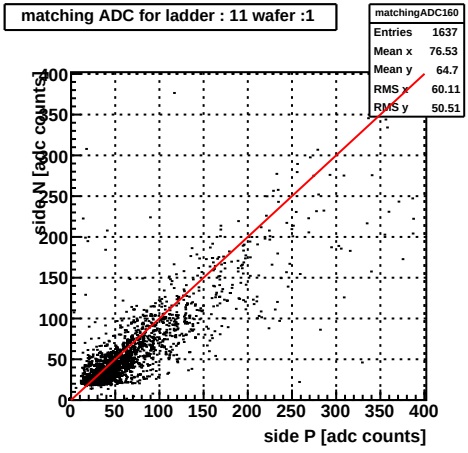

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 200
Mean x 60.52
Mean y 14.22
RMS x 55.28
RMS y 1.307
side N [adc counts]
side P [adc counts]

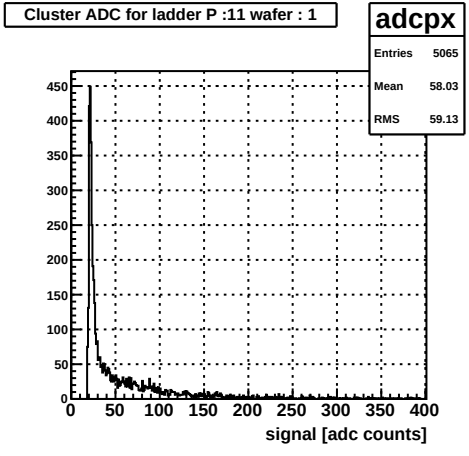

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3939
Mean 54.11
RMS 51.03
signal [adc counts]

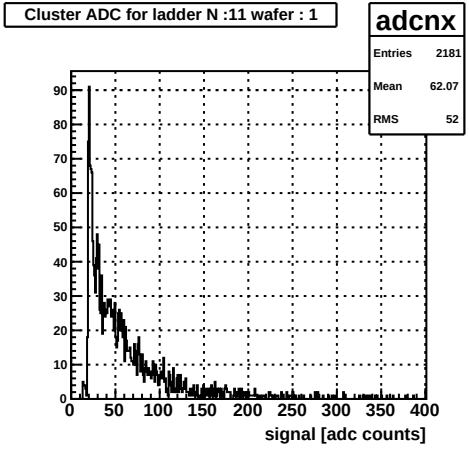

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 31622
Mean 15.04
RMS 1.486
signal [adc counts]

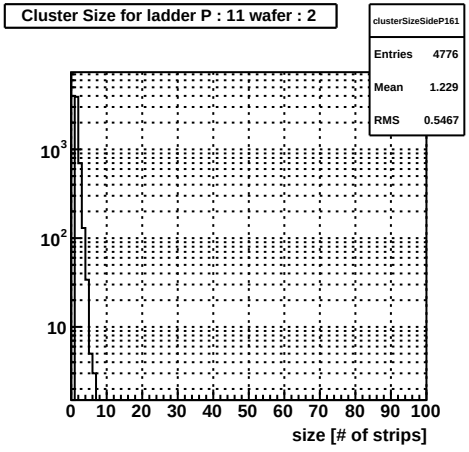

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 5065
Mean 1.226
RMS 0.5462
size [# of strips]

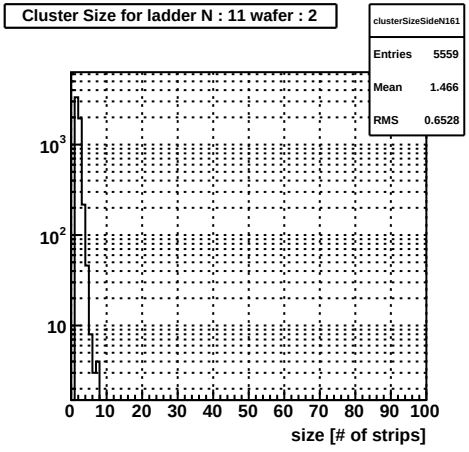

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2181
Mean 1.47
RMS 0.8296
size [# of strips]

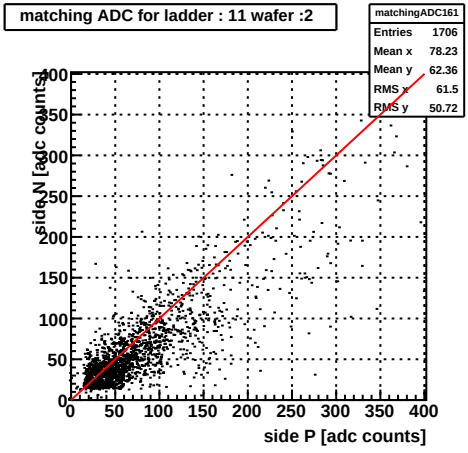

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1637
Mean x 76.53
Mean y 64.7
RMS x 60.11
RMS y 50.51
side N [adc counts]
side P [adc counts]

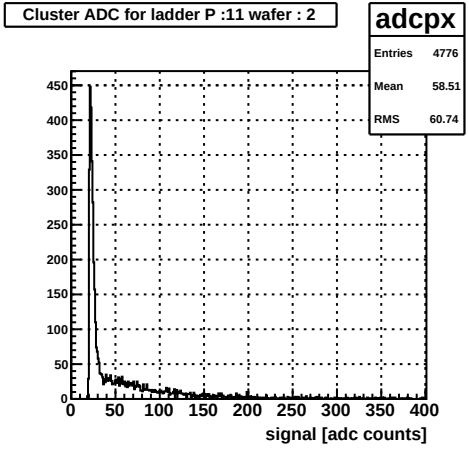

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 5065
Mean 58.03
RMS 59.13
signal [adc counts]

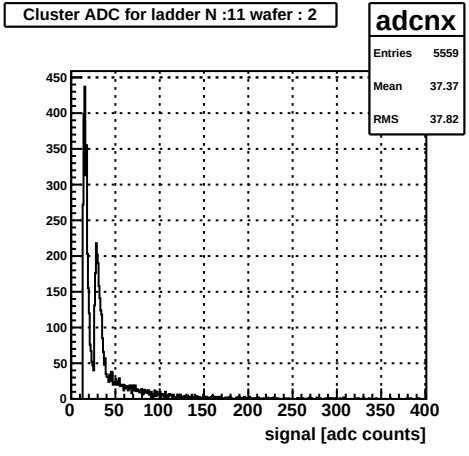

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2181
Mean 62.07
RMS 52
signal [adc counts]

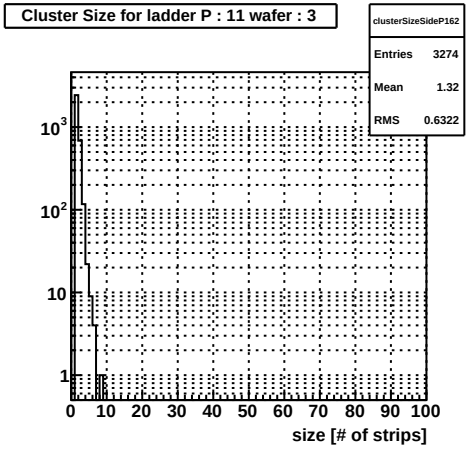

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4776
Mean 1.229
RMS 0.5467
size [# of strips]

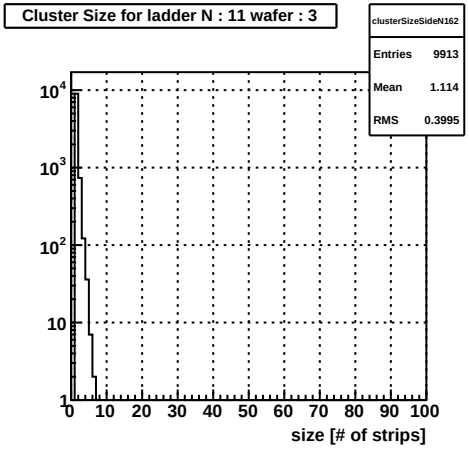

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5559
Mean 1.466
RMS 0.6528
size [# of strips]

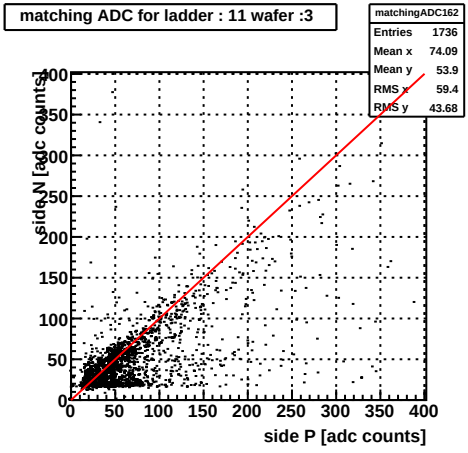

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1706
Mean x 78.23
Mean y 62.36
RMS x 61.5
RMS y 50.72
side N [adc counts]
side P [adc counts]

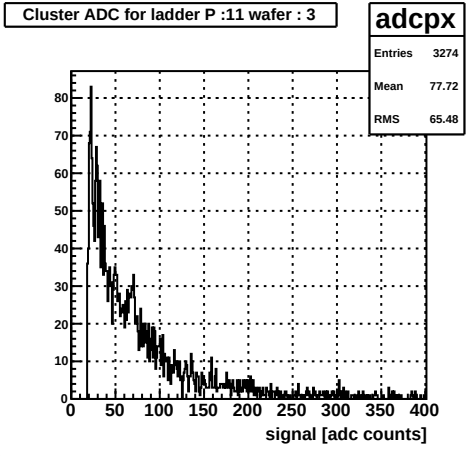

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4776
Mean 58.51
RMS 60.74
signal [adc counts]

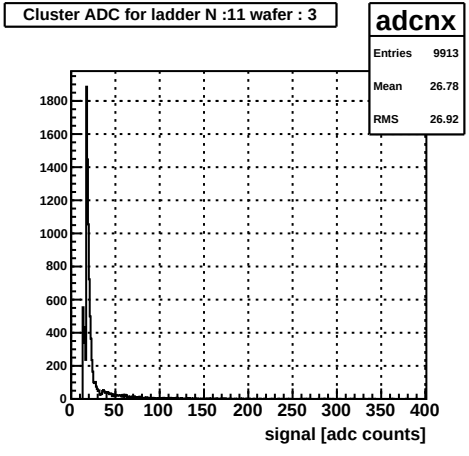

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5559
Mean 37.37
RMS 37.82
signal [adc counts]

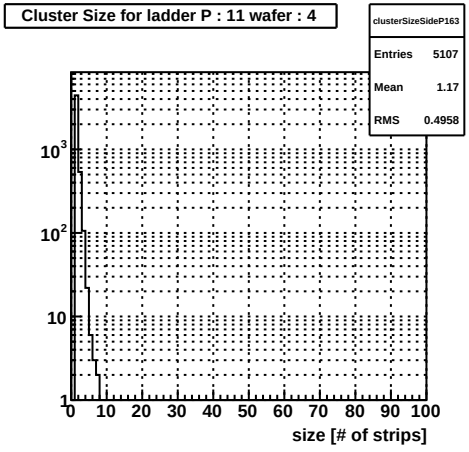

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 3274
Mean 1.32
RMS 0.6322
size [# of strips]

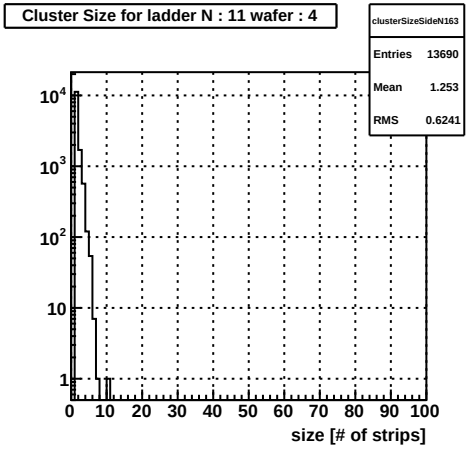

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 9913
Mean 1.114
RMS 0.3995
size [# of strips]

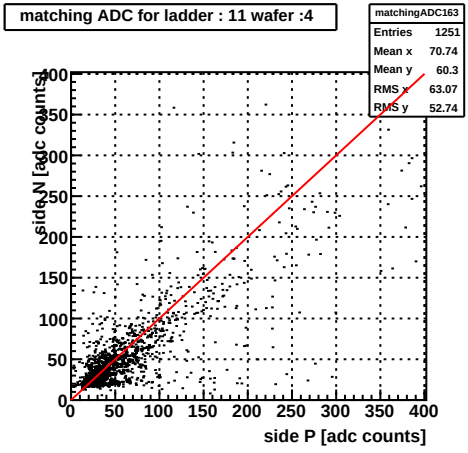

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1736
Mean x 74.09
Mean y 53.9
RMS x 59.4
RMS y 43.68
side N [adc counts]
side P [adc counts]

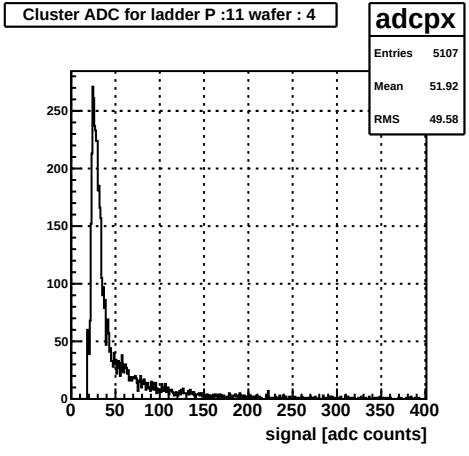

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 3274
Mean 77.72
RMS 65.48
signal [adc counts]

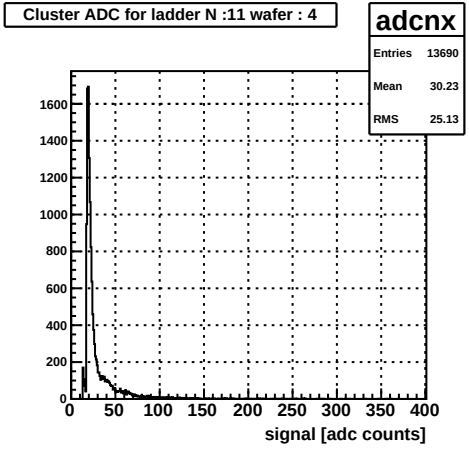

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 9913
Mean 26.78
RMS 26.92
signal [adc counts]

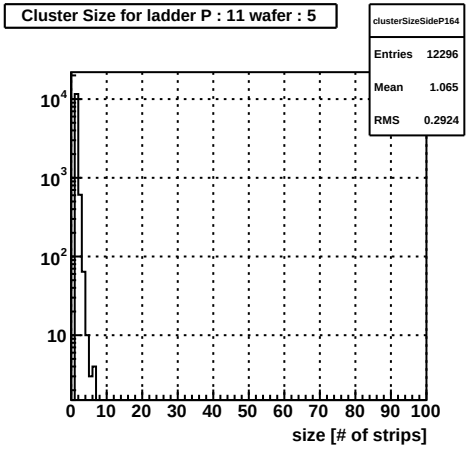

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 5107
Mean 1.17
RMS 0.4958
size [# of strips]

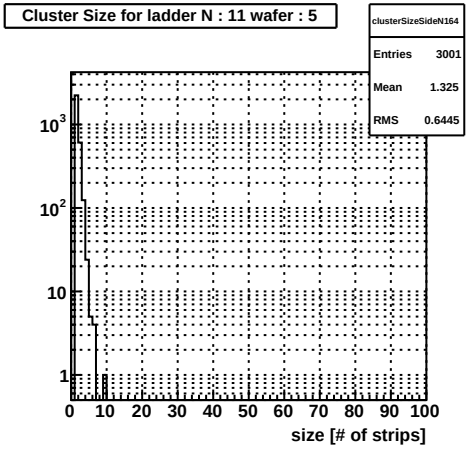

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 13690
Mean 1.253
RMS 0.6241
size [# of strips]

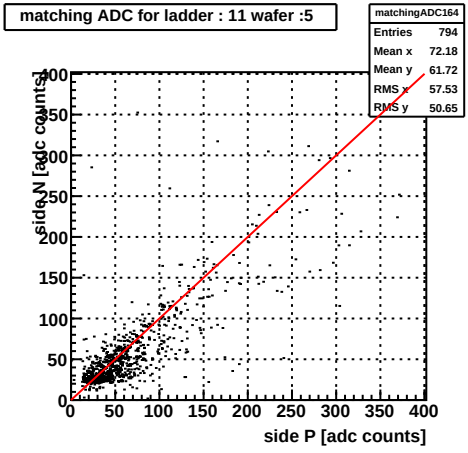

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1251
Mean x 70.74
Mean y 60.3
RMS x 63.07
RMS y 52.74
side N [adc counts]
side P [adc counts]

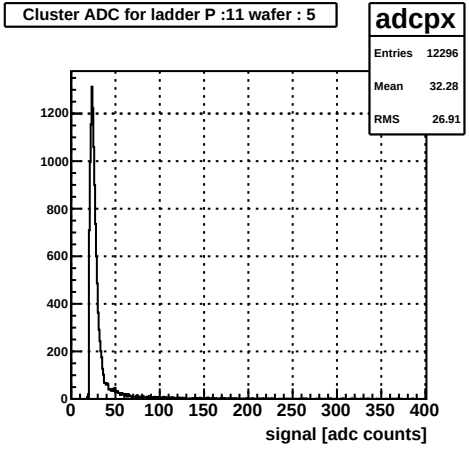

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 5107
Mean 51.92
RMS 49.58
signal [adc counts]

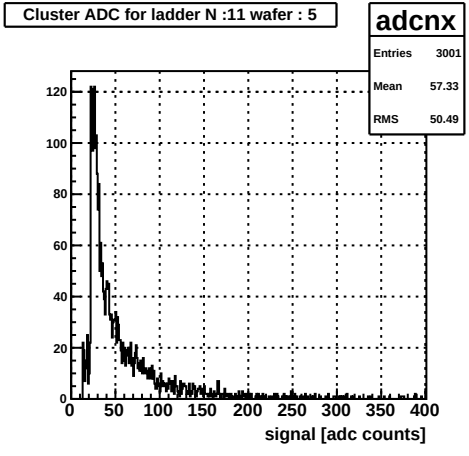

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 13690
Mean 30.23
RMS 25.13
signal [adc counts]

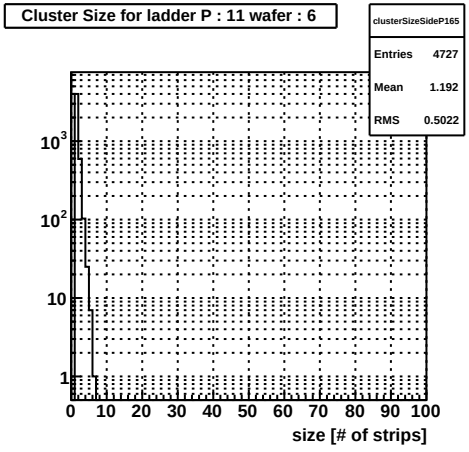

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12296
Mean 1.065
RMS 0.2924
size [# of strips]

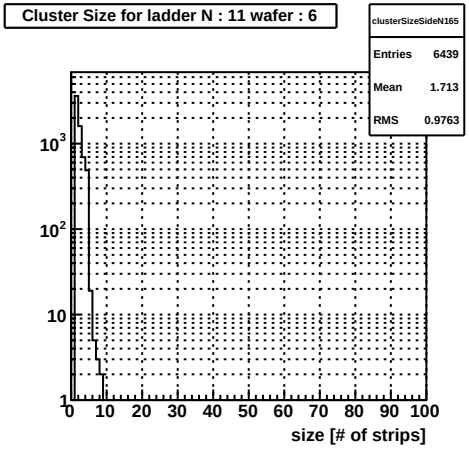

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 3001
Mean 1.325
RMS 0.6445
size [# of strips]

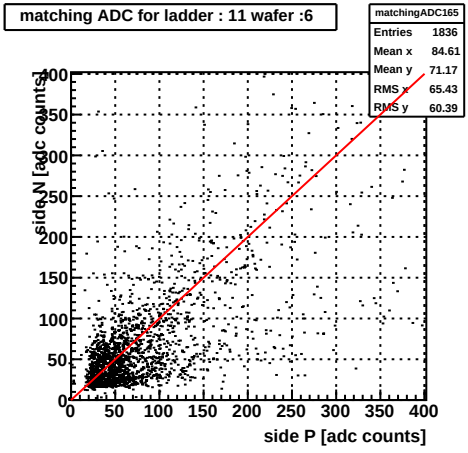

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 794
Mean x 72.18
Mean y 61.72
RMS x 57.53
RMS y 50.65
side N [adc counts]
side P [adc counts]

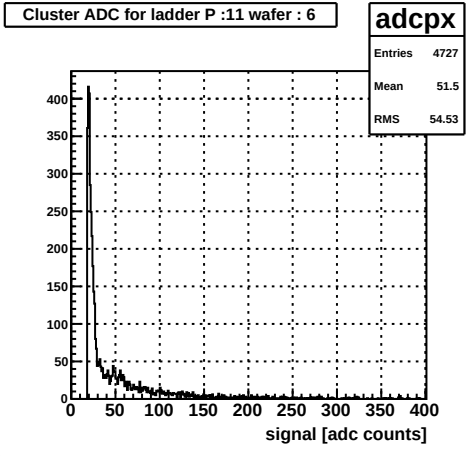

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12296
Mean 32.28
RMS 26.91
signal [adc counts]

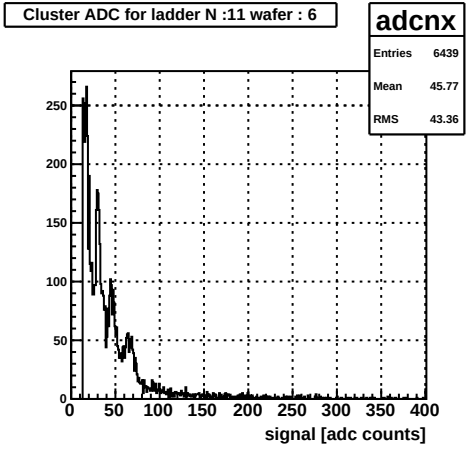

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 3001
Mean 57.33
RMS 50.49
signal [adc counts]

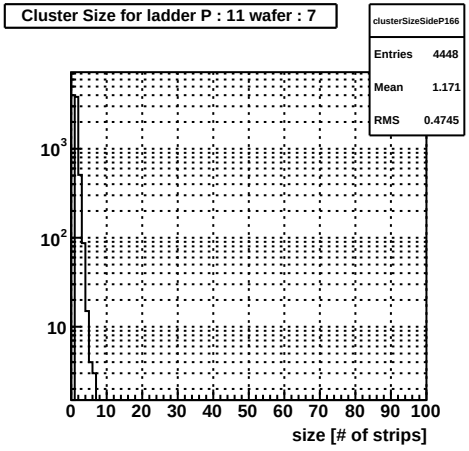

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4727
Mean 1.192
RMS 0.5022
size [# of strips]

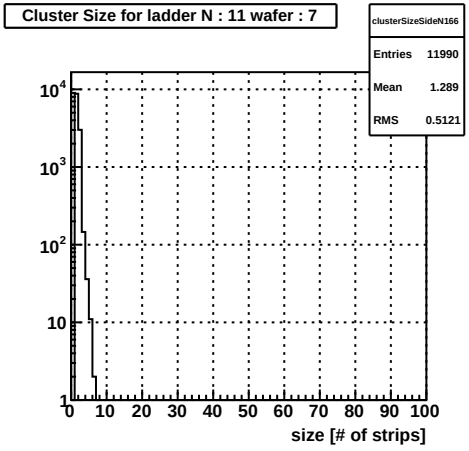

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6439
Mean 1.713
RMS 0.9763
size [# of strips]

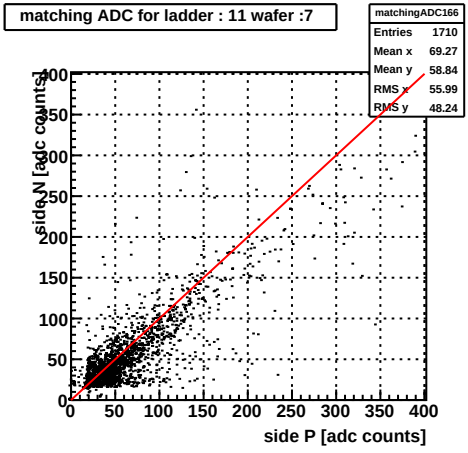

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1836
Mean x 84.61
Mean y 71.17
RMS x 65.43
RMS y 60.39
side N [adc counts]
side P [adc counts]

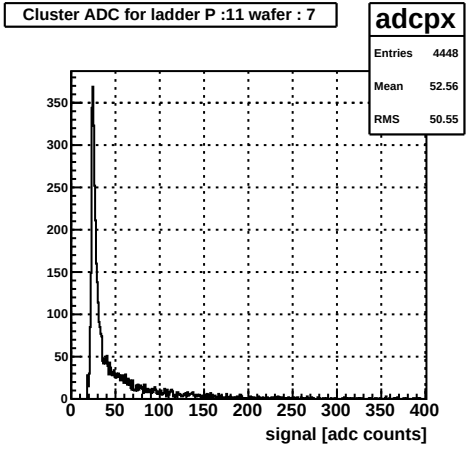

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4727
Mean 51.5
RMS 54.53
signal [adc counts]

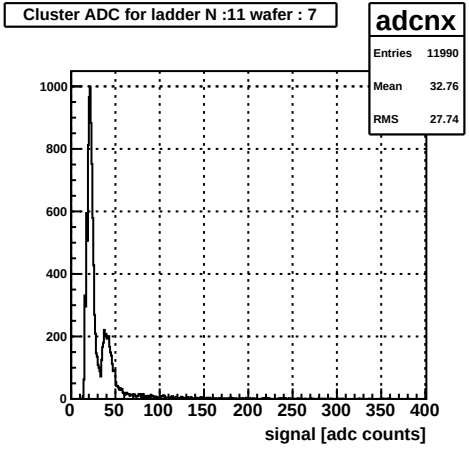

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6439
Mean 45.77
RMS 43.36
signal [adc counts]

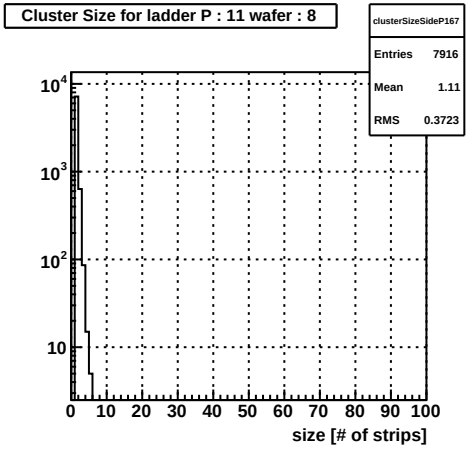

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4448
Mean 1.171
RMS 0.4745
size [# of strips]

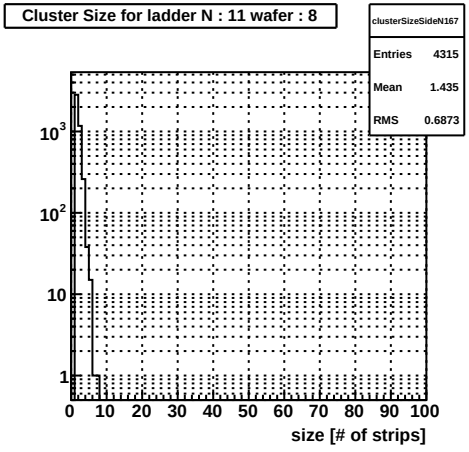

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11990
Mean 1.289
RMS 0.5121
size [# of strips]

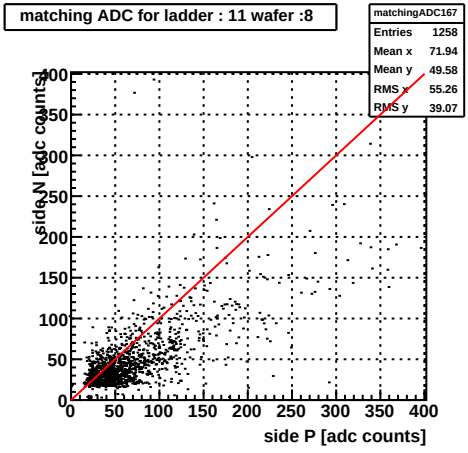

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1710
Mean x 69.27
Mean y 58.84
RMS x 55.99
RMS y 48.24
side N [adc counts]
side P [adc counts]

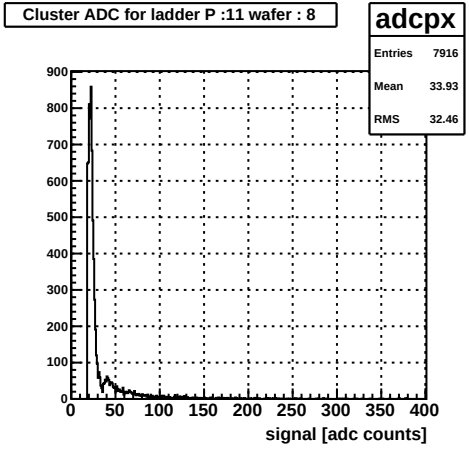

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4448
Mean 52.56
RMS 50.55
signal [adc counts]

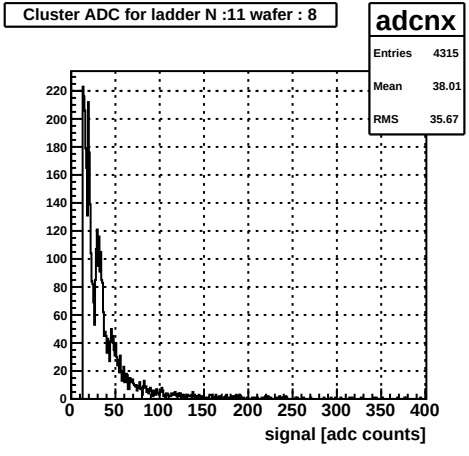

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11990
Mean 32.76
RMS 27.74
signal [adc counts]

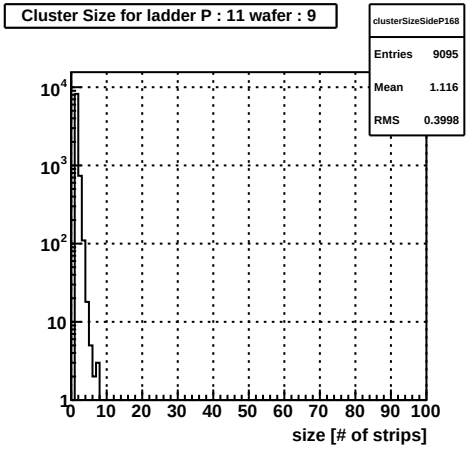

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7916
Mean 1.11
RMS 0.3723
size [# of strips]

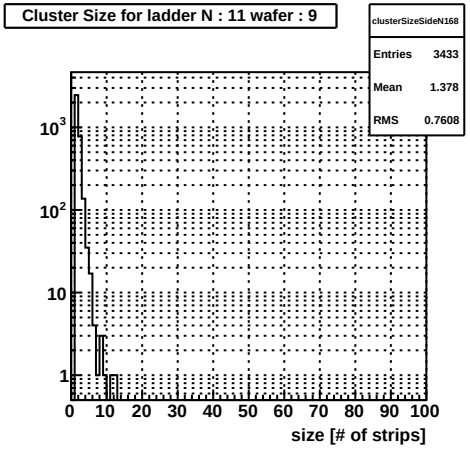

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 4315
Mean 1.435
RMS 0.6873
size [# of strips]

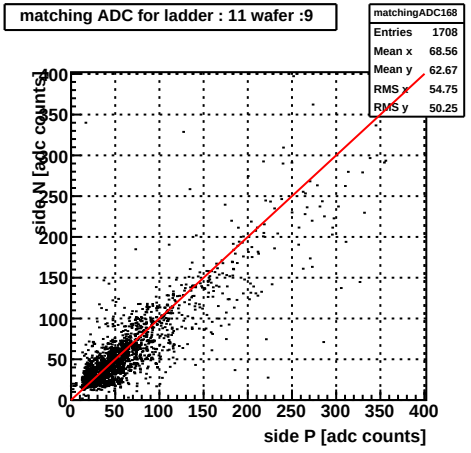

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1258
Mean x 71.94
Mean y 49.58
RMS x 55.26
RMS y 39.07
side N [adc counts]
side P [adc counts]

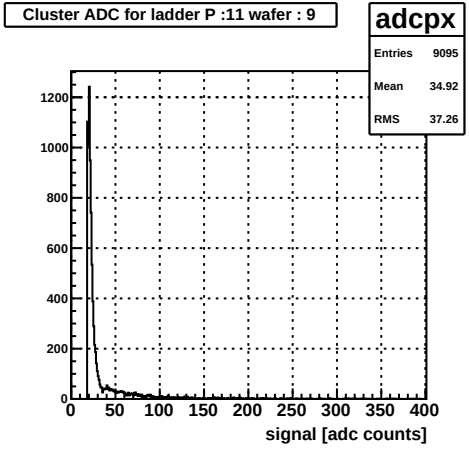

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7916
Mean 33.93
RMS 32.46
signal [adc counts]

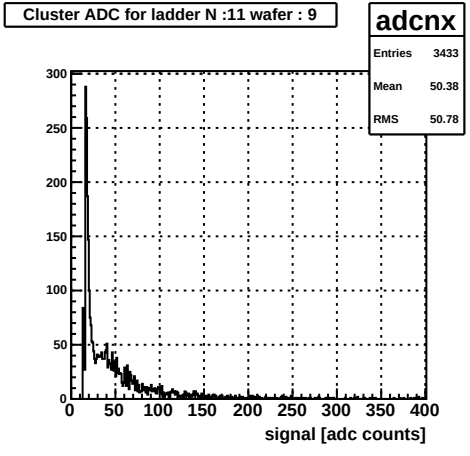

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 4315
Mean 38.01
RMS 35.67
signal [adc counts]

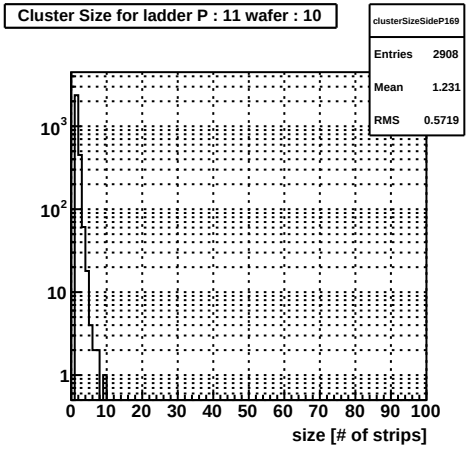

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 9095
Mean 1.116
RMS 0.3998
size [# of strips]

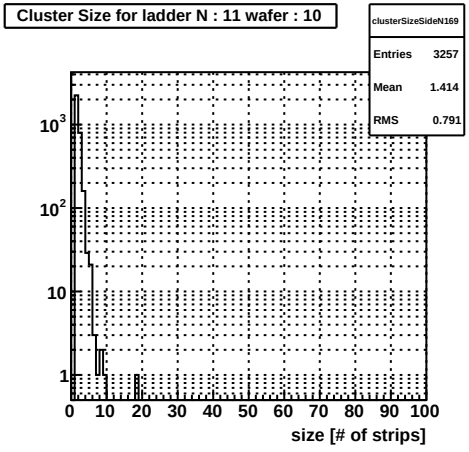

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3433
Mean 1.378
RMS 0.7608
size [# of strips]

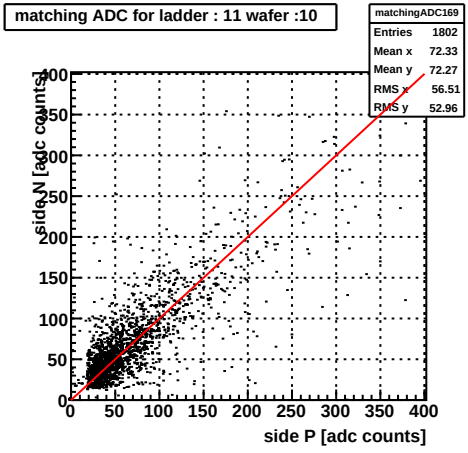

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1708
Mean x 68.56
Mean y 62.67
RMS x 54.75
RMS y 50.25
side N [adc counts]
side P [adc counts]

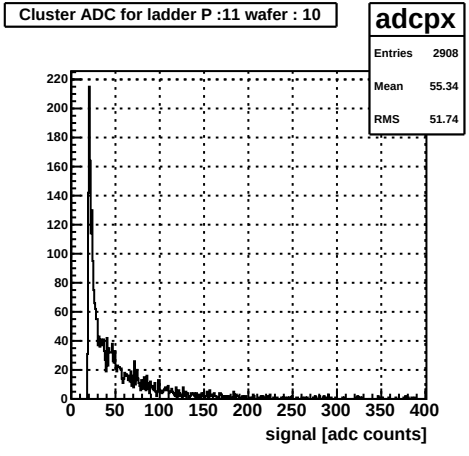

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 9095
Mean 34.92
RMS 37.26
signal [adc counts]

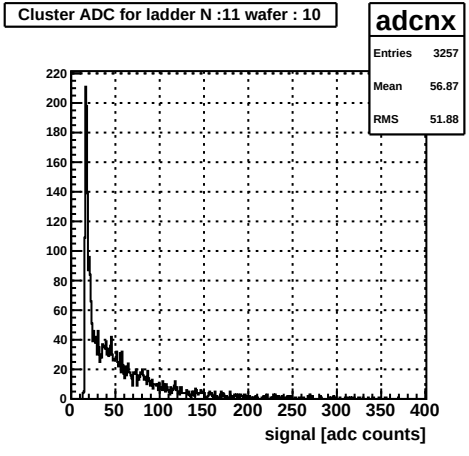

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3433
Mean 50.38
RMS 50.78
signal [adc counts]

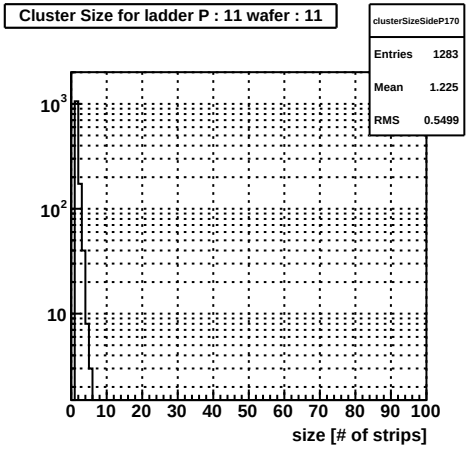

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2908
Mean 1.231
RMS 0.5719
size [# of strips]

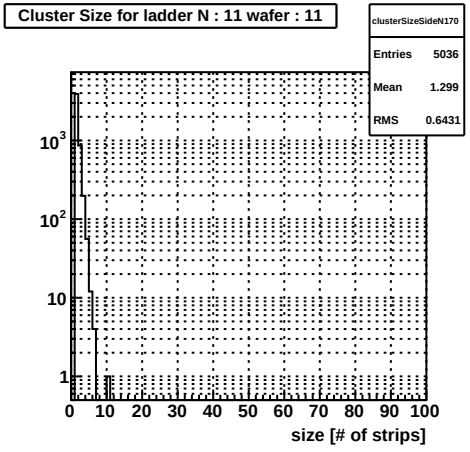

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3257
Mean 1.414
RMS 0.791
size [# of strips]

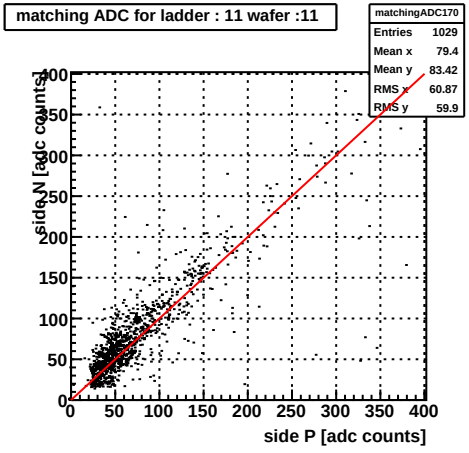

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1802
Mean x 72.33
Mean y 72.27
RMS x 56.51
RMS y 52.96
side N [adc counts]
side P [adc counts]

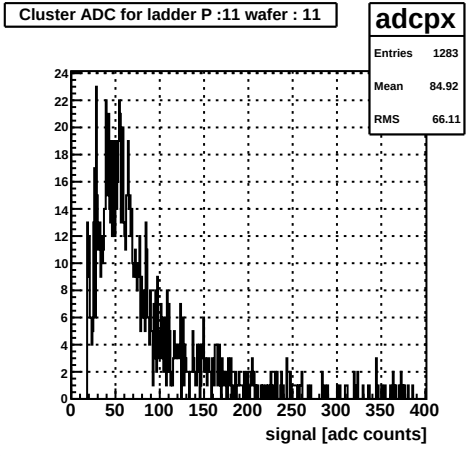

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2908
Mean 55.34
RMS 51.74
signal [adc counts]

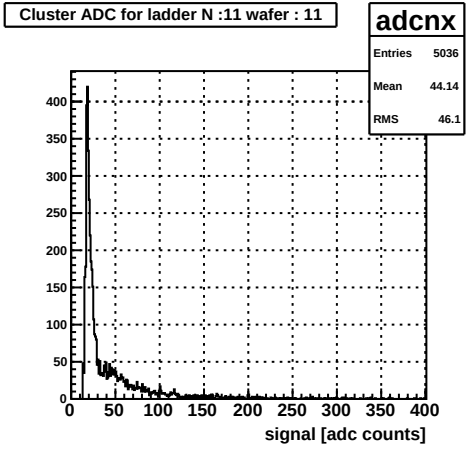

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3257
Mean 56.87
RMS 51.88
signal [adc counts]

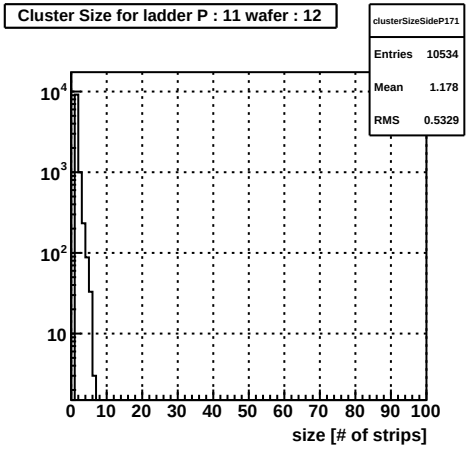

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1283
Mean 1.225
RMS 0.5499
size [# of strips]

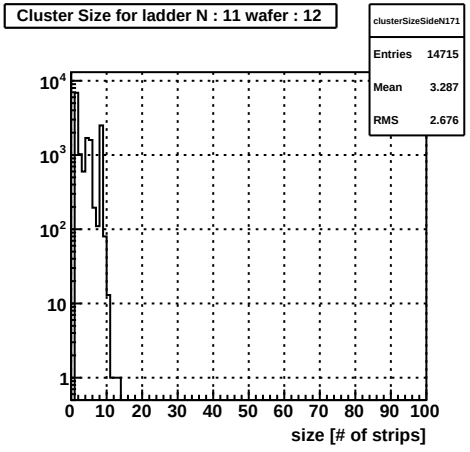

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 5036
Mean 1.299
RMS 0.6431
size [# of strips]

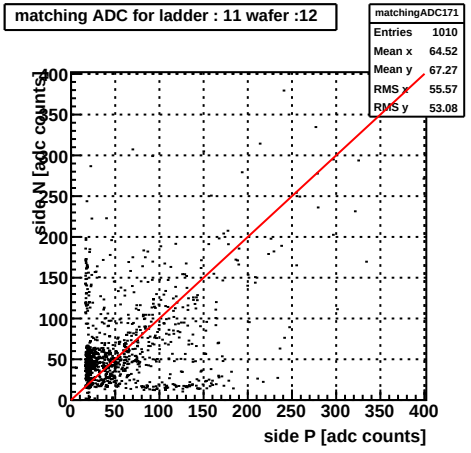

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1029
Mean x 79.4
Mean y 83.42
RMS x 60.87
RMS y 59.9
side N [adc counts]
side P [adc counts]

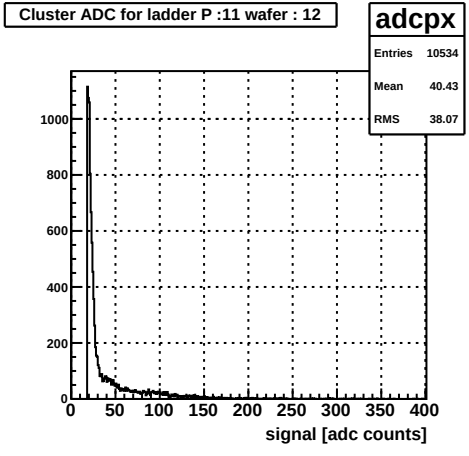

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1283
Mean 84.92
RMS 66.11
signal [adc counts]

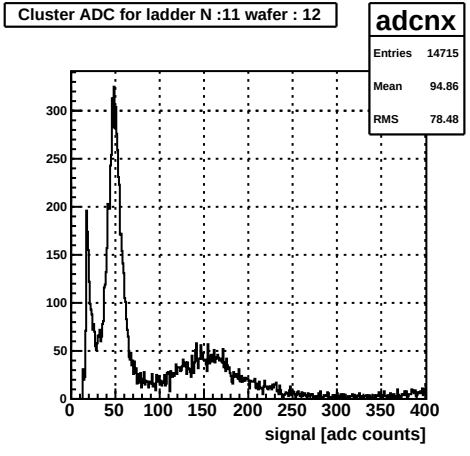

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 5036
Mean 44.14
RMS 46.1
signal [adc counts]

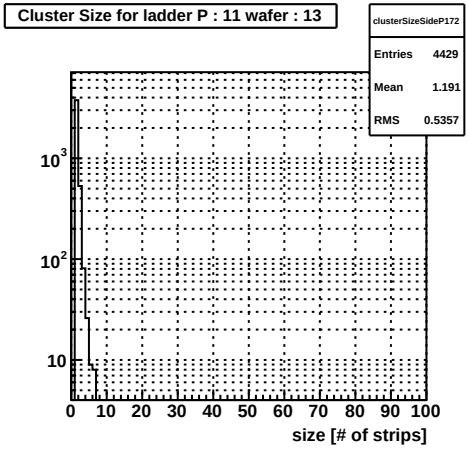

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10534
Mean 1.178
RMS 0.5329
size [# of strips]

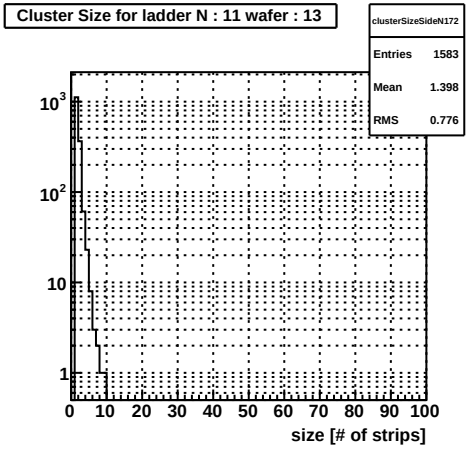

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 14715
Mean 3.287
RMS 2.676
size [# of strips]

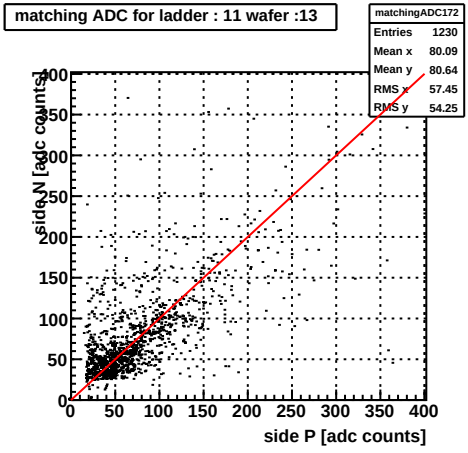

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1010
Mean x 64.52
Mean y 67.27
RMS x 55.57
RMS y 53.08
side N [adc counts]
side P [adc counts]

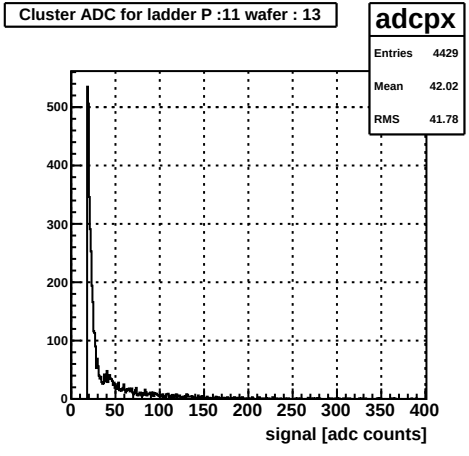

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10534
Mean 40.43
RMS 38.07
signal [adc counts]

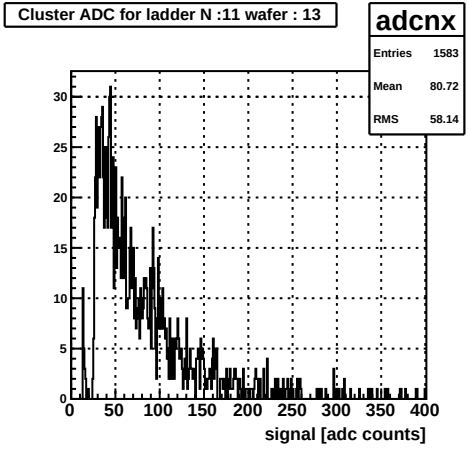

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 14715
Mean 94.86
RMS 78.48
signal [adc counts]

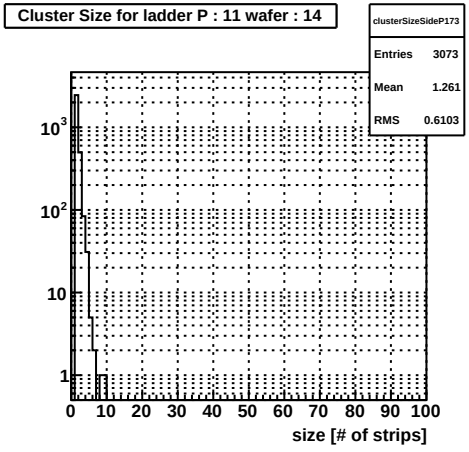

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4429
Mean 1.191
RMS 0.5357
size [# of strips]

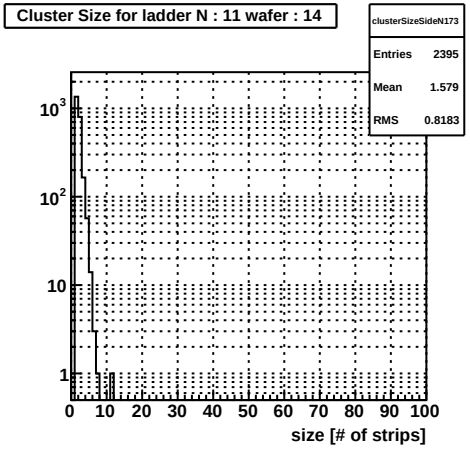

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1583
Mean 1.398
RMS 0.776
size [# of strips]

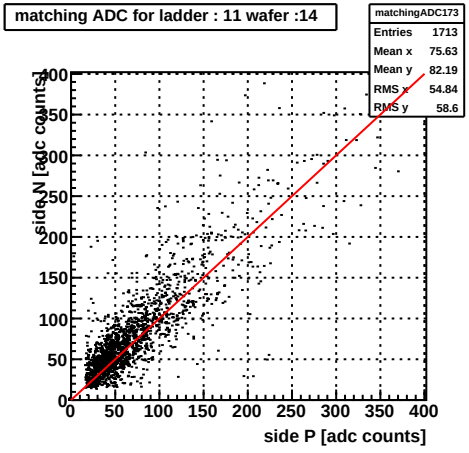

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1230
Mean x 80.09
Mean y 80.64
RMS x 57.45
RMS y 54.25
side N [adc counts]
side P [adc counts]

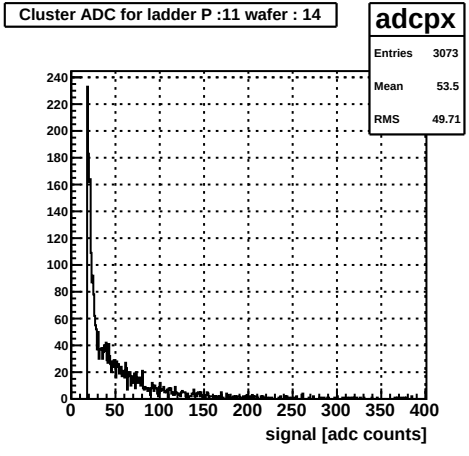

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4429
Mean 42.02
RMS 41.78
signal [adc counts]

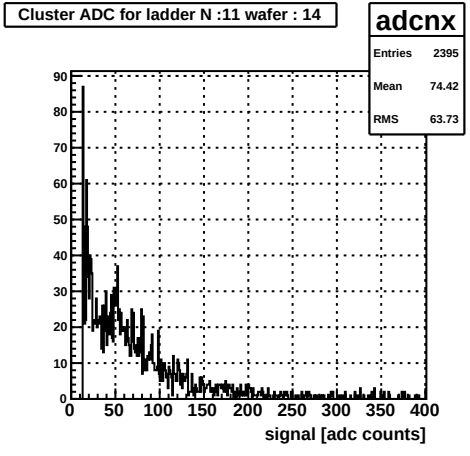

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1583
Mean 80.72
RMS 58.14
signal [adc counts]

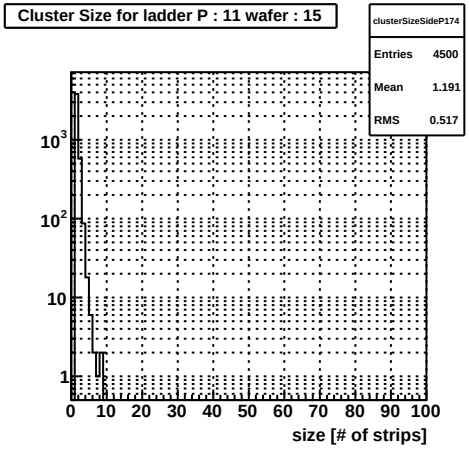

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3073
Mean 1.261
RMS 0.6103
size [# of strips]

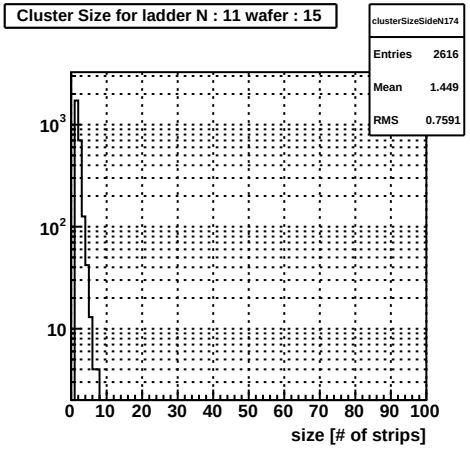

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2395
Mean 1.579
RMS 0.8183
size [# of strips]

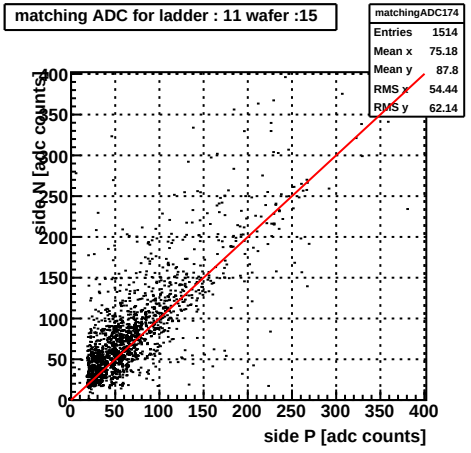

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1713
Mean x 75.63
Mean y 82.19
RMS x 54.84
RMS y 58.6
side N [adc counts]
side P [adc counts]

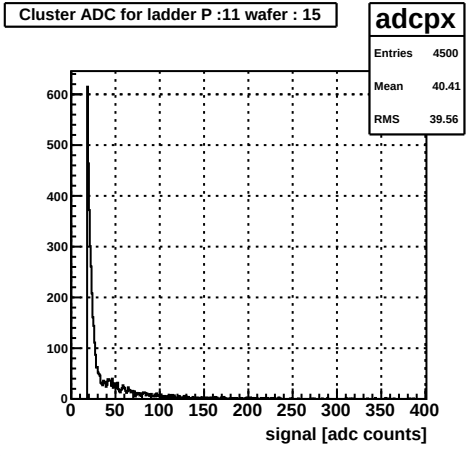

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3073
Mean 53.5
RMS 49.71
signal [adc counts]

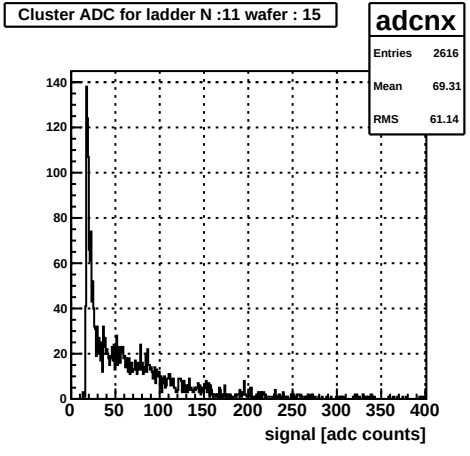

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2395
Mean 74.42
RMS 63.73
signal [adc counts]

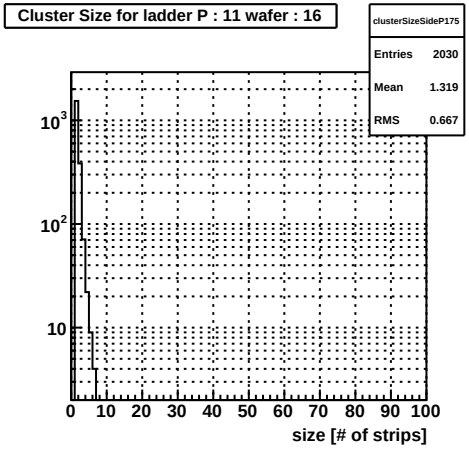

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4500
Mean 1.191
RMS 0.517
size [# of strips]

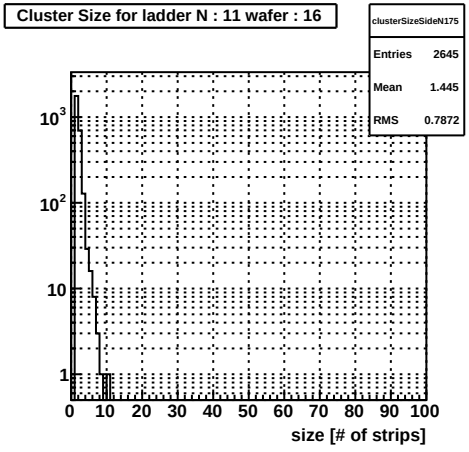

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2616
Mean 1.449
RMS 0.7591
size [# of strips]

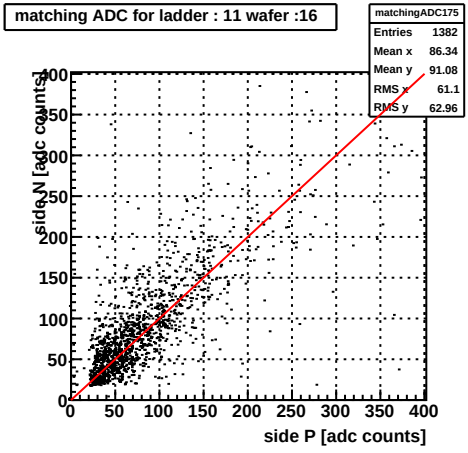

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1514
Mean x 75.18
Mean y 87.8
RMS x 54.44
RMS y 62.14
side N [adc counts]
side P [adc counts]

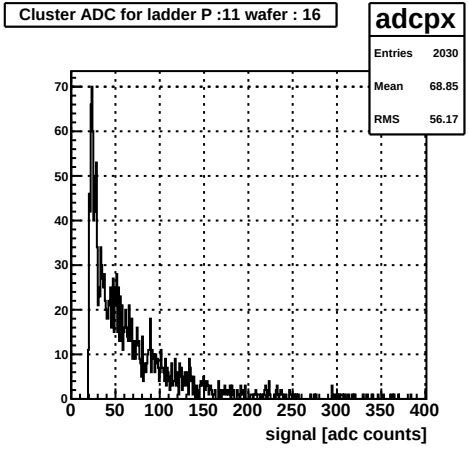

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4500
Mean 40.41
RMS 39.56
signal [adc counts]

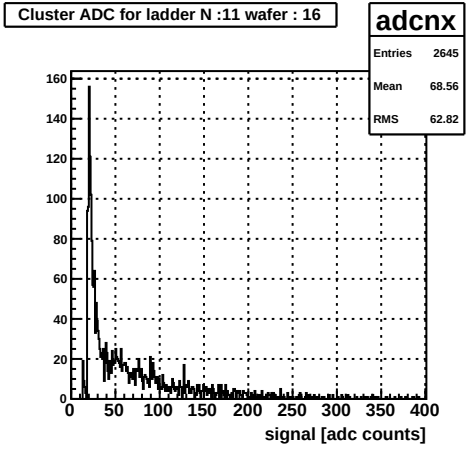

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2616
Mean 69.31
RMS 61.14
signal [adc counts]

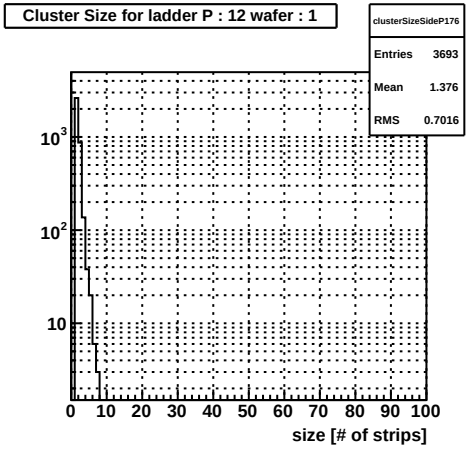

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 2030
Mean 1.319
RMS 0.667
size [# of strips]

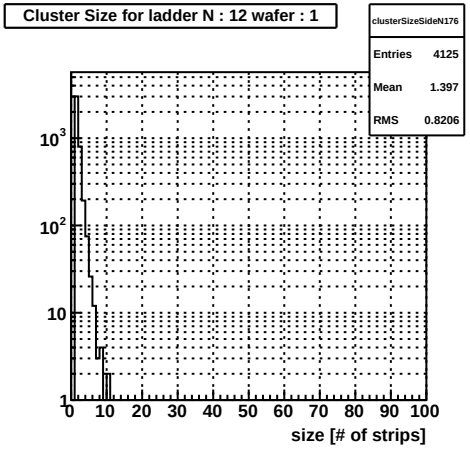

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2645
Mean 1.445
RMS 0.7872
size [# of strips]

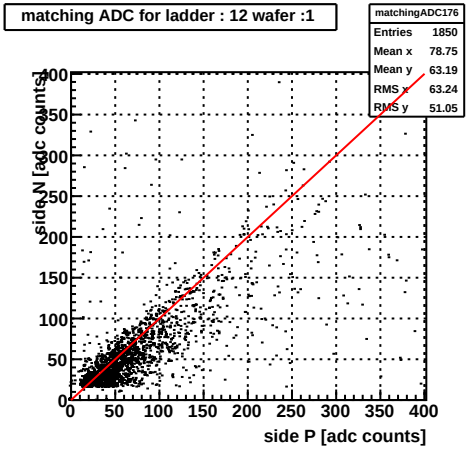

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1382
Mean x 86.34
Mean y 91.08
RMS x 61.1
RMS y 62.96
side N [adc counts]
side P [adc counts]

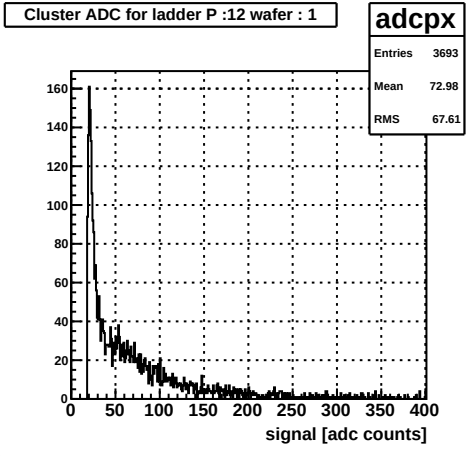

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 2030
Mean 68.85
RMS 56.17
signal [adc counts]

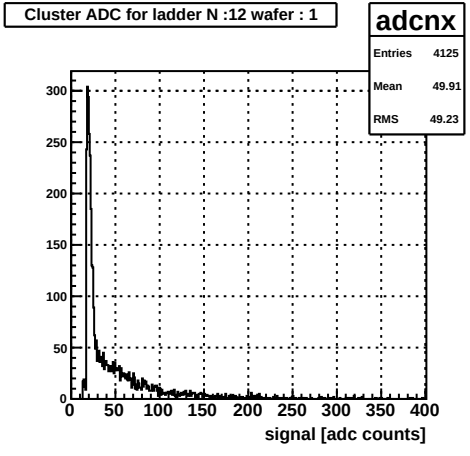

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2645
Mean 68.56
RMS 62.82
signal [adc counts]

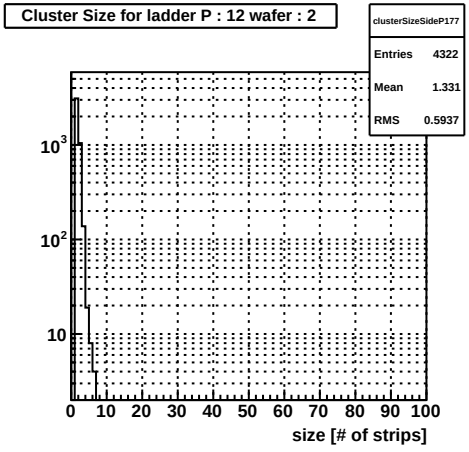

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3693
Mean 1.376
RMS 0.7016
size [# of strips]

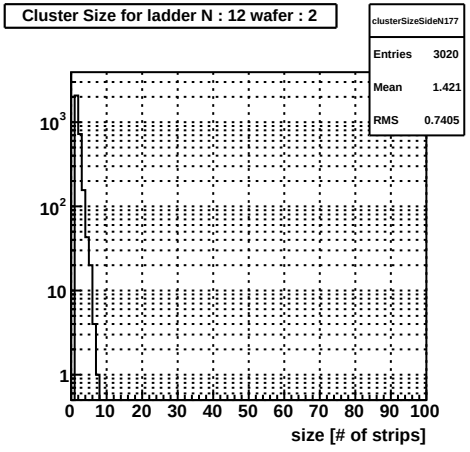

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 4125
Mean 1.397
RMS 0.8206
size [# of strips]

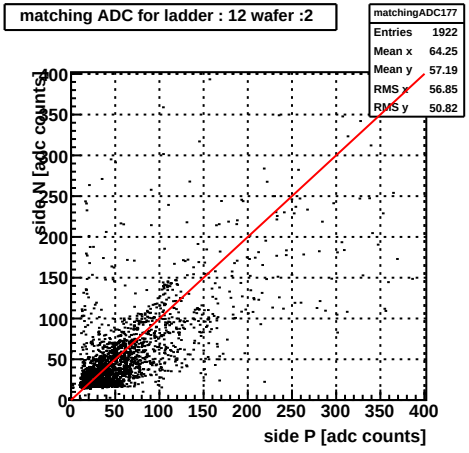

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1850
Mean x 78.75
Mean y 63.19
RMS x 63.24
RMS y 51.05
side N [adc counts]
side P [adc counts]

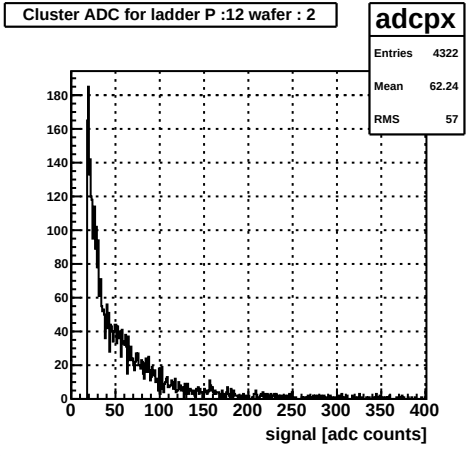

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3693
Mean 72.98
RMS 67.61
signal [adc counts]

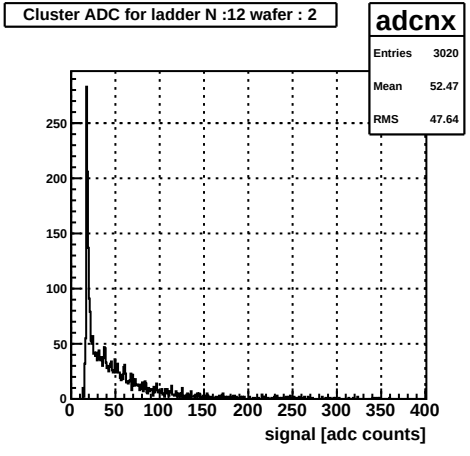

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 4125
Mean 49.91
RMS 49.23
signal [adc counts]

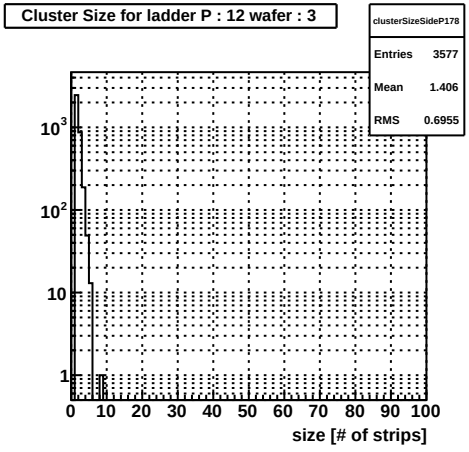

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4322
Mean 1.331
RMS 0.5937
size [# of strips]

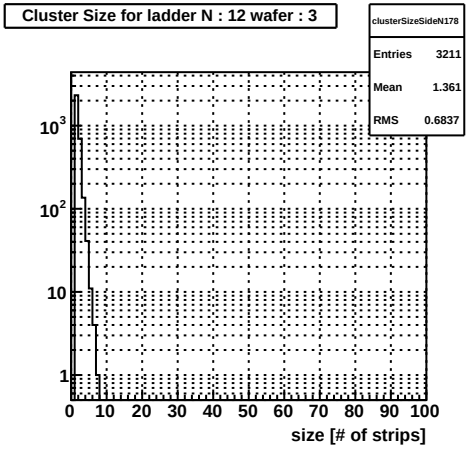

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 3020
Mean 1.421
RMS 0.7405
size [# of strips]

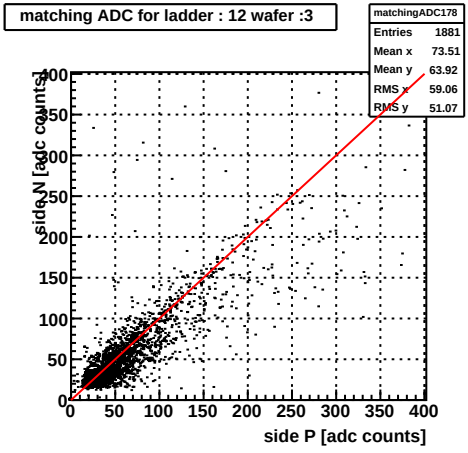

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1922
Mean x 64.25
Mean y 57.19
RMS x 56.85
RMS y 50.82
side N [adc counts]
side P [adc counts]

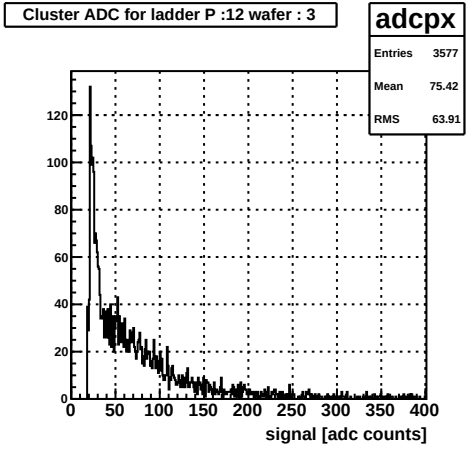

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4322
Mean 62.24
RMS 57
signal [adc counts]

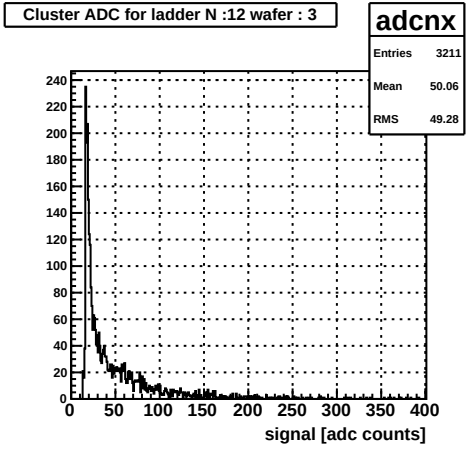

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 3020
Mean 52.47
RMS 47.64
signal [adc counts]

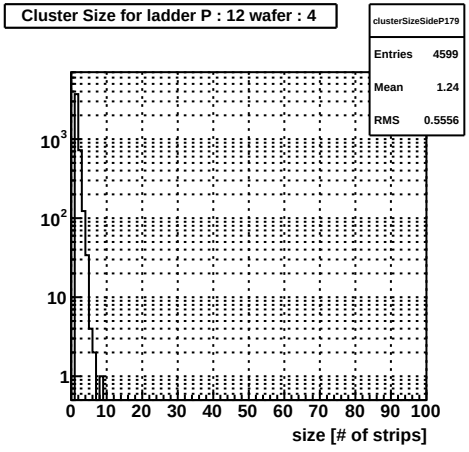

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3577
Mean 1.406
RMS 0.6955
size [# of strips]

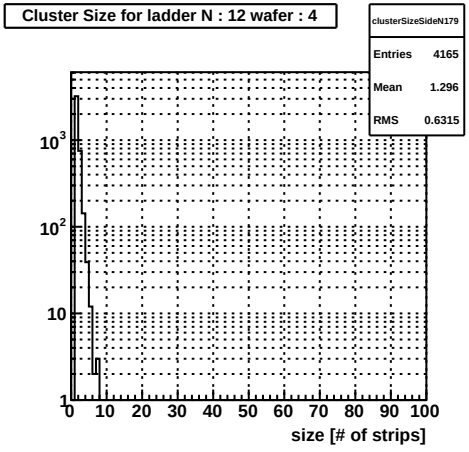

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3211
Mean 1.361
RMS 0.6837
size [# of strips]

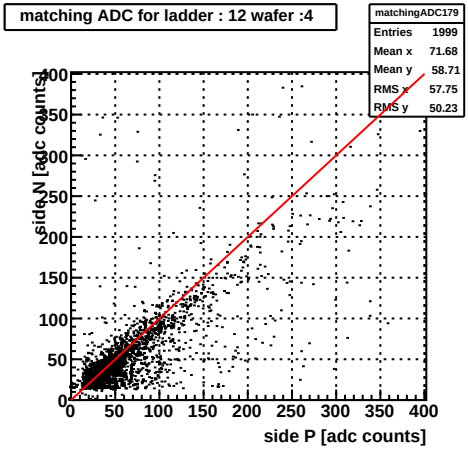

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1881
Mean x 73.51
Mean y 63.92
RMS x 59.06
RMS y 51.07
side N [adc counts]
side P [adc counts]

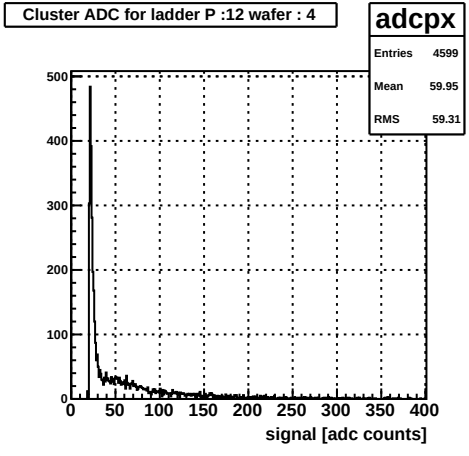

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3577
Mean 75.42
RMS 63.91
signal [adc counts]

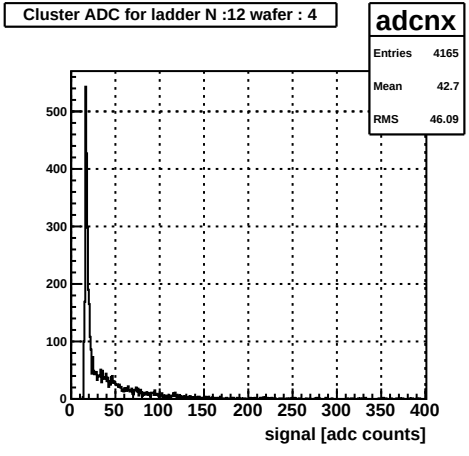

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3211
Mean 50.06
RMS 49.28
signal [adc counts]

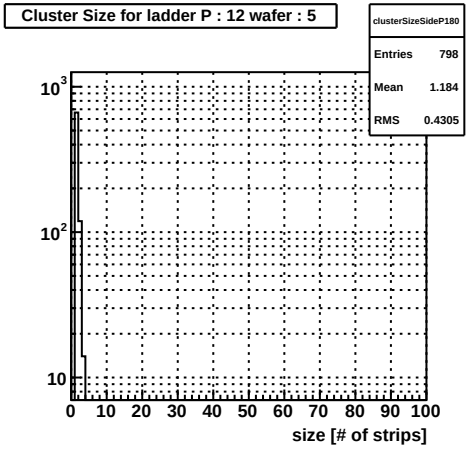

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4599
Mean 1.24
RMS 0.5556
size [# of strips]

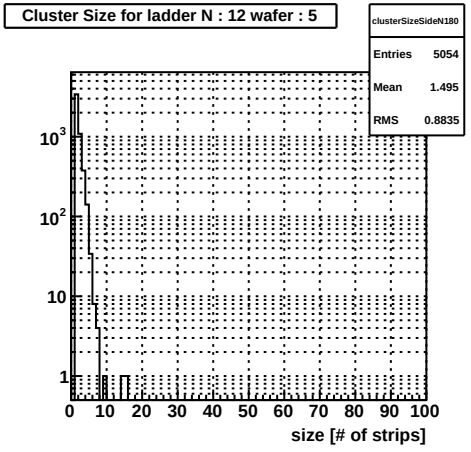

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 4165
Mean 1.296
RMS 0.6315
size [# of strips]

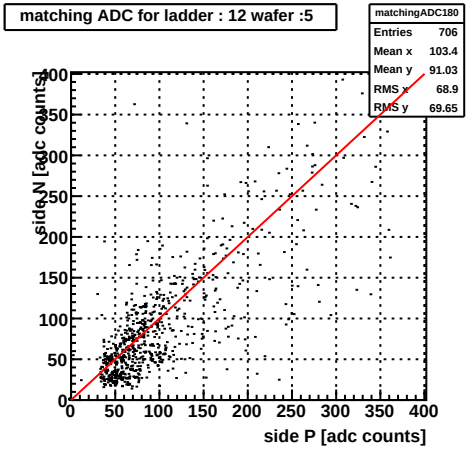

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1999
Mean x 71.68
Mean y 58.71
RMS x 57.75
RMS y 50.23
side N [adc counts]
side P [adc counts]

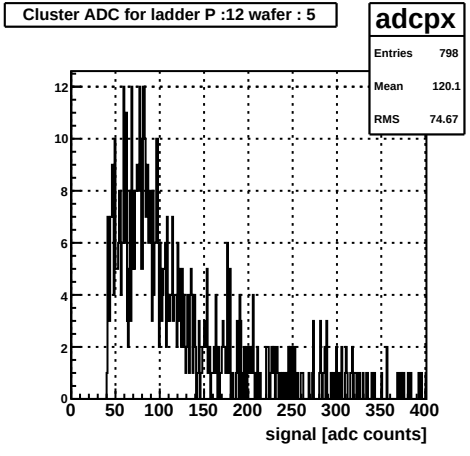

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4599
Mean 59.95
RMS 59.31
signal [adc counts]

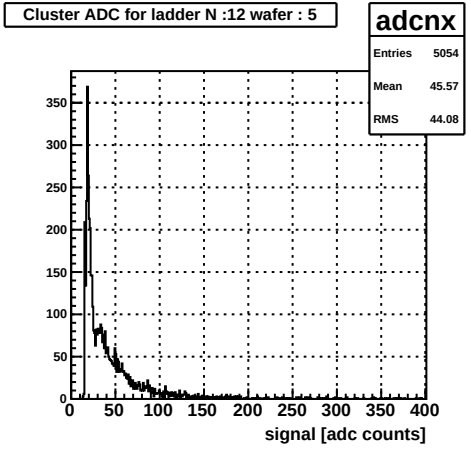

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 4165
Mean 42.7
RMS 46.09
signal [adc counts]

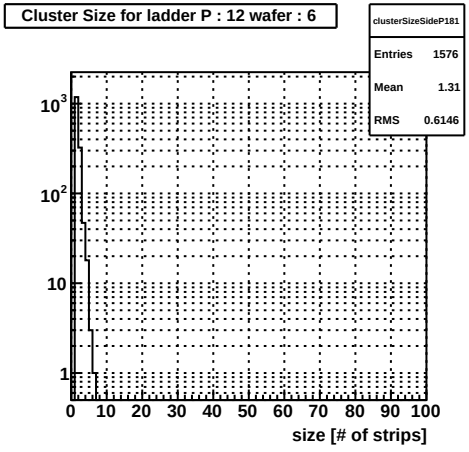

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 798
Mean 1.184
RMS 0.4305
size [# of strips]

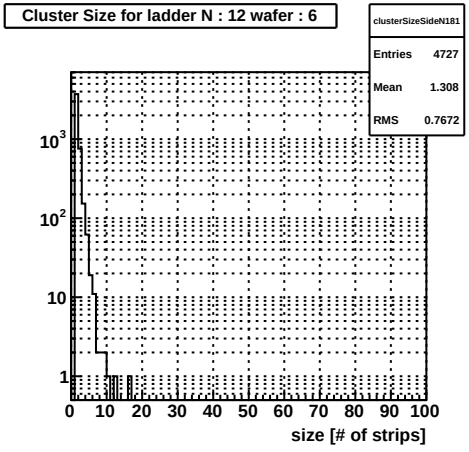

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5054
Mean 1.495
RMS 0.8835
size [# of strips]

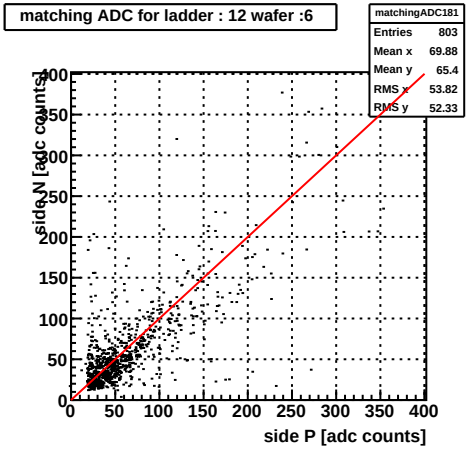

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 706
Mean x 103.4
Mean y 91.03
RMS x 68.9
RMS y 69.65
side N [adc counts]
side P [adc counts]

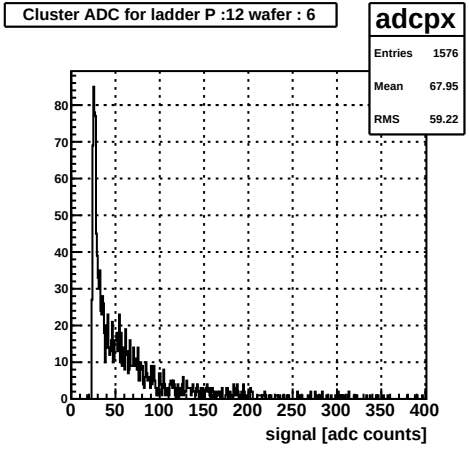

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 798
Mean 120.1
RMS 74.67
signal [adc counts]

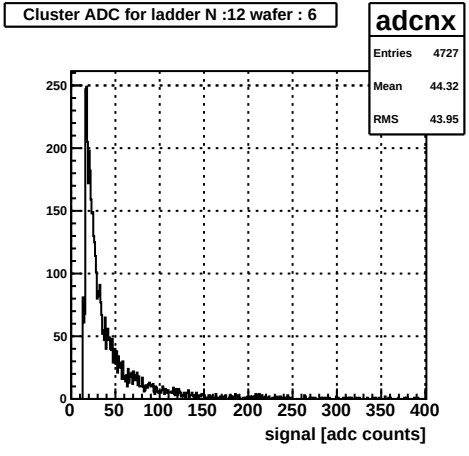

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5054
Mean 45.57
RMS 44.08
signal [adc counts]

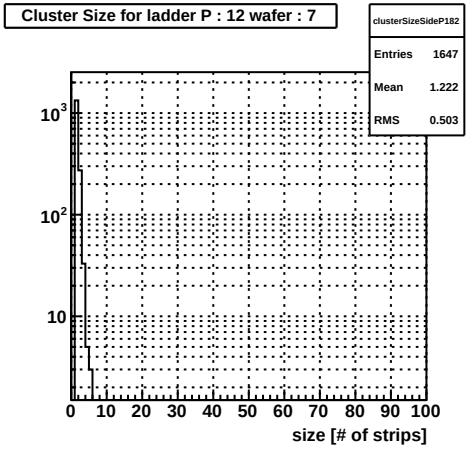

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1576
Mean 1.31
RMS 0.6146
size [# of strips]

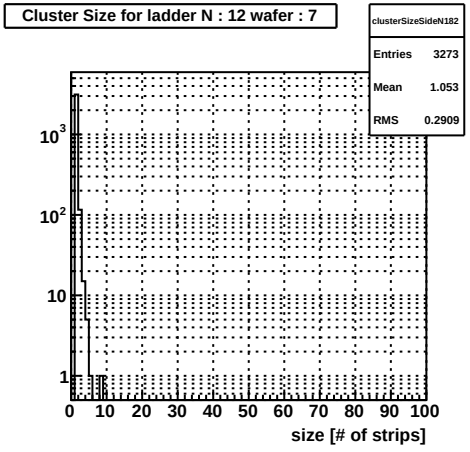

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4727
Mean 1.308
RMS 0.7672
size [# of strips]

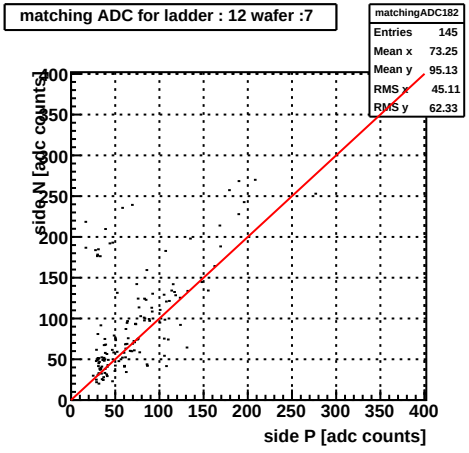

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 803
Mean x 69.88
Mean y 65.4
RMS x 53.82
RMS y 52.33
side N [adc counts]
side P [adc counts]

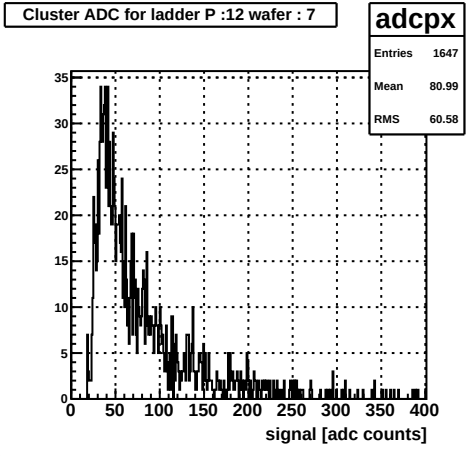

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1576
Mean 67.95
RMS 59.22
signal [adc counts]

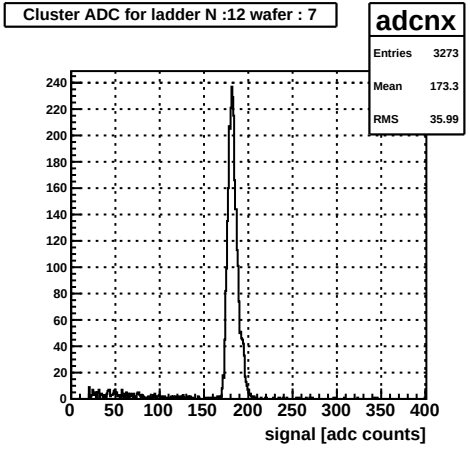

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4727
Mean 44.32
RMS 43.95
signal [adc counts]

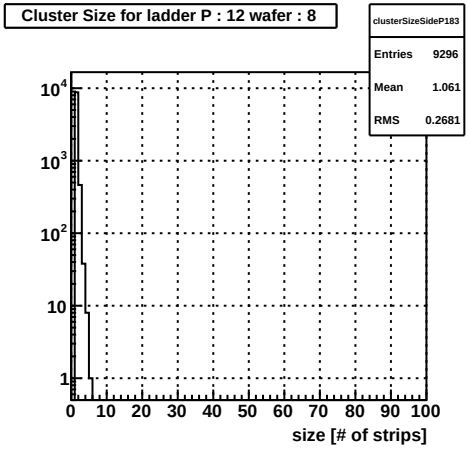

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1647
Mean 1.222
RMS 0.503
size [# of strips]

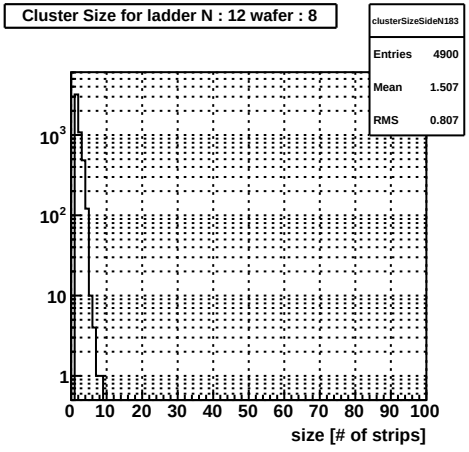

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 3273
Mean 1.053
RMS 0.2909
size [# of strips]

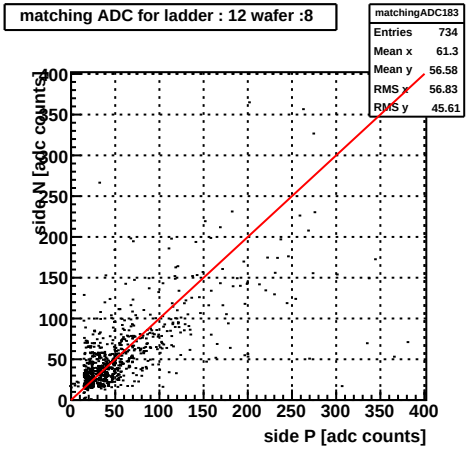

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 145
Mean x 73.25
Mean y 95.13
RMS x 45.11
RMS y 62.33
side N [adc counts]
side P [adc counts]

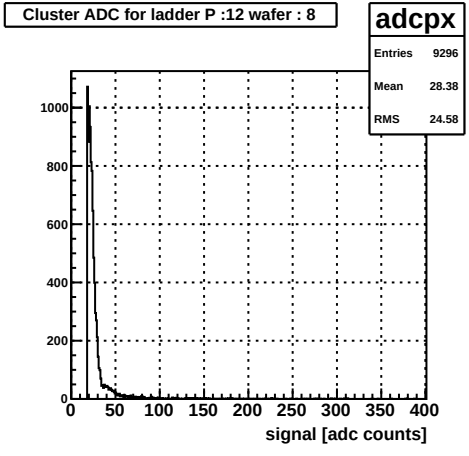

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1647
Mean 80.99
RMS 60.58
signal [adc counts]

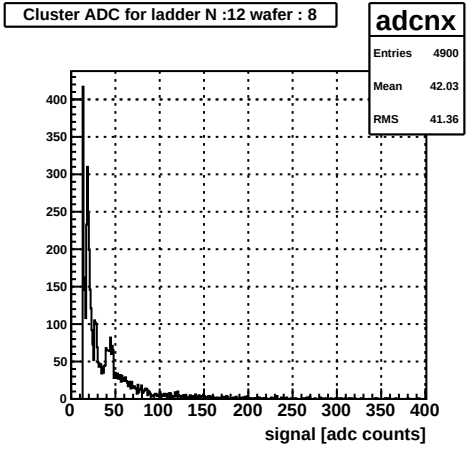

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 3273
Mean 173.3
RMS 35.99
signal [adc counts]

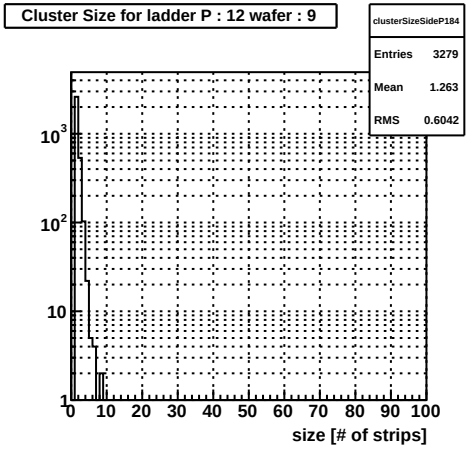

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 9296
Mean 1.061
RMS 0.2681
size [# of strips]

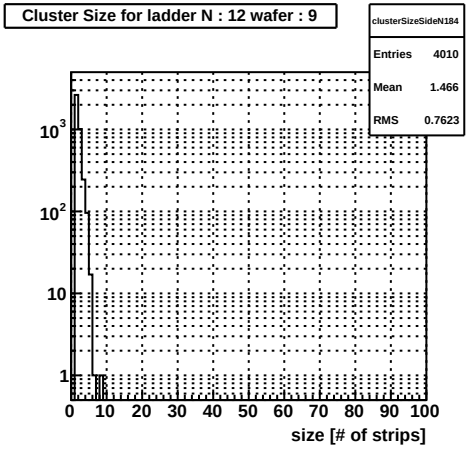

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 4900
Mean 1.507
RMS 0.807
size [# of strips]

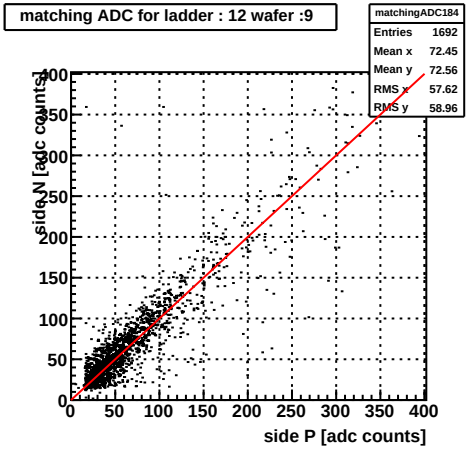

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 734
Mean x 61.3
Mean y 56.58
RMS x 56.83
RMS y 45.61
side N [adc counts]
side P [adc counts]

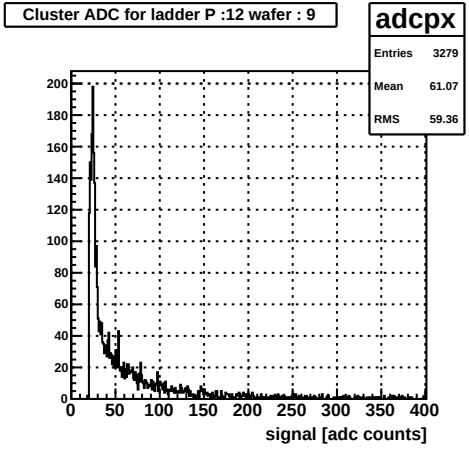

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 9296
Mean 28.38
RMS 24.58
signal [adc counts]

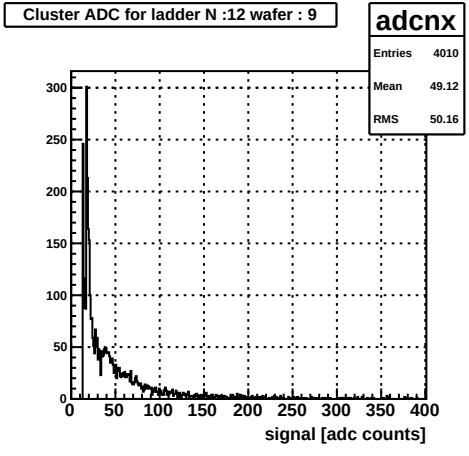

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 4900
Mean 42.03
RMS 41.36
signal [adc counts]

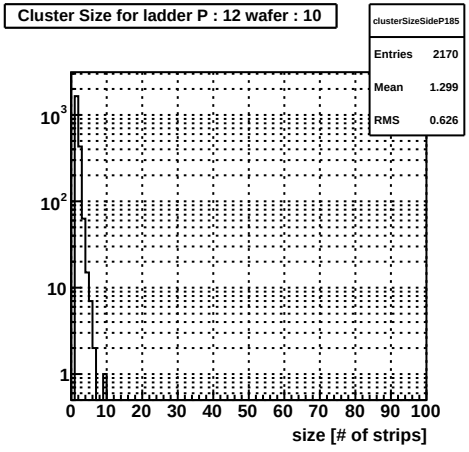

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3279
Mean 1.263
RMS 0.6042
size [# of strips]

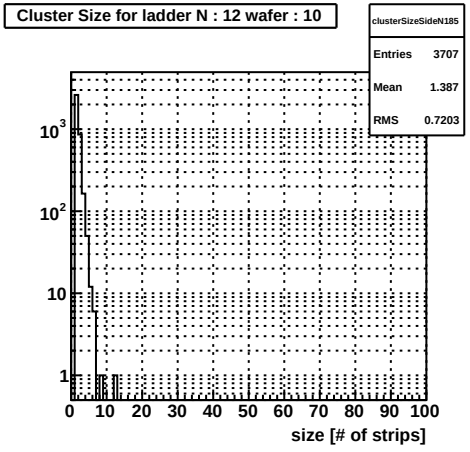

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4010
Mean 1.466
RMS 0.7623
size [# of strips]

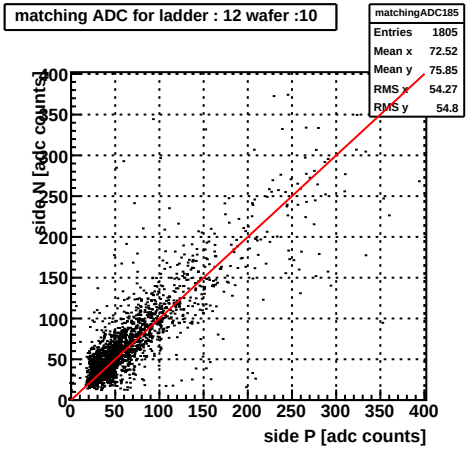

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1692
Mean x 72.45
Mean y 72.56
RMS x 57.62
RMS y 58.96
side N [adc counts]
side P [adc counts]

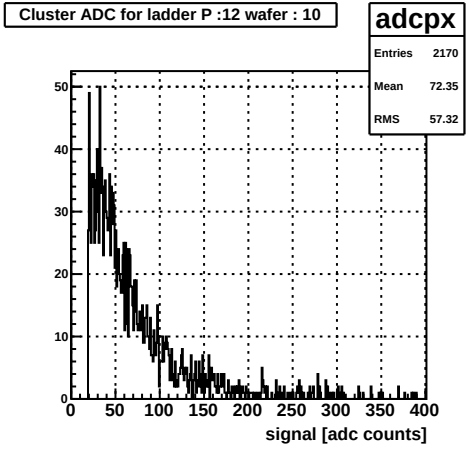

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3279
Mean 61.07
RMS 59.36
signal [adc counts]

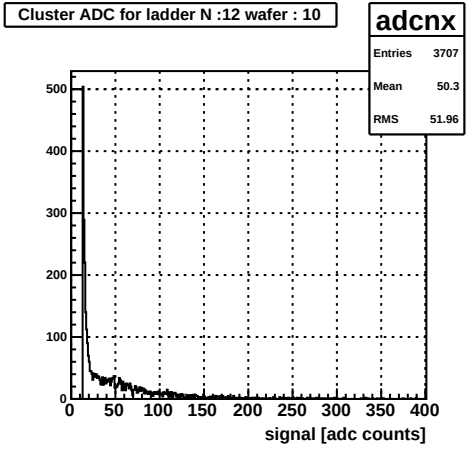

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4010
Mean 49.12
RMS 50.16
signal [adc counts]

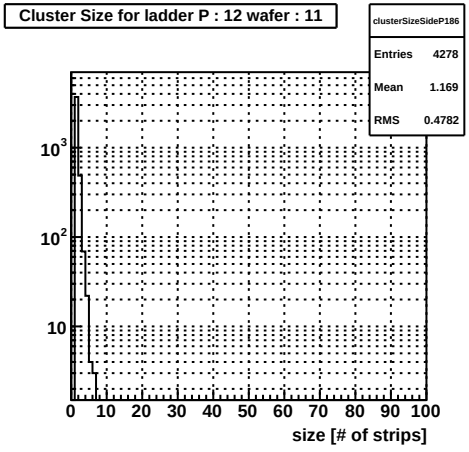

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2170
Mean 1.299
RMS 0.626
size [# of strips]

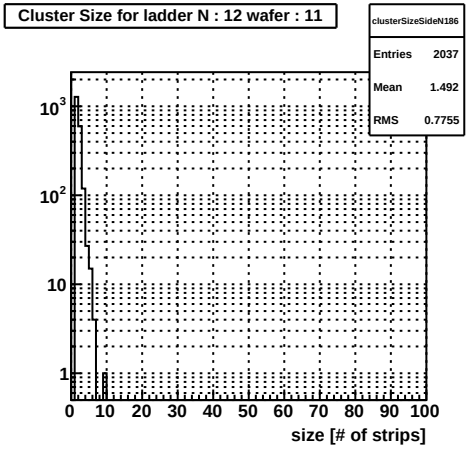

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3707
Mean 1.387
RMS 0.7203
size [# of strips]

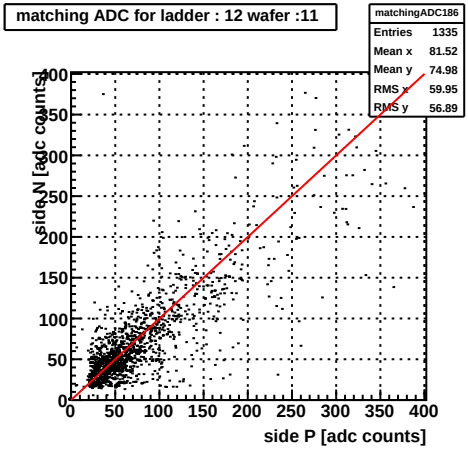

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1805
Mean x 72.52
Mean y 75.85
RMS x 54.27
RMS y 54.8
side N [adc counts]
side P [adc counts]

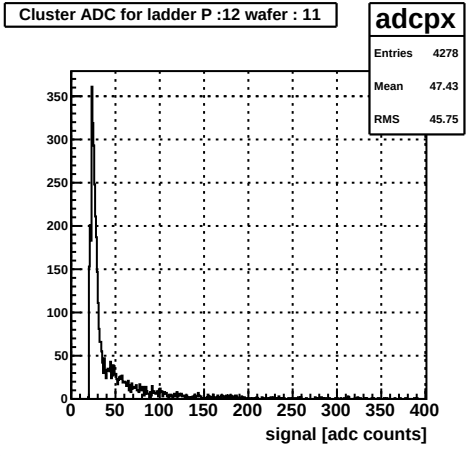

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2170
Mean 72.35
RMS 57.32
signal [adc counts]

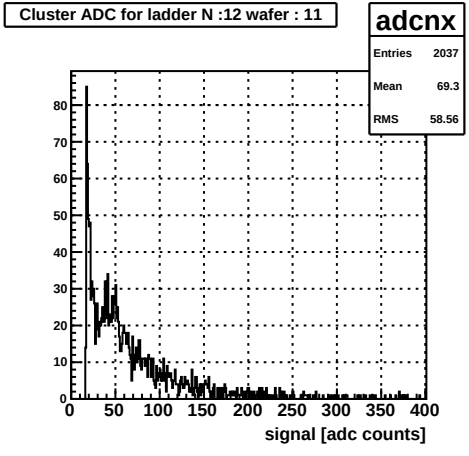

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3707
Mean 50.3
RMS 51.96
signal [adc counts]

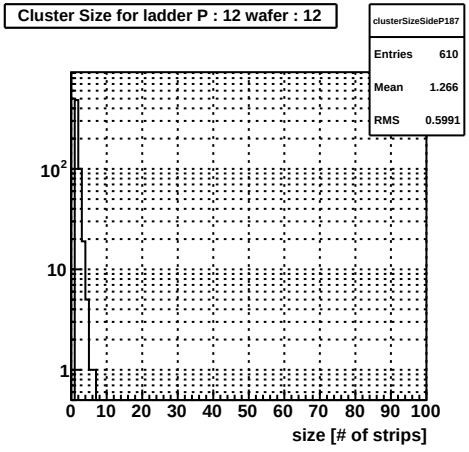

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4278
Mean 1.169
RMS 0.4782
size [# of strips]

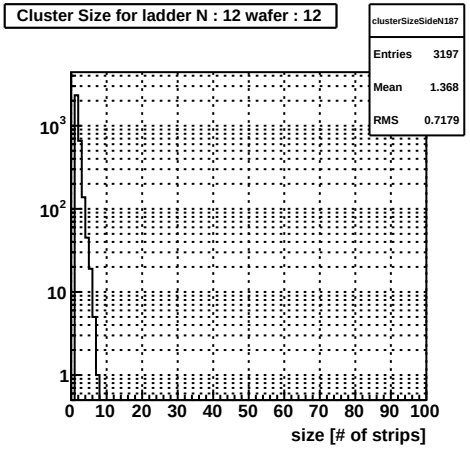

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2037
Mean 1.492
RMS 0.7755
size [# of strips]

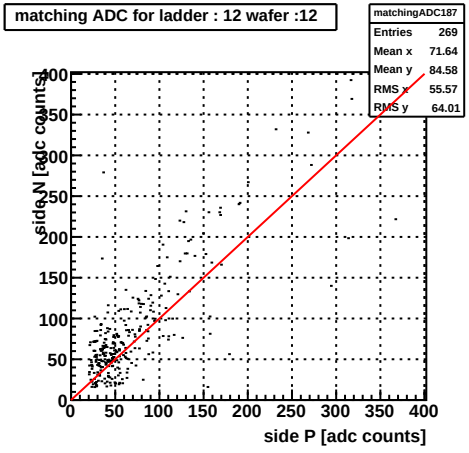

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1335
Mean x 81.52
Mean y 74.98
RMS x 59.95
RMS y 56.89
side N [adc counts]
side P [adc counts]

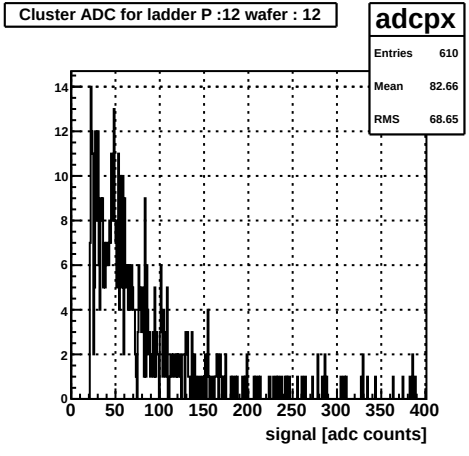

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4278
Mean 47.43
RMS 45.75
signal [adc counts]

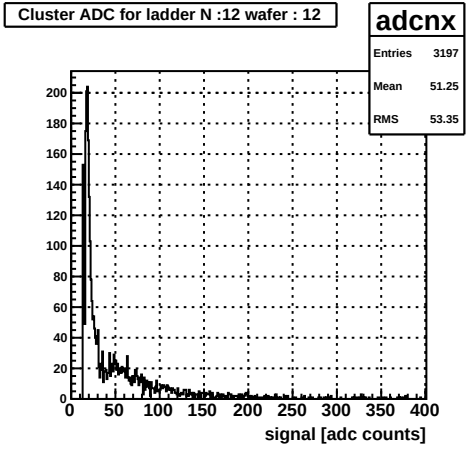

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2037
Mean 69.3
RMS 58.56
signal [adc counts]

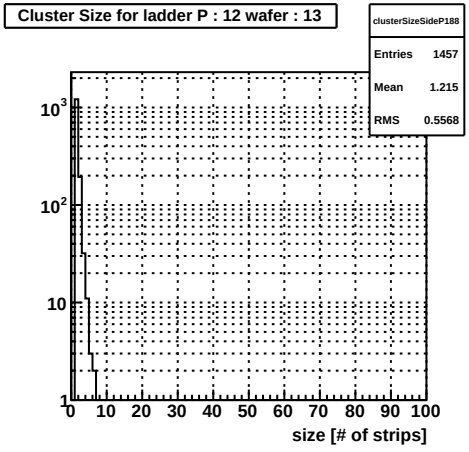

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 610
Mean 1.266
RMS 0.5991
size [# of strips]

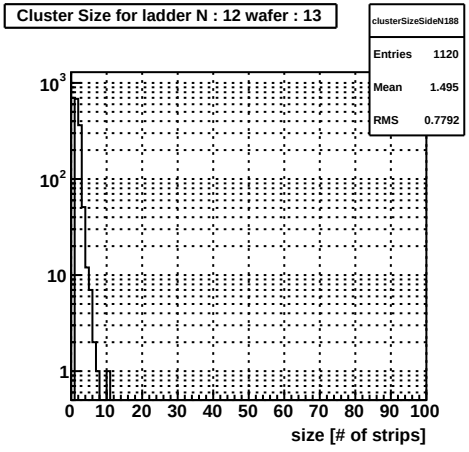

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3197
Mean 1.368
RMS 0.7179
size [# of strips]

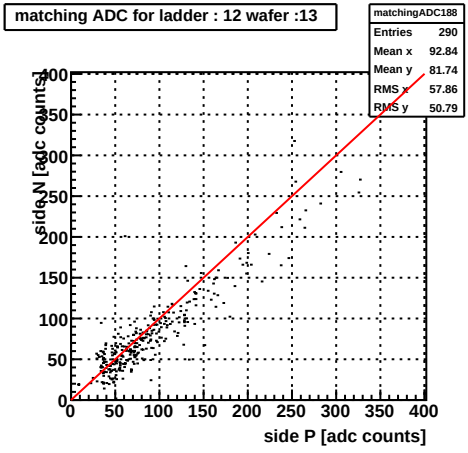

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 269
Mean x 71.64
Mean y 84.58
RMS x 55.57
RMS y 64.01
side N [adc counts]
side P [adc counts]

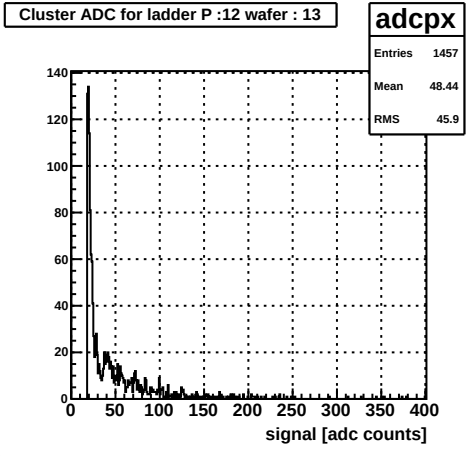

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 610
Mean 82.66
RMS 68.65
signal [adc counts]

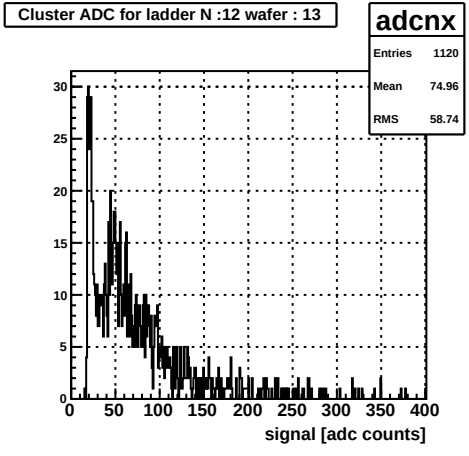

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3197
Mean 51.25
RMS 53.35
signal [adc counts]

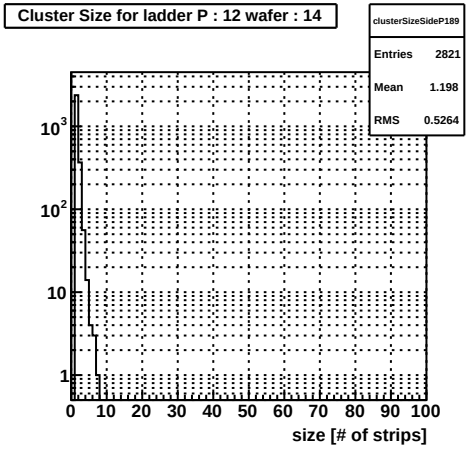

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 1457
Mean 1.215
RMS 0.5568
size [# of strips]

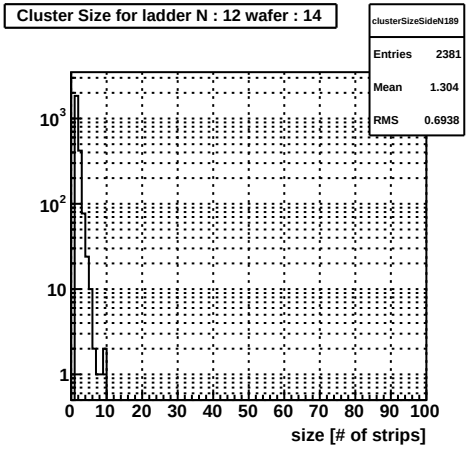

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1120
Mean 1.495
RMS 0.7792
size [# of strips]

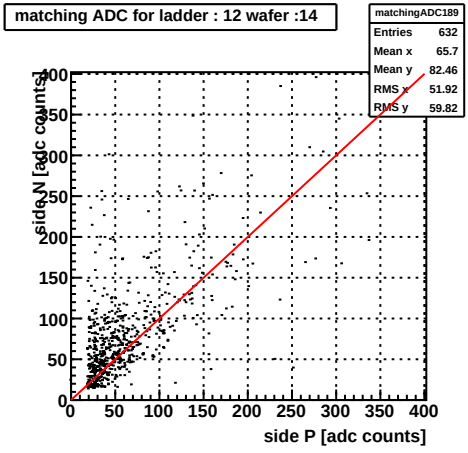

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 290
Mean x 92.84
Mean y 81.74
RMS x 57.86
RMS y 50.79
side N [adc counts]
side P [adc counts]

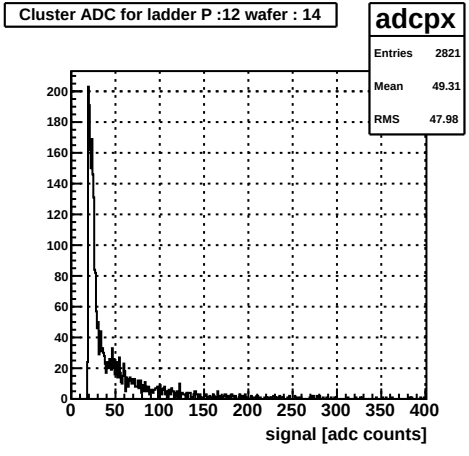

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 1457
Mean 48.44
RMS 45.9
signal [adc counts]

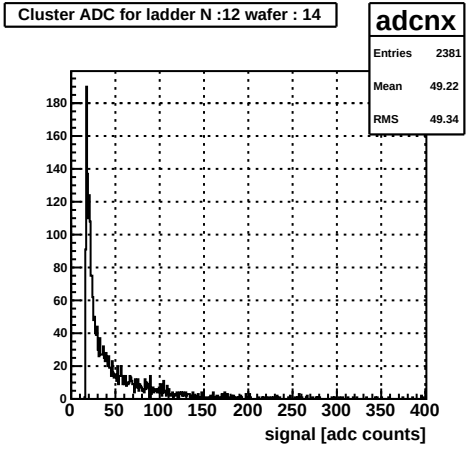

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1120
Mean 74.96
RMS 58.74
signal [adc counts]

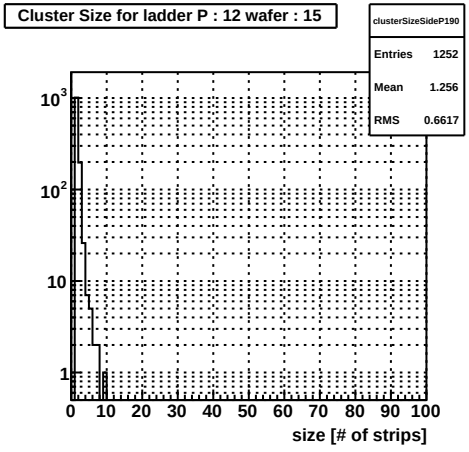

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2821
Mean 1.198
RMS 0.5264
size [# of strips]

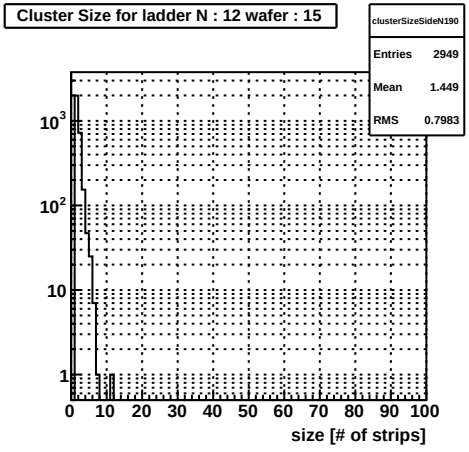

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2381
Mean 1.304
RMS 0.6938
size [# of strips]

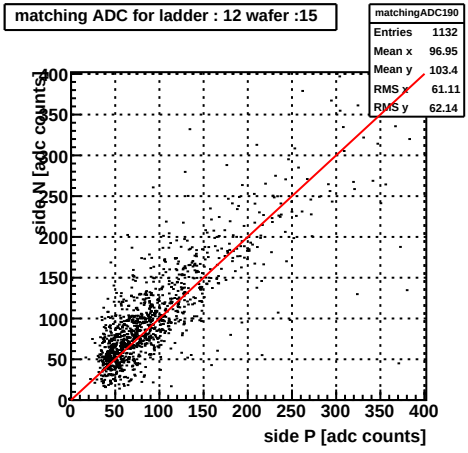

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 632
Mean x 65.7
Mean y 82.46
RMS x 51.92
RMS y 59.82
side N [adc counts]
side P [adc counts]

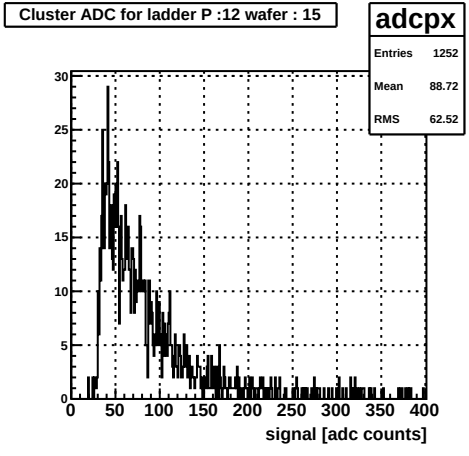

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2821
Mean 49.31
RMS 47.98
signal [adc counts]

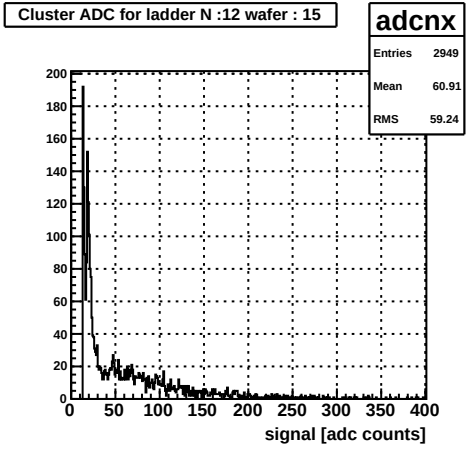

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2381
Mean 49.22
RMS 49.34
signal [adc counts]

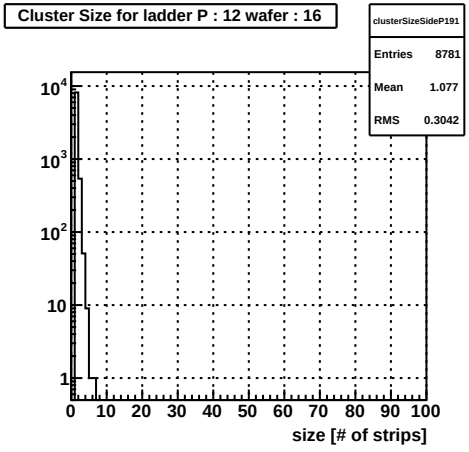

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1252
Mean 1.256
RMS 0.6617
size [# of strips]

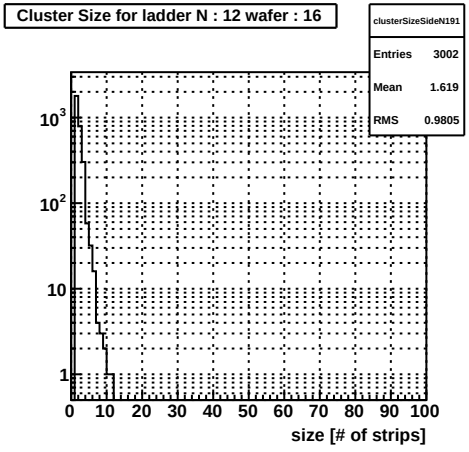

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2949
Mean 1.449
RMS 0.7983
size [# of strips]

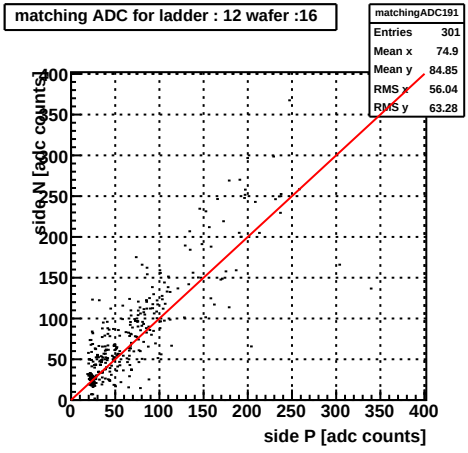

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1132
Mean x 96.95
Mean y 103.4
RMS x 61.11
RMS y 62.14
side N [adc counts]
side P [adc counts]

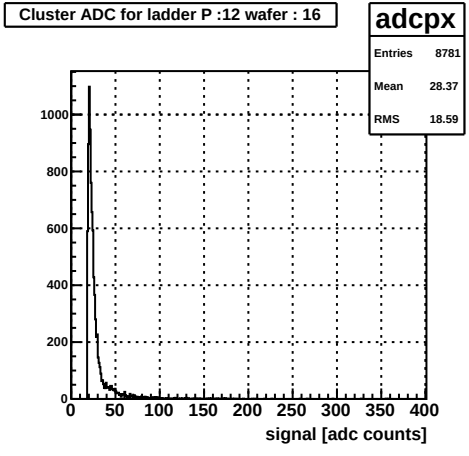

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1252
Mean 88.72
RMS 62.52
signal [adc counts]

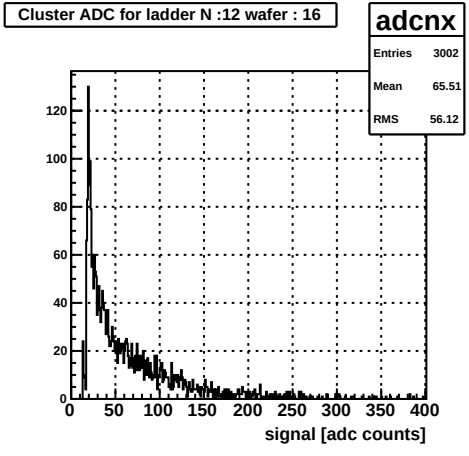

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2949
Mean 60.91
RMS 59.24
signal [adc counts]

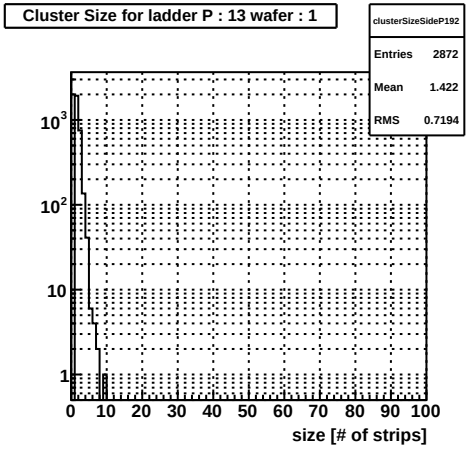

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 8781
Mean 1.077
RMS 0.3042
size [# of strips]

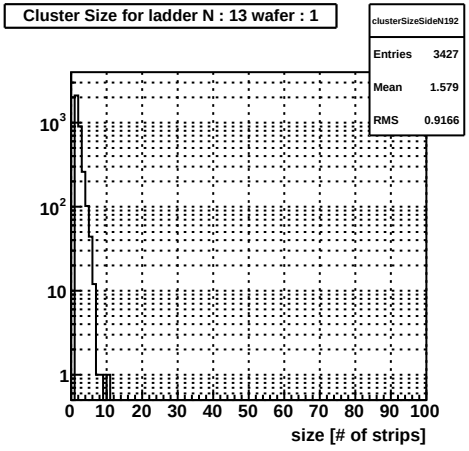

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3002
Mean 1.619
RMS 0.9805
size [# of strips]

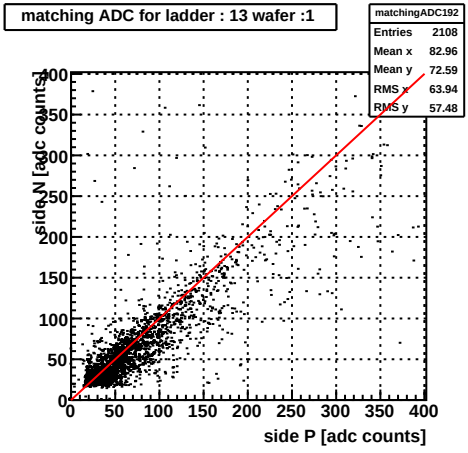

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 301
Mean x 74.9
Mean y 84.85
RMS x 56.04
RMS y 63.28
side N [adc counts]
side P [adc counts]

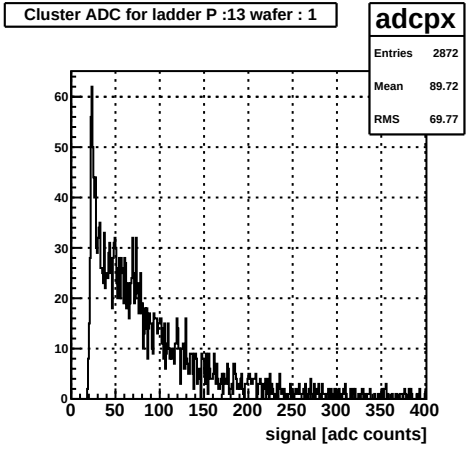

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 8781
Mean 28.37
RMS 18.59
signal [adc counts]

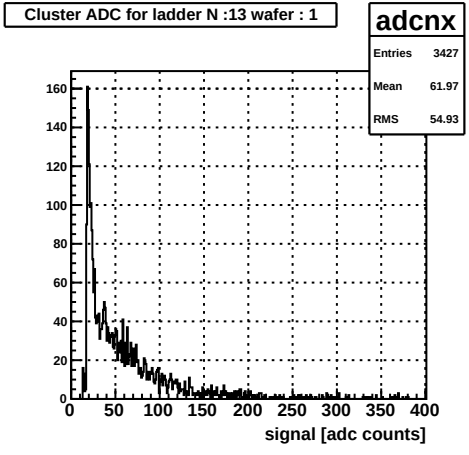

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3002
Mean 65.51
RMS 56.12
signal [adc counts]

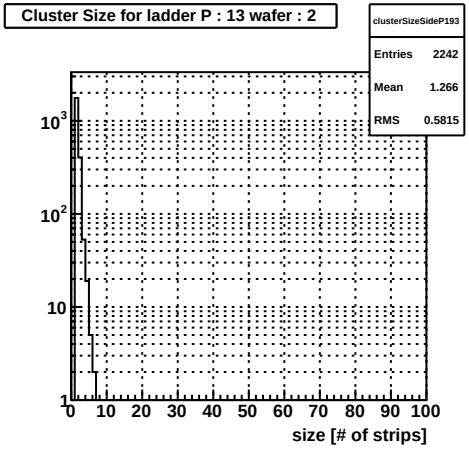

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2872
Mean 1.422
RMS 0.7194
size [# of strips]

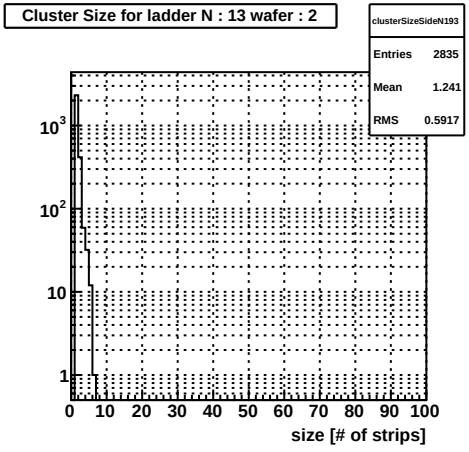

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3427
Mean 1.579
RMS 0.9166
size [# of strips]

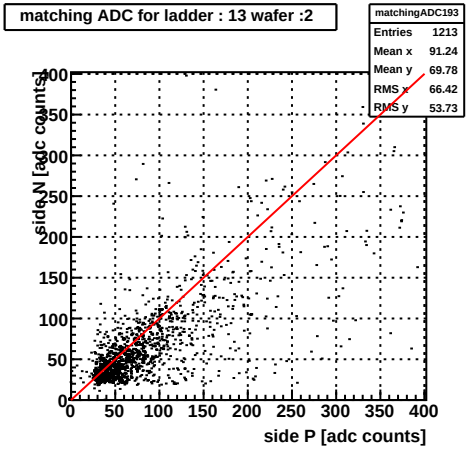

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 2108
Mean x 82.96
Mean y 72.59
RMS x 63.94
RMS y 57.48
side N [adc counts]
side P [adc counts]

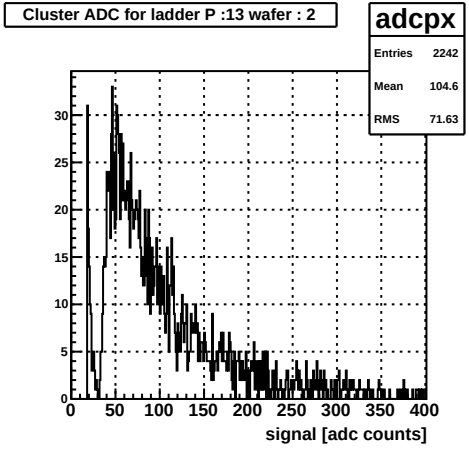

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2872
Mean 89.72
RMS 69.77
signal [adc counts]

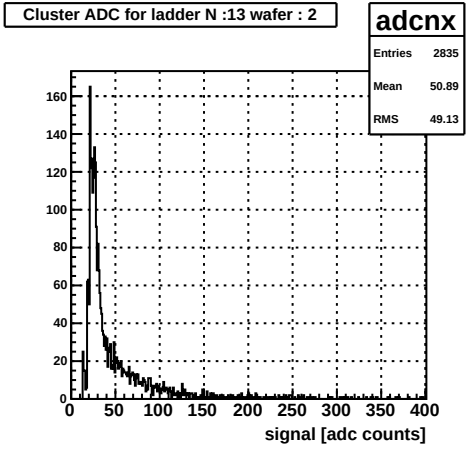

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3427
Mean 61.97
RMS 54.93
signal [adc counts]

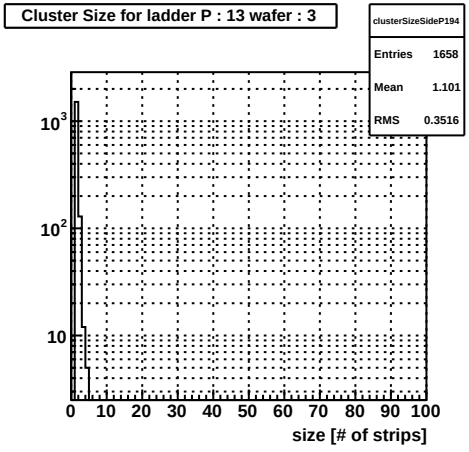

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2242
Mean 1.266
RMS 0.5815
size [# of strips]

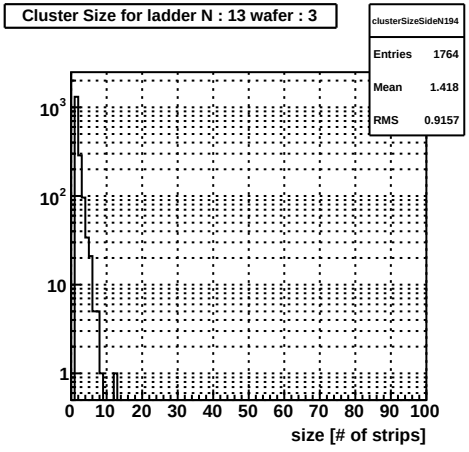

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2835
Mean 1.241
RMS 0.5917
size [# of strips]

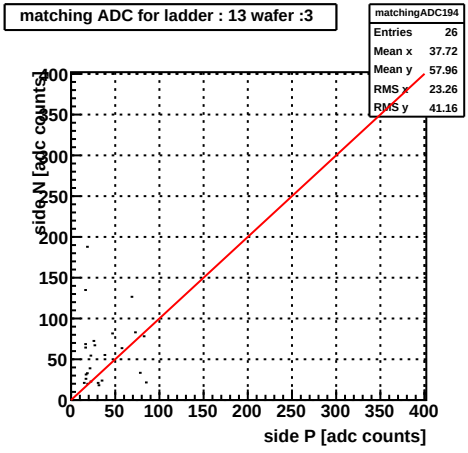

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1213
Mean x 91.24
Mean y 69.78
RMS x 66.42
RMS y 53.73
side N [adc counts]
side P [adc counts]

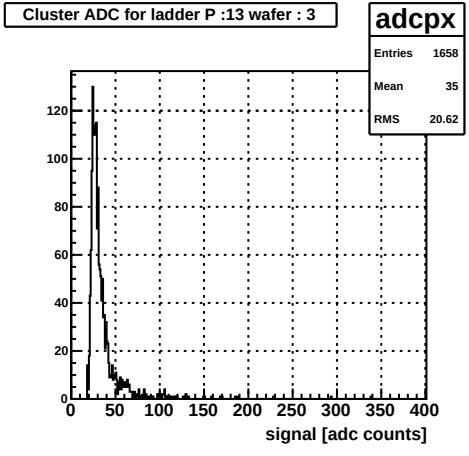

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2242
Mean 104.6
RMS 71.63
signal [adc counts]

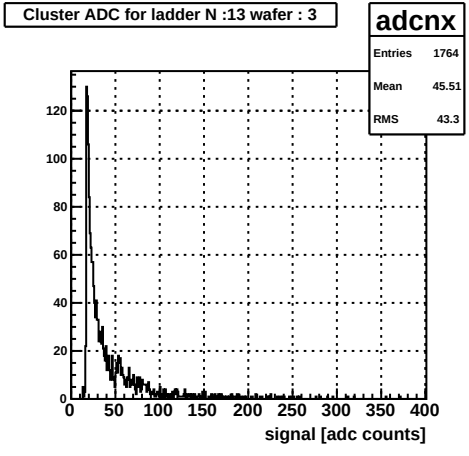

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2835
Mean 50.89
RMS 49.13
signal [adc counts]

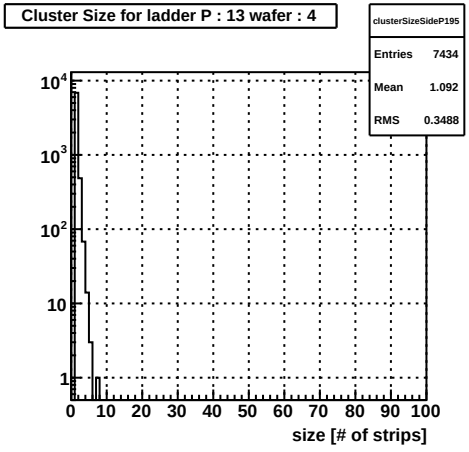

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1658
Mean 1.101
RMS 0.3516
size [# of strips]

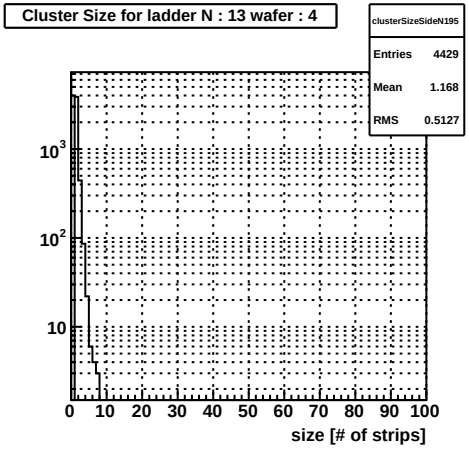

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1764
Mean 1.418
RMS 0.9157
size [# of strips]

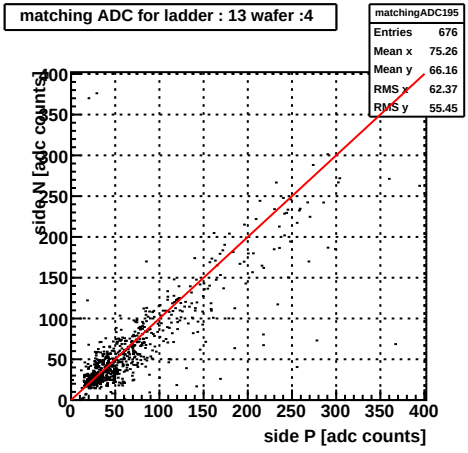

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 26
Mean x 37.72
Mean y 57.96
RMS x 23.26
RMS y 41.16
side N [adc counts]
side P [adc counts]

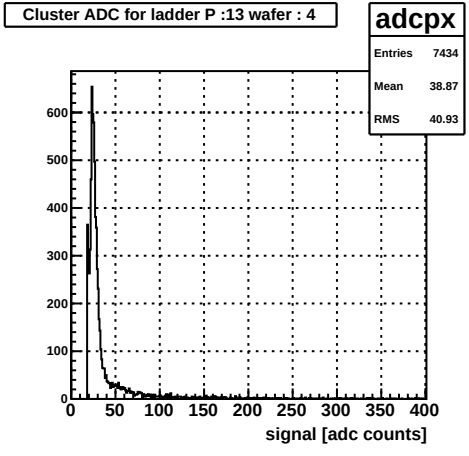

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1658
Mean 35
RMS 20.62
signal [adc counts]

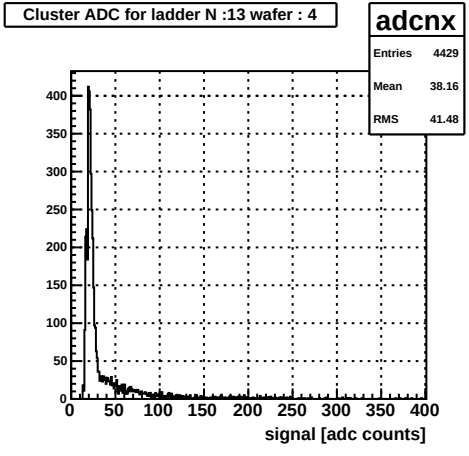

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1764
Mean 45.51
RMS 43.3
signal [adc counts]

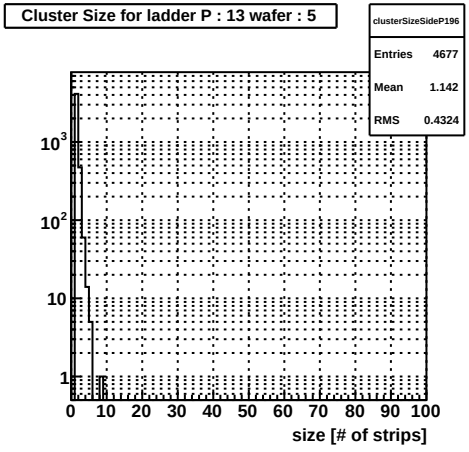

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7434
Mean 1.092
RMS 0.3488
size [# of strips]

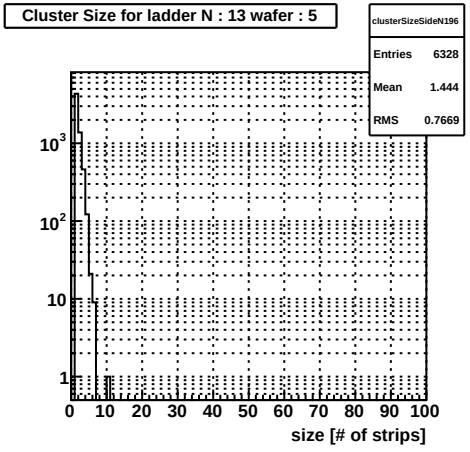

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4429
Mean 1.168
RMS 0.5127
size [# of strips]

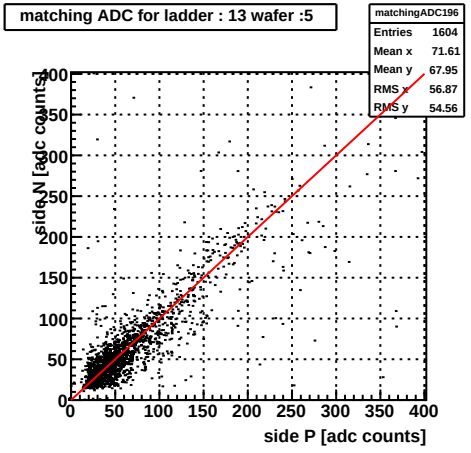

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 676
Mean x 75.26
Mean y 66.16
RMS x 62.37
RMS y 55.45
side N [adc counts]
side P [adc counts]

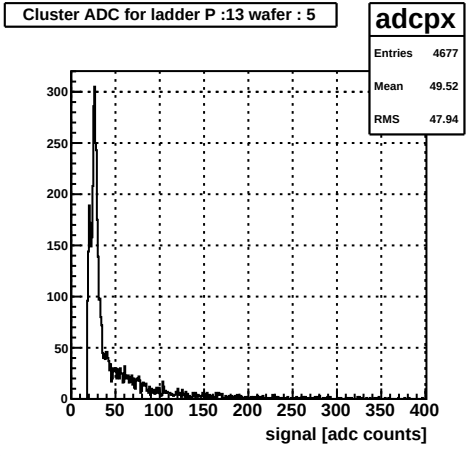

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7434
Mean 38.87
RMS 40.93
signal [adc counts]

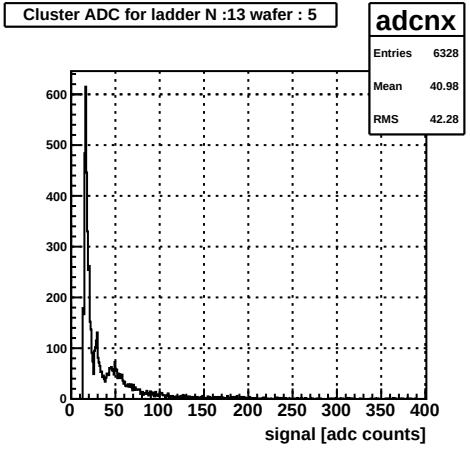

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4429
Mean 38.16
RMS 41.48
signal [adc counts]

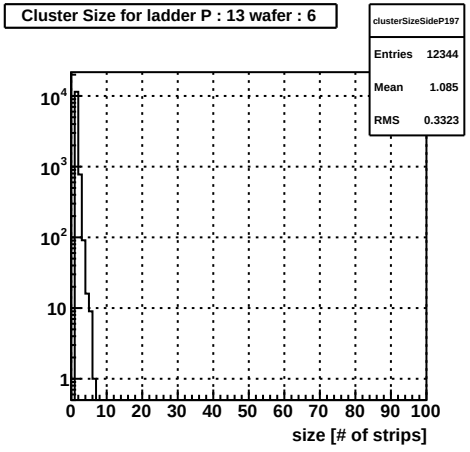

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4677
Mean 1.142
RMS 0.4324
size [# of strips]

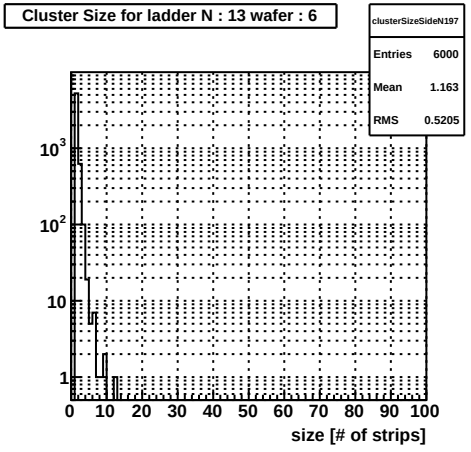

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6328
Mean 1.444
RMS 0.7669
size [# of strips]

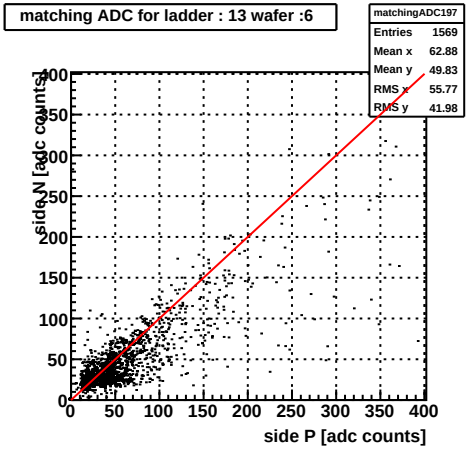

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1604
Mean x 71.61
Mean y 67.95
RMS x 56.87
RMS y 54.56
side N [adc counts]
side P [adc counts]

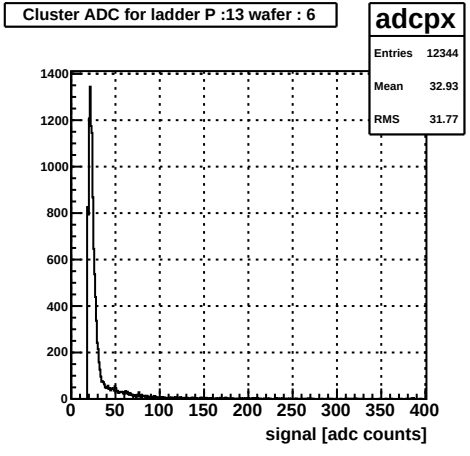

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4677
Mean 49.52
RMS 47.94
signal [adc counts]

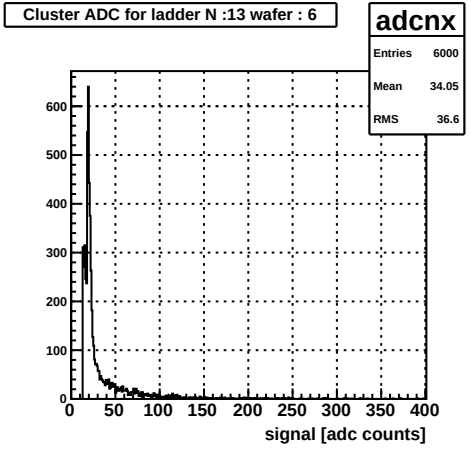

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6328
Mean 40.98
RMS 42.28
signal [adc counts]

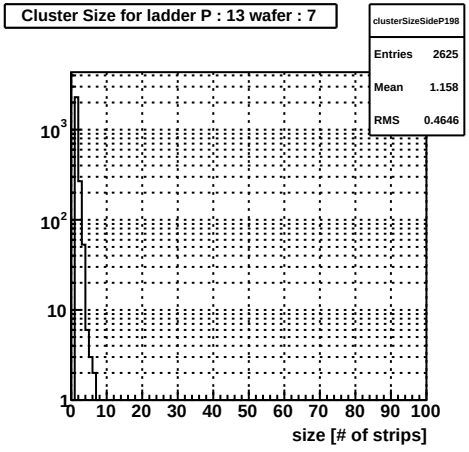

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 12344
Mean 1.085
RMS 0.3323
size [# of strips]

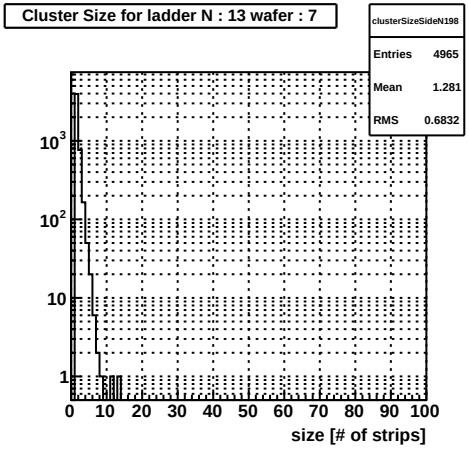

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 6000
Mean 1.163
RMS 0.5205
size [# of strips]

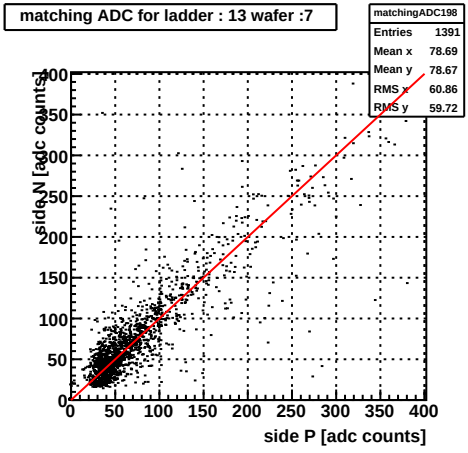

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1569
Mean x 62.88
Mean y 49.83
RMS x 55.77
RMS y 41.98
side N [adc counts]
side P [adc counts]

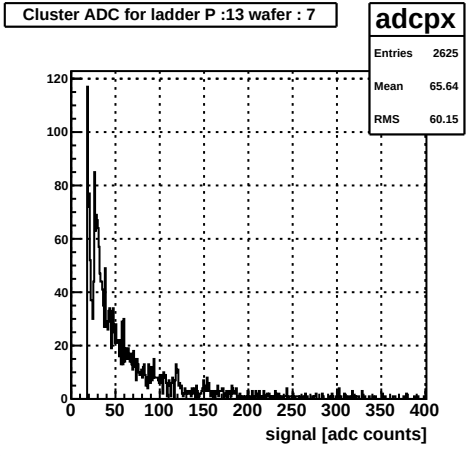

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 12344
Mean 32.93
RMS 31.77
signal [adc counts]

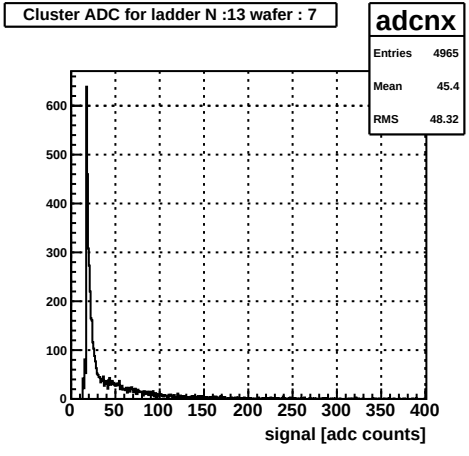

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 6000
Mean 34.05
RMS 36.6
signal [adc counts]

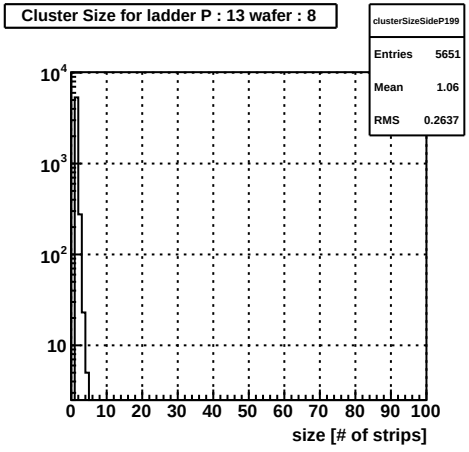

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2625
Mean 1.158
RMS 0.4646
size [# of strips]

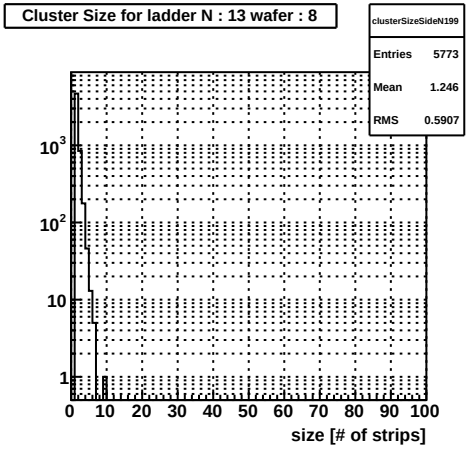

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4965
Mean 1.281
RMS 0.6832
size [# of strips]

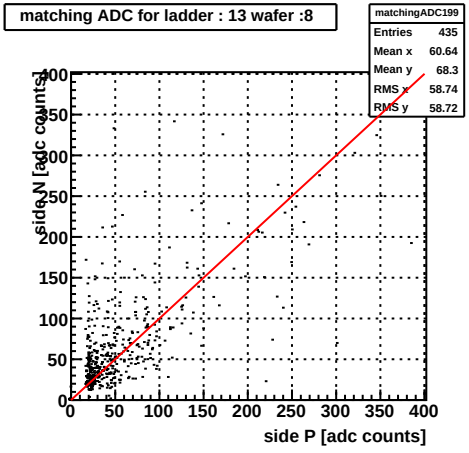

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1391
Mean x 78.69
Mean y 78.67
RMS x 60.86
RMS y 59.72
side N [adc counts]
side P [adc counts]

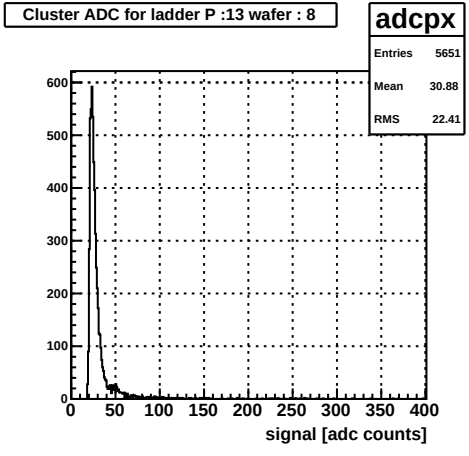

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2625
Mean 65.64
RMS 60.15
signal [adc counts]

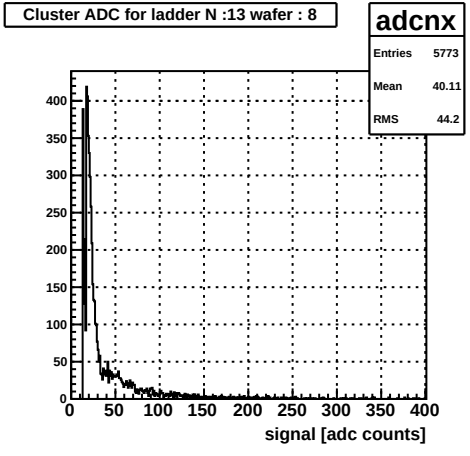

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4965
Mean 45.4
RMS 48.32
signal [adc counts]

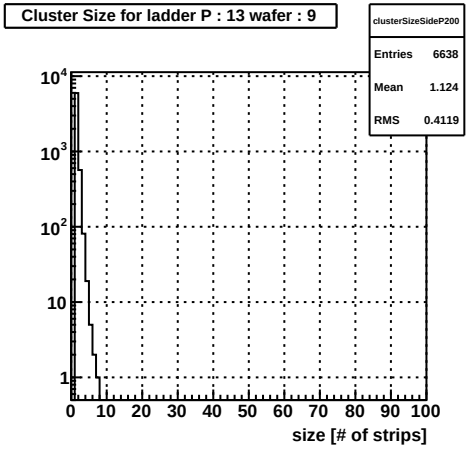

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5651
Mean 1.06
RMS 0.2637
size [# of strips]

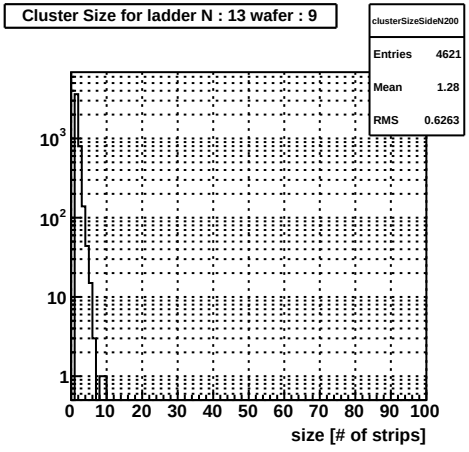

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5773
Mean 1.246
RMS 0.5907
size [# of strips]

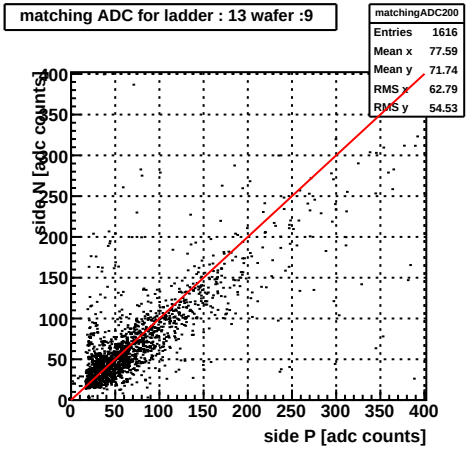

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 435
Mean x 60.64
Mean y 68.3
RMS x 58.74
RMS y 58.72
side N [adc counts]
side P [adc counts]

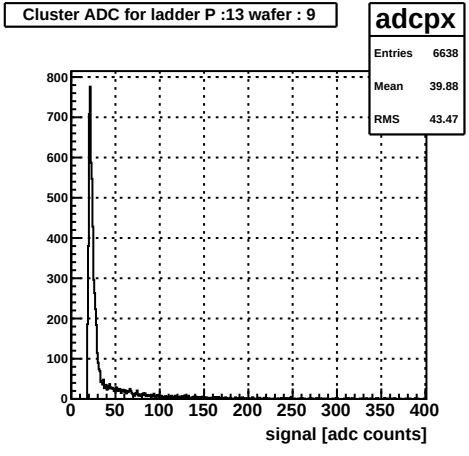

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5651
Mean 30.88
RMS 22.41
signal [adc counts]

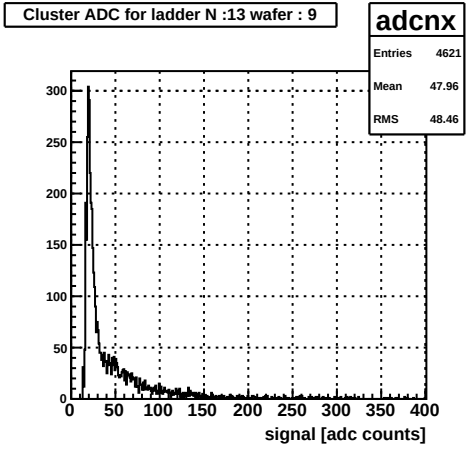

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5773
Mean 40.11
RMS 44.2
signal [adc counts]

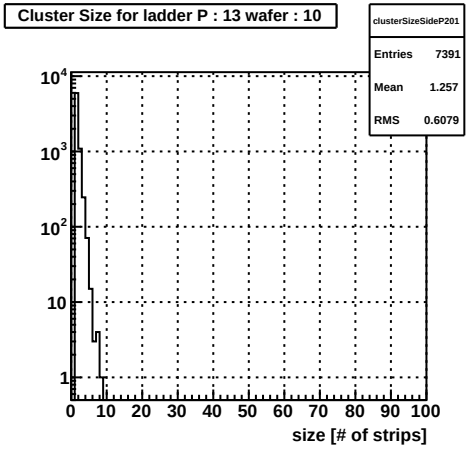

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6638
Mean 1.124
RMS 0.4119
size [# of strips]

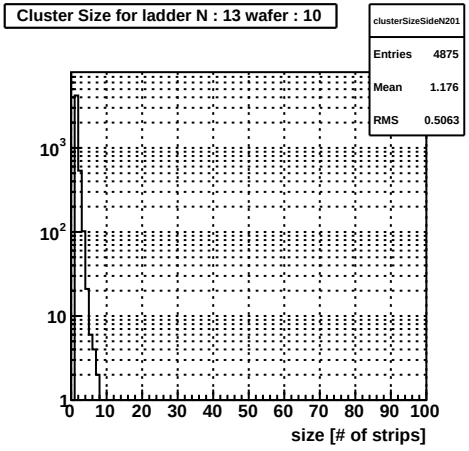

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4621
Mean 1.28
RMS 0.6263
size [# of strips]

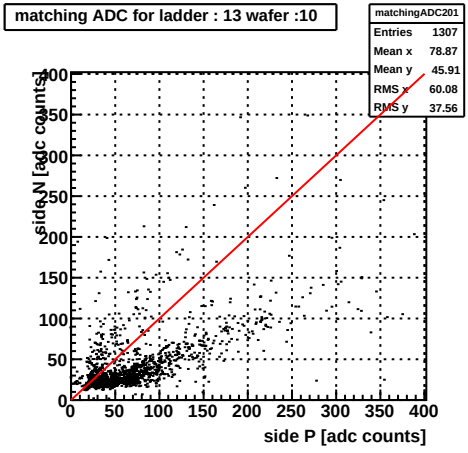

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1616
Mean x 77.59
Mean y 71.74
RMS x 62.79
RMS y 54.53
side N [adc counts]
side P [adc counts]

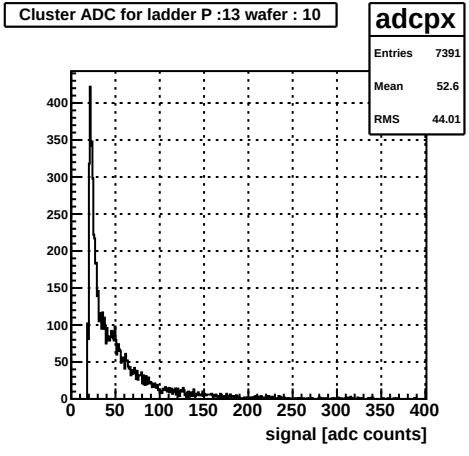

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6638
Mean 39.88
RMS 43.47
signal [adc counts]

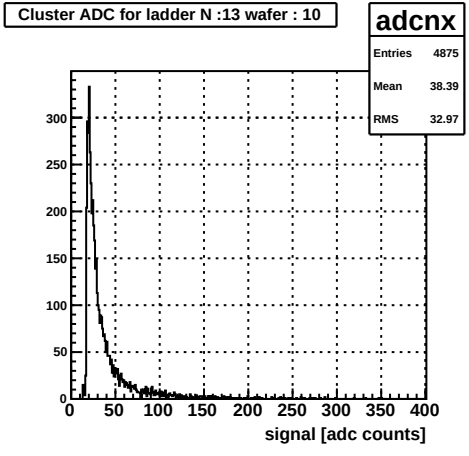

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4621
Mean 47.96
RMS 48.46
signal [adc counts]

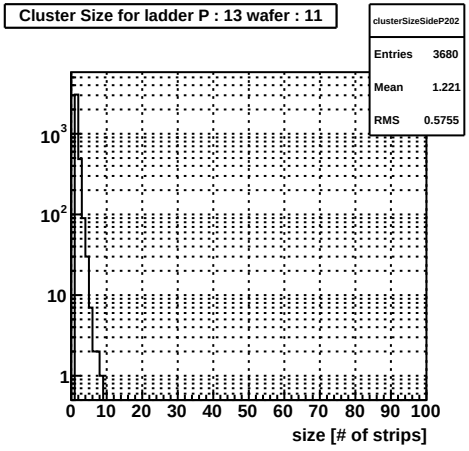

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7391
Mean 1.257
RMS 0.6079
size [# of strips]

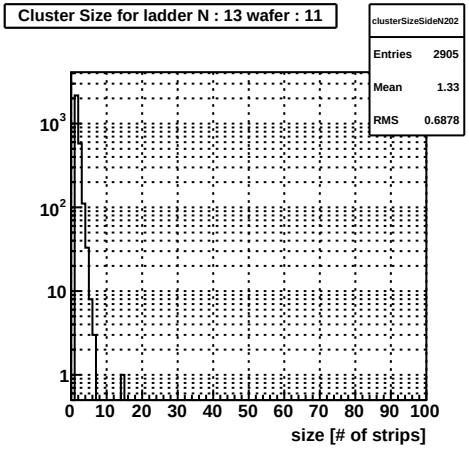

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4875
Mean 1.176
RMS 0.5063
size [# of strips]

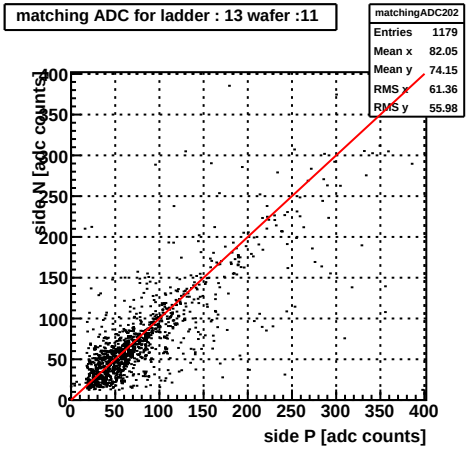

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1307
Mean x 78.87
Mean y 45.91
RMS x 60.08
RMS y 37.56
side N [adc counts]
side P [adc counts]

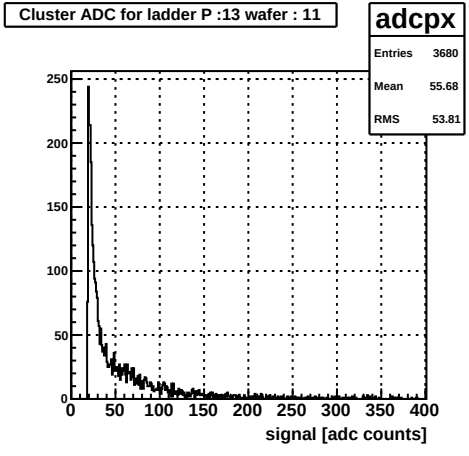

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7391
Mean 52.6
RMS 44.01
signal [adc counts]

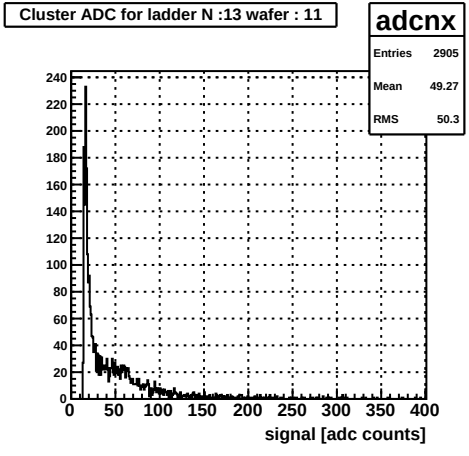

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4875
Mean 38.39
RMS 32.97
signal [adc counts]

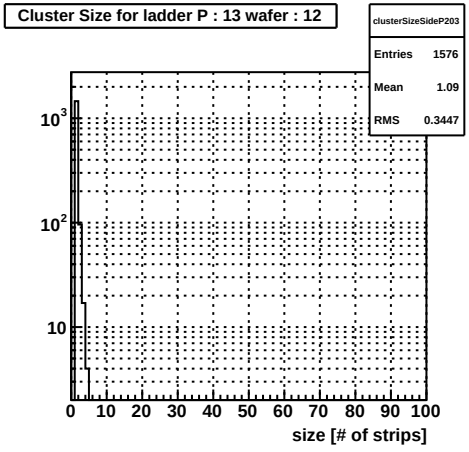

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3680
Mean 1.221
RMS 0.5755
size [# of strips]

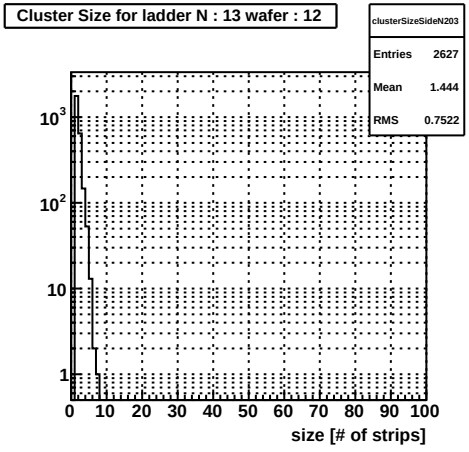

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2905
Mean 1.33
RMS 0.6878
size [# of strips]

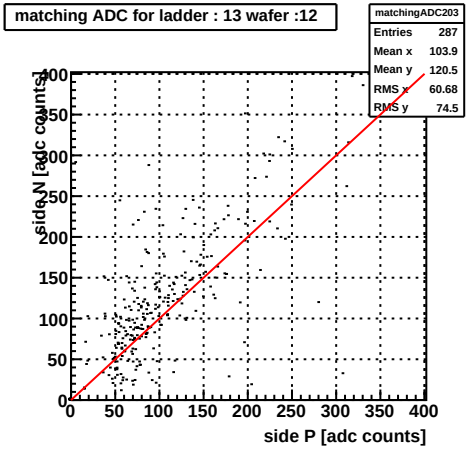

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1179
Mean x 82.05
Mean y 74.15
RMS x 61.36
RMS y 55.98
side N [adc counts]
side P [adc counts]

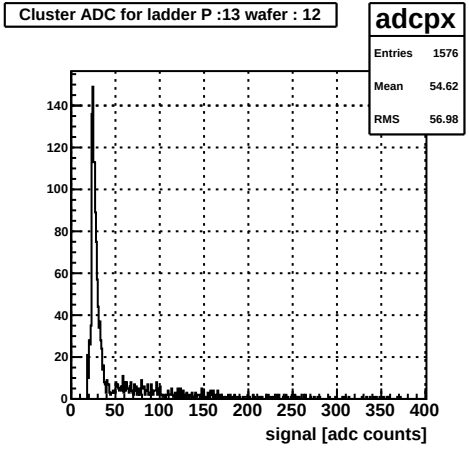

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3680
Mean 55.68
RMS 53.81
signal [adc counts]

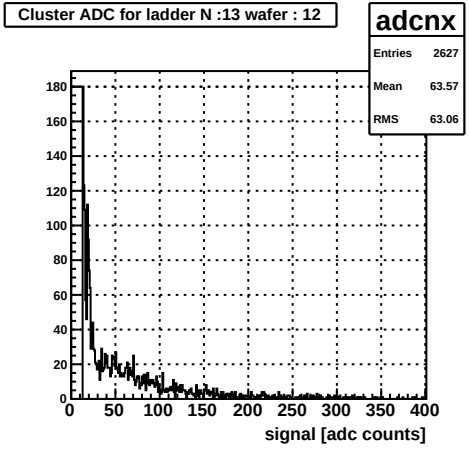

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2905
Mean 49.27
RMS 50.3
signal [adc counts]

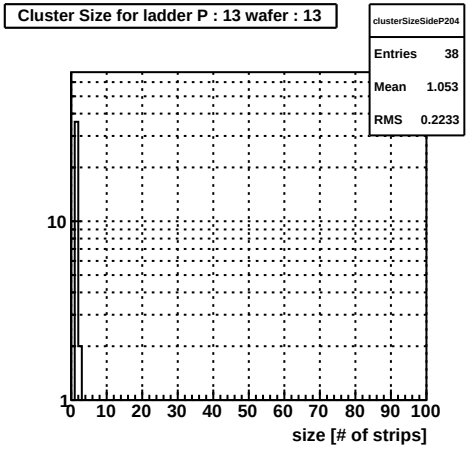

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1576
Mean 1.09
RMS 0.3447
size [# of strips]

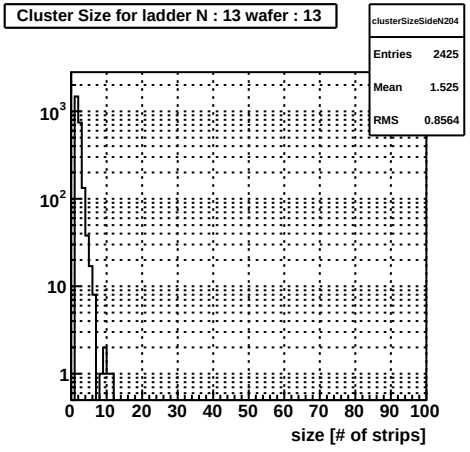

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2627
Mean 1.444
RMS 0.7522
size [# of strips]

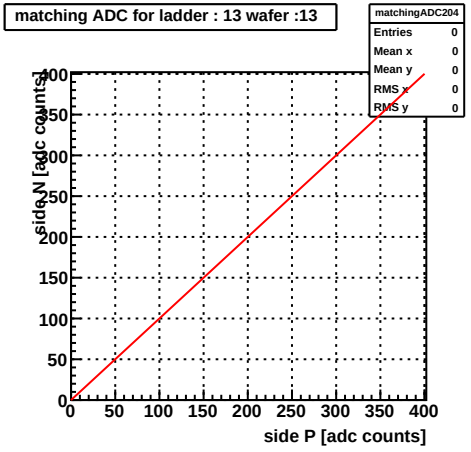

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 287
Mean x 103.9
Mean y 120.5
RMS x 60.68
RMS y 74.5
side N [adc counts]
side P [adc counts]

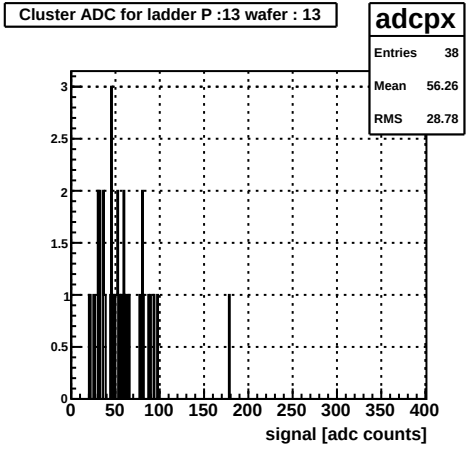

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1576
Mean 54.62
RMS 56.98
signal [adc counts]

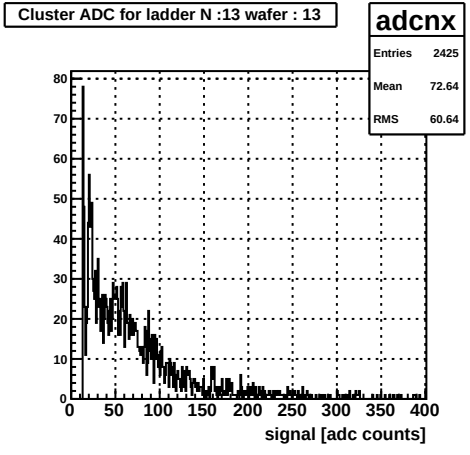

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2627
Mean 63.57
RMS 63.06
signal [adc counts]

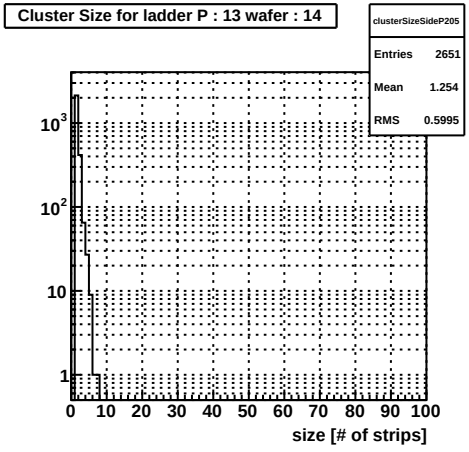

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 38
Mean 1.053
RMS 0.2233
size [# of strips]

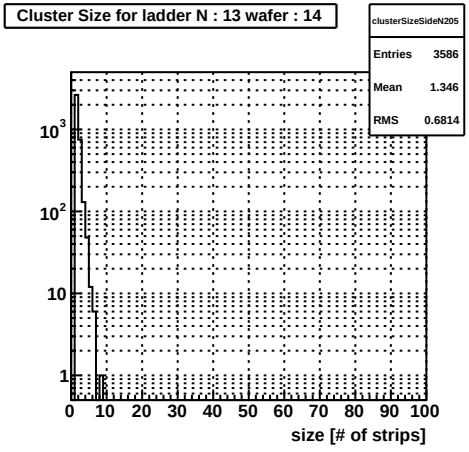

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2425
Mean 1.525
RMS 0.8564
size [# of strips]

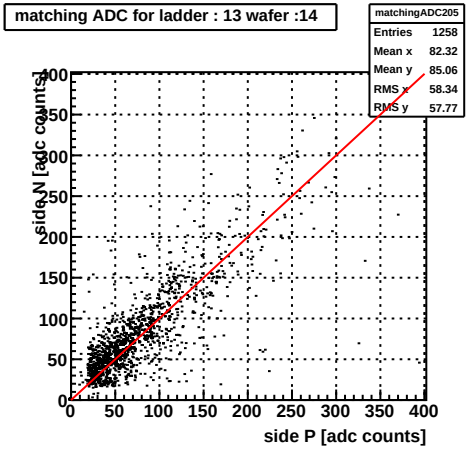

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

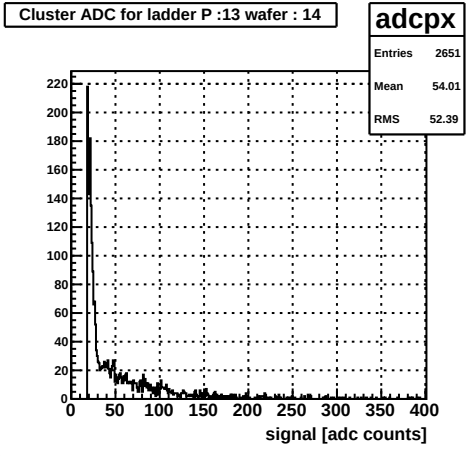

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 38
Mean 56.26
RMS 28.78
signal [adc counts]

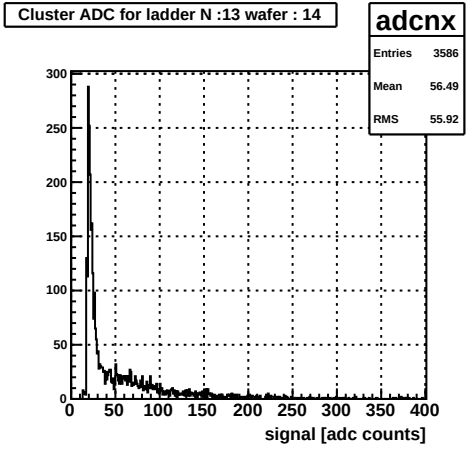

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2425
Mean 72.64
RMS 60.64
signal [adc counts]

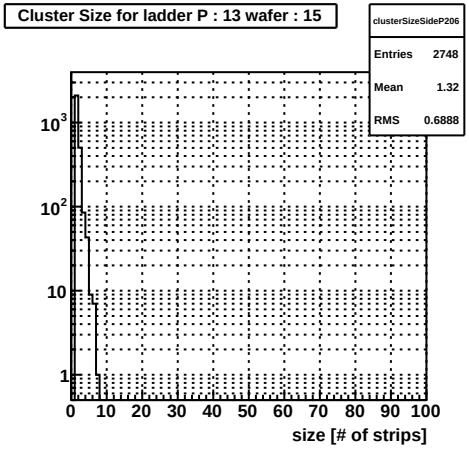

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2651
Mean 1.254
RMS 0.5995
size [# of strips]

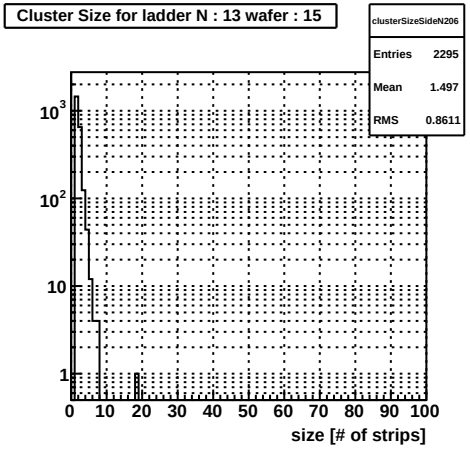

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3586
Mean 1.346
RMS 0.6814
size [# of strips]

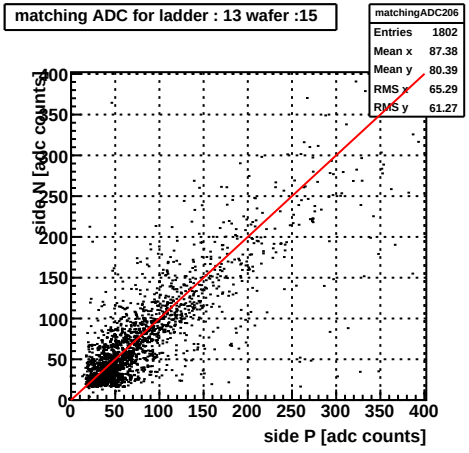

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1258
Mean x 82.32
Mean y 85.06
RMS x 58.34
RMS y 57.77
side N [adc counts]
side P [adc counts]

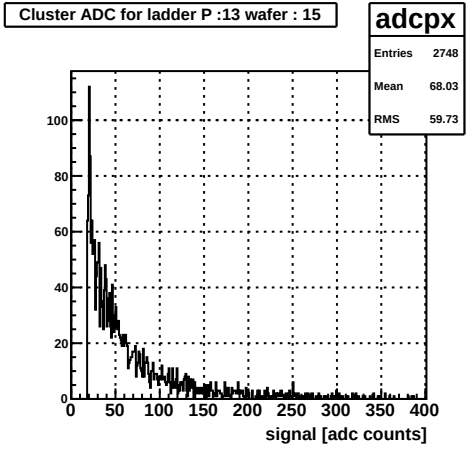

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2651
Mean 54.01
RMS 52.39
signal [adc counts]

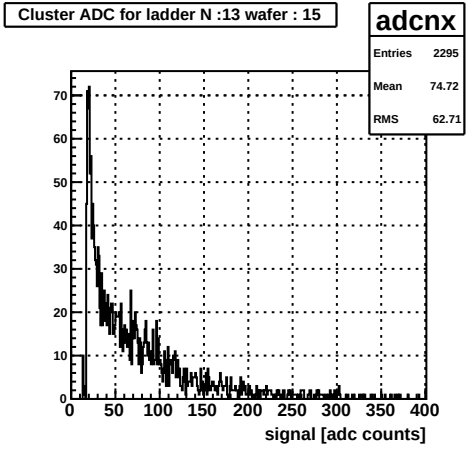

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3586
Mean 56.49
RMS 55.92
signal [adc counts]

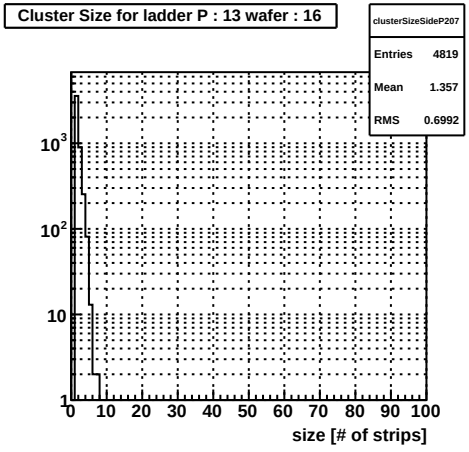

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2748
Mean 1.32
RMS 0.6888
size [# of strips]

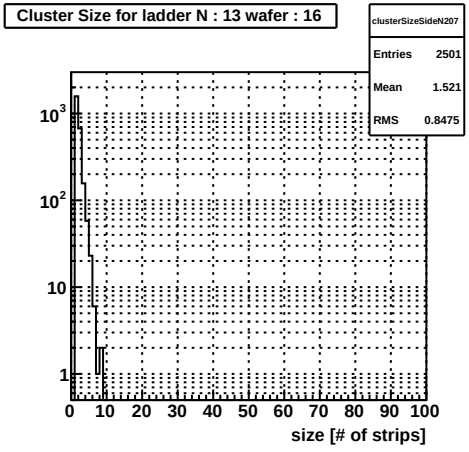

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2295
Mean 1.497
RMS 0.8611
size [# of strips]

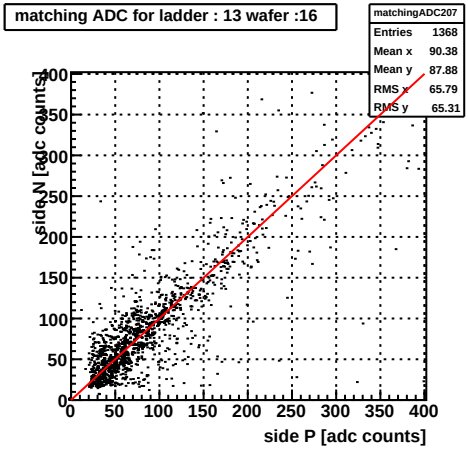

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1802
Mean x 87.38
Mean y 80.39
RMS x 65.29
RMS y 61.27
side N [adc counts]
side P [adc counts]

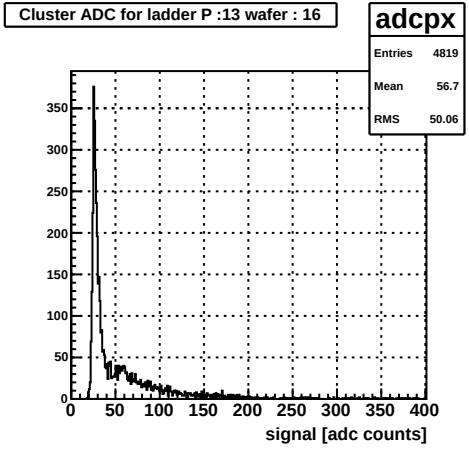

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2748
Mean 68.03
RMS 59.73
signal [adc counts]

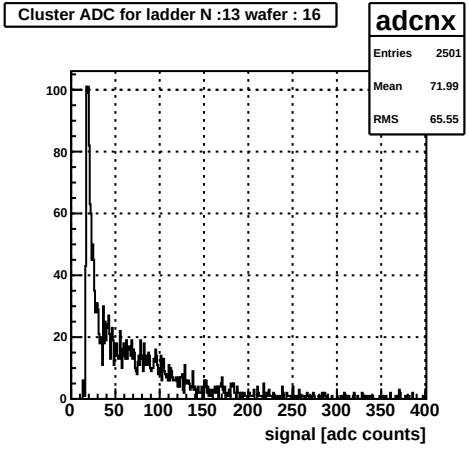

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2295
Mean 74.72
RMS 62.71
signal [adc counts]

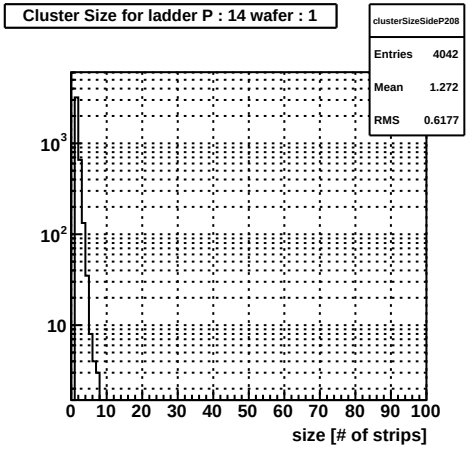

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4819
Mean 1.357
RMS 0.6992
size [# of strips]

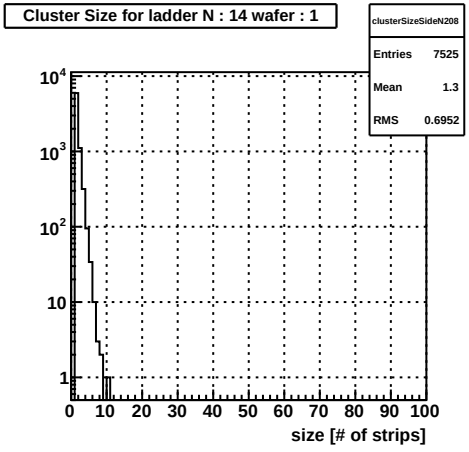

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2501
Mean 1.521
RMS 0.8475
size [# of strips]

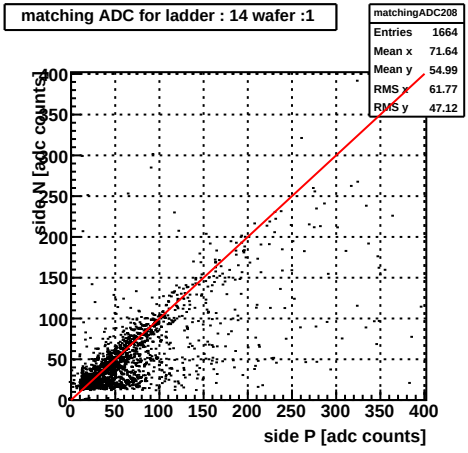

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1368
Mean x 90.38
Mean y 87.88
RMS x 65.79
RMS y 65.31
side N [adc counts]
side P [adc counts]

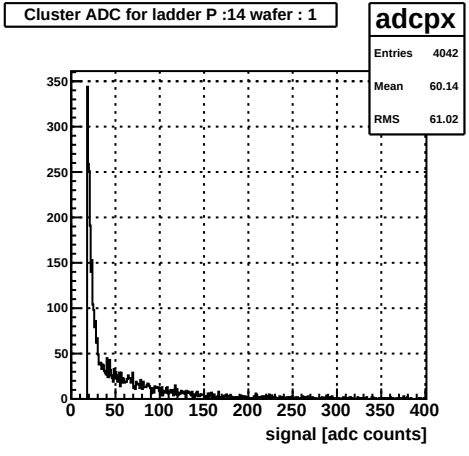

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4819
Mean 56.7
RMS 50.06
signal [adc counts]

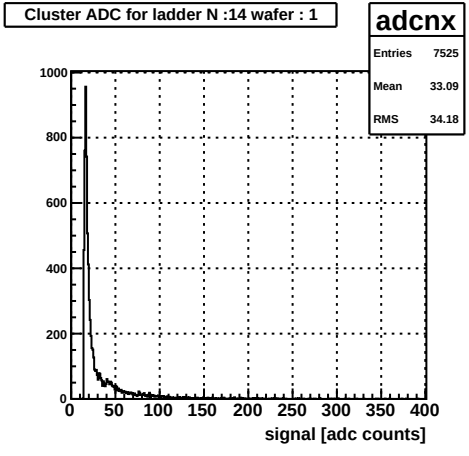

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2501
Mean 71.99
RMS 65.55
signal [adc counts]

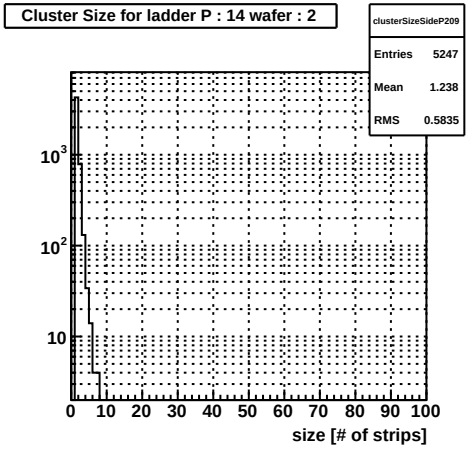

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4042
Mean 1.272
RMS 0.6177
size [# of strips]

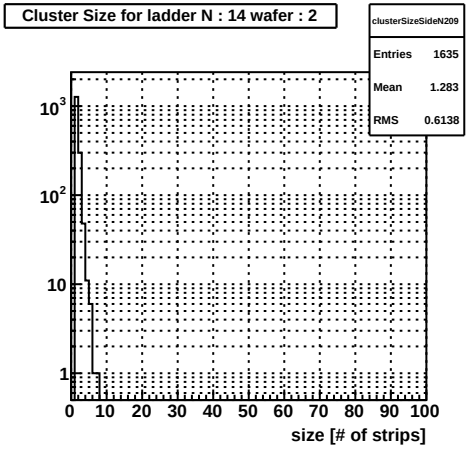

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7525
Mean 1.3
RMS 0.6952
size [# of strips]

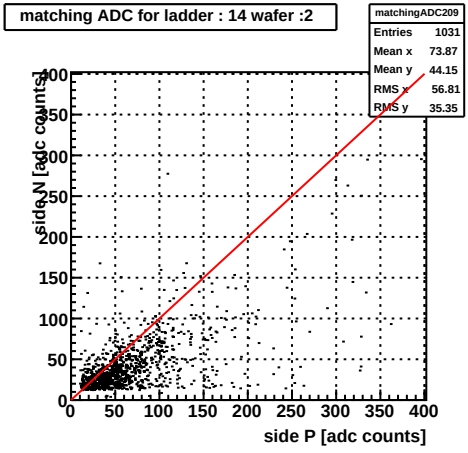

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1664
Mean x 71.64
Mean y 54.99
RMS x 61.77
RMS y 47.12
side N [adc counts]
side P [adc counts]

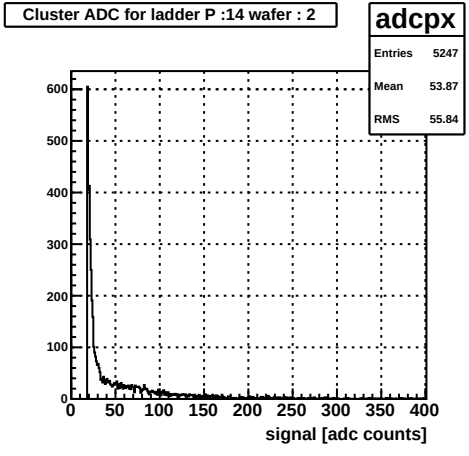

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4042
Mean 60.14
RMS 61.02
signal [adc counts]

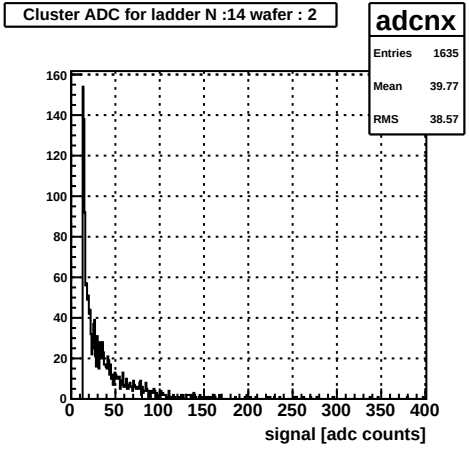

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7525
Mean 33.09
RMS 34.18
signal [adc counts]

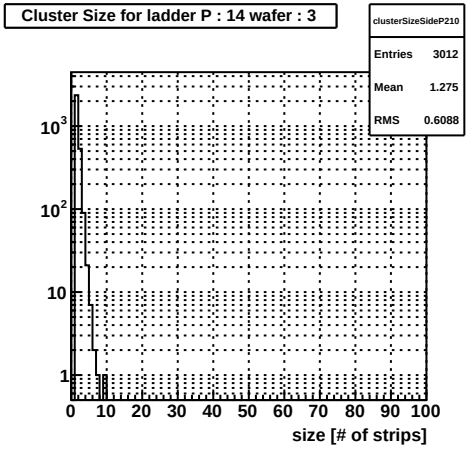

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5247
Mean 1.238
RMS 0.5835
size [# of strips]

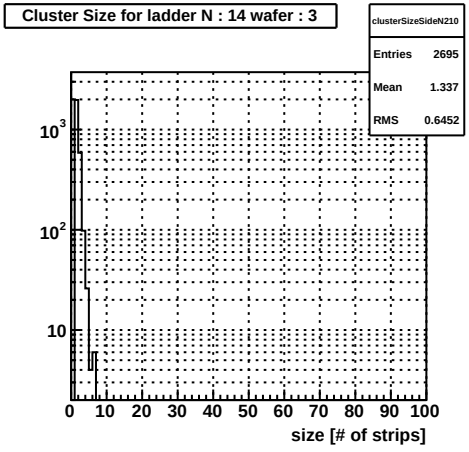

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1635
Mean 1.283
RMS 0.6138
size [# of strips]

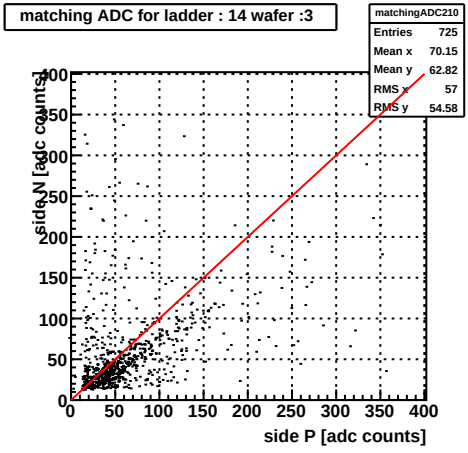

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1031
Mean x 73.87
Mean y 44.15
RMS x 56.81
RMS y 35.35
side N [adc counts]
side P [adc counts]

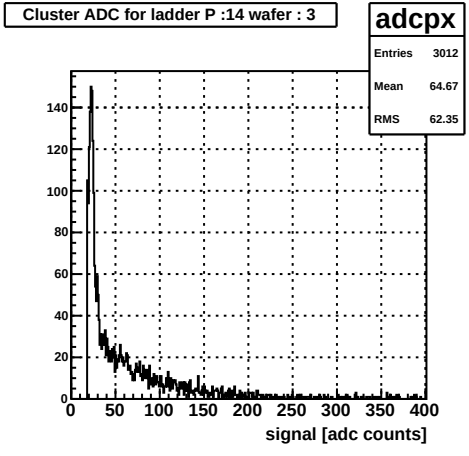

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5247
Mean 53.87
RMS 55.84
signal [adc counts]

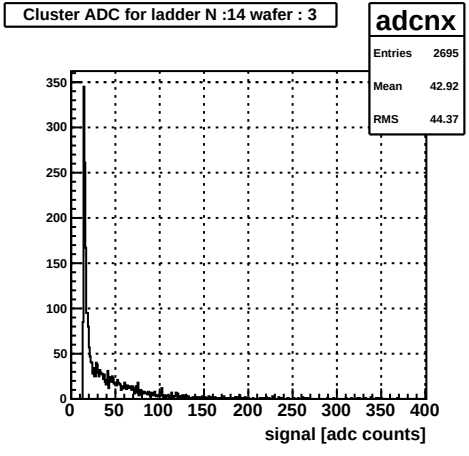

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1635
Mean 39.77
RMS 38.57
signal [adc counts]

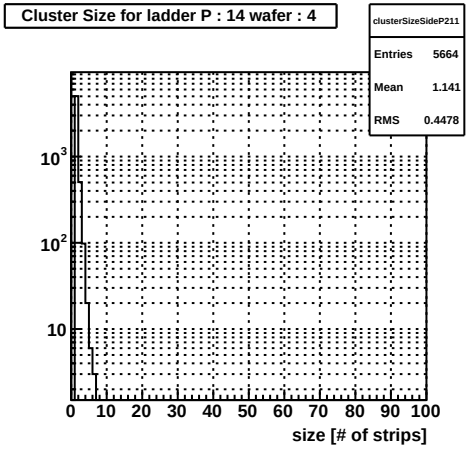

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3012
Mean 1.275
RMS 0.6088
size [# of strips]

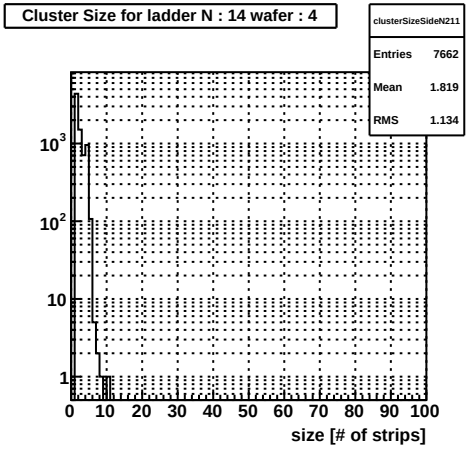

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2695
Mean 1.337
RMS 0.6452
size [# of strips]

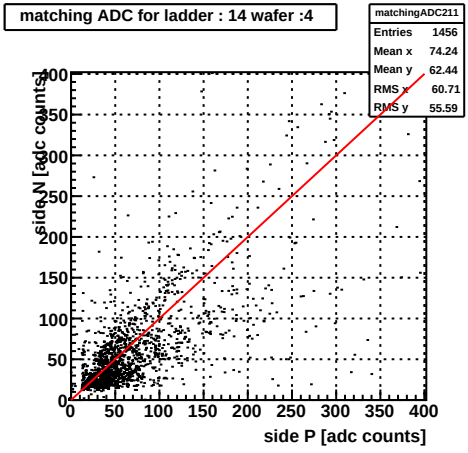

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 725
Mean x 70.15
Mean y 62.82
RMS x 57
RMS y 54.58
side N [adc counts]
side P [adc counts]

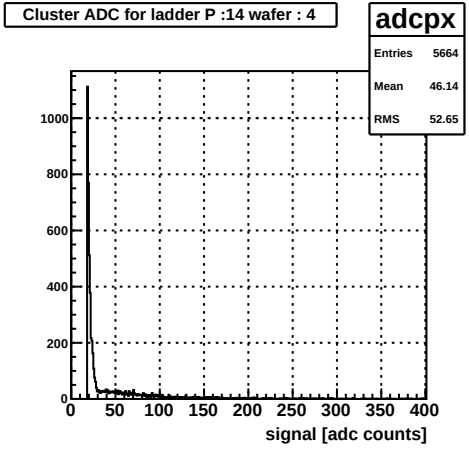

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3012
Mean 64.67
RMS 62.35
signal [adc counts]

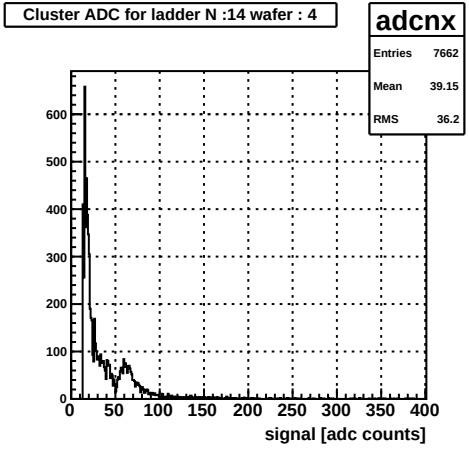

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2695
Mean 42.92
RMS 44.37
signal [adc counts]

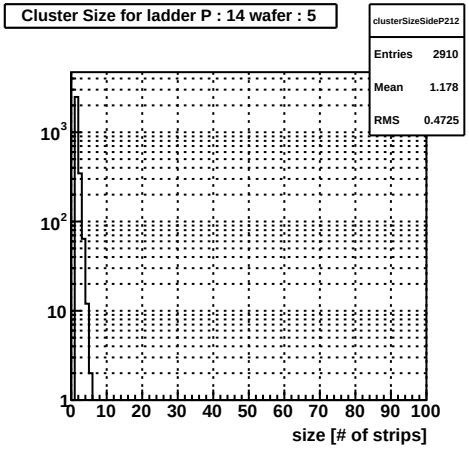

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5664
Mean 1.141
RMS 0.4478
size [# of strips]

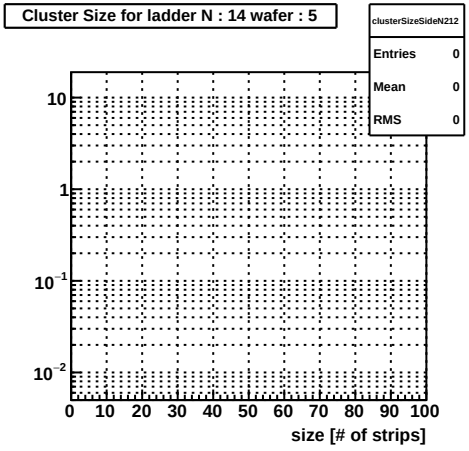

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7662
Mean 1.819
RMS 1.134
size [# of strips]

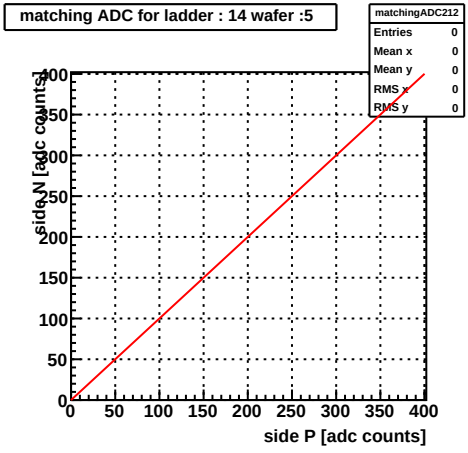

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1456
Mean x 74.24
Mean y 62.44
RMS x 60.71
RMS y 55.59
side N [adc counts]
side P [adc counts]

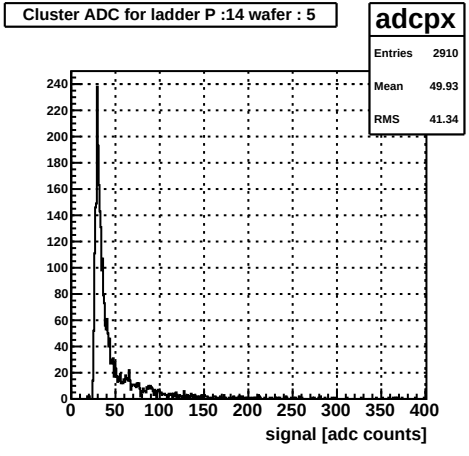

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5664
Mean 46.14
RMS 52.65
signal [adc counts]

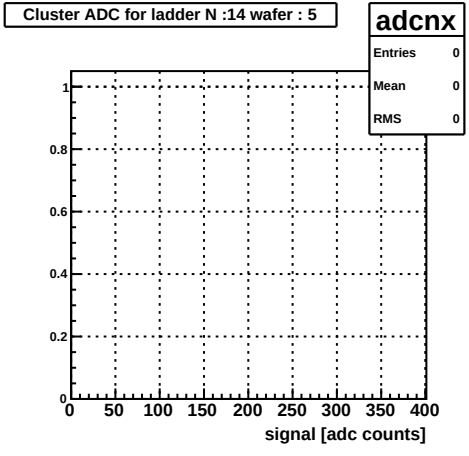

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7662
Mean 39.15
RMS 36.2
signal [adc counts]

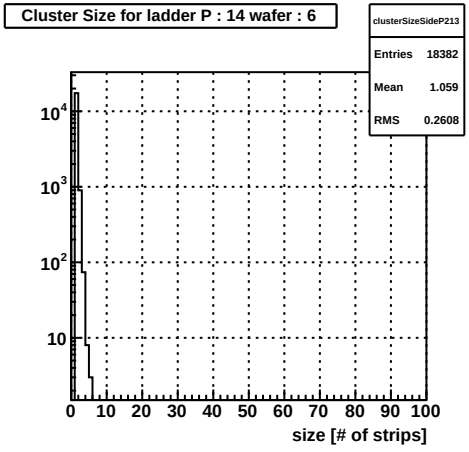

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 2910
Mean 1.178
RMS 0.4725
size [# of strips]

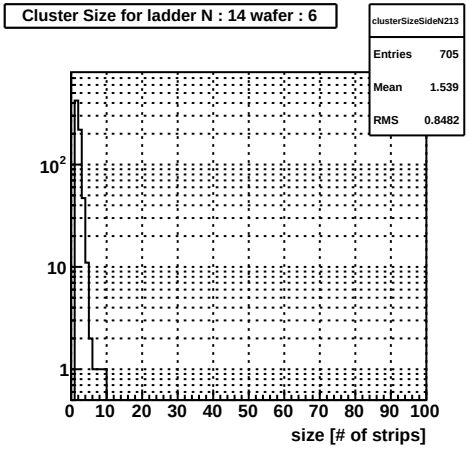

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

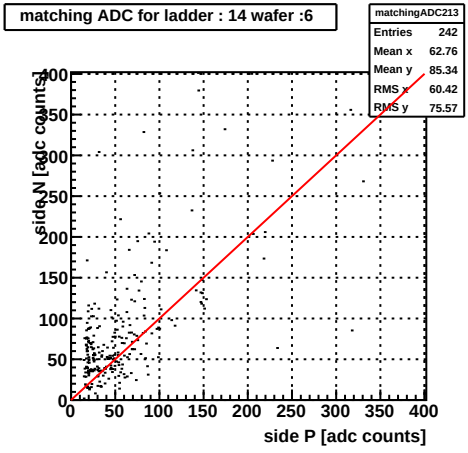

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

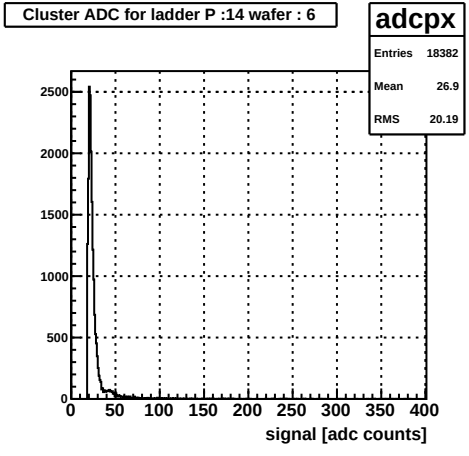

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 2910
Mean 49.93
RMS 41.34
signal [adc counts]

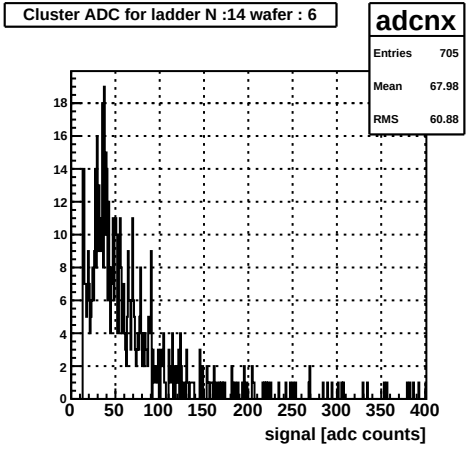

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

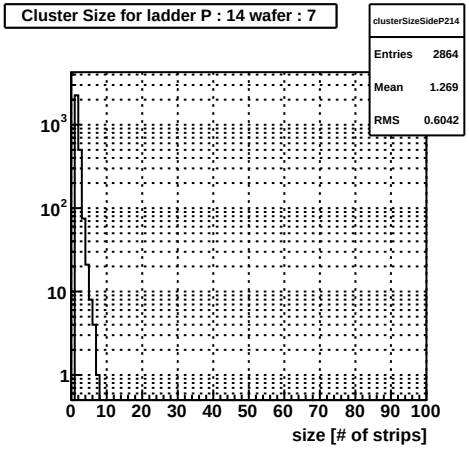

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 18382
Mean 1.059
RMS 0.2608
size [# of strips]

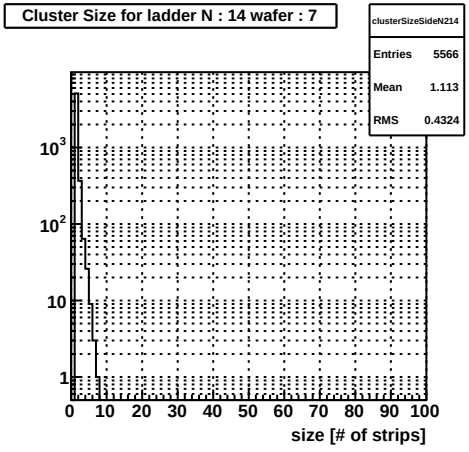

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 705
Mean 1.539
RMS 0.8482
size [# of strips]

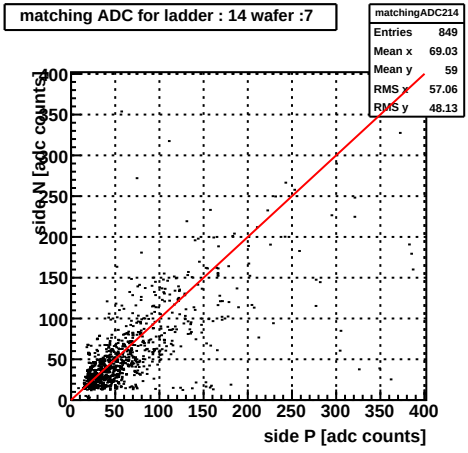

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 242
Mean x 62.76
Mean y 85.34
RMS x 60.42
RMS y 75.57
side N [adc counts]
side P [adc counts]

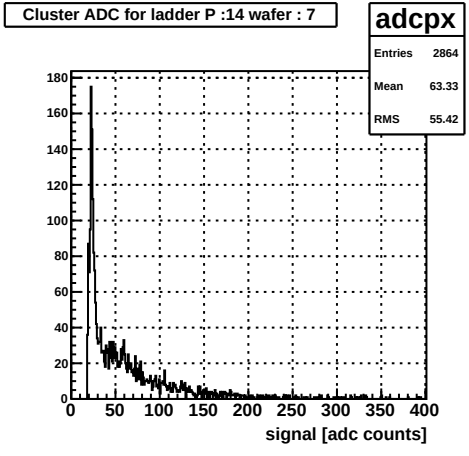

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 18382
Mean 26.9
RMS 20.19
signal [adc counts]

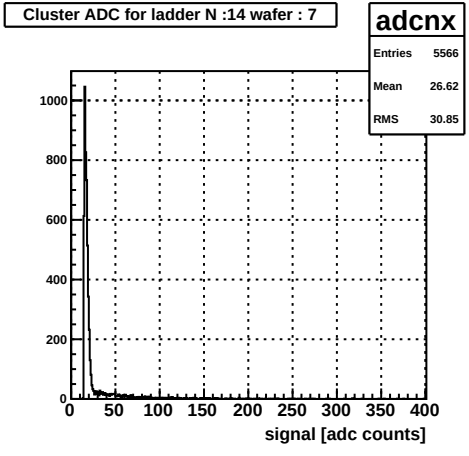

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 705
Mean 67.98
RMS 60.88
signal [adc counts]

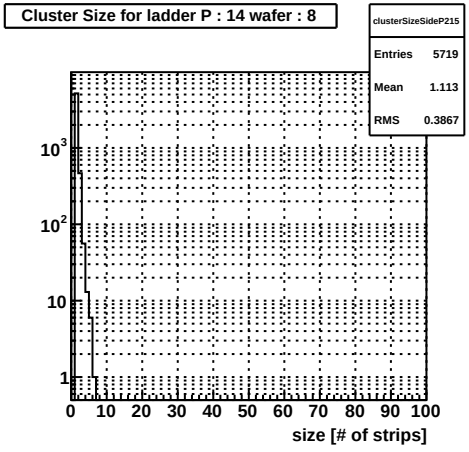

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2864
Mean 1.269
RMS 0.6042
size [# of strips]

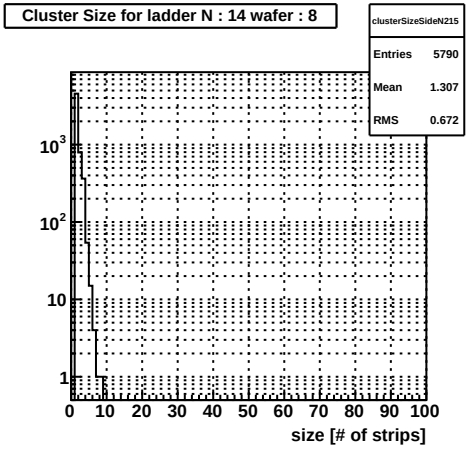

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5566
Mean 1.113
RMS 0.4324
size [# of strips]

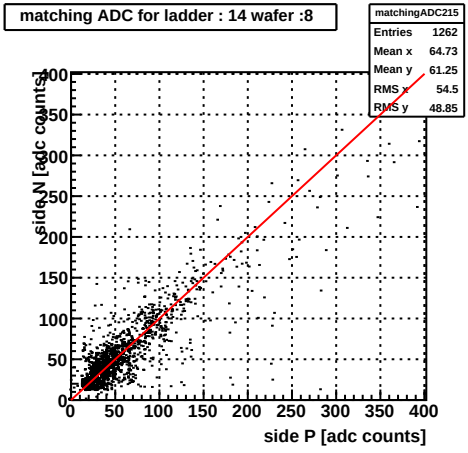

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 849
Mean x 69.03
Mean y 59
RMS x 57.06
RMS y 48.13
side N [adc counts]
side P [adc counts]

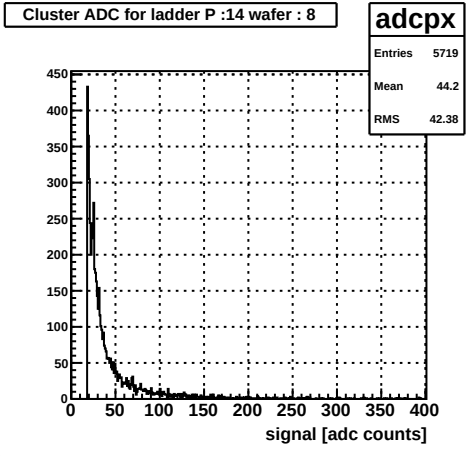

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2864
Mean 63.33
RMS 55.42
signal [adc counts]

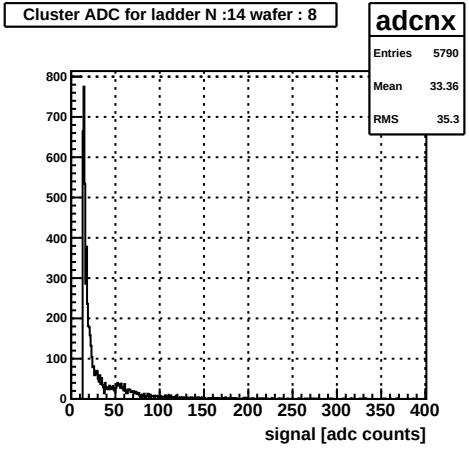

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5566
Mean 26.62
RMS 30.85
signal [adc counts]

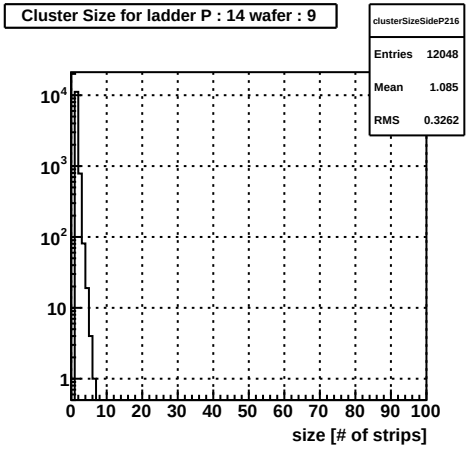

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 5719
Mean 1.113
RMS 0.3867
size [# of strips]

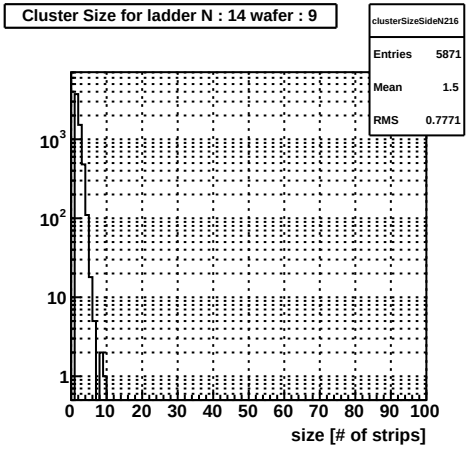

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5790
Mean 1.307
RMS 0.672
size [# of strips]

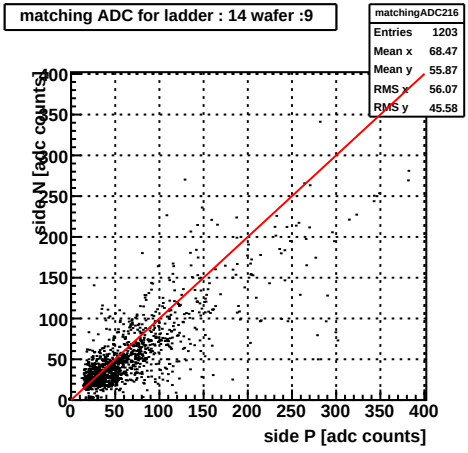

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1262
Mean x 64.73
Mean y 61.25
RMS x 54.5
RMS y 48.85
side N [adc counts]
side P [adc counts]

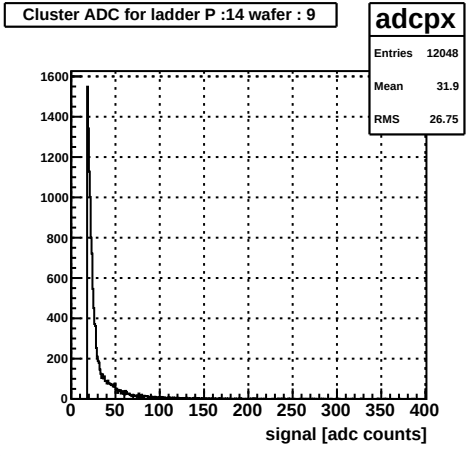

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 5719
Mean 44.2
RMS 42.38
signal [adc counts]

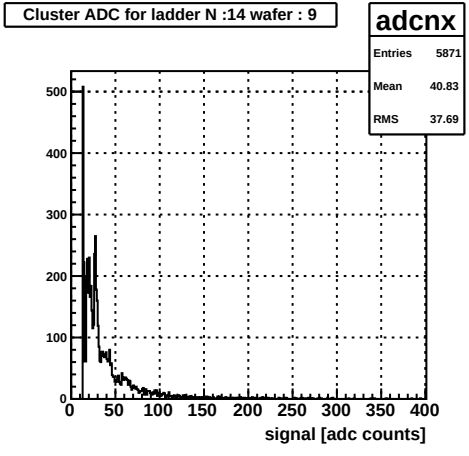

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5790
Mean 33.36
RMS 35.3
signal [adc counts]

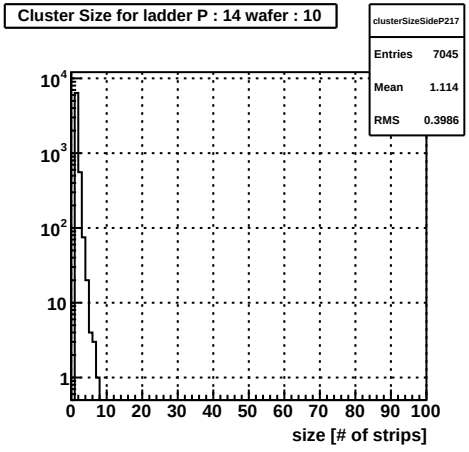

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12048
Mean 1.085
RMS 0.3262
size [# of strips]

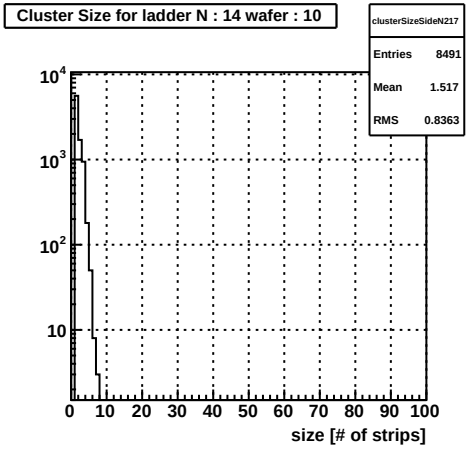

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5871
Mean 1.5
RMS 0.7771
size [# of strips]

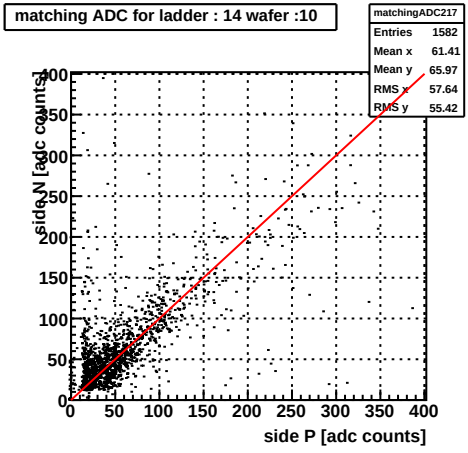

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1203
Mean x 68.47
Mean y 55.87
RMS x 56.07
RMS y 45.58
side N [adc counts]
side P [adc counts]

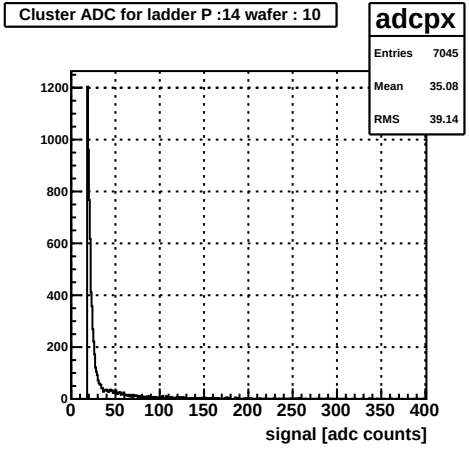

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12048
Mean 31.9
RMS 26.75
signal [adc counts]

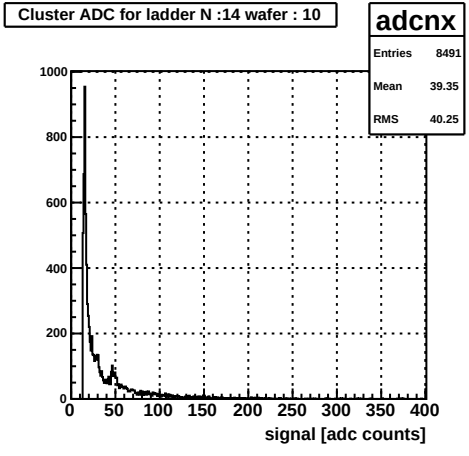

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5871
Mean 40.83
RMS 37.69
signal [adc counts]

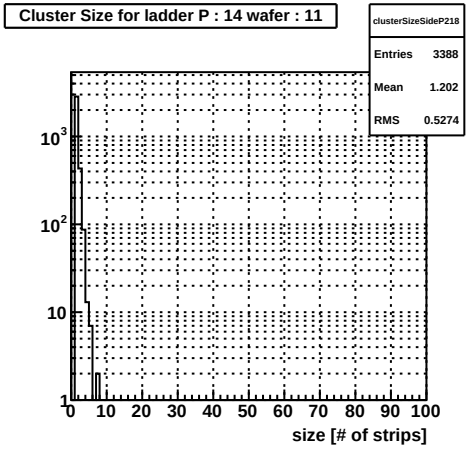

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7045
Mean 1.114
RMS 0.3986
size [# of strips]

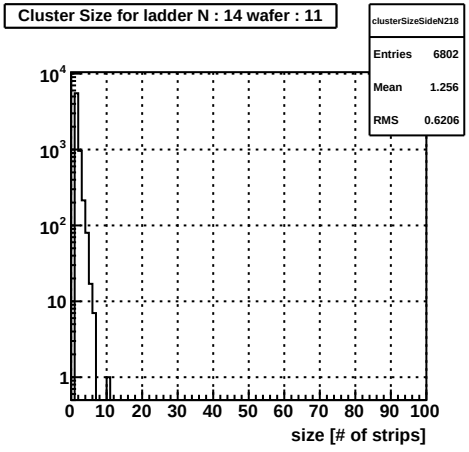

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8491
Mean 1.517
RMS 0.8363
size [# of strips]

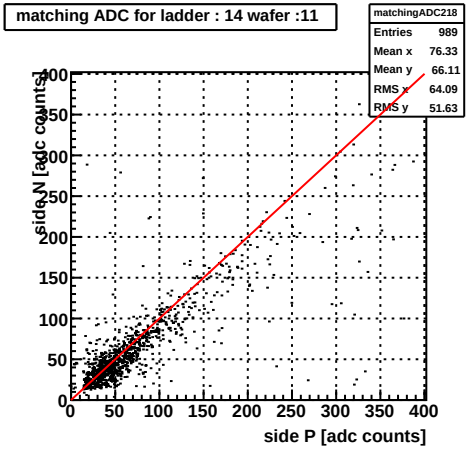

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1582
Mean x 61.41
Mean y 65.97
RMS x 57.64
RMS y 55.42
side N [adc counts]
side P [adc counts]

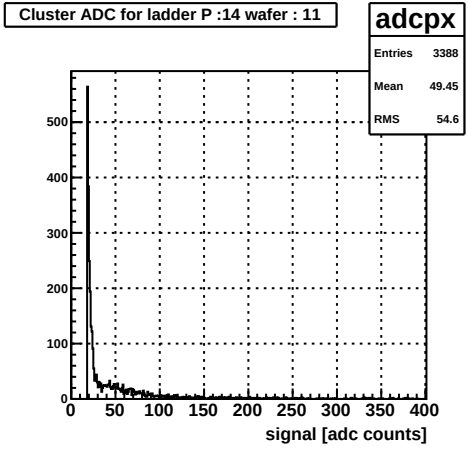

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7045
Mean 35.08
RMS 39.14
signal [adc counts]

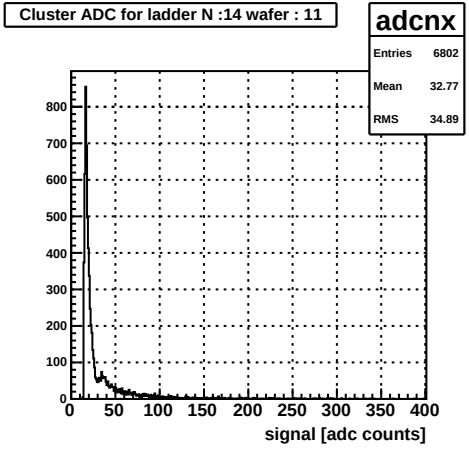

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8491
Mean 39.35
RMS 40.25
signal [adc counts]

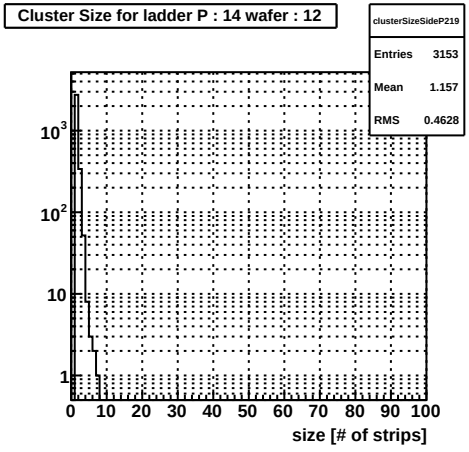

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3388
Mean 1.202
RMS 0.5274
size [# of strips]

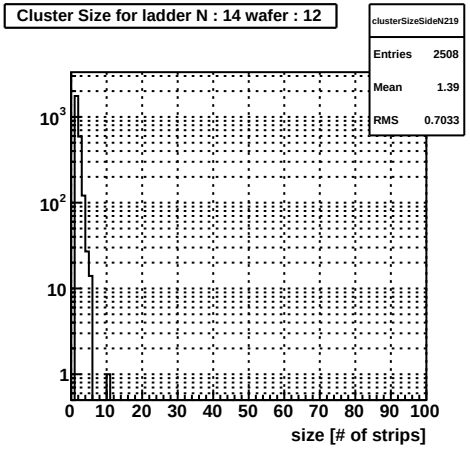

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 6802
Mean 1.256
RMS 0.6206
size [# of strips]

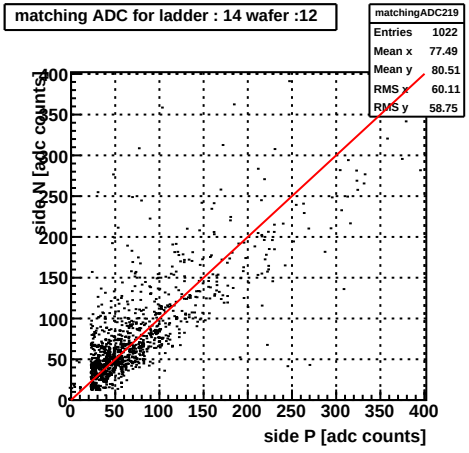

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 989
Mean x 76.33
Mean y 66.11
RMS x 64.09
RMS y 51.63
side N [adc counts]
side P [adc counts]

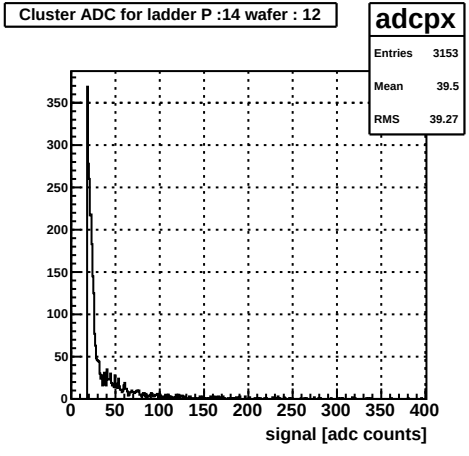

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3388
Mean 49.45
RMS 54.6
signal [adc counts]

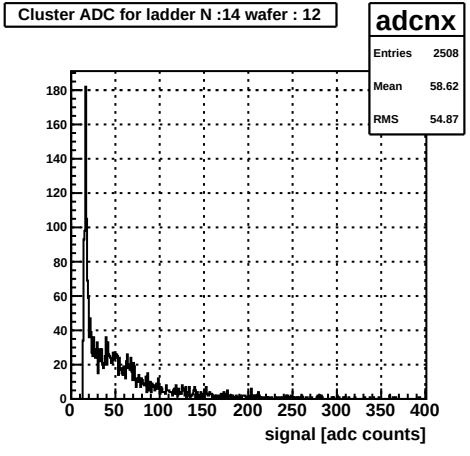

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 6802
Mean 32.77
RMS 34.89
signal [adc counts]

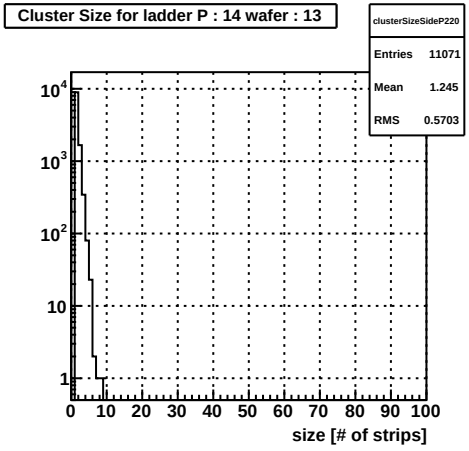

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3153
Mean 1.157
RMS 0.4628
size [# of strips]

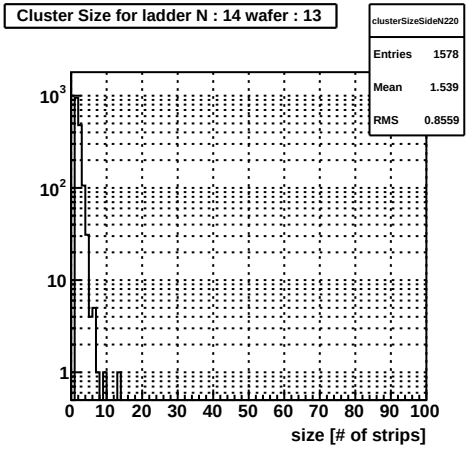

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2508
Mean 1.39
RMS 0.7033
size [# of strips]

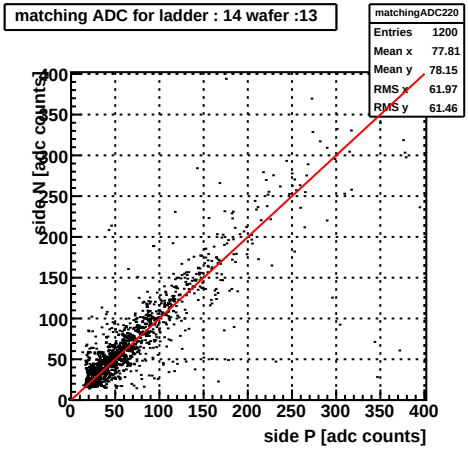

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 1022
Mean x 77.49
Mean y 80.51
RMS x 60.11
RMS y 58.75
side N [adc counts]
side P [adc counts]

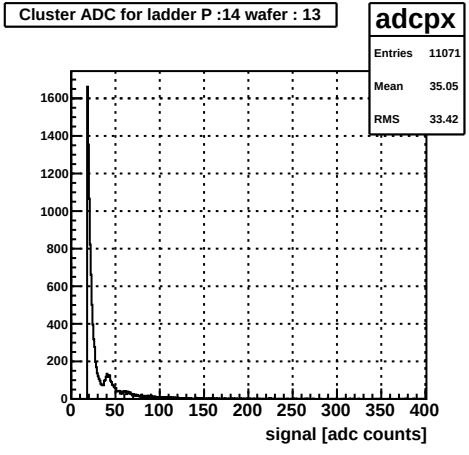

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3153
Mean 39.5
RMS 39.27
signal [adc counts]

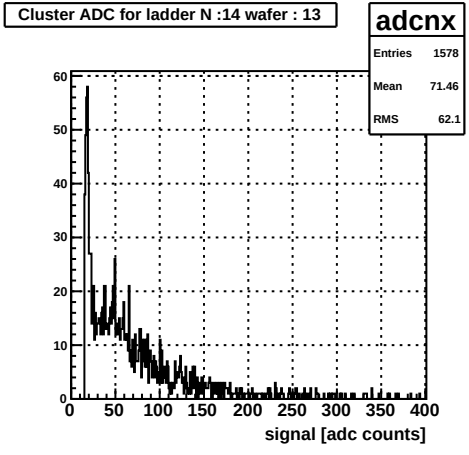

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2508
Mean 58.62
RMS 54.87
signal [adc counts]

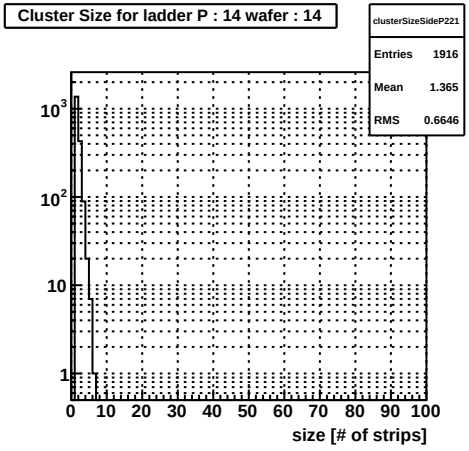

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 11071
Mean 1.245
RMS 0.5703
size [# of strips]

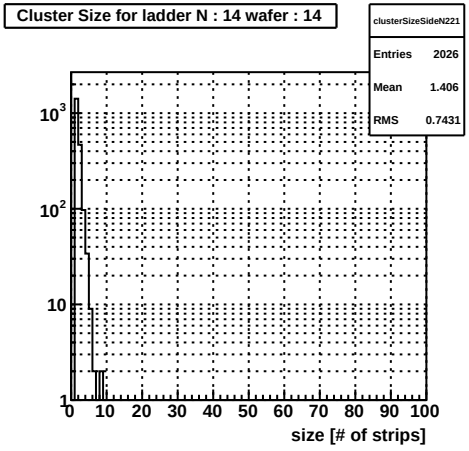

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1578
Mean 1.539
RMS 0.8559
size [# of strips]

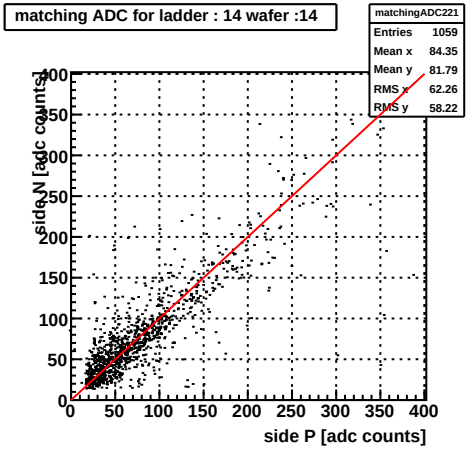

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1200
Mean x 77.81
Mean y 78.15
RMS x 61.97
RMS y 61.46
side N [adc counts]
side P [adc counts]

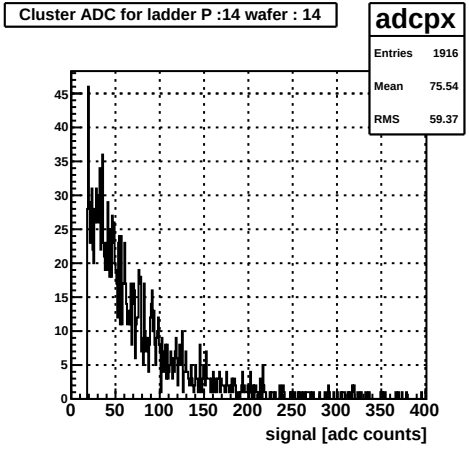

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 11071
Mean 35.05
RMS 33.42
signal [adc counts]

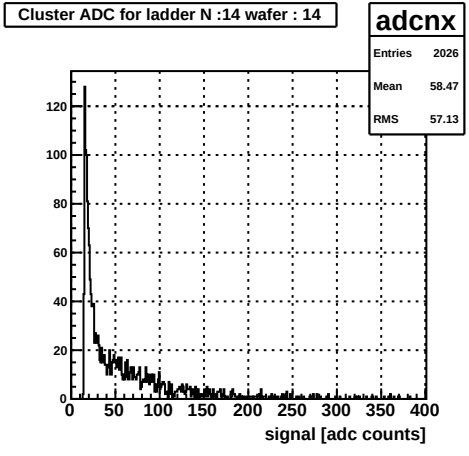

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1578
Mean 71.46
RMS 62.1
signal [adc counts]

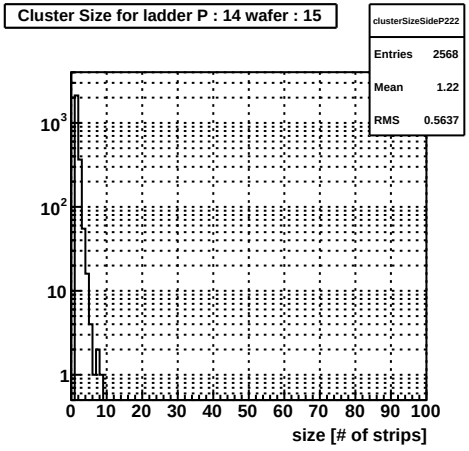

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1916
Mean 1.365
RMS 0.6646
size [# of strips]

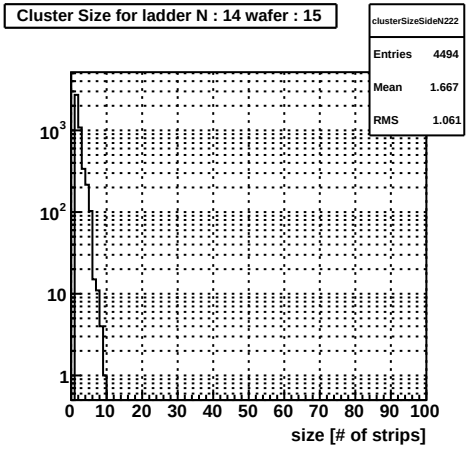

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2026
Mean 1.406
RMS 0.7431
size [# of strips]

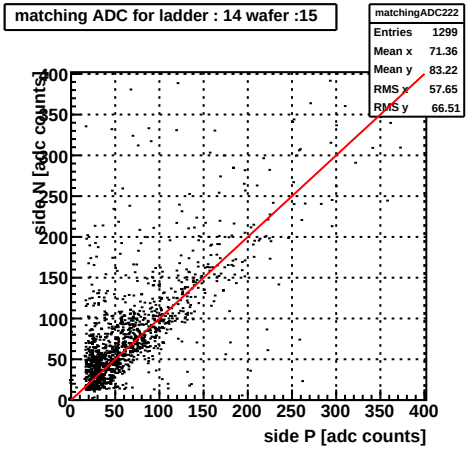

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1059
Mean x 84.35
Mean y 81.79
RMS x 62.26
RMS y 58.22
side N [adc counts]
side P [adc counts]

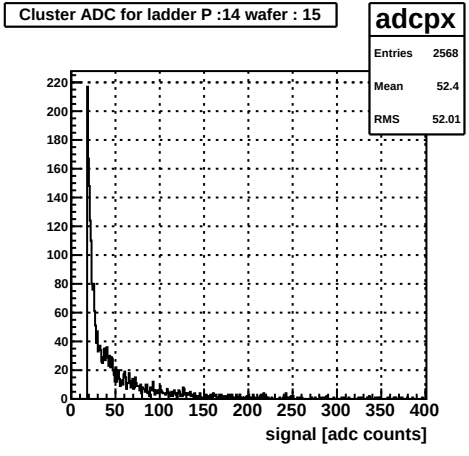

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1916
Mean 75.54
RMS 59.37
signal [adc counts]

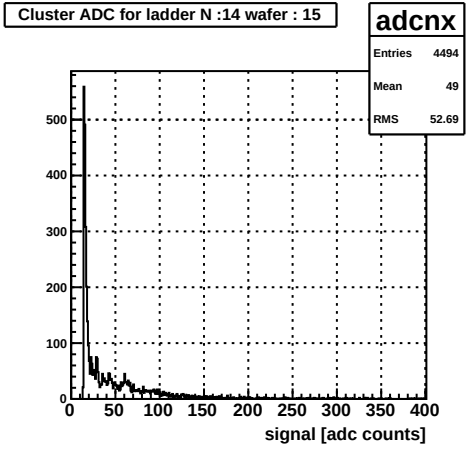

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2026
Mean 58.47
RMS 57.13
signal [adc counts]

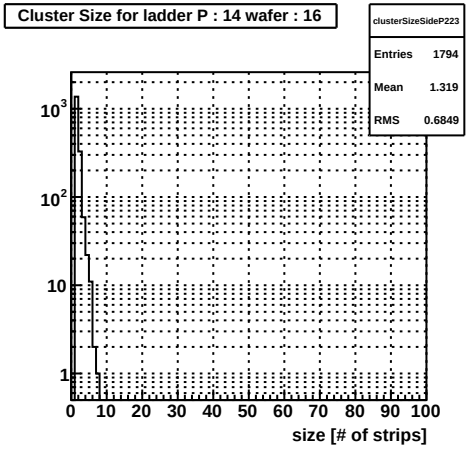

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2568
Mean 1.22
RMS 0.5637
size [# of strips]

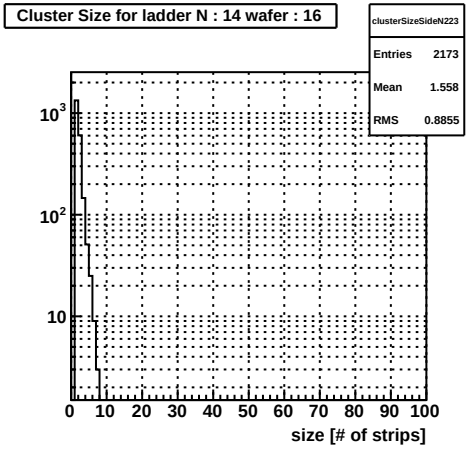

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4494
Mean 1.667
RMS 1.061
size [# of strips]

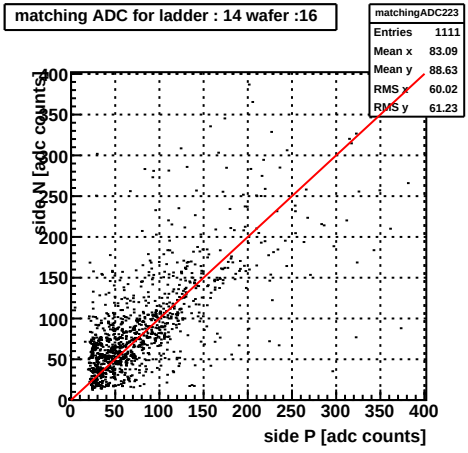

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1299
Mean x 71.36
Mean y 83.22
RMS x 57.65
RMS y 66.51
side N [adc counts]
side P [adc counts]

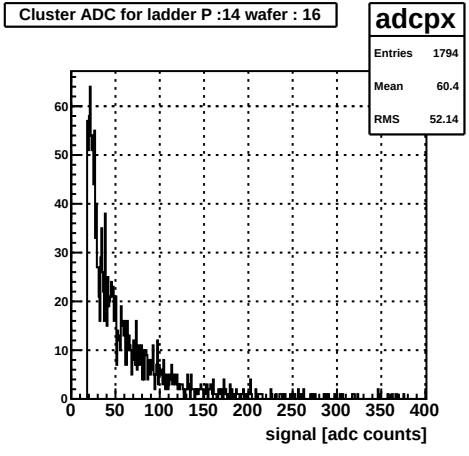

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2568
Mean 52.4
RMS 52.01
signal [adc counts]

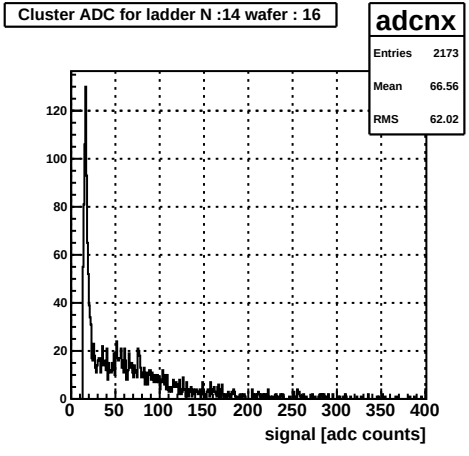

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4494
Mean 49
RMS 52.69
signal [adc counts]

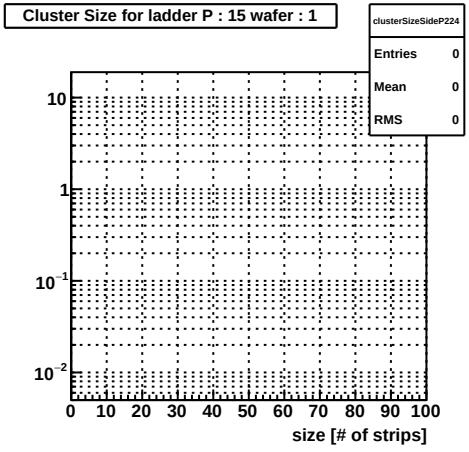

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1794
Mean 1.319
RMS 0.6849
size [# of strips]

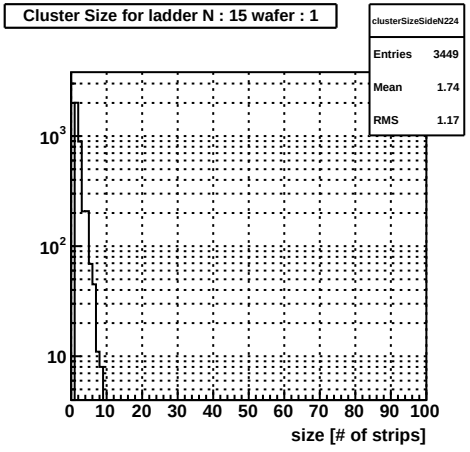

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2173
Mean 1.558
RMS 0.8855
size [# of strips]

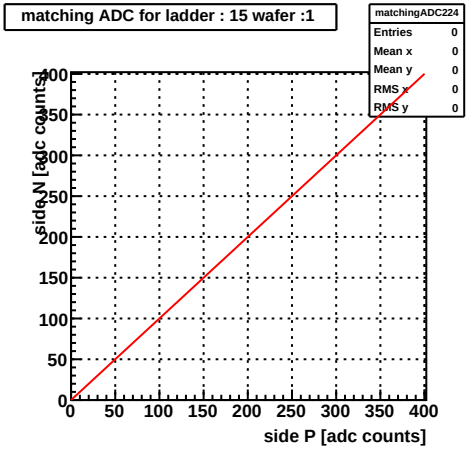

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1111
Mean x 83.09
Mean y 88.63
RMS x 60.02
RMS y 61.23
side N [adc counts]
side P [adc counts]

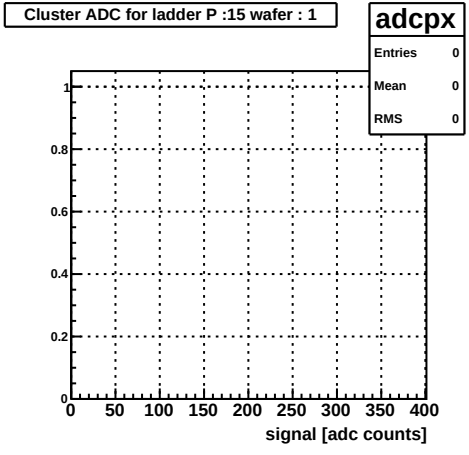

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1794
Mean 60.4
RMS 52.14
signal [adc counts]

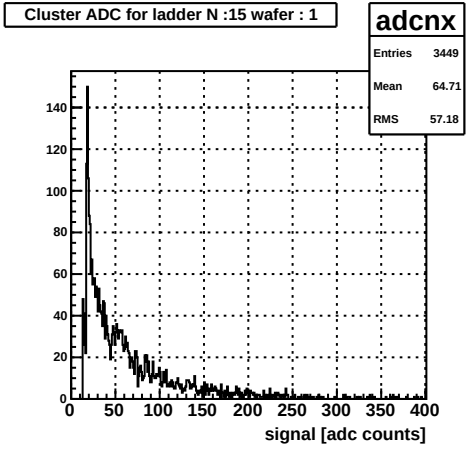

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2173
Mean 66.56
RMS 62.02
signal [adc counts]

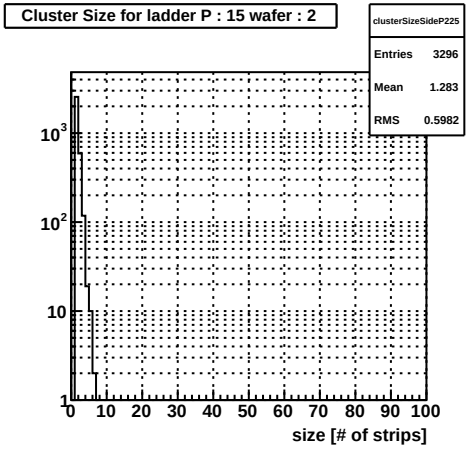

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

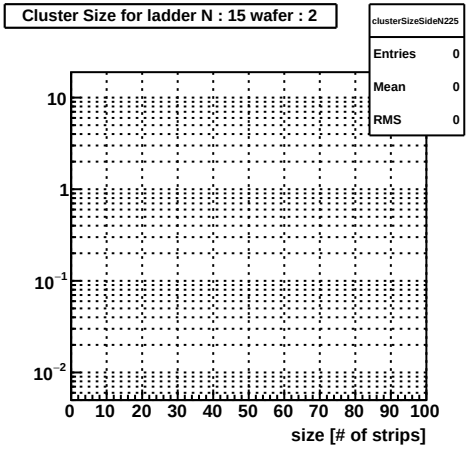

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3449
Mean 1.74
RMS 1.17
size [# of strips]

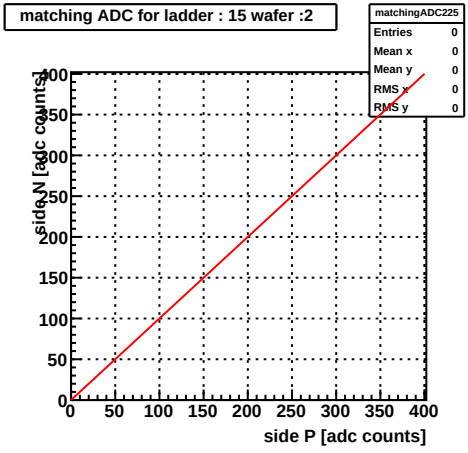

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

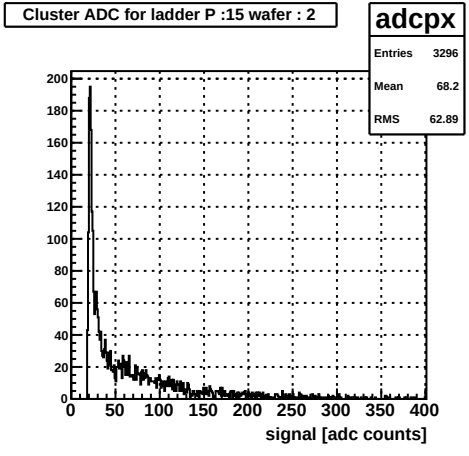

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

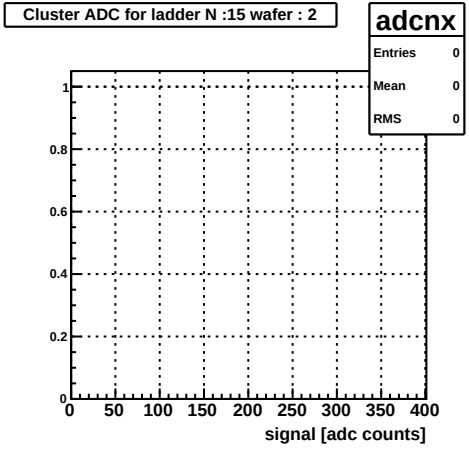

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3449
Mean 64.71
RMS 57.18
signal [adc counts]

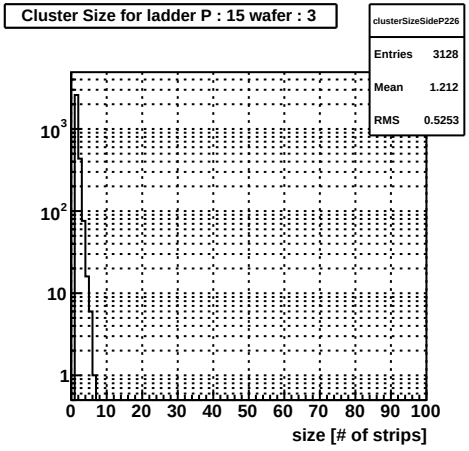

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3296
Mean 1.283
RMS 0.5982
size [# of strips]

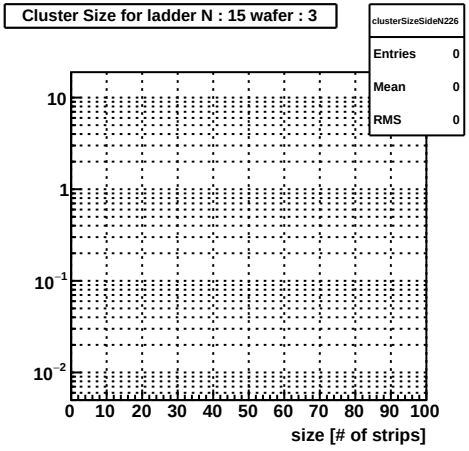

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

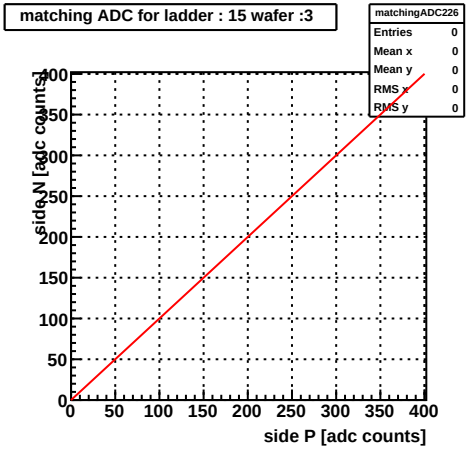

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

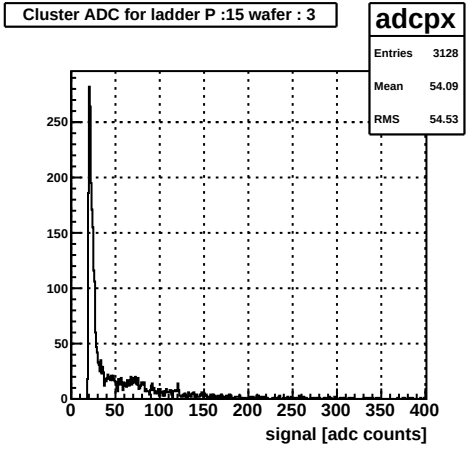

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3296
Mean 68.2
RMS 62.89
signal [adc counts]

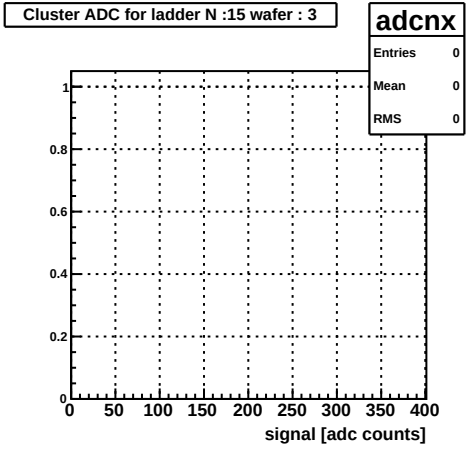

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

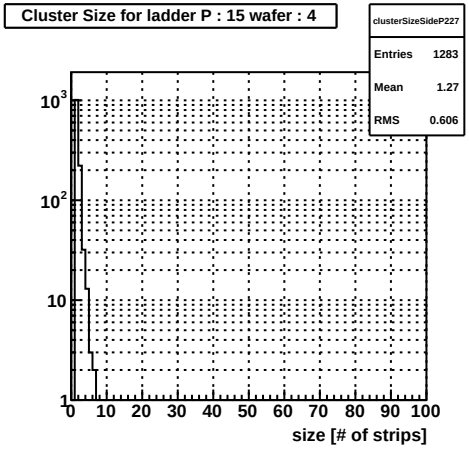

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 3128
Mean 1.212
RMS 0.5253
size [# of strips]

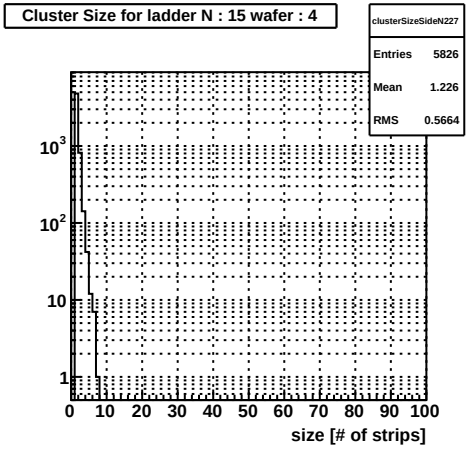

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

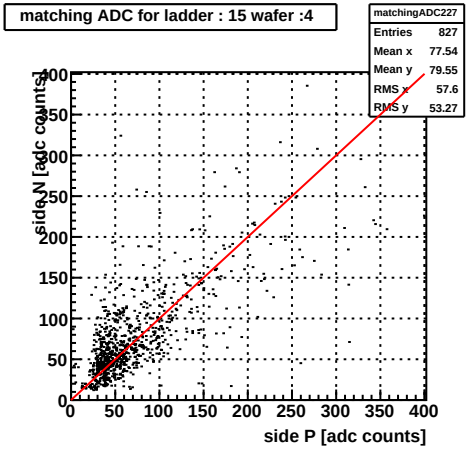

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

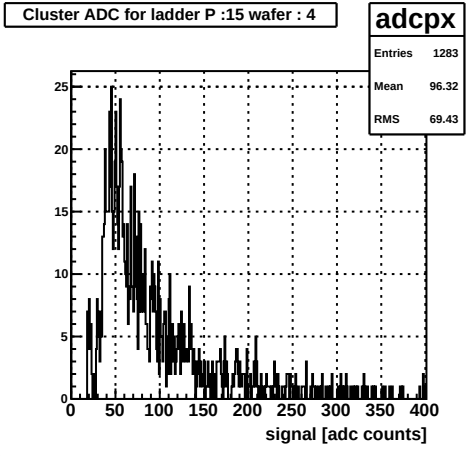

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 3128
Mean 54.09
RMS 54.53
signal [adc counts]

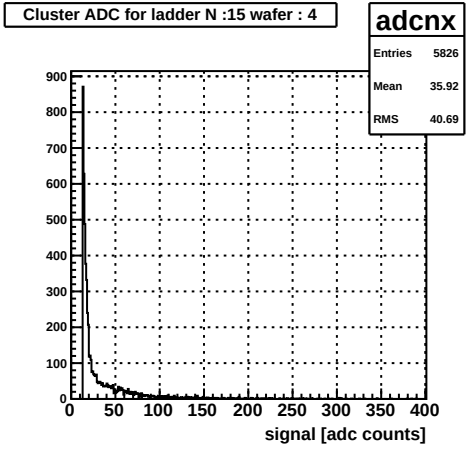

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

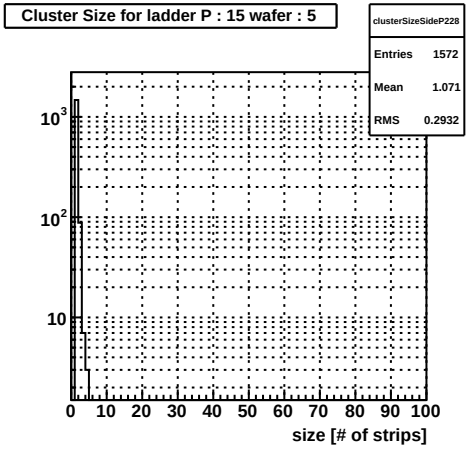

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1283
Mean 1.27
RMS 0.606
size [# of strips]

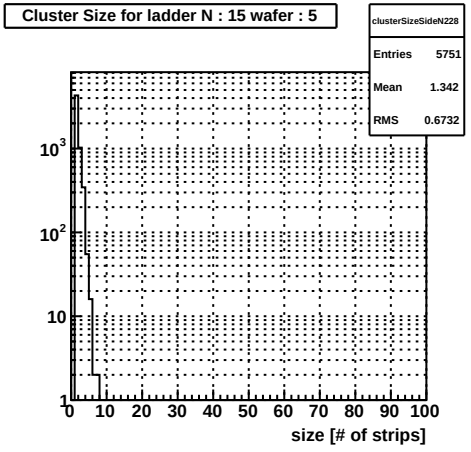

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 5826
Mean 1.226
RMS 0.5664
size [# of strips]

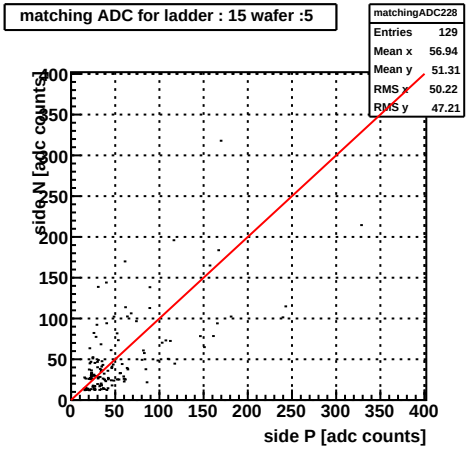

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 827
Mean x 77.54
Mean y 79.55
RMS x 57.6
RMS y 53.27
side N [adc counts]
side P [adc counts]

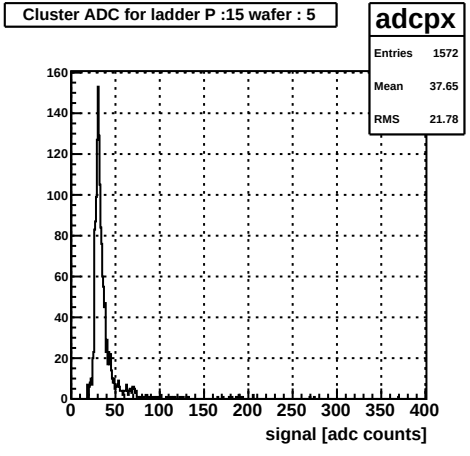

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1283
Mean 96.32
RMS 69.43
signal [adc counts]

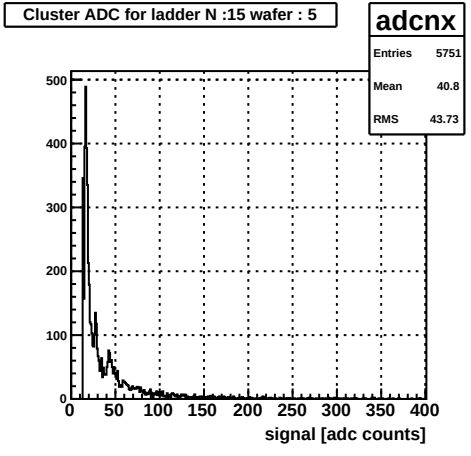

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 5826
Mean 35.92
RMS 40.69
signal [adc counts]

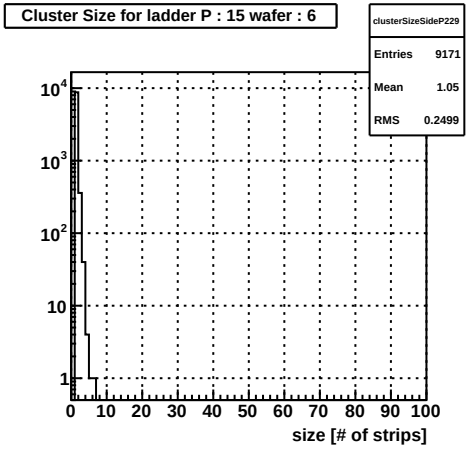

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1572
Mean 1.071
RMS 0.2932
size [# of strips]

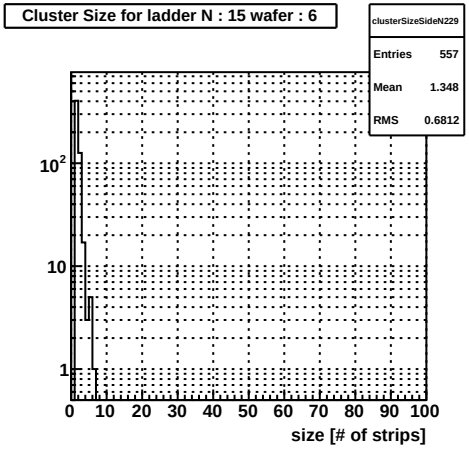

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 5751
Mean 1.342
RMS 0.6732
size [# of strips]

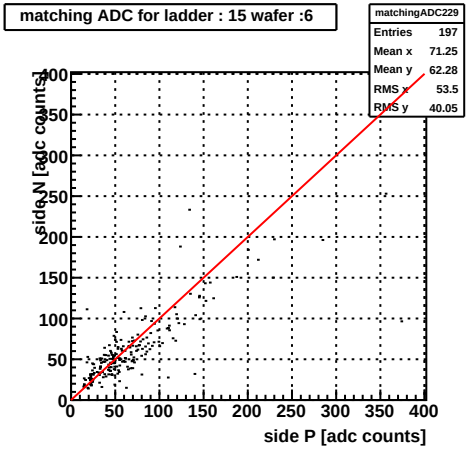

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 129
Mean x 56.94
Mean y 51.31
RMS x 50.22
RMS y 47.21
side N [adc counts]
side P [adc counts]

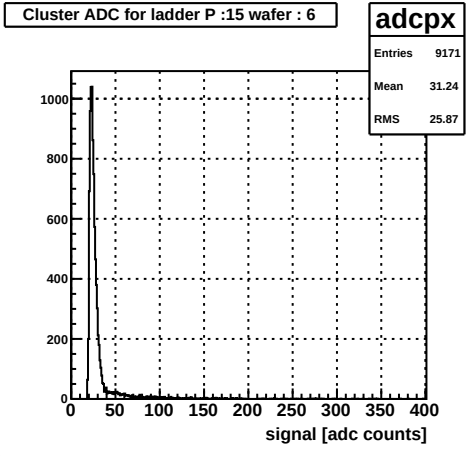

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1572
Mean 37.65
RMS 21.78
signal [adc counts]

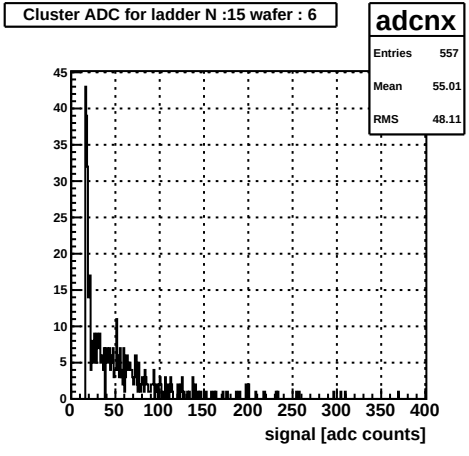

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 5751
Mean 40.8
RMS 43.73
signal [adc counts]

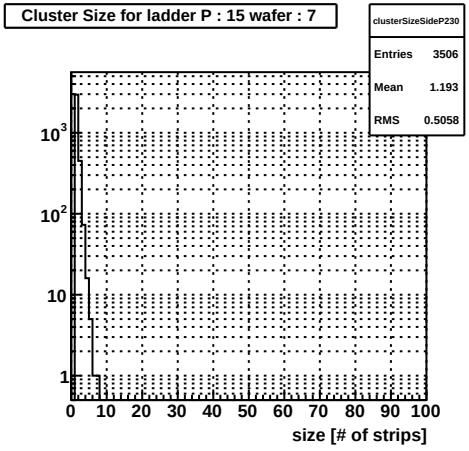

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9171
Mean 1.05
RMS 0.2499
size [# of strips]

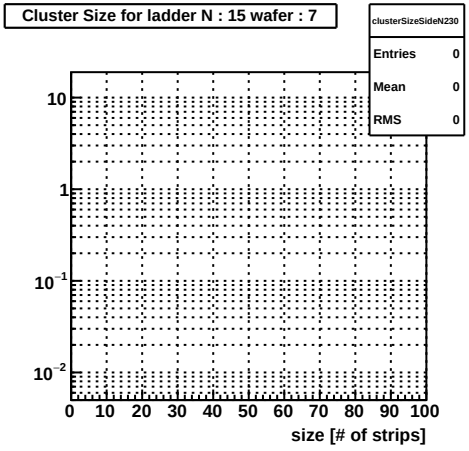

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 557
Mean 1.348
RMS 0.6812
size [# of strips]

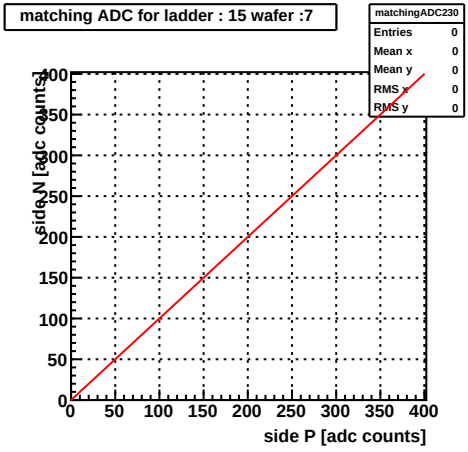

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 197
Mean x 71.25
Mean y 62.28
RMS x 53.5
RMS y 40.05
side N [adc counts]
side P [adc counts]

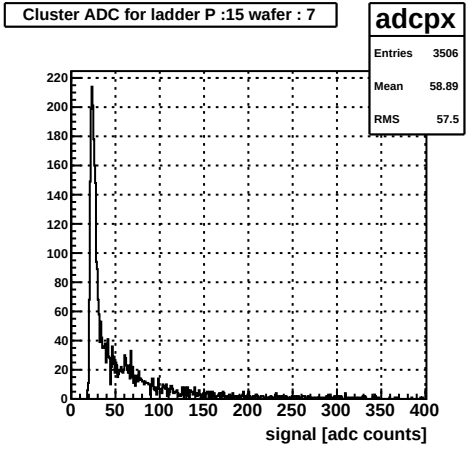

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9171
Mean 31.24
RMS 25.87
signal [adc counts]

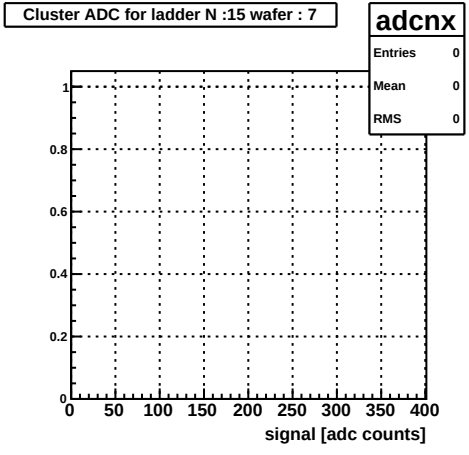

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 557
Mean 55.01
RMS 48.11
signal [adc counts]

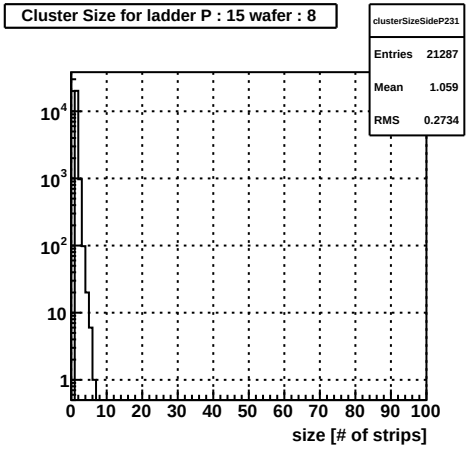

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3506
Mean 1.193
RMS 0.5058
size [# of strips]

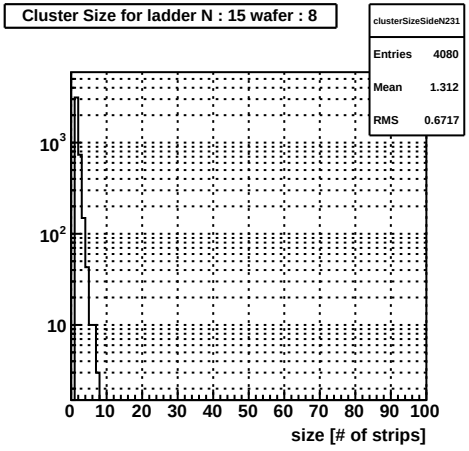

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

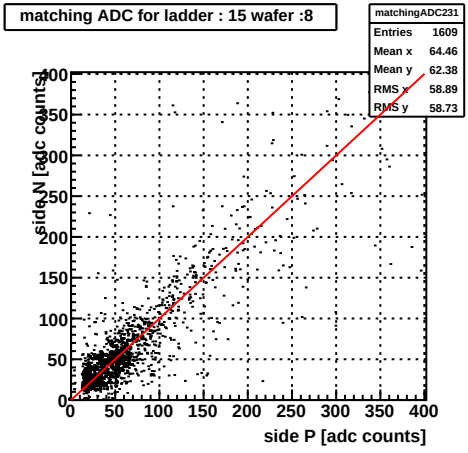

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

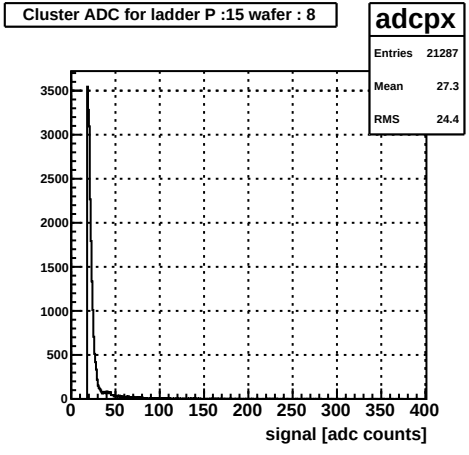

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3506
Mean 58.89
RMS 57.5
signal [adc counts]

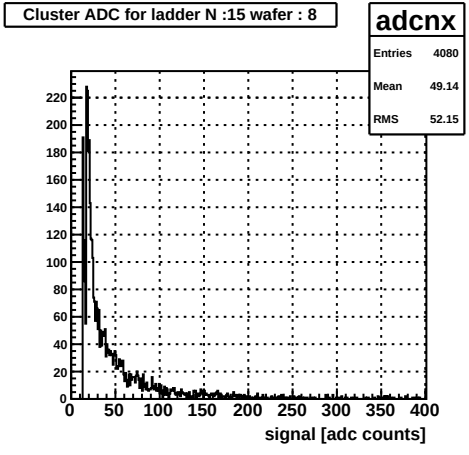

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

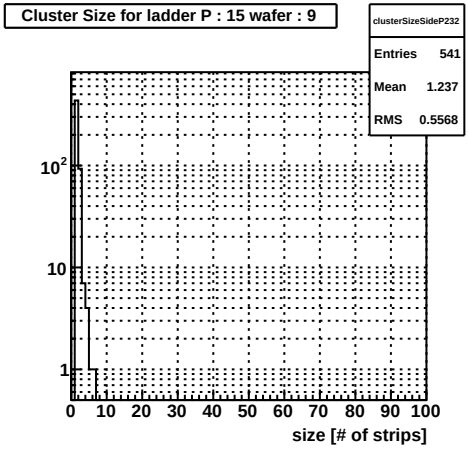

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 21287
Mean 1.059
RMS 0.2734
size [# of strips]

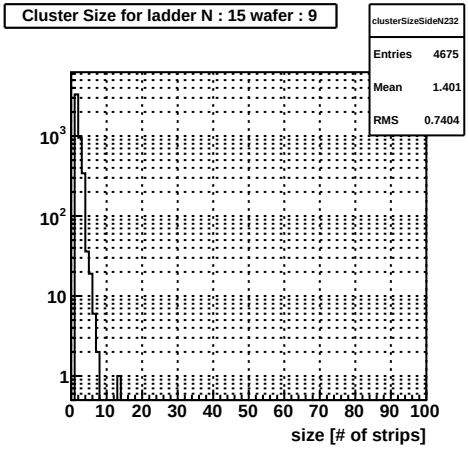

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4080
Mean 1.312
RMS 0.6717
size [# of strips]

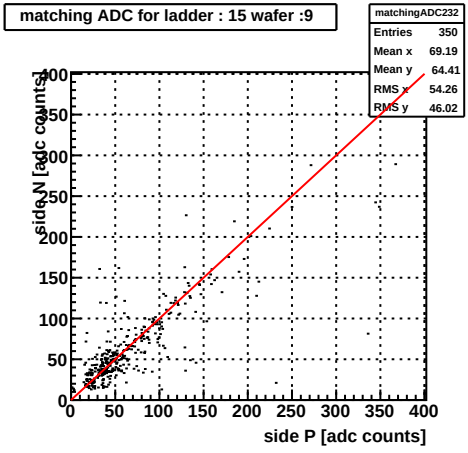

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1609
Mean x 64.46
Mean y 62.38
RMS x 58.89
RMS y 58.73
side N [adc counts]
side P [adc counts]

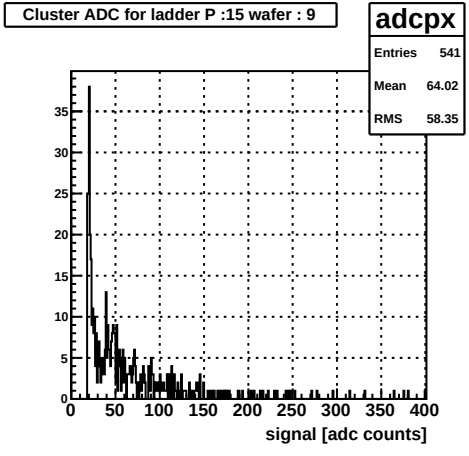

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 21287
Mean 27.3
RMS 24.4
signal [adc counts]

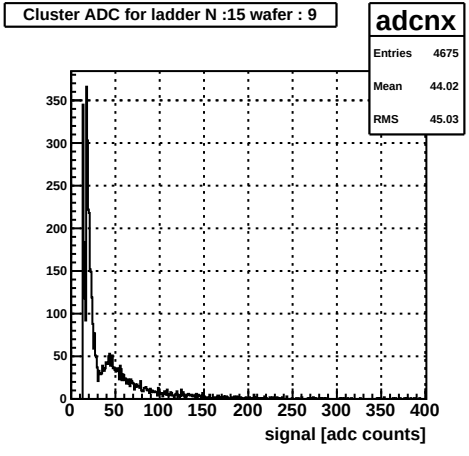

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4080
Mean 49.14
RMS 52.15
signal [adc counts]

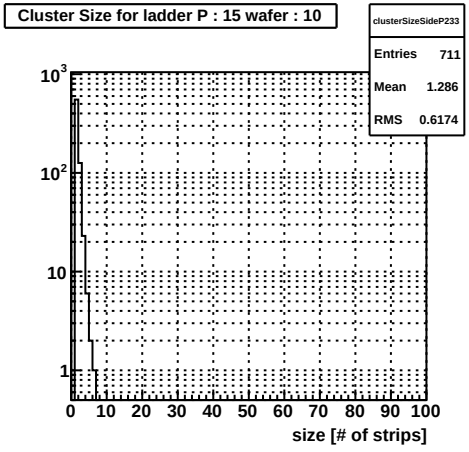

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 541
Mean 1.237
RMS 0.5568
size [# of strips]

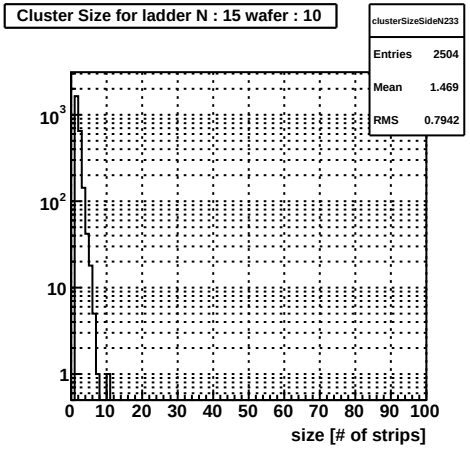

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 4675
Mean 1.401
RMS 0.7404
size [# of strips]

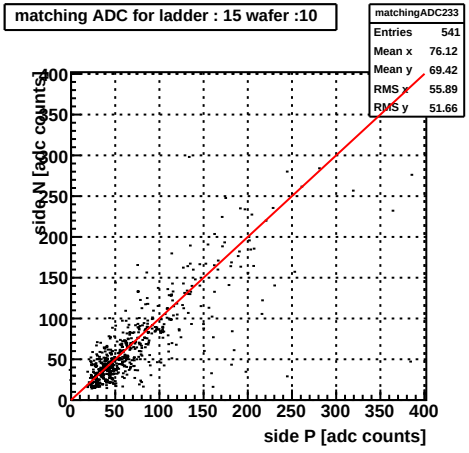

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 350
Mean x 69.19
Mean y 64.41
RMS x 54.26
RMS y 46.02
side N [adc counts]
side P [adc counts]

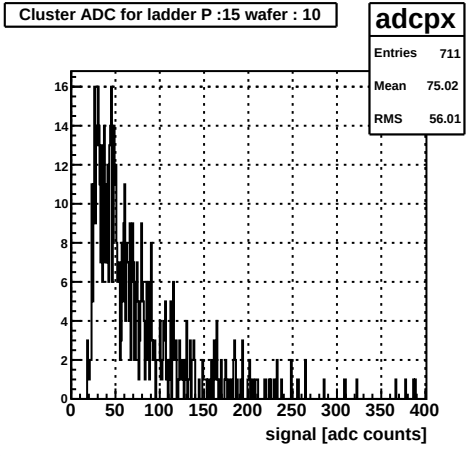

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 541
Mean 64.02
RMS 58.35
signal [adc counts]

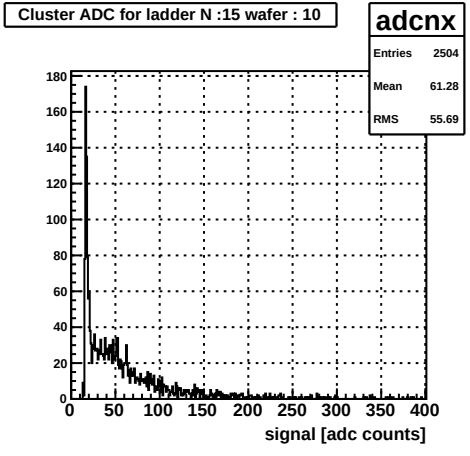

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 4675
Mean 44.02
RMS 45.03
signal [adc counts]

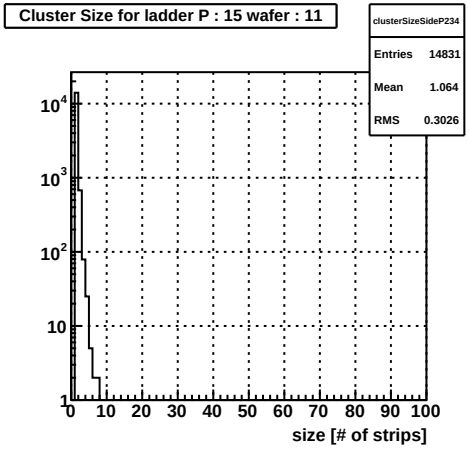

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 711
Mean 1.286
RMS 0.6174
size [# of strips]

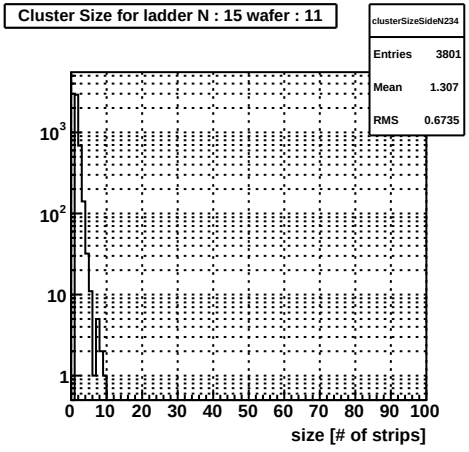

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2504
Mean 1.469
RMS 0.7942
size [# of strips]

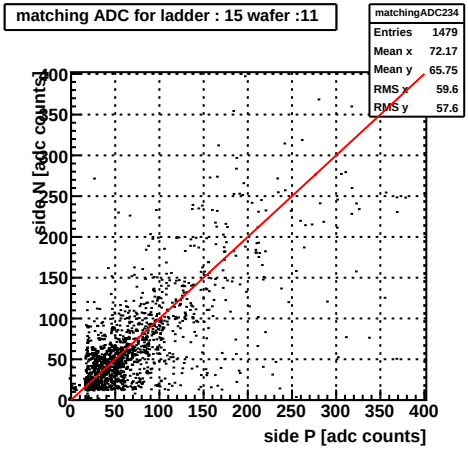

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 541
Mean x 76.12
Mean y 69.42
RMS x 55.89
RMS y 51.66
side N [adc counts]
side P [adc counts]

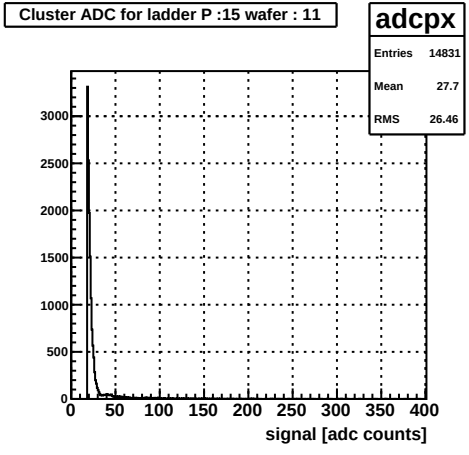

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 711
Mean 75.02
RMS 56.01
signal [adc counts]

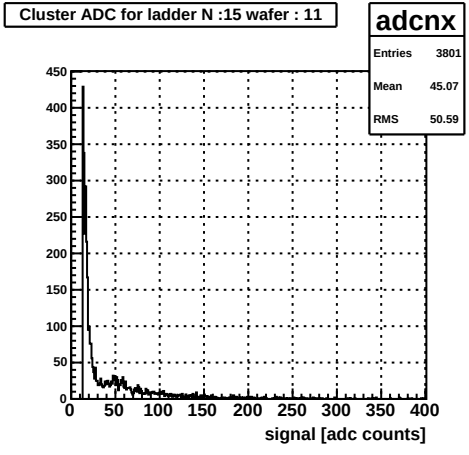

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2504
Mean 61.28
RMS 55.69
signal [adc counts]

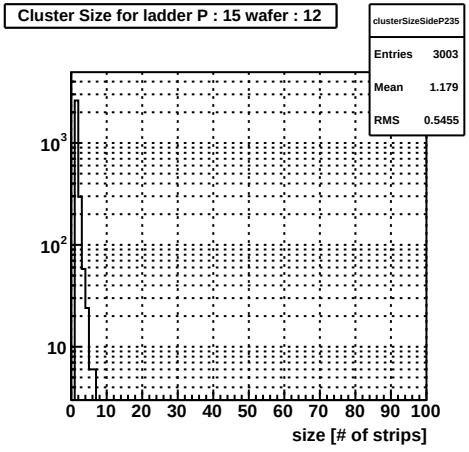

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 14831
Mean 1.064
RMS 0.3026
size [# of strips]

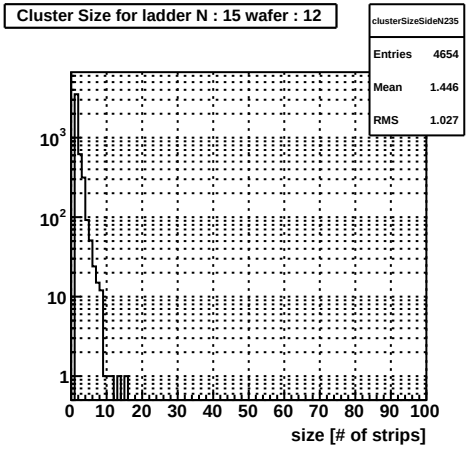

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3801
Mean 1.307
RMS 0.6735
size [# of strips]

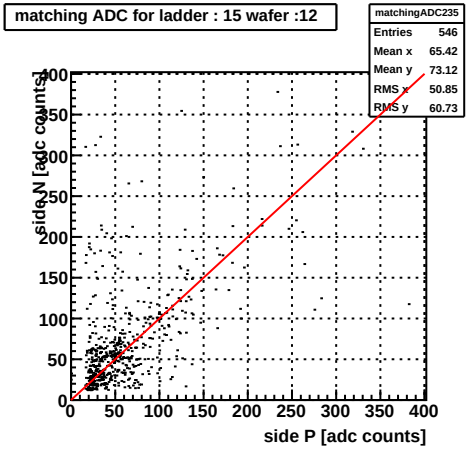

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1479
Mean x 72.17
Mean y 65.75
RMS x 59.6
RMS y 57.6
side N [adc counts]
side P [adc counts]

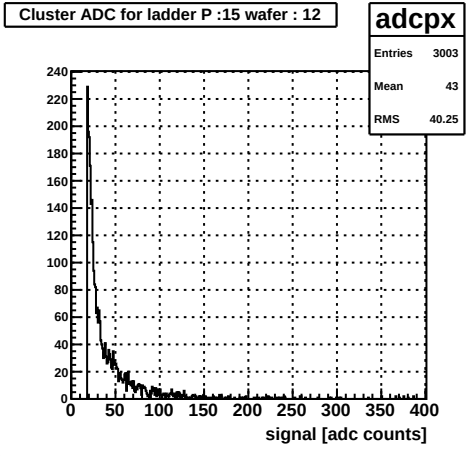

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 14831
Mean 27.7
RMS 26.46
signal [adc counts]

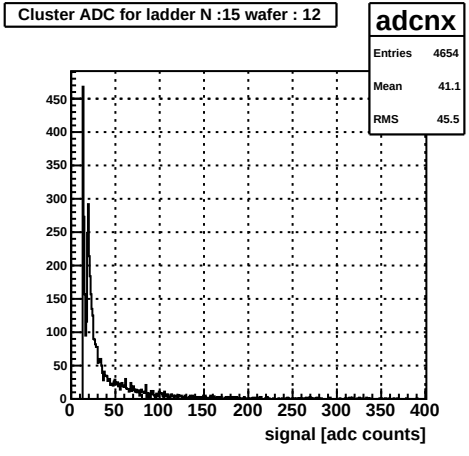

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3801
Mean 45.07
RMS 50.59
signal [adc counts]

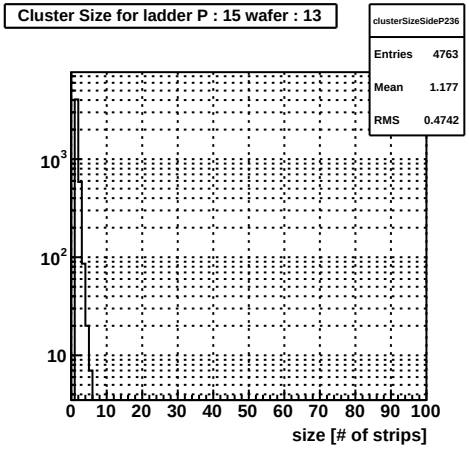

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3003
Mean 1.179
RMS 0.5455
size [# of strips]

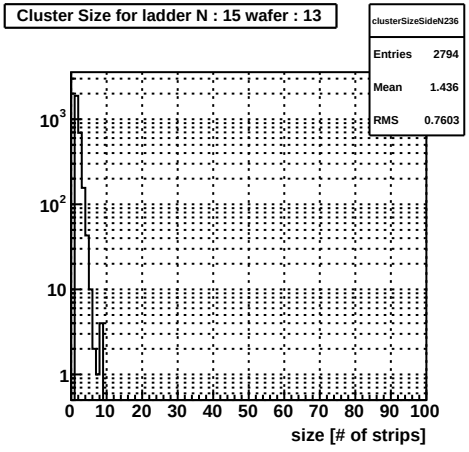

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4654
Mean 1.446
RMS 1.027
size [# of strips]

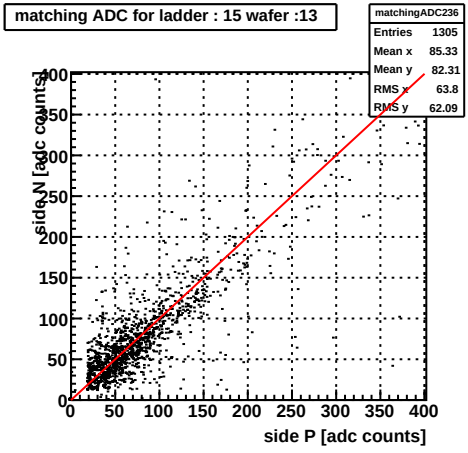

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 546
Mean x 65.42
Mean y 73.12
RMS x 50.85
RMS y 60.73
side N [adc counts]
side P [adc counts]

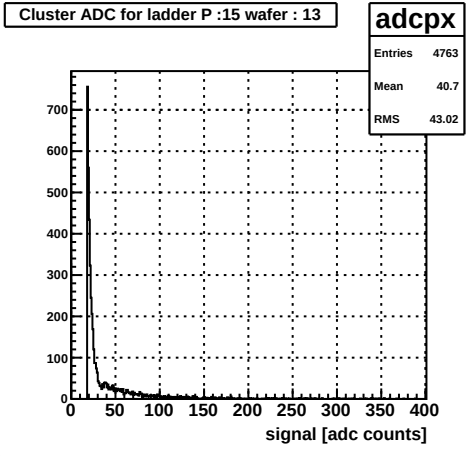

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3003
Mean 43
RMS 40.25
signal [adc counts]

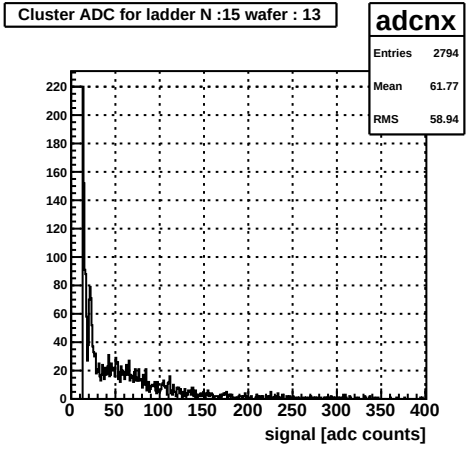

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4654
Mean 41.1
RMS 45.5
signal [adc counts]

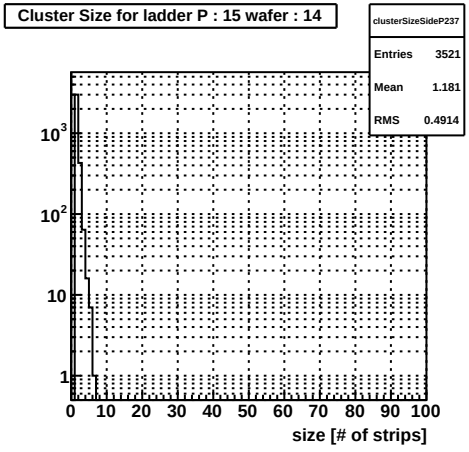

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4763
Mean 1.177
RMS 0.4742
size [# of strips]

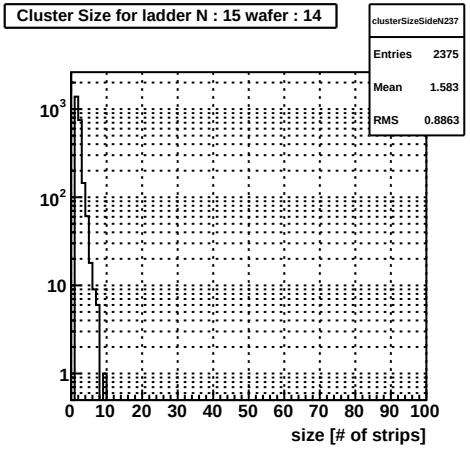

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2794
Mean 1.436
RMS 0.7603
size [# of strips]

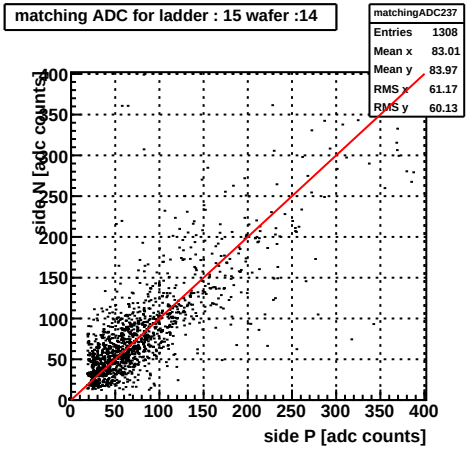

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1305
Mean x 85.33
Mean y 82.31
RMS x 63.8
RMS y 62.09
side N [adc counts]
side P [adc counts]

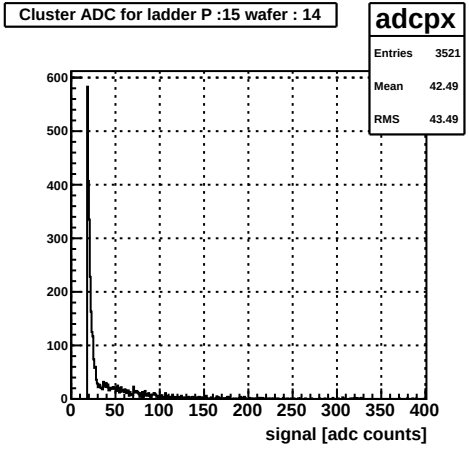

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4763
Mean 40.7
RMS 43.02
signal [adc counts]

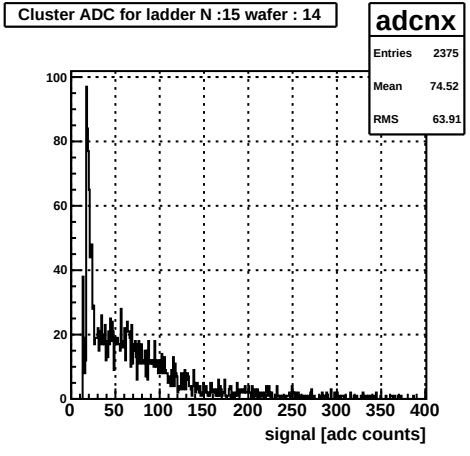

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2794
Mean 61.77
RMS 58.94
signal [adc counts]

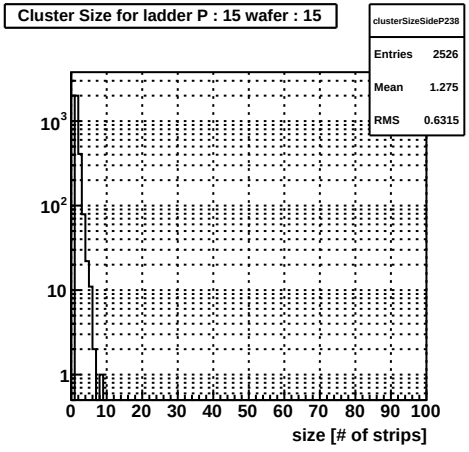

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3521
Mean 1.181
RMS 0.4914
size [# of strips]

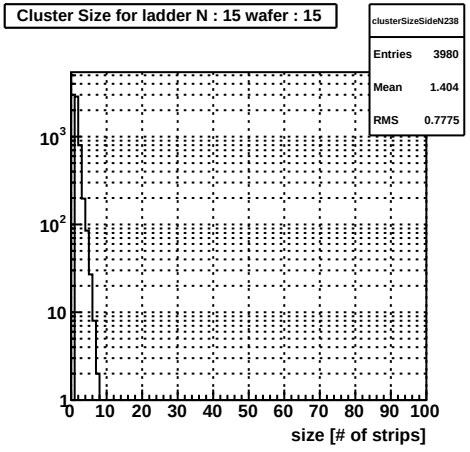

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2375
Mean 1.583
RMS 0.8863
size [# of strips]

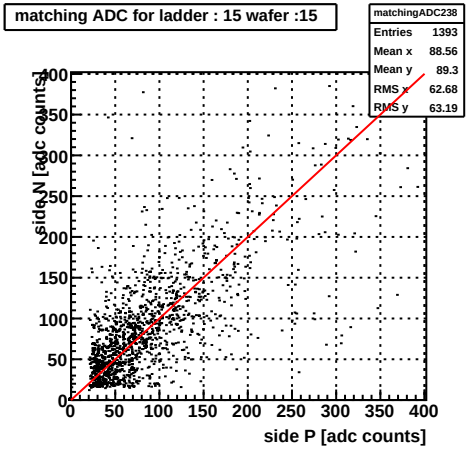

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1308
Mean x 83.01
Mean y 83.97
RMS x 61.17
RMS y 60.13
side N [adc counts]
side P [adc counts]

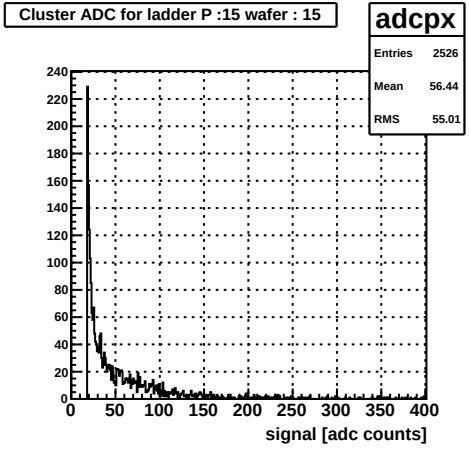

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3521
Mean 42.49
RMS 43.49
signal [adc counts]

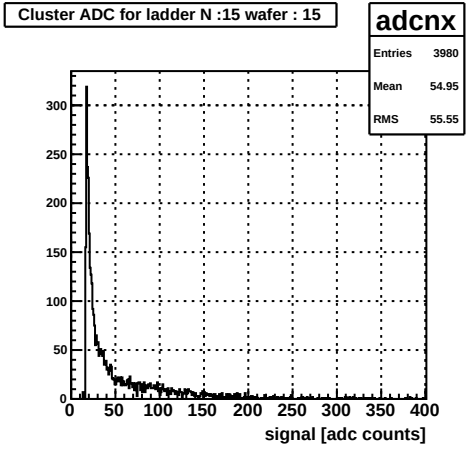

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2375
Mean 74.52
RMS 63.91
signal [adc counts]

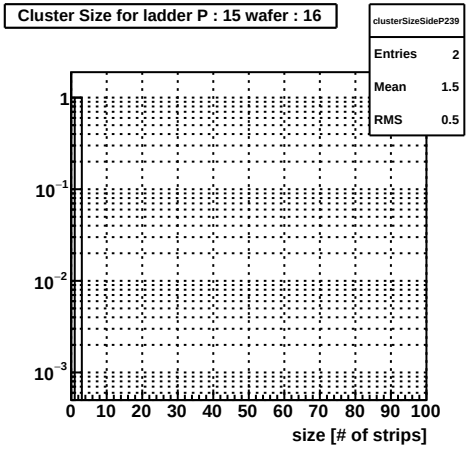

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2526
Mean 1.275
RMS 0.6315
size [# of strips]

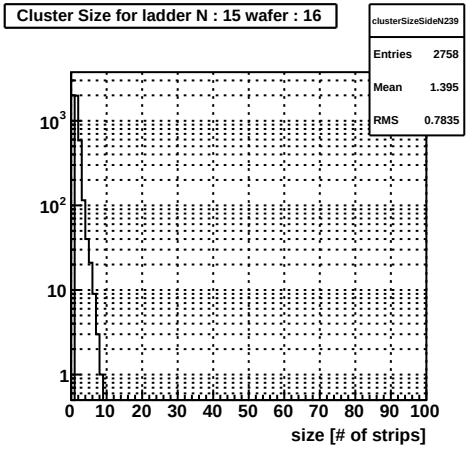

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3980
Mean 1.404
RMS 0.7775
size [# of strips]

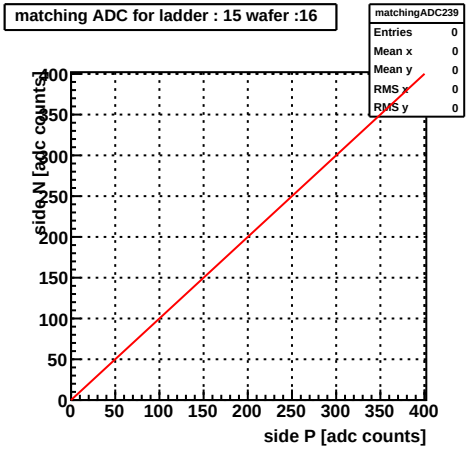

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1393
Mean x 88.56
Mean y 89.3
RMS x 62.68
RMS y 63.19
side N [adc counts]
side P [adc counts]

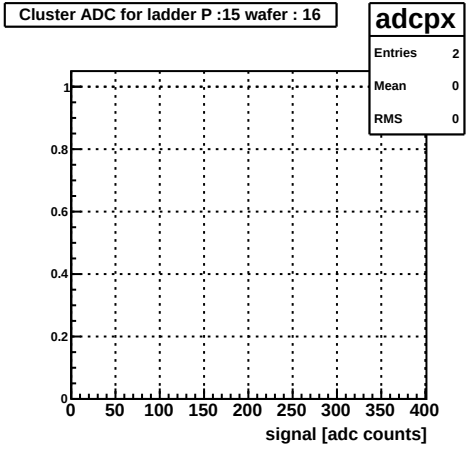

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2526
Mean 56.44
RMS 55.01
signal [adc counts]

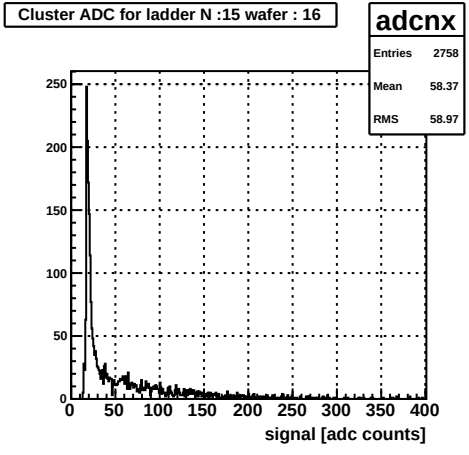

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3980
Mean 54.95
RMS 55.55
signal [adc counts]

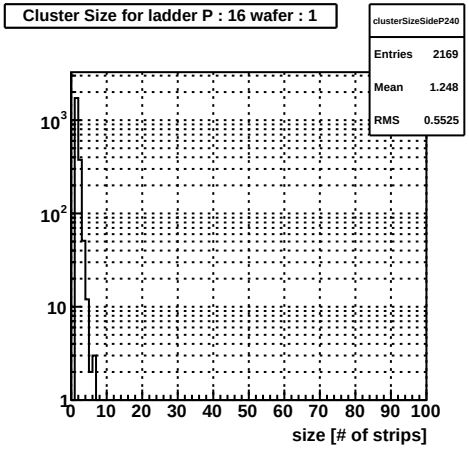

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

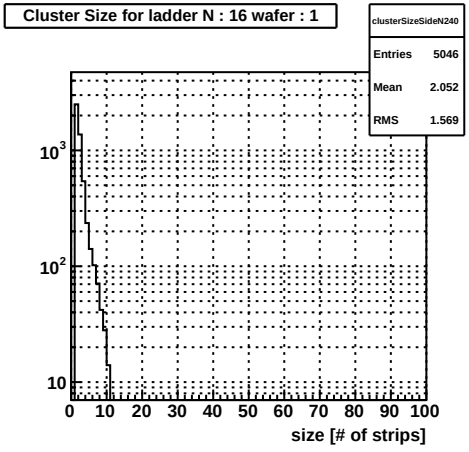

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2758
Mean 1.395
RMS 0.7835
size [# of strips]

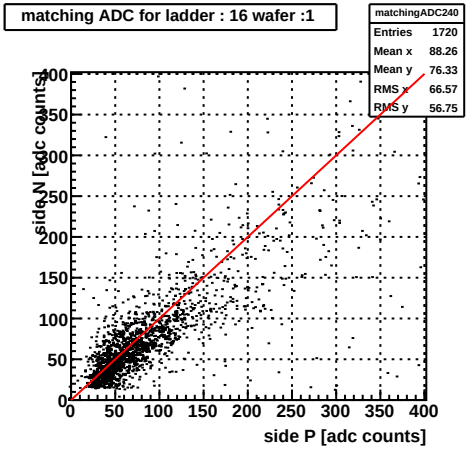

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

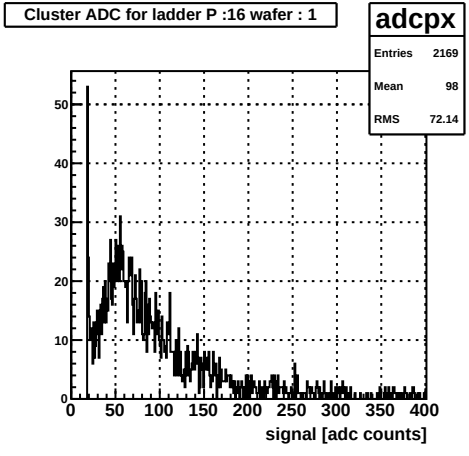

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

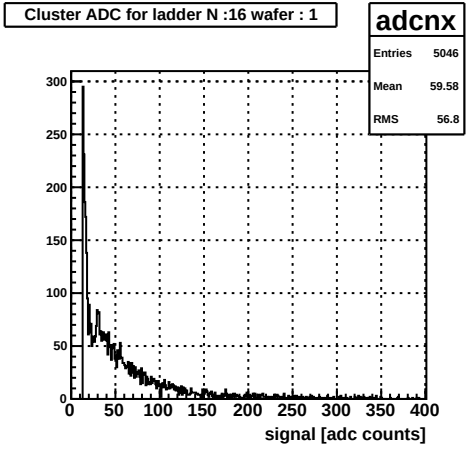

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2758
Mean 58.37
RMS 58.97
signal [adc counts]

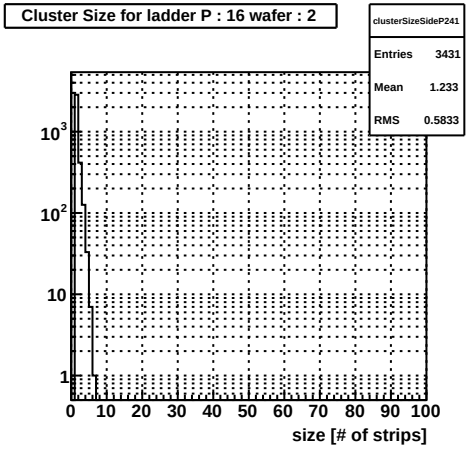

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2169
Mean 1.248
RMS 0.5525
size [# of strips]

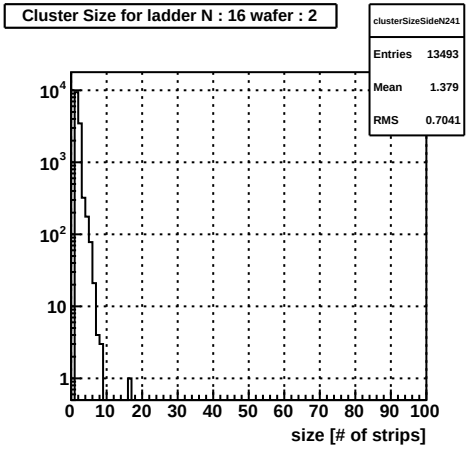

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 5046
Mean 2.052
RMS 1.569
size [# of strips]

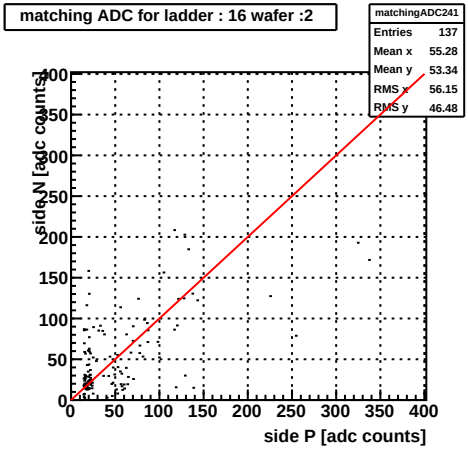

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1720
Mean x 88.26
Mean y 76.33
RMS x 66.57
RMS y 56.75
side N [adc counts]
side P [adc counts]

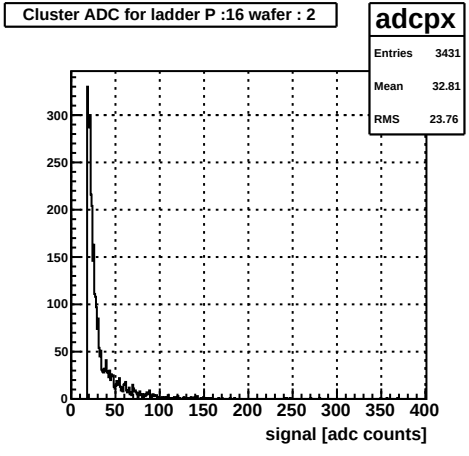

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2169
Mean 98
RMS 72.14
signal [adc counts]

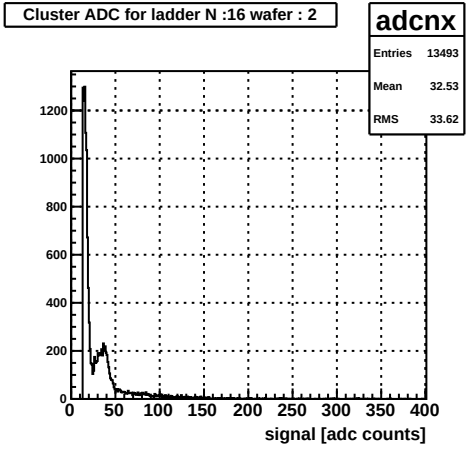

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 5046
Mean 59.58
RMS 56.8
signal [adc counts]

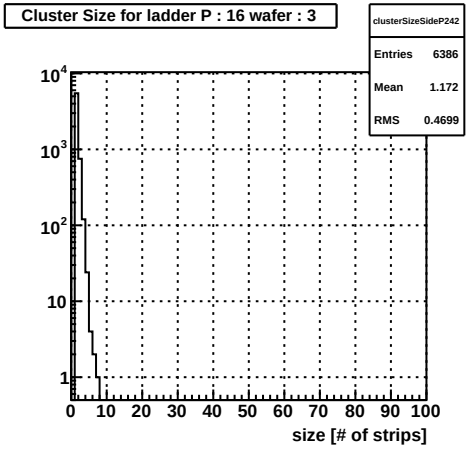

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3431
Mean 1.233
RMS 0.5833
size [# of strips]

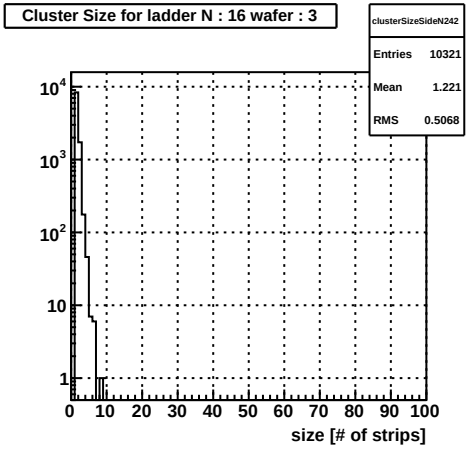

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 13493
Mean 1.379
RMS 0.7041
size [# of strips]

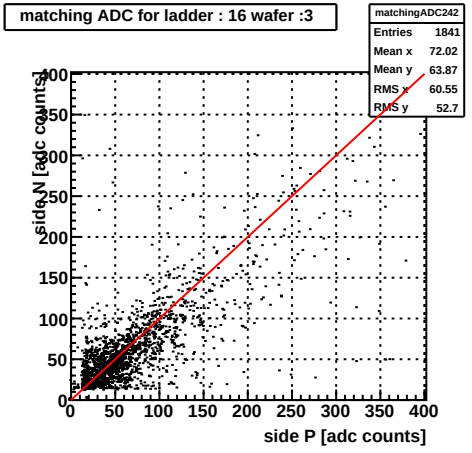

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 137
Mean x 55.28
Mean y 53.34
RMS x 56.15
RMS y 46.48
side N [adc counts]
side P [adc counts]

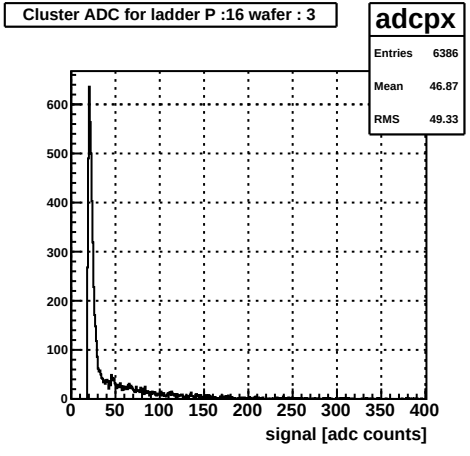

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3431
Mean 32.81
RMS 23.76
signal [adc counts]

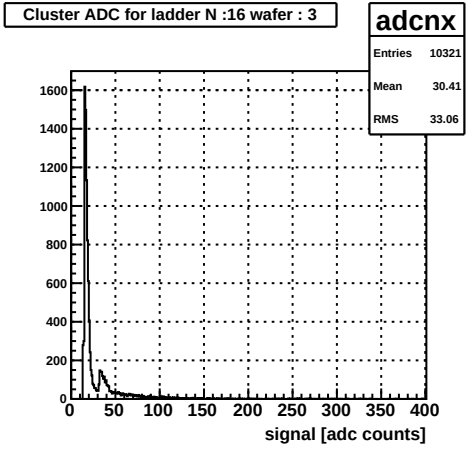

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 13493
Mean 32.53
RMS 33.62
signal [adc counts]

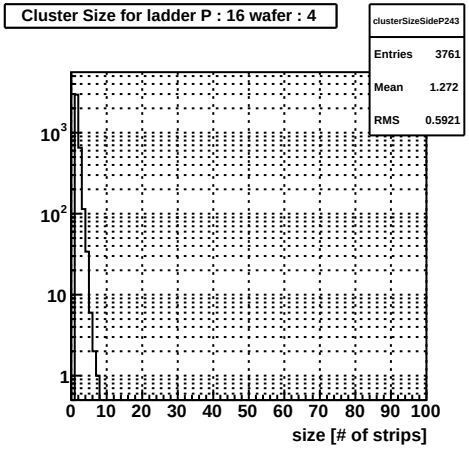

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6386
Mean 1.172
RMS 0.4699
size [# of strips]

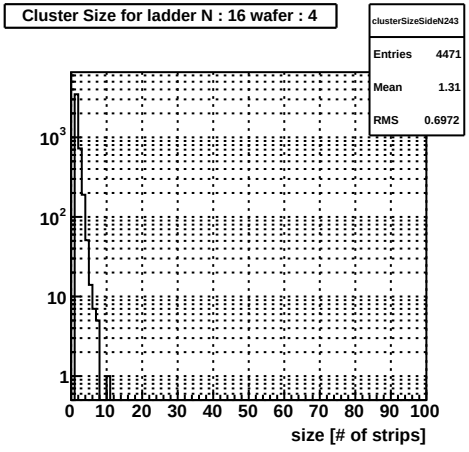

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 10321
Mean 1.221
RMS 0.5068
size [# of strips]

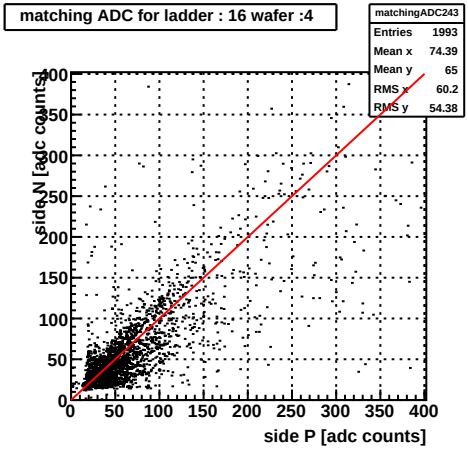

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1841
Mean x 72.02
Mean y 63.87
RMS x 60.55
RMS y 52.7
side N [adc counts]
side P [adc counts]

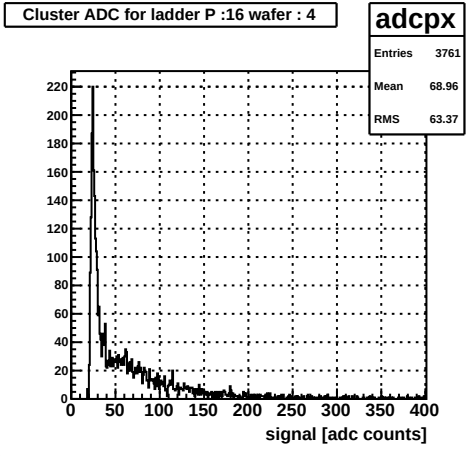

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6386
Mean 46.87
RMS 49.33
signal [adc counts]

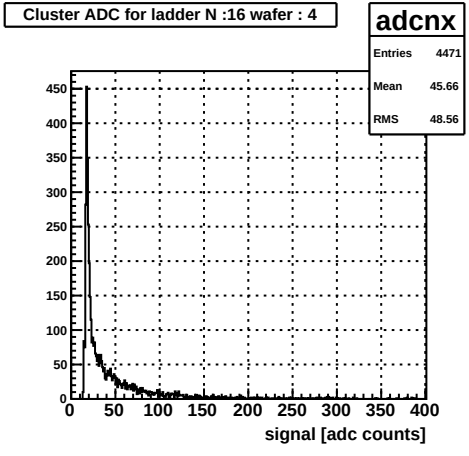

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 10321
Mean 30.41
RMS 33.06
signal [adc counts]

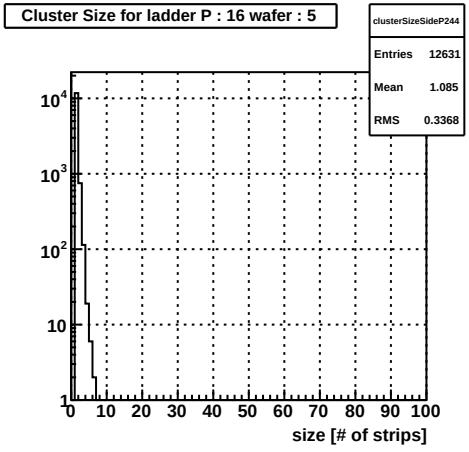

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3761
Mean 1.272
RMS 0.5921
size [# of strips]

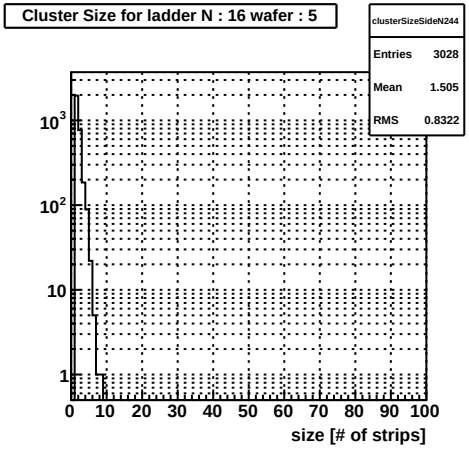

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4471
Mean 1.31
RMS 0.6972
size [# of strips]

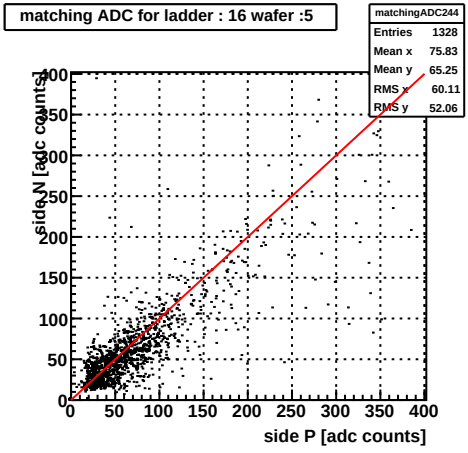

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1993
Mean x 74.39
Mean y 65
RMS x 60.2
RMS y 54.38
side N [adc counts]
side P [adc counts]

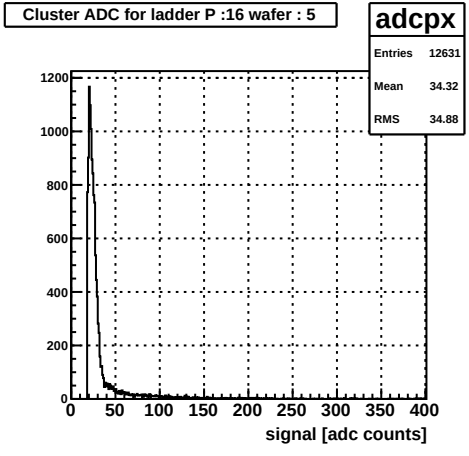

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3761
Mean 68.96
RMS 63.37
signal [adc counts]

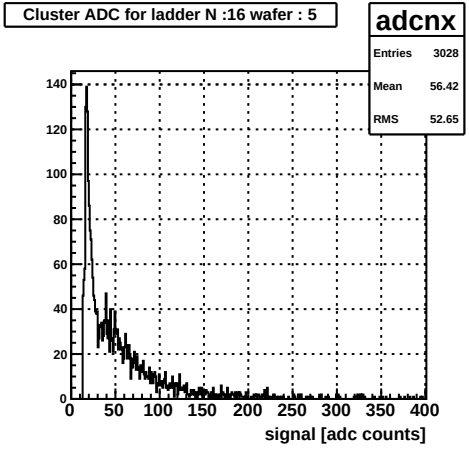

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4471
Mean 45.66
RMS 48.56
signal [adc counts]

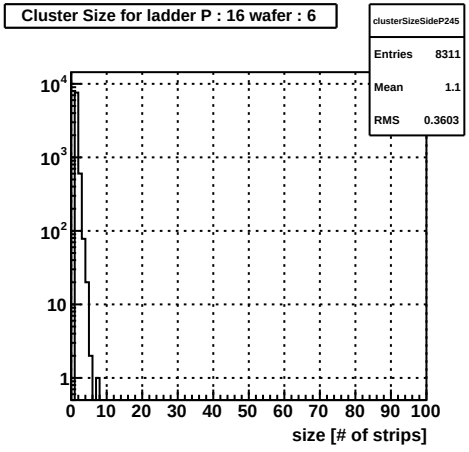

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 12631
Mean 1.085
RMS 0.3368
size [# of strips]

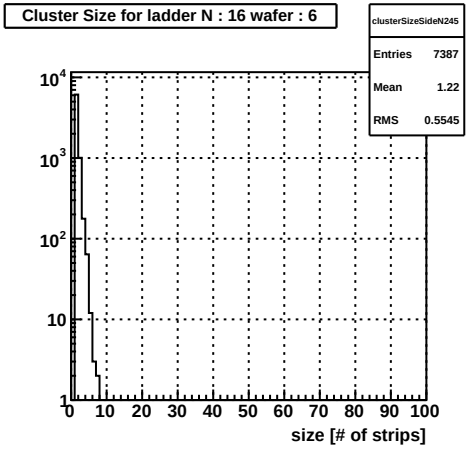

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 3028
Mean 1.505
RMS 0.8322
size [# of strips]

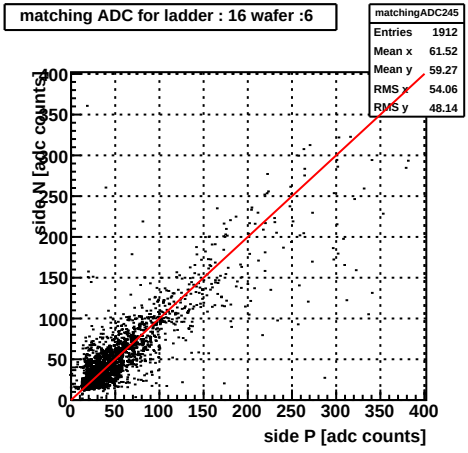

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1328
Mean x 75.83
Mean y 65.25
RMS x 60.11
RMS y 52.06
side N [adc counts]
side P [adc counts]

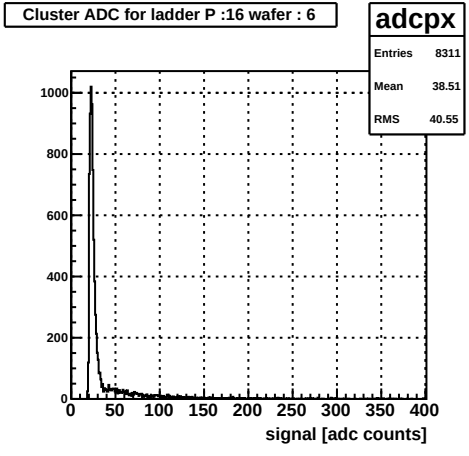

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 12631
Mean 34.32
RMS 34.88
signal [adc counts]

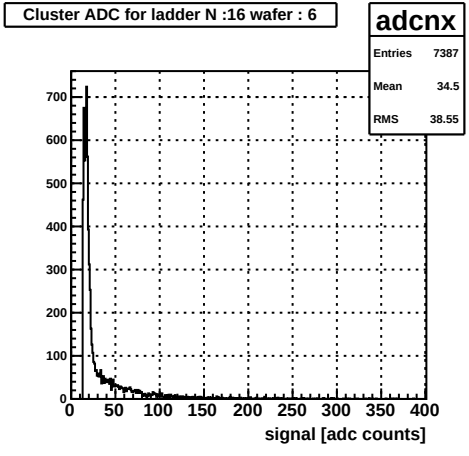

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 3028
Mean 56.42
RMS 52.65
signal [adc counts]

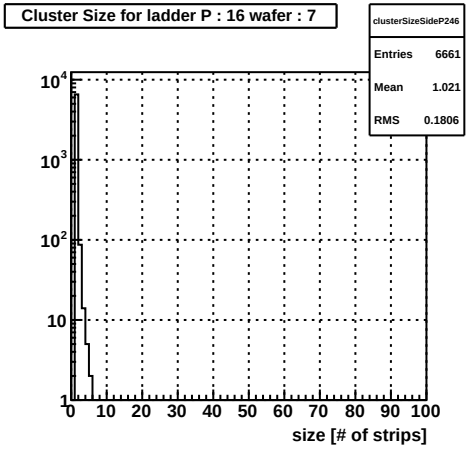

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 8311
Mean 1.1
RMS 0.3603
size [# of strips]

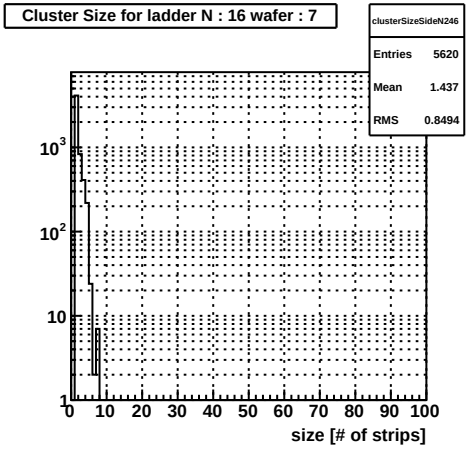

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 7387
Mean 1.22
RMS 0.5545
size [# of strips]

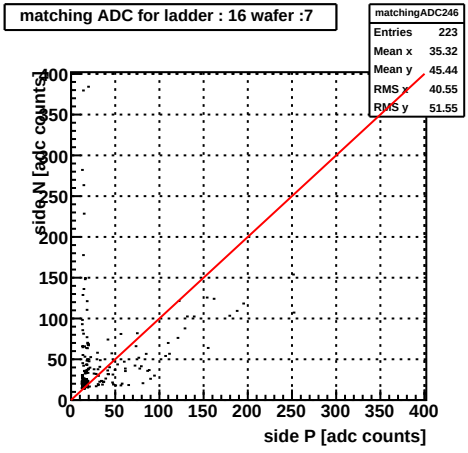

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1912
Mean x 61.52
Mean y 59.27
RMS x 54.06
RMS y 48.14
side N [adc counts]
side P [adc counts]

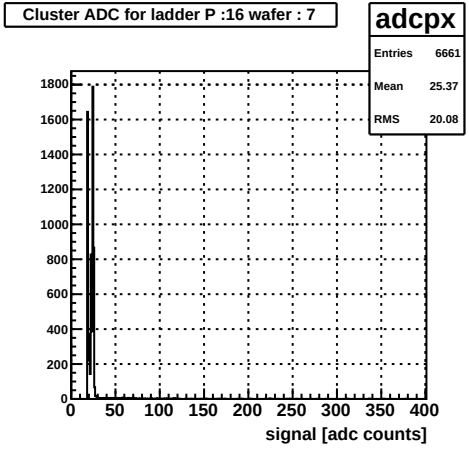

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 8311
Mean 38.51
RMS 40.55
signal [adc counts]

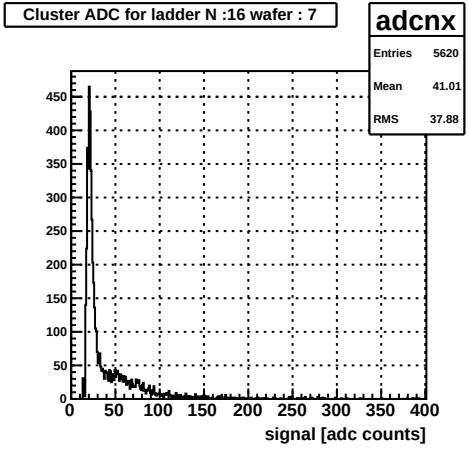

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 7387
Mean 34.5
RMS 38.55
signal [adc counts]

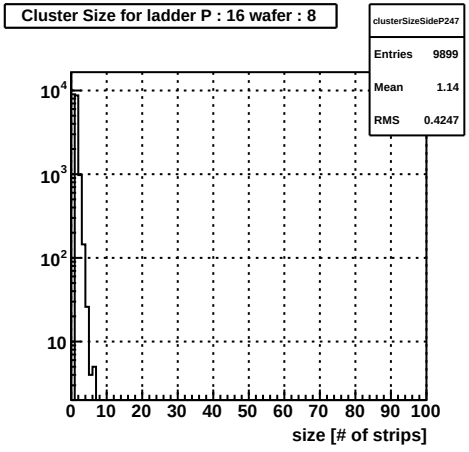

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 6661
Mean 1.021
RMS 0.1806
size [# of strips]

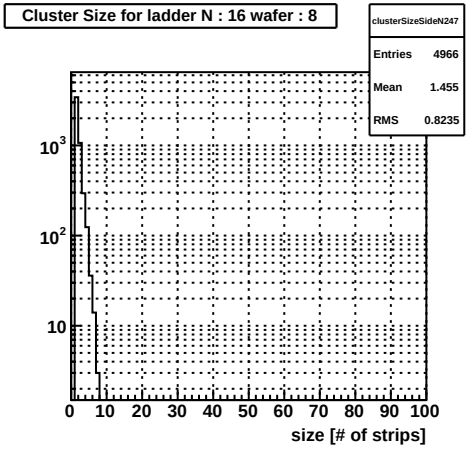

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 5620
Mean 1.437
RMS 0.8494
size [# of strips]

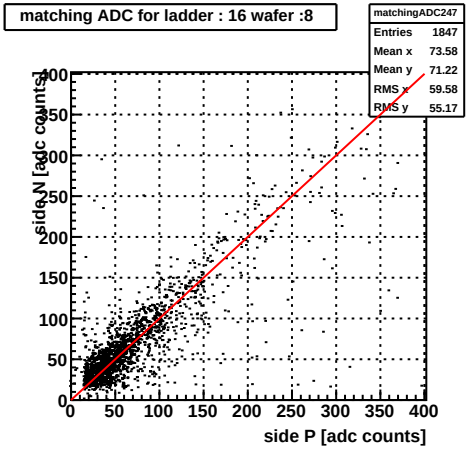

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 223
Mean x 35.32
Mean y 45.44
RMS x 40.55
RMS y 51.55
side N [adc counts]
side P [adc counts]

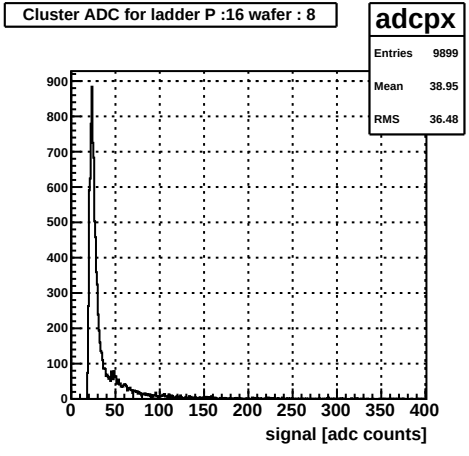

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 6661
Mean 25.37
RMS 20.08
signal [adc counts]

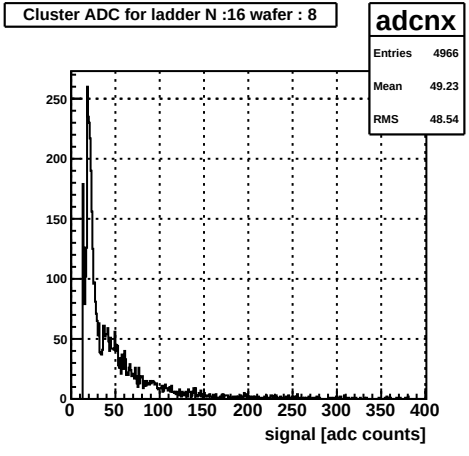

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 5620
Mean 41.01
RMS 37.88
signal [adc counts]

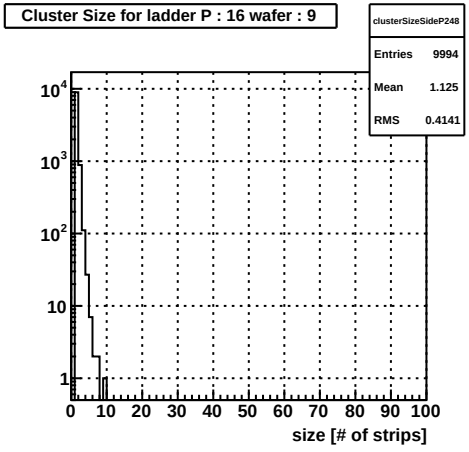

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 9899
Mean 1.14
RMS 0.4247
size [# of strips]

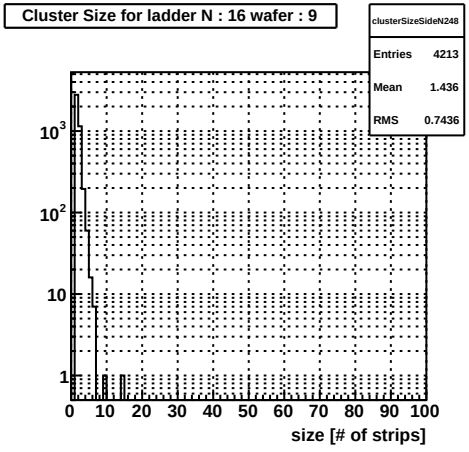

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4966
Mean 1.455
RMS 0.8235
size [# of strips]

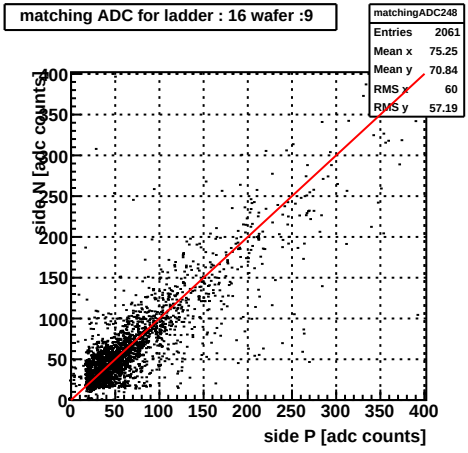

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1847
Mean x 73.58
Mean y 71.22
RMS x 59.58
RMS y 55.17
side N [adc counts]
side P [adc counts]

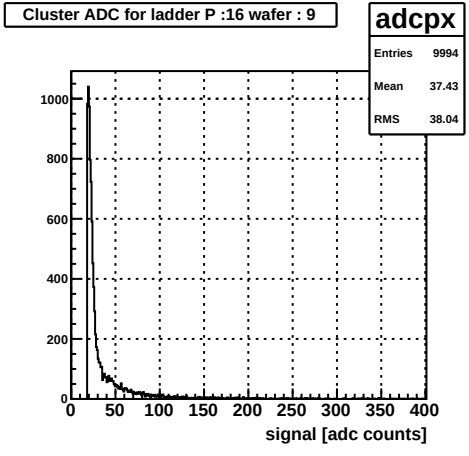

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 9899
Mean 38.95
RMS 36.48
signal [adc counts]

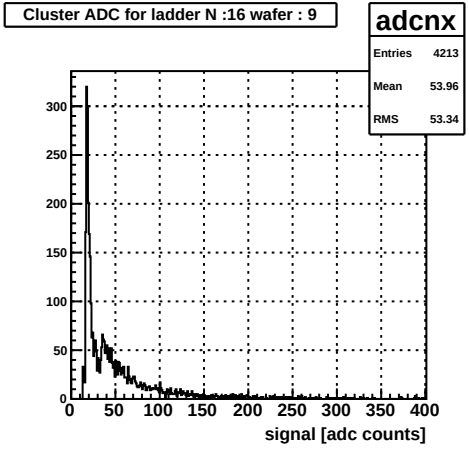

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4966
Mean 49.23
RMS 48.54
signal [adc counts]

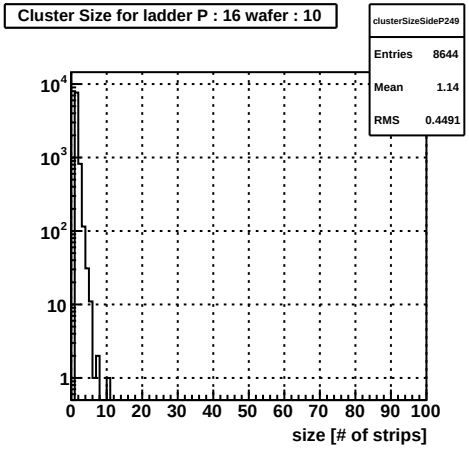

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 9994
Mean 1.125
RMS 0.4141
size [# of strips]

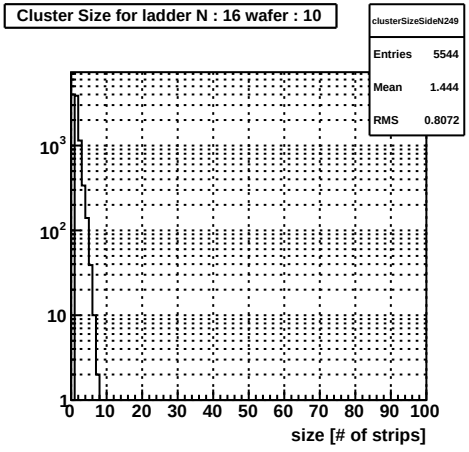

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4213
Mean 1.436
RMS 0.7436
size [# of strips]

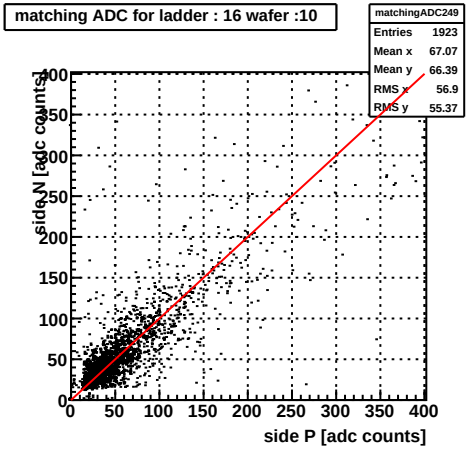

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 2061
Mean x 75.25
Mean y 70.84
RMS x 60
RMS y 57.19
side N [adc counts]
side P [adc counts]

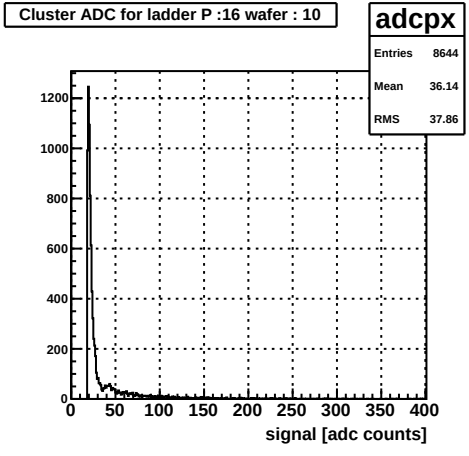

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 9994
Mean 37.43
RMS 38.04
signal [adc counts]

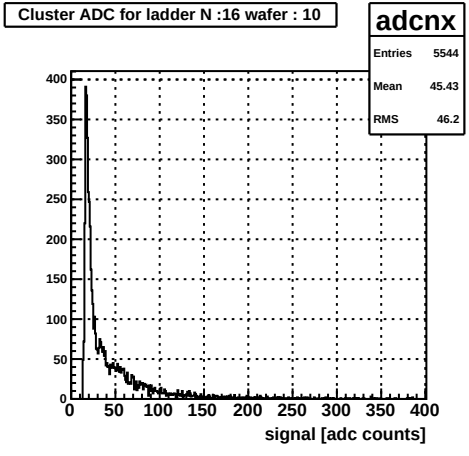

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4213
Mean 53.96
RMS 53.34
signal [adc counts]

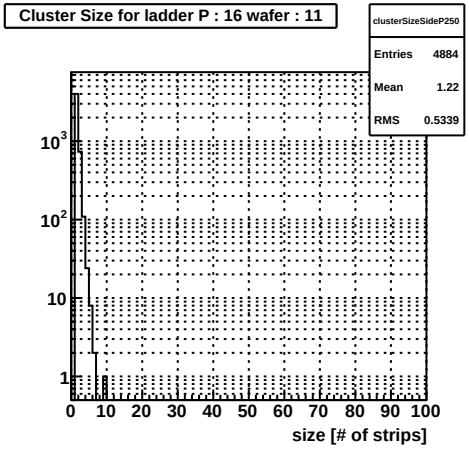

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8644
Mean 1.14
RMS 0.4491
size [# of strips]

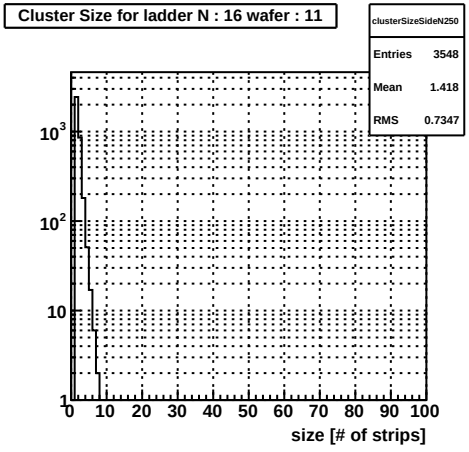

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5544
Mean 1.444
RMS 0.8072
size [# of strips]

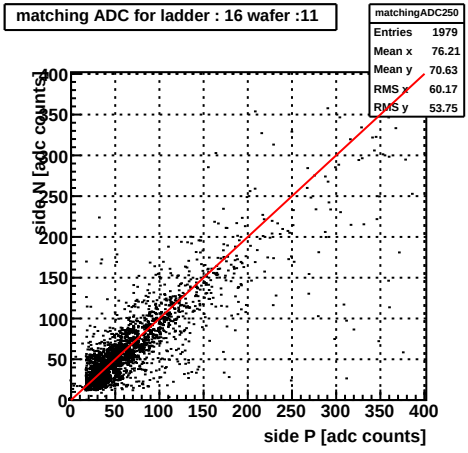

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1923
Mean x 67.07
Mean y 66.39
RMS x 56.9
RMS y 55.37
side N [adc counts]
side P [adc counts]

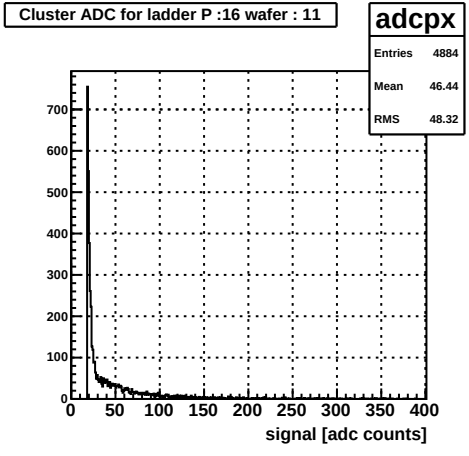

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8644
Mean 36.14
RMS 37.86
signal [adc counts]

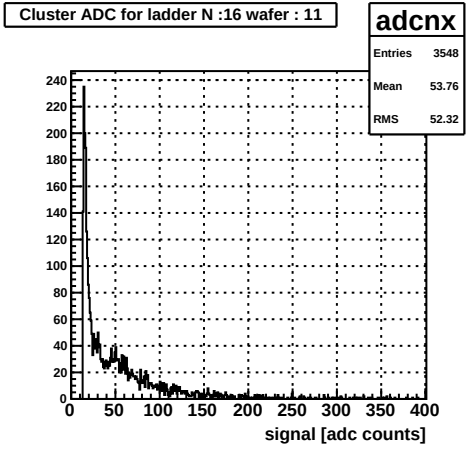

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5544
Mean 45.43
RMS 46.2
signal [adc counts]

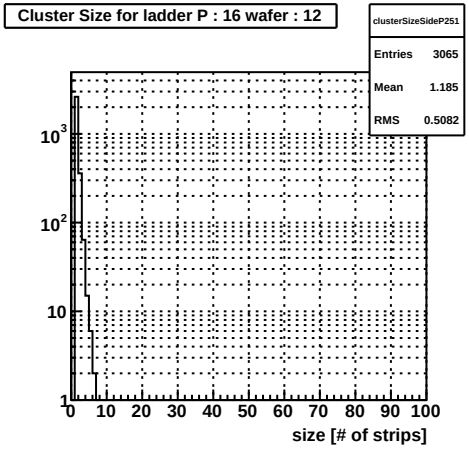

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4884
Mean 1.22
RMS 0.5339
size [# of strips]

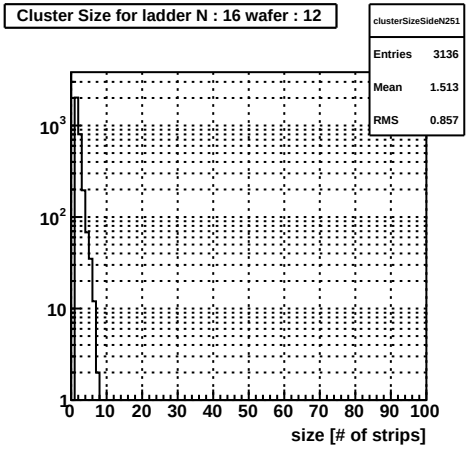

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3548
Mean 1.418
RMS 0.7347
size [# of strips]

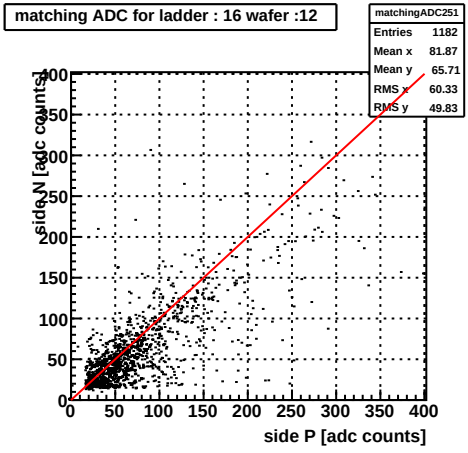

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1979
Mean x 76.21
Mean y 70.63
RMS x 60.17
RMS y 53.75
side N [adc counts]
side P [adc counts]

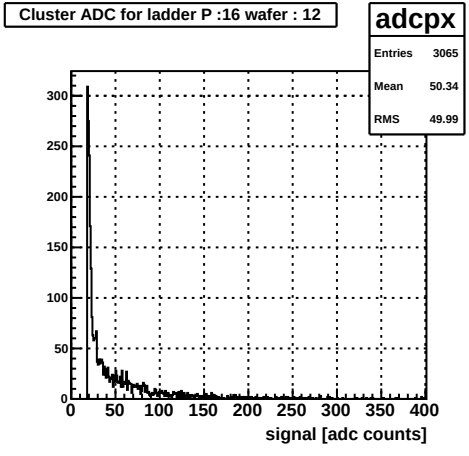

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4884
Mean 46.44
RMS 48.32
signal [adc counts]

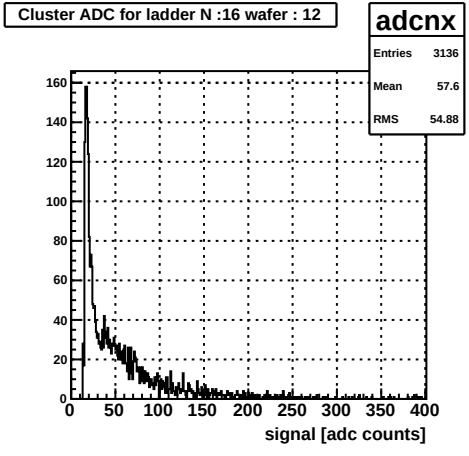

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3548
Mean 53.76
RMS 52.32
signal [adc counts]

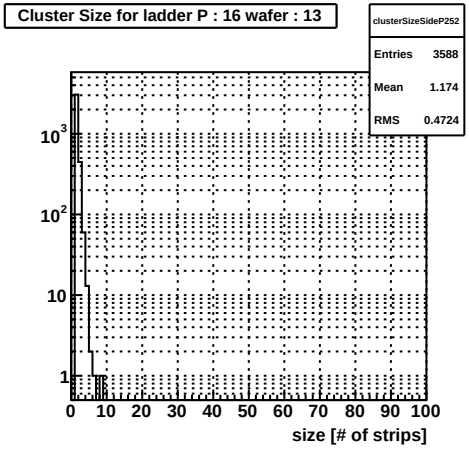

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3065
Mean 1.185
RMS 0.5082
size [# of strips]

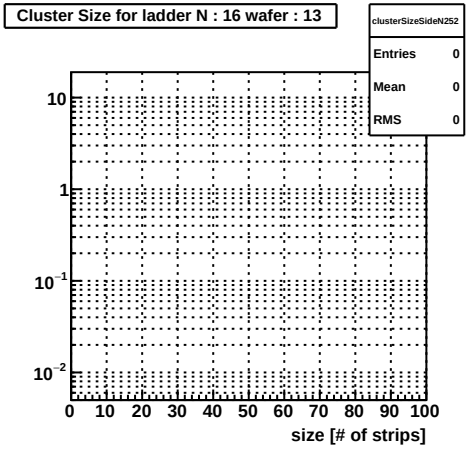

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3136
Mean 1.513
RMS 0.857
size [# of strips]

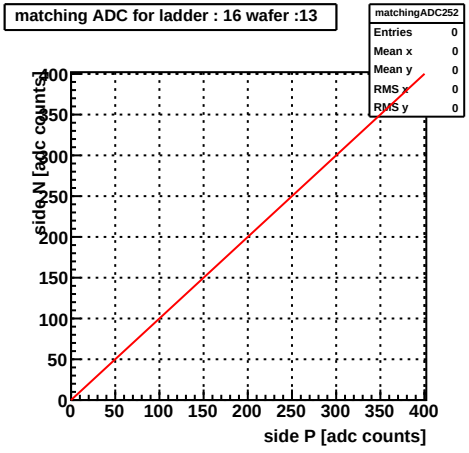

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1182
Mean x 81.87
Mean y 65.71
RMS x 60.33
RMS y 49.83
side N [adc counts]
side P [adc counts]

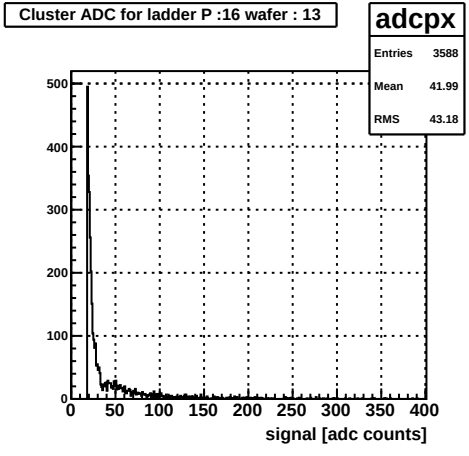

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3065
Mean 50.34
RMS 49.99
signal [adc counts]

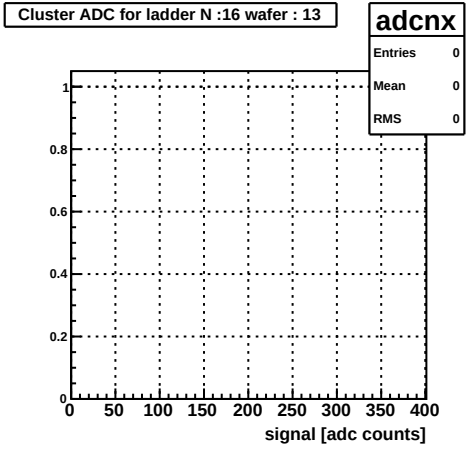

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3136
Mean 57.6
RMS 54.88
signal [adc counts]

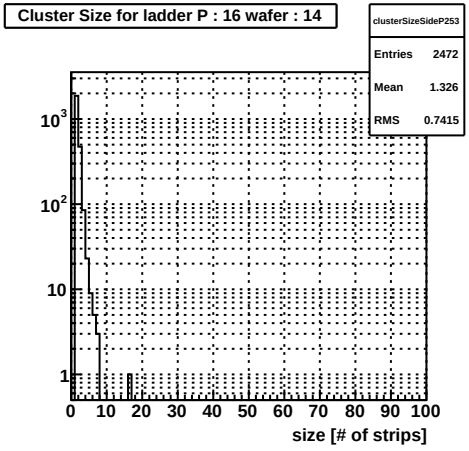

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3588
Mean 1.174
RMS 0.4724
size [# of strips]

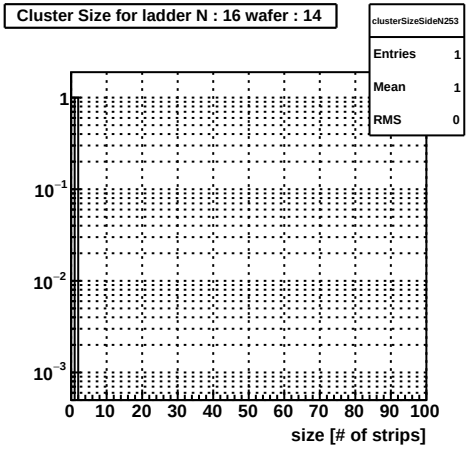

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

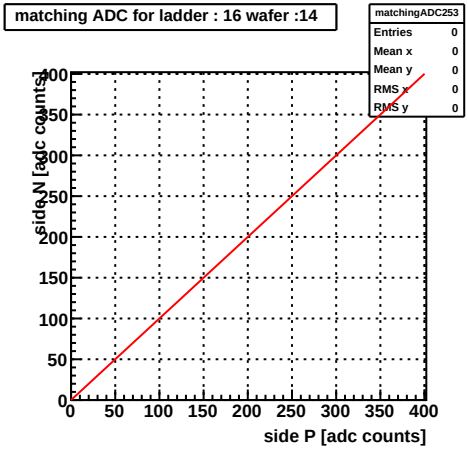

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

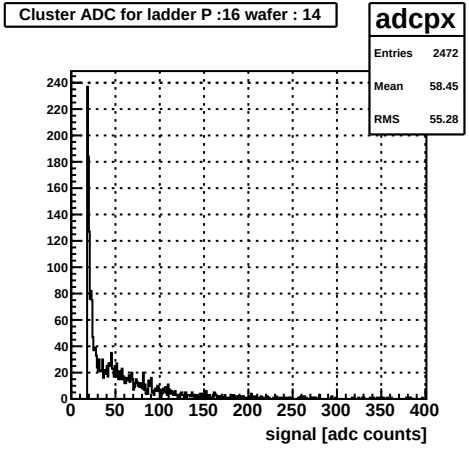

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3588
Mean 41.99
RMS 43.18
signal [adc counts]

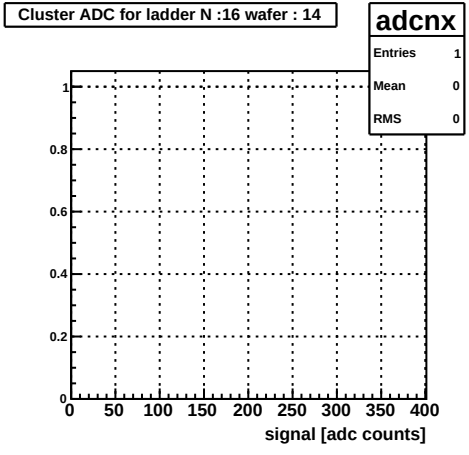

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

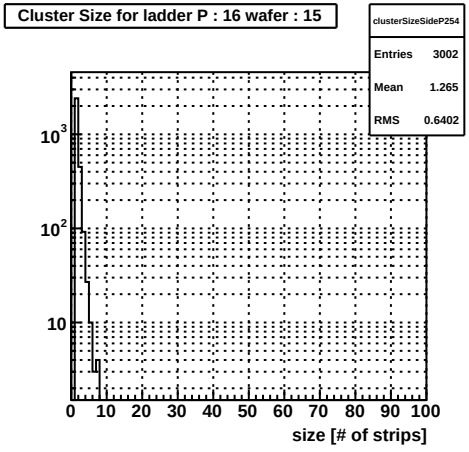

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2472
Mean 1.326
RMS 0.7415
size [# of strips]

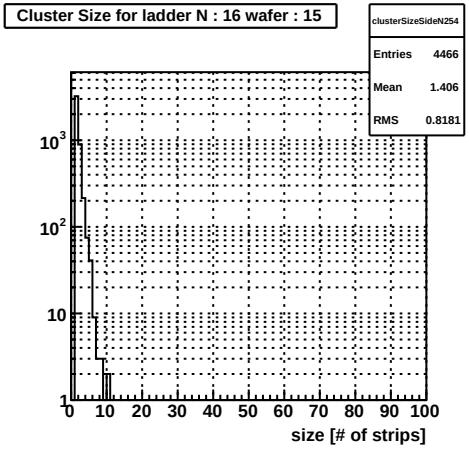

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

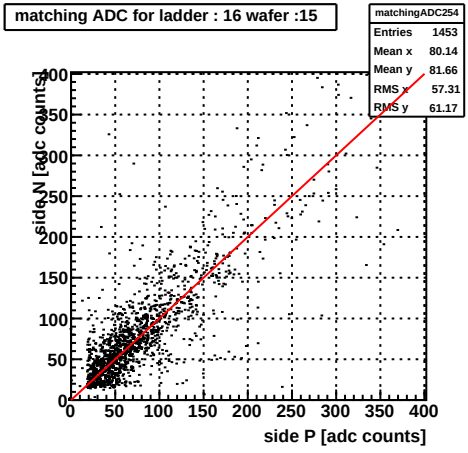

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

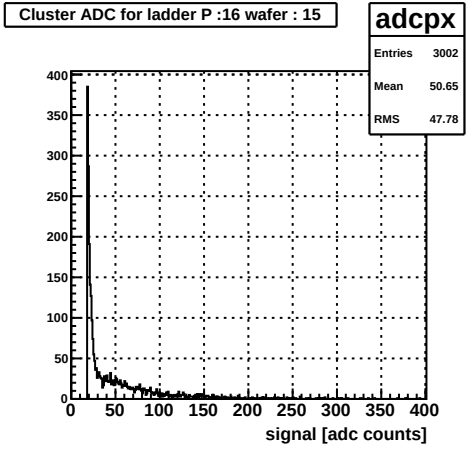

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2472
Mean 58.45
RMS 55.28
signal [adc counts]

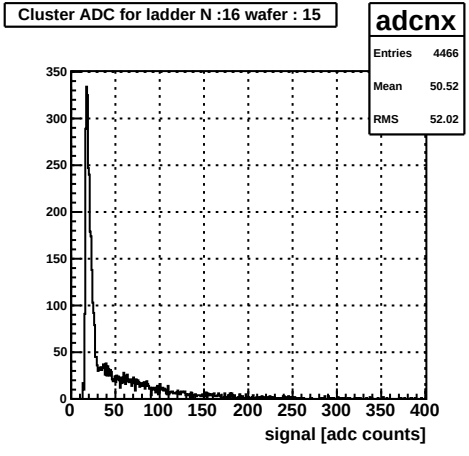

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

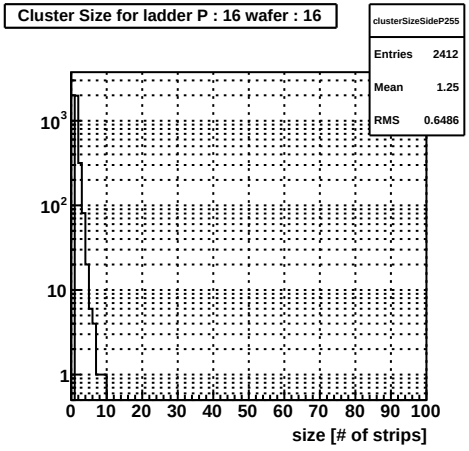

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3002
Mean 1.265
RMS 0.6402
size [# of strips]

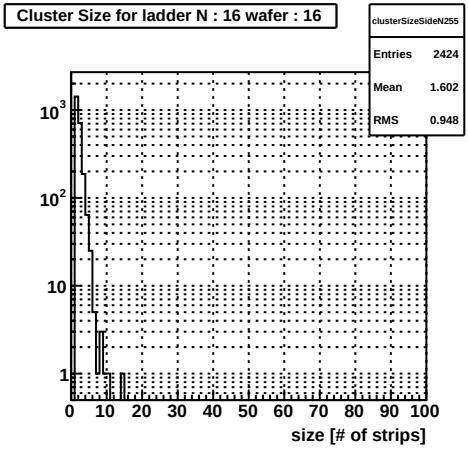

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4466
Mean 1.406
RMS 0.8181
size [# of strips]

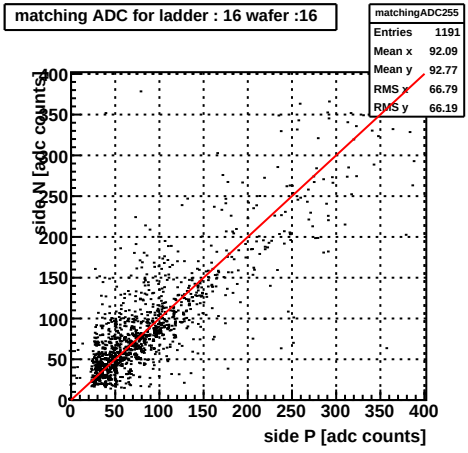

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1453
Mean x 80.14
Mean y 81.66
RMS x 57.31
RMS y 61.17
side N [adc counts]
side P [adc counts]

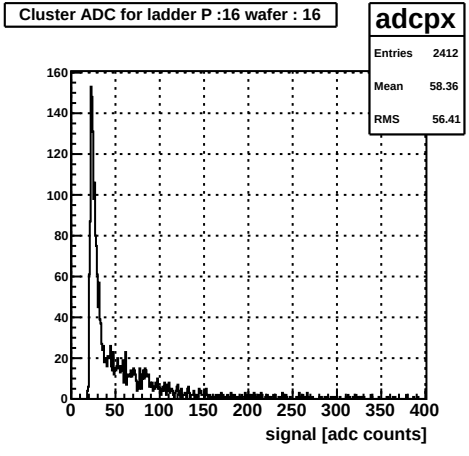

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3002
Mean 50.65
RMS 47.78
signal [adc counts]

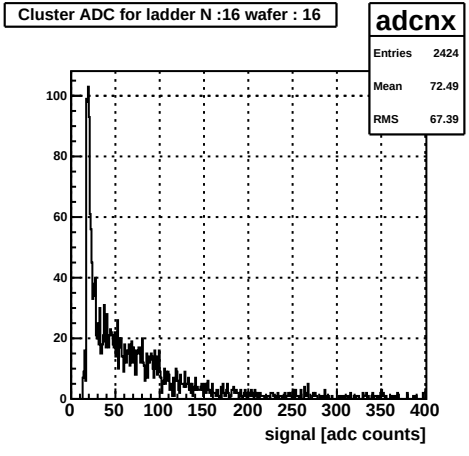

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4466
Mean 50.52
RMS 52.02
signal [adc counts]

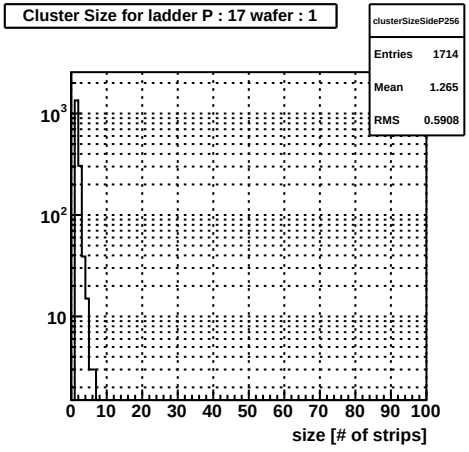

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2412
Mean 1.25
RMS 0.6486
size [# of strips]

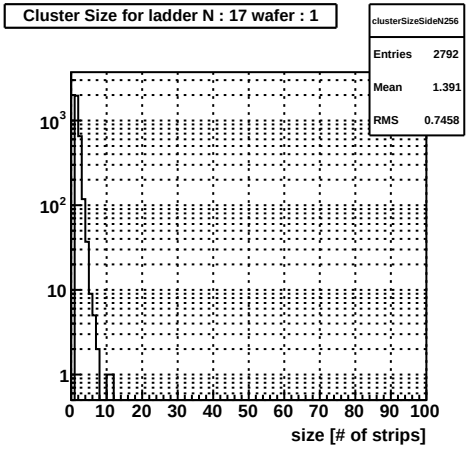

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2424
Mean 1.602
RMS 0.948
size [# of strips]

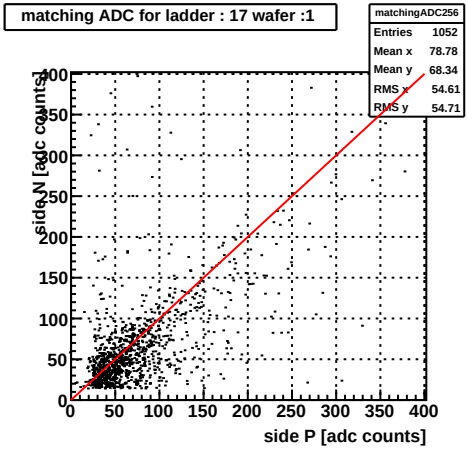

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1191
Mean x 92.09
Mean y 92.77
RMS x 66.79
RMS y 66.19
side N [adc counts]
side P [adc counts]

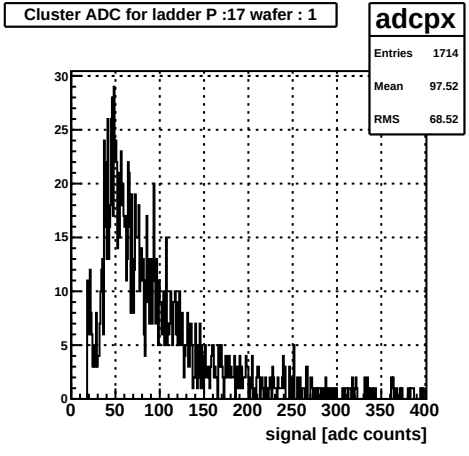

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2412
Mean 58.36
RMS 56.41
signal [adc counts]

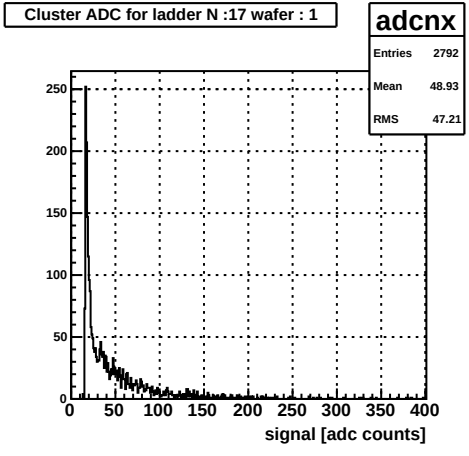

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2424
Mean 72.49
RMS 67.39
signal [adc counts]

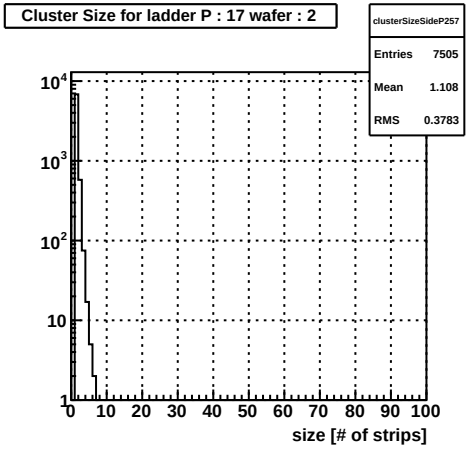

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1714
Mean 1.265
RMS 0.5908
size [# of strips]

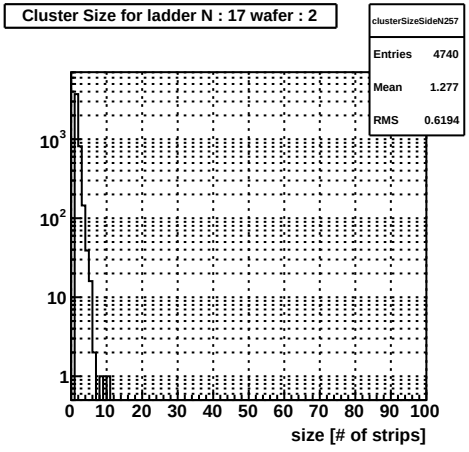

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2792
Mean 1.391
RMS 0.7458
size [# of strips]

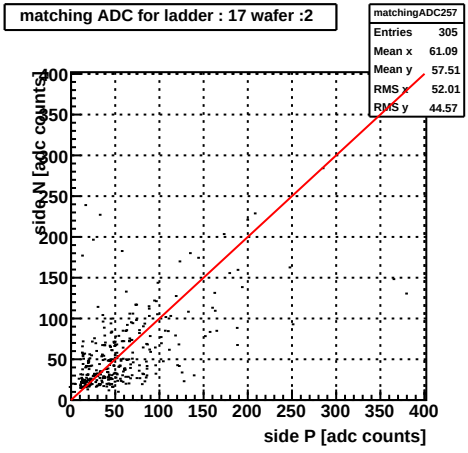

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 1052
Mean x 78.78
Mean y 68.34
RMS x 54.61
RMS y 54.71
side N [adc counts]
side P [adc counts]

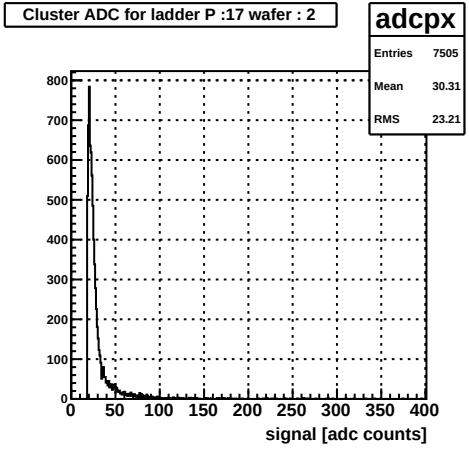

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1714
Mean 97.52
RMS 68.52
signal [adc counts]

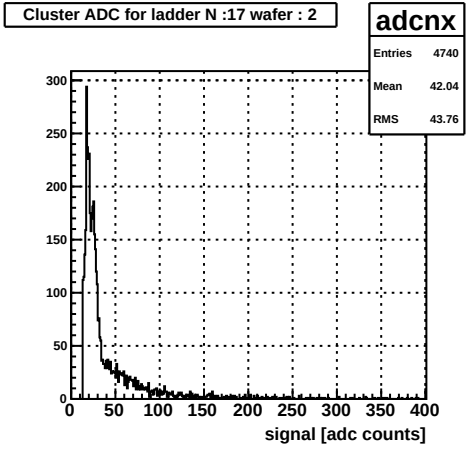

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2792
Mean 48.93
RMS 47.21
signal [adc counts]

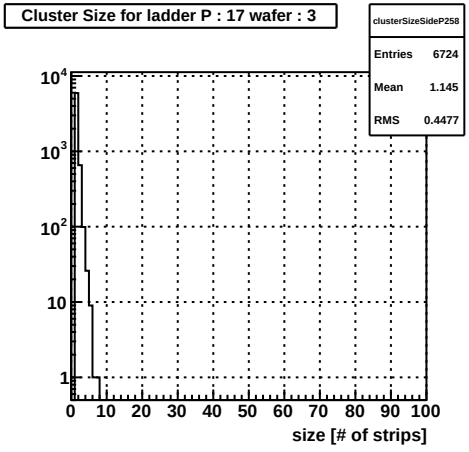

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7505
Mean 1.108
RMS 0.3783
size [# of strips]

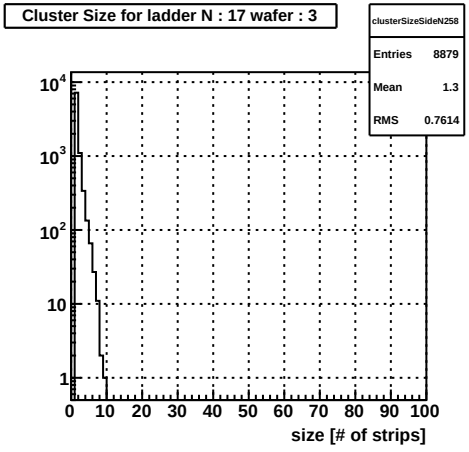

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4740
Mean 1.277
RMS 0.6194
size [# of strips]

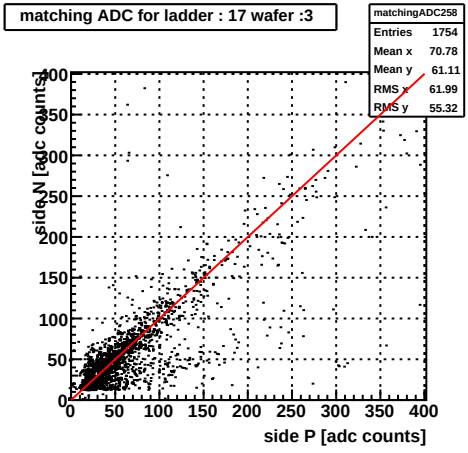

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 305
Mean x 61.09
Mean y 57.51
RMS x 52.01
RMS y 44.57
side N [adc counts]
side P [adc counts]

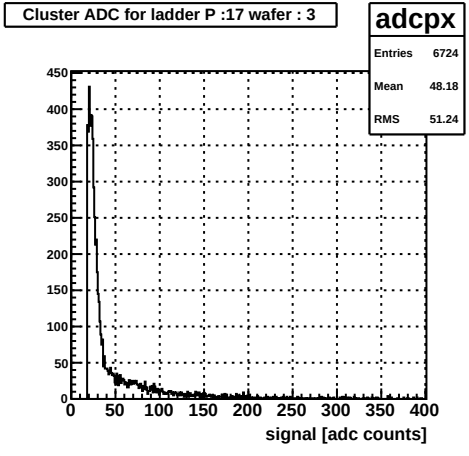

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7505
Mean 30.31
RMS 23.21
signal [adc counts]

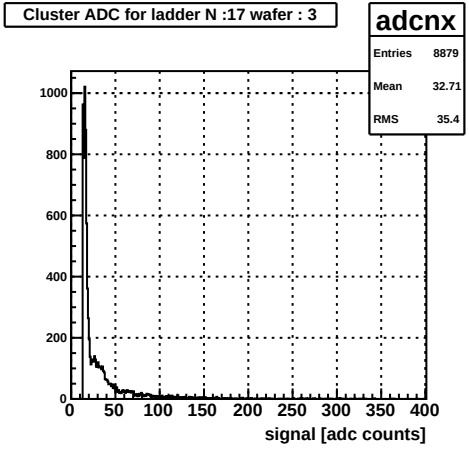

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4740
Mean 42.04
RMS 43.76
signal [adc counts]

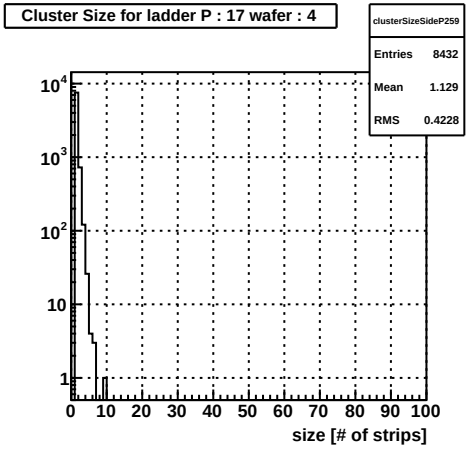

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6724
Mean 1.145
RMS 0.4477
size [# of strips]

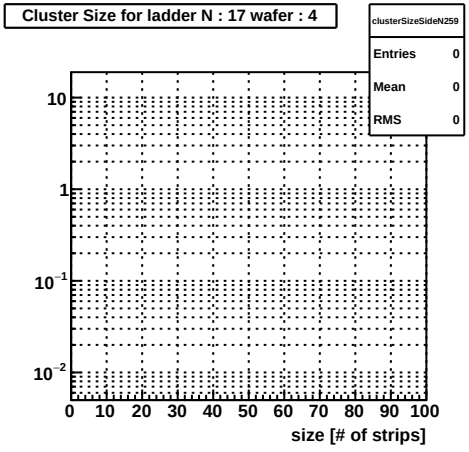

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8879
Mean 1.3
RMS 0.7614
size [# of strips]

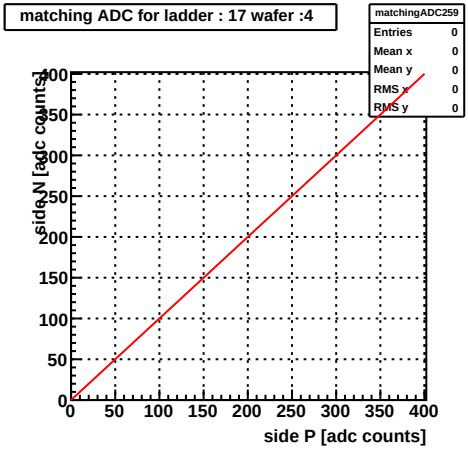

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1754
Mean x 70.78
Mean y 61.11
RMS x 61.99
RMS y 55.32
side N [adc counts]
side P [adc counts]

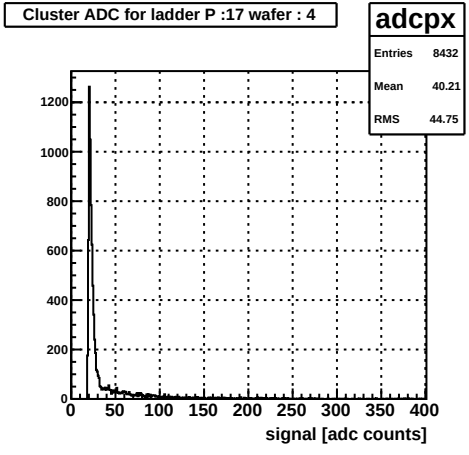

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6724
Mean 48.18
RMS 51.24
signal [adc counts]

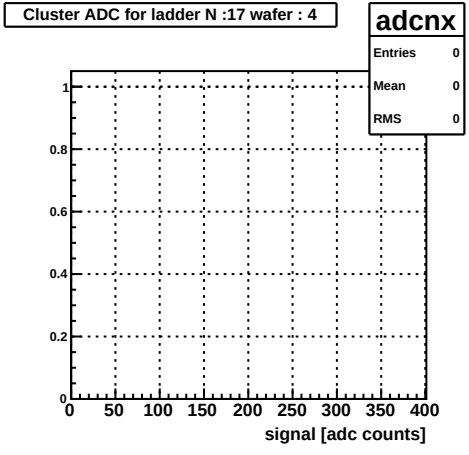

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8879
Mean 32.71
RMS 35.4
signal [adc counts]

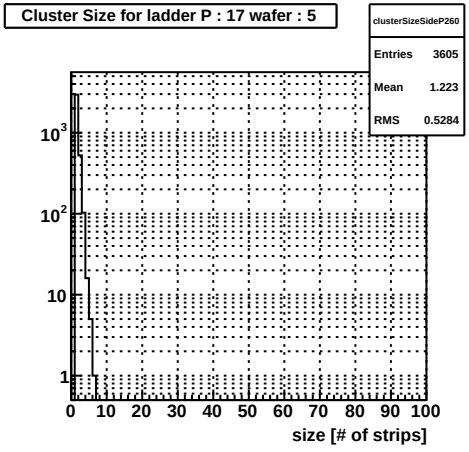

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 8432
Mean 1.129
RMS 0.4228
size [# of strips]

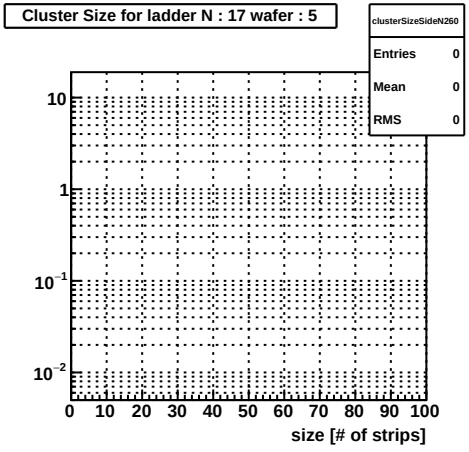

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

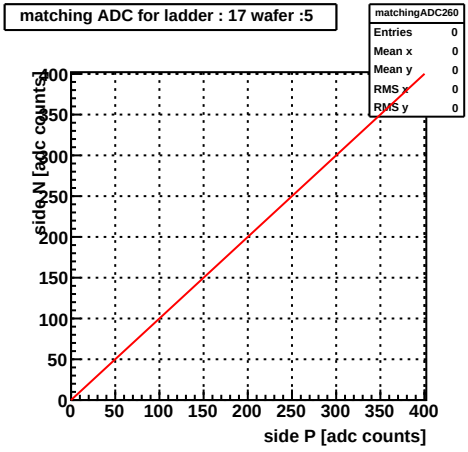

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

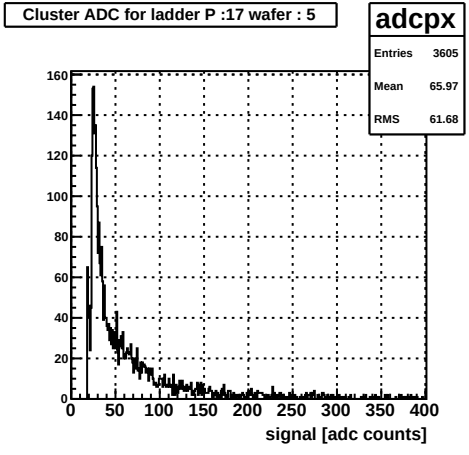

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 8432
Mean 40.21
RMS 44.75
signal [adc counts]

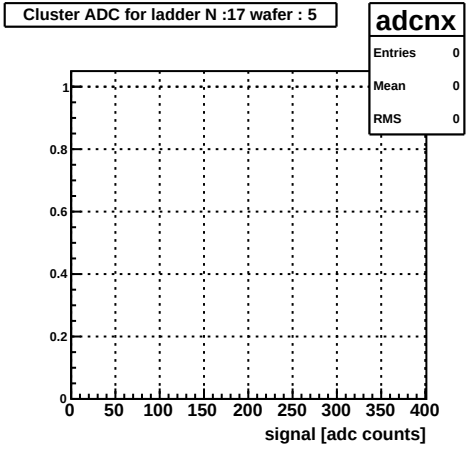

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

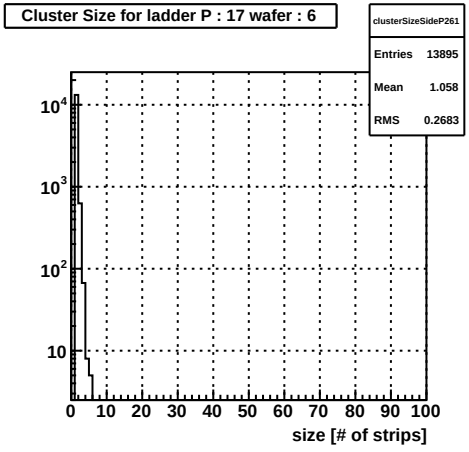

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3605
Mean 1.223
RMS 0.5284
size [# of strips]

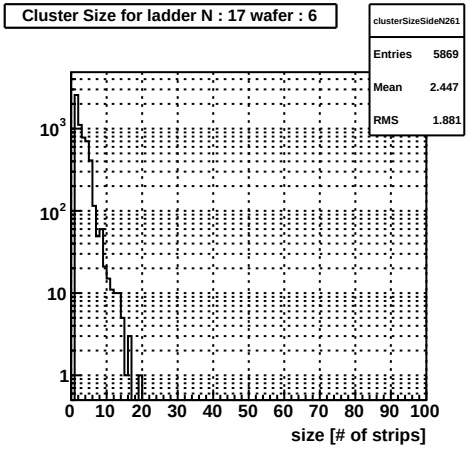

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

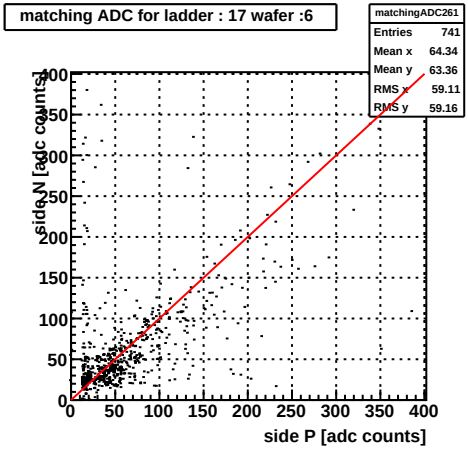

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

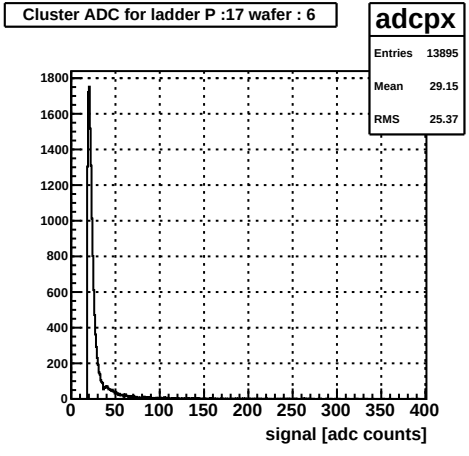

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3605
Mean 65.97
RMS 61.68
signal [adc counts]

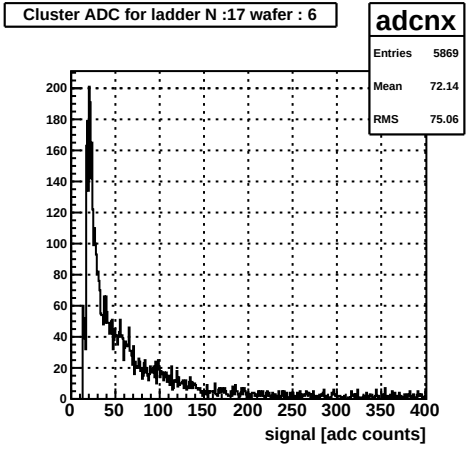

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

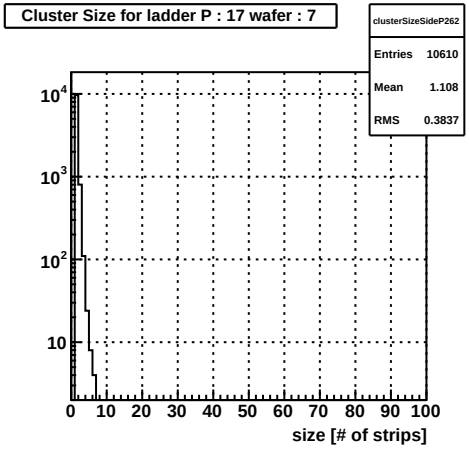

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 13895
Mean 1.058
RMS 0.2683
size [# of strips]

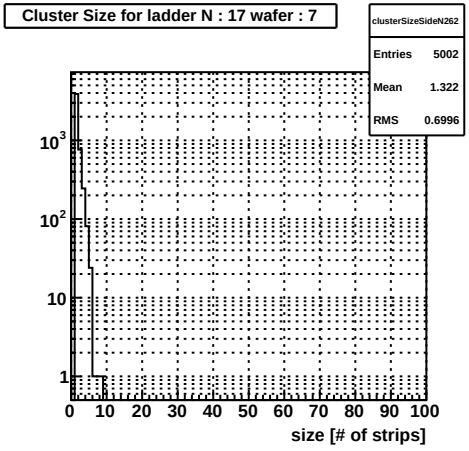

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5869
Mean 2.447
RMS 1.881
size [# of strips]

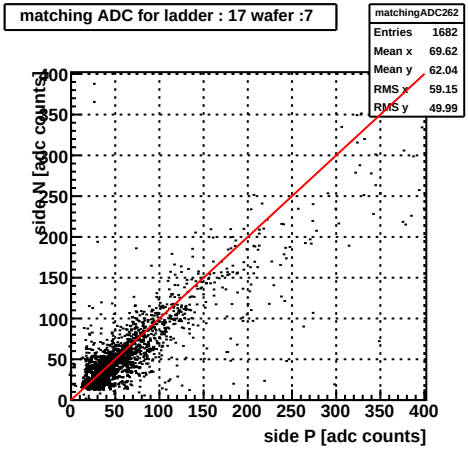

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 741
Mean x 64.34
Mean y 63.36
RMS x 59.11
RMS y 59.16
side N [adc counts]
side P [adc counts]

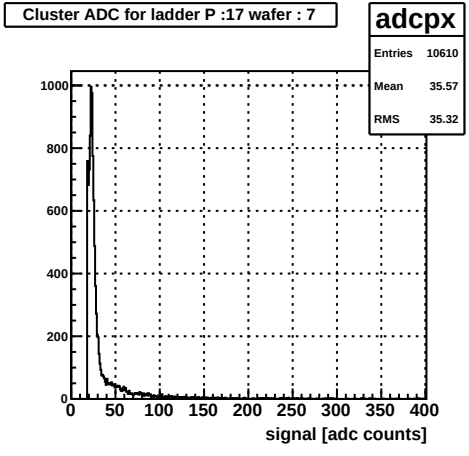

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 13895
Mean 29.15
RMS 25.37
signal [adc counts]

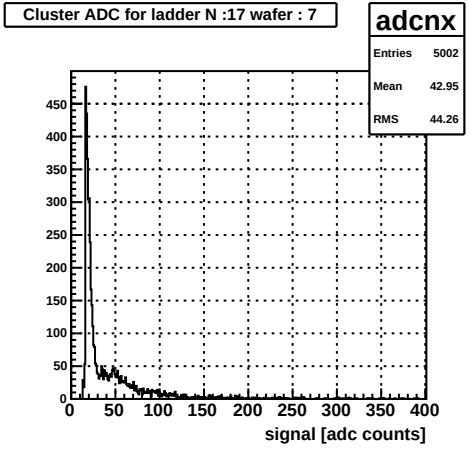

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5869
Mean 72.14
RMS 75.06
signal [adc counts]

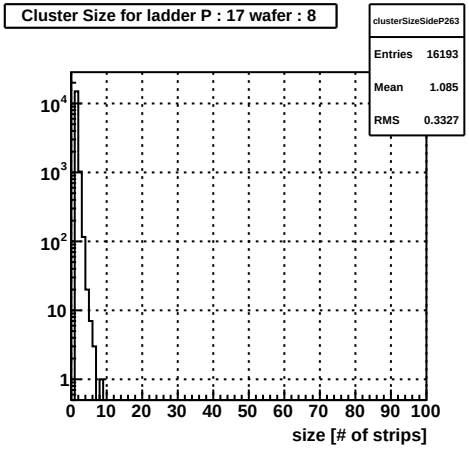

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10610
Mean 1.108
RMS 0.3837
size [# of strips]

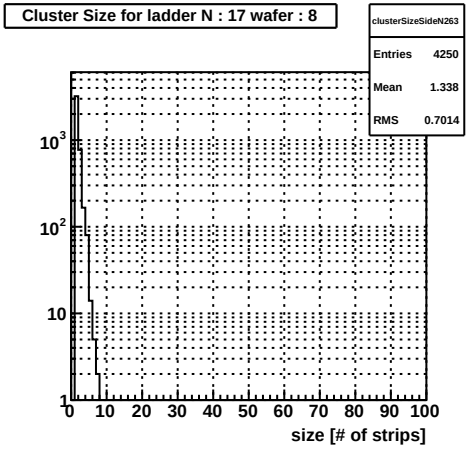

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5002
Mean 1.322
RMS 0.6996
size [# of strips]

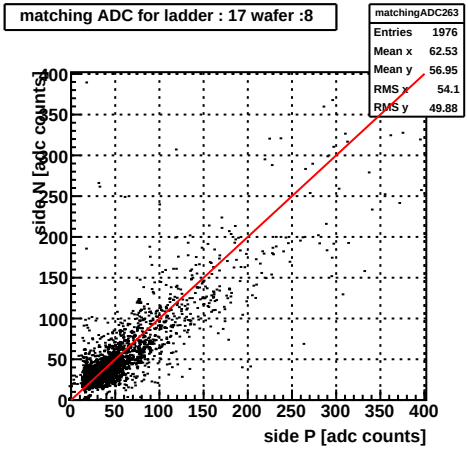

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1682
Mean x 69.62
Mean y 62.04
RMS x 59.15
RMS y 49.99
side N [adc counts]
side P [adc counts]

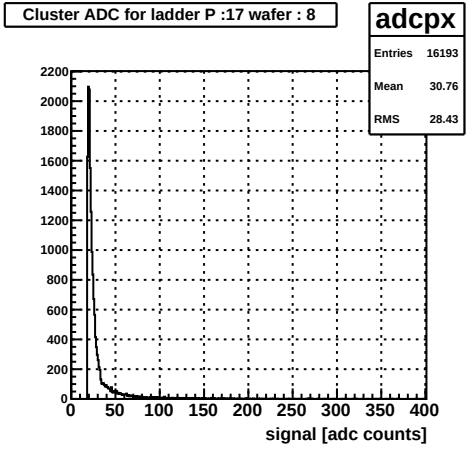

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10610
Mean 35.57
RMS 35.32
signal [adc counts]

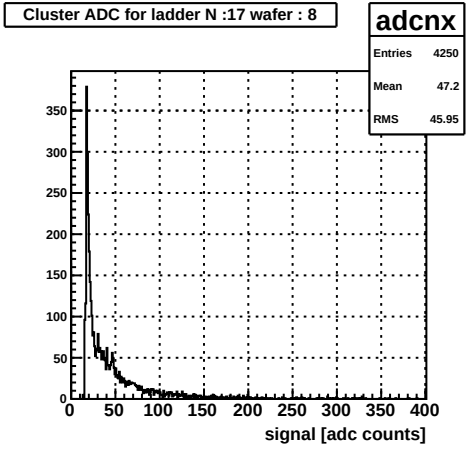

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5002
Mean 42.95
RMS 44.26
signal [adc counts]

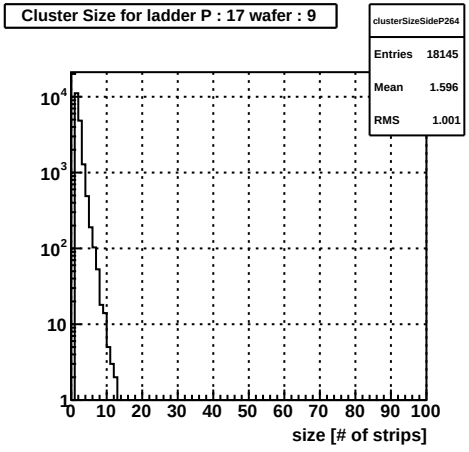

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 16193
Mean 1.085
RMS 0.3327
size [# of strips]

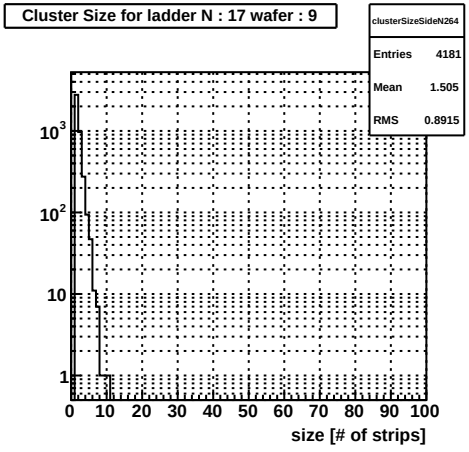

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 4250
Mean 1.338
RMS 0.7014
size [# of strips]

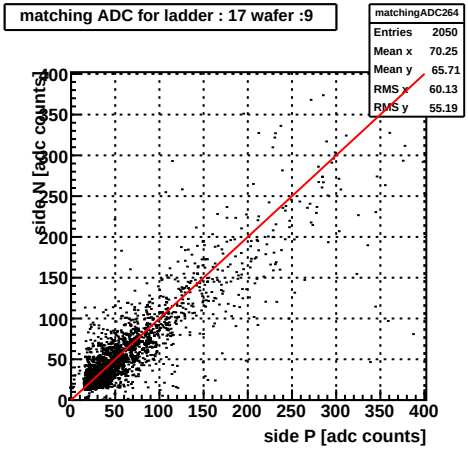

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1976
Mean x 62.53
Mean y 56.95
RMS x 54.1
RMS y 49.88
side N [adc counts]
side P [adc counts]

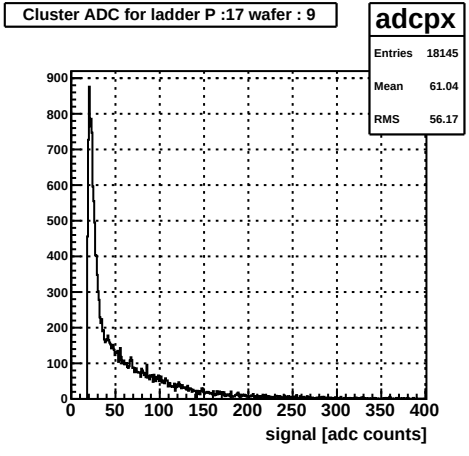

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 16193
Mean 30.76
RMS 28.43
signal [adc counts]

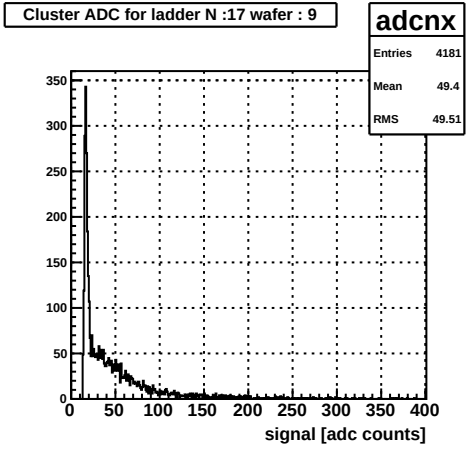

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 4250
Mean 47.2
RMS 45.95
signal [adc counts]

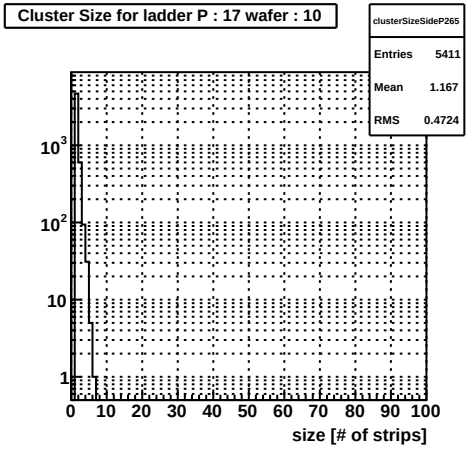

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 18145
Mean 1.596
RMS 1.001
size [# of strips]

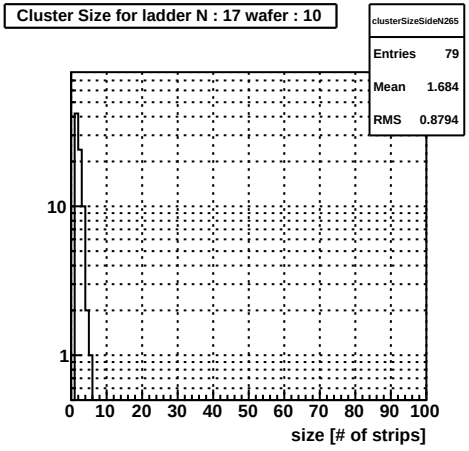

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4181
Mean 1.505
RMS 0.8915
size [# of strips]

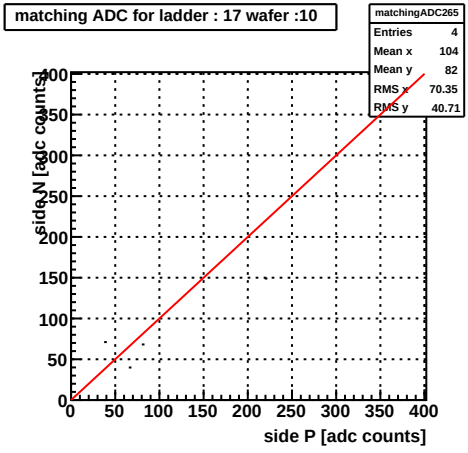

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 2050
Mean x 70.25
Mean y 65.71
RMS x 60.13
RMS y 55.19
side N [adc counts]
side P [adc counts]

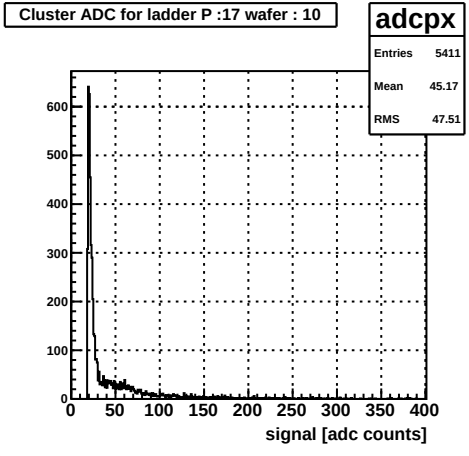

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 18145
Mean 61.04
RMS 56.17
signal [adc counts]

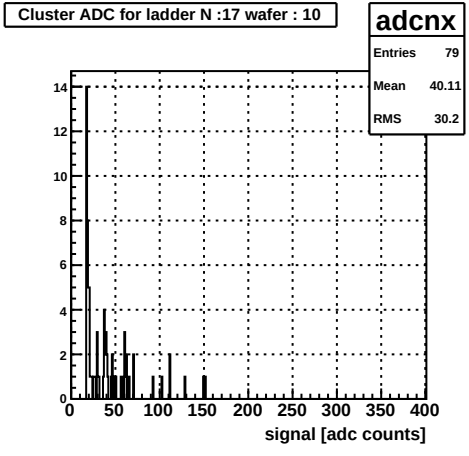

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4181
Mean 49.4
RMS 49.51
signal [adc counts]

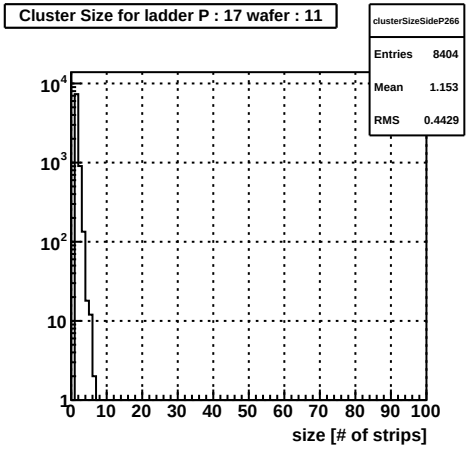

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5411
Mean 1.167
RMS 0.4724
size [# of strips]

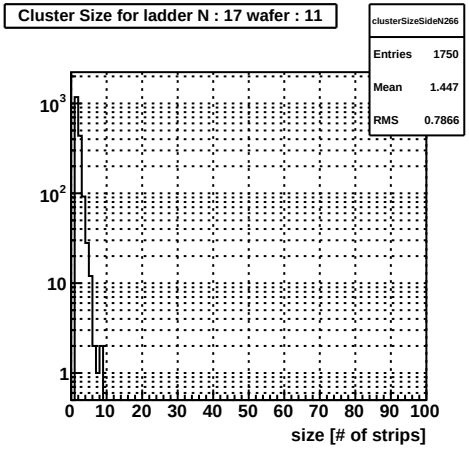

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 79
Mean 1.684
RMS 0.8794
size [# of strips]

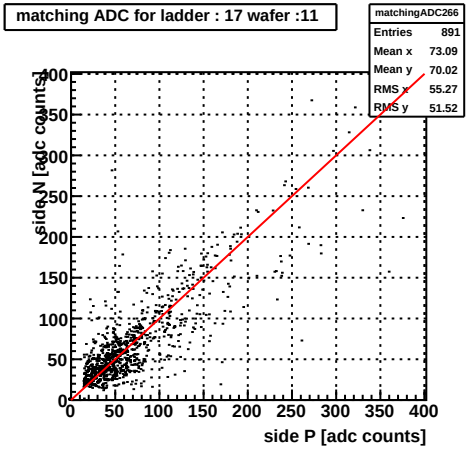

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 4
Mean x 104
Mean y 82
RMS x 70.35
RMS y 40.71
side N [adc counts]
side P [adc counts]

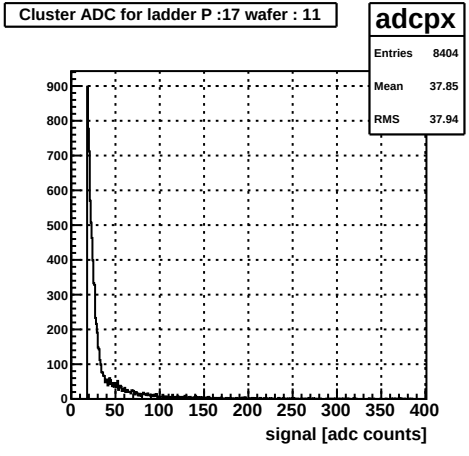

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5411
Mean 45.17
RMS 47.51
signal [adc counts]

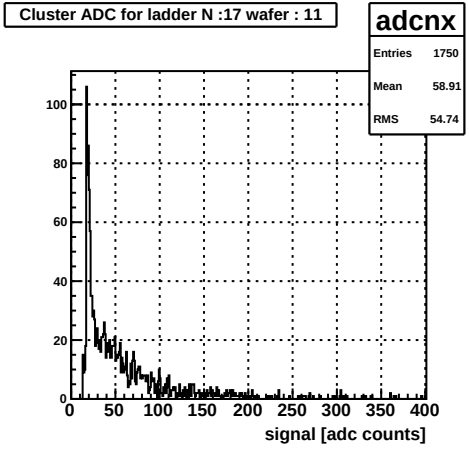

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 79
Mean 40.11
RMS 30.2
signal [adc counts]

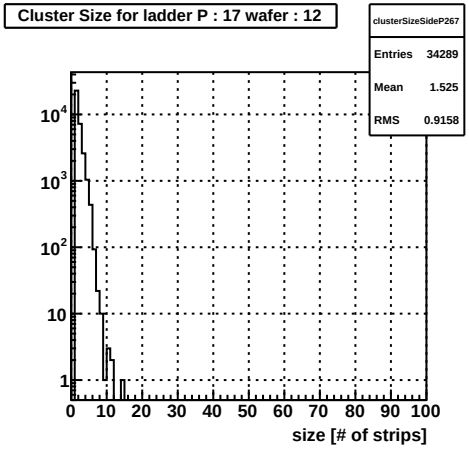

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8404
Mean 1.153
RMS 0.4429
size [# of strips]

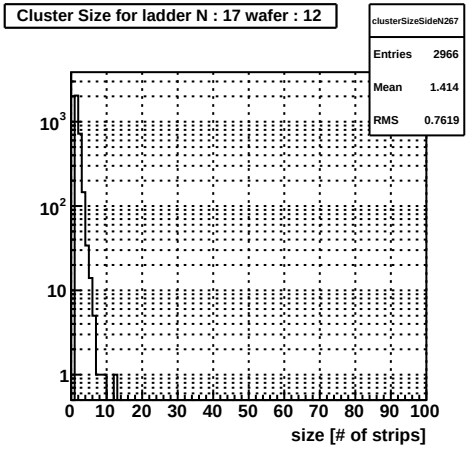

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1750
Mean 1.447
RMS 0.7866
size [# of strips]

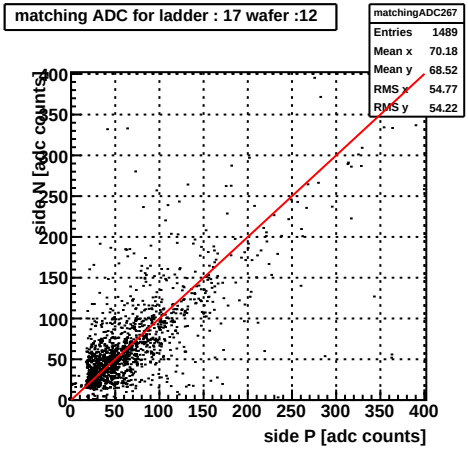

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 891
Mean x 73.09
Mean y 70.02
RMS x 55.27
RMS y 51.52
side N [adc counts]
side P [adc counts]

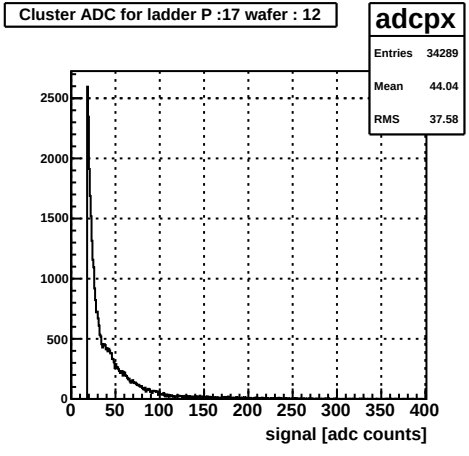

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8404
Mean 37.85
RMS 37.94
signal [adc counts]

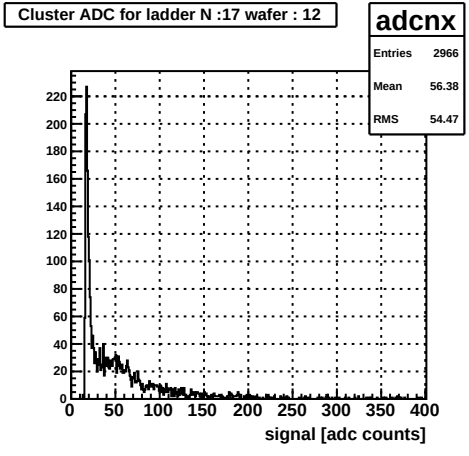

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1750
Mean 58.91
RMS 54.74
signal [adc counts]

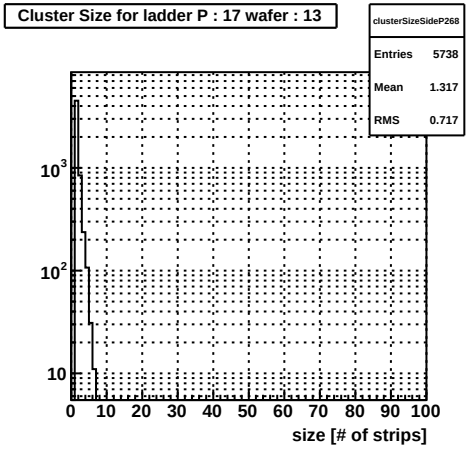

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 34289
Mean 1.525
RMS 0.9158
size [# of strips]

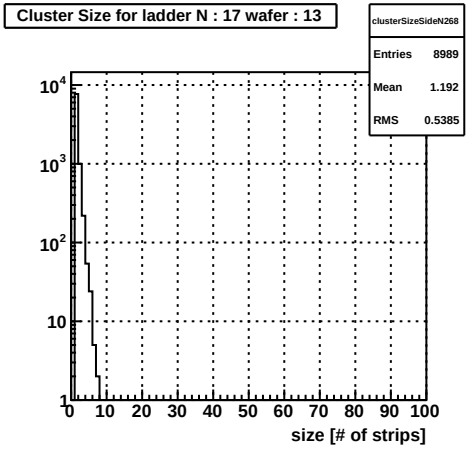

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2966
Mean 1.414
RMS 0.7619
size [# of strips]

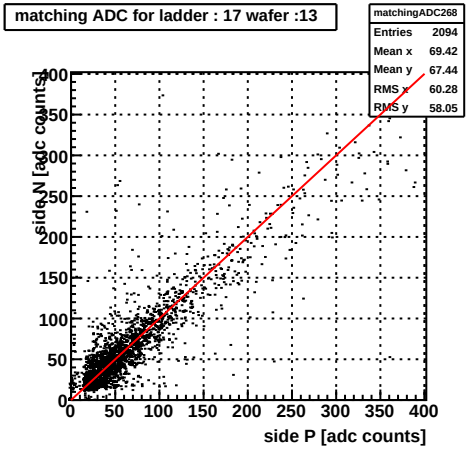

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1489
Mean x 70.18
Mean y 68.52
RMS x 54.77
RMS y 54.22
side N [adc counts]
side P [adc counts]

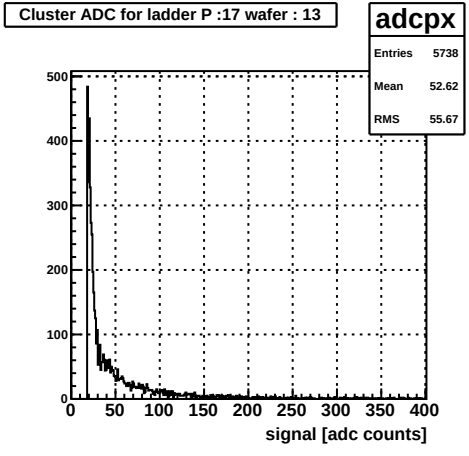

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 34289
Mean 44.04
RMS 37.58
signal [adc counts]

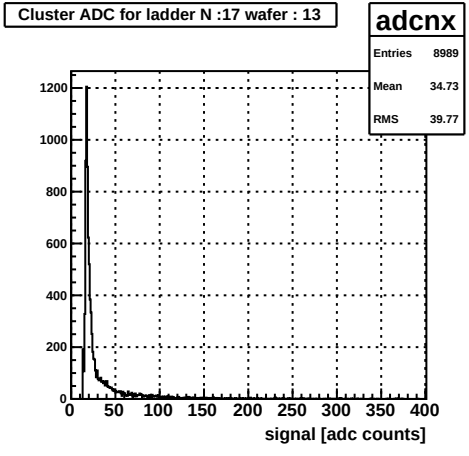

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2966
Mean 56.38
RMS 54.47
signal [adc counts]

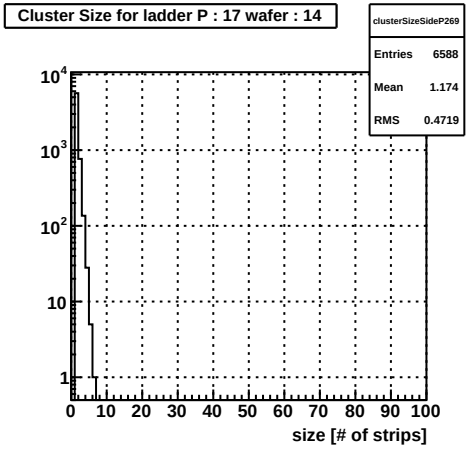

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5738
Mean 1.317
RMS 0.717
size [# of strips]

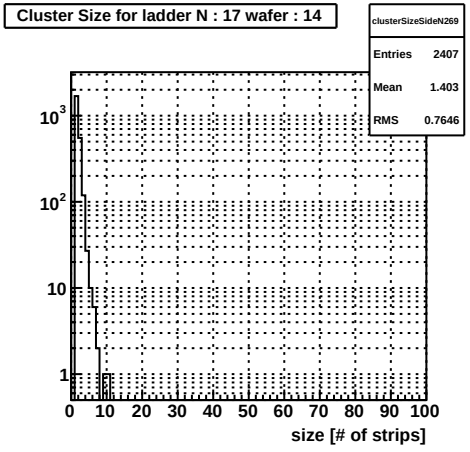

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8989
Mean 1.192
RMS 0.5385
size [# of strips]

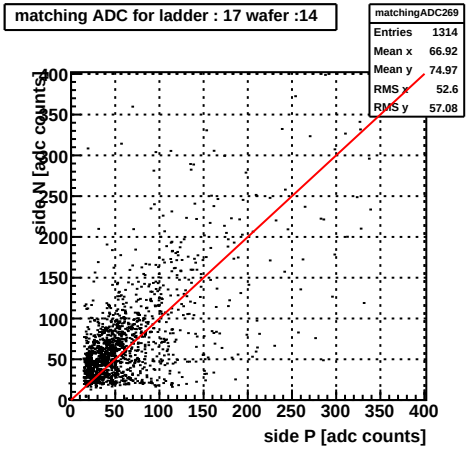

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 2094
Mean x 69.42
Mean y 67.44
RMS x 60.28
RMS y 58.05
side N [adc counts]
side P [adc counts]

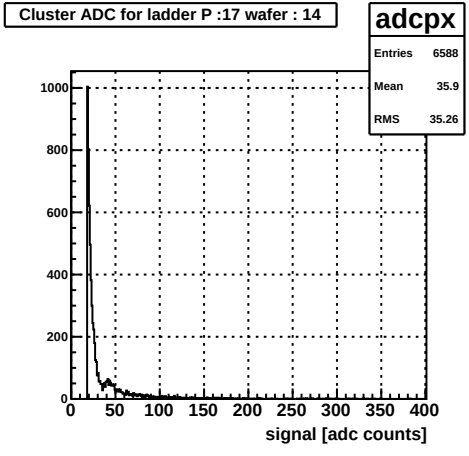

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5738
Mean 52.62
RMS 55.67
signal [adc counts]

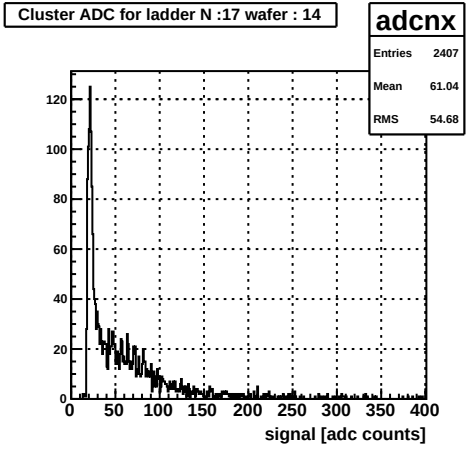

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8989
Mean 34.73
RMS 39.77
signal [adc counts]

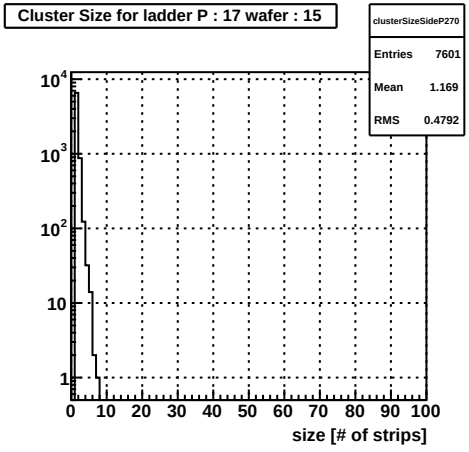

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6588
Mean 1.174
RMS 0.4719
size [# of strips]

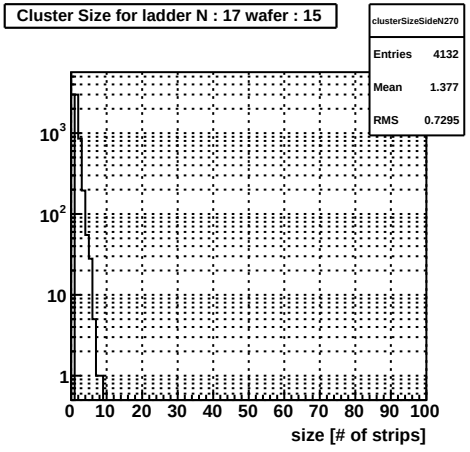

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2407
Mean 1.403
RMS 0.7646
size [# of strips]

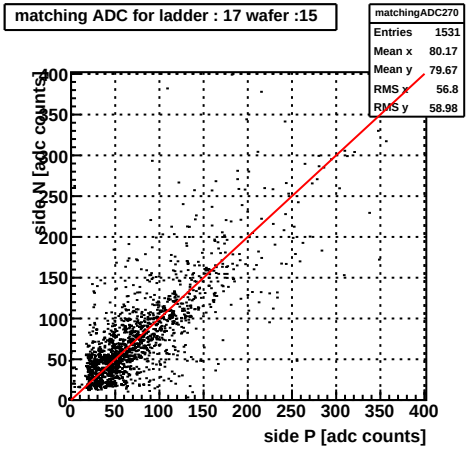

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1314
Mean x 66.92
Mean y 74.97
RMS x 52.6
RMS y 57.08
side N [adc counts]
side P [adc counts]

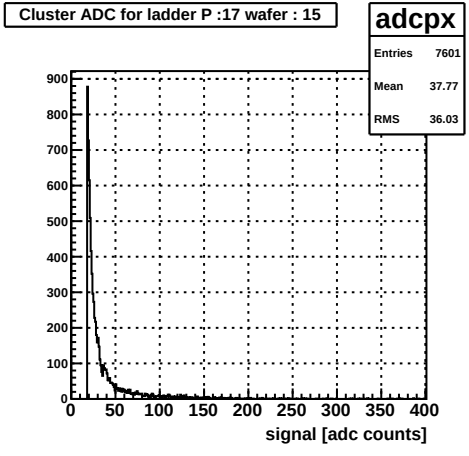

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6588
Mean 35.9
RMS 35.26
signal [adc counts]

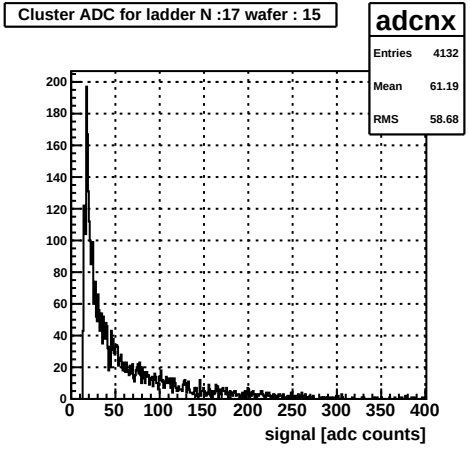

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2407
Mean 61.04
RMS 54.68
signal [adc counts]

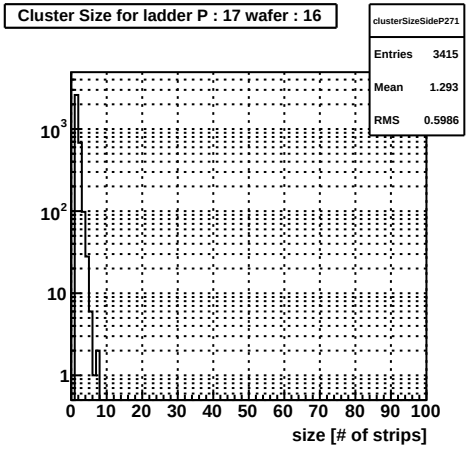

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7601
Mean 1.169
RMS 0.4792
size [# of strips]

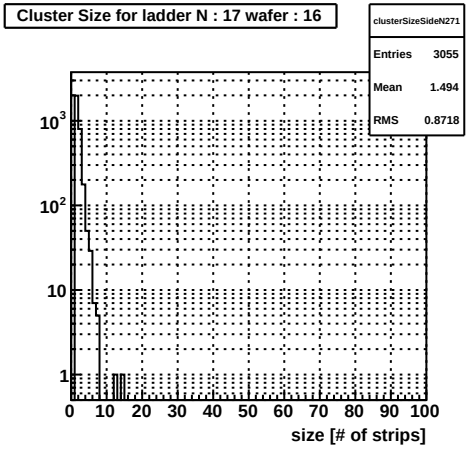

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4132
Mean 1.377
RMS 0.7295
size [# of strips]

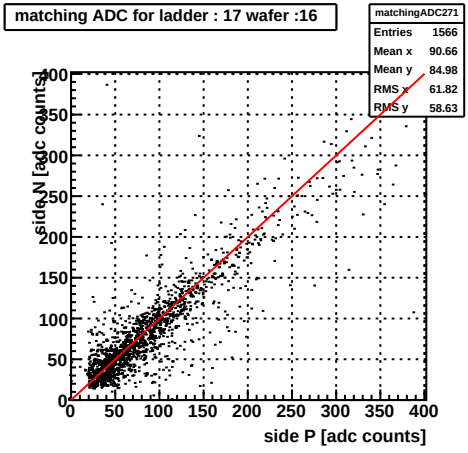

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1531
Mean x 80.17
Mean y 79.67
RMS x 56.8
RMS y 58.98
side N [adc counts]
side P [adc counts]

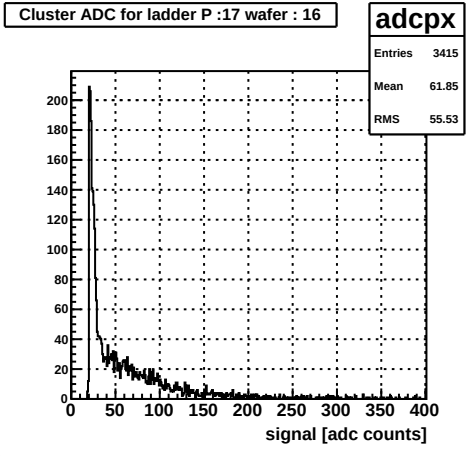

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7601
Mean 37.77
RMS 36.03
signal [adc counts]

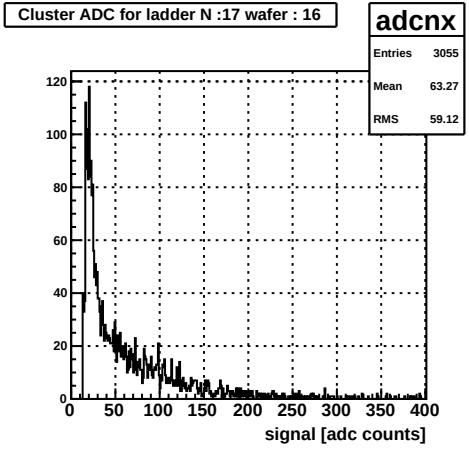

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4132
Mean 61.19
RMS 58.68
signal [adc counts]

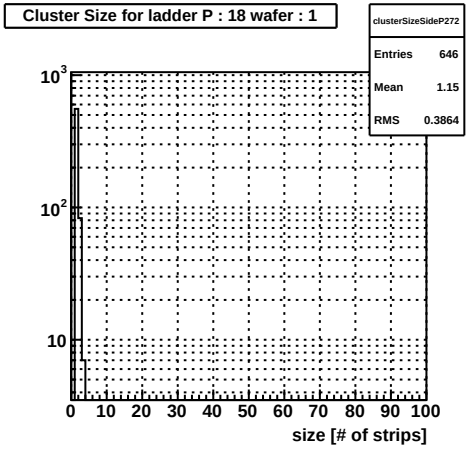

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3415
Mean 1.293
RMS 0.5986
size [# of strips]

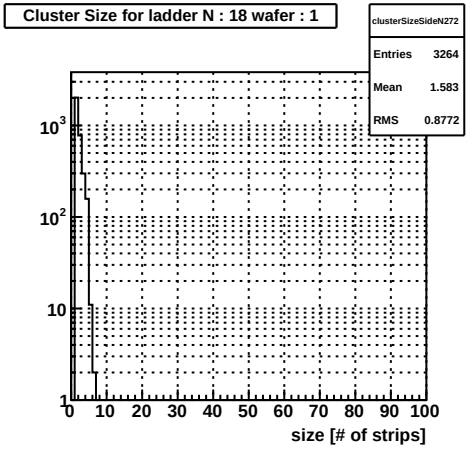

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 3055
Mean 1.494
RMS 0.8718
size [# of strips]

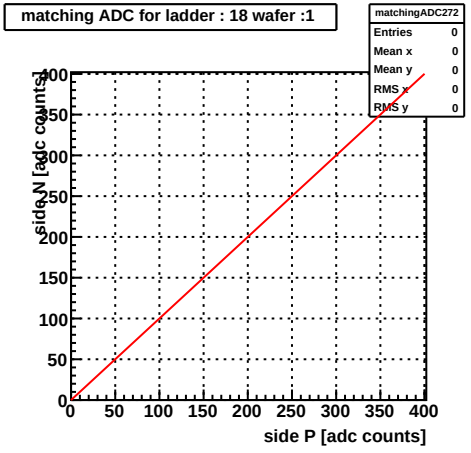

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1566
Mean x 90.66
Mean y 84.98
RMS x 61.82
RMS y 58.63
side N [adc counts]
side P [adc counts]

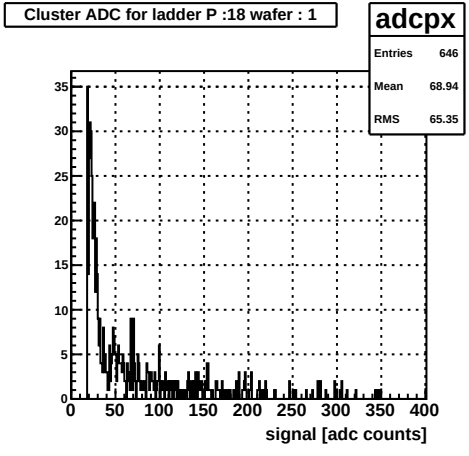

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3415
Mean 61.85
RMS 55.53
signal [adc counts]

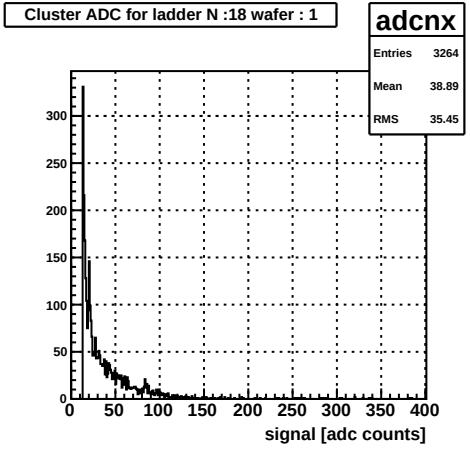

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 3055
Mean 63.27
RMS 59.12
signal [adc counts]

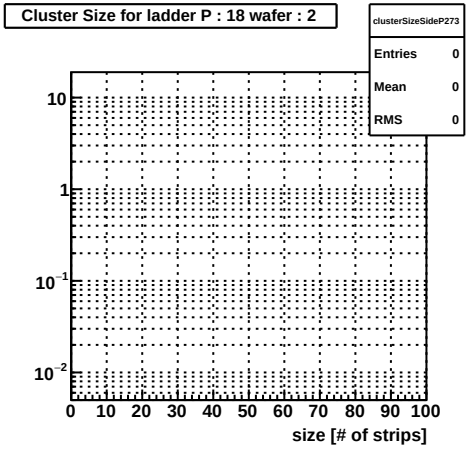

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 646
Mean 1.15
RMS 0.3864
size [# of strips]

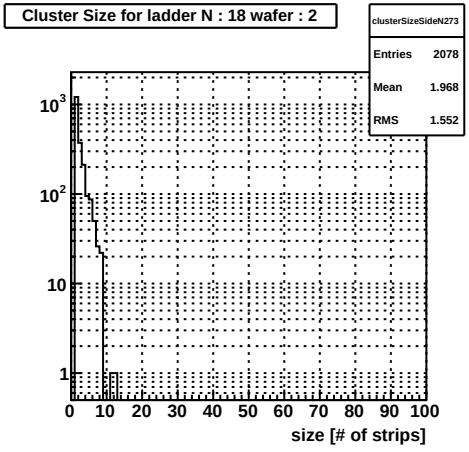

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3264
Mean 1.583
RMS 0.8772
size [# of strips]

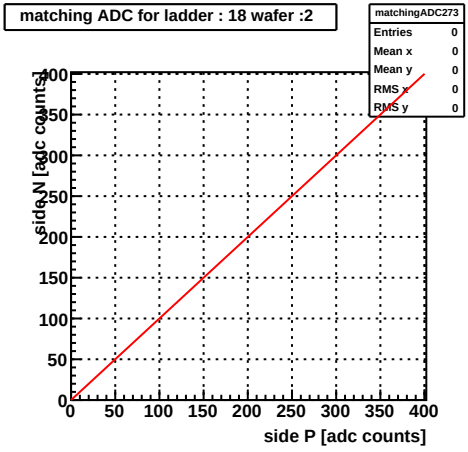

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

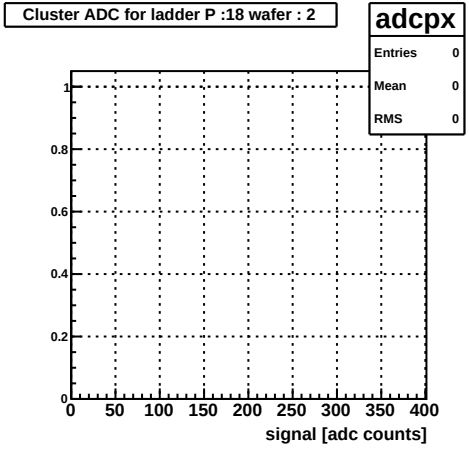

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 646
Mean 68.94
RMS 65.35
signal [adc counts]

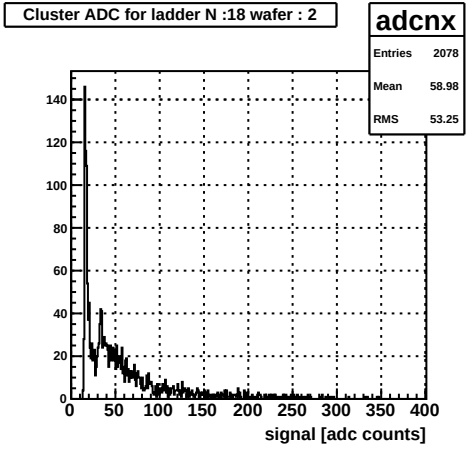

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3264
Mean 38.89
RMS 35.45
signal [adc counts]

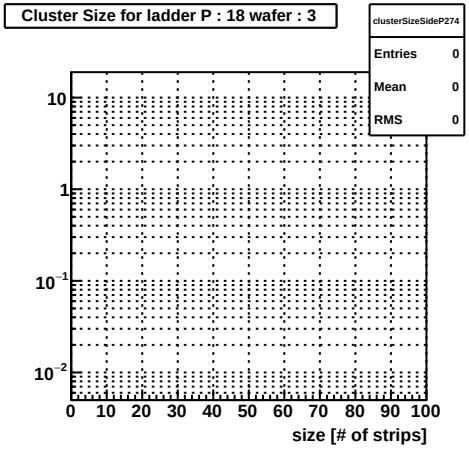

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

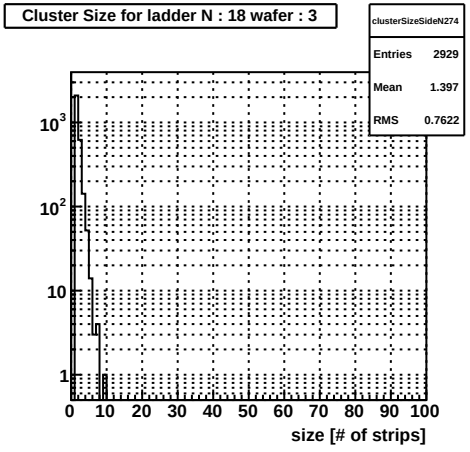

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2078
Mean 1.968
RMS 1.552
size [# of strips]

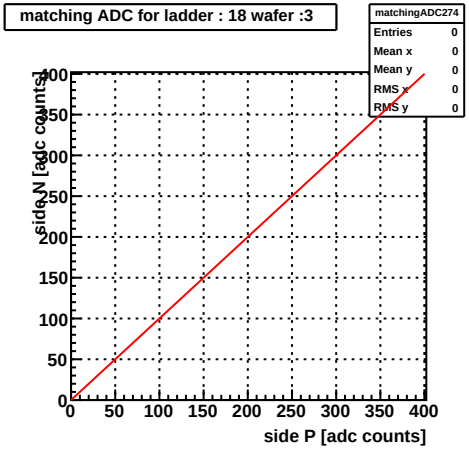

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

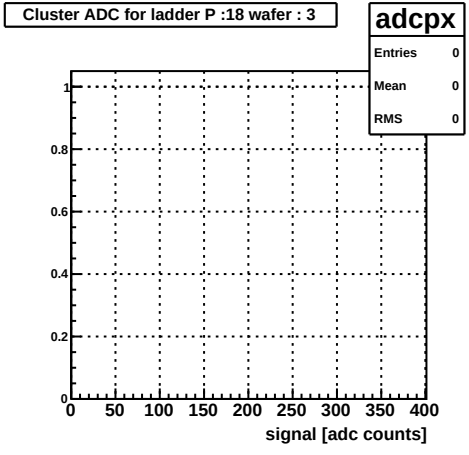

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

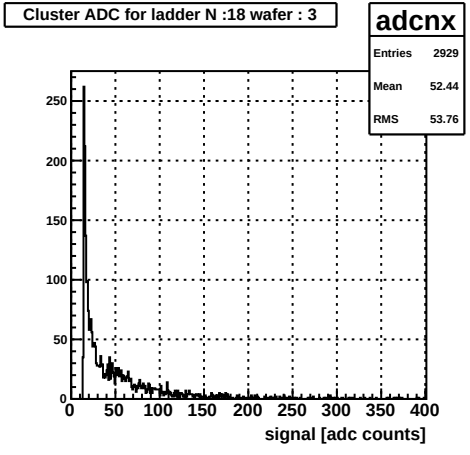

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2078
Mean 58.98
RMS 53.25
signal [adc counts]

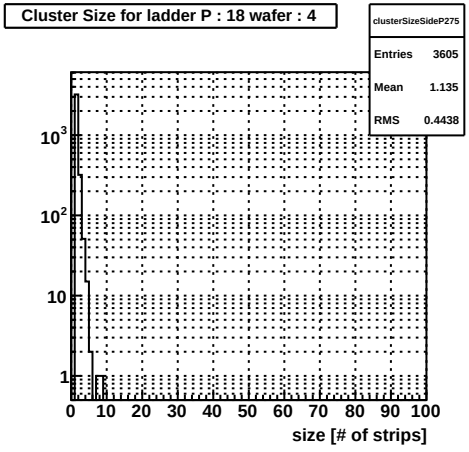

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

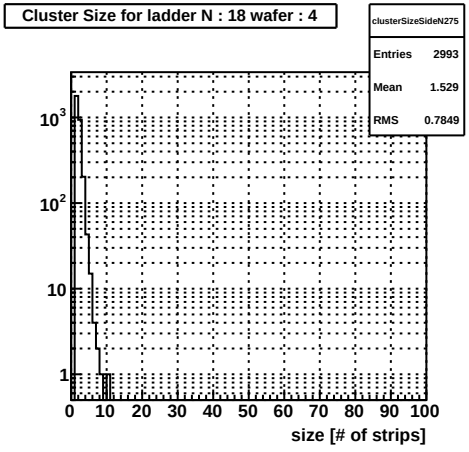

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2929
Mean 1.397
RMS 0.7622
size [# of strips]

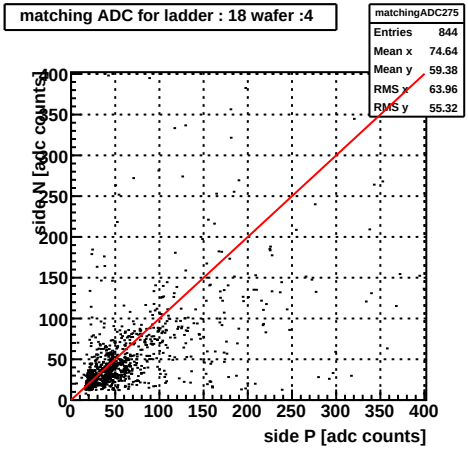

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

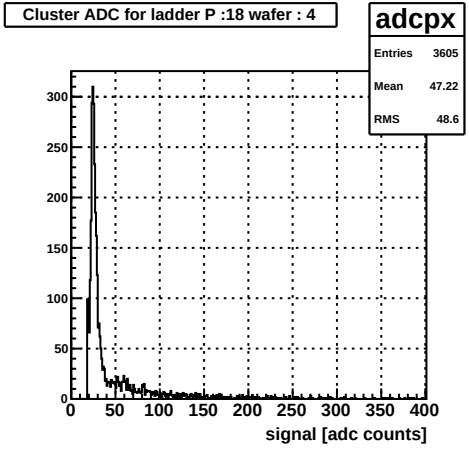

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

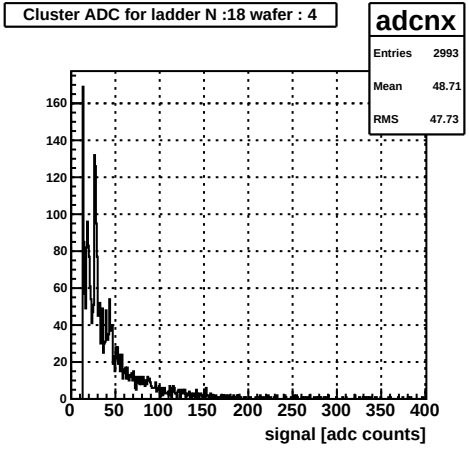

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2929
Mean 52.44
RMS 53.76
signal [adc counts]

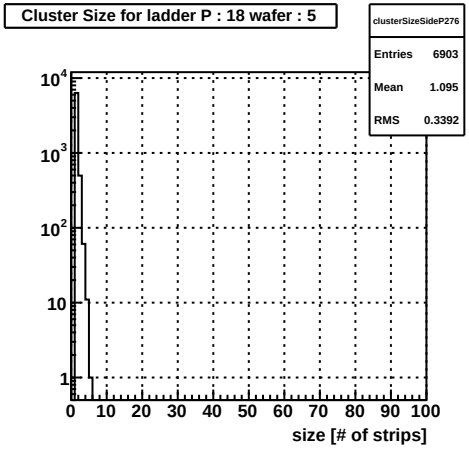

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3605
Mean 1.135
RMS 0.4438
size [# of strips]

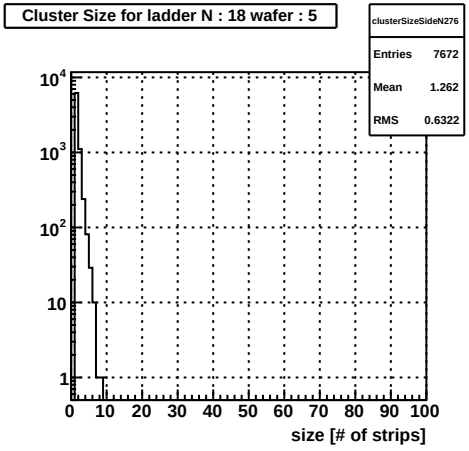

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2993
Mean 1.529
RMS 0.7849
size [# of strips]

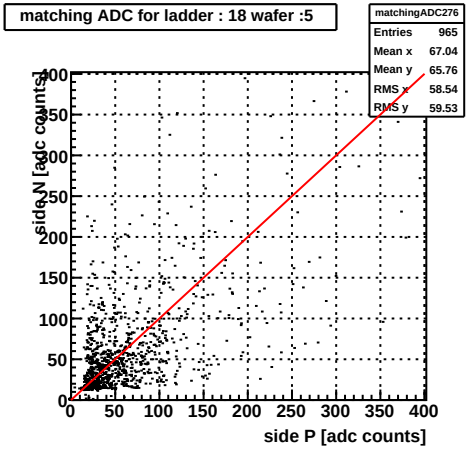

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 844
Mean x 74.64
Mean y 59.38
RMS x 63.96
RMS y 55.32
side N [adc counts]
side P [adc counts]

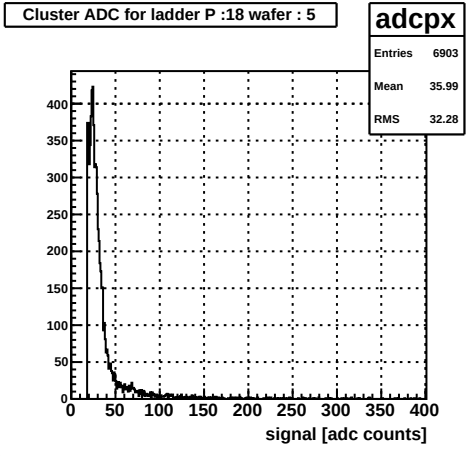

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3605
Mean 47.22
RMS 48.6
signal [adc counts]

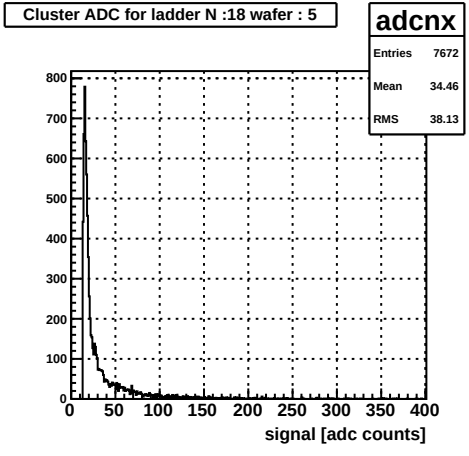

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2993
Mean 48.71
RMS 47.73
signal [adc counts]

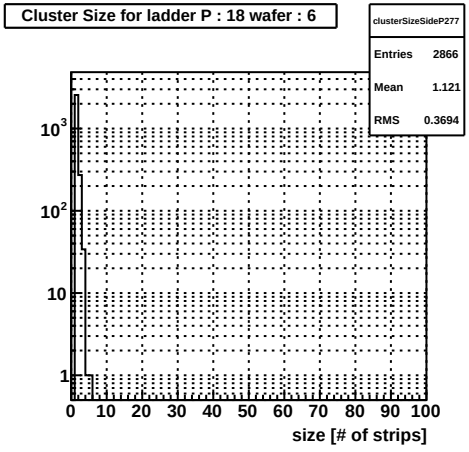

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6903
Mean 1.095
RMS 0.3392
size [# of strips]

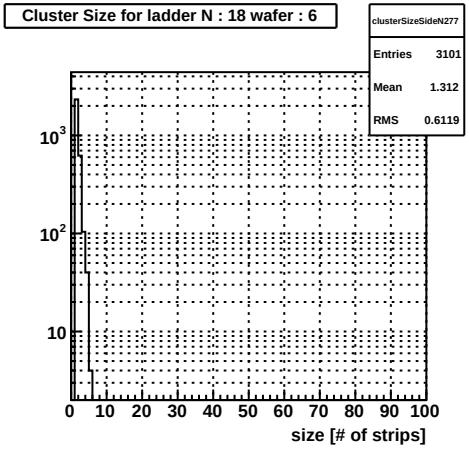

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7672
Mean 1.262
RMS 0.6322
size [# of strips]

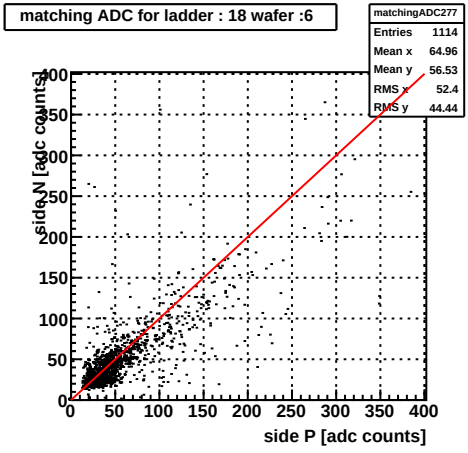

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 965
Mean x 67.04
Mean y 65.76
RMS x 58.54
RMS y 59.53
side N [adc counts]
side P [adc counts]

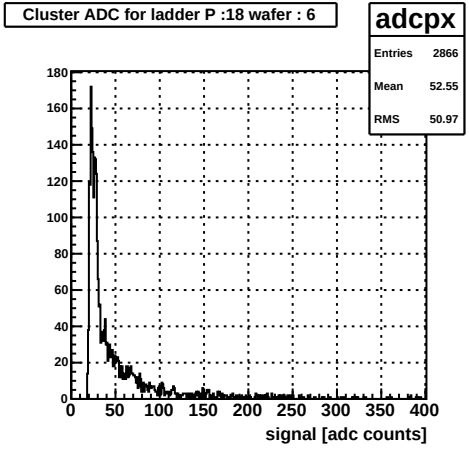

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6903
Mean 35.99
RMS 32.28
signal [adc counts]

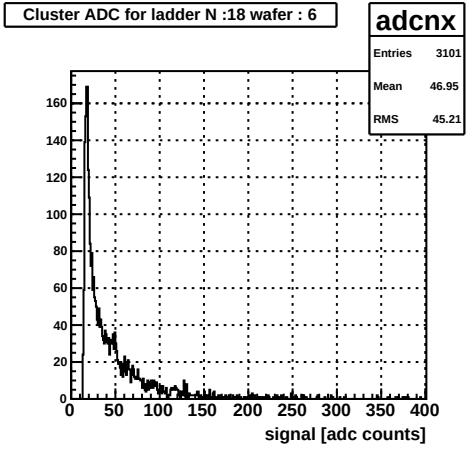

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7672
Mean 34.46
RMS 38.13
signal [adc counts]

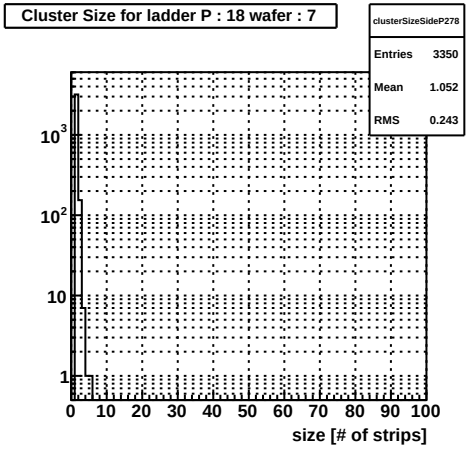

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2866
Mean 1.121
RMS 0.3694
size [# of strips]

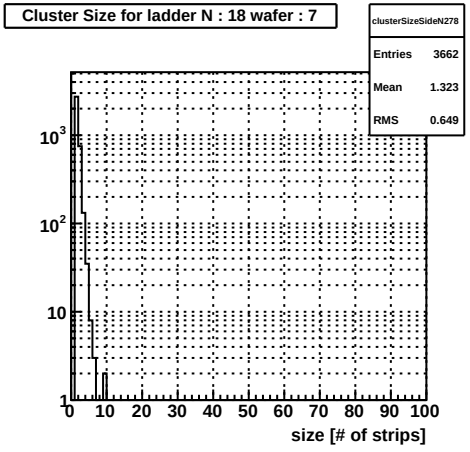

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3101
Mean 1.312
RMS 0.6119
size [# of strips]

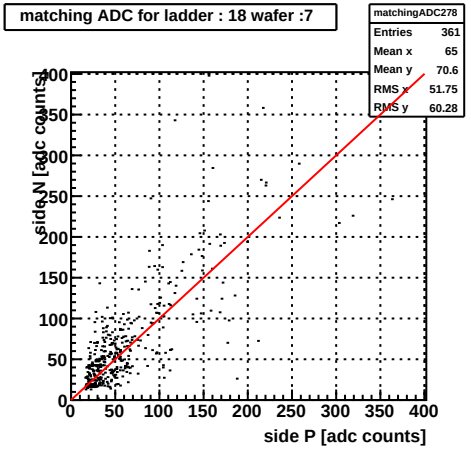

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1114
Mean x 64.96
Mean y 56.53
RMS x 52.4
RMS y 44.44
side N [adc counts]
side P [adc counts]

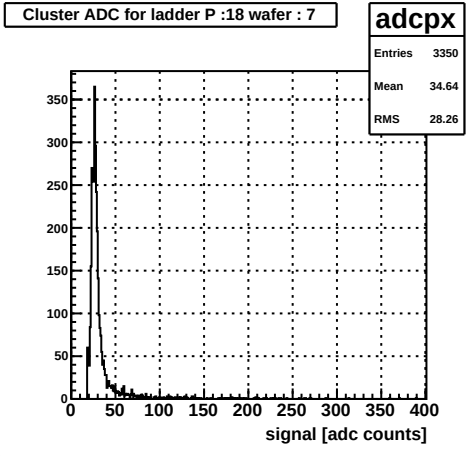

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2866
Mean 52.55
RMS 50.97
signal [adc counts]

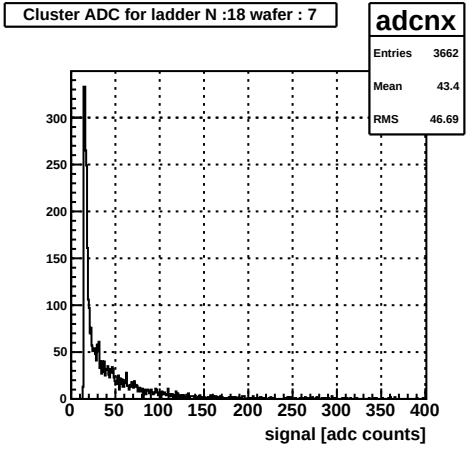

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3101
Mean 46.95
RMS 45.21
signal [adc counts]

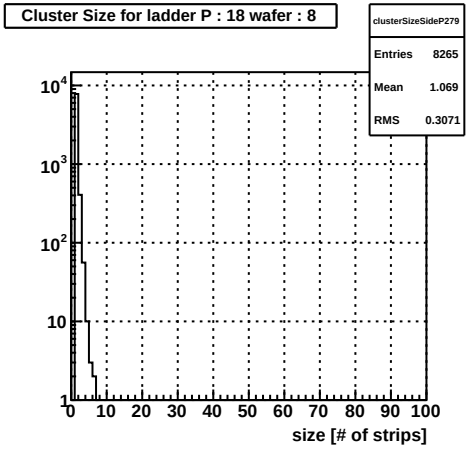

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3350
Mean 1.052
RMS 0.243
size [# of strips]

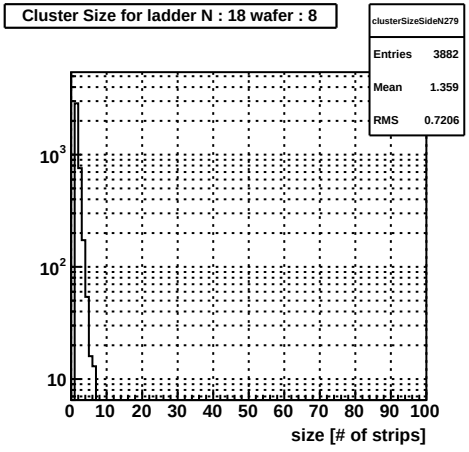

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3662
Mean 1.323
RMS 0.649
size [# of strips]

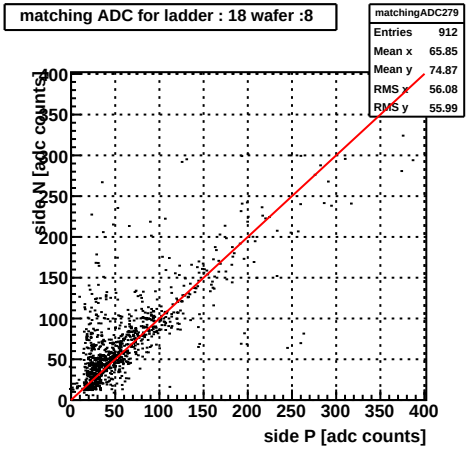

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 361
Mean x 65
Mean y 70.6
RMS x 51.75
RMS y 60.28
side N [adc counts]
side P [adc counts]

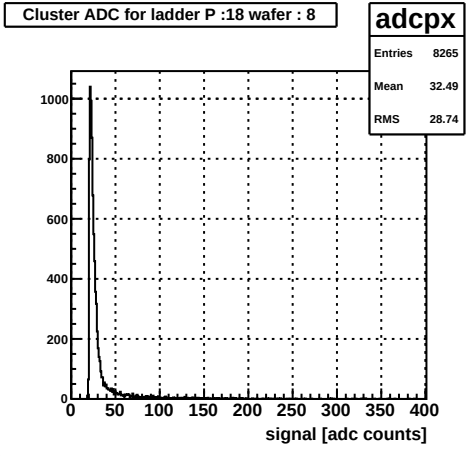

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3350
Mean 34.64
RMS 28.26
signal [adc counts]

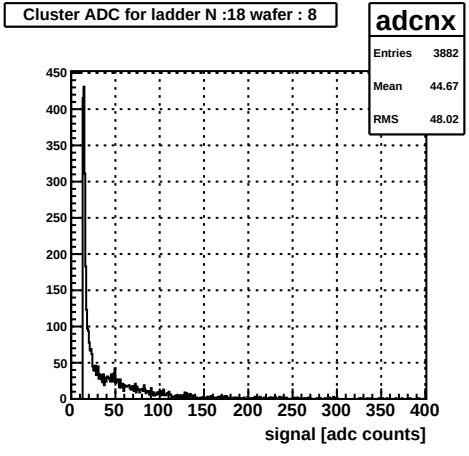

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3662
Mean 43.4
RMS 46.69
signal [adc counts]

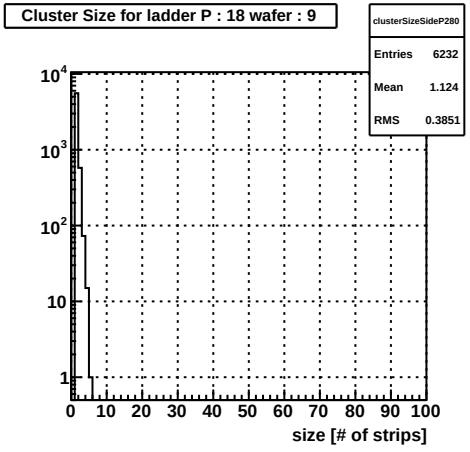

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8265
Mean 1.069
RMS 0.3071
size [# of strips]

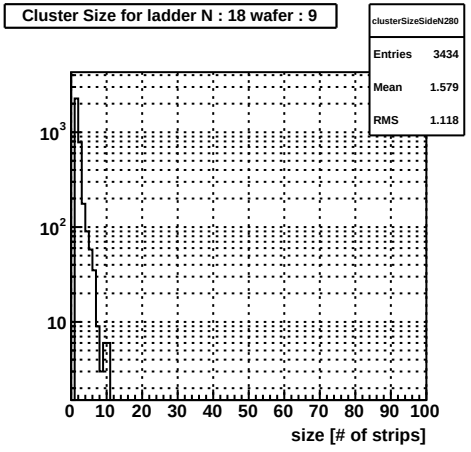

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3882
Mean 1.359
RMS 0.7206
size [# of strips]

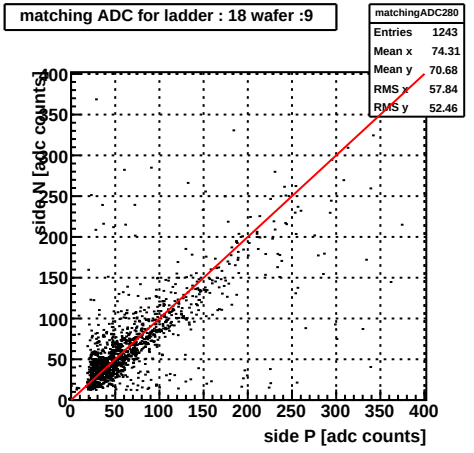

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 912
Mean x 65.85
Mean y 74.87
RMS x 56.08
RMS y 55.99
side N [adc counts]
side P [adc counts]

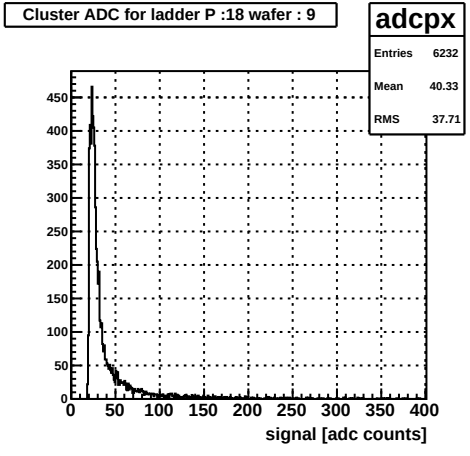

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8265
Mean 32.49
RMS 28.74
signal [adc counts]

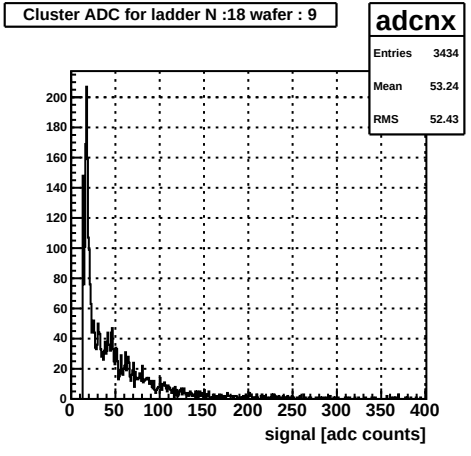

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3882
Mean 44.67
RMS 48.02
signal [adc counts]

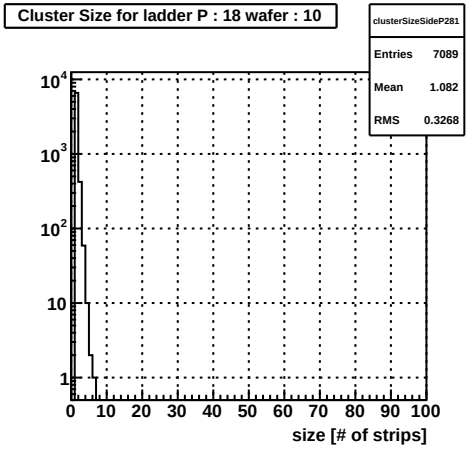

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6232
Mean 1.124
RMS 0.3851
size [# of strips]

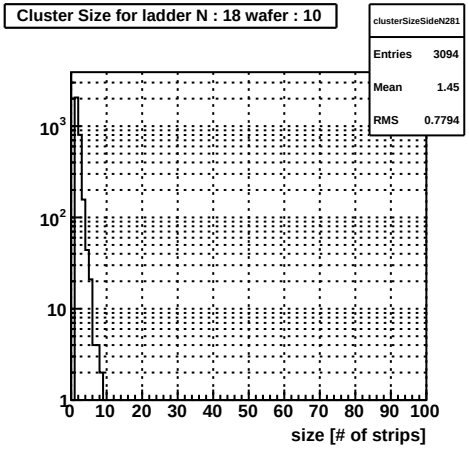

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3434
Mean 1.579
RMS 1.118
size [# of strips]

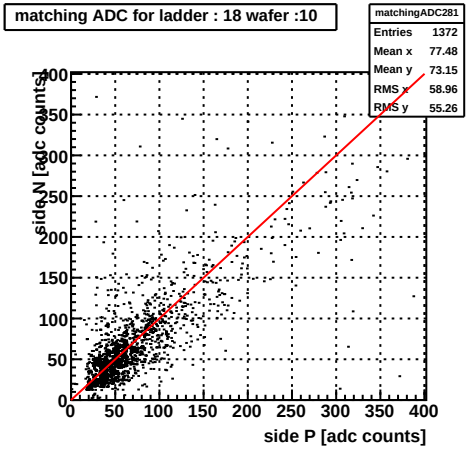

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1243
Mean x 74.31
Mean y 70.68
RMS x 57.84
RMS y 52.46
side N [adc counts]
side P [adc counts]

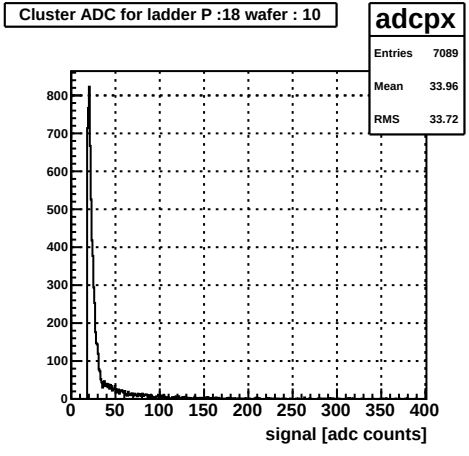

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6232
Mean 40.33
RMS 37.71
signal [adc counts]

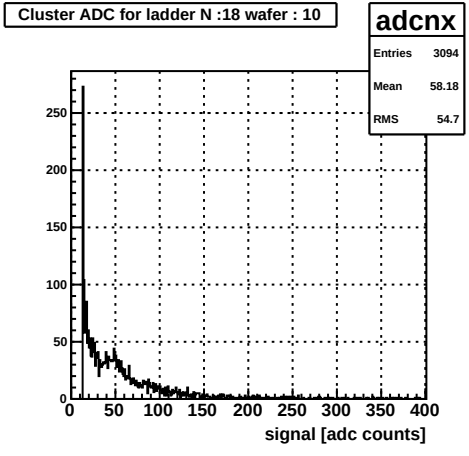

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3434
Mean 53.24
RMS 52.43
signal [adc counts]

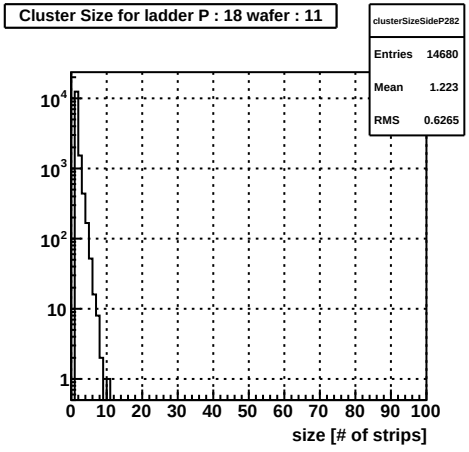

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7089
Mean 1.082
RMS 0.3268
size [# of strips]

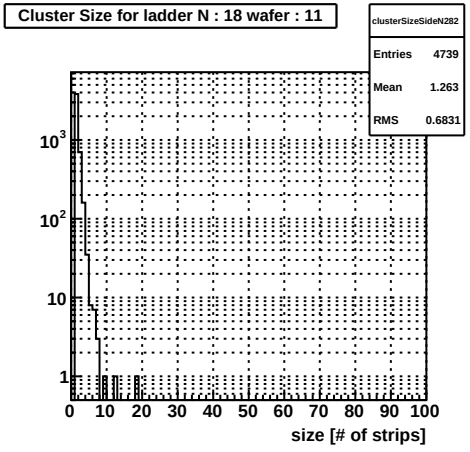

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3094
Mean 1.45
RMS 0.7794
size [# of strips]

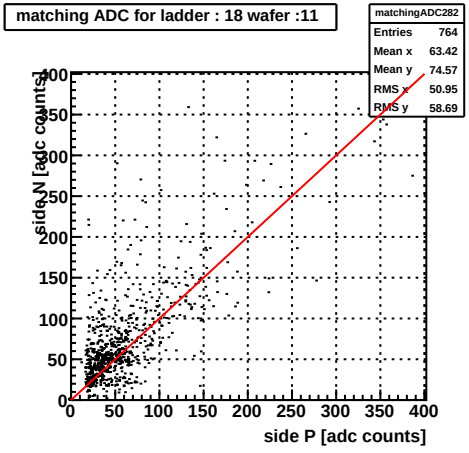

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1372
Mean x 77.48
Mean y 73.15
RMS x 58.96
RMS y 55.26
side N [adc counts]
side P [adc counts]

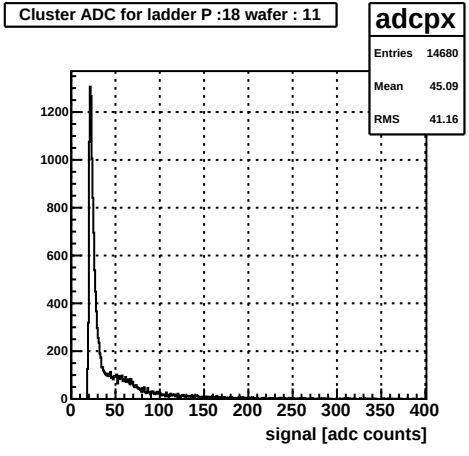

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7089
Mean 33.96
RMS 33.72
signal [adc counts]

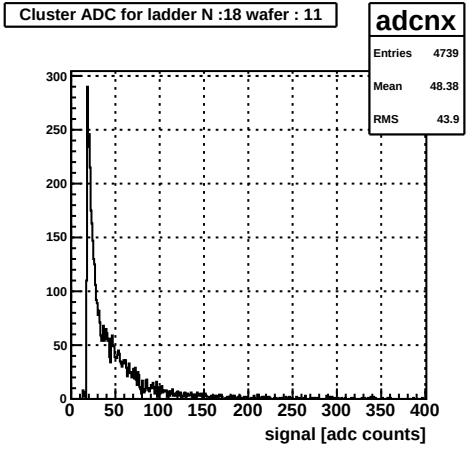

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3094
Mean 58.18
RMS 54.7
signal [adc counts]

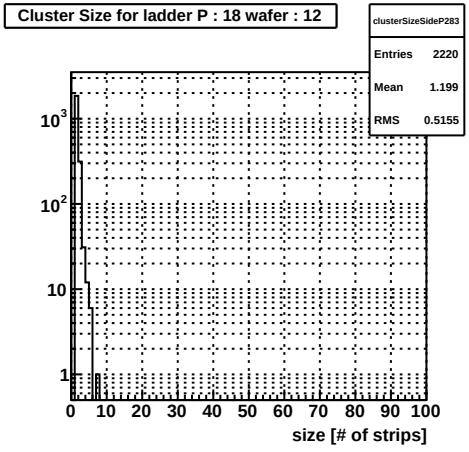

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 14680
Mean 1.223
RMS 0.6265
size [# of strips]

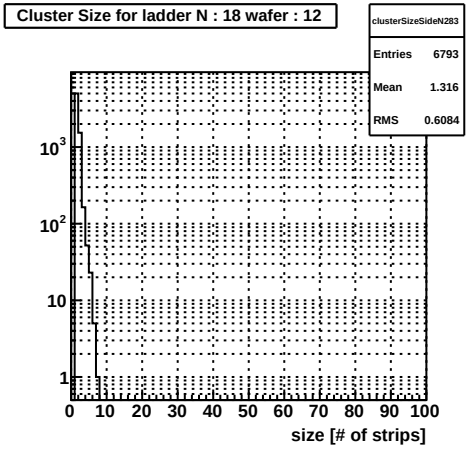

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4739
Mean 1.263
RMS 0.6831
size [# of strips]

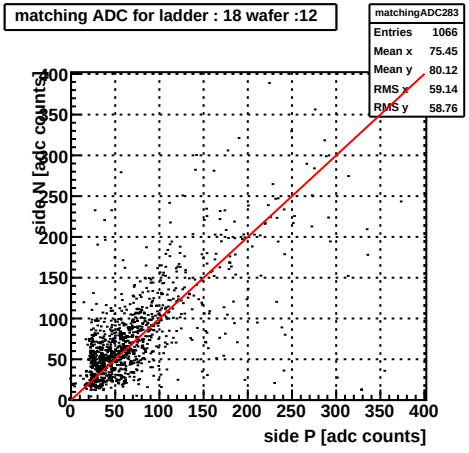

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 764
Mean x 63.42
Mean y 74.57
RMS x 50.95
RMS y 58.69
side N [adc counts]
side P [adc counts]

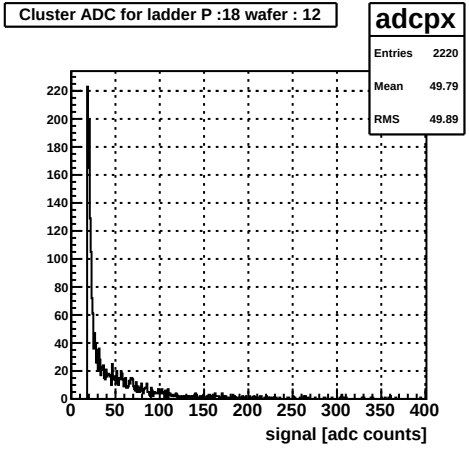

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 14680
Mean 45.09
RMS 41.16
signal [adc counts]

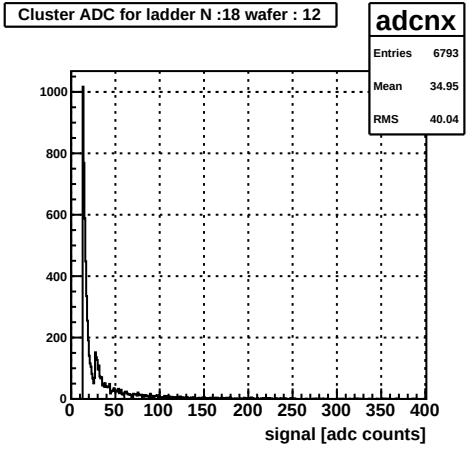

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4739
Mean 48.38
RMS 43.9
signal [adc counts]

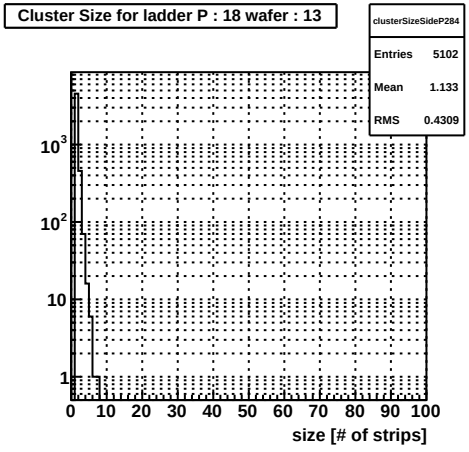

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2220
Mean 1.199
RMS 0.5155
size [# of strips]

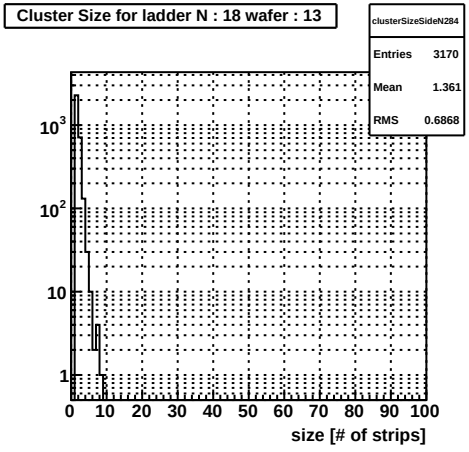

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6793
Mean 1.316
RMS 0.6084
size [# of strips]

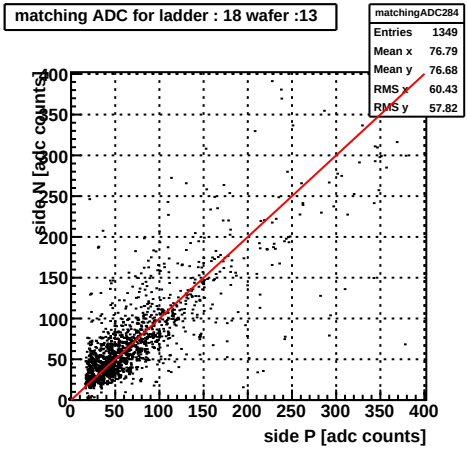

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 1066
Mean x 75.45
Mean y 80.12
RMS x 59.14
RMS y 58.76
side N [adc counts]
side P [adc counts]

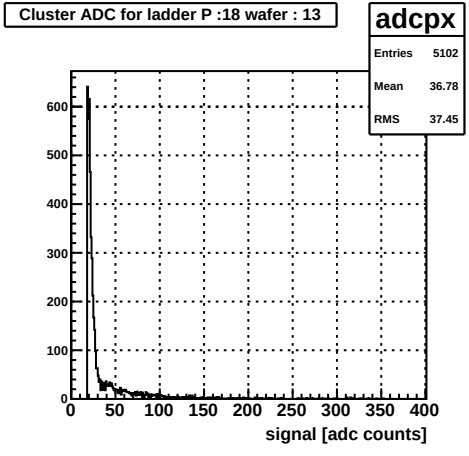

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2220
Mean 49.79
RMS 49.89
signal [adc counts]

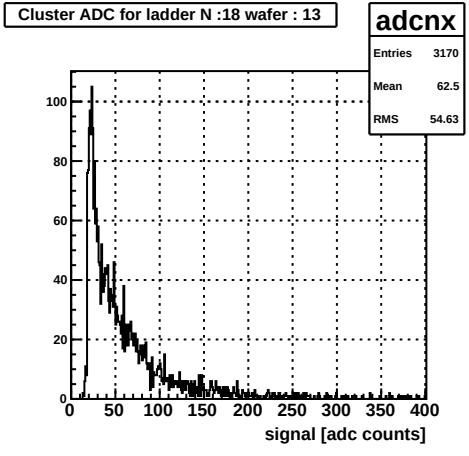

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6793
Mean 34.95
RMS 40.04
signal [adc counts]

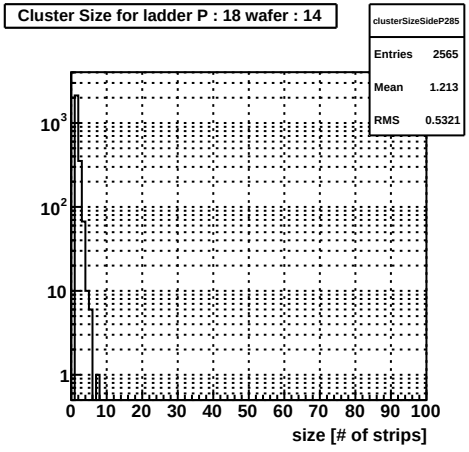

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5102
Mean 1.133
RMS 0.4309
size [# of strips]

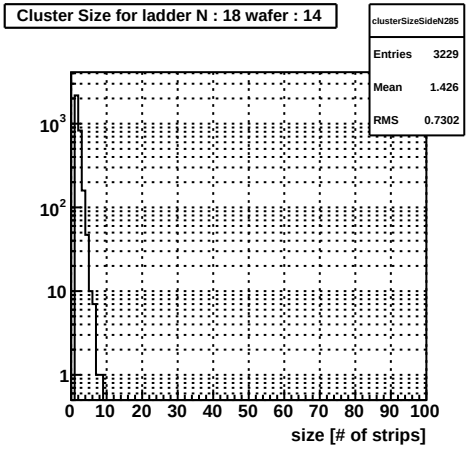

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3170
Mean 1.361
RMS 0.6868
size [# of strips]

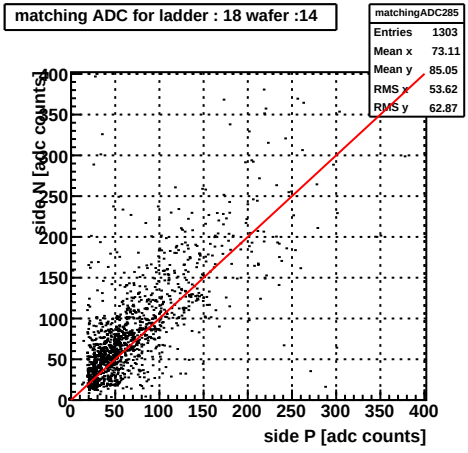

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1349
Mean x 76.79
Mean y 76.68
RMS x 60.43
RMS y 57.82
side N [adc counts]
side P [adc counts]

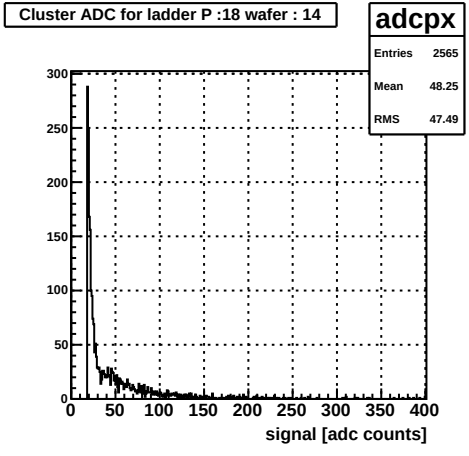

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5102
Mean 36.78
RMS 37.45
signal [adc counts]

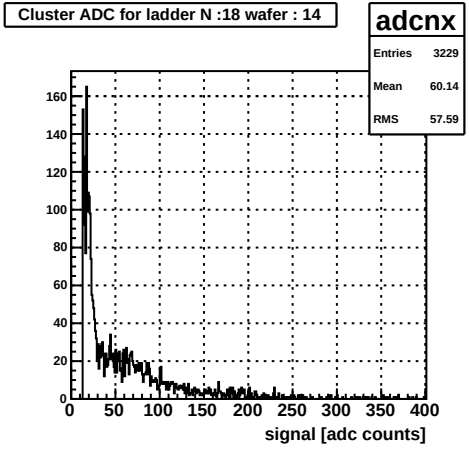

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3170
Mean 62.5
RMS 54.63
signal [adc counts]

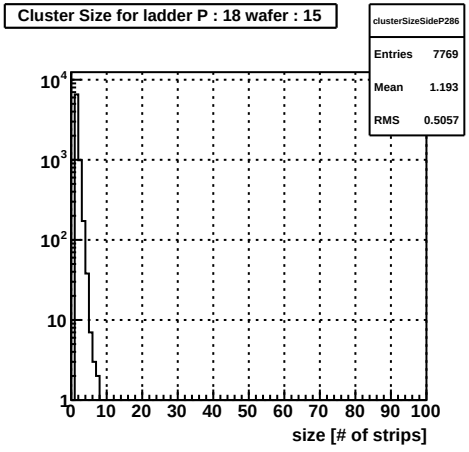

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2565
Mean 1.213
RMS 0.5321
size [# of strips]

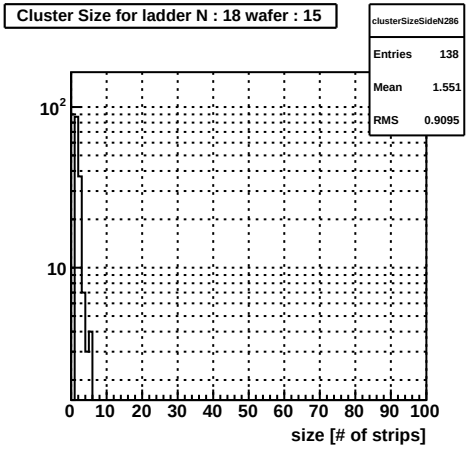

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3229
Mean 1.426
RMS 0.7302
size [# of strips]

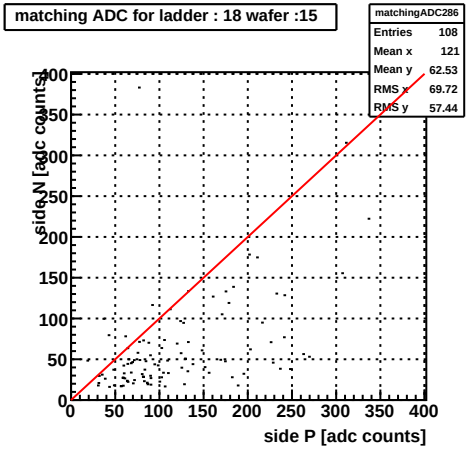

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1303
Mean x 73.11
Mean y 85.05
RMS x 53.62
RMS y 62.87
side N [adc counts]
side P [adc counts]

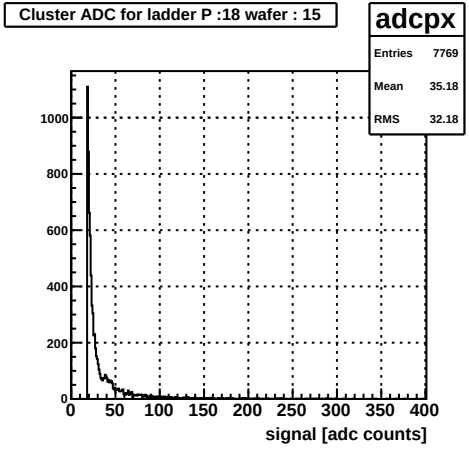

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2565
Mean 48.25
RMS 47.49
signal [adc counts]

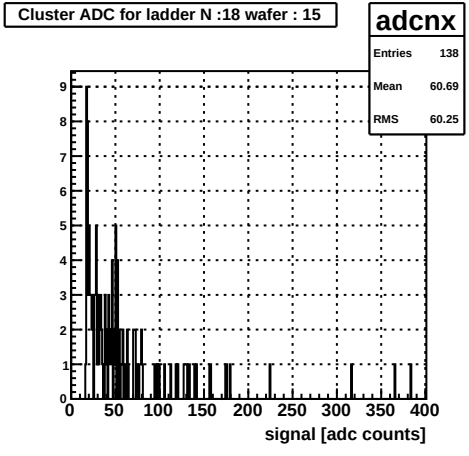

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3229
Mean 60.14
RMS 57.59
signal [adc counts]

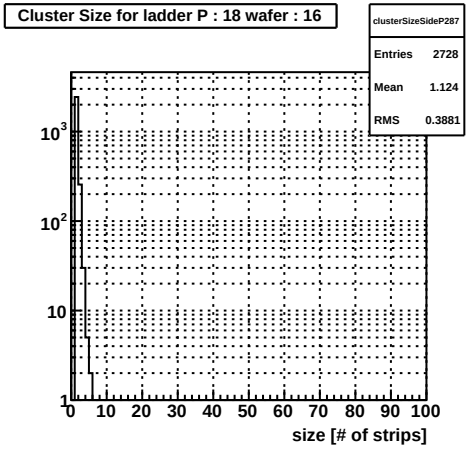

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7769
Mean 1.193
RMS 0.5057
size [# of strips]

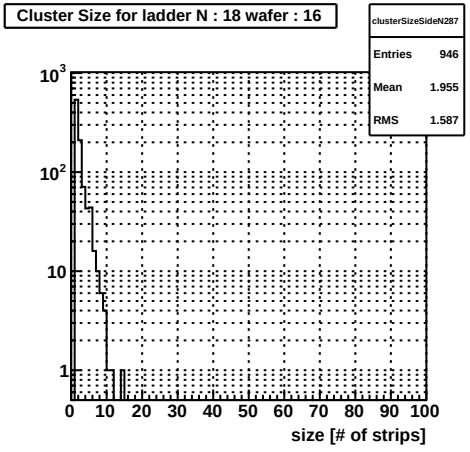

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 138
Mean 1.551
RMS 0.9095
size [# of strips]

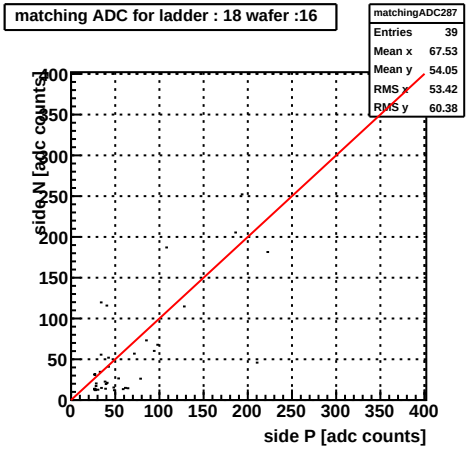

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 108
Mean x 121
Mean y 62.53
RMS x 69.72
RMS y 57.44
side N [adc counts]
side P [adc counts]

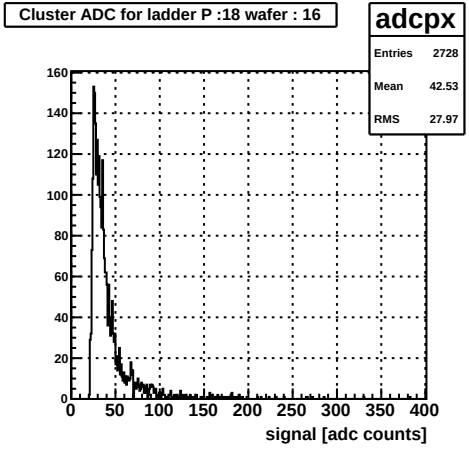

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7769
Mean 35.18
RMS 32.18
signal [adc counts]

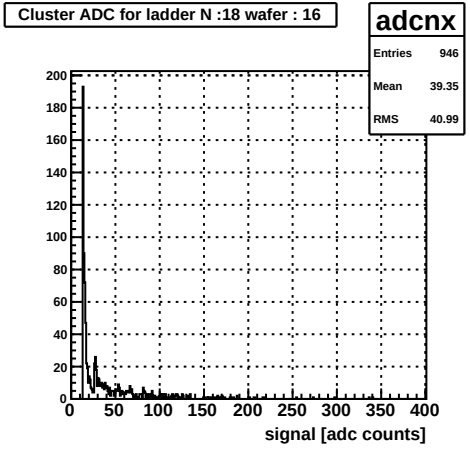

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 138
Mean 60.69
RMS 60.25
signal [adc counts]

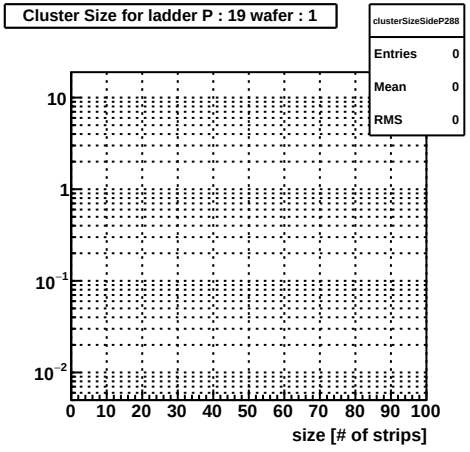

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2728
Mean 1.124
RMS 0.3881
size [# of strips]

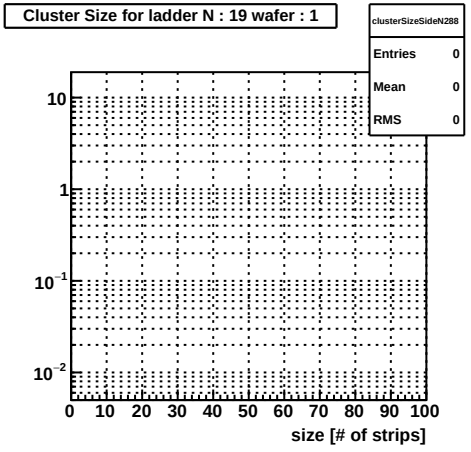

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 946
Mean 1.955
RMS 1.587
size [# of strips]

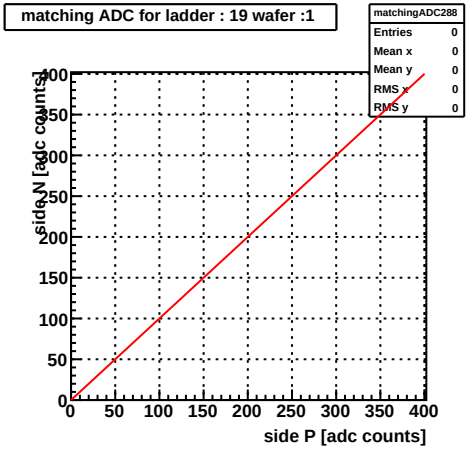

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 39
Mean x 67.53
Mean y 54.05
RMS x 53.42
RMS y 60.38
side N [adc counts]
side P [adc counts]

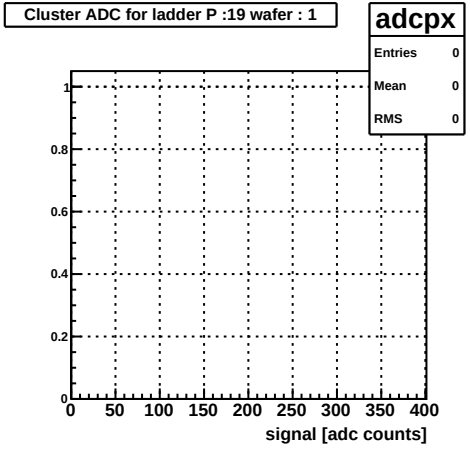

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2728
Mean 42.53
RMS 27.97
signal [adc counts]

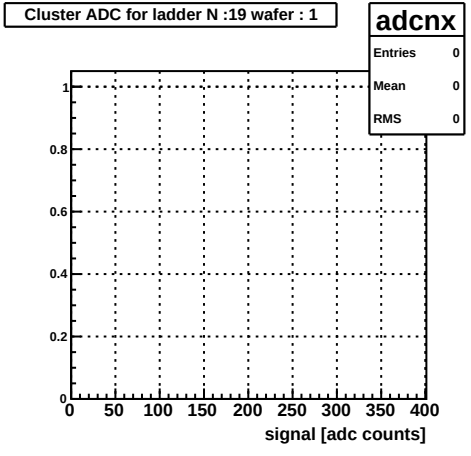

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 946
Mean 39.35
RMS 40.99
signal [adc counts]

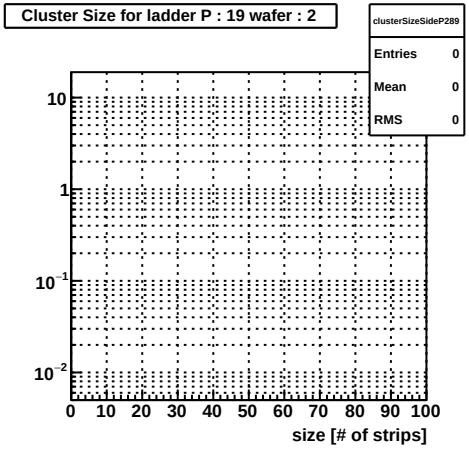

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

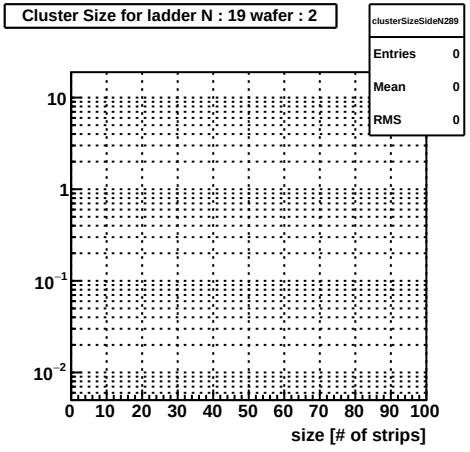

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

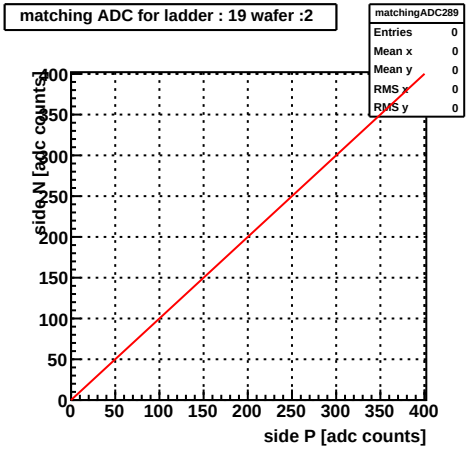

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

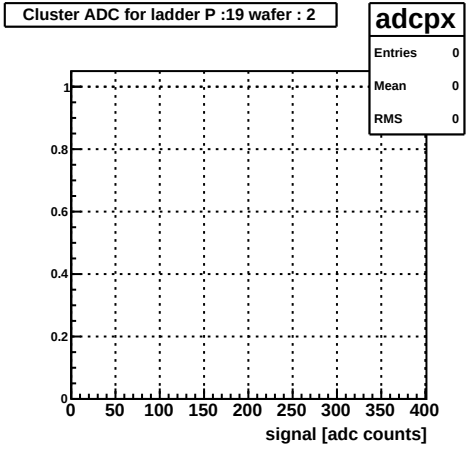

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

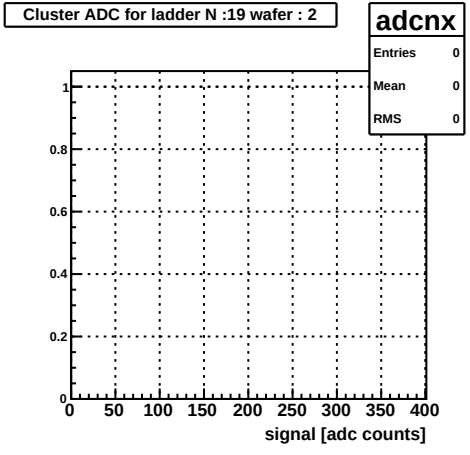

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

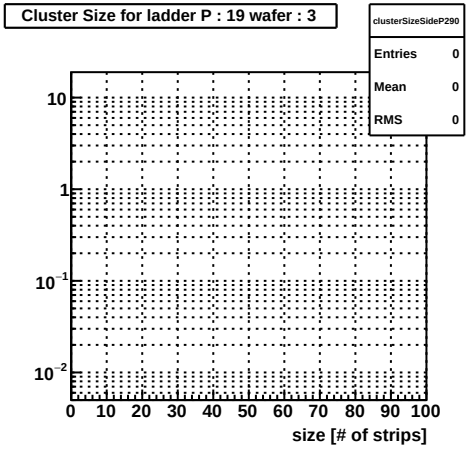

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

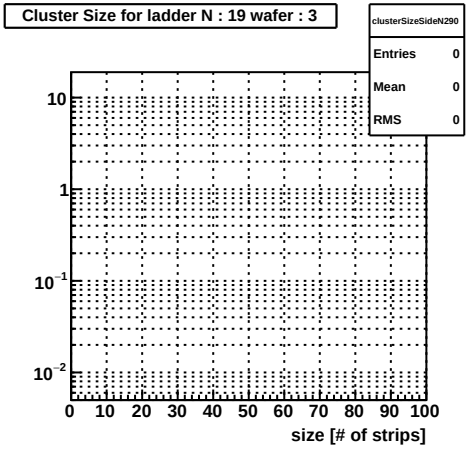

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

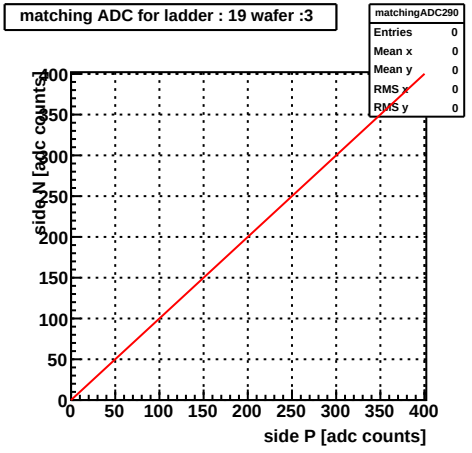

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

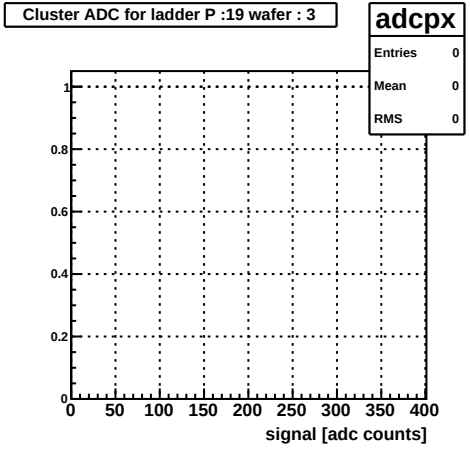

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

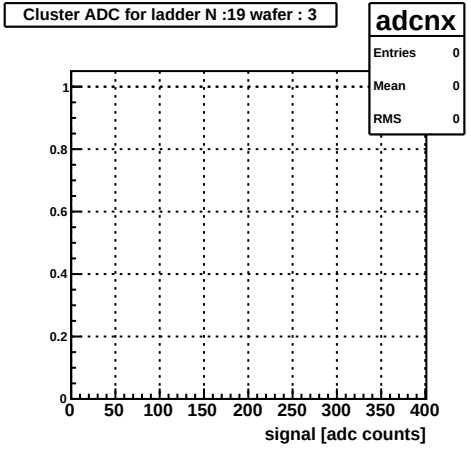

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

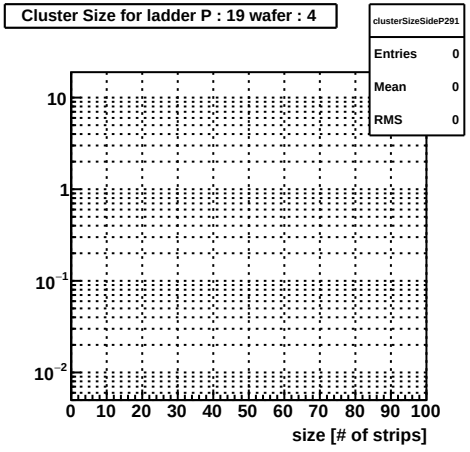

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

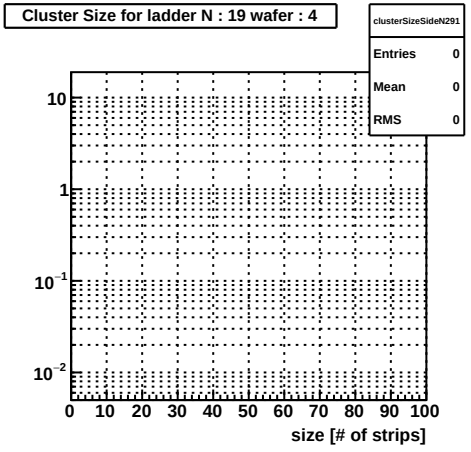

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

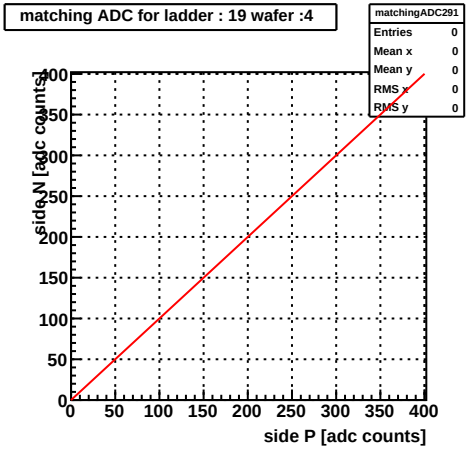

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

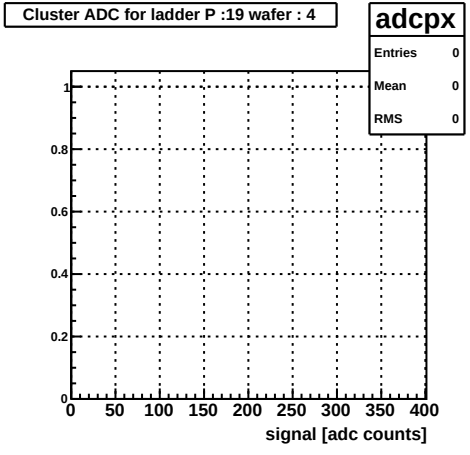

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

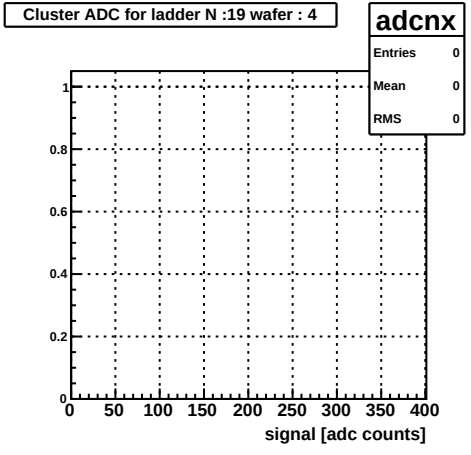

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

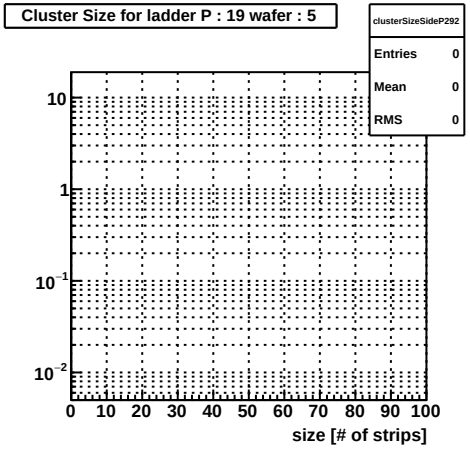

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

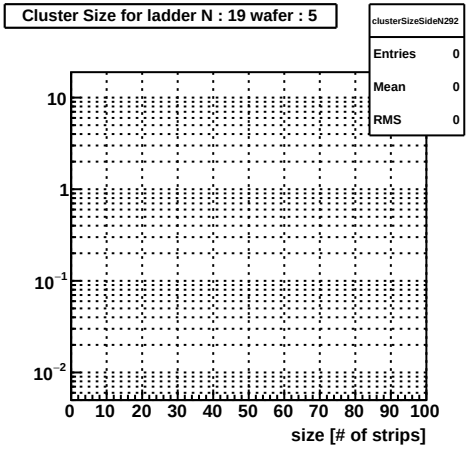

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

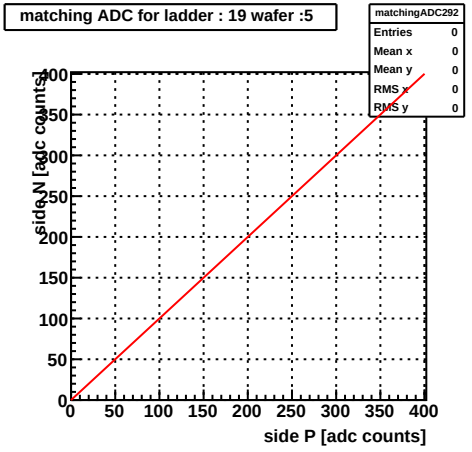

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

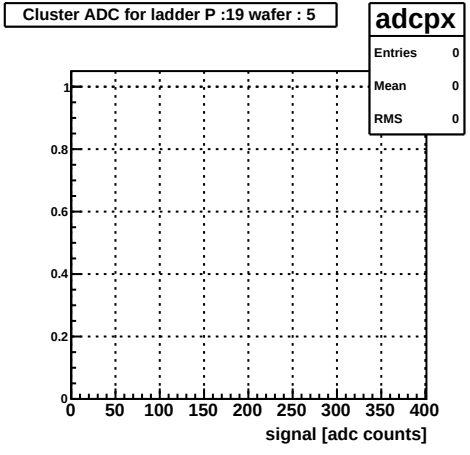

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

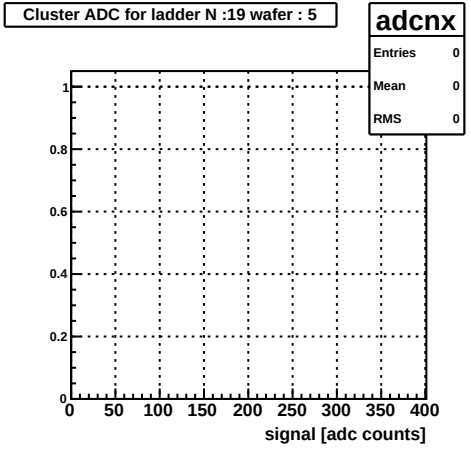

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

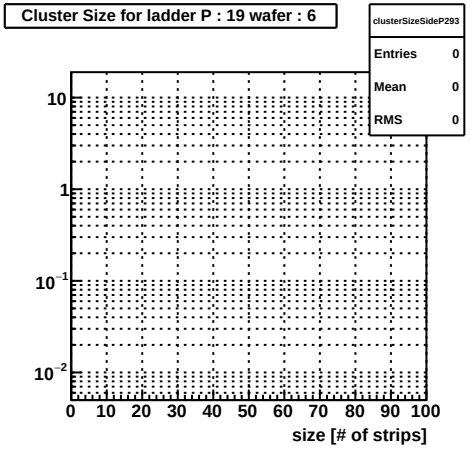

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

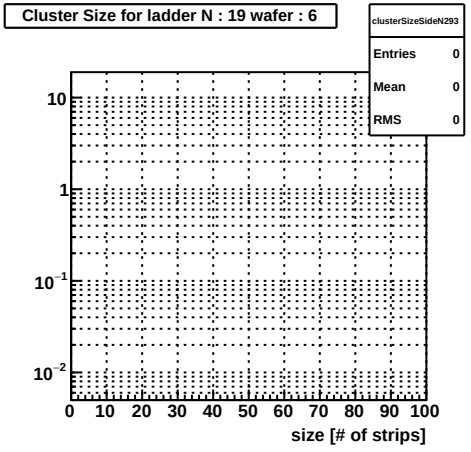

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

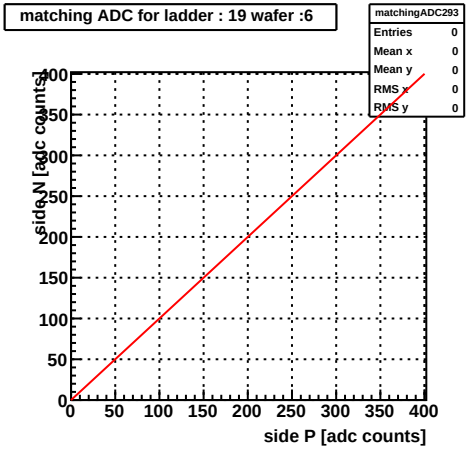

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

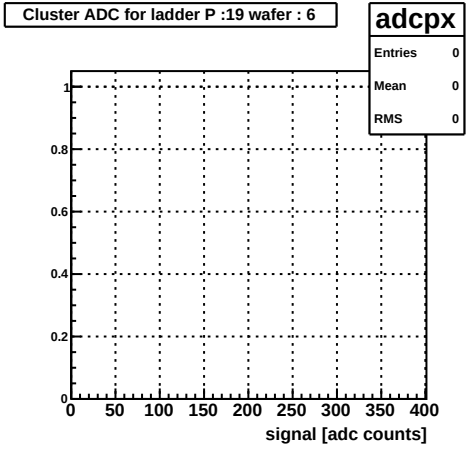

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

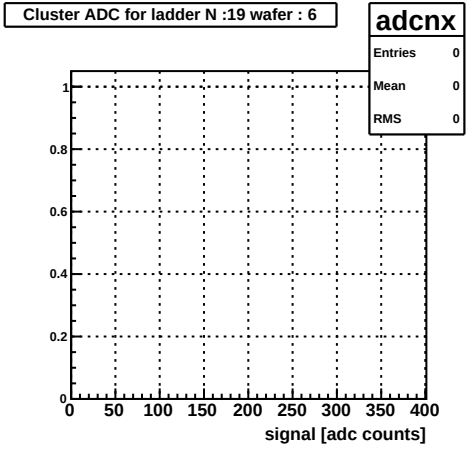

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

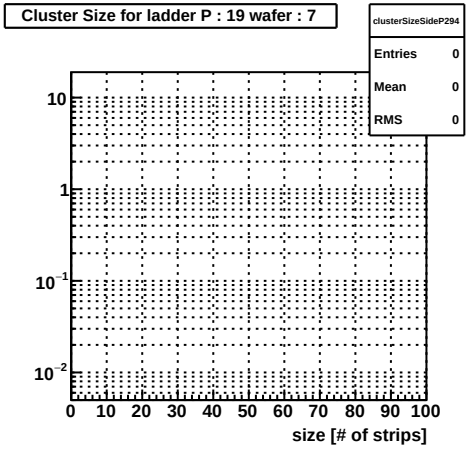

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

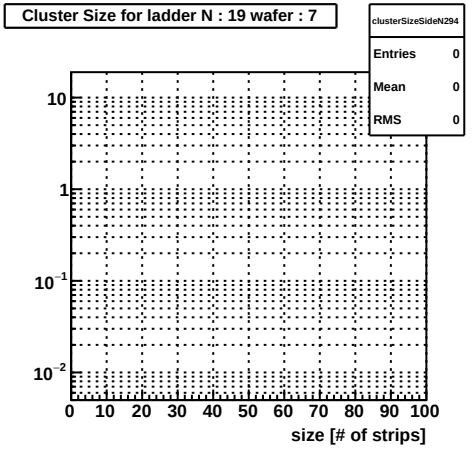

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

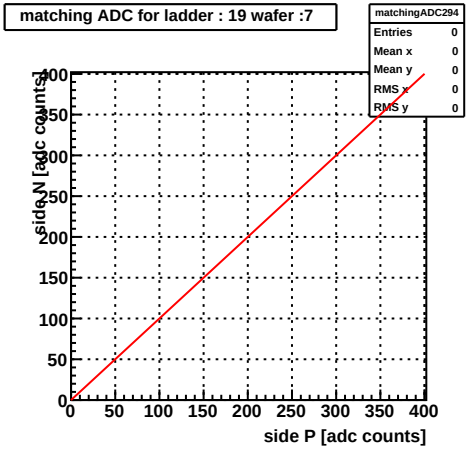

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

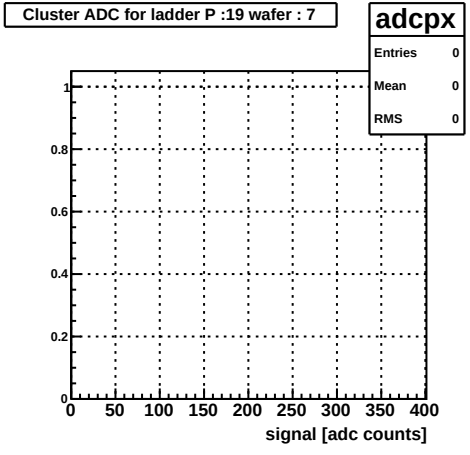

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

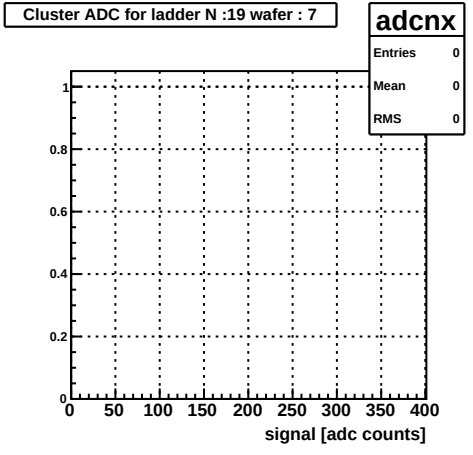

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

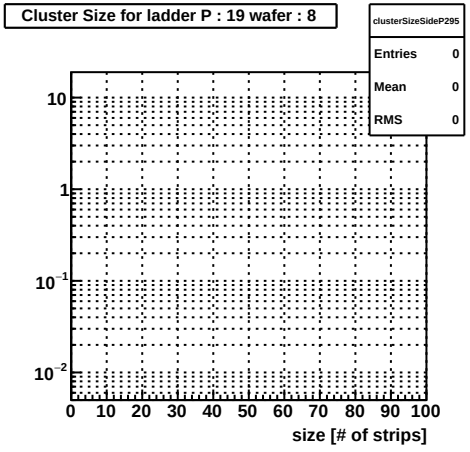

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

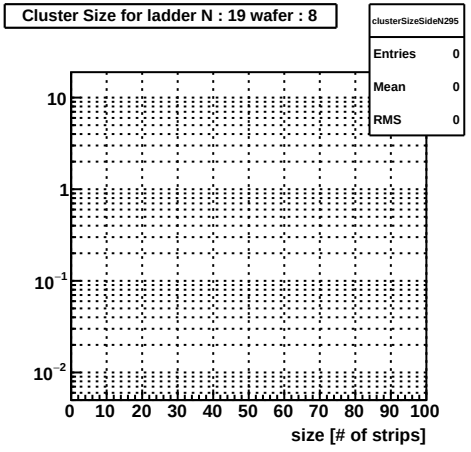

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

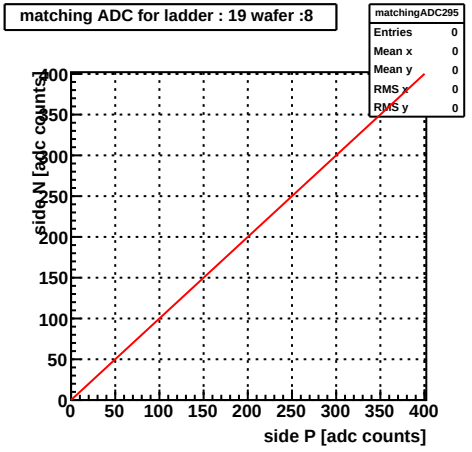

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

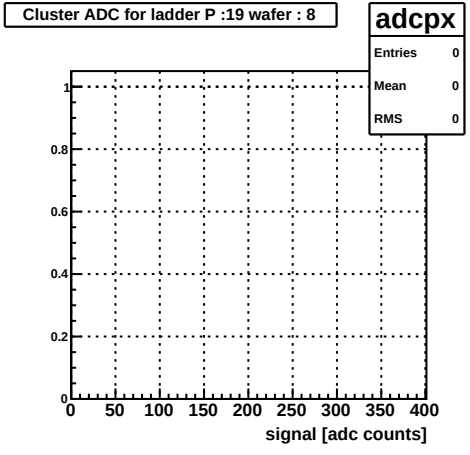

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

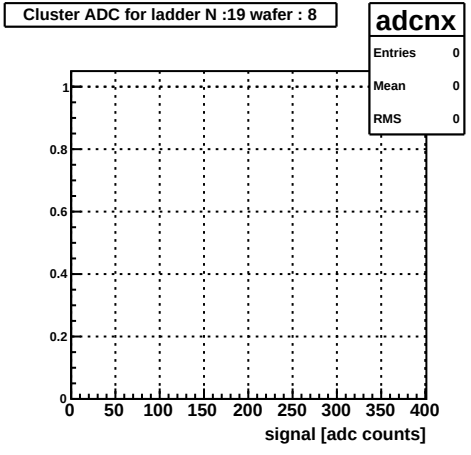

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

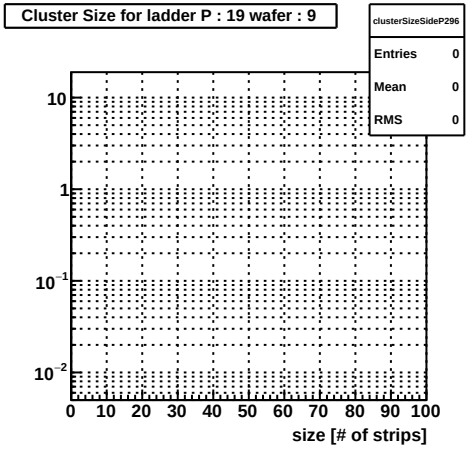

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

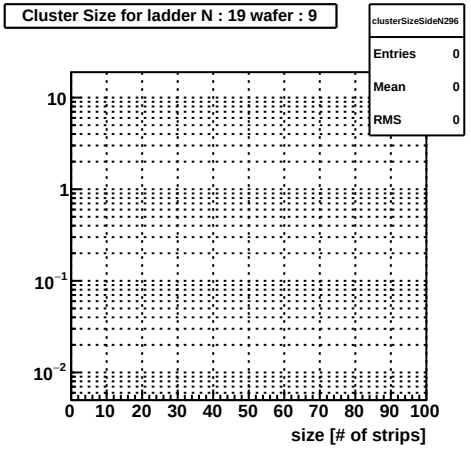

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

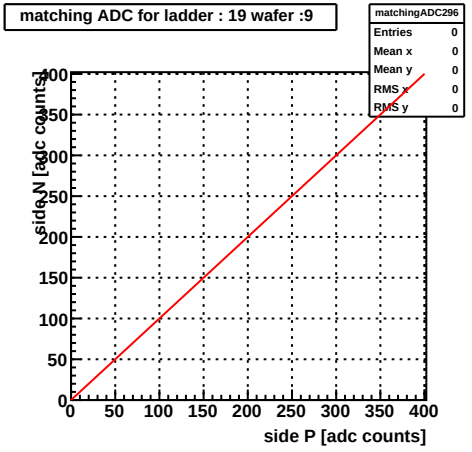

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

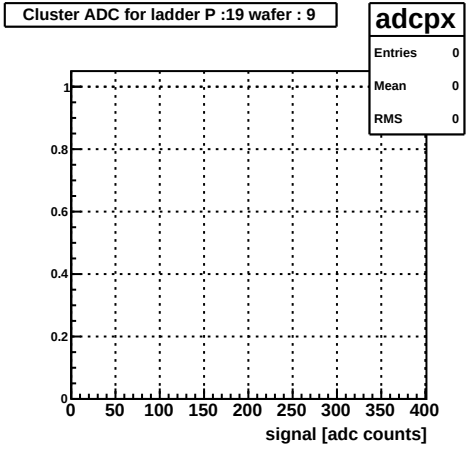

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

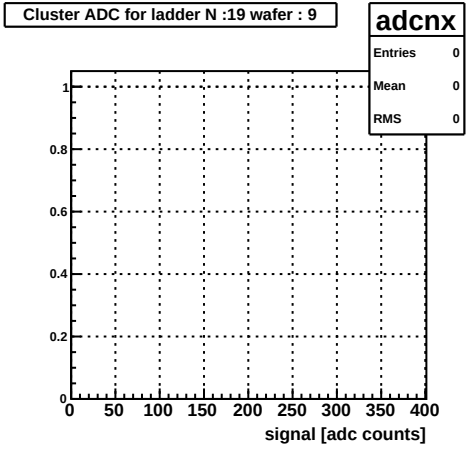

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

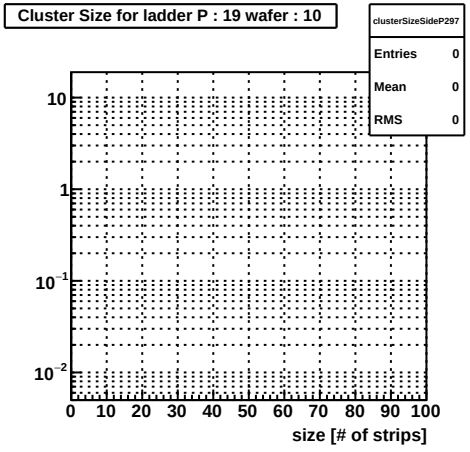

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

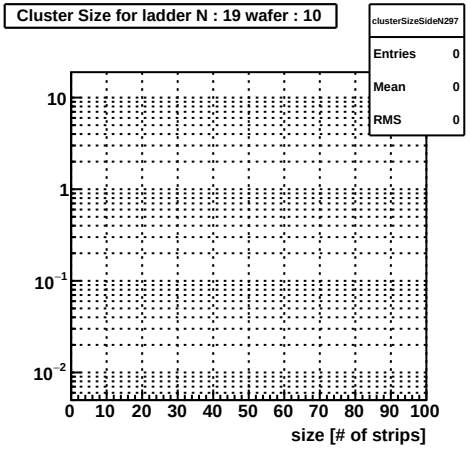

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

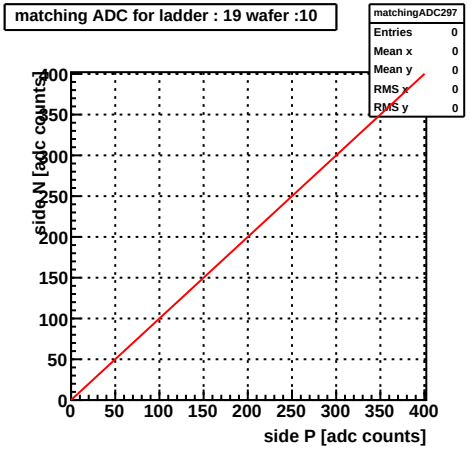

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

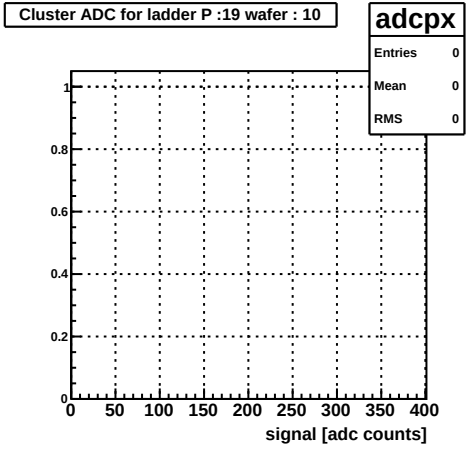

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

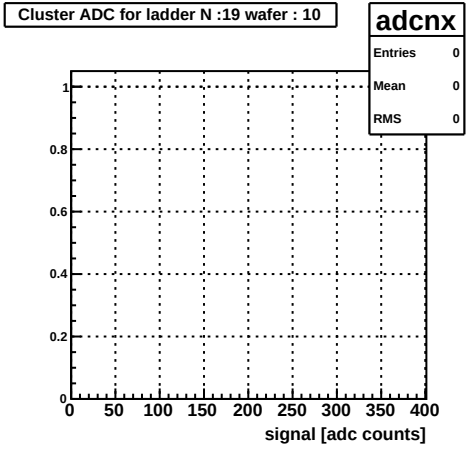

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

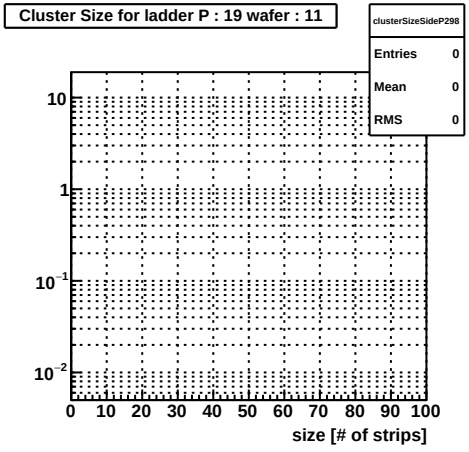

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

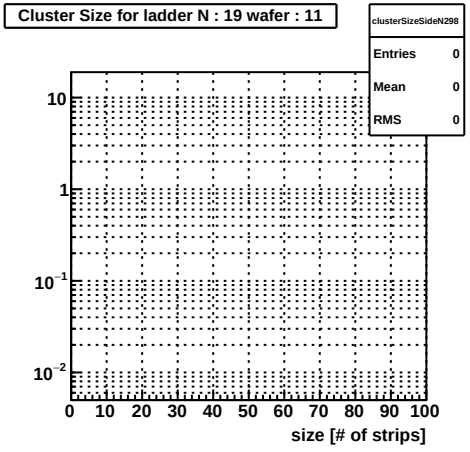

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

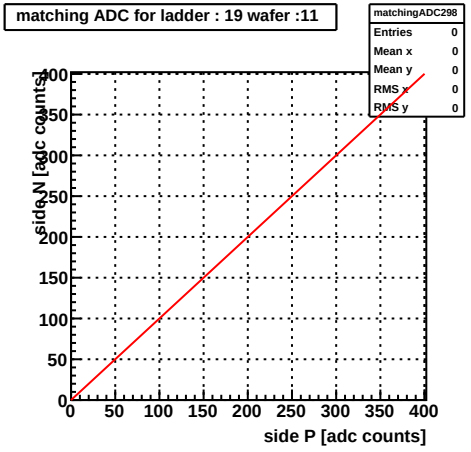

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

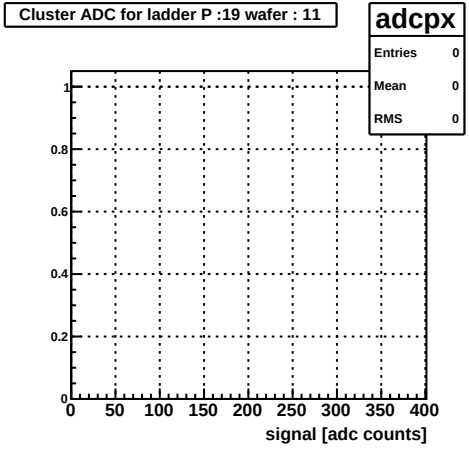

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

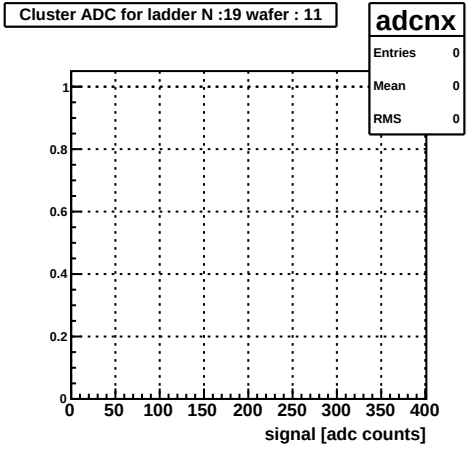

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

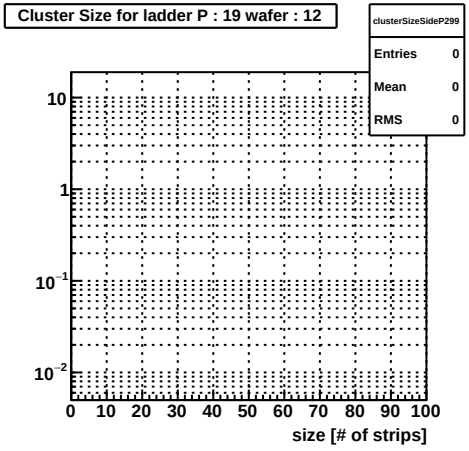

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

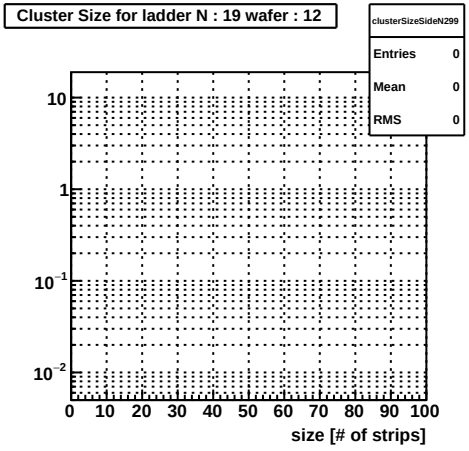

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

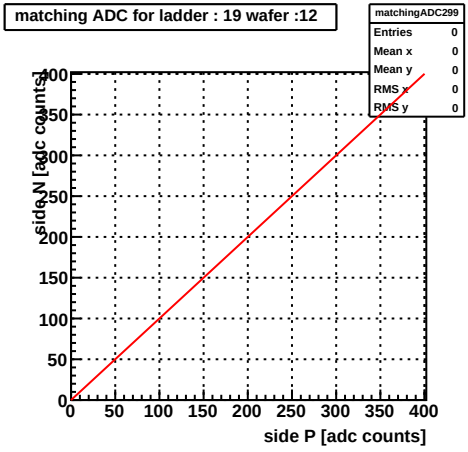

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

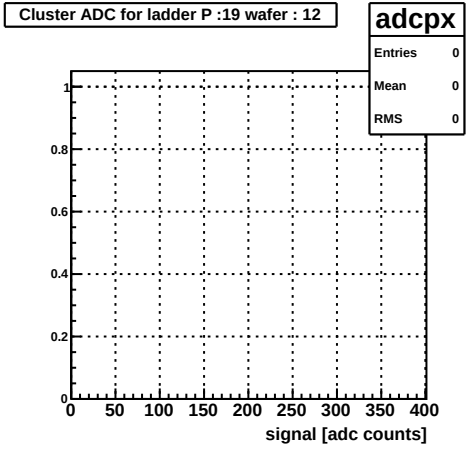

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

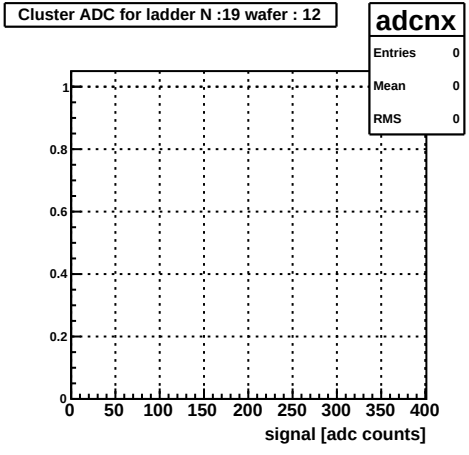

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

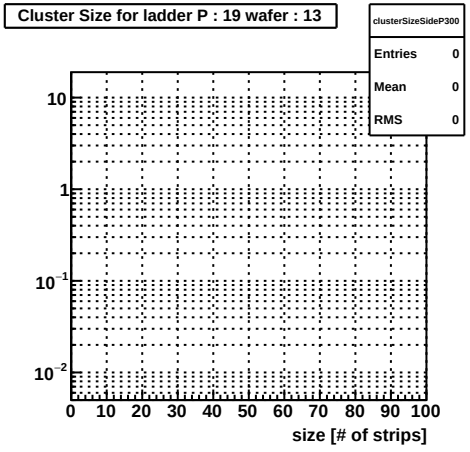

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

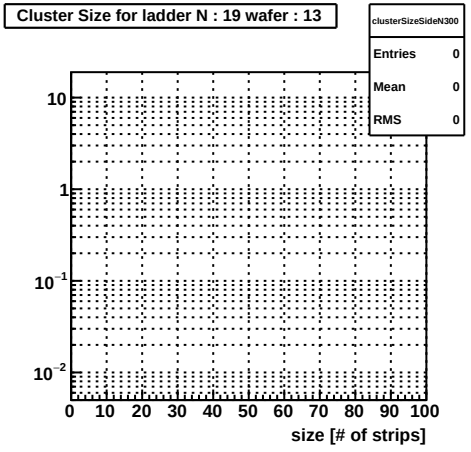

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

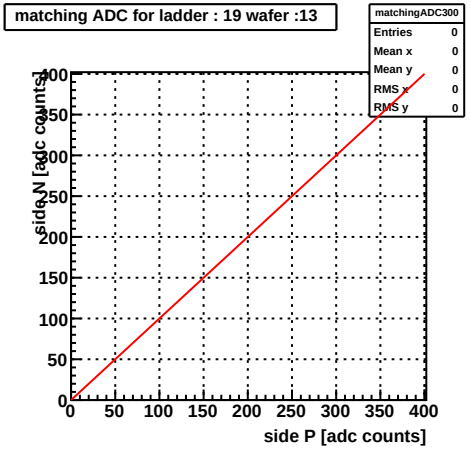

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

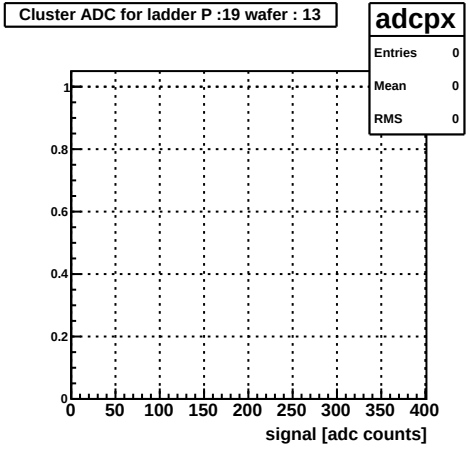

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

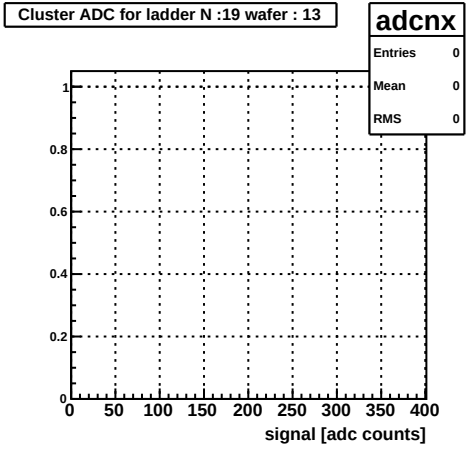

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

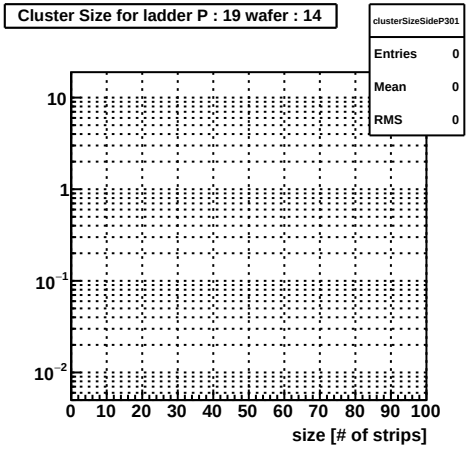

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

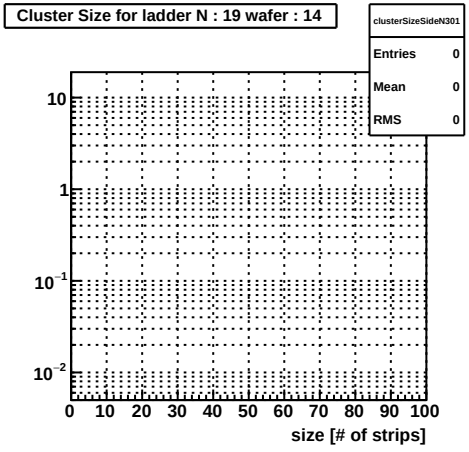

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

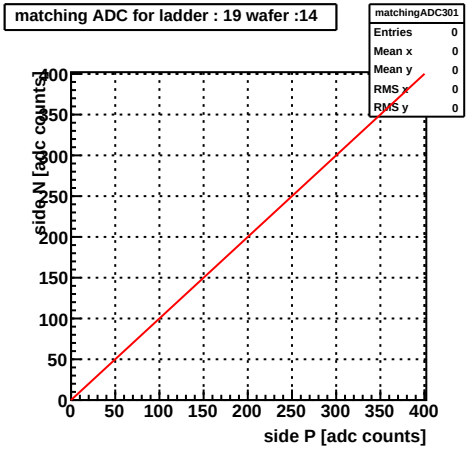

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

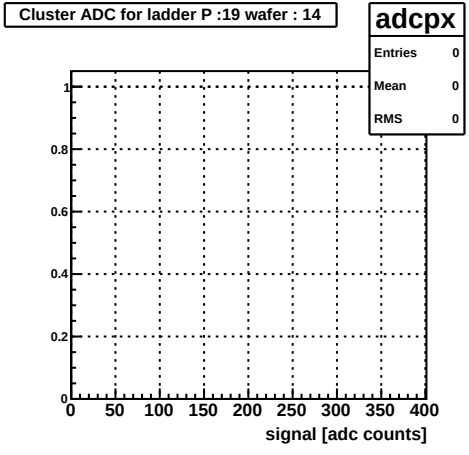

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

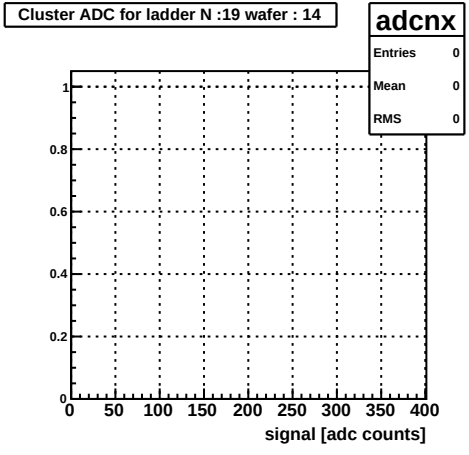

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

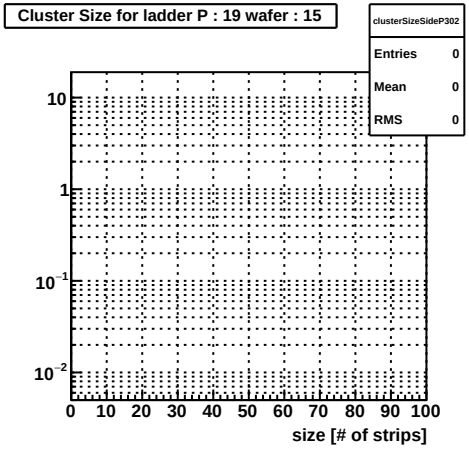

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

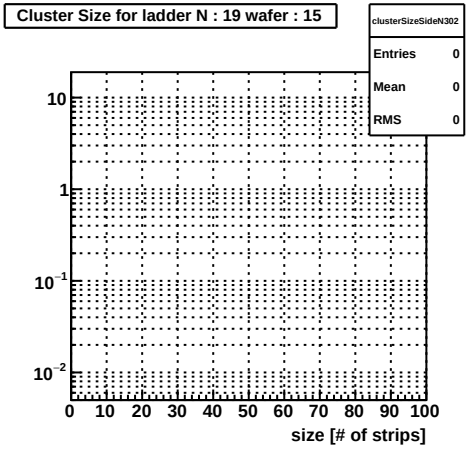

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

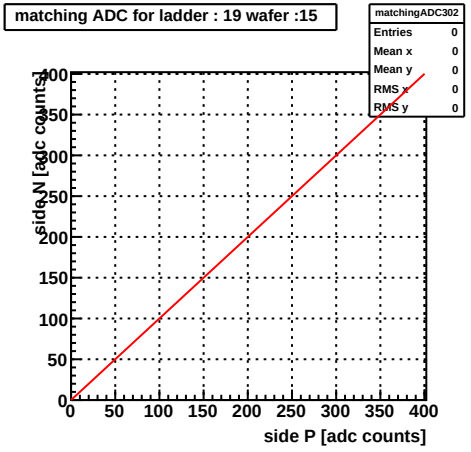

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

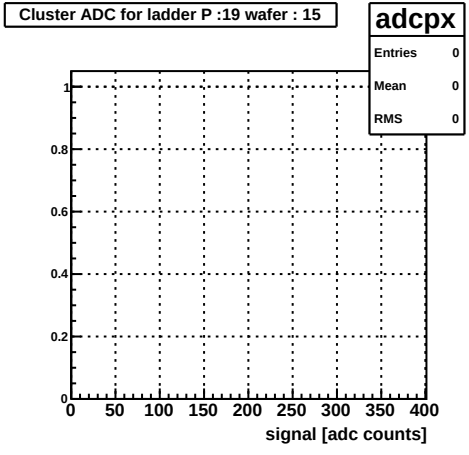

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

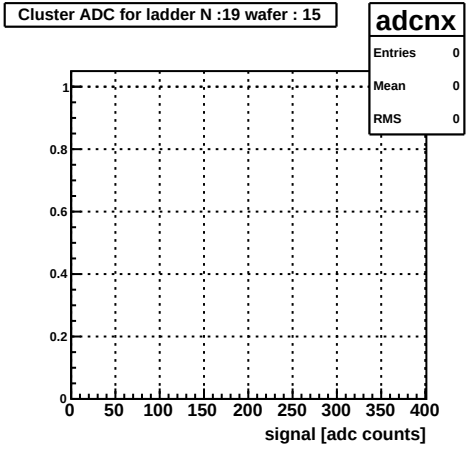

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

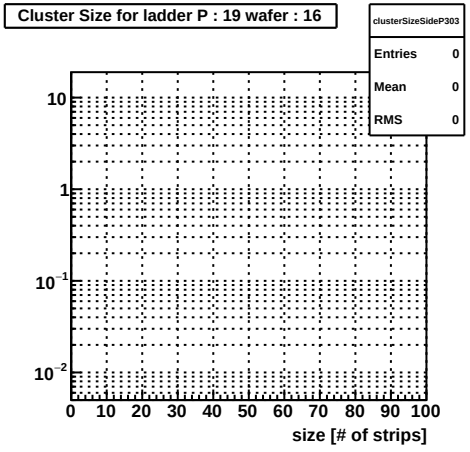

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

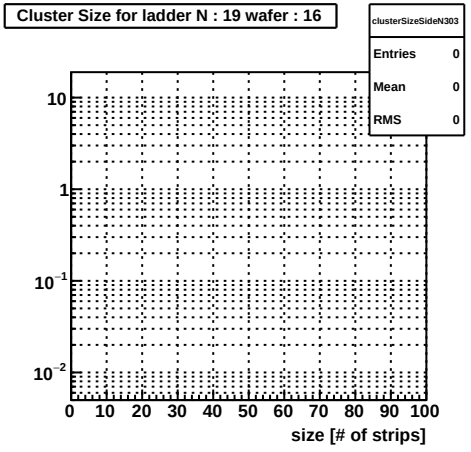

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

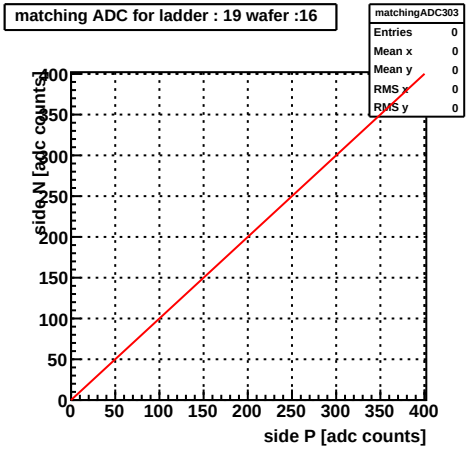

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

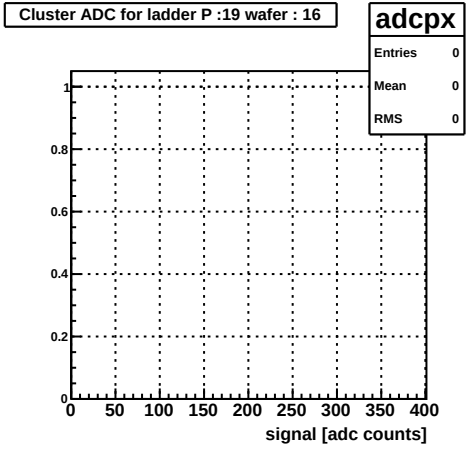

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

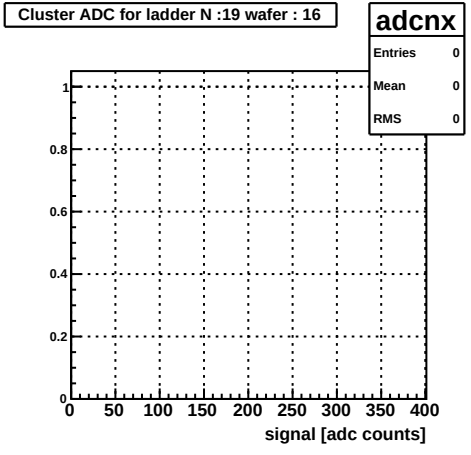

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

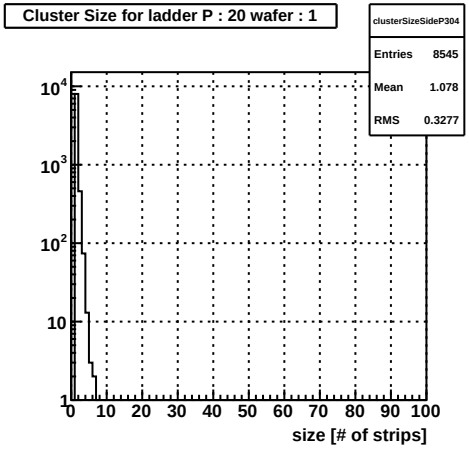

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

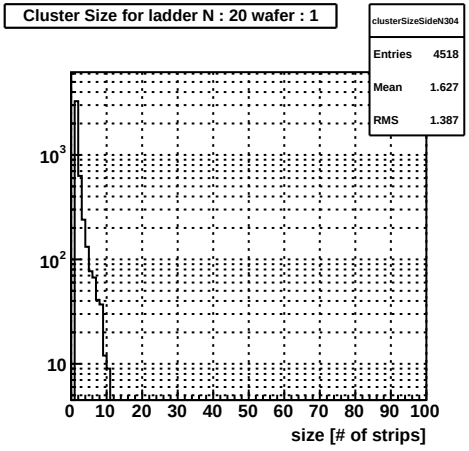

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

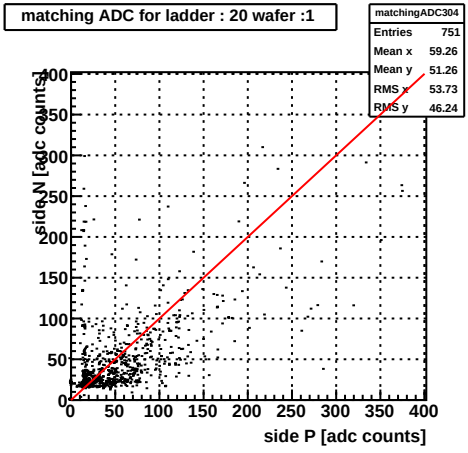

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

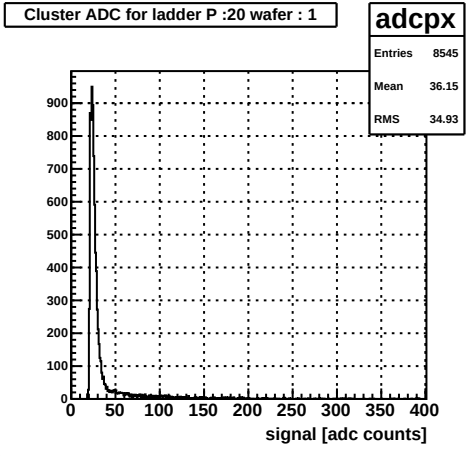

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

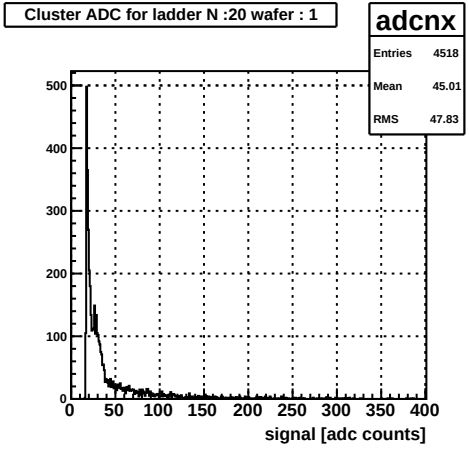

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

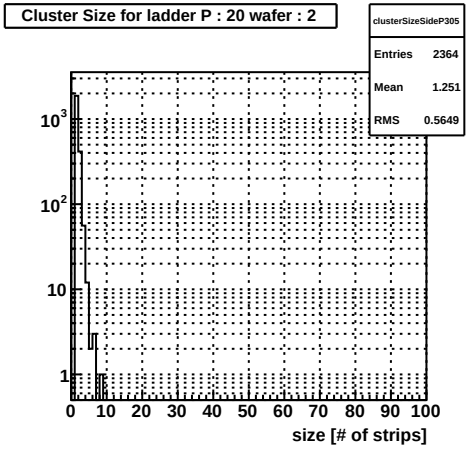

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 8545
Mean 1.078
RMS 0.3277
size [# of strips]

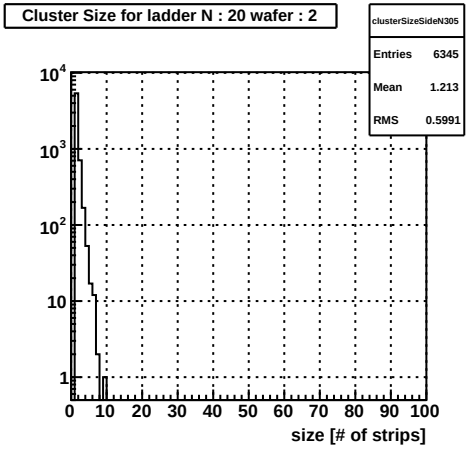

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4518
Mean 1.627
RMS 1.387
size [# of strips]

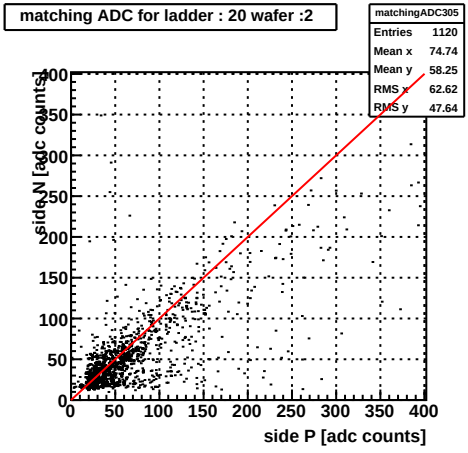

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 751
Mean x 59.26
Mean y 51.26
RMS x 53.73
RMS y 46.24
side N [adc counts]
side P [adc counts]

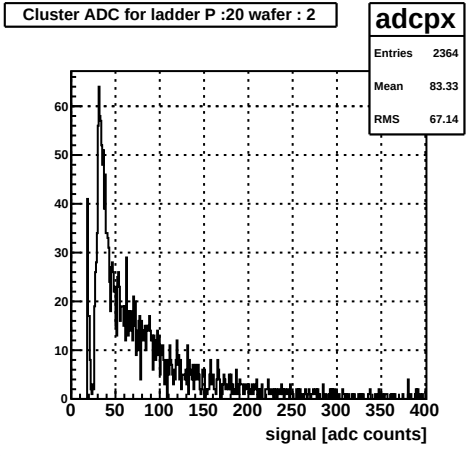

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 8545
Mean 36.15
RMS 34.93
signal [adc counts]

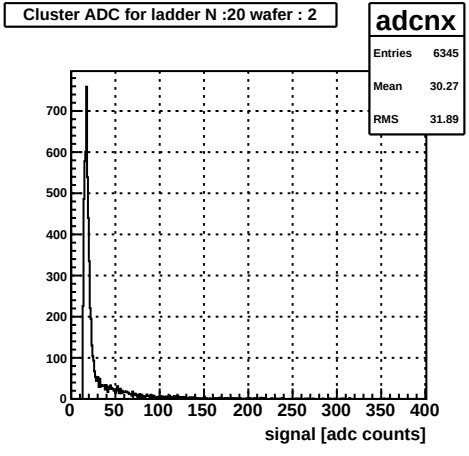

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4518
Mean 45.01
RMS 47.83
signal [adc counts]

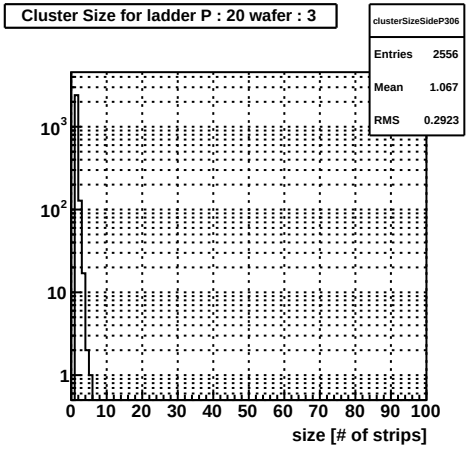

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2364
Mean 1.251
RMS 0.5649
size [# of strips]

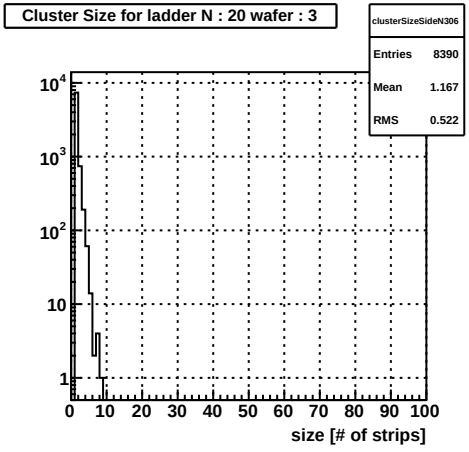

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 6345
Mean 1.213
RMS 0.5991
size [# of strips]

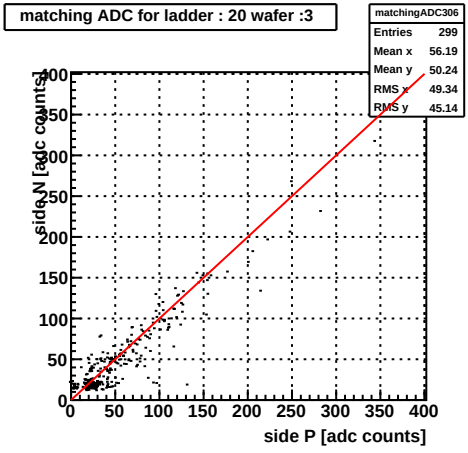

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1120
Mean x 74.74
Mean y 58.25
RMS x 62.62
RMS y 47.64
side N [adc counts]
side P [adc counts]

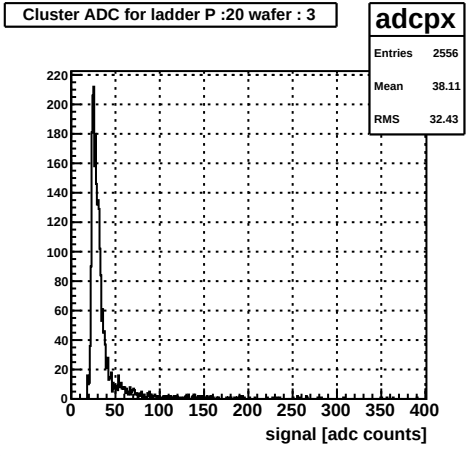

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2364
Mean 83.33
RMS 67.14
signal [adc counts]

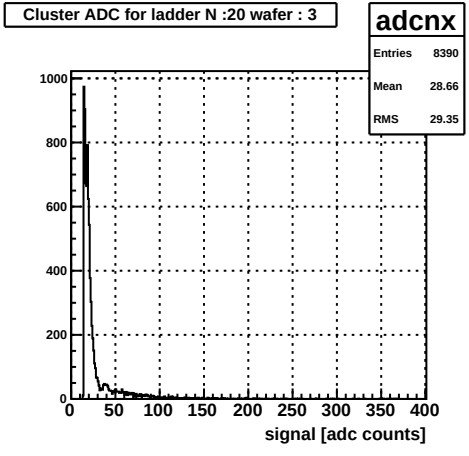

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 6345
Mean 30.27
RMS 31.89
signal [adc counts]

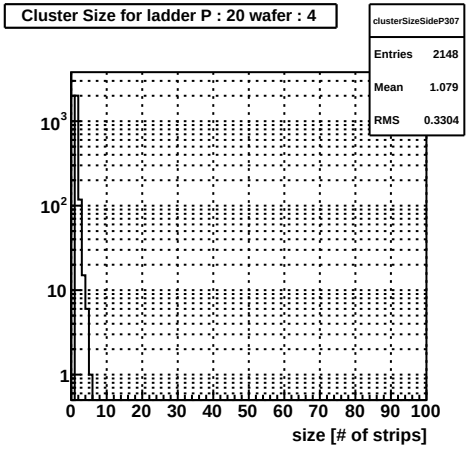

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2556
Mean 1.067
RMS 0.2923
size [# of strips]

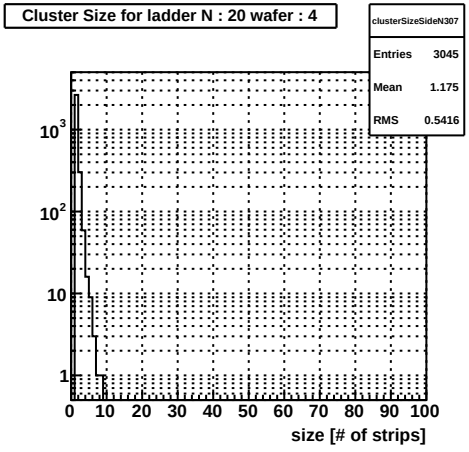

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 8390
Mean 1.167
RMS 0.522
size [# of strips]

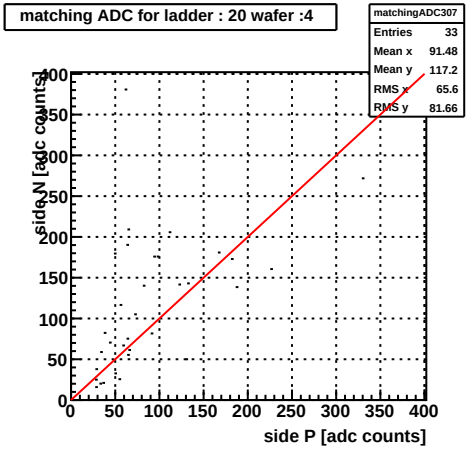

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 299
Mean x 56.19
Mean y 50.24
RMS x 49.34
RMS y 45.14
side N [adc counts]
side P [adc counts]

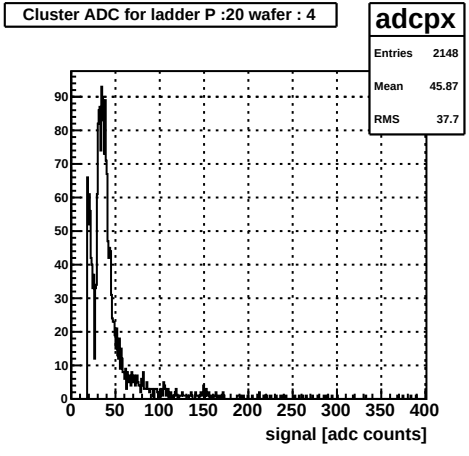

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2556
Mean 38.11
RMS 32.43
signal [adc counts]

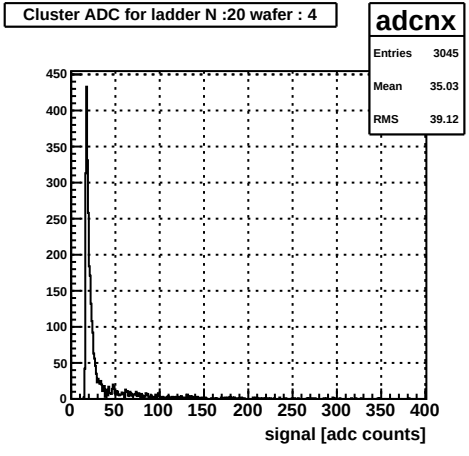

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 8390
Mean 28.66
RMS 29.35
signal [adc counts]

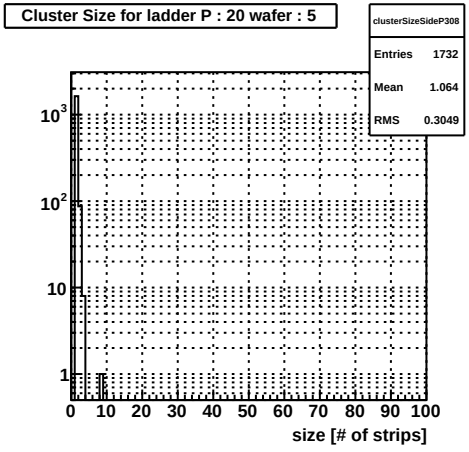

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2148
Mean 1.079
RMS 0.3304
size [# of strips]

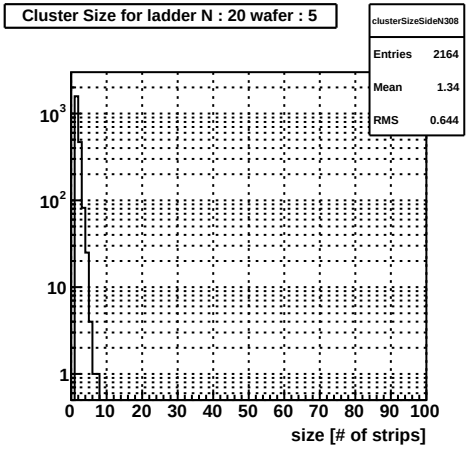

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3045
Mean 1.175
RMS 0.5416
size [# of strips]

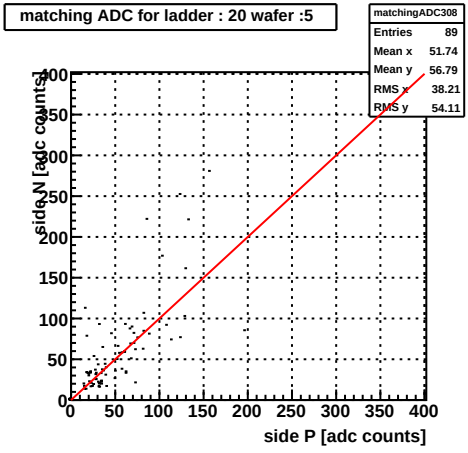

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 33
Mean x 91.48
Mean y 117.2
RMS x 65.6
RMS y 81.66
side N [adc counts]
side P [adc counts]

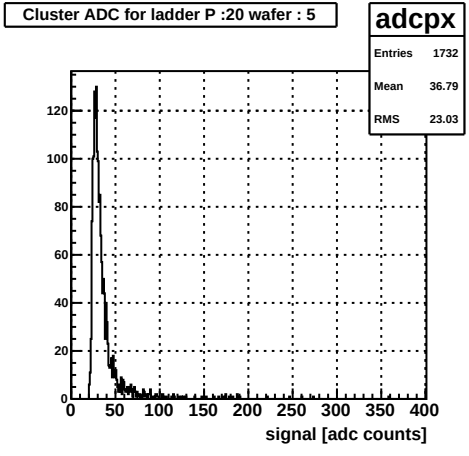

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2148
Mean 45.87
RMS 37.7
signal [adc counts]

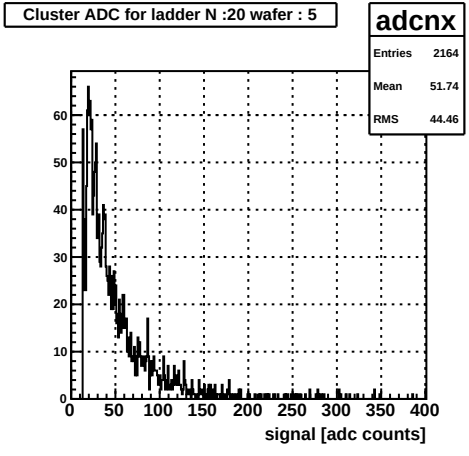

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3045
Mean 35.03
RMS 39.12
signal [adc counts]

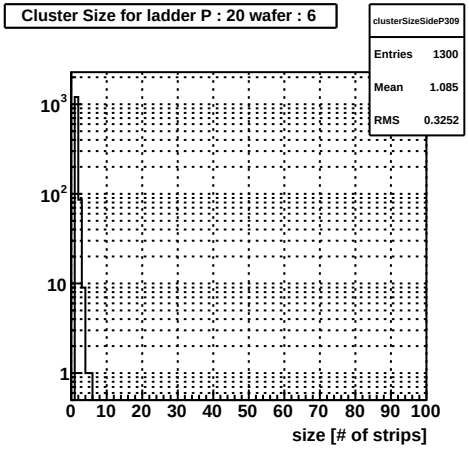

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1732
Mean 1.064
RMS 0.3049
size [# of strips]

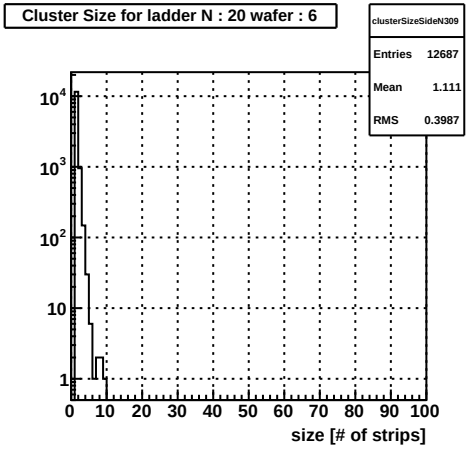

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2164
Mean 1.34
RMS 0.644
size [# of strips]

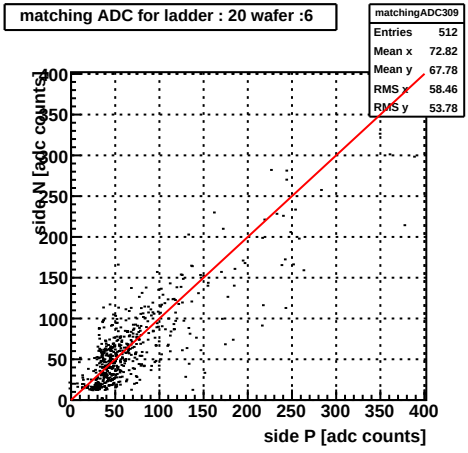

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 89
Mean x 51.74
Mean y 56.79
RMS x 38.21
RMS y 54.11
side N [adc counts]
side P [adc counts]

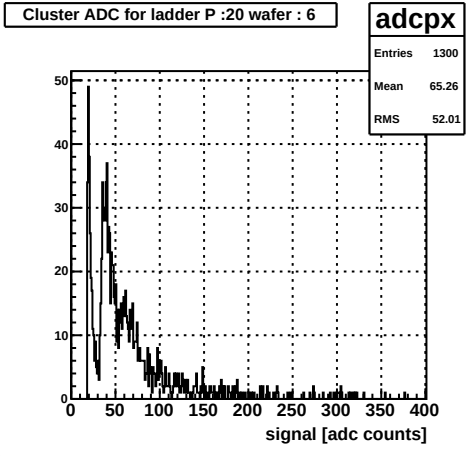

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1732
Mean 36.79
RMS 23.03
signal [adc counts]

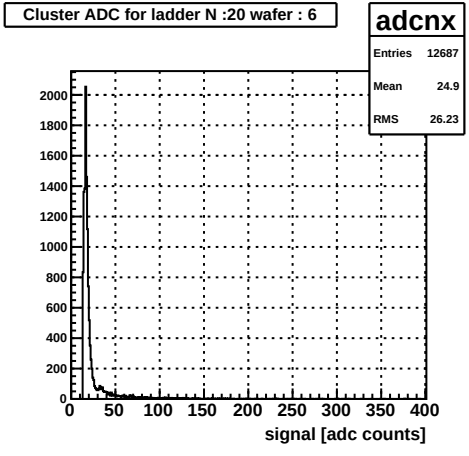

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2164
Mean 51.74
RMS 44.46
signal [adc counts]

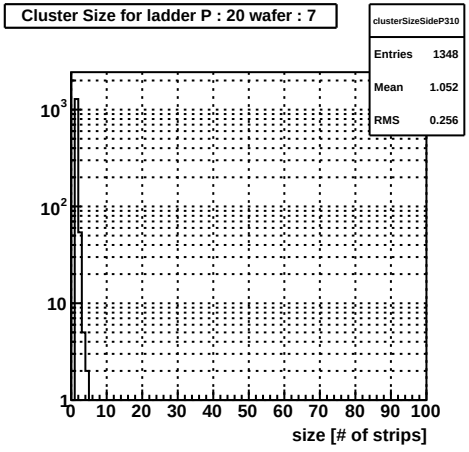

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1300
Mean 1.085
RMS 0.3252
size [# of strips]

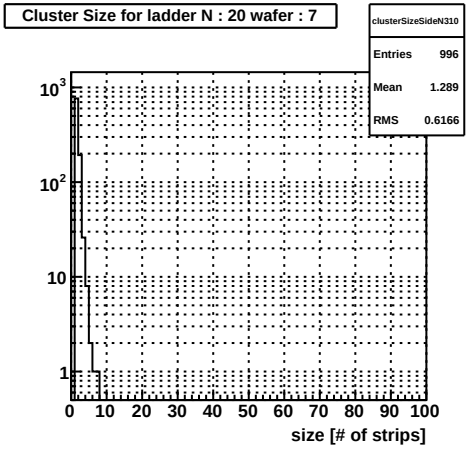

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 12687
Mean 1.111
RMS 0.3987
size [# of strips]

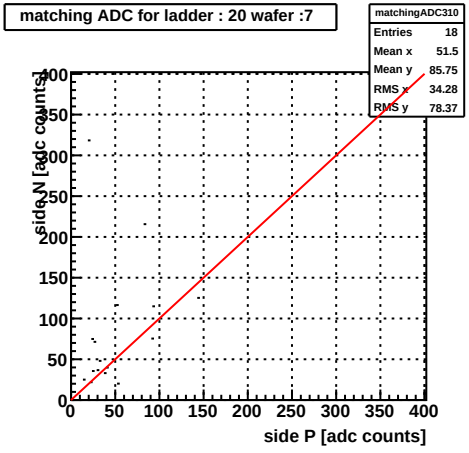

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 512
Mean x 72.82
Mean y 67.78
RMS x 58.46
RMS y 53.78
side N [adc counts]
side P [adc counts]

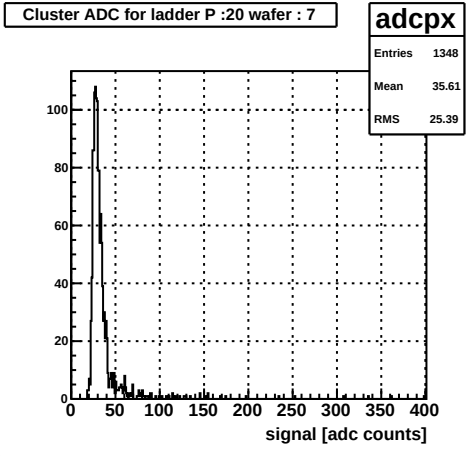

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1300
Mean 65.26
RMS 52.01
signal [adc counts]

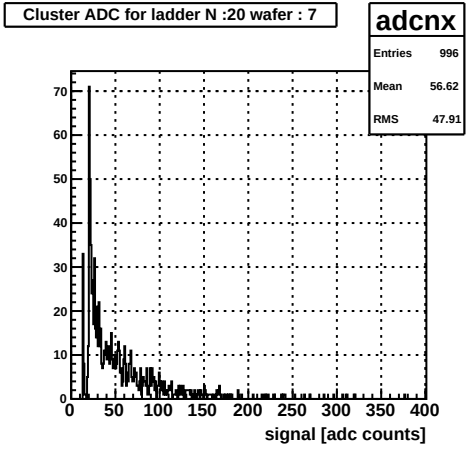

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 12687
Mean 24.9
RMS 26.23
signal [adc counts]

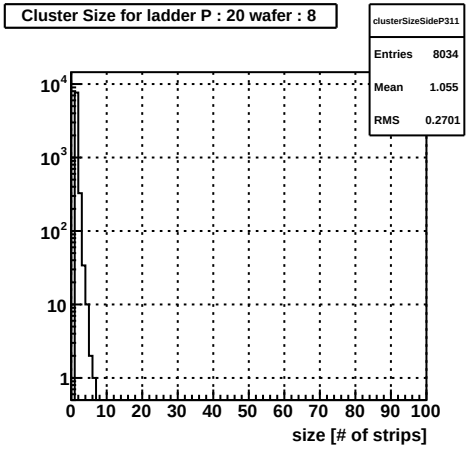

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1348
Mean 1.052
RMS 0.256
size [# of strips]

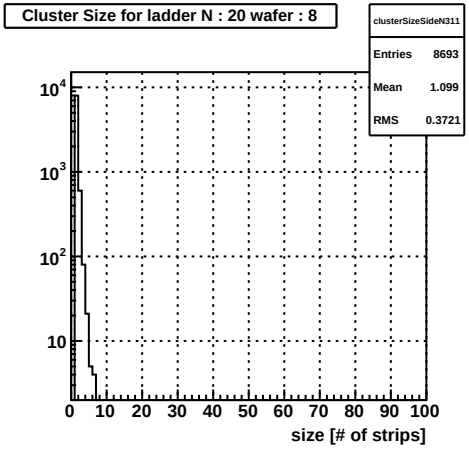

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 996
Mean 1.289
RMS 0.6166
size [# of strips]

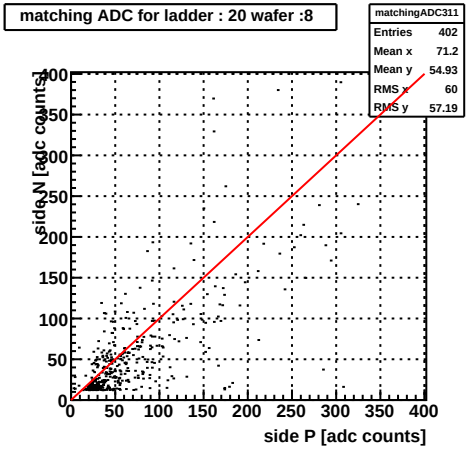

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 18
Mean x 51.5
Mean y 85.75
RMS x 34.28
RMS y 78.37
side N [adc counts]
side P [adc counts]

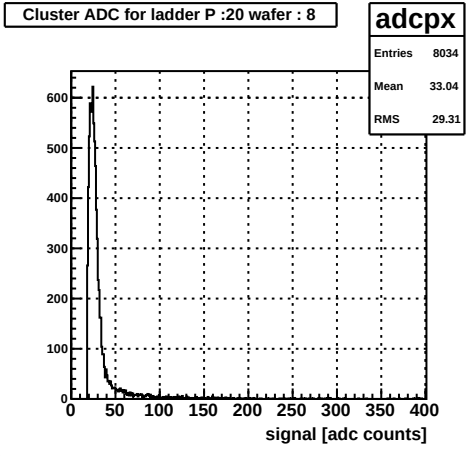

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1348
Mean 35.61
RMS 25.39
signal [adc counts]

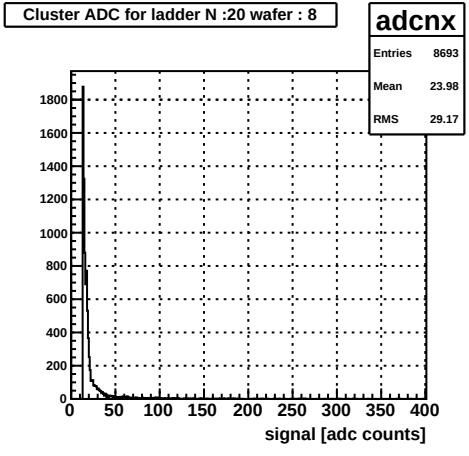

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 996
Mean 56.62
RMS 47.91
signal [adc counts]

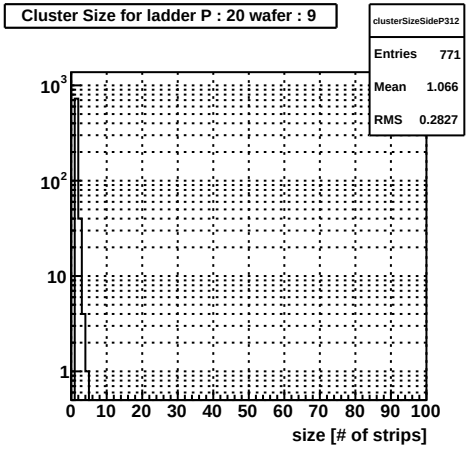

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8034
Mean 1.055
RMS 0.2701
size [# of strips]

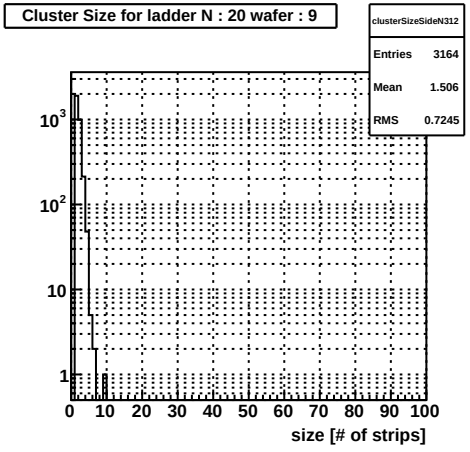

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8693
Mean 1.099
RMS 0.3721
size [# of strips]

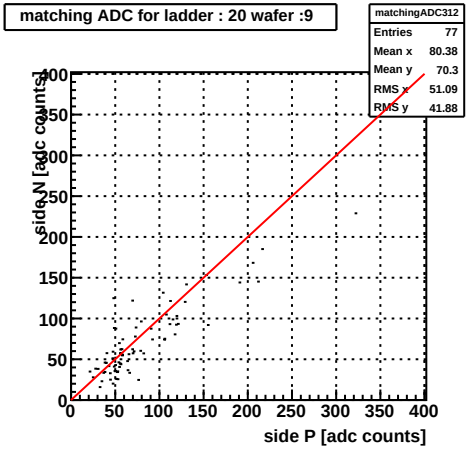

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 402
Mean x 71.2
Mean y 54.93
RMS x 60
RMS y 57.19
side N [adc counts]
side P [adc counts]

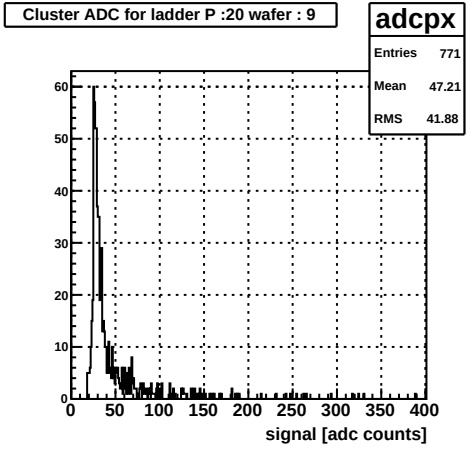

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8034
Mean 33.04
RMS 29.31
signal [adc counts]

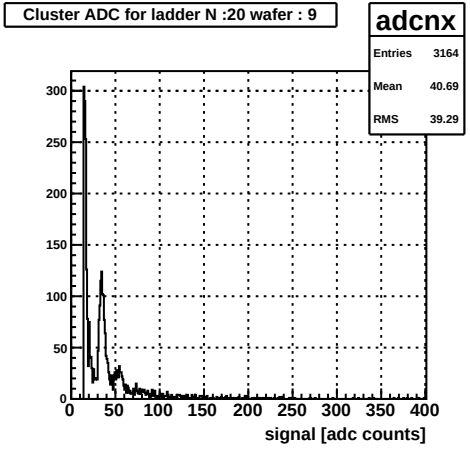

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8693
Mean 23.98
RMS 29.17
signal [adc counts]

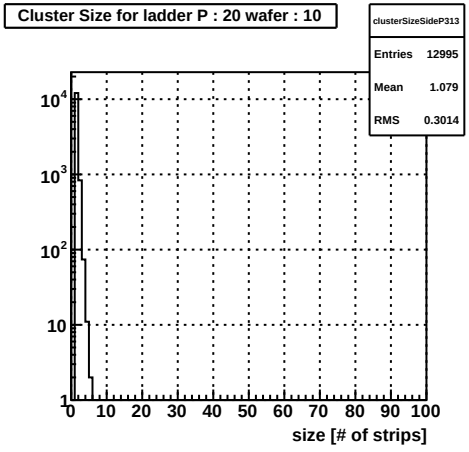

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 771
Mean 1.066
RMS 0.2827
size [# of strips]

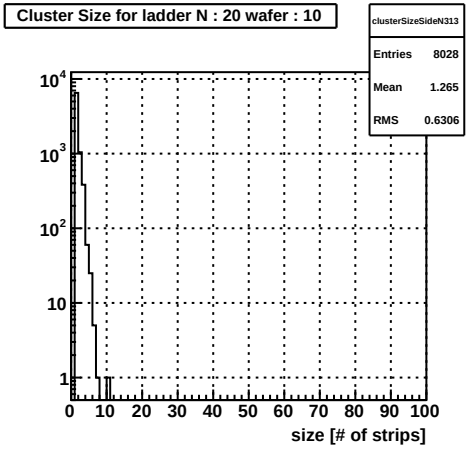

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3164
Mean 1.506
RMS 0.7245
size [# of strips]

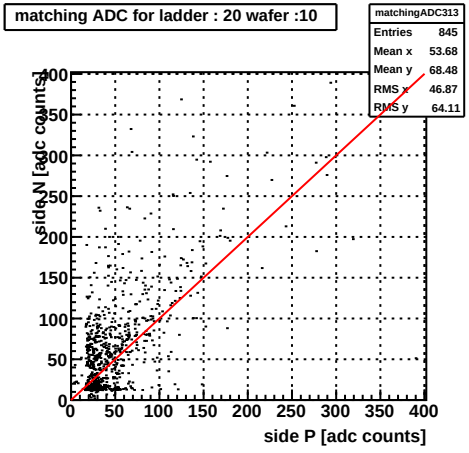

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 77
Mean x 80.38
Mean y 70.3
RMS x 51.09
RMS y 41.88
side N [adc counts]
side P [adc counts]

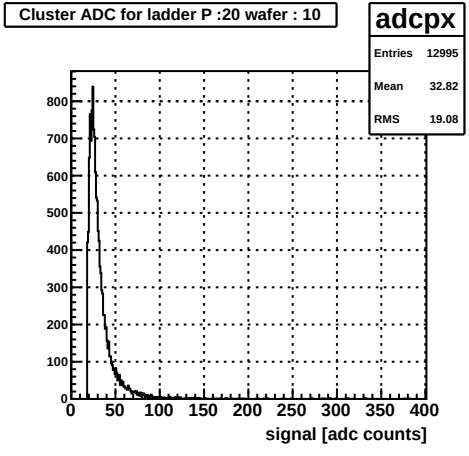

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 771
Mean 47.21
RMS 41.88
signal [adc counts]

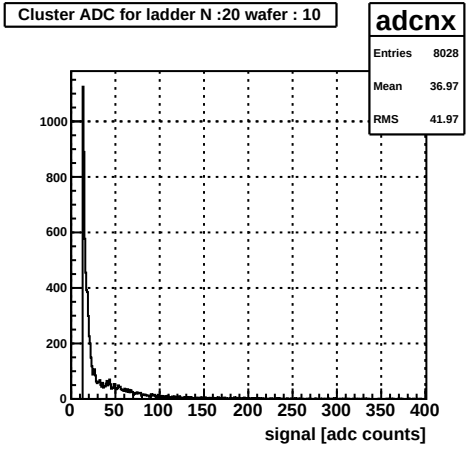

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3164
Mean 40.69
RMS 39.29
signal [adc counts]

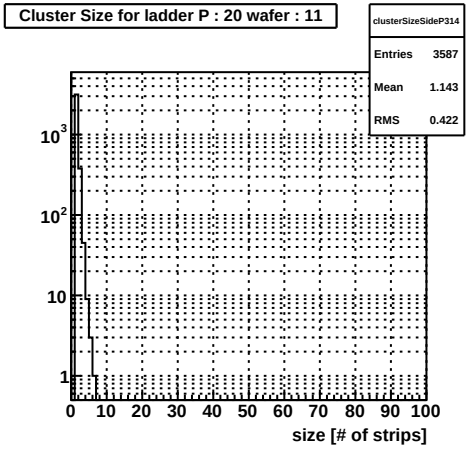

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12995
Mean 1.079
RMS 0.3014
size [# of strips]

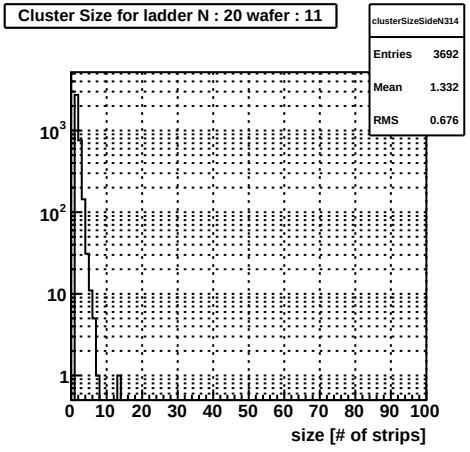

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8028
Mean 1.265
RMS 0.6306
size [# of strips]

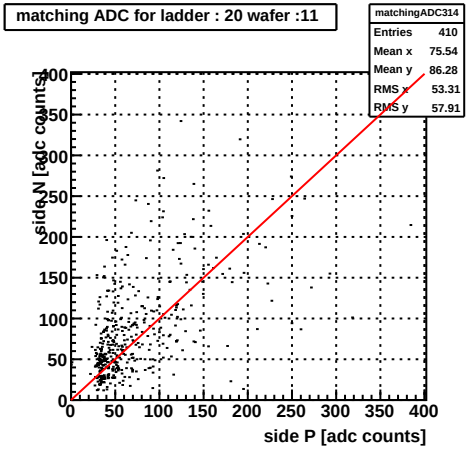

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 845
Mean x 53.68
Mean y 68.48
RMS x 46.87
RMS y 64.11
side N [adc counts]
side P [adc counts]

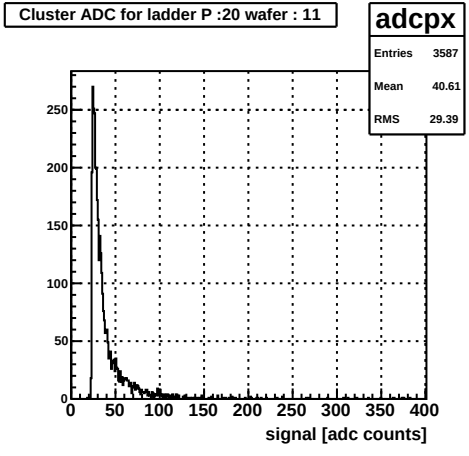

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12995
Mean 32.82
RMS 19.08
signal [adc counts]

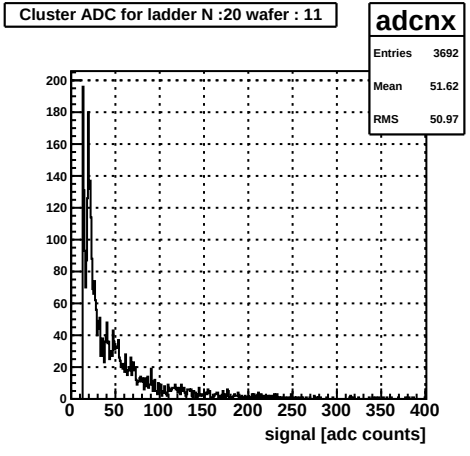

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8028
Mean 36.97
RMS 41.97
signal [adc counts]

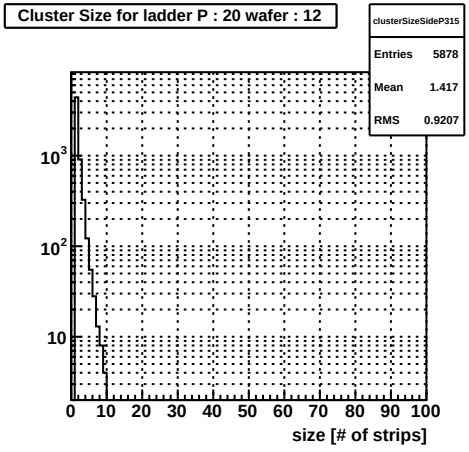

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3587
Mean 1.143
RMS 0.422
size [# of strips]

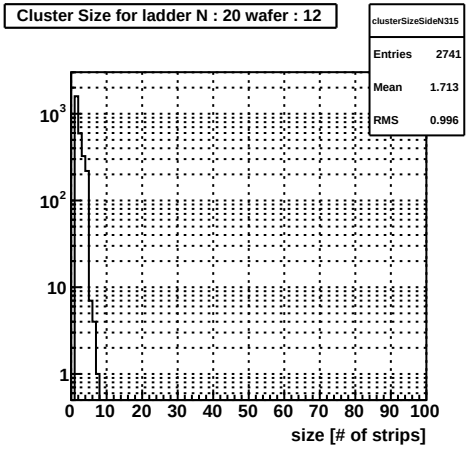

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3692
Mean 1.332
RMS 0.676
size [# of strips]

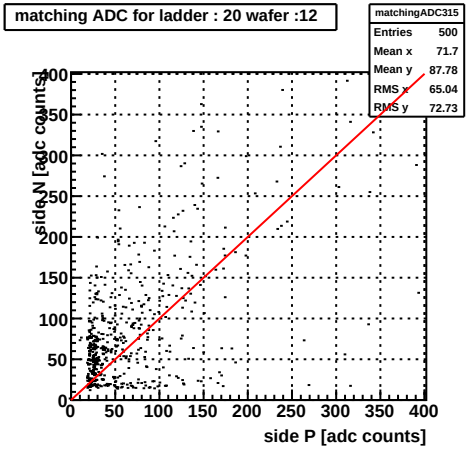

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 410
Mean x 75.54
Mean y 86.28
RMS x 53.31
RMS y 57.91
side N [adc counts]
side P [adc counts]

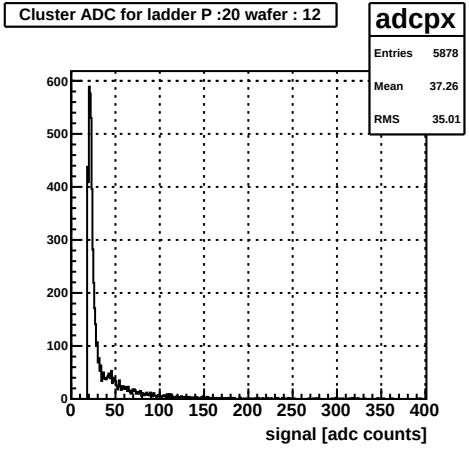

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3587
Mean 40.61
RMS 29.39
signal [adc counts]

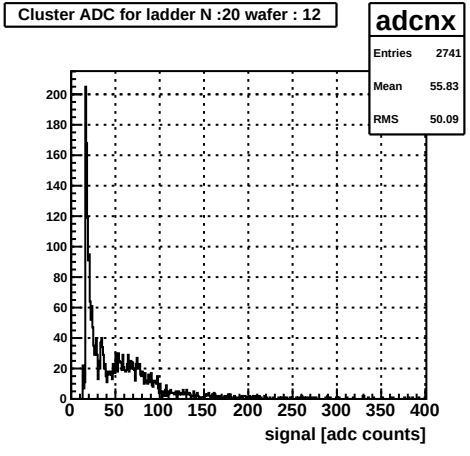

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3692
Mean 51.62
RMS 50.97
signal [adc counts]

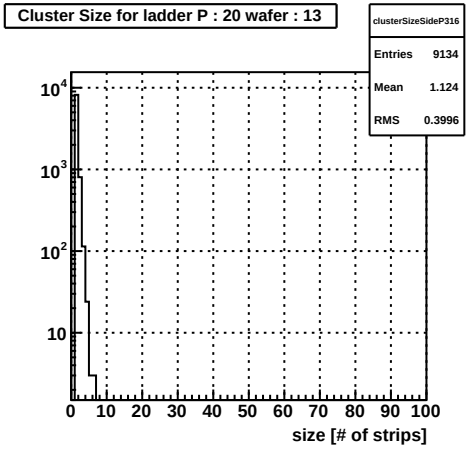

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5878
Mean 1.417
RMS 0.9207
size [# of strips]

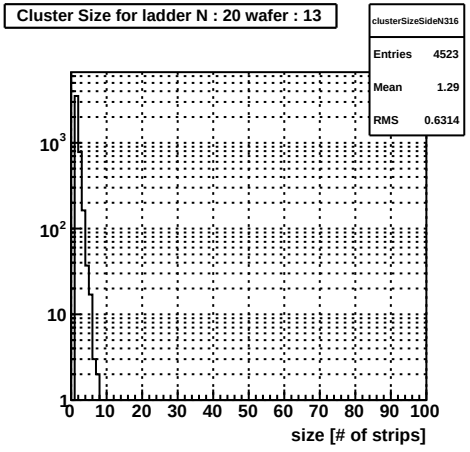

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2741
Mean 1.713
RMS 0.996
size [# of strips]

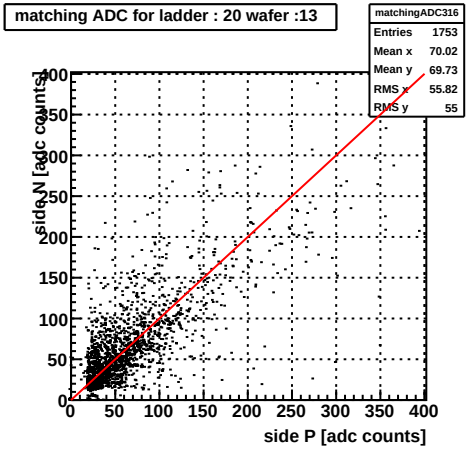

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 500
Mean x 71.7
Mean y 87.78
RMS x 65.04
RMS y 72.73
side N [adc counts]
side P [adc counts]

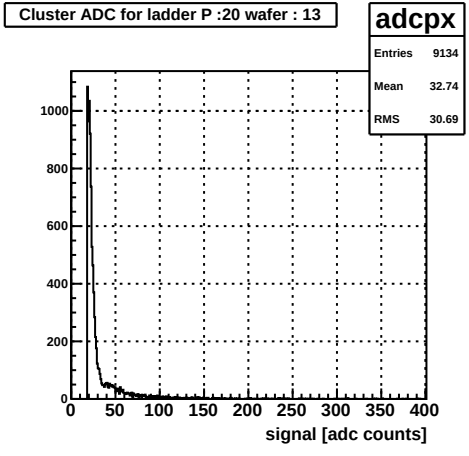

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5878
Mean 37.26
RMS 35.01
signal [adc counts]

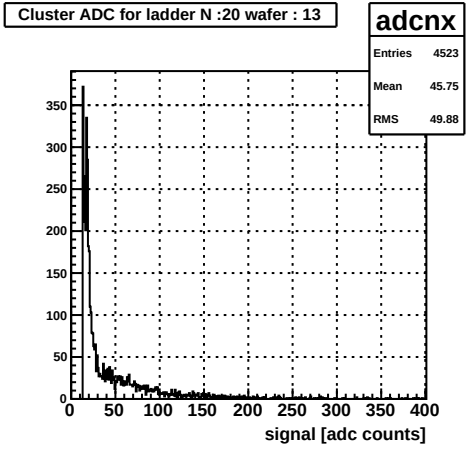

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2741
Mean 55.83
RMS 50.09
signal [adc counts]

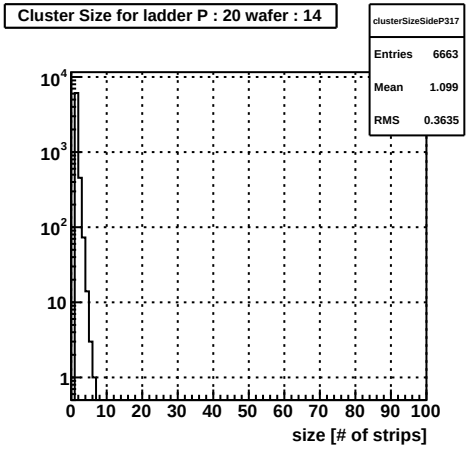

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9134
Mean 1.124
RMS 0.3996
size [# of strips]

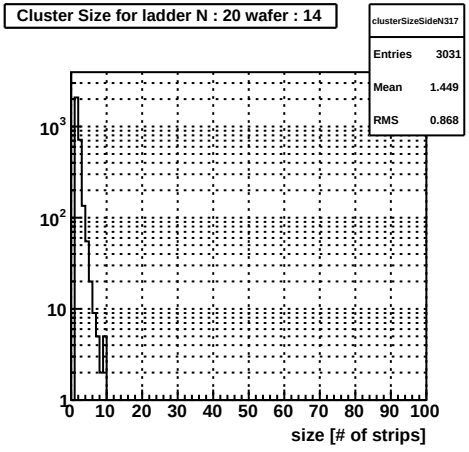

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4523
Mean 1.29
RMS 0.6314
size [# of strips]

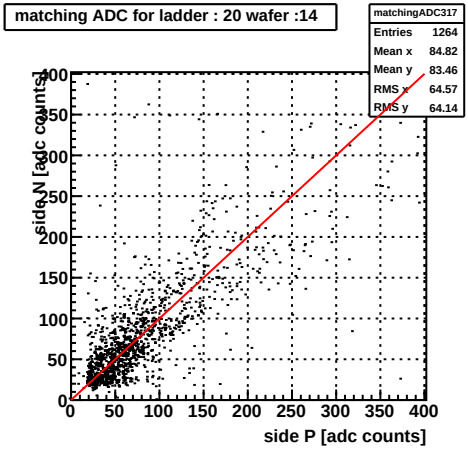

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1753
Mean x 70.02
Mean y 69.73
RMS x 55.82
RMS y 55
side N [adc counts]
side P [adc counts]

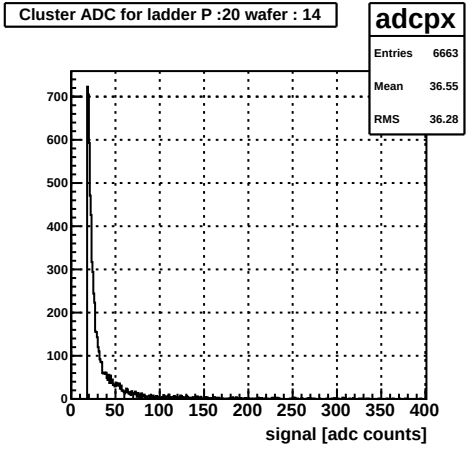

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9134
Mean 32.74
RMS 30.69
signal [adc counts]

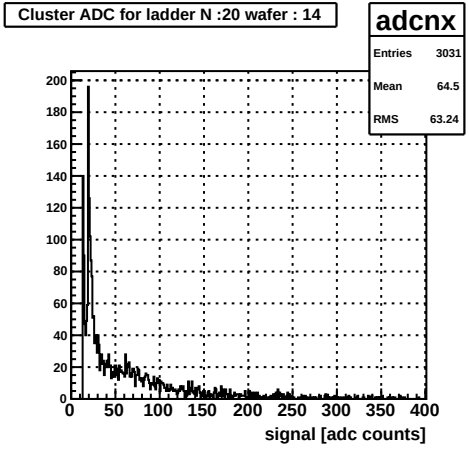

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4523
Mean 45.75
RMS 49.88
signal [adc counts]

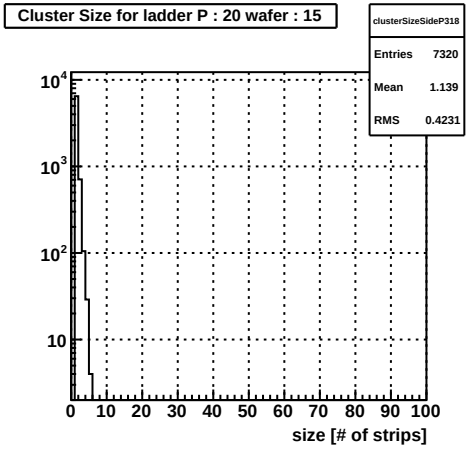

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 6663
Mean 1.099
RMS 0.3635
size [# of strips]

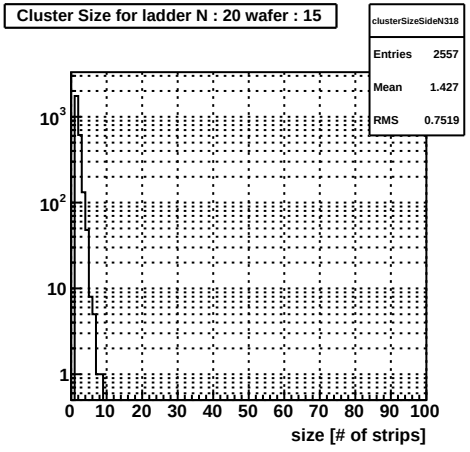

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 3031
Mean 1.449
RMS 0.868
size [# of strips]

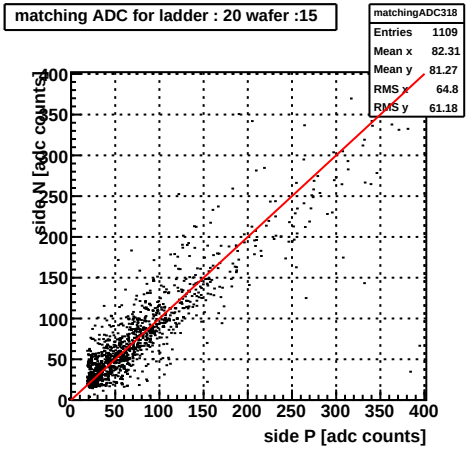

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1264
Mean x 84.82
Mean y 83.46
RMS x 64.57
RMS y 64.14
side N [adc counts]
side P [adc counts]

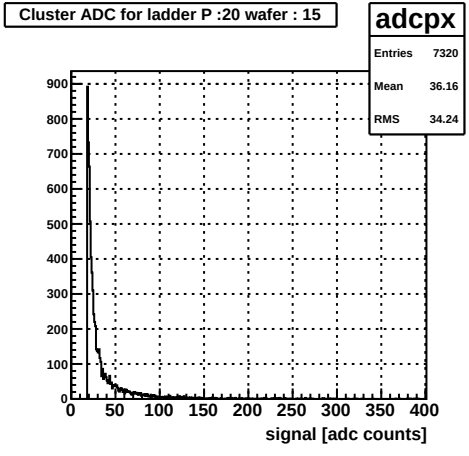

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 6663
Mean 36.55
RMS 36.28
signal [adc counts]

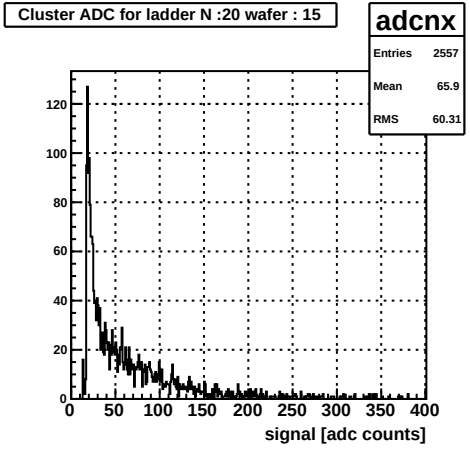

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 3031
Mean 64.5
RMS 63.24
signal [adc counts]

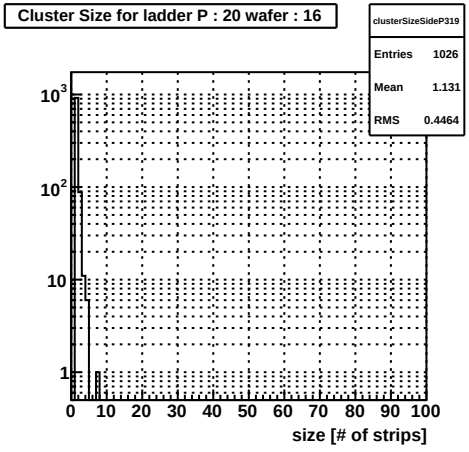

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7320
Mean 1.139
RMS 0.4231
size [# of strips]

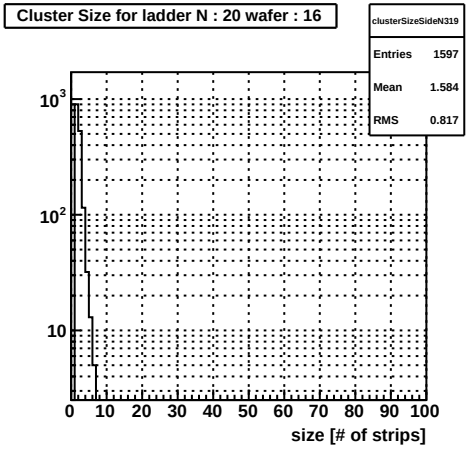

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2557
Mean 1.427
RMS 0.7519
size [# of strips]

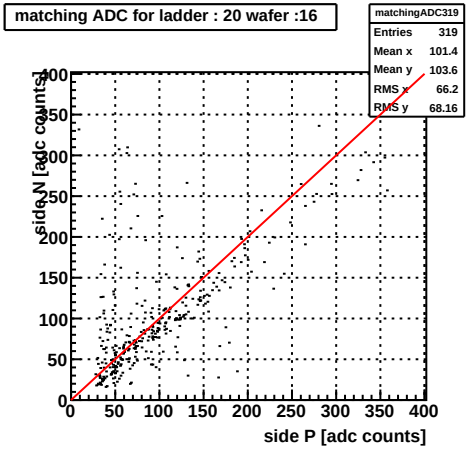

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1109
Mean x 82.31
Mean y 81.27
RMS x 64.8
RMS y 61.18
side N [adc counts]
side P [adc counts]

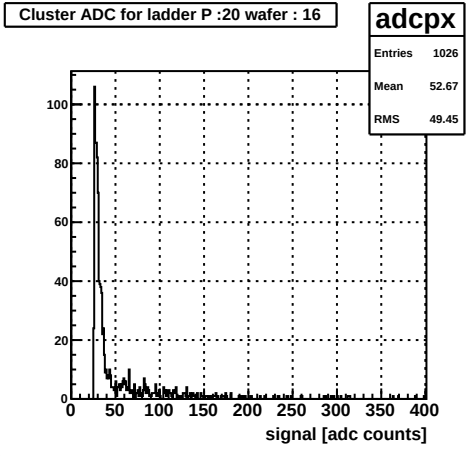

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7320
Mean 36.16
RMS 34.24
signal [adc counts]

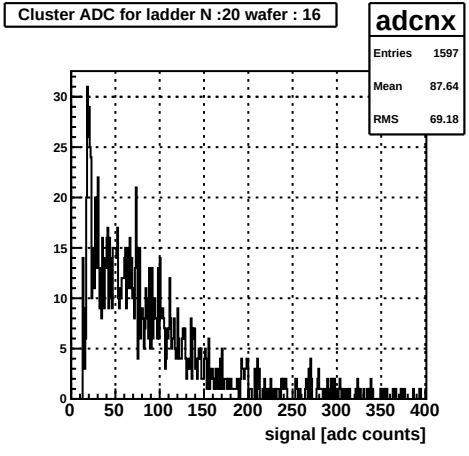

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2557
Mean 65.9
RMS 60.31
signal [adc counts]

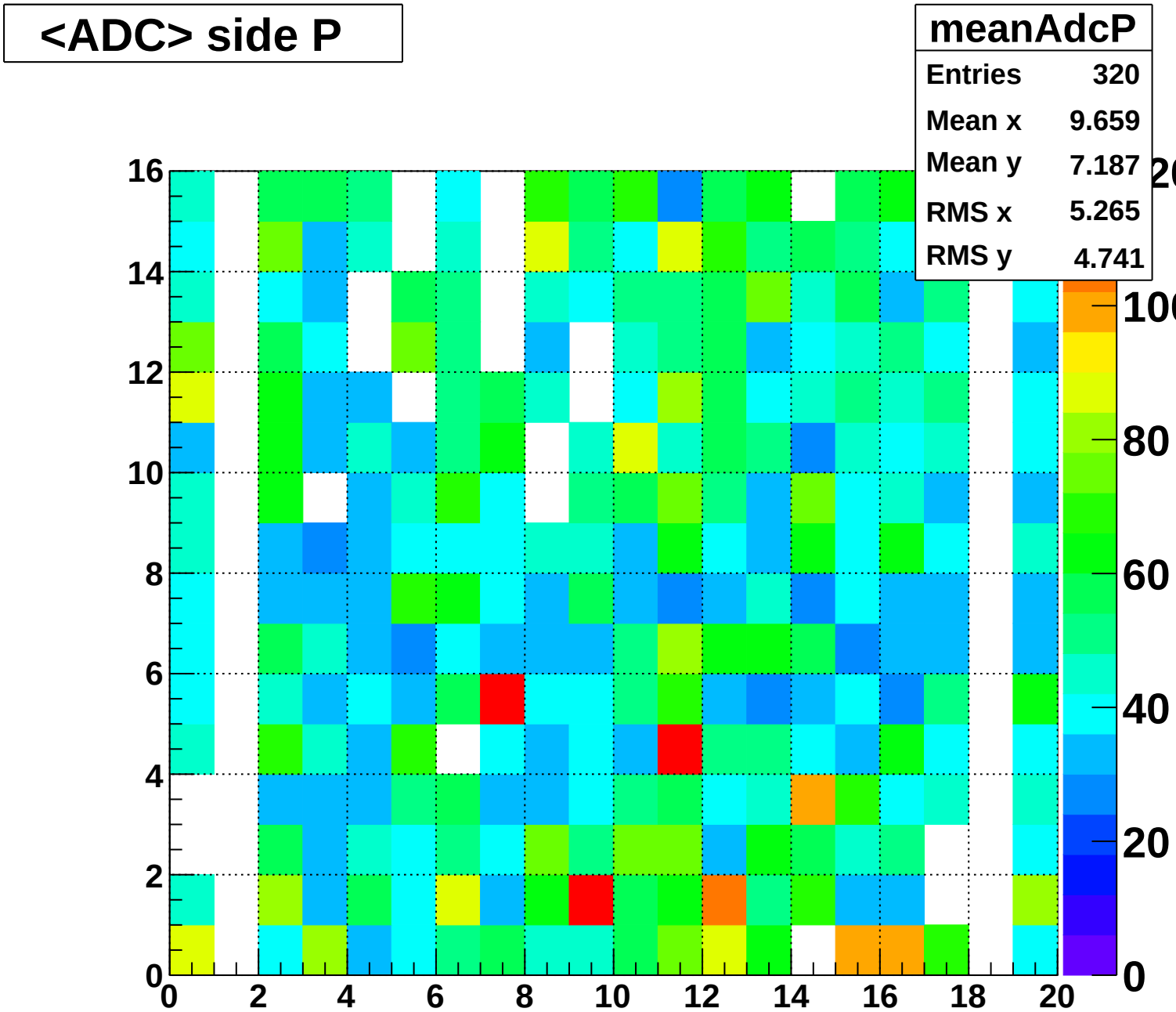

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1026
Mean 1.131
RMS 0.4464
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1597
Mean 1.584
RMS 0.817
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 319
Mean x 101.4
Mean y 103.6
RMS x 66.2
RMS y 68.16
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1026
Mean 52.67
RMS 49.45
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1597
Mean 87.64
RMS 69.18
signal [adc counts]



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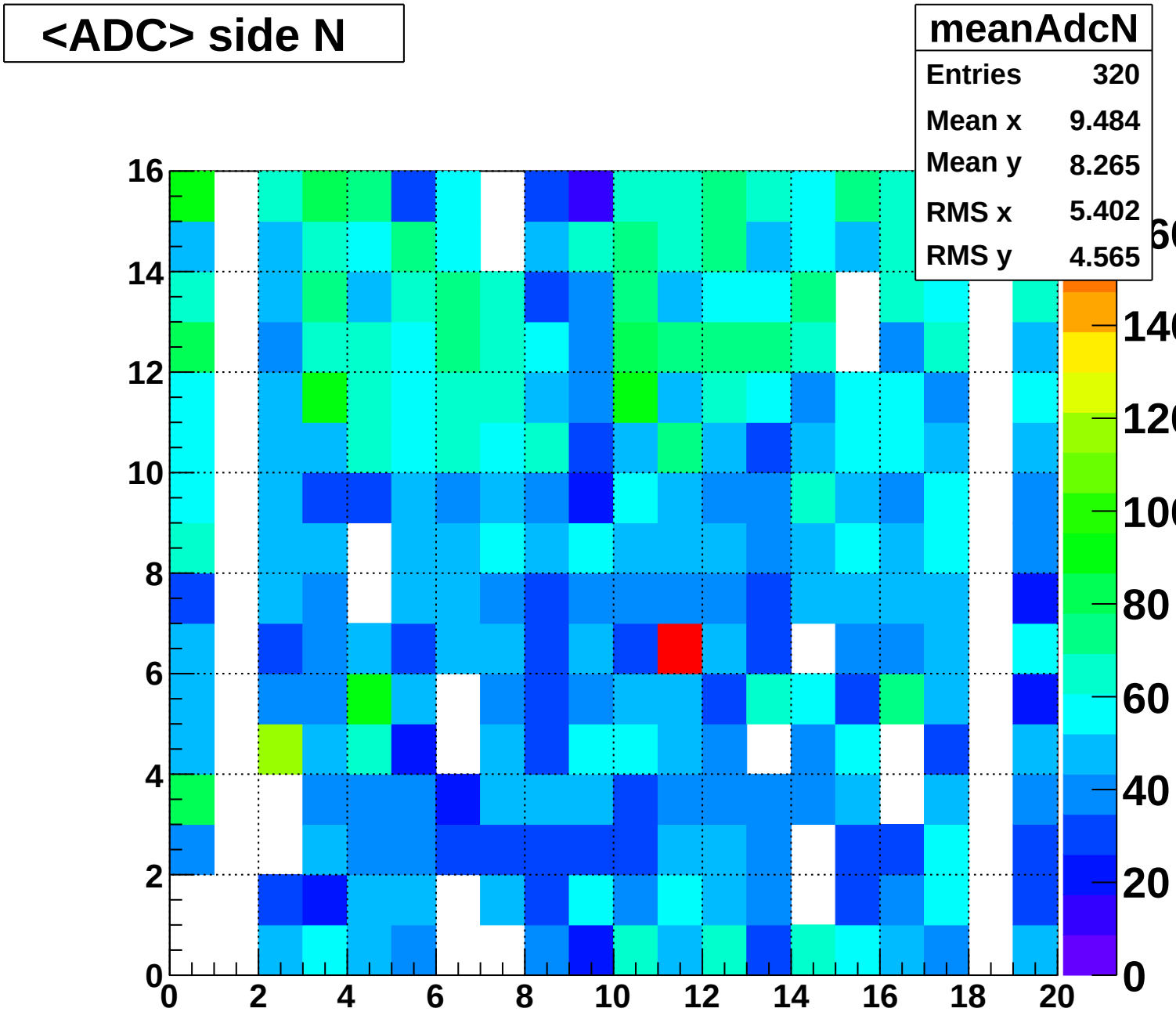

2016-05-19 23:35:45