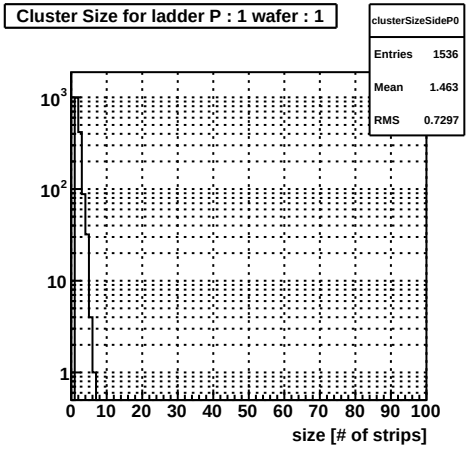
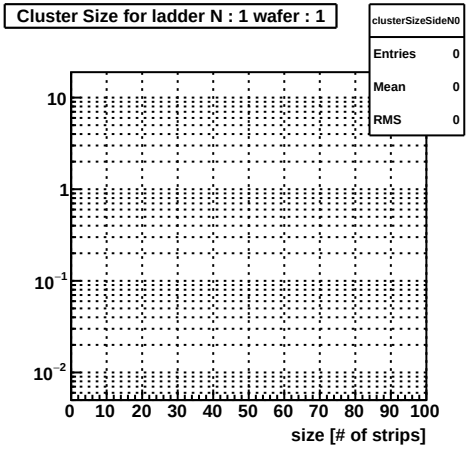
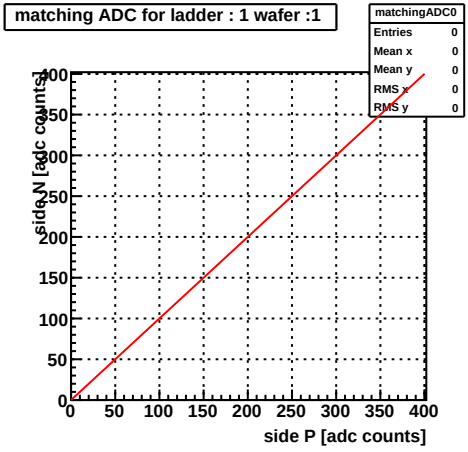
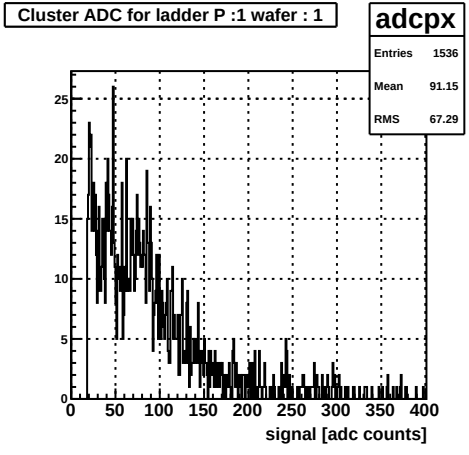
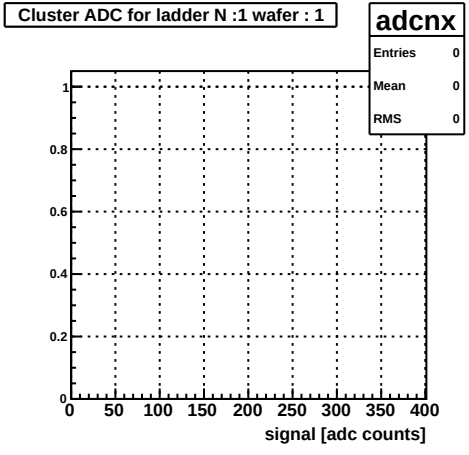
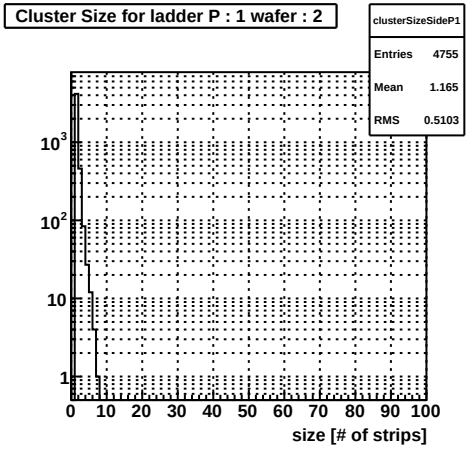

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1536
Mean 1.463
RMS 0.7297
size [# of strips]

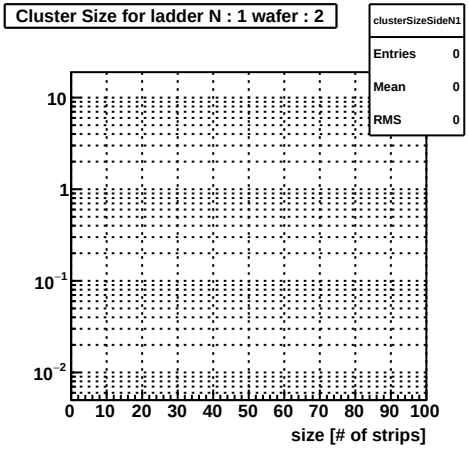

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

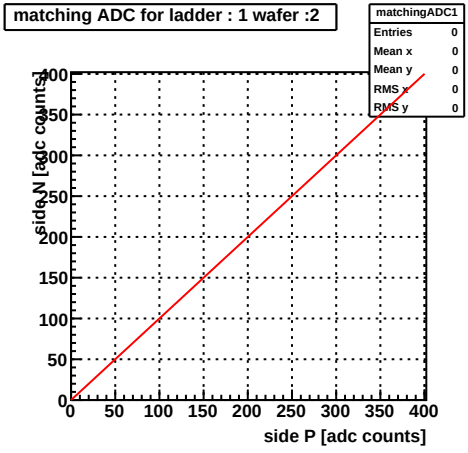

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

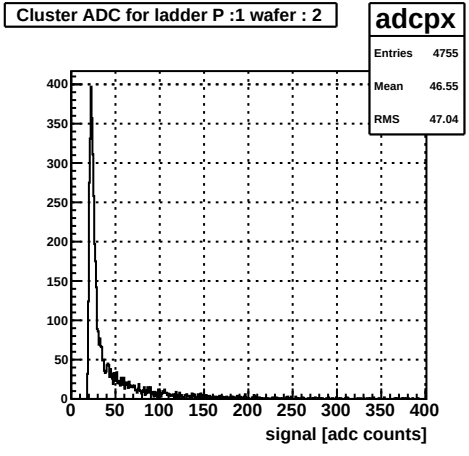

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1536
Mean 91.15
RMS 67.29
signal [adc counts]

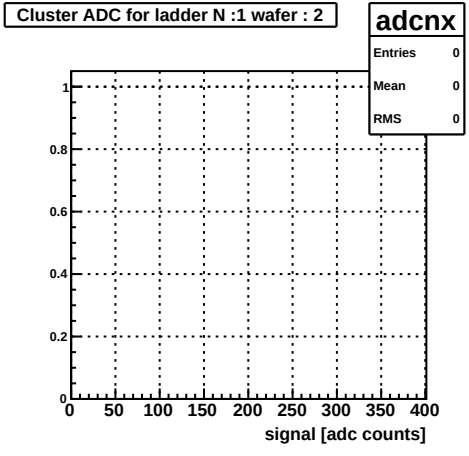

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

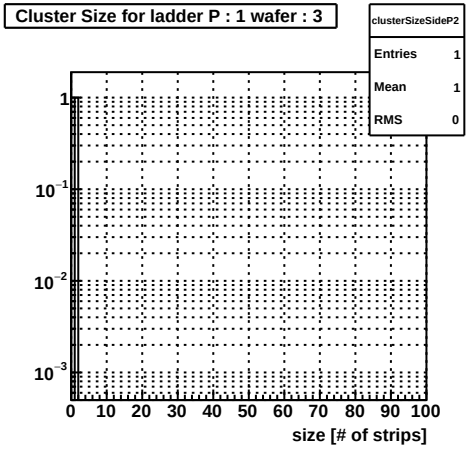

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4755
Mean 1.165
RMS 0.5103
size [# of strips]

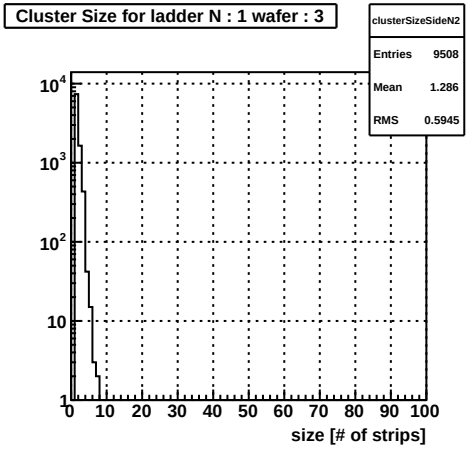

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

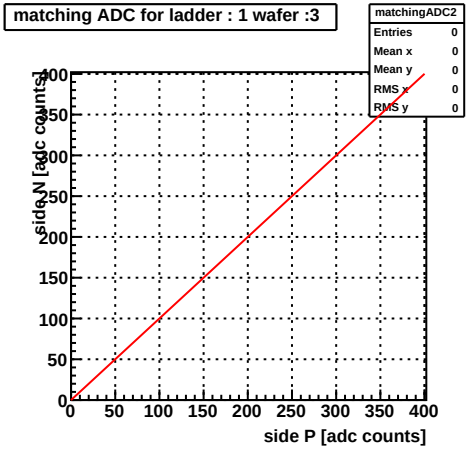

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

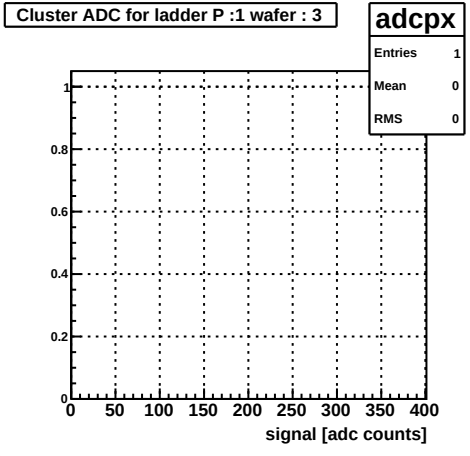

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4755
Mean 46.55
RMS 47.04
signal [adc counts]

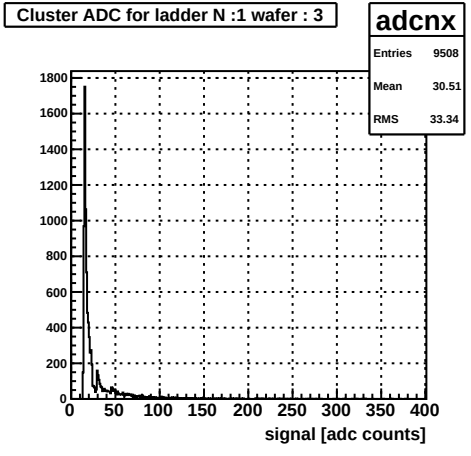

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

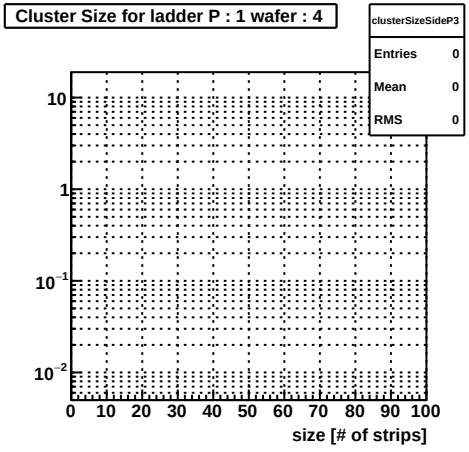

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

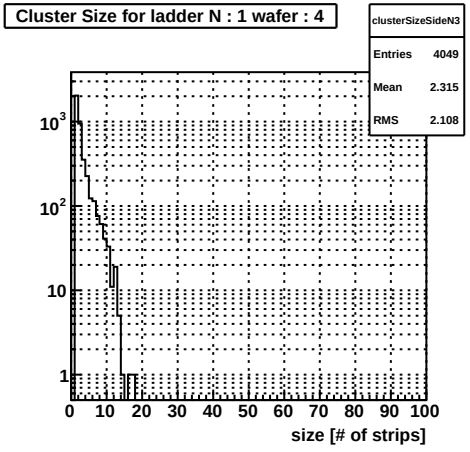

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 9508
Mean 1.286
RMS 0.5945
size [# of strips]

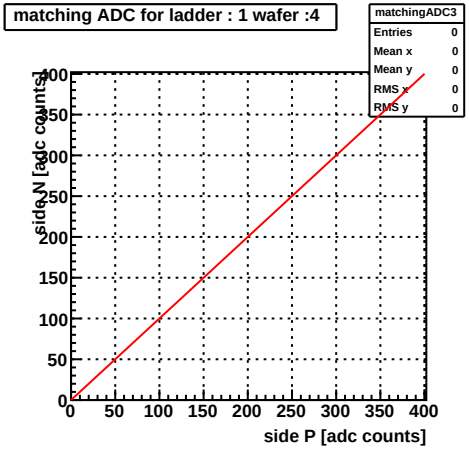

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

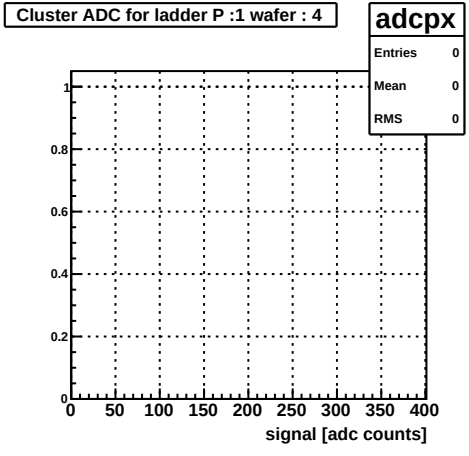

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

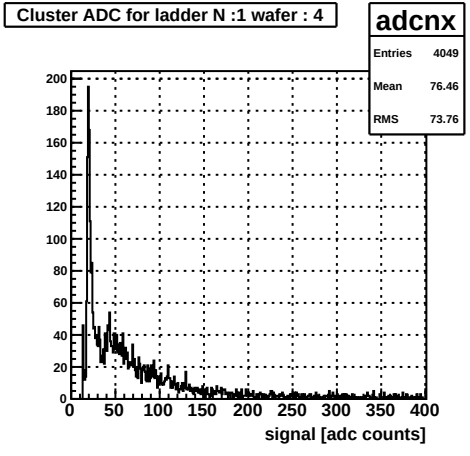

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 9508
Mean 30.51
RMS 33.34
signal [adc counts]

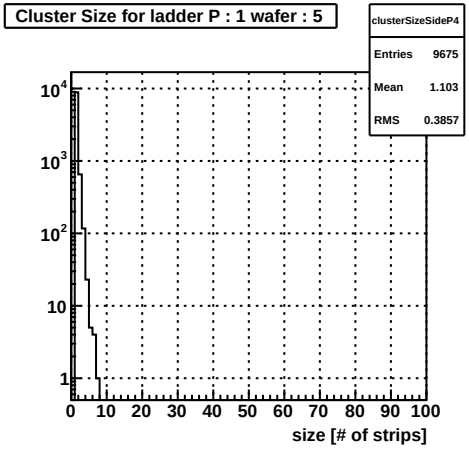

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

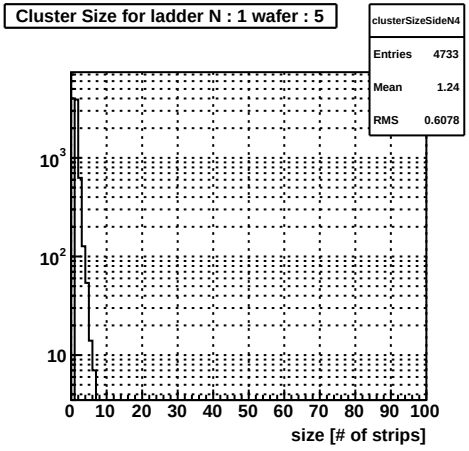

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 4049
Mean 2.315
RMS 2.108
size [# of strips]

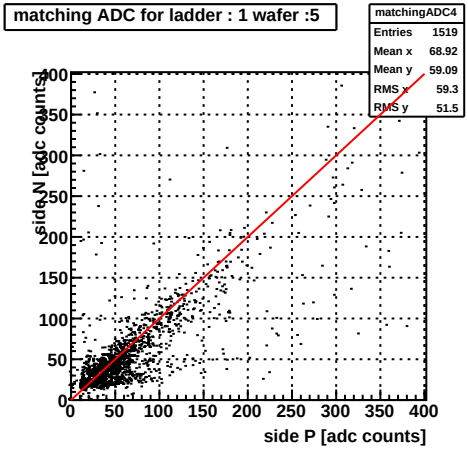

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

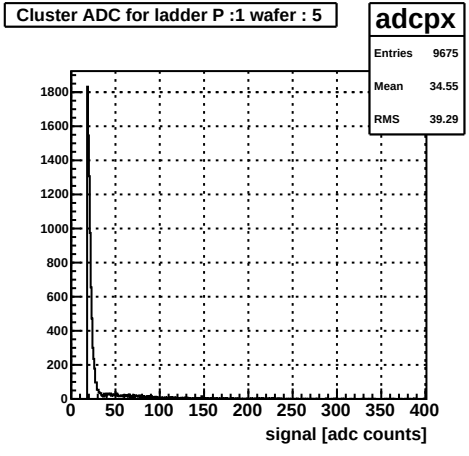

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

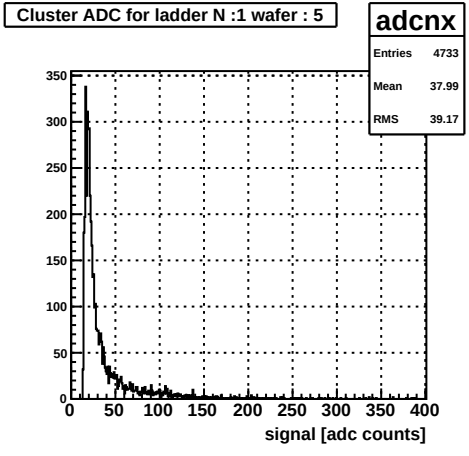

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 4049
Mean 76.46
RMS 73.76
signal [adc counts]

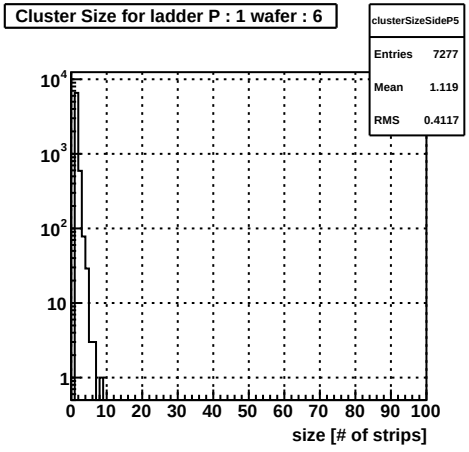

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 9675
Mean 1.103
RMS 0.3857
size [# of strips]

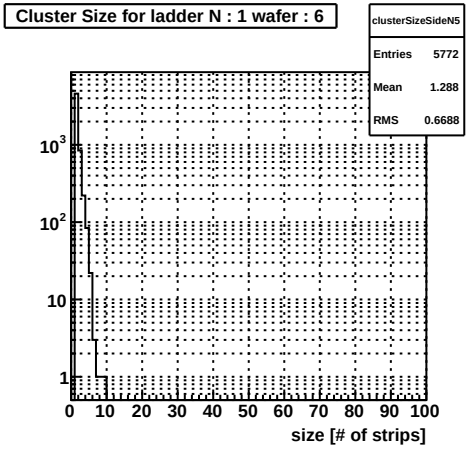

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4733
Mean 1.24
RMS 0.6078
size [# of strips]

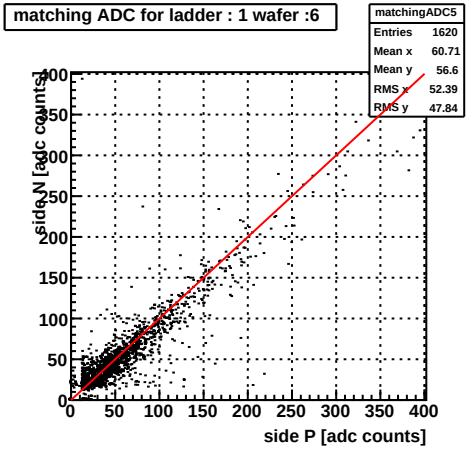

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1519
Mean x 68.92
Mean y 59.09
RMS x 59.3
RMS y 51.5
side N [adc counts]
side P [adc counts]

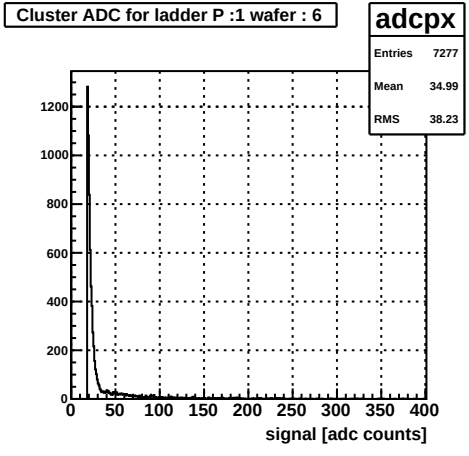

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 9675
Mean 34.55
RMS 39.29
signal [adc counts]

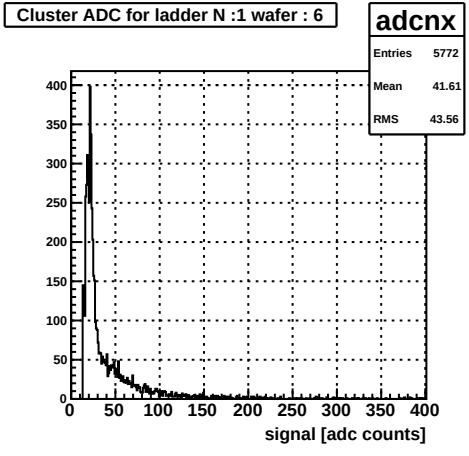

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4733
Mean 37.99
RMS 39.17
signal [adc counts]

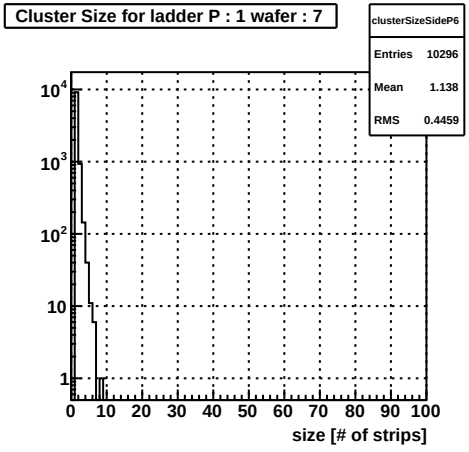

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7277
Mean 1.119
RMS 0.4117
size [# of strips]

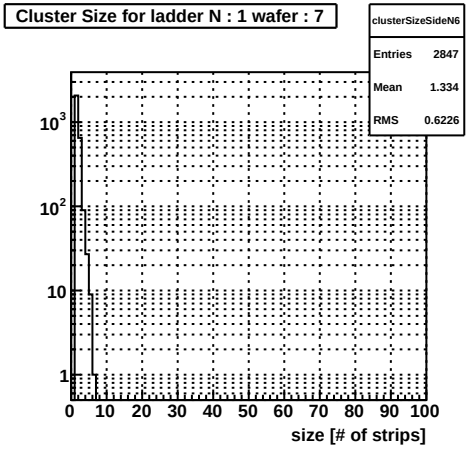

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 5772
Mean 1.288
RMS 0.6688
size [# of strips]

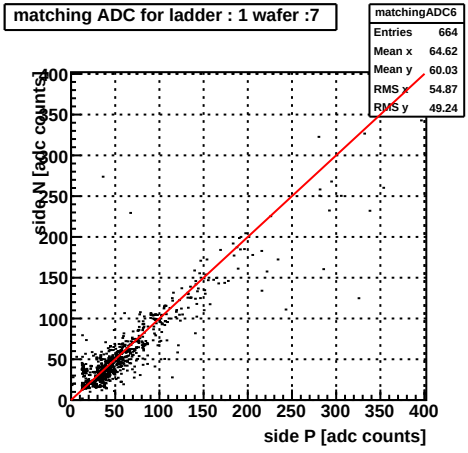

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1620
Mean x 60.71
Mean y 56.6
RMS x 52.39
RMS y 47.84
side N [adc counts]
side P [adc counts]

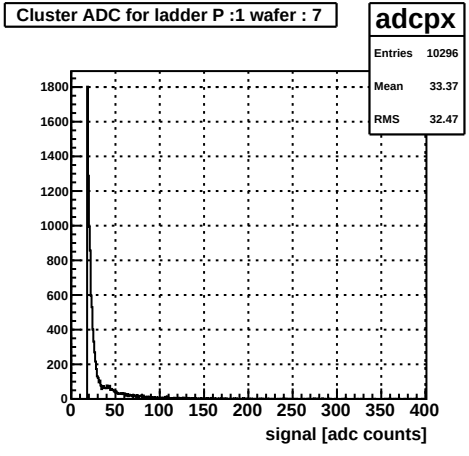

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7277
Mean 34.99
RMS 38.23
signal [adc counts]

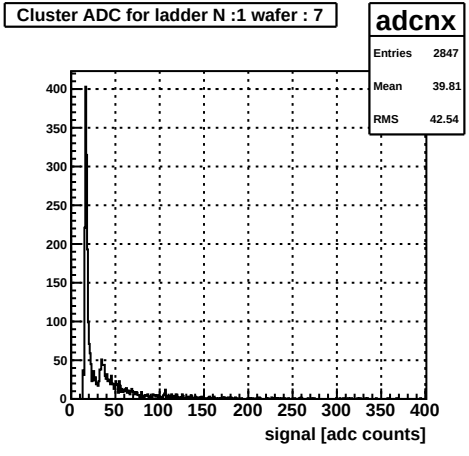

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 5772
Mean 41.61
RMS 43.56
signal [adc counts]

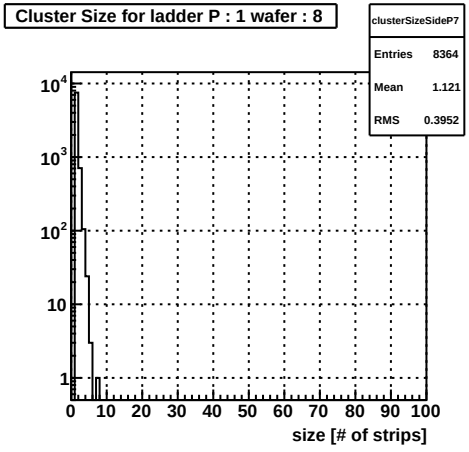

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10296
Mean 1.138
RMS 0.4459
size [# of strips]

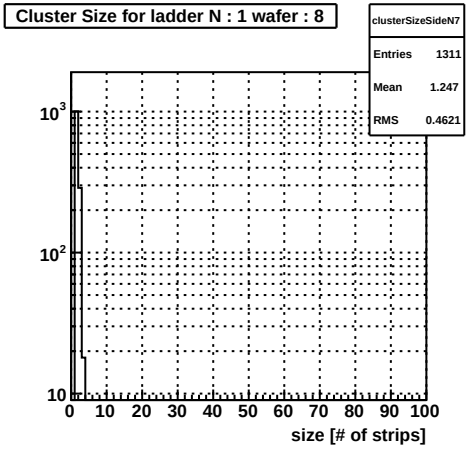

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2847
Mean 1.334
RMS 0.6226
size [# of strips]

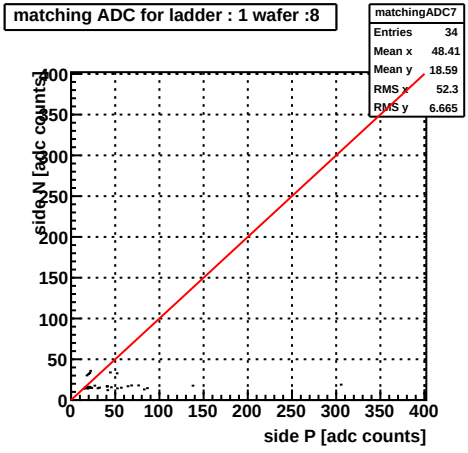

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 664
Mean x 64.62
Mean y 60.03
RMS x 54.87
RMS y 49.24
side N [adc counts]
side P [adc counts]

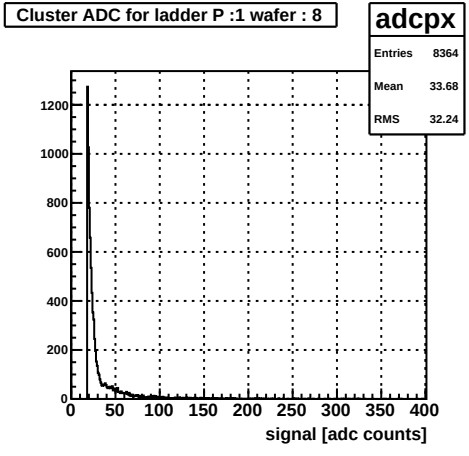

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10296
Mean 33.37
RMS 32.47
signal [adc counts]

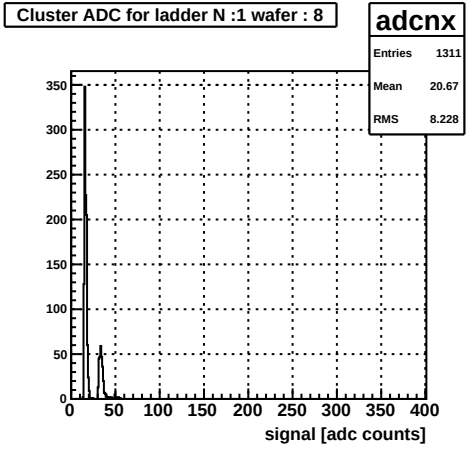

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2847
Mean 39.81
RMS 42.54
signal [adc counts]

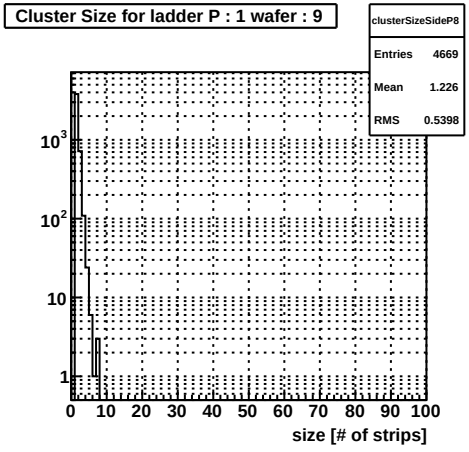

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 8364
Mean 1.121
RMS 0.3952
size [# of strips]

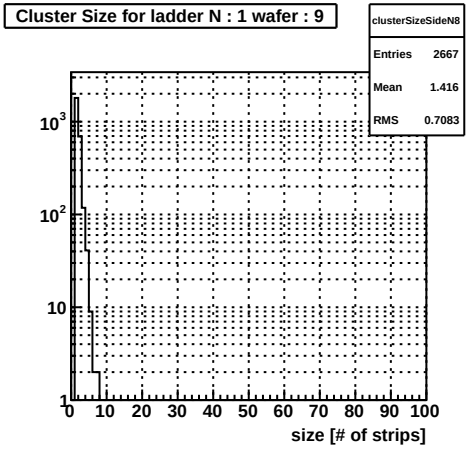

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1311
Mean 1.247
RMS 0.4621
size [# of strips]

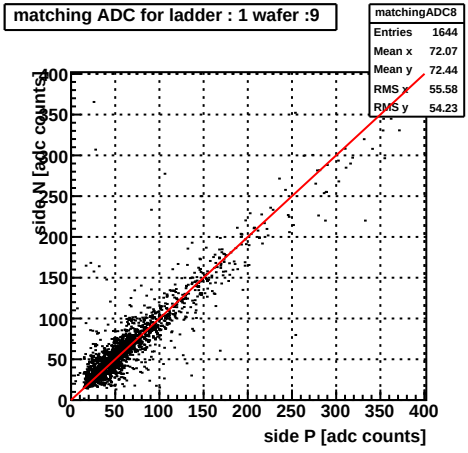

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 34
Mean x 48.41
Mean y 18.59
RMS x 52.3
RMS y 6.665
side N [adc counts]
side P [adc counts]

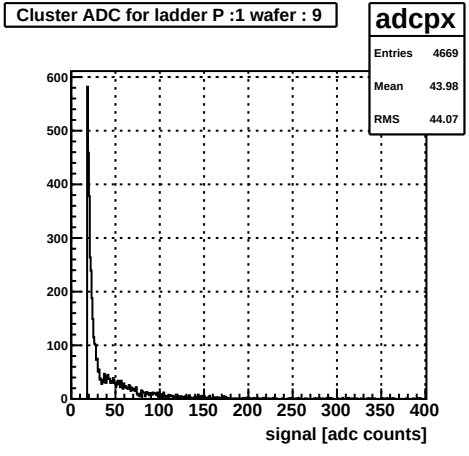

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 8364
Mean 33.68
RMS 32.24
signal [adc counts]

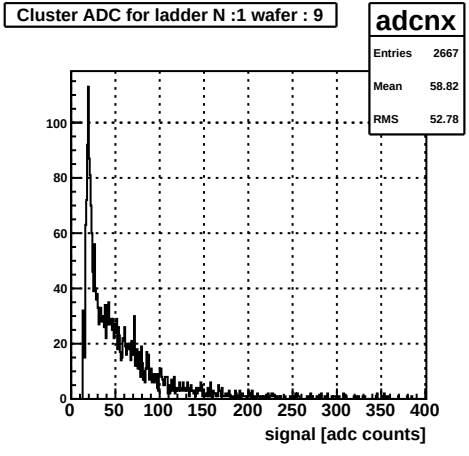

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1311
Mean 20.67
RMS 8.228
signal [adc counts]

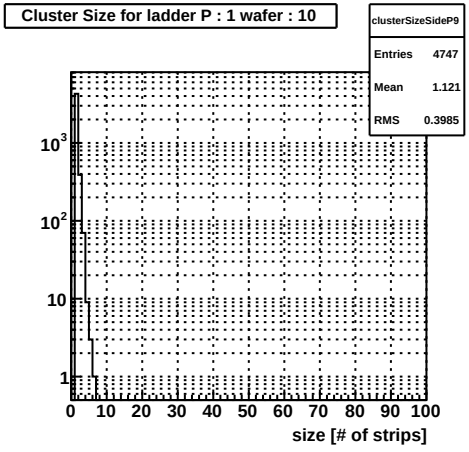

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4669
Mean 1.226
RMS 0.5398
size [# of strips]

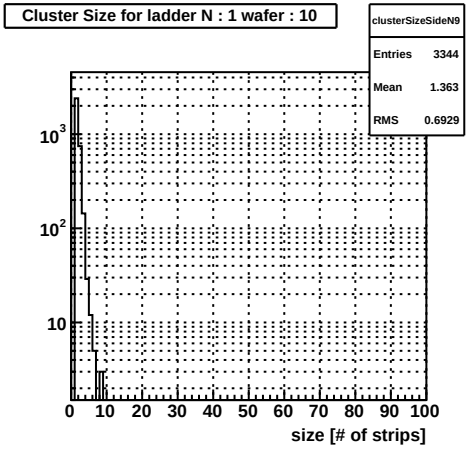

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2667
Mean 1.416
RMS 0.7083
size [# of strips]

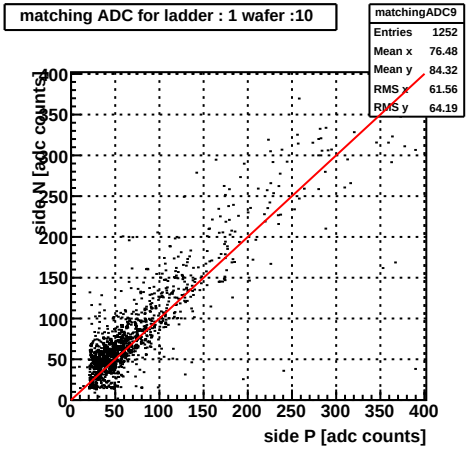

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1644
Mean x 72.07
Mean y 72.44
RMS x 55.58
RMS y 54.23
side N [adc counts]
side P [adc counts]

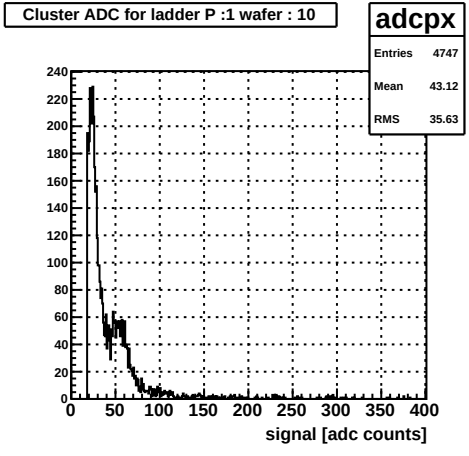

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4669
Mean 43.98
RMS 44.07
signal [adc counts]

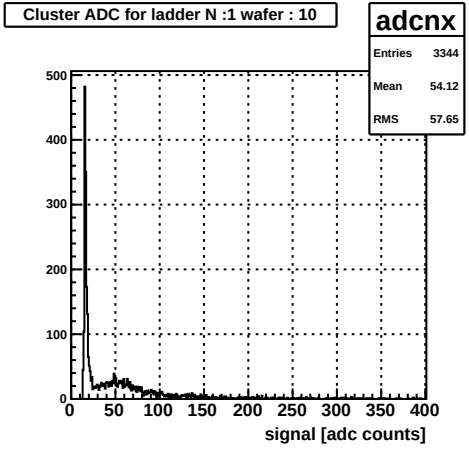

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2667
Mean 58.82
RMS 52.78
signal [adc counts]

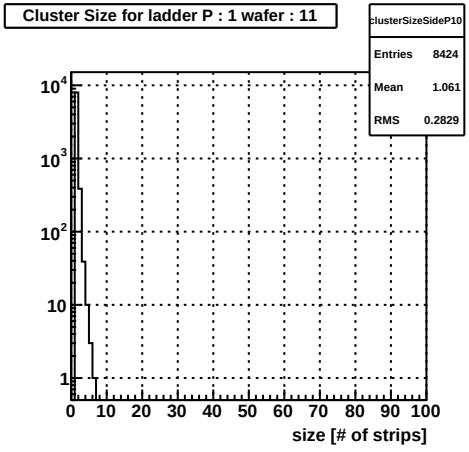

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4747
Mean 1.121
RMS 0.3985
size [# of strips]

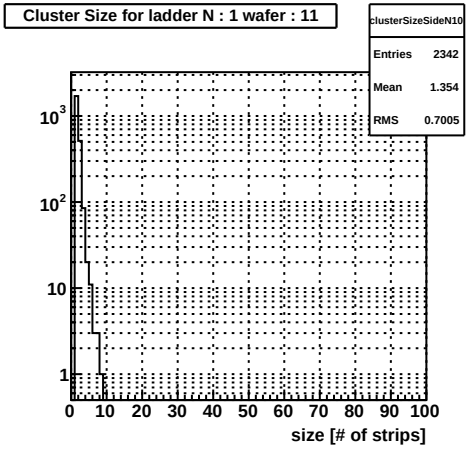

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3344
Mean 1.363
RMS 0.6929
size [# of strips]

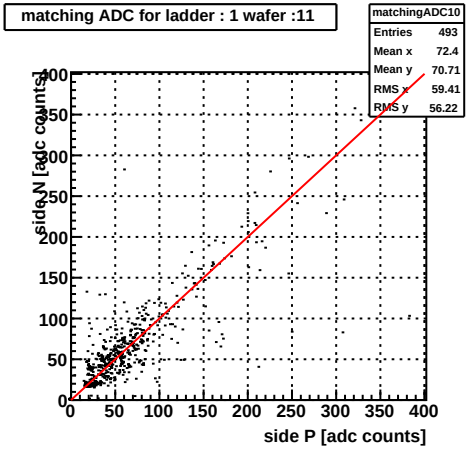

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1252
Mean x 76.48
Mean y 84.32
RMS x 61.56
RMS y 64.19
side N [adc counts]
side P [adc counts]

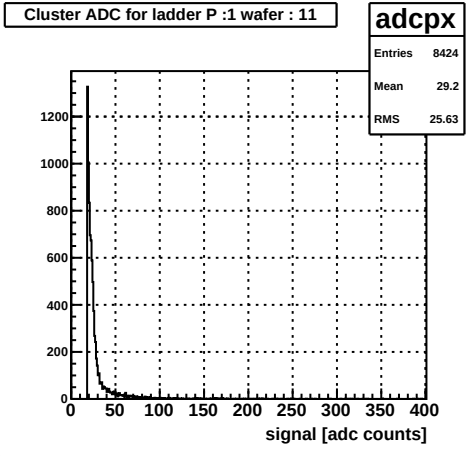

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4747
Mean 43.12
RMS 35.63
signal [adc counts]

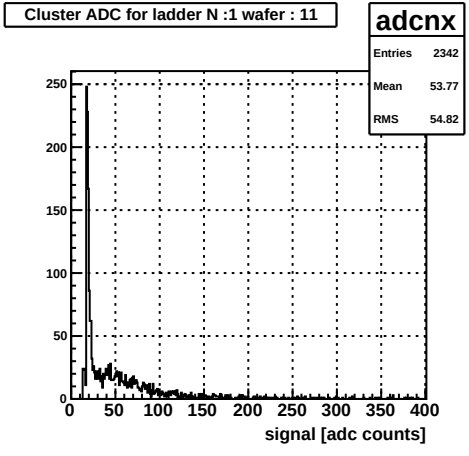

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3344
Mean 54.12
RMS 57.65
signal [adc counts]

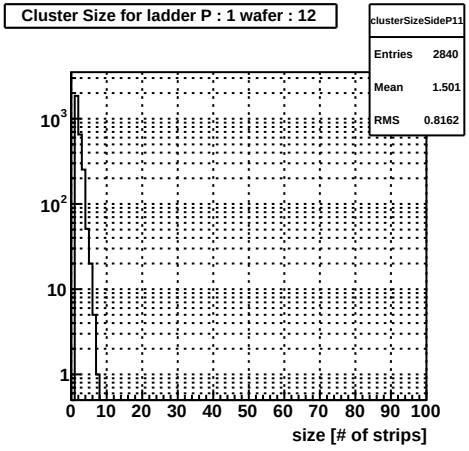

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 8424
Mean 1.061
RMS 0.2829
size [# of strips]

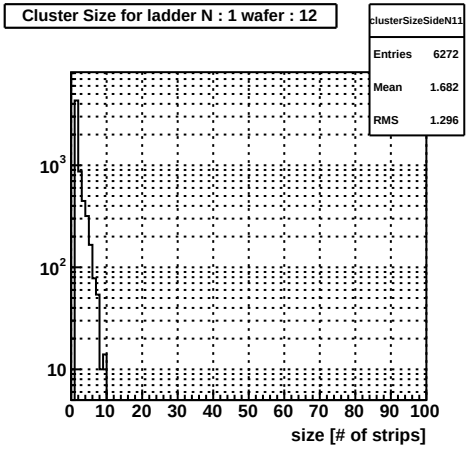

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2342
Mean 1.354
RMS 0.7005
size [# of strips]

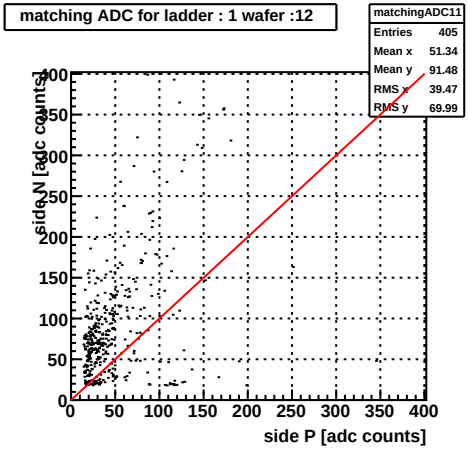

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 493
Mean x 72.4
Mean y 70.71
RMS x 59.41
RMS y 56.22
side N [adc counts]
side P [adc counts]

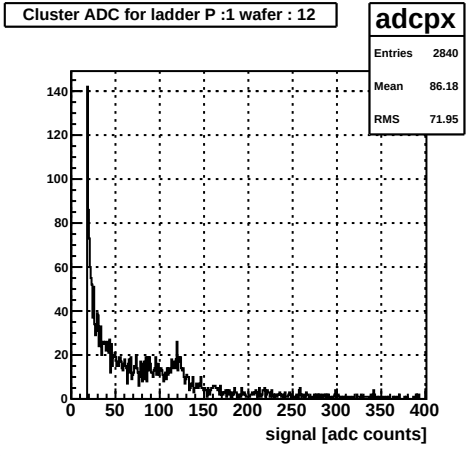

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 8424
Mean 29.2
RMS 25.63
signal [adc counts]

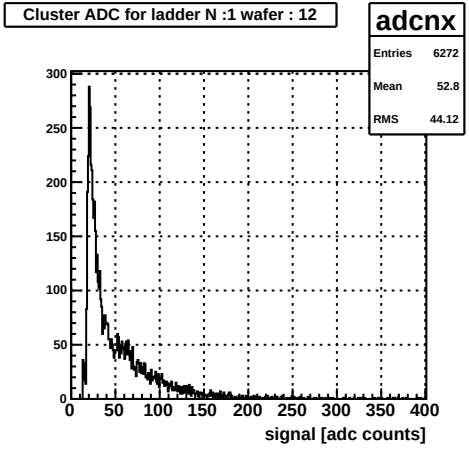

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2342
Mean 53.77
RMS 54.82
signal [adc counts]

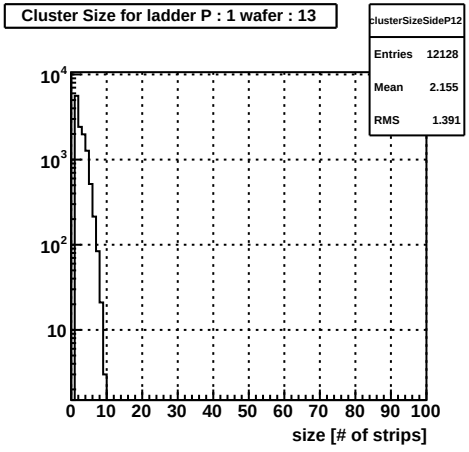

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2840
Mean 1.501
RMS 0.8162
size [# of strips]

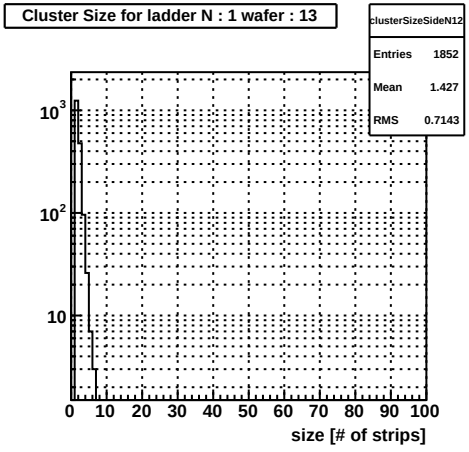

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6272
Mean 1.682
RMS 1.296
size [# of strips]

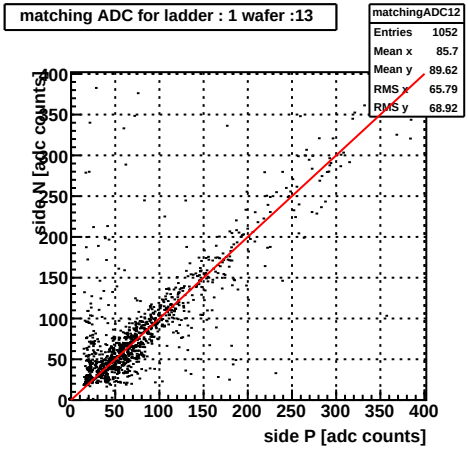

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 405
Mean x 51.34
Mean y 91.48
RMS x 39.47
RMS y 69.99
side N [adc counts]
side P [adc counts]

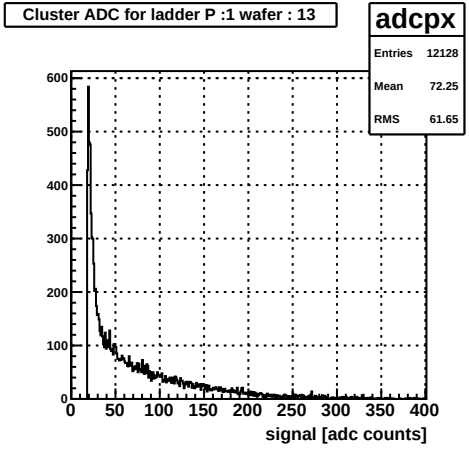

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2840
Mean 86.18
RMS 71.95
signal [adc counts]

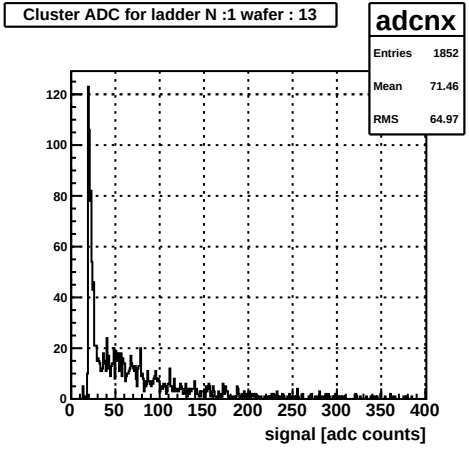

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6272
Mean 52.8
RMS 44.12
signal [adc counts]

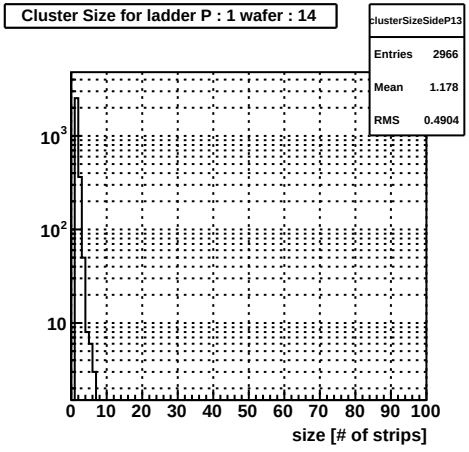

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 12128
Mean 2.155
RMS 1.391
size [# of strips]

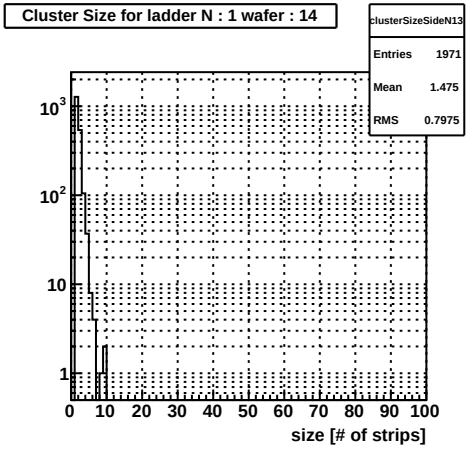

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1852
Mean 1.427
RMS 0.7143
size [# of strips]

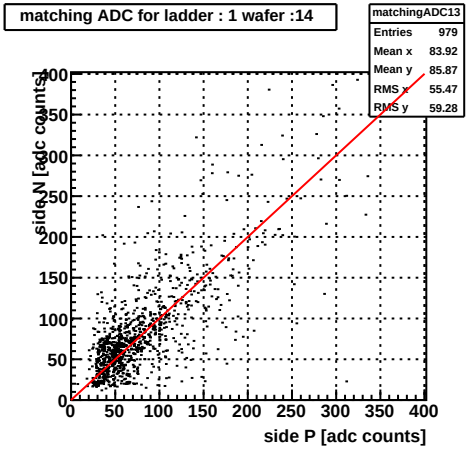

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1052
Mean x 85.7
Mean y 89.62
RMS x 65.79
RMS y 68.92
side N [adc counts]
side P [adc counts]

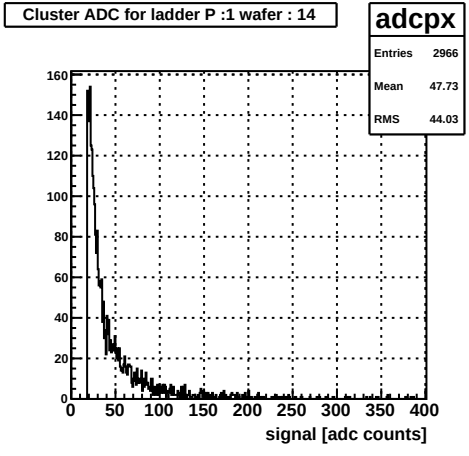

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 12128
Mean 72.25
RMS 61.65
signal [adc counts]

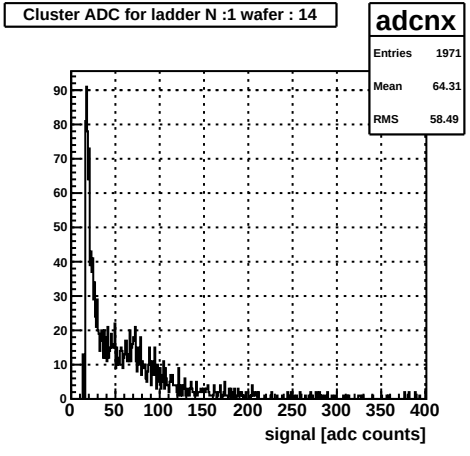

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1852
Mean 71.46
RMS 64.97
signal [adc counts]

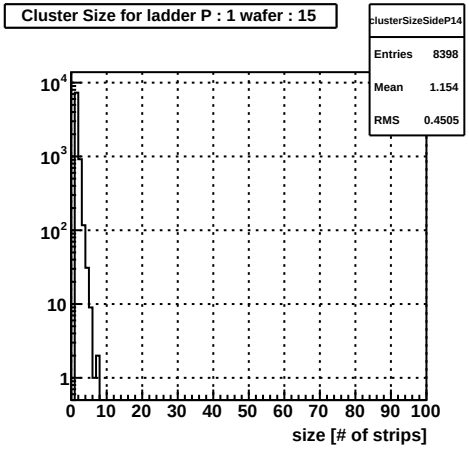

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2966
Mean 1.178
RMS 0.4904
size [# of strips]

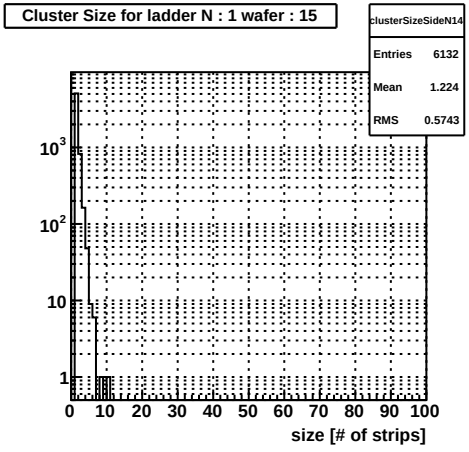

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1971
Mean 1.475
RMS 0.7975
size [# of strips]

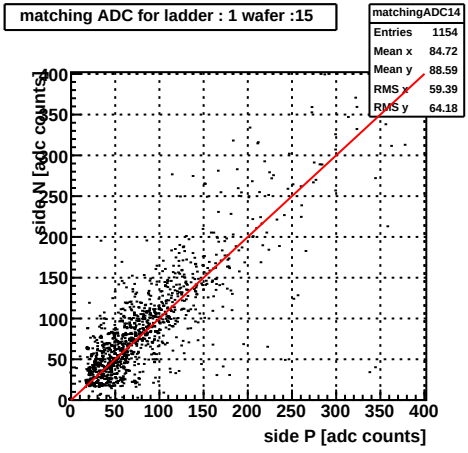

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 979
Mean x 83.92
Mean y 85.87
RMS x 55.47
RMS y 59.28
side N [adc counts]
side P [adc counts]

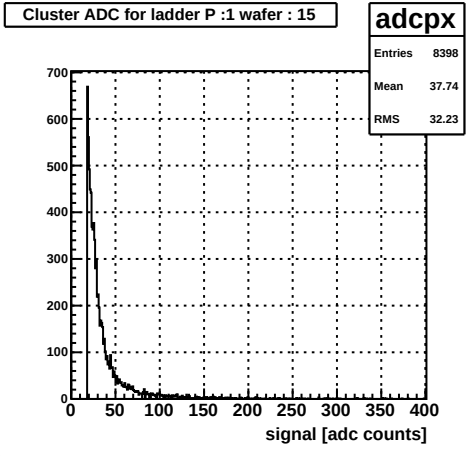

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2966
Mean 47.73
RMS 44.03
signal [adc counts]

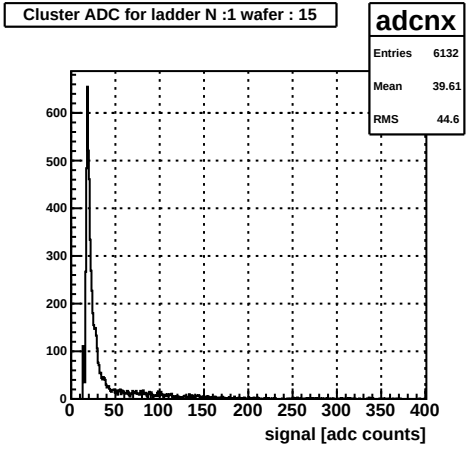

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1971
Mean 64.31
RMS 58.49
signal [adc counts]

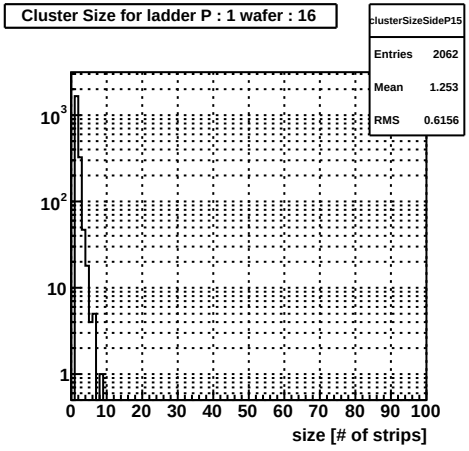

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 8398
Mean 1.154
RMS 0.4505
size [# of strips]

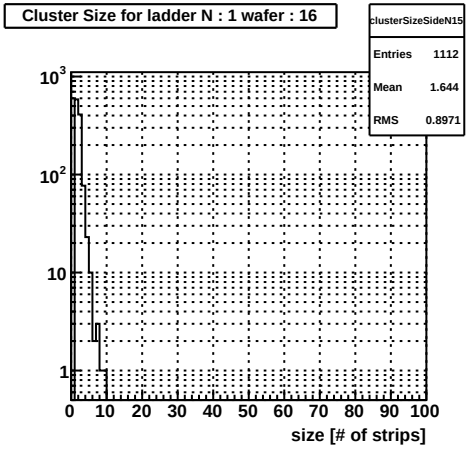

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 6132
Mean 1.224
RMS 0.5743
size [# of strips]

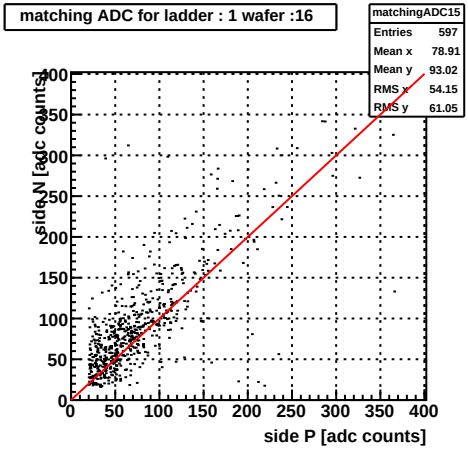

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1154
Mean x 84.72
Mean y 88.59
RMS x 59.39
RMS y 64.18
side N [adc counts]
side P [adc counts]

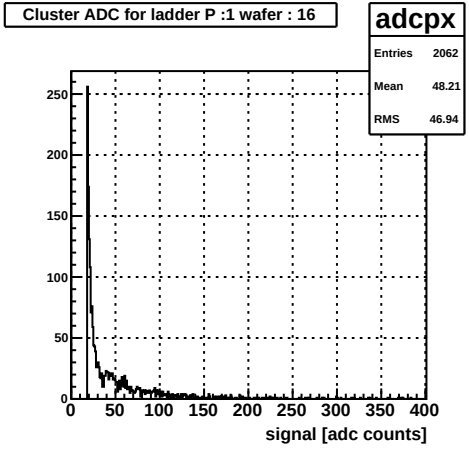

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 8398
Mean 37.74
RMS 32.23
signal [adc counts]

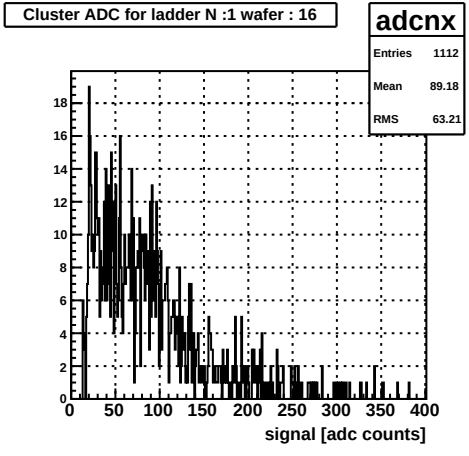

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 6132
Mean 39.61
RMS 44.6
signal [adc counts]

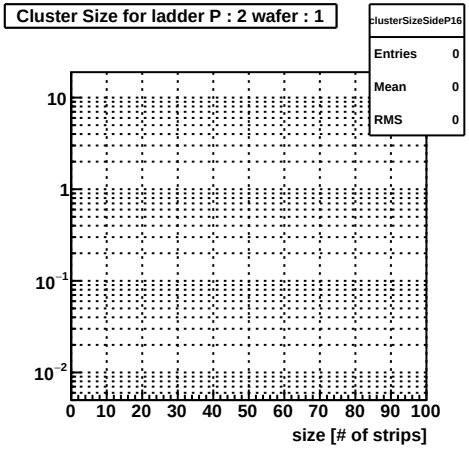

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2062
Mean 1.253
RMS 0.6156
size [# of strips]

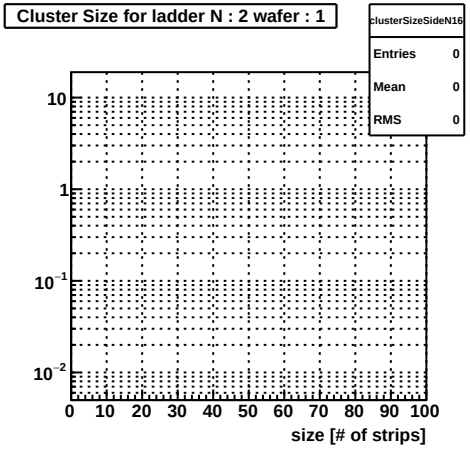

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1112
Mean 1.644
RMS 0.8971
size [# of strips]

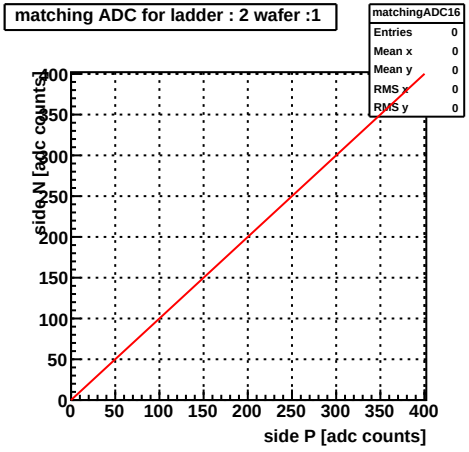

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 597
Mean x 78.91
Mean y 93.02
RMS x 54.15
RMS y 61.05
side N [adc counts]
side P [adc counts]

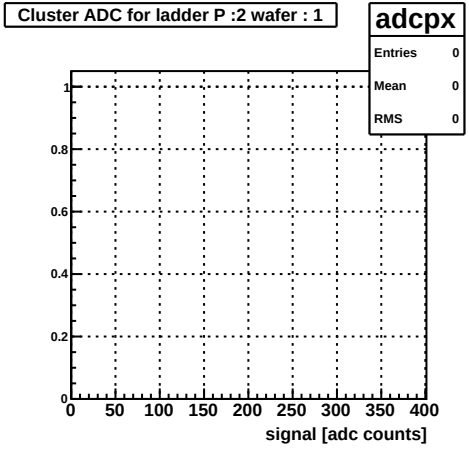

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2062
Mean 48.21
RMS 46.94
signal [adc counts]

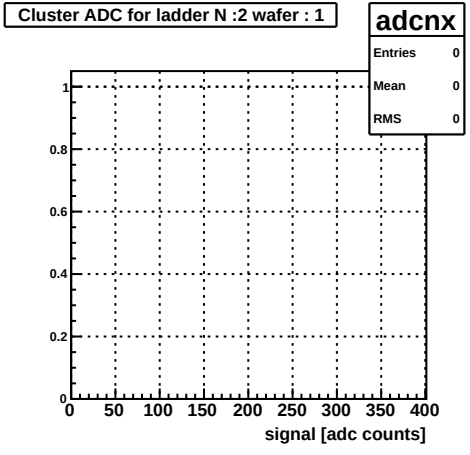

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1112
Mean 89.18
RMS 63.21
signal [adc counts]

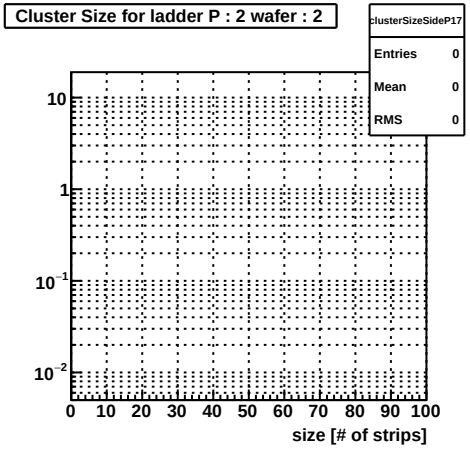

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

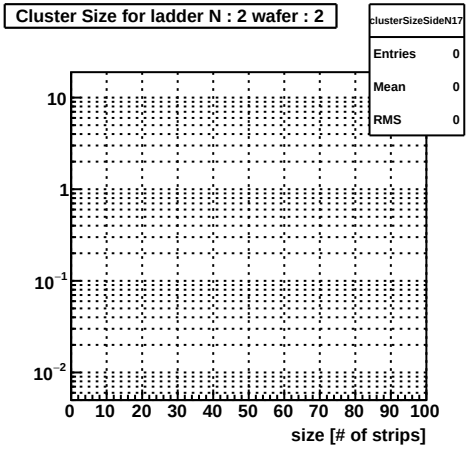

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

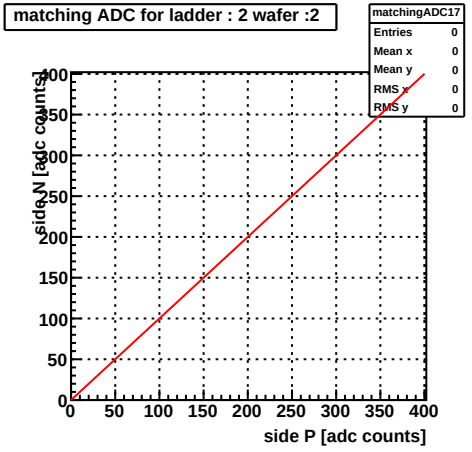

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

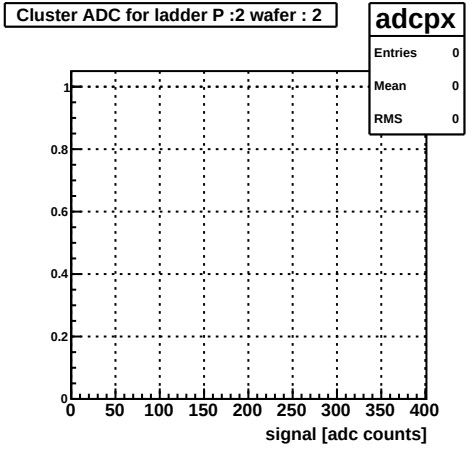

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

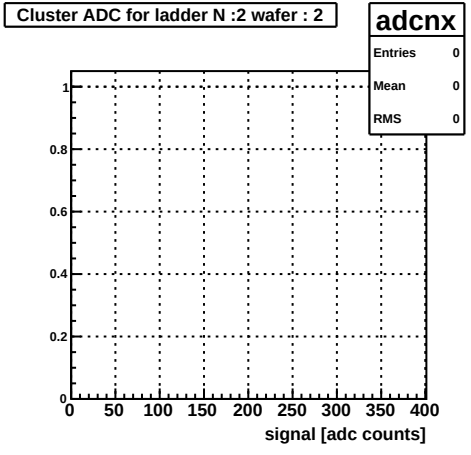

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

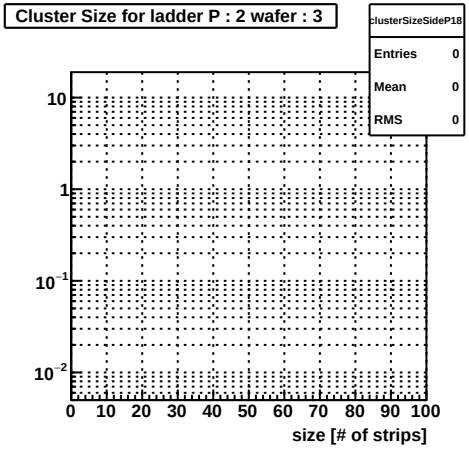

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

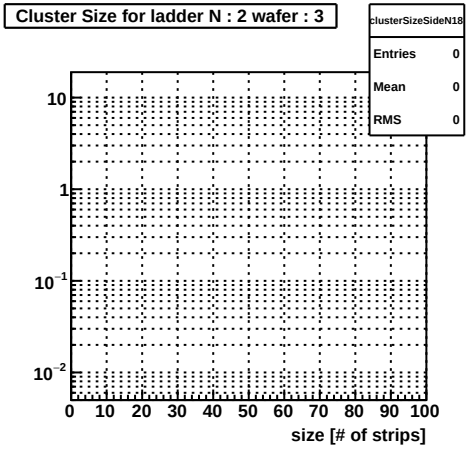

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

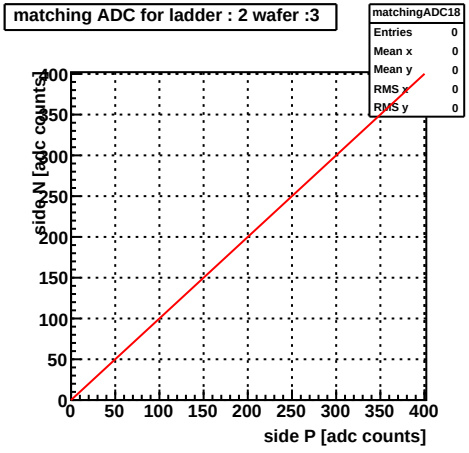

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

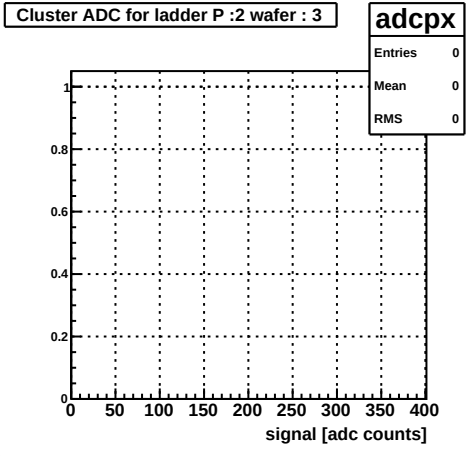

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

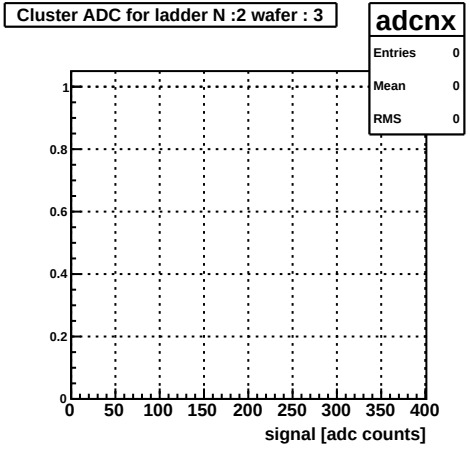

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

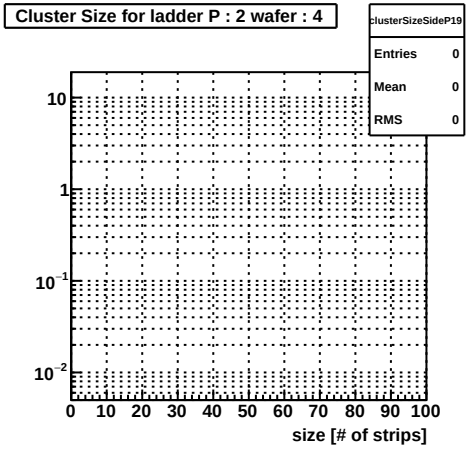

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

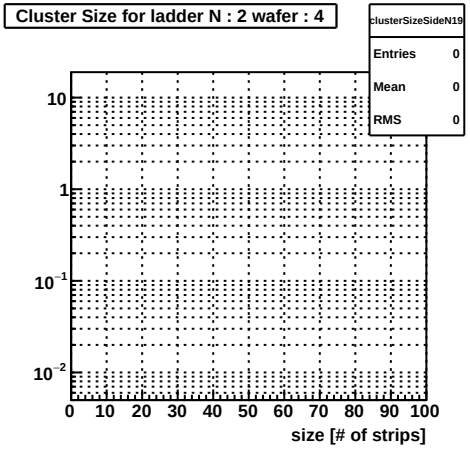

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

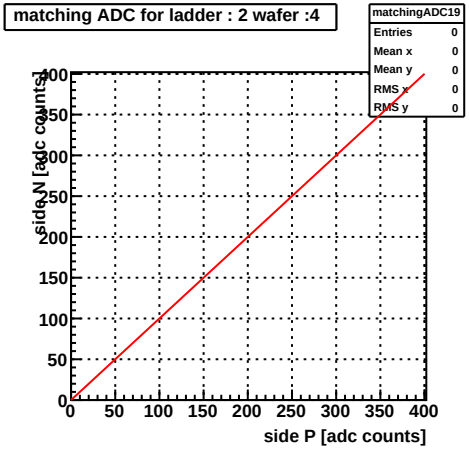

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

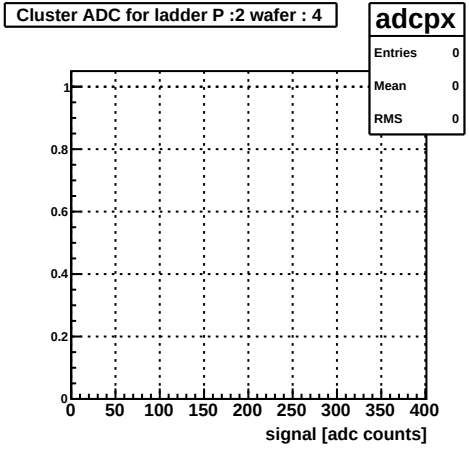

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

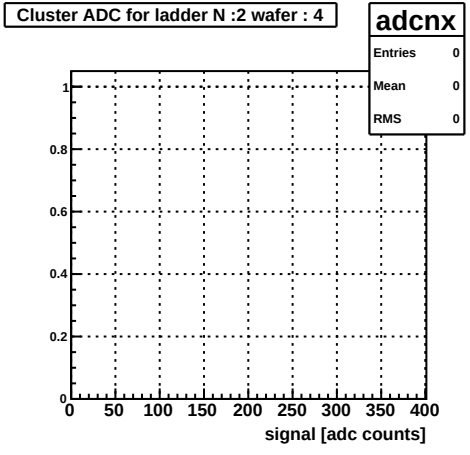

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

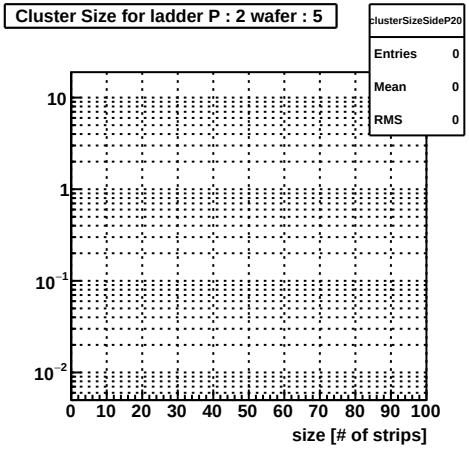

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

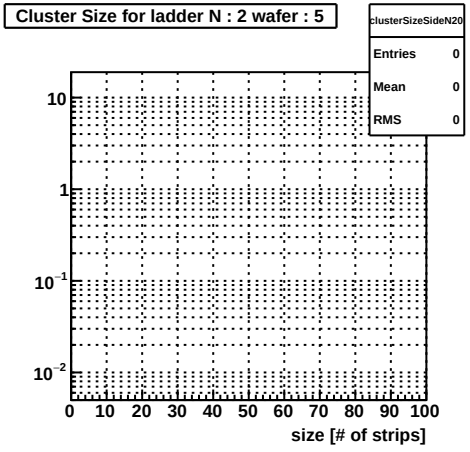

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

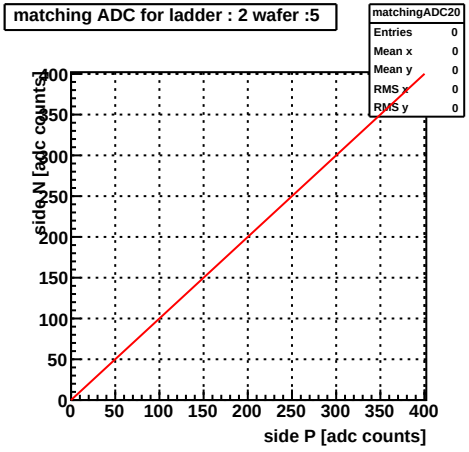

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

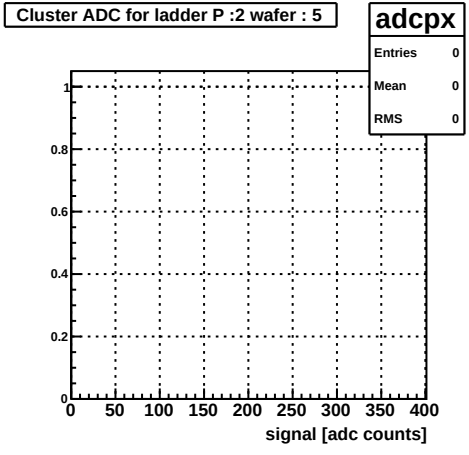

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

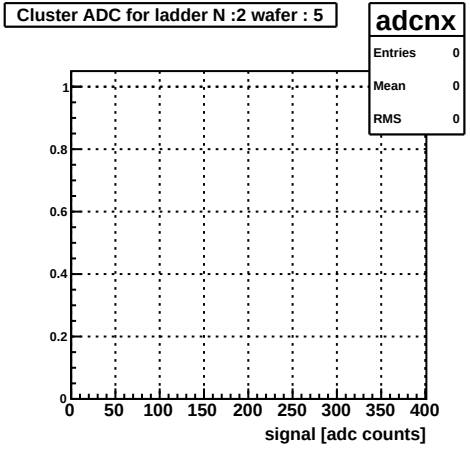

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

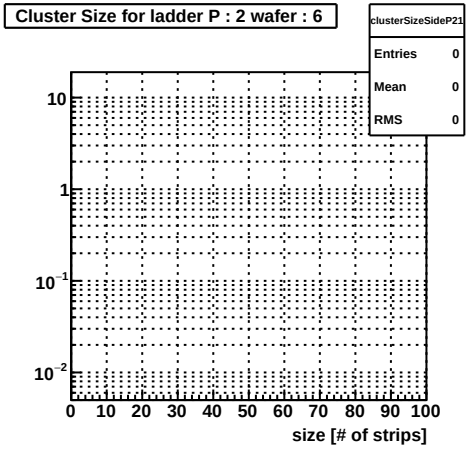

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

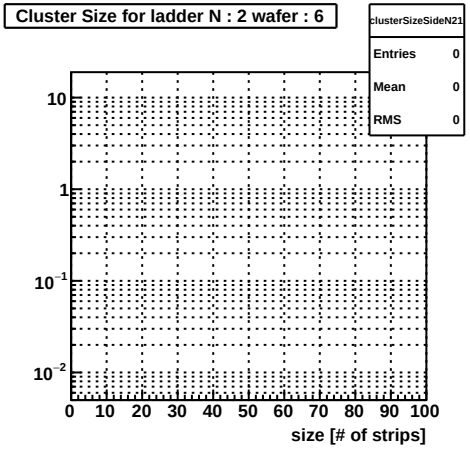

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

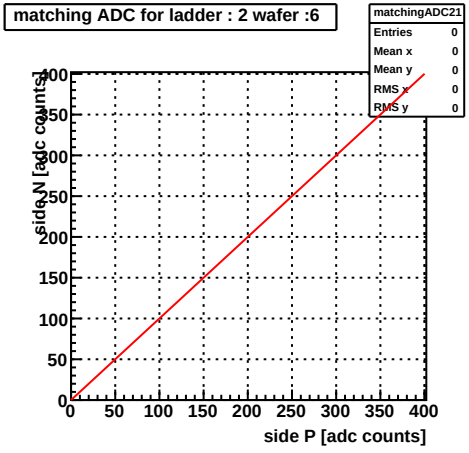

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

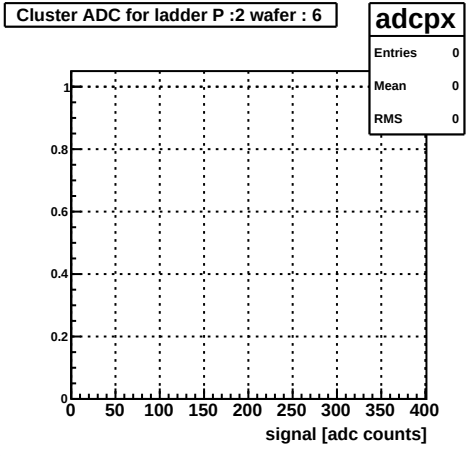

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

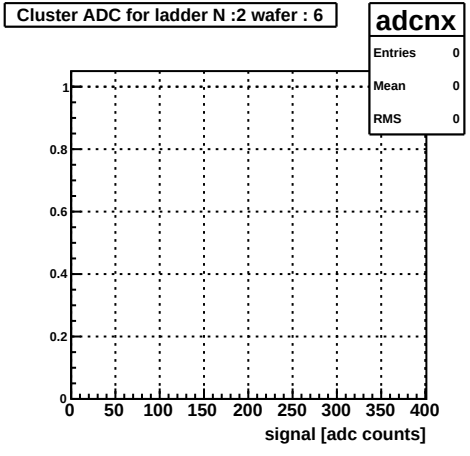

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

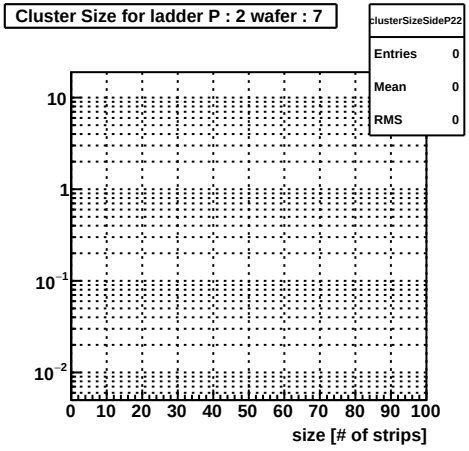

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

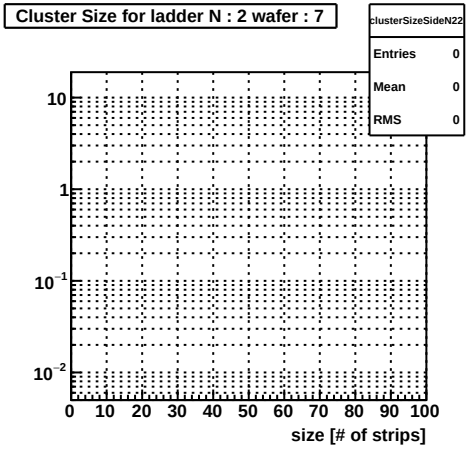

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

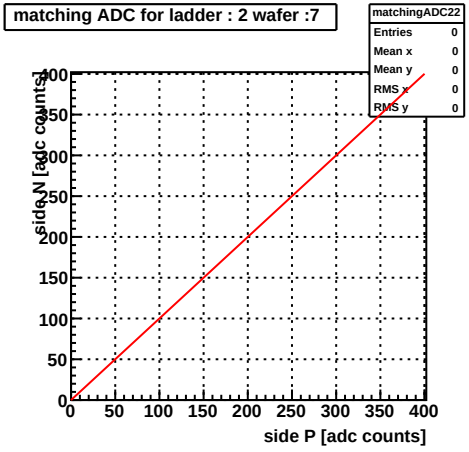

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

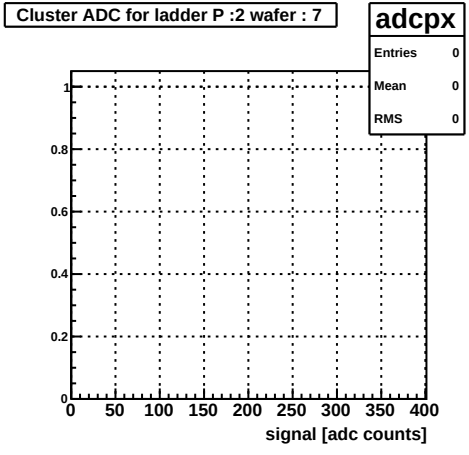

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

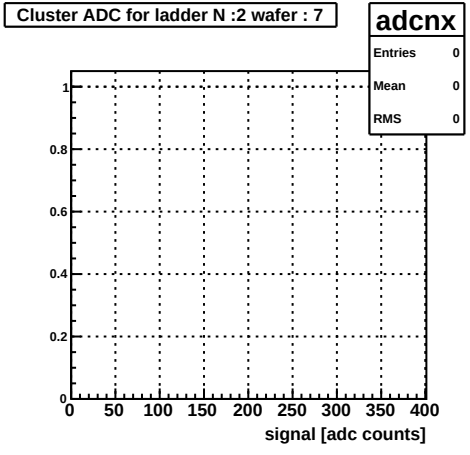

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

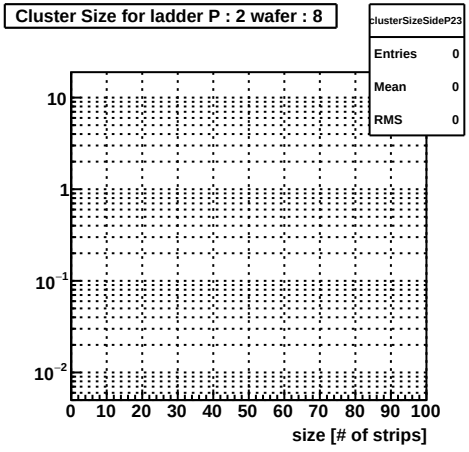

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

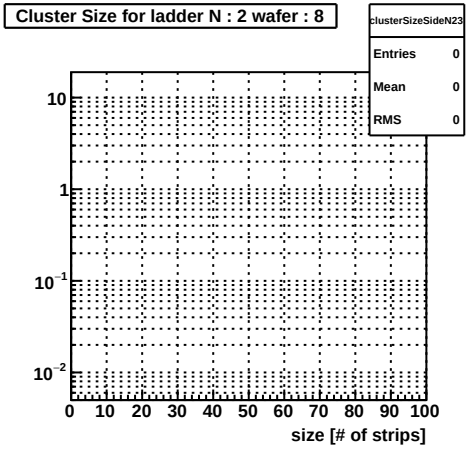

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

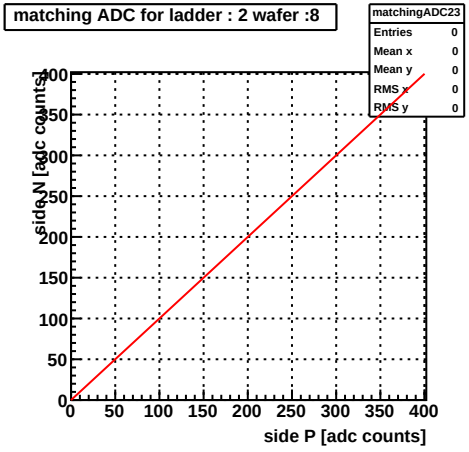

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

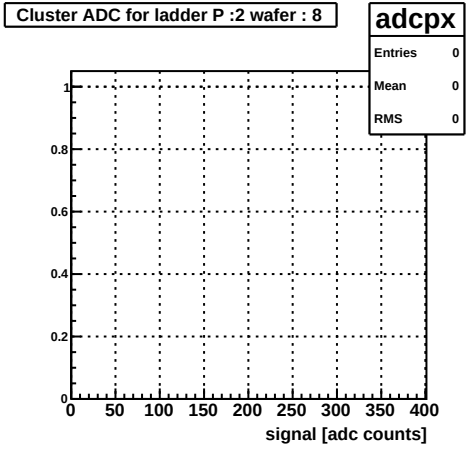

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

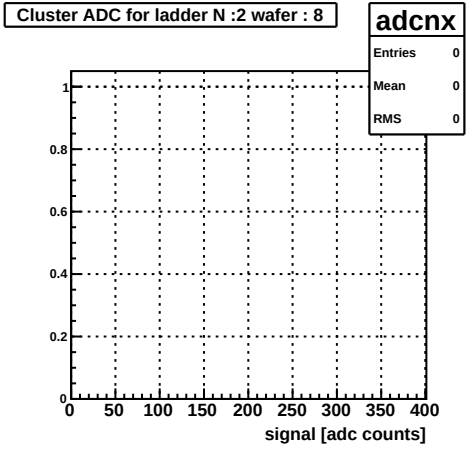

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

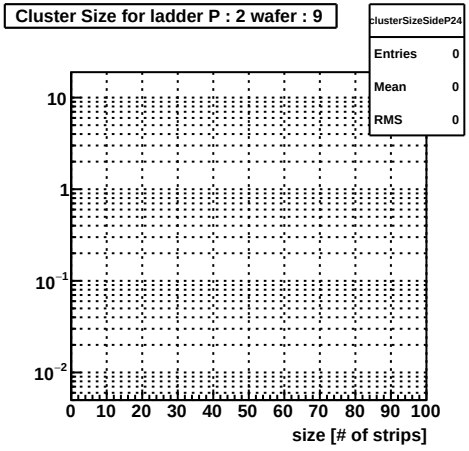

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

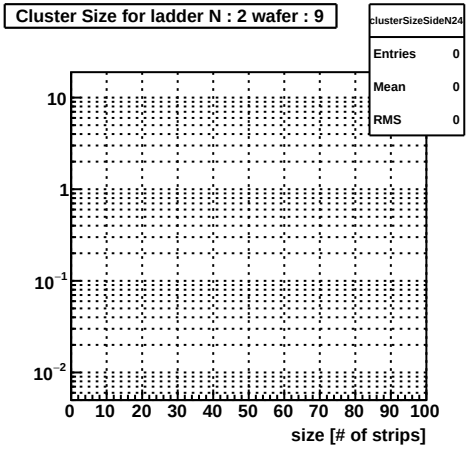

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

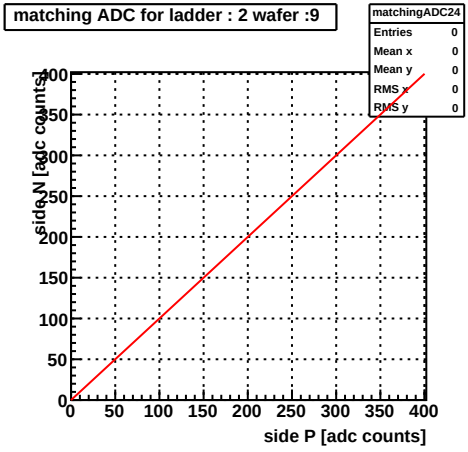

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

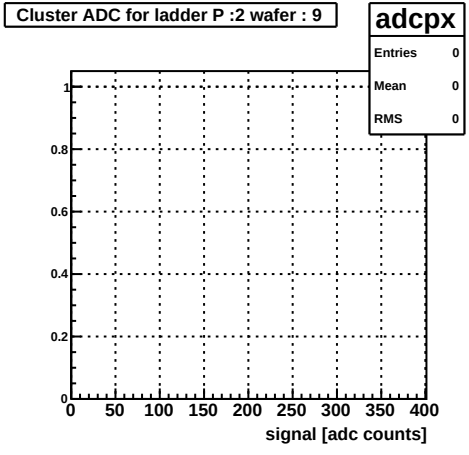

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

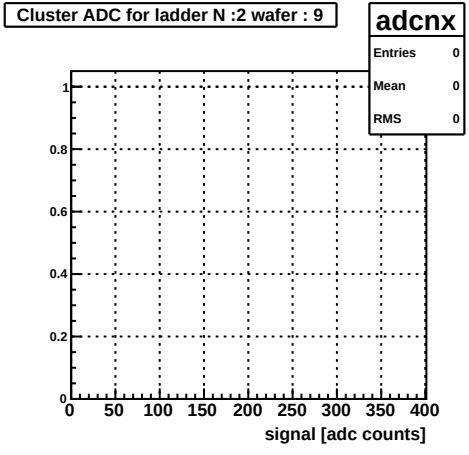

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

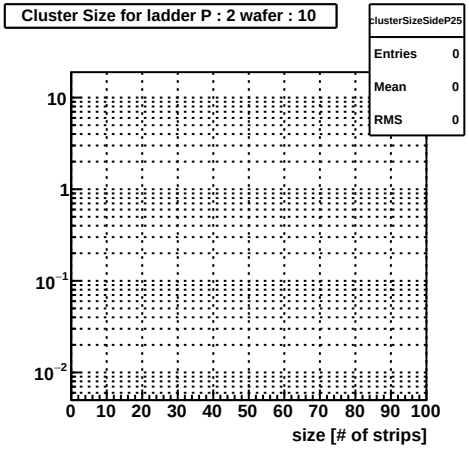

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

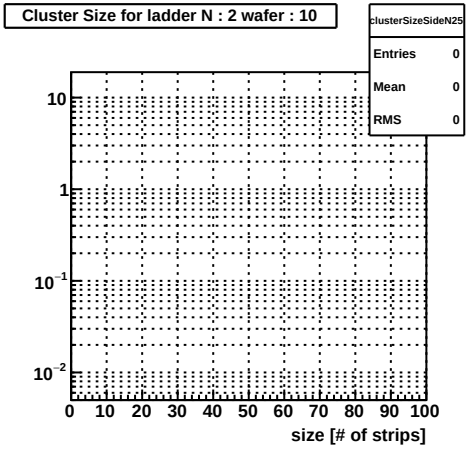

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

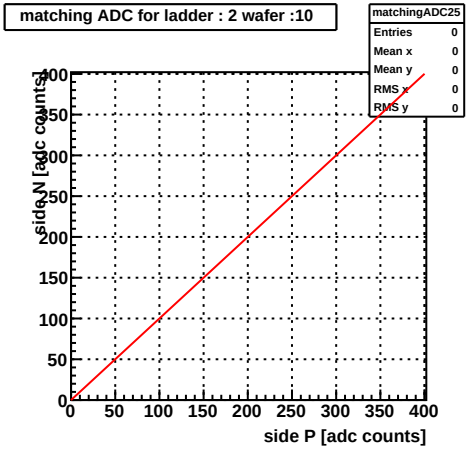

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

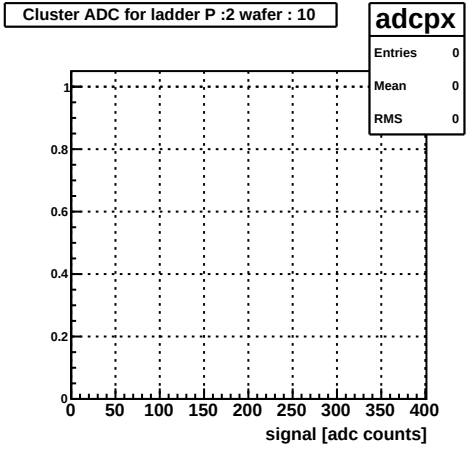

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

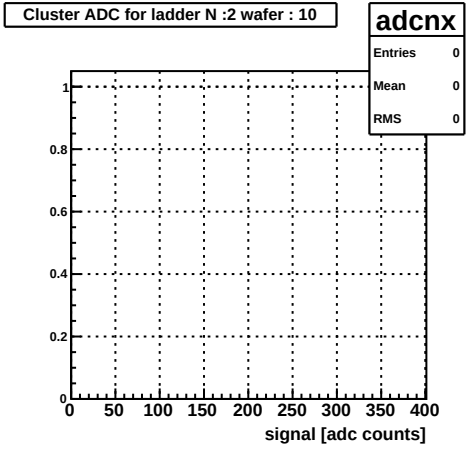

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

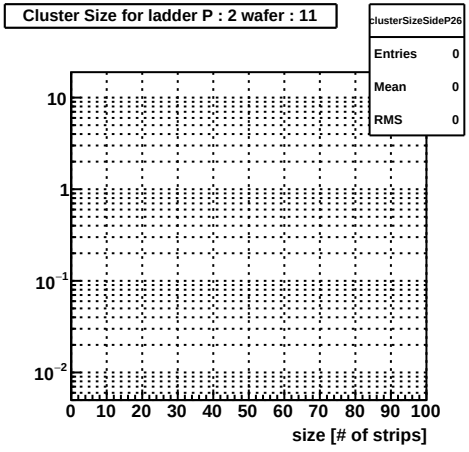

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

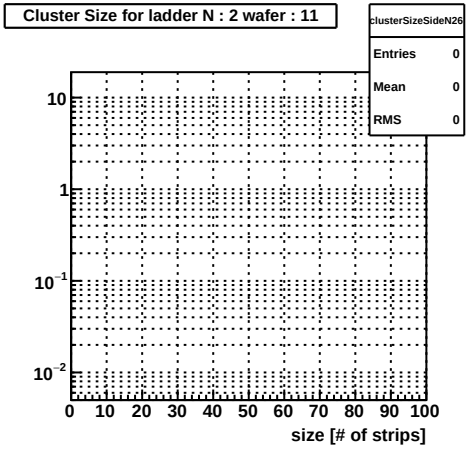

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

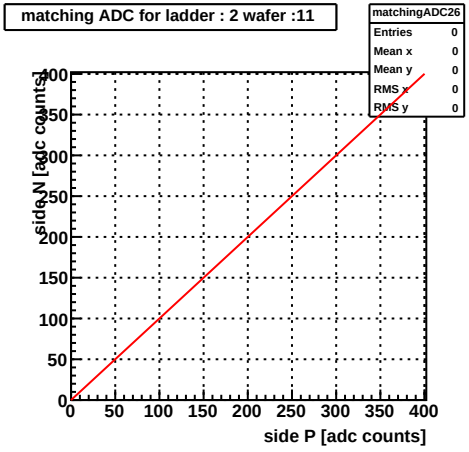

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

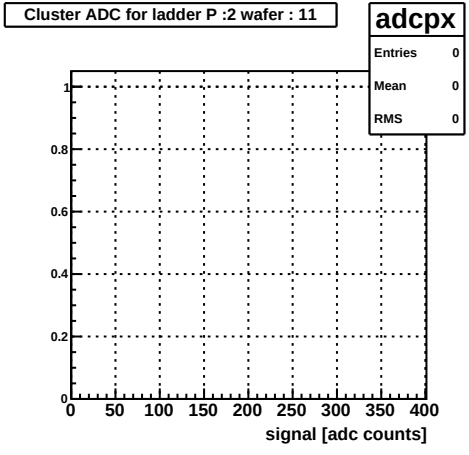

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

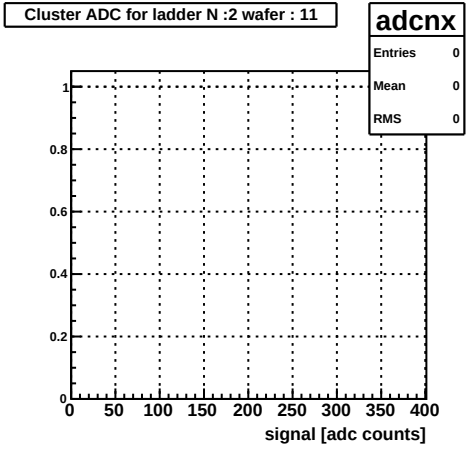

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

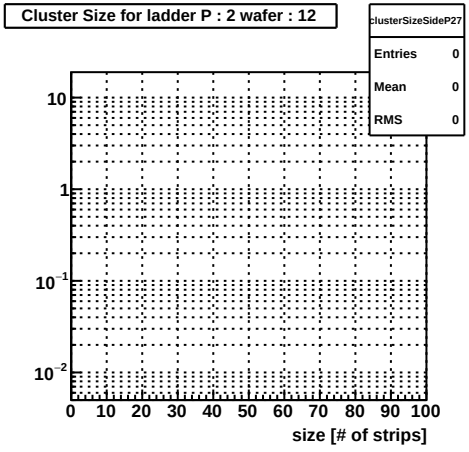

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

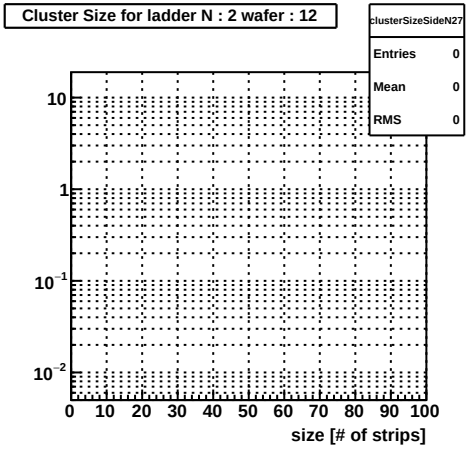

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

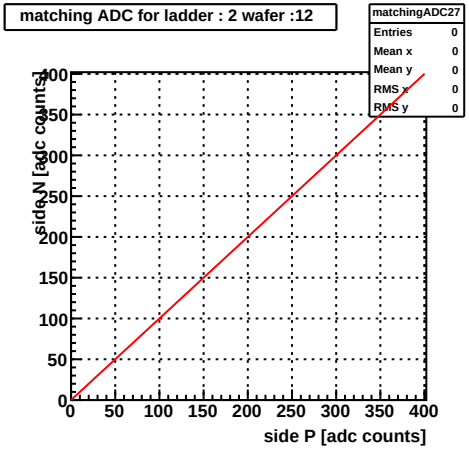

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

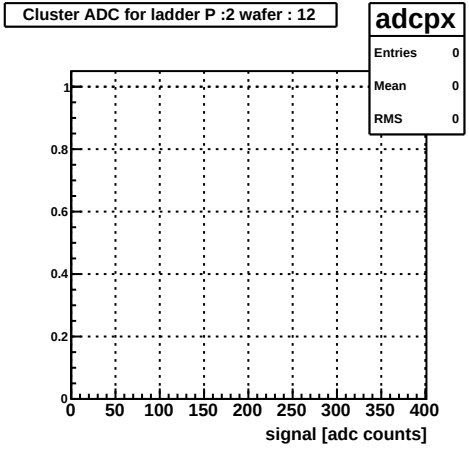

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

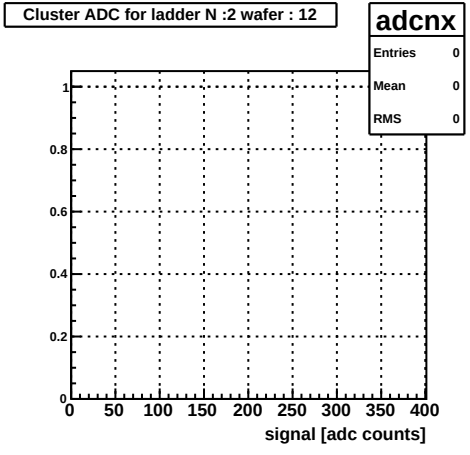

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

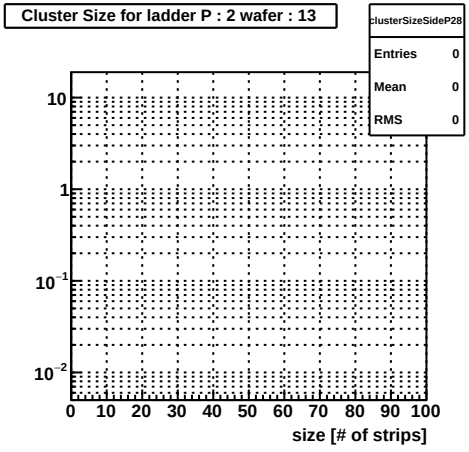

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

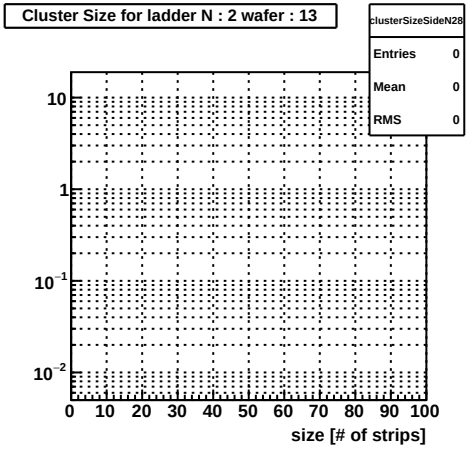

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

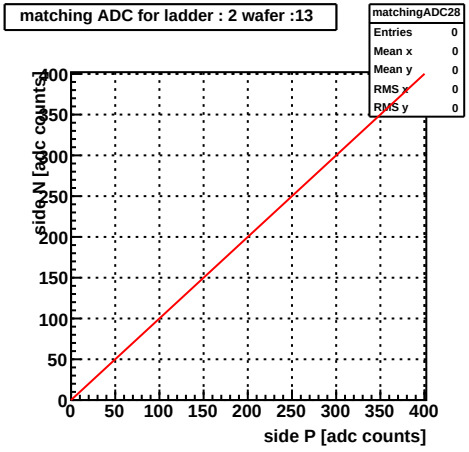

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

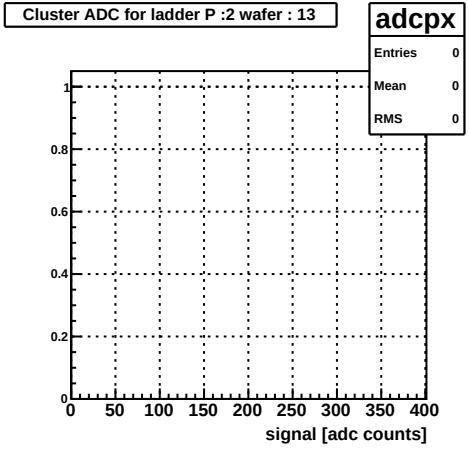

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

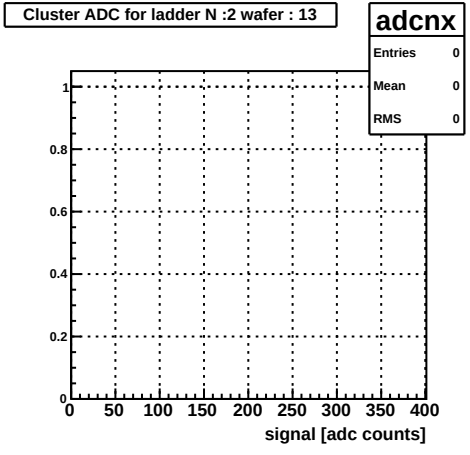

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

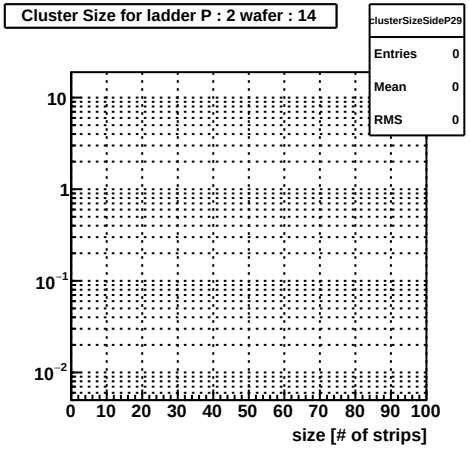

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

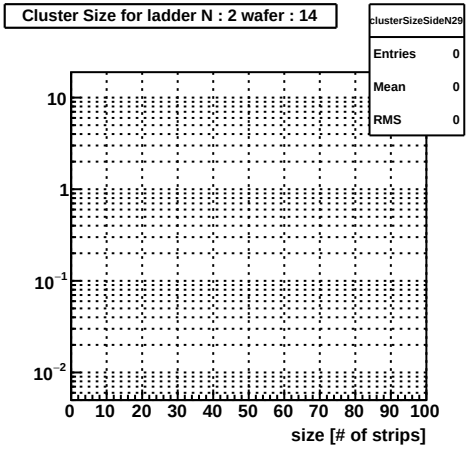

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

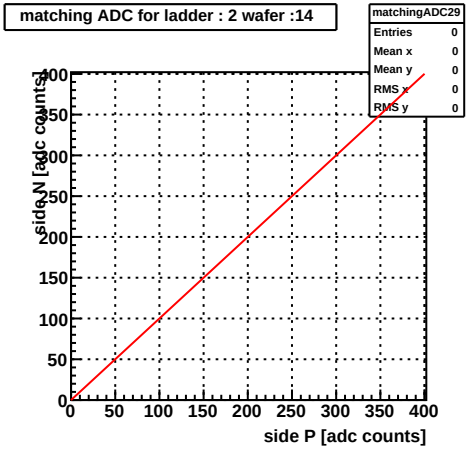

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

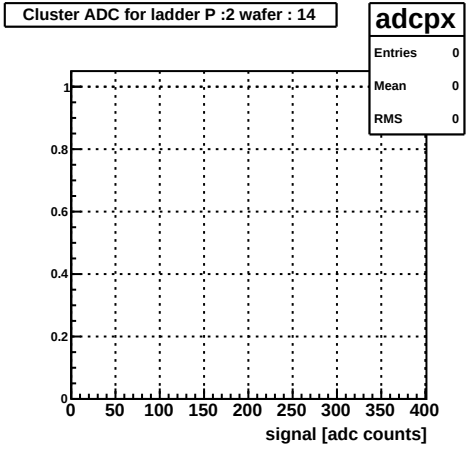

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

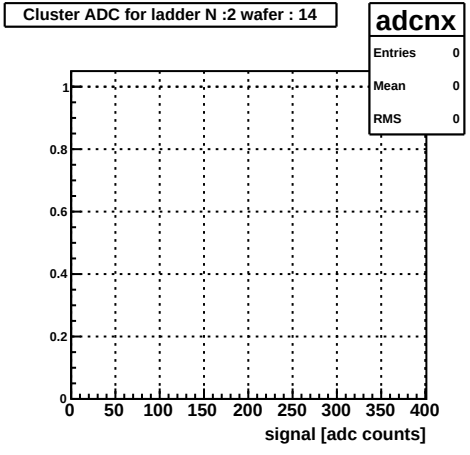

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

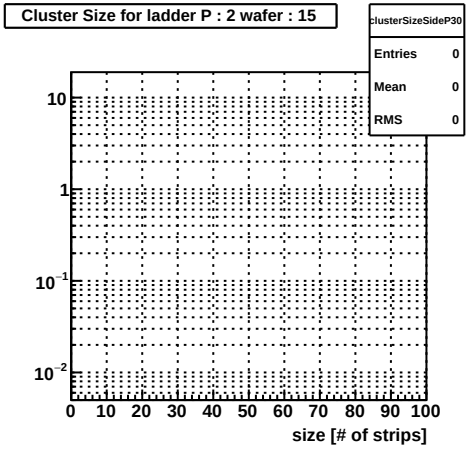

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

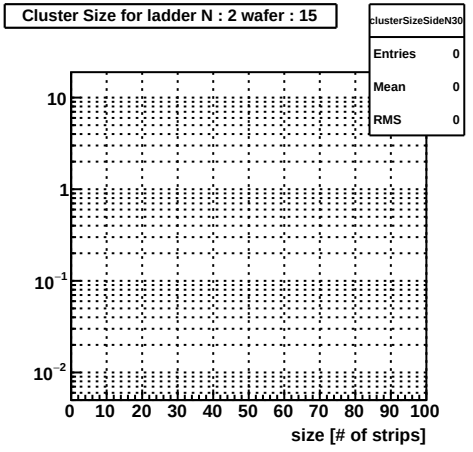

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

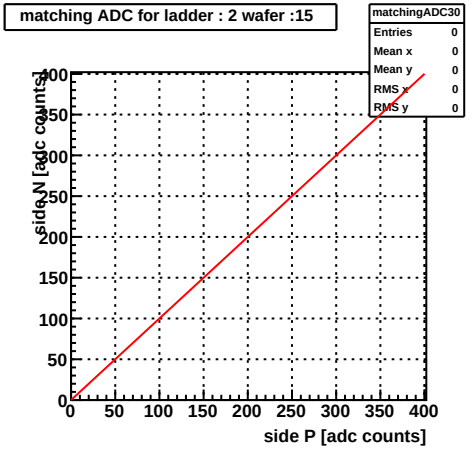

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

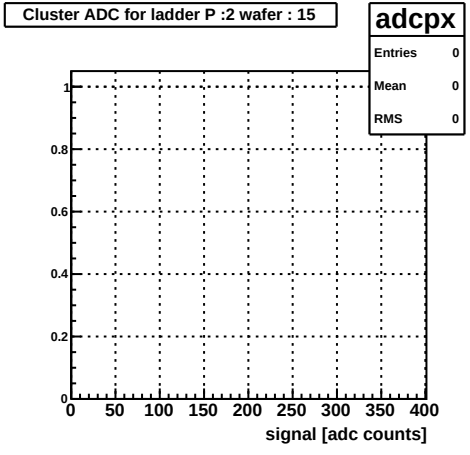

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

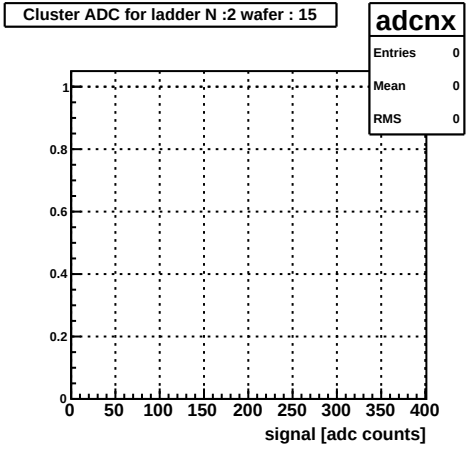

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

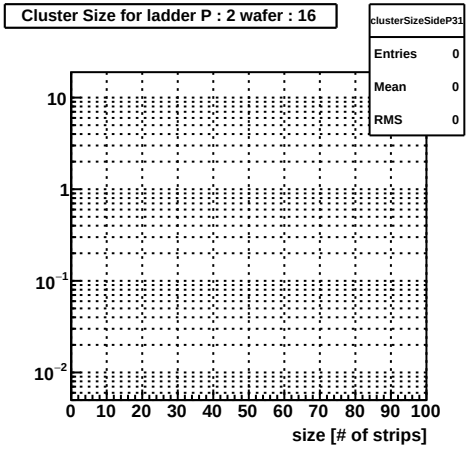

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

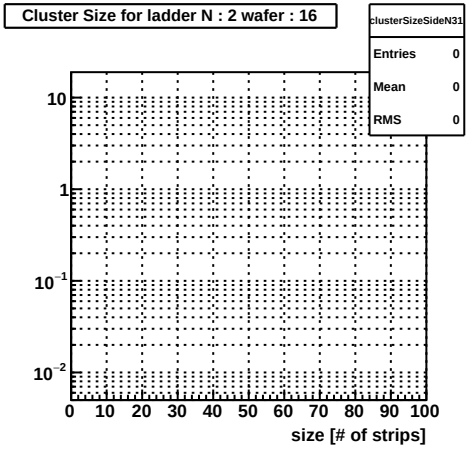

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

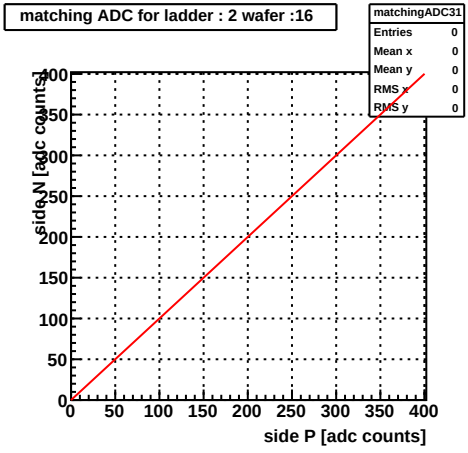

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

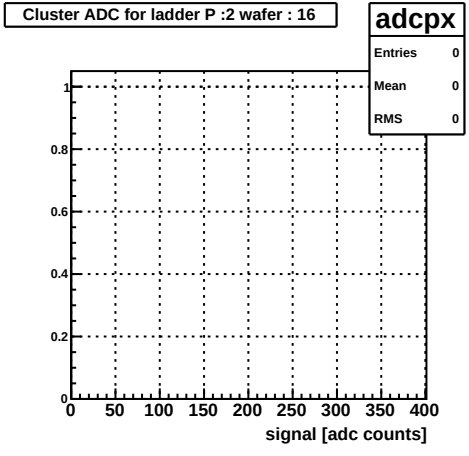

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

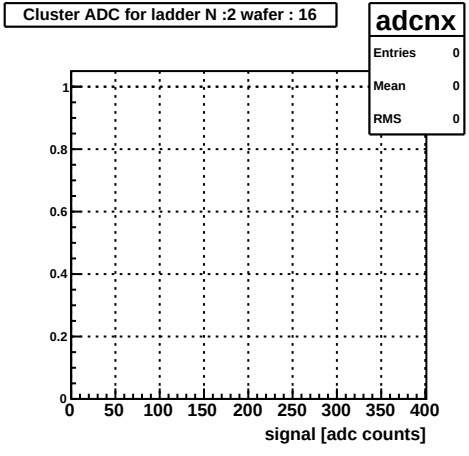

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

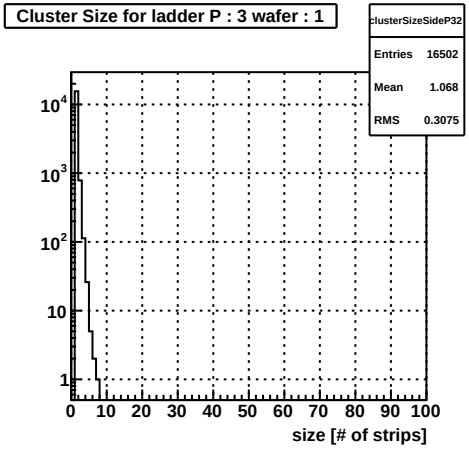

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

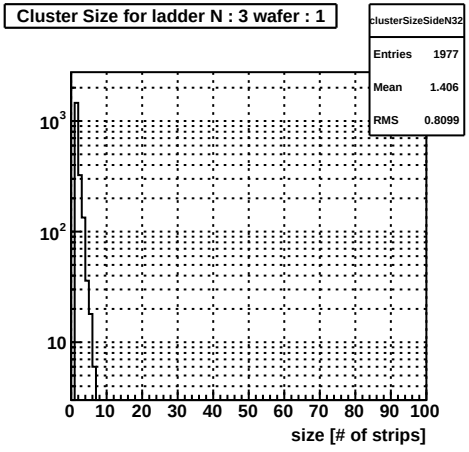

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

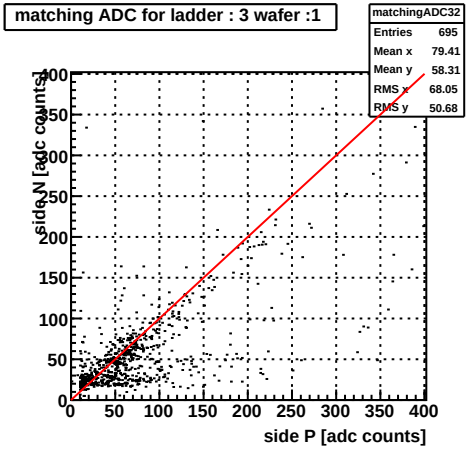

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

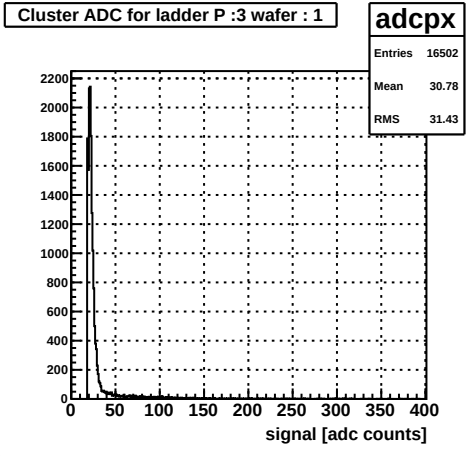

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

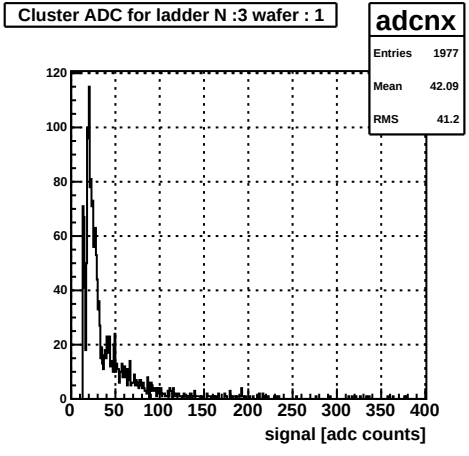

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

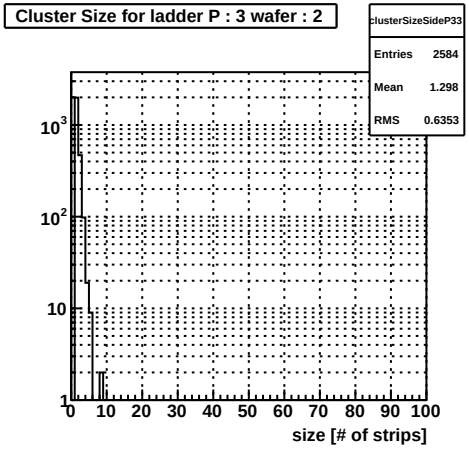

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 16502
Mean 1.068
RMS 0.3075
size [# of strips]

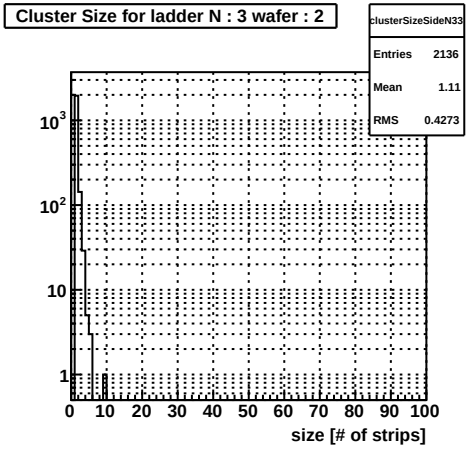

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1977
Mean 1.406
RMS 0.8099
size [# of strips]

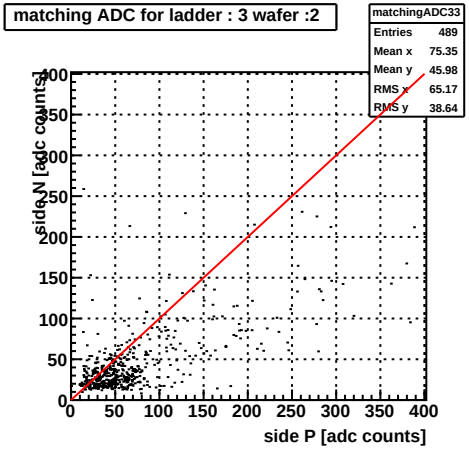

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 695
Mean x 79.41
Mean y 58.31
RMS x 68.05
RMS y 50.68
side N [adc counts]
side P [adc counts]

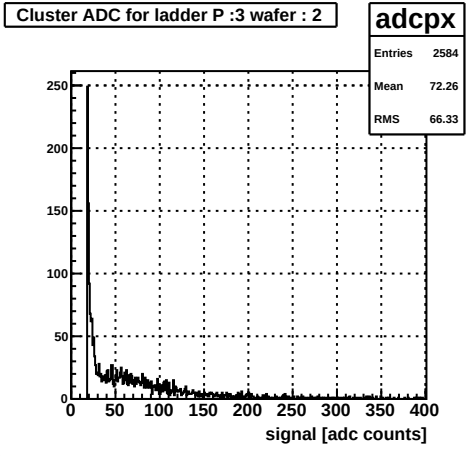

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 16502
Mean 30.78
RMS 31.43
signal [adc counts]

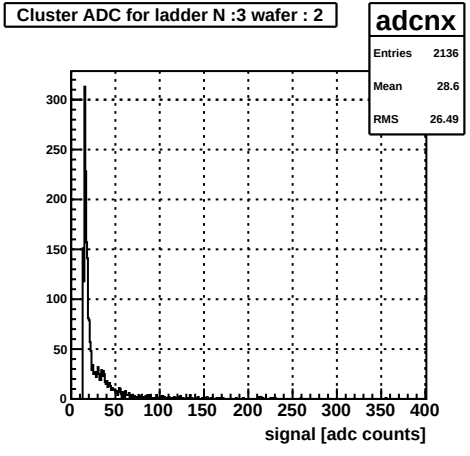

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1977
Mean 42.09
RMS 41.2
signal [adc counts]

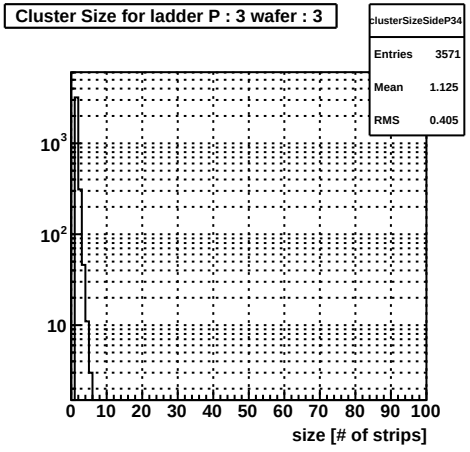

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2584
Mean 1.298
RMS 0.6353
size [# of strips]

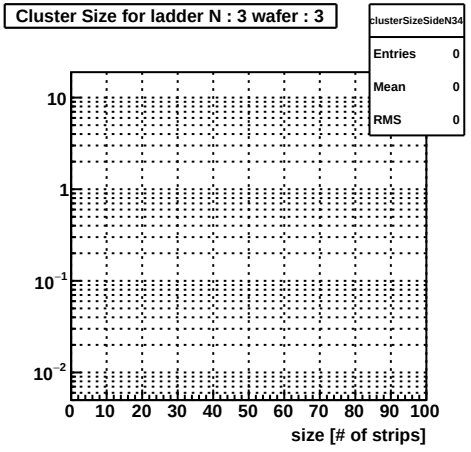

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2136
Mean 1.11
RMS 0.4273
size [# of strips]

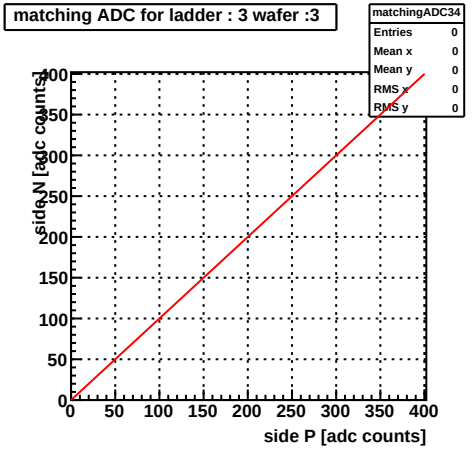

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 489
Mean x 75.35
Mean y 45.98
RMS x 65.17
RMS y 38.64
side N [adc counts]
side P [adc counts]

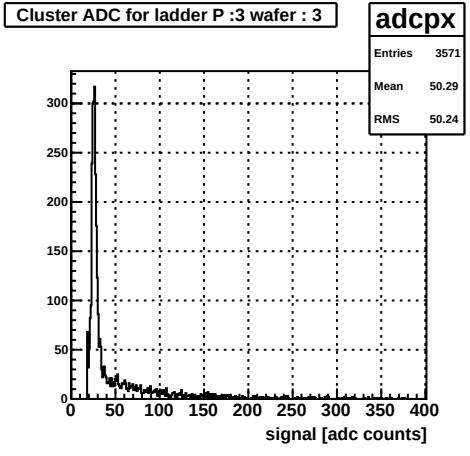

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2584
Mean 72.26
RMS 66.33
signal [adc counts]

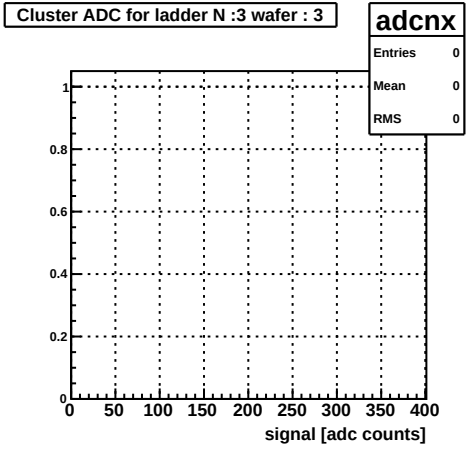

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2136
Mean 28.6
RMS 26.49
signal [adc counts]

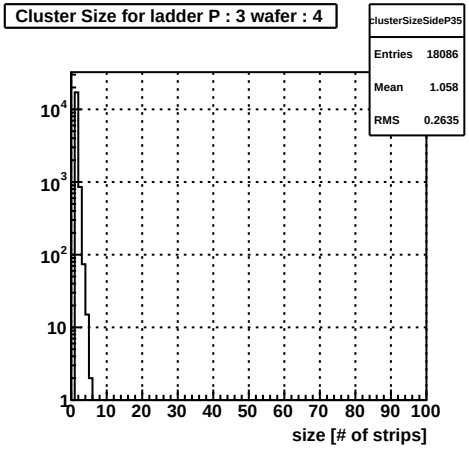

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3571
Mean 1.125
RMS 0.405
size [# of strips]

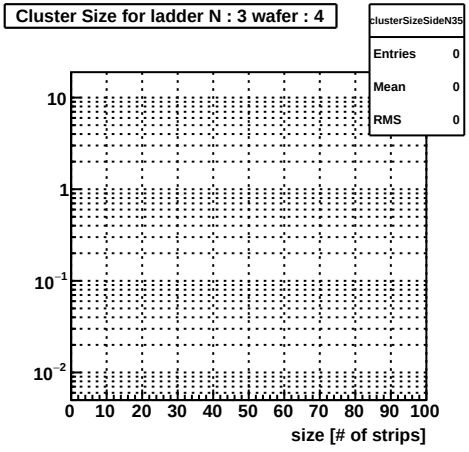

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

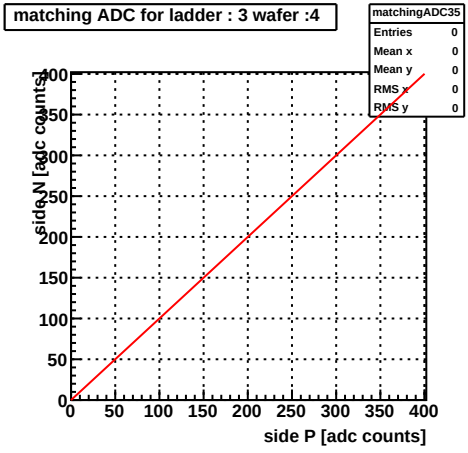

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

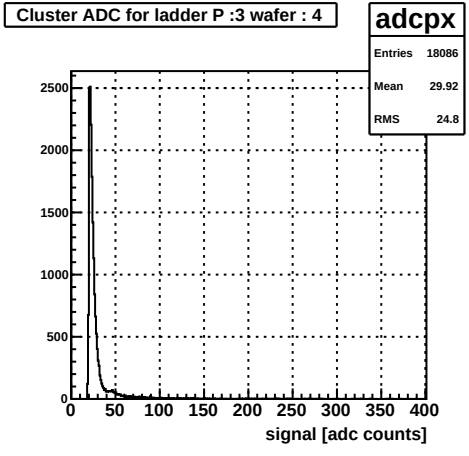

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3571
Mean 50.29
RMS 50.24
signal [adc counts]

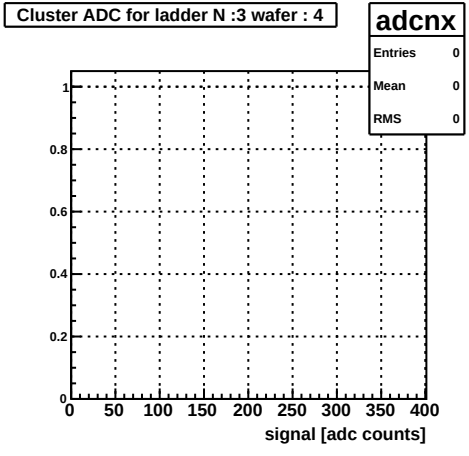

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

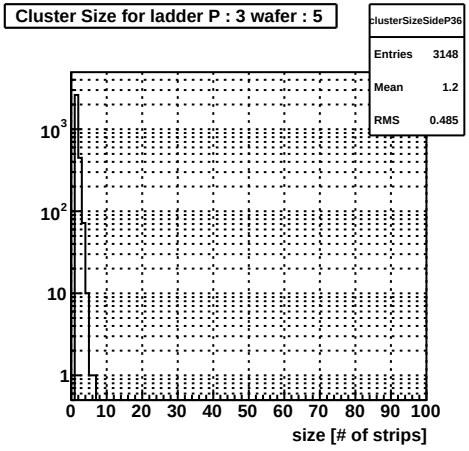

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 18086
Mean 1.058
RMS 0.2635
size [# of strips]

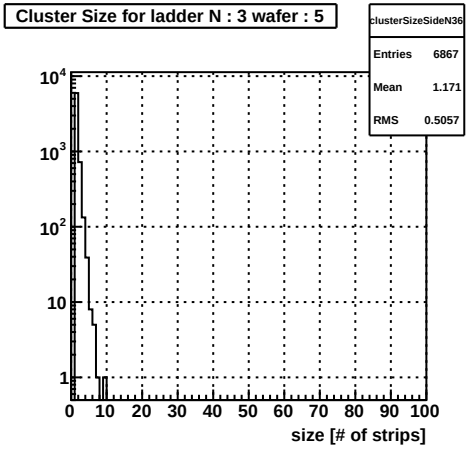

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

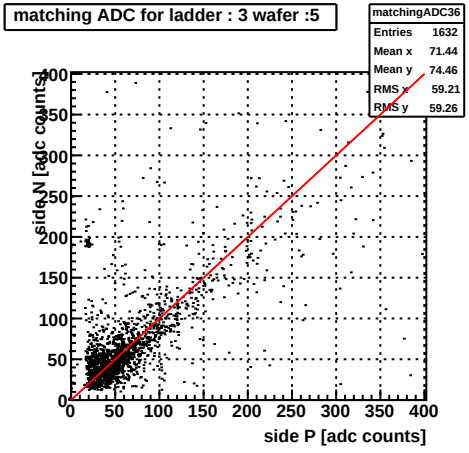

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

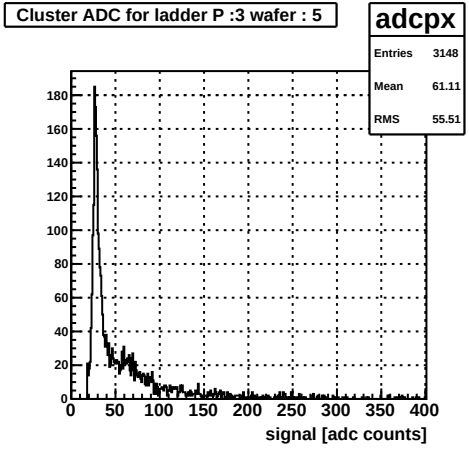

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 18086
Mean 29.92
RMS 24.8
signal [adc counts]

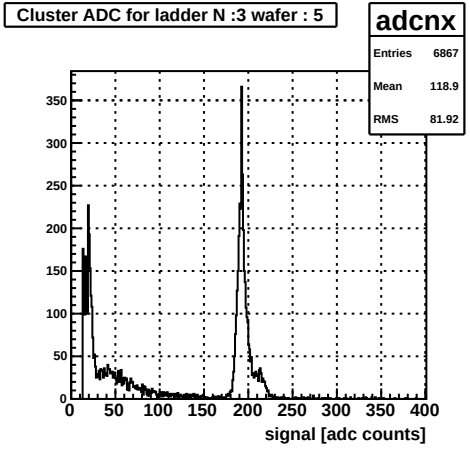

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

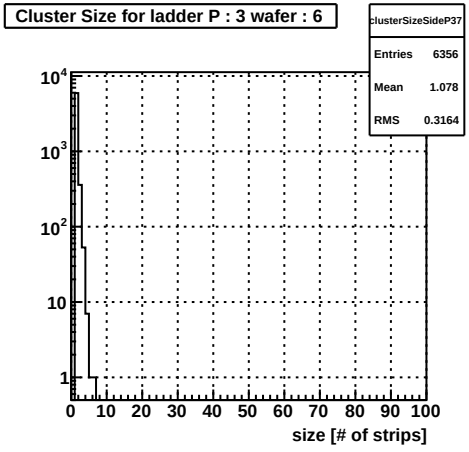

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3148
Mean 1.2
RMS 0.485
size [# of strips]

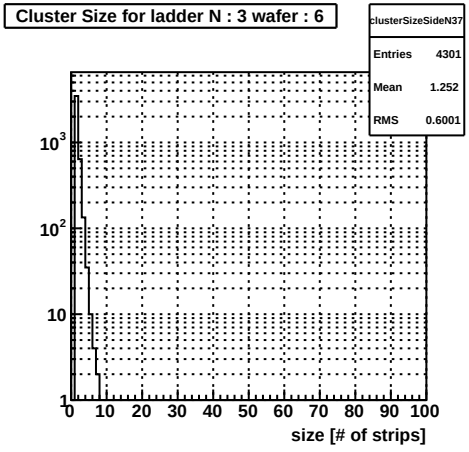

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6867
Mean 1.171
RMS 0.5057
size [# of strips]

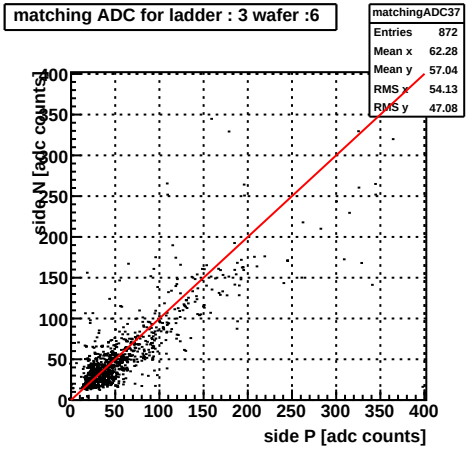

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1632
Mean x 71.44
Mean y 74.46
RMS x 59.21
RMS y 59.26
side N [adc counts]
side P [adc counts]

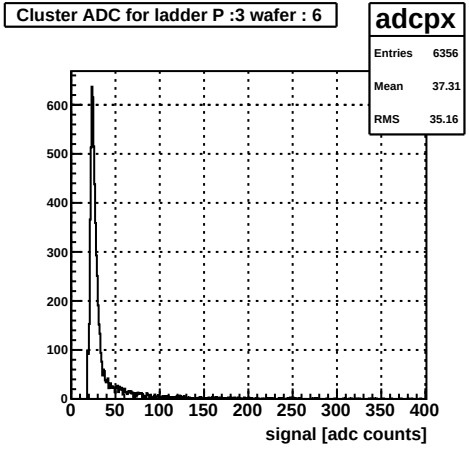

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3148
Mean 61.11
RMS 55.51
signal [adc counts]

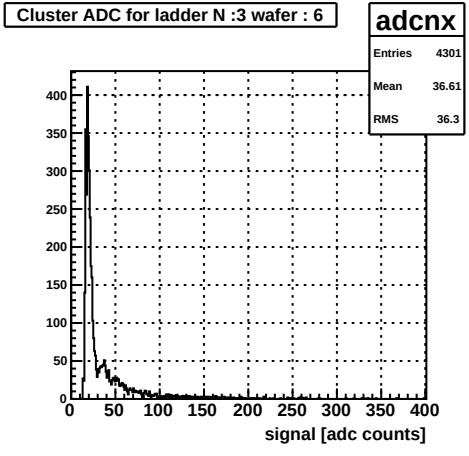

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6867
Mean 118.9
RMS 81.92
signal [adc counts]

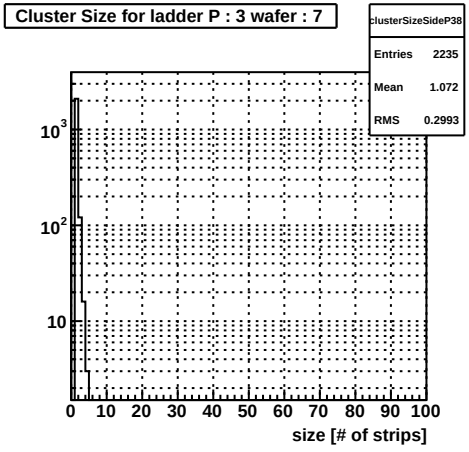

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 6356
Mean 1.078
RMS 0.3164
size [# of strips]

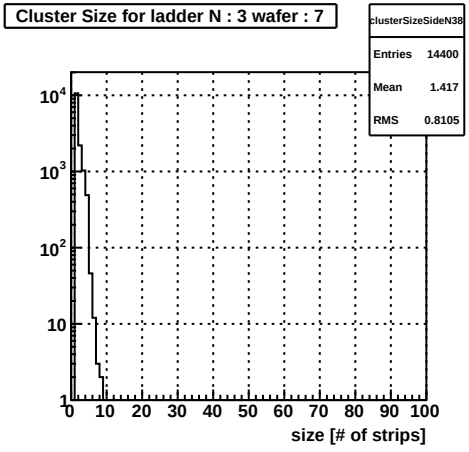

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4301
Mean 1.252
RMS 0.6001
size [# of strips]

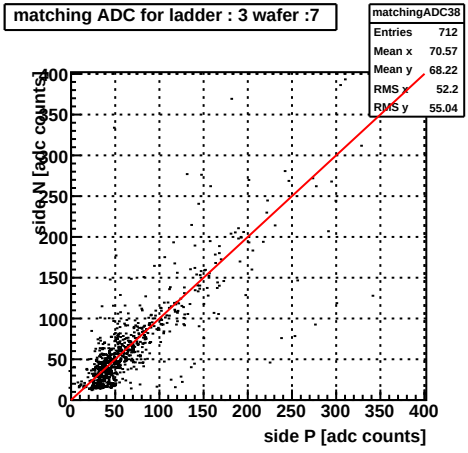

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 872
Mean x 62.28
Mean y 57.04
RMS x 54.13
RMS y 47.08
side N [adc counts]
side P [adc counts]

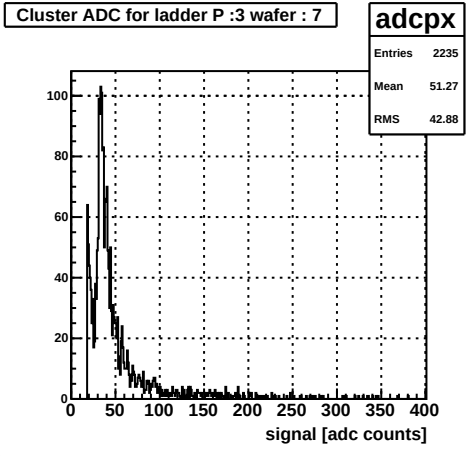

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 6356
Mean 37.31
RMS 35.16
signal [adc counts]

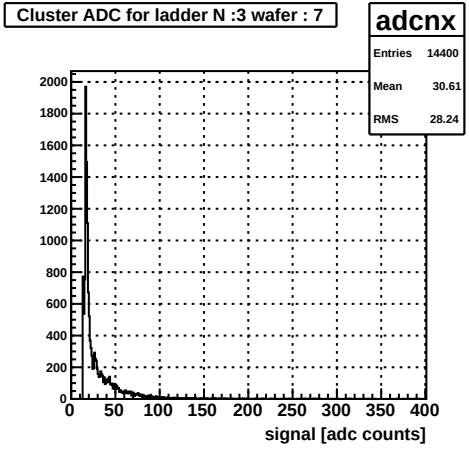

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4301
Mean 36.61
RMS 36.3
signal [adc counts]

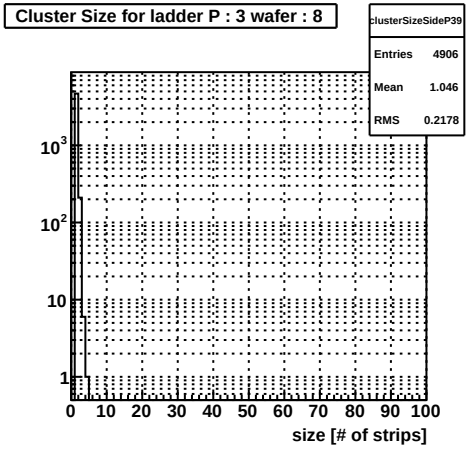

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2235
Mean 1.072
RMS 0.2993
size [# of strips]

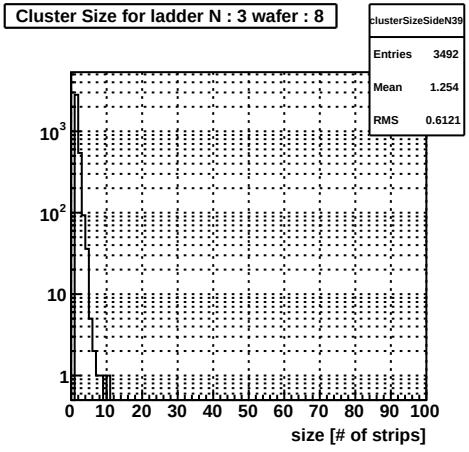

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 14400
Mean 1.417
RMS 0.8105
size [# of strips]

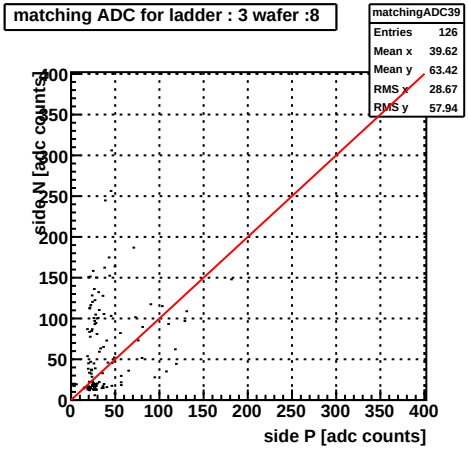

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 712
Mean x 70.57
Mean y 68.22
RMS x 52.2
RMS y 55.04
side N [adc counts]
side P [adc counts]

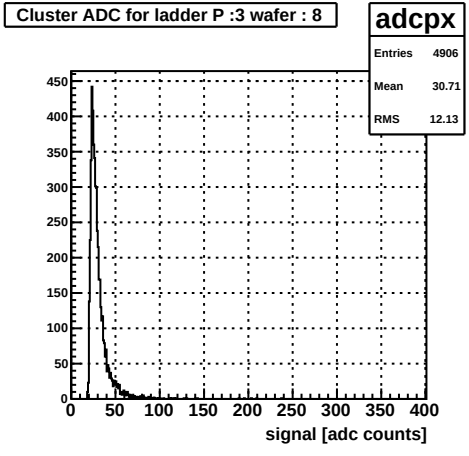

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2235
Mean 51.27
RMS 42.88
signal [adc counts]

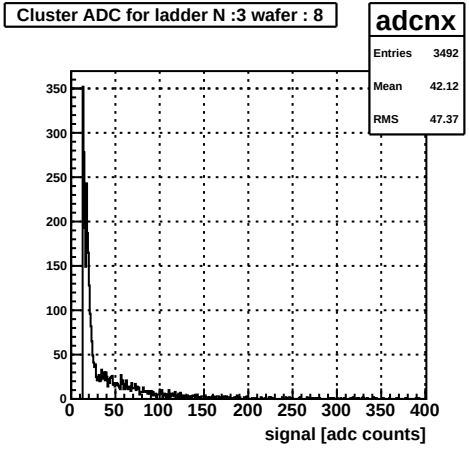

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 14400
Mean 30.61
RMS 28.24
signal [adc counts]

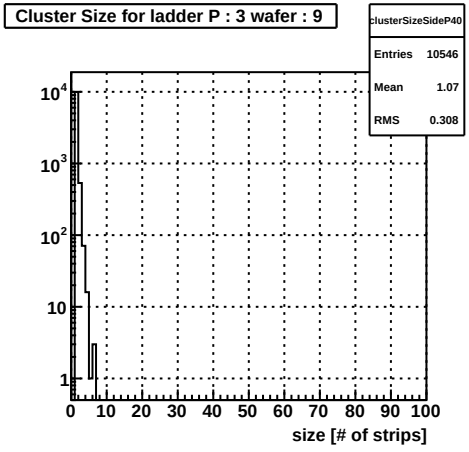

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4906
Mean 1.046
RMS 0.2178
size [# of strips]

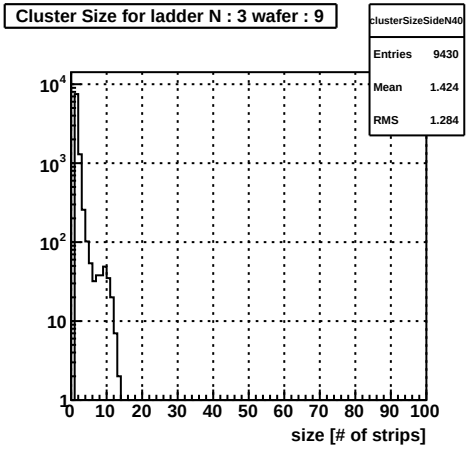

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3492
Mean 1.254
RMS 0.6121
size [# of strips]

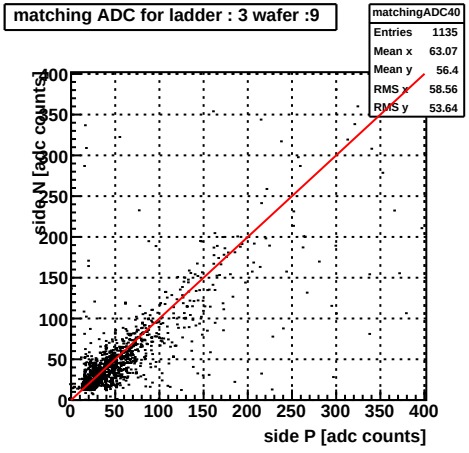

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 126
Mean x 39.62
Mean y 63.42
RMS x 28.67
RMS y 57.94
side N [adc counts]
side P [adc counts]

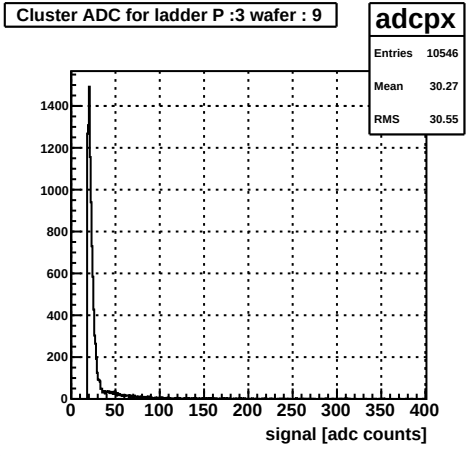

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4906
Mean 30.71
RMS 12.13
signal [adc counts]

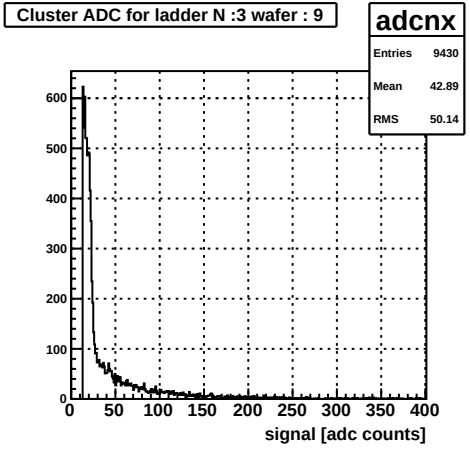

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3492
Mean 42.12
RMS 47.37
signal [adc counts]

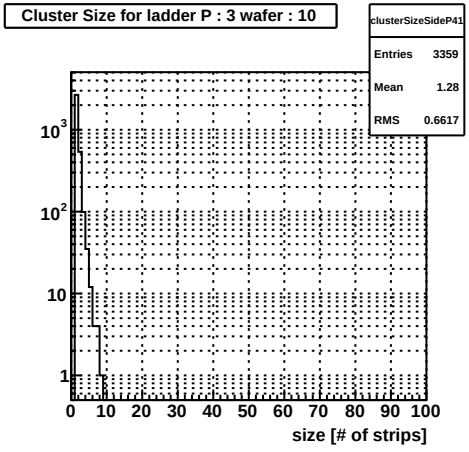

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 10546
Mean 1.07
RMS 0.308
size [# of strips]

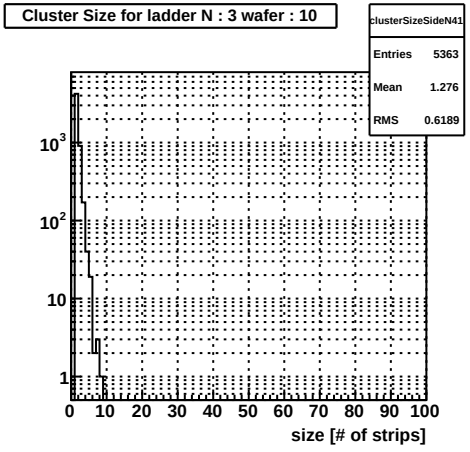

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9430
Mean 1.424
RMS 1.284
size [# of strips]

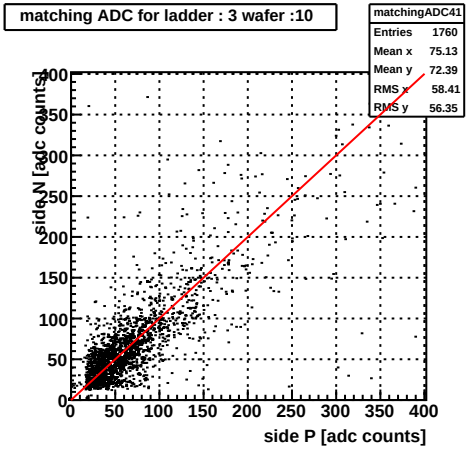

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1135
Mean x 63.07
Mean y 56.4
RMS x 58.56
RMS y 53.64
side N [adc counts]
side P [adc counts]

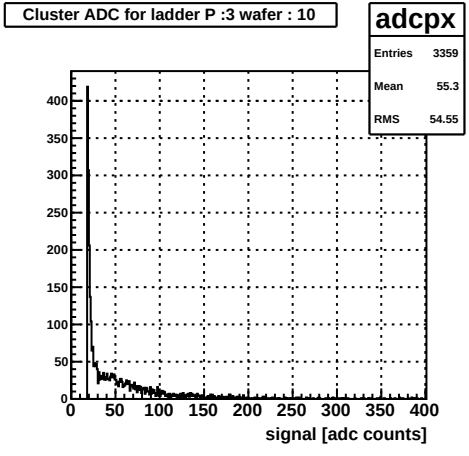

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 10546
Mean 30.27
RMS 30.55
signal [adc counts]

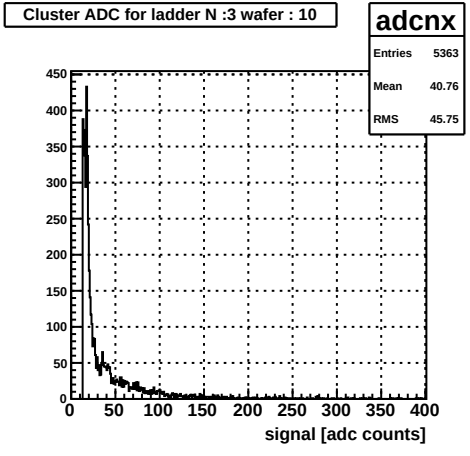

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9430
Mean 42.89
RMS 50.14
signal [adc counts]

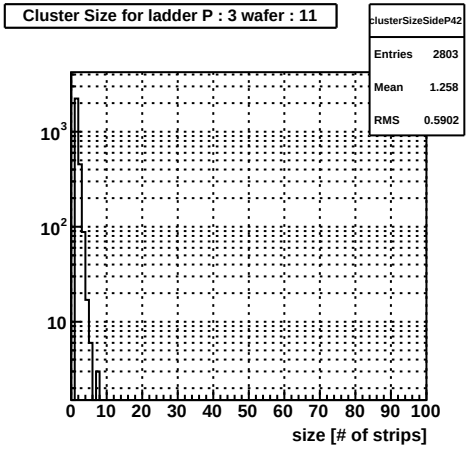

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3359
Mean 1.28
RMS 0.6617
size [# of strips]

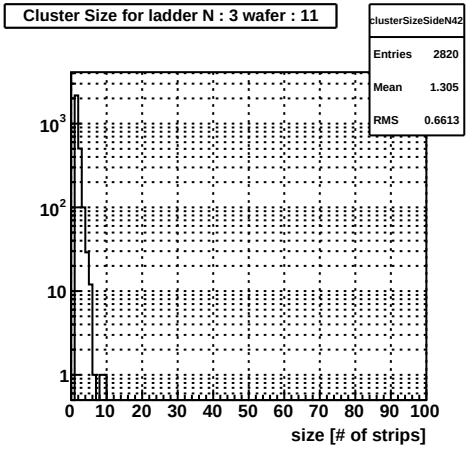

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5363
Mean 1.276
RMS 0.6189
size [# of strips]

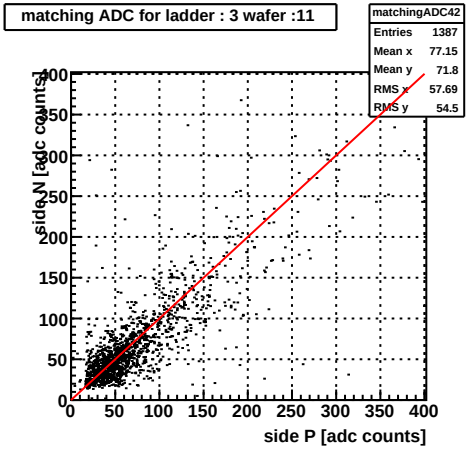

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1760
Mean x 75.13
Mean y 72.39
RMS x 58.41
RMS y 56.35
side N [adc counts]
side P [adc counts]

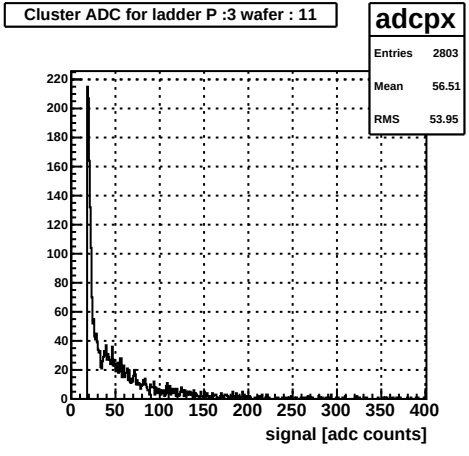

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3359
Mean 55.3
RMS 54.55
signal [adc counts]

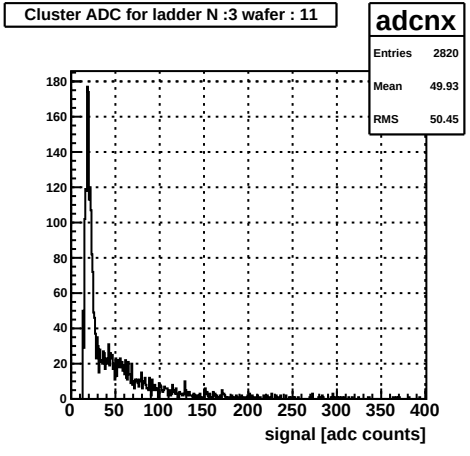

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5363
Mean 40.76
RMS 45.75
signal [adc counts]

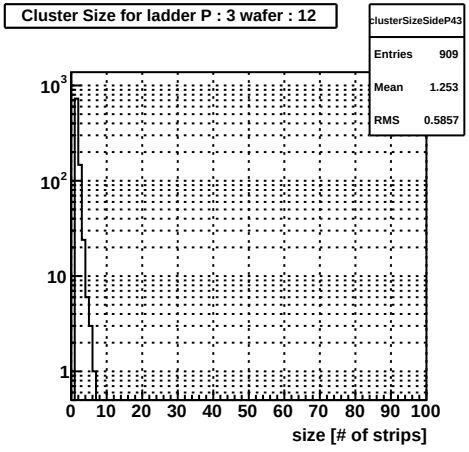

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2803
Mean 1.258
RMS 0.5902
size [# of strips]

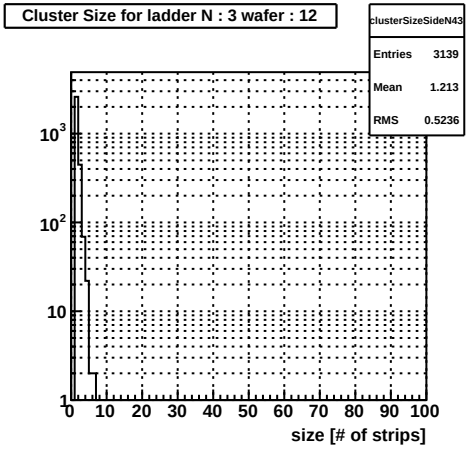

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2820
Mean 1.305
RMS 0.6613
size [# of strips]

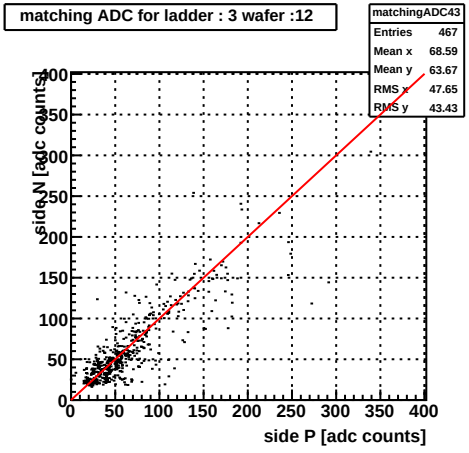

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1387
Mean x 77.15
Mean y 71.8
RMS x 57.69
RMS y 54.5
side N [adc counts]
side P [adc counts]

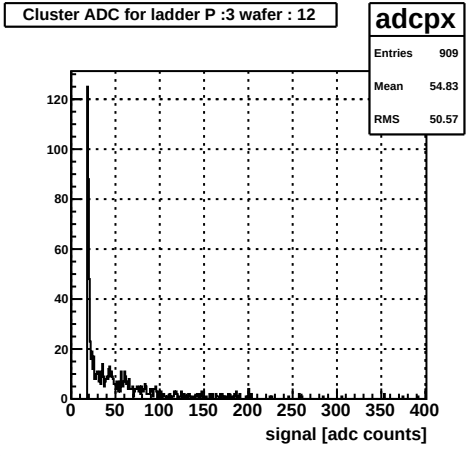

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2803
Mean 56.51
RMS 53.95
signal [adc counts]

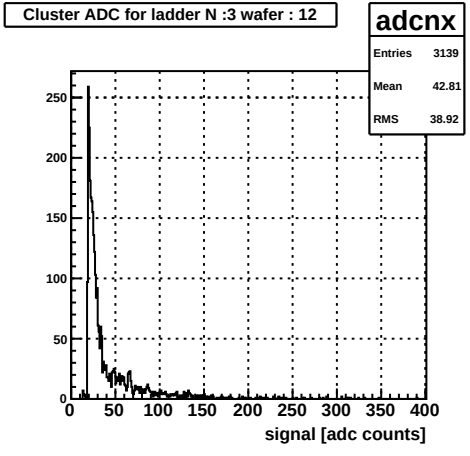

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2820
Mean 49.93
RMS 50.45
signal [adc counts]

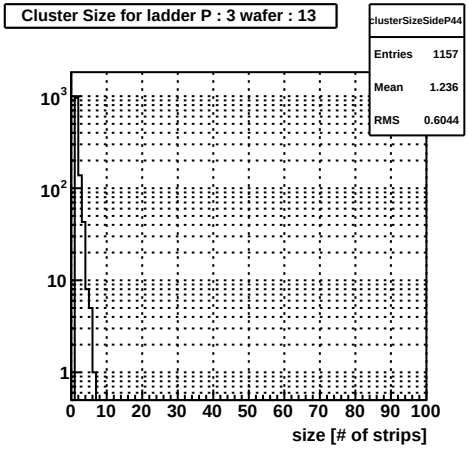

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 909
Mean 1.253
RMS 0.5857
size [# of strips]

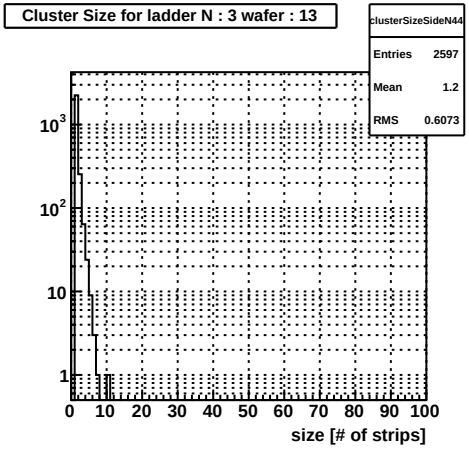

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3139
Mean 1.213
RMS 0.5236
size [# of strips]

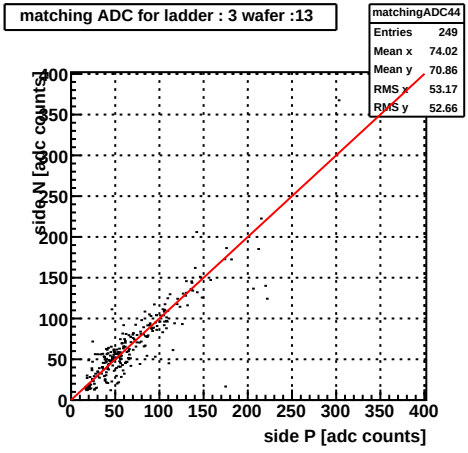

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 467
Mean x 68.59
Mean y 63.67
RMS x 47.65
RMS y 43.43
side N [adc counts]
side P [adc counts]

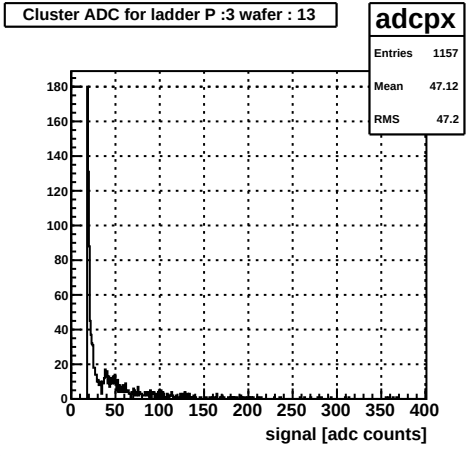

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 909
Mean 54.83
RMS 50.57
signal [adc counts]

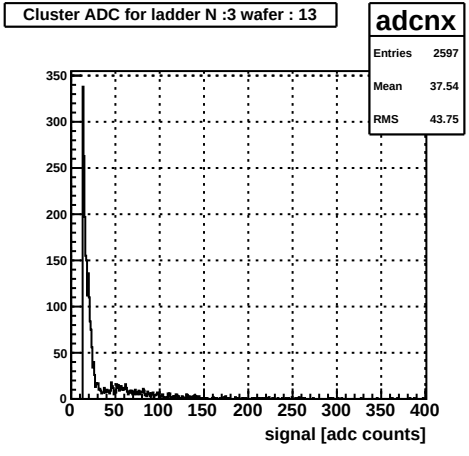

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3139
Mean 42.81
RMS 38.92
signal [adc counts]

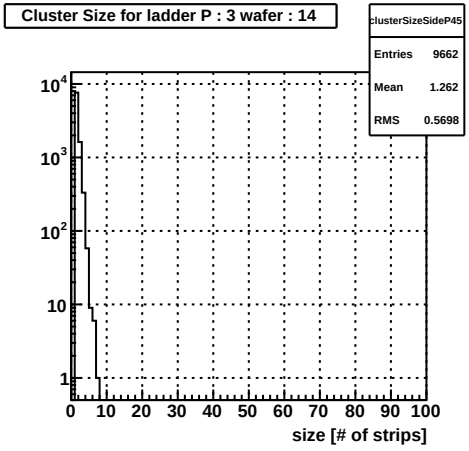

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1157
Mean 1.236
RMS 0.6044
size [# of strips]

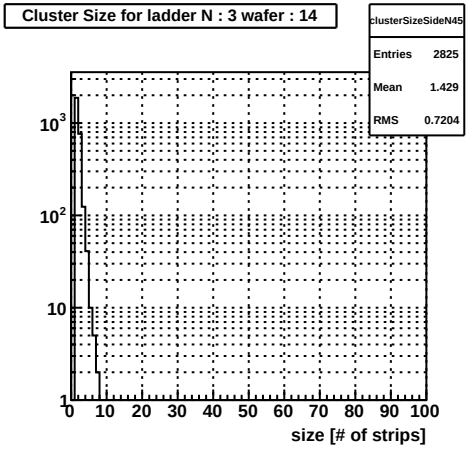

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2597
Mean 1.2
RMS 0.6073
size [# of strips]

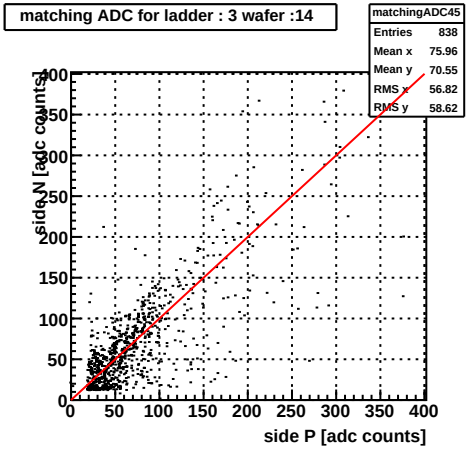

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 249
Mean x 74.02
Mean y 70.86
RMS x 53.17
RMS y 52.66
side N [adc counts]
side P [adc counts]

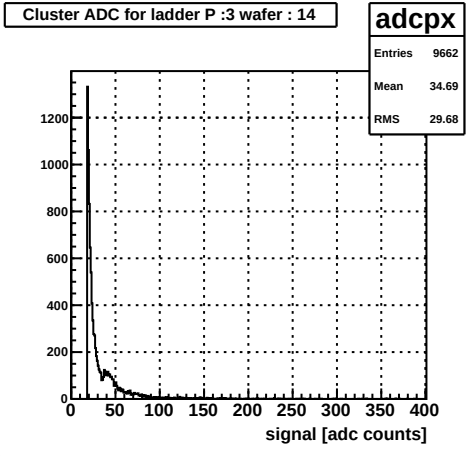

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1157
Mean 47.12
RMS 47.2
signal [adc counts]

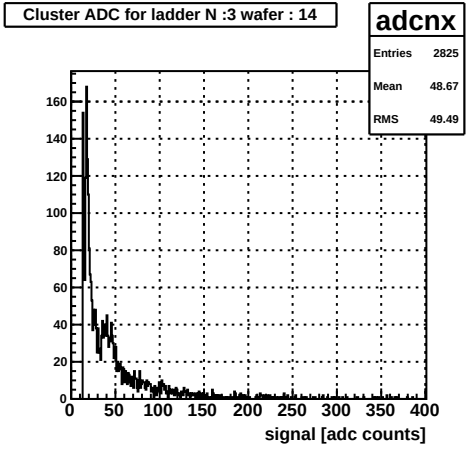

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2597
Mean 37.54
RMS 43.75
signal [adc counts]

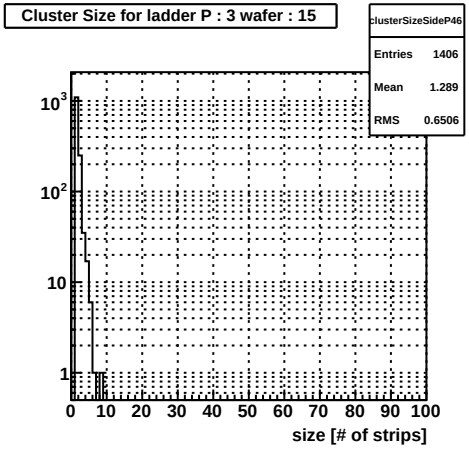

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 9662
Mean 1.262
RMS 0.5698
size [# of strips]

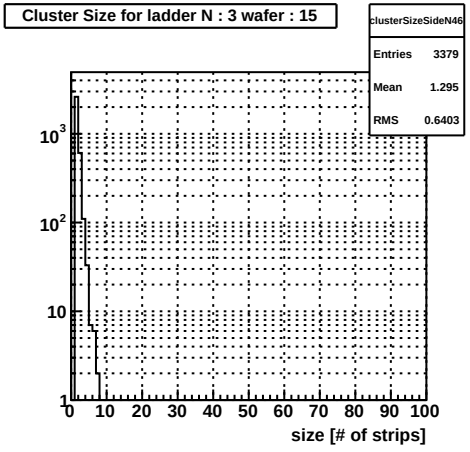

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2825
Mean 1.429
RMS 0.7204
size [# of strips]

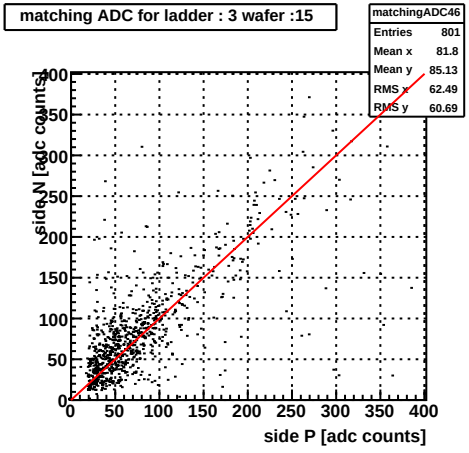

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 838
Mean x 75.96
Mean y 70.55
RMS x 56.82
RMS y 58.62
side N [adc counts]
side P [adc counts]

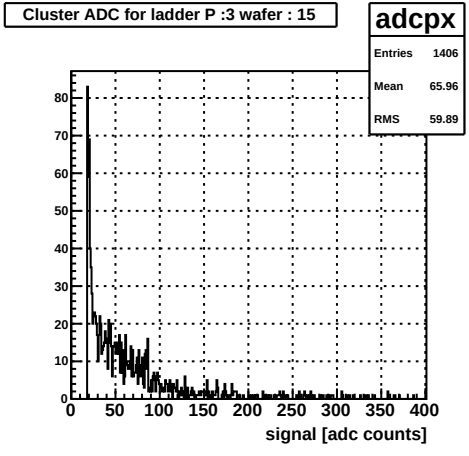

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 9662
Mean 34.69
RMS 29.68
signal [adc counts]

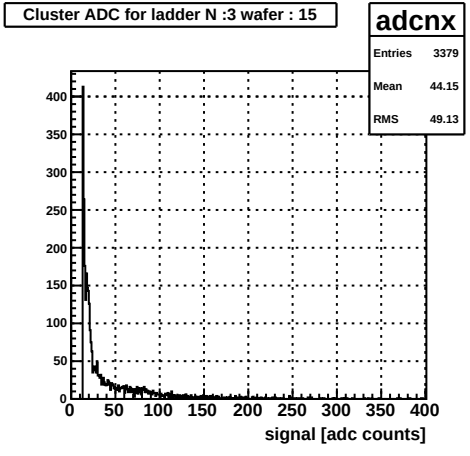

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2825
Mean 48.67
RMS 49.49
signal [adc counts]

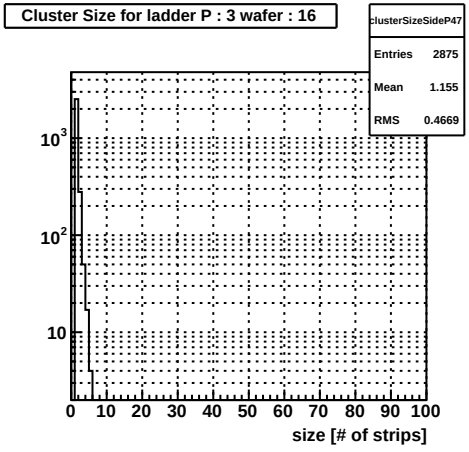

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1406
Mean 1.289
RMS 0.6506
size [# of strips]

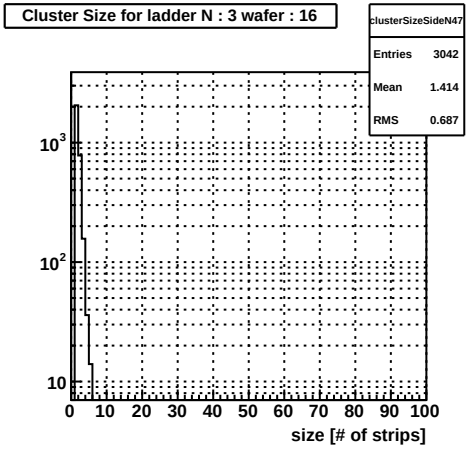

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3379
Mean 1.295
RMS 0.6403
size [# of strips]

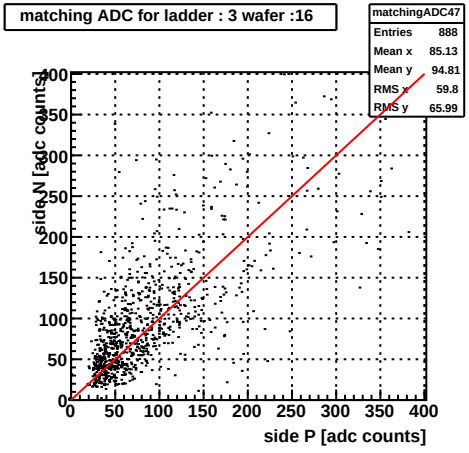

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 801
Mean x 81.8
Mean y 85.13
RMS x 62.49
RMS y 60.69
side N [adc counts]
side P [adc counts]

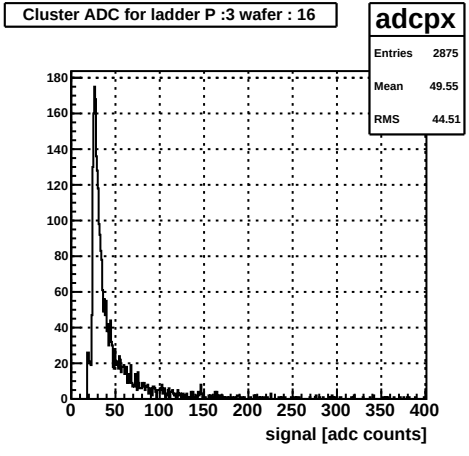

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1406
Mean 65.96
RMS 59.89
signal [adc counts]

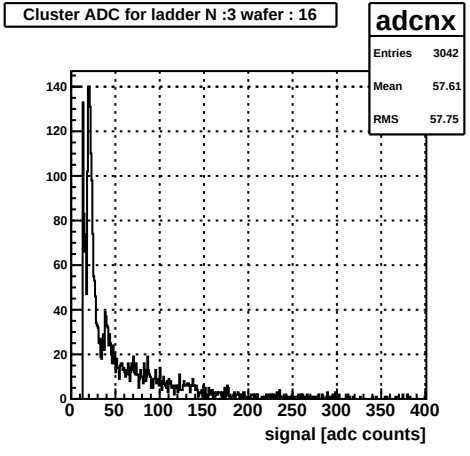

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3379
Mean 44.15
RMS 49.13
signal [adc counts]

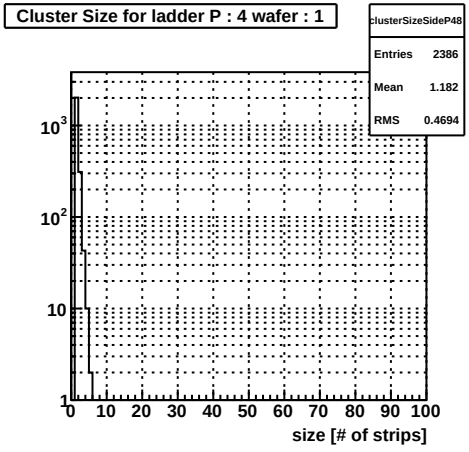

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2875
Mean 1.155
RMS 0.4669
size [# of strips]

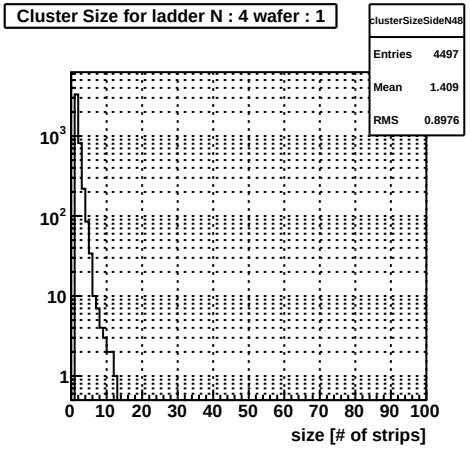

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3042
Mean 1.414
RMS 0.687
size [# of strips]

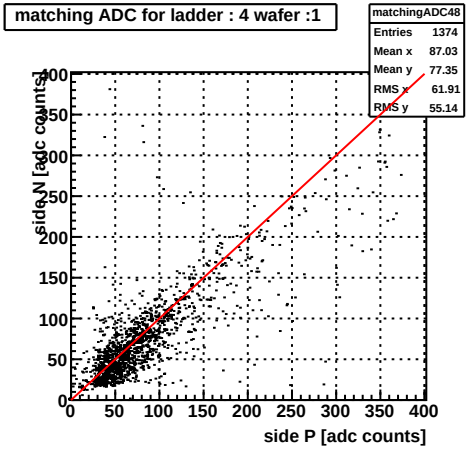

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 888
Mean x 85.13
Mean y 94.81
RMS x 59.8
RMS y 65.99
side N [adc counts]
side P [adc counts]

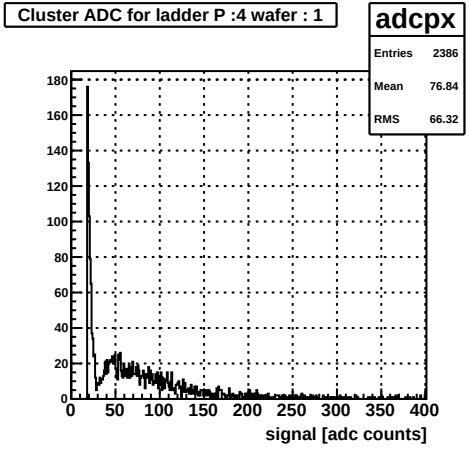

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2875
Mean 49.55
RMS 44.51
signal [adc counts]

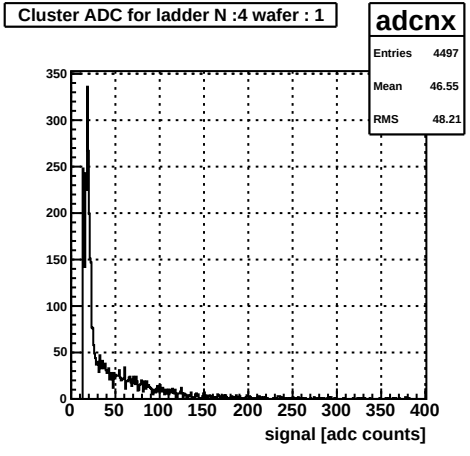

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3042
Mean 57.61
RMS 57.75
signal [adc counts]

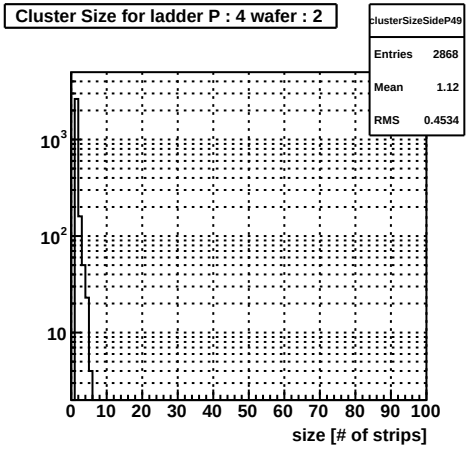

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2386
Mean 1.182
RMS 0.4694
size [# of strips]

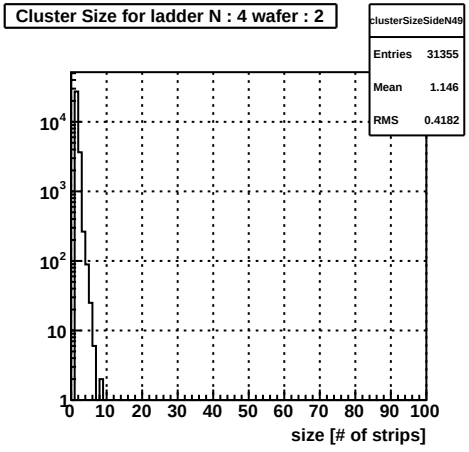

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4497
Mean 1.409
RMS 0.8976
size [# of strips]

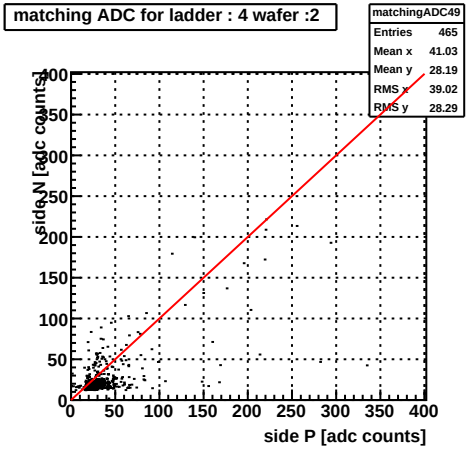

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1374
Mean x 87.03
Mean y 77.35
RMS x 61.91
RMS y 55.14
side N [adc counts]
side P [adc counts]

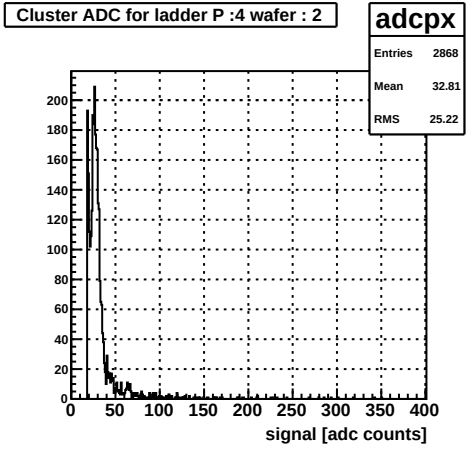

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2386
Mean 76.84
RMS 66.32
signal [adc counts]

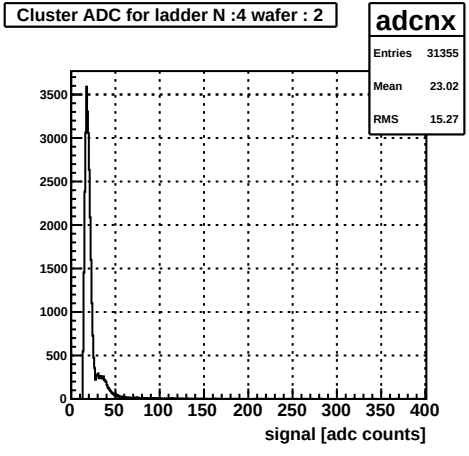

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4497
Mean 46.55
RMS 48.21
signal [adc counts]

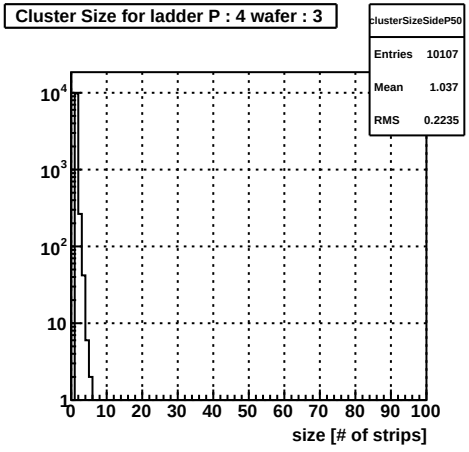

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2868
Mean 1.12
RMS 0.4534
size [# of strips]

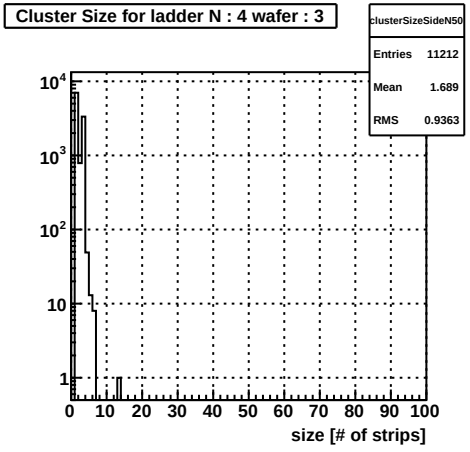

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 31355
Mean 1.146
RMS 0.4182
size [# of strips]

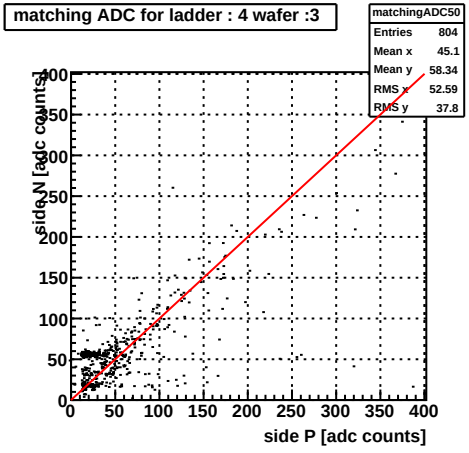

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 465
Mean x 41.03
Mean y 28.19
RMS x 39.02
RMS y 28.29
side N [adc counts]
side P [adc counts]

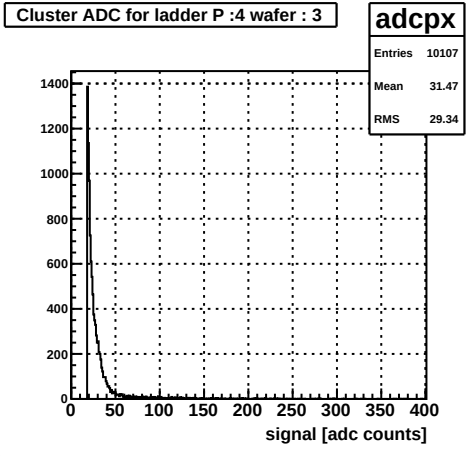

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2868
Mean 32.81
RMS 25.22
signal [adc counts]

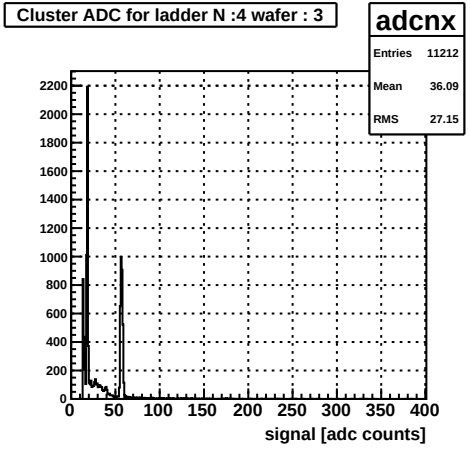

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 31355
Mean 23.02
RMS 15.27
signal [adc counts]

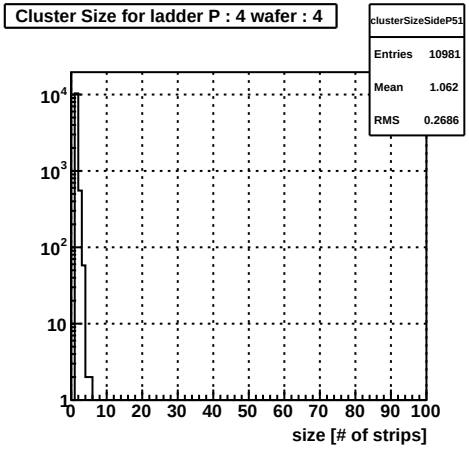

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10107
Mean 1.037
RMS 0.2235
size [# of strips]

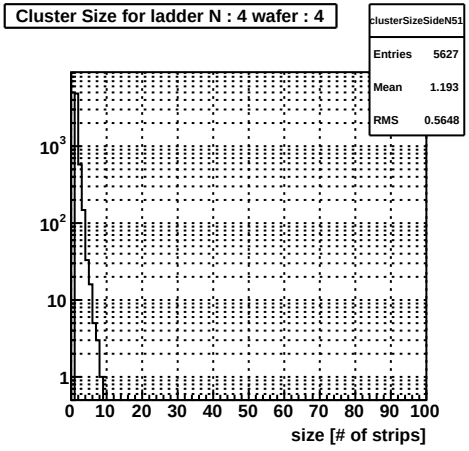

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 11212
Mean 1.689
RMS 0.9363
size [# of strips]

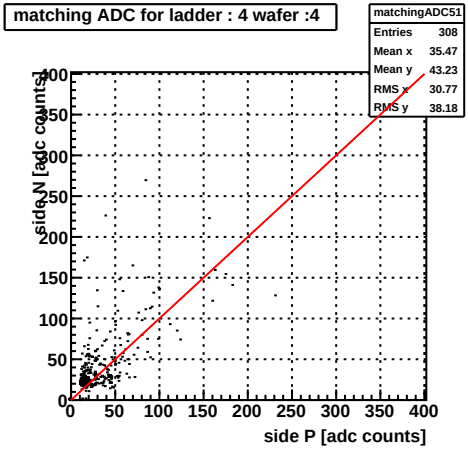

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 804
Mean x 45.1
Mean y 58.34
RMS x 52.59
RMS y 37.8
side N [adc counts]
side P [adc counts]

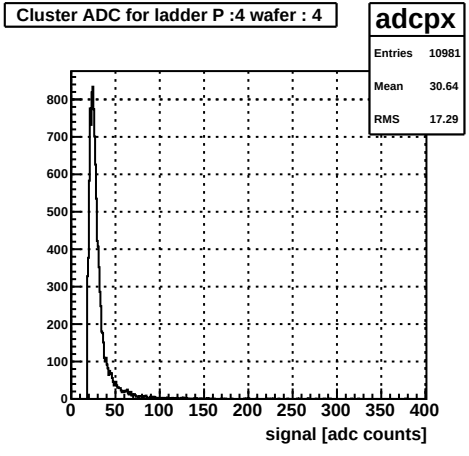

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10107
Mean 31.47
RMS 29.34
signal [adc counts]

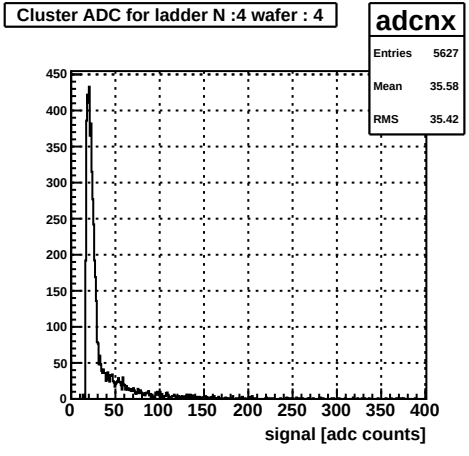

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 11212
Mean 36.09
RMS 27.15
signal [adc counts]

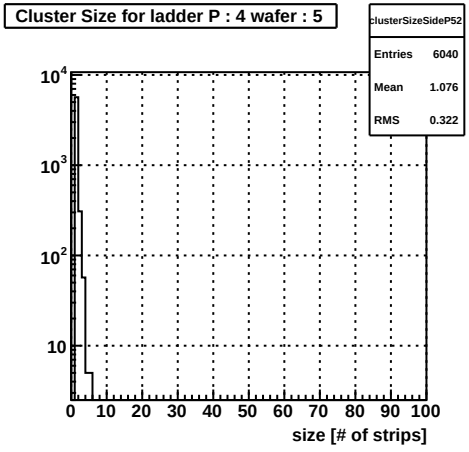

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 10981
Mean 1.062
RMS 0.2686
size [# of strips]

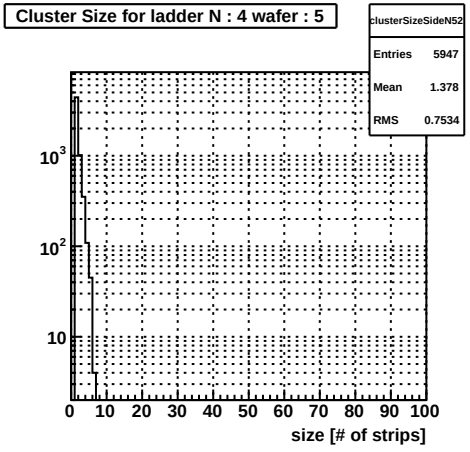

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 5627
Mean 1.193
RMS 0.5648
size [# of strips]

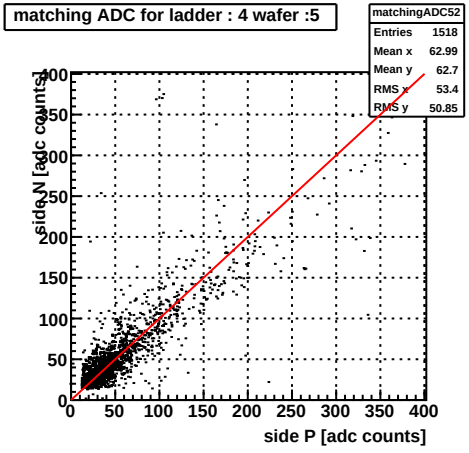

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 308
Mean x 35.47
Mean y 43.23
RMS x 30.77
RMS y 38.18
side N [adc counts]
side P [adc counts]

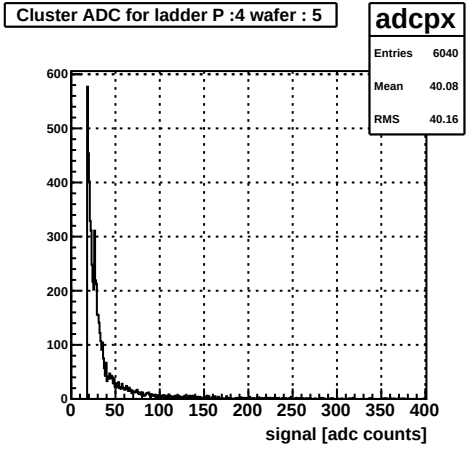

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 10981
Mean 30.64
RMS 17.29
signal [adc counts]

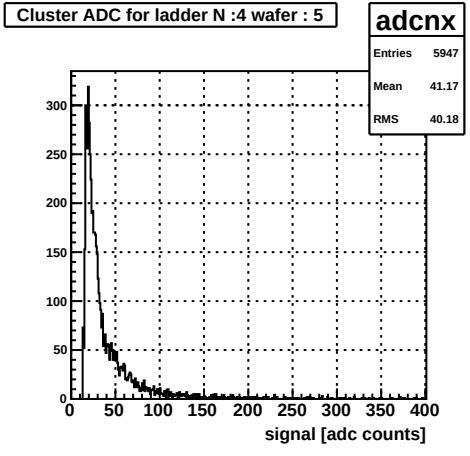

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 5627
Mean 35.58
RMS 35.42
signal [adc counts]

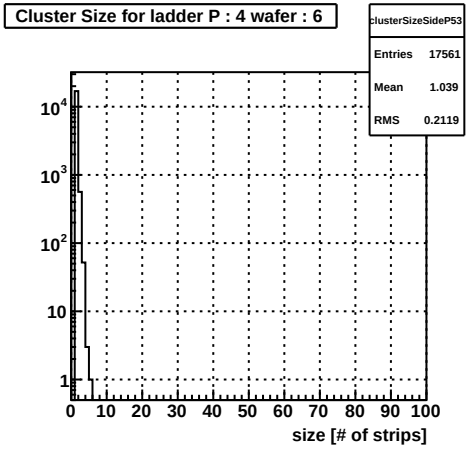

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6040
Mean 1.076
RMS 0.322
size [# of strips]

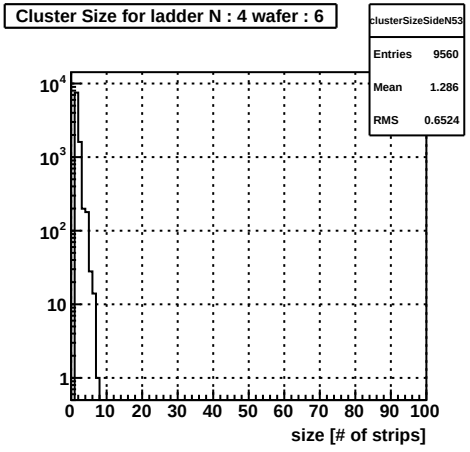

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5947
Mean 1.378
RMS 0.7534
size [# of strips]

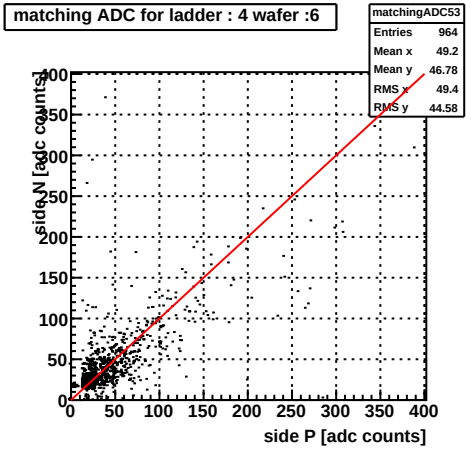

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1518
Mean x 62.99
Mean y 62.7
RMS x 53.4
RMS y 50.85
side N [adc counts]
side P [adc counts]

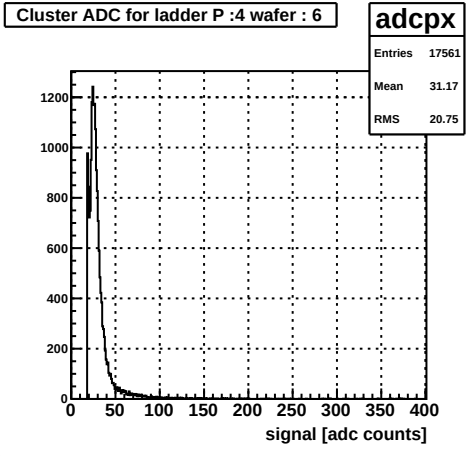

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6040
Mean 40.08
RMS 40.16
signal [adc counts]

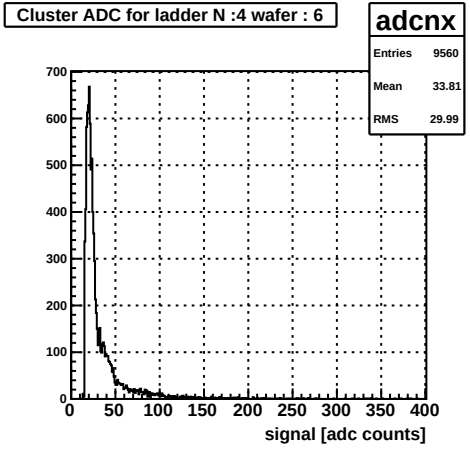

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5947
Mean 41.17
RMS 40.18
signal [adc counts]

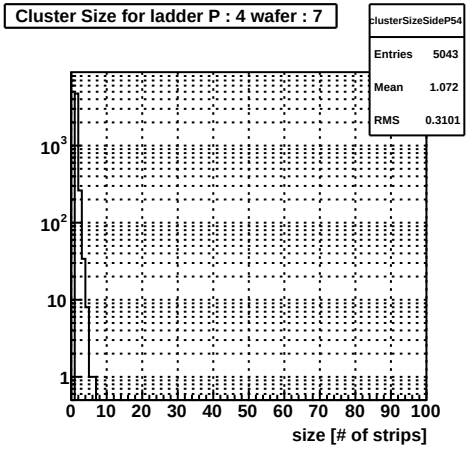

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 17561
Mean 1.039
RMS 0.2119
size [# of strips]

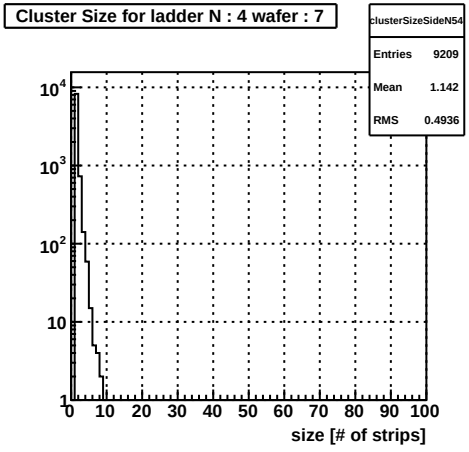

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 9560
Mean 1.286
RMS 0.6524
size [# of strips]

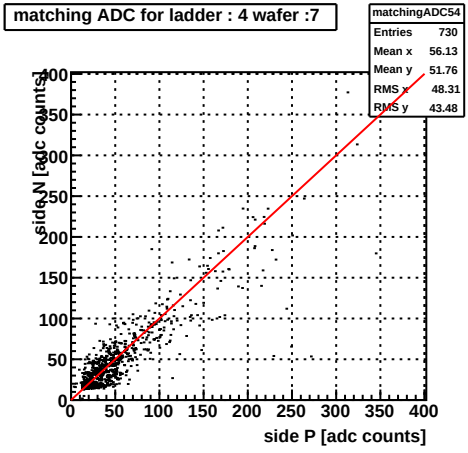

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 964
Mean x 49.2
Mean y 46.78
RMS x 49.4
RMS y 44.58
side N [adc counts]
side P [adc counts]

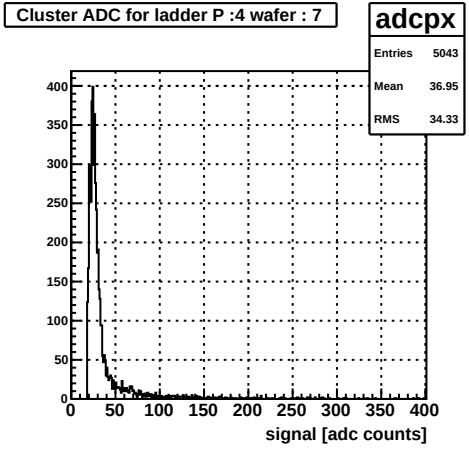

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 17561
Mean 31.17
RMS 20.75
signal [adc counts]

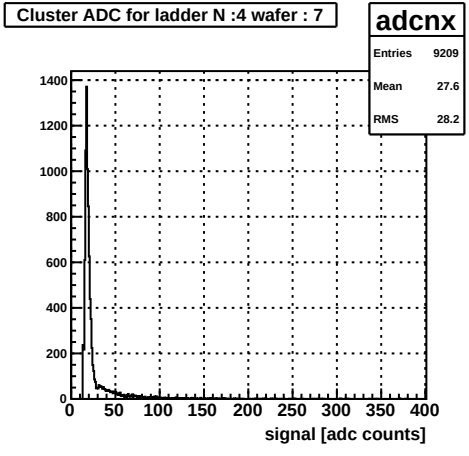

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 9560
Mean 33.81
RMS 29.99
signal [adc counts]

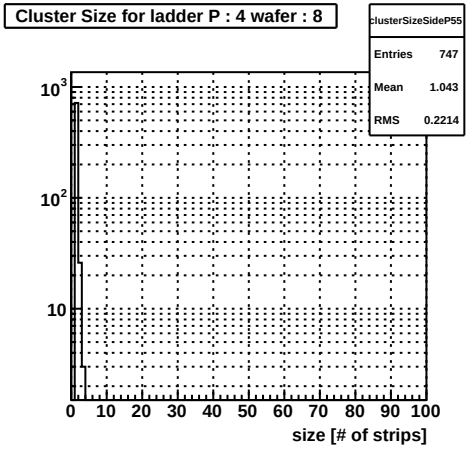

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 5043
Mean 1.072
RMS 0.3101
size [# of strips]

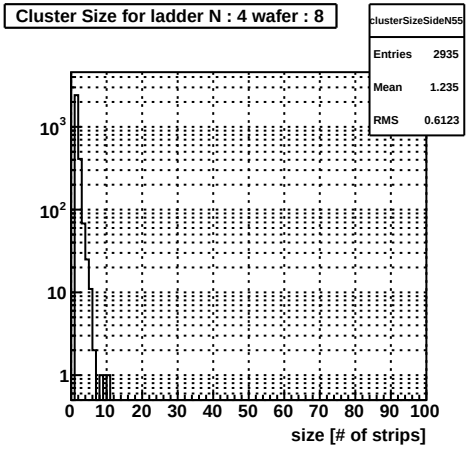

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 9209
Mean 1.142
RMS 0.4936
size [# of strips]

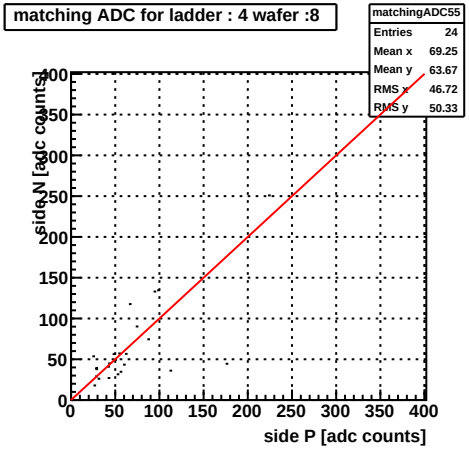

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 730
Mean x 56.13
Mean y 51.76
RMS x 48.31
RMS y 43.48
side N [adc counts]
side P [adc counts]

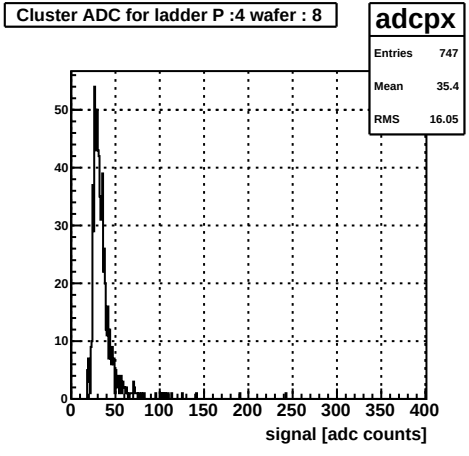

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 5043
Mean 36.95
RMS 34.33
signal [adc counts]

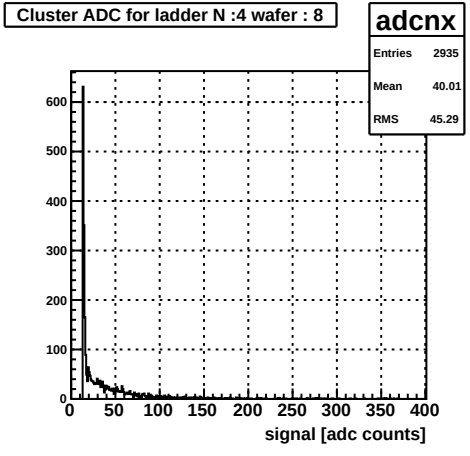

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 9209
Mean 27.6
RMS 28.2
signal [adc counts]

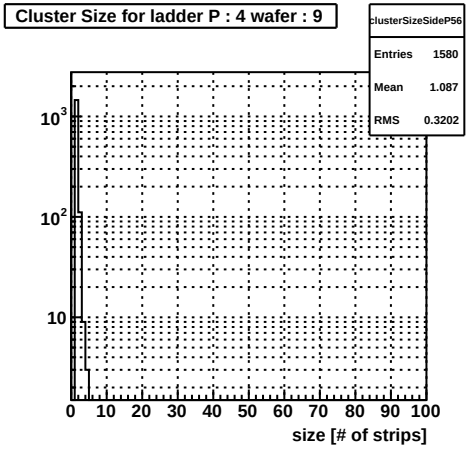

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 747
Mean 1.043
RMS 0.2214
size [# of strips]

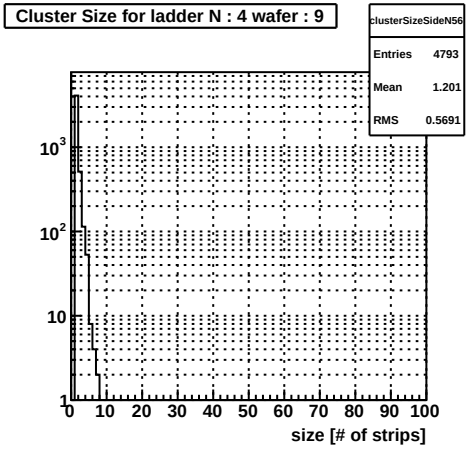

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2935
Mean 1.235
RMS 0.6123
size [# of strips]

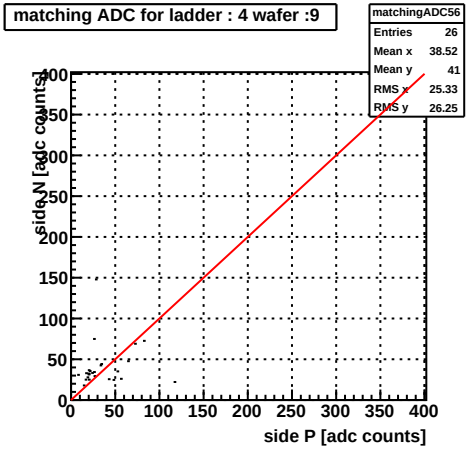

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 24
Mean x 69.25
Mean y 63.67
RMS x 46.72
RMS y 50.33
side N [adc counts]
side P [adc counts]

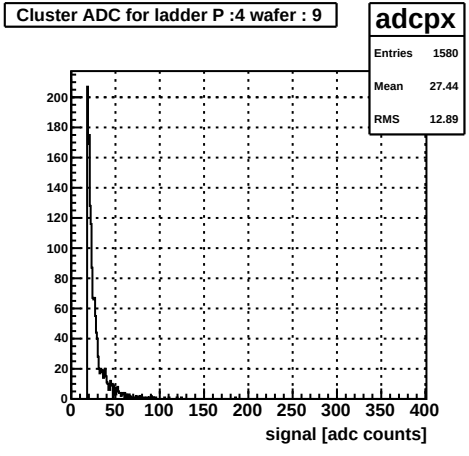

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 747
Mean 35.4
RMS 16.05
signal [adc counts]

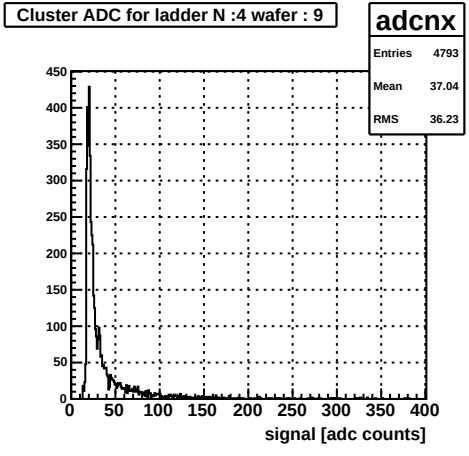

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2935
Mean 40.01
RMS 45.29
signal [adc counts]

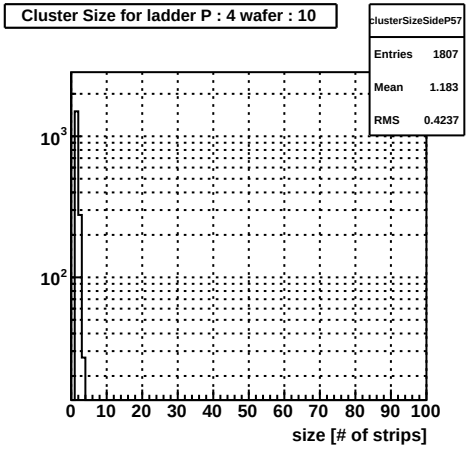

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1580
Mean 1.087
RMS 0.3202
size [# of strips]

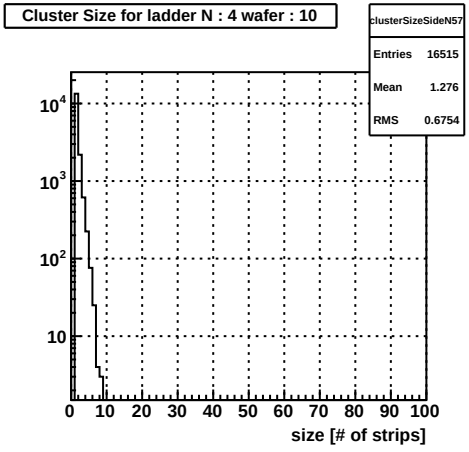

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4793
Mean 1.201
RMS 0.5691
size [# of strips]

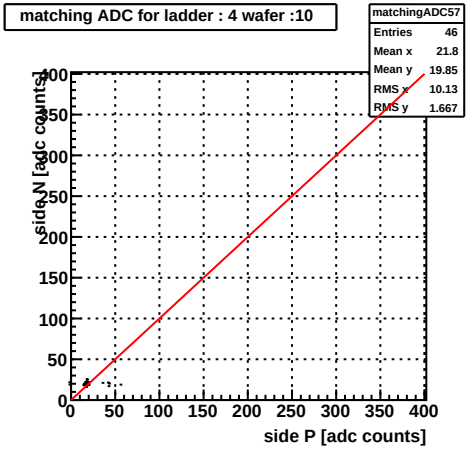

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 26
Mean x 38.52
Mean y 41
RMS x 25.33
RMS y 26.25
side N [adc counts]
side P [adc counts]

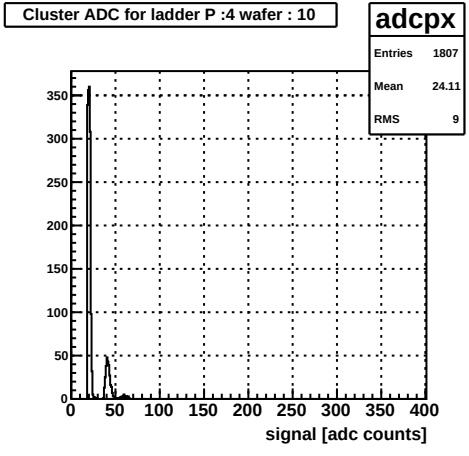

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1580
Mean 27.44
RMS 12.89
signal [adc counts]

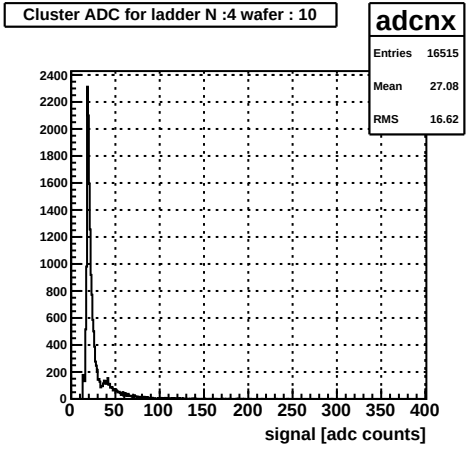

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4793
Mean 37.04
RMS 36.23
signal [adc counts]

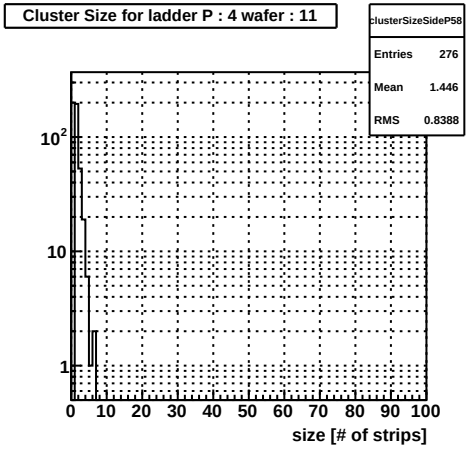

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1807
Mean 1.183
RMS 0.4237
size [# of strips]

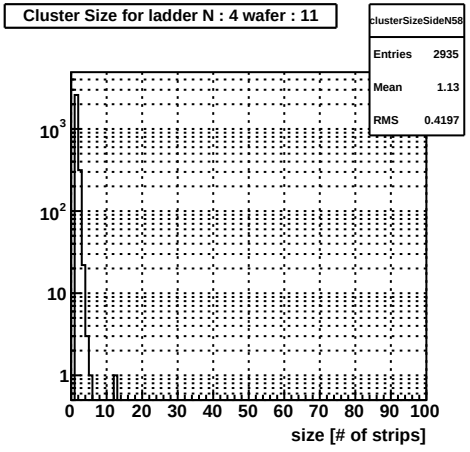

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 16515
Mean 1.276
RMS 0.6754
size [# of strips]

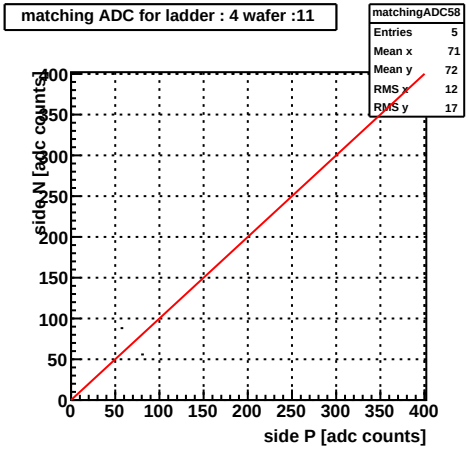

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 46
Mean x 21.8
Mean y 19.85
RMS x 10.13
RMS y 1.667
side N [adc counts]
side P [adc counts]

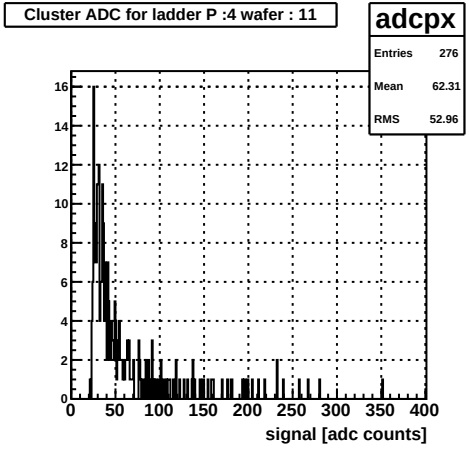

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1807
Mean 24.11
RMS 9
signal [adc counts]

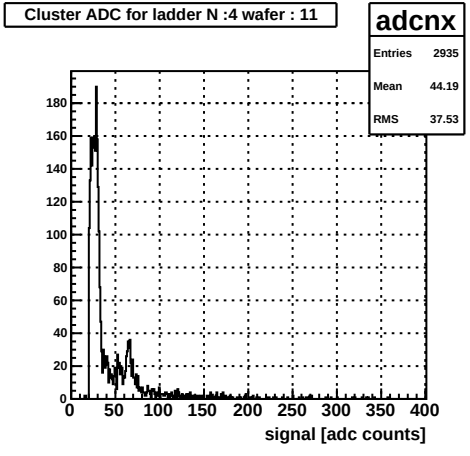

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 16515
Mean 27.08
RMS 16.62
signal [adc counts]

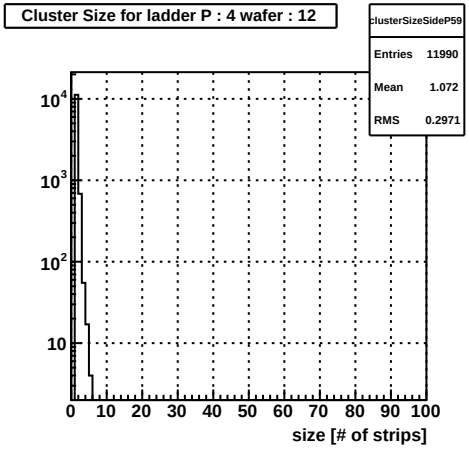

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 276
Mean 1.446
RMS 0.8388
size [# of strips]

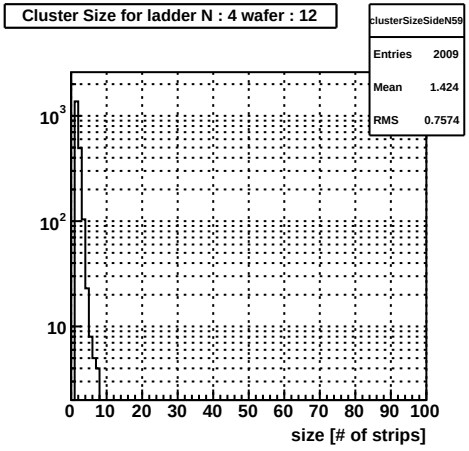

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2935
Mean 1.13
RMS 0.4197
size [# of strips]

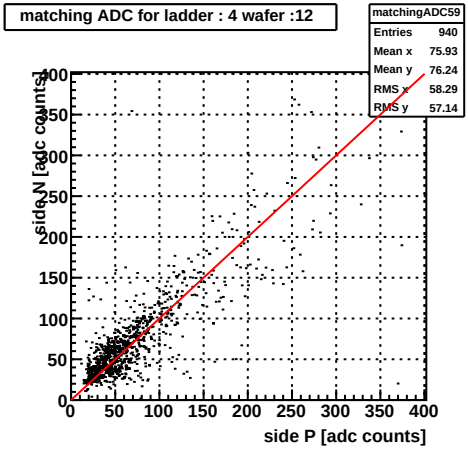

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 5
Mean x 71
Mean y 72
RMS x 12
RMS y 17
side N [adc counts]
side P [adc counts]

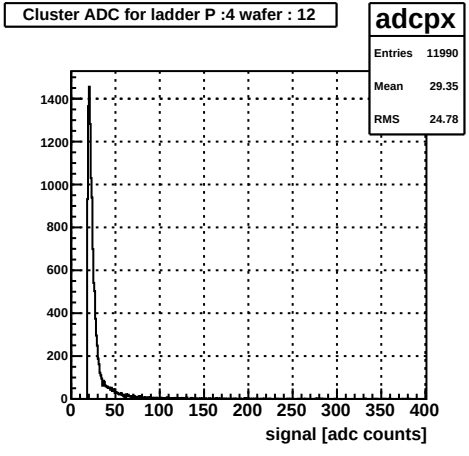

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 276
Mean 62.31
RMS 52.96
signal [adc counts]

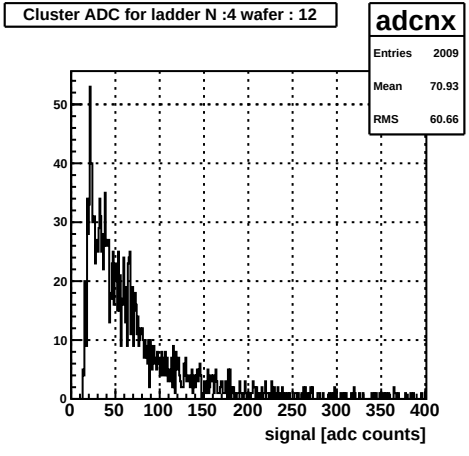

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2935
Mean 44.19
RMS 37.53
signal [adc counts]

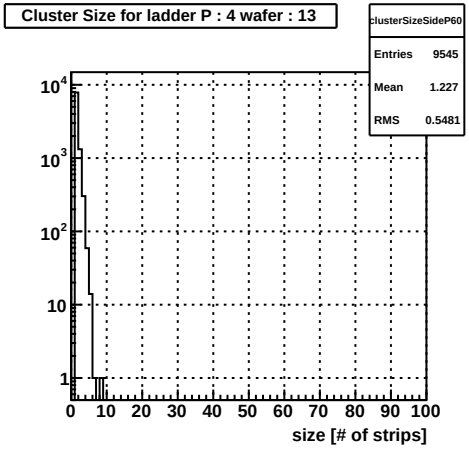

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 11990
Mean 1.072
RMS 0.2971
size [# of strips]

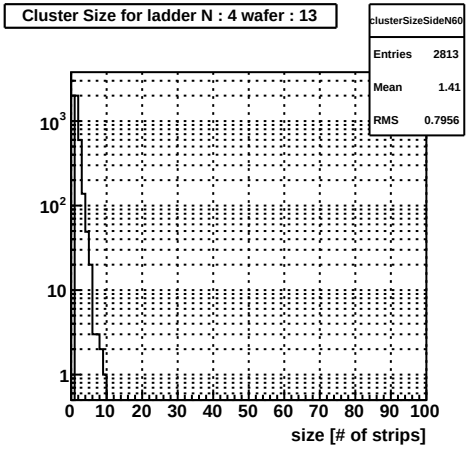

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2009
Mean 1.424
RMS 0.7574
size [# of strips]

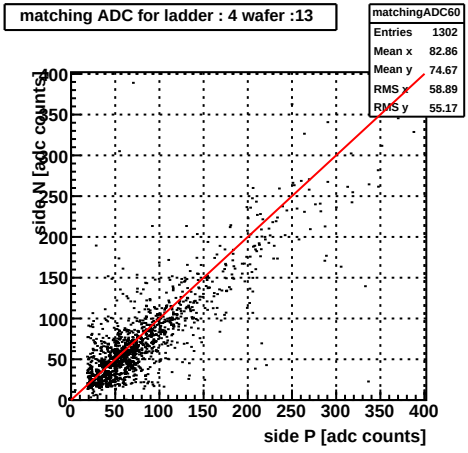

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 940
Mean x 75.93
Mean y 76.24
RMS x 58.29
RMS y 57.14
side N [adc counts]
side P [adc counts]

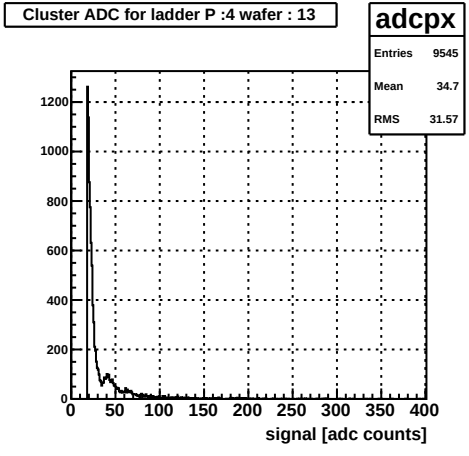

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 11990
Mean 29.35
RMS 24.78
signal [adc counts]

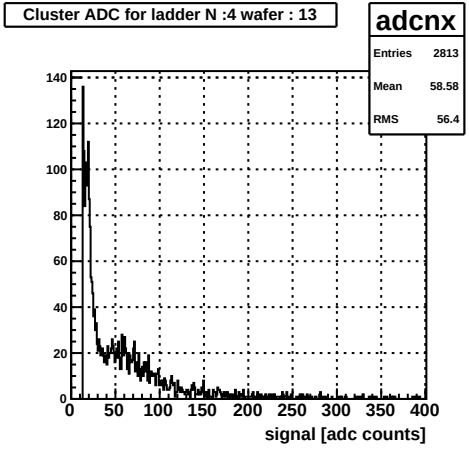

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2009
Mean 70.93
RMS 60.66
signal [adc counts]

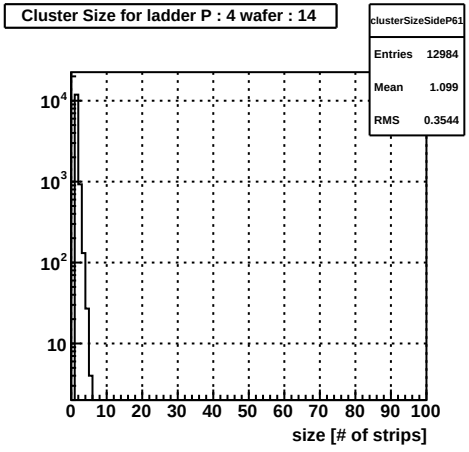

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 9545
Mean 1.227
RMS 0.5481
size [# of strips]

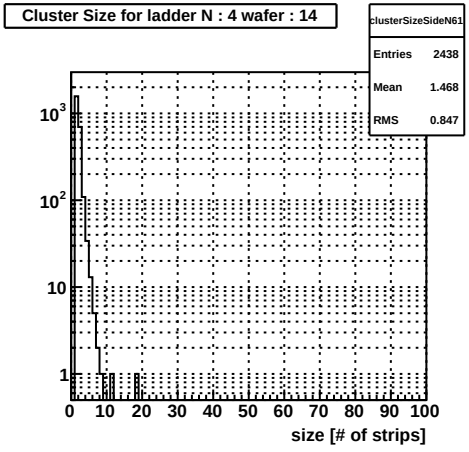

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2813
Mean 1.41
RMS 0.7956
size [# of strips]

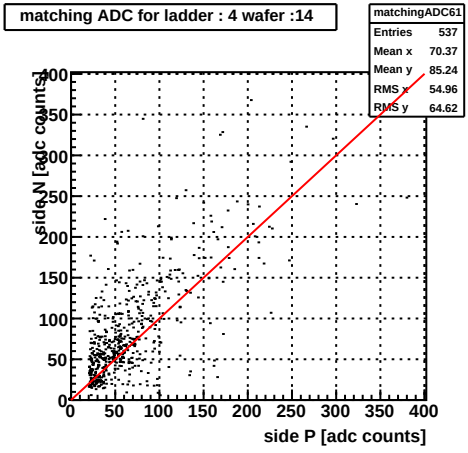

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1302
Mean x 82.86
Mean y 74.67
RMS x 58.89
RMS y 55.17
side N [adc counts]
side P [adc counts]

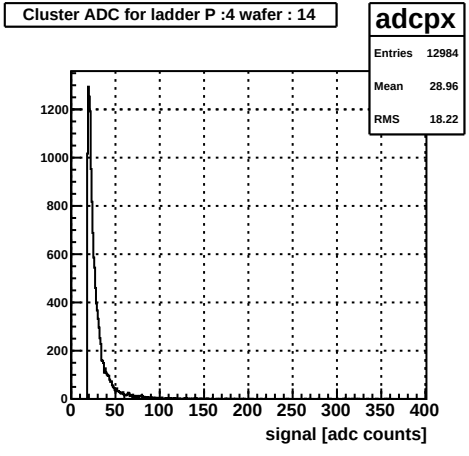

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 9545
Mean 34.7
RMS 31.57
signal [adc counts]

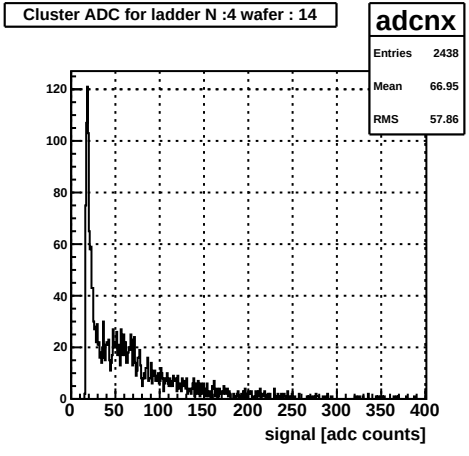

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2813
Mean 58.58
RMS 56.4
signal [adc counts]

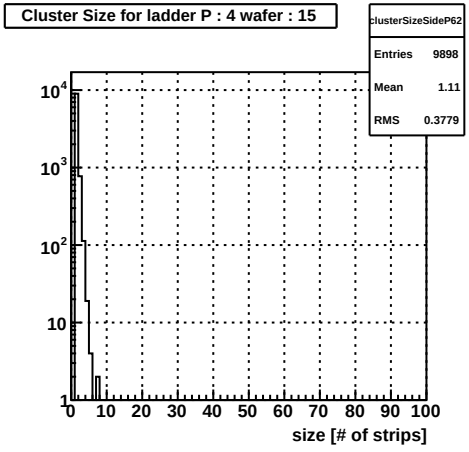

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 12984
Mean 1.099
RMS 0.3544
size [# of strips]

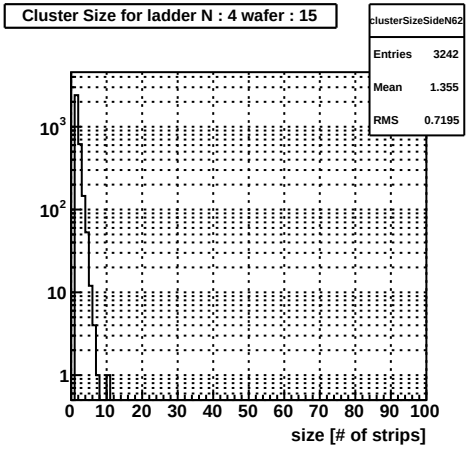

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2438
Mean 1.468
RMS 0.847
size [# of strips]

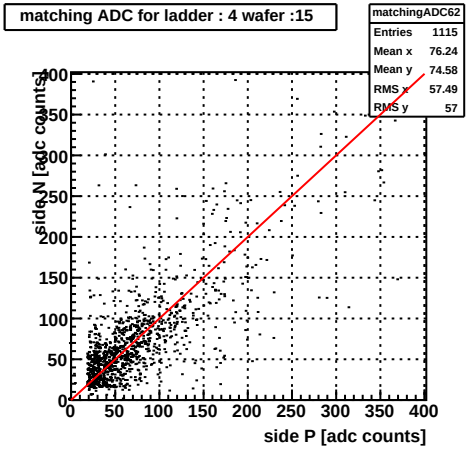

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 537
Mean x 70.37
Mean y 85.24
RMS x 54.96
RMS y 64.62
side N [adc counts]
side P [adc counts]

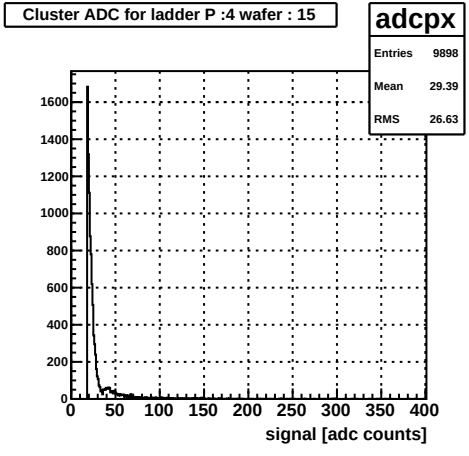

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 12984
Mean 28.96
RMS 18.22
signal [adc counts]

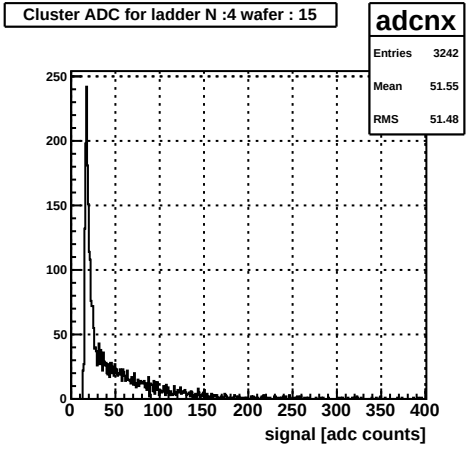

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2438
Mean 66.95
RMS 57.86
signal [adc counts]

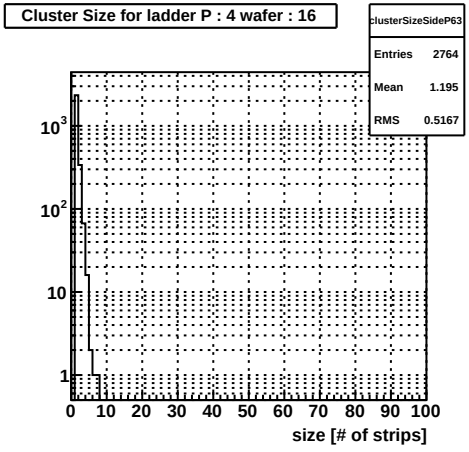

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9898
Mean 1.11
RMS 0.3779
size [# of strips]

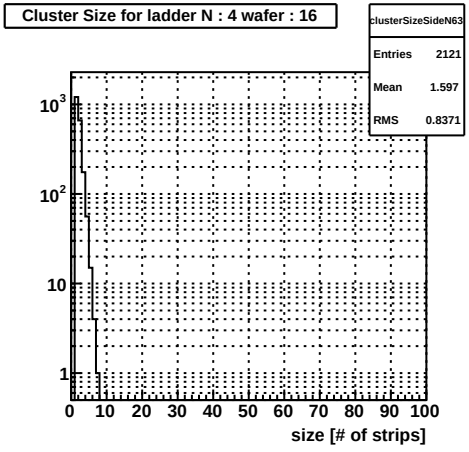

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3242
Mean 1.355
RMS 0.7195
size [# of strips]

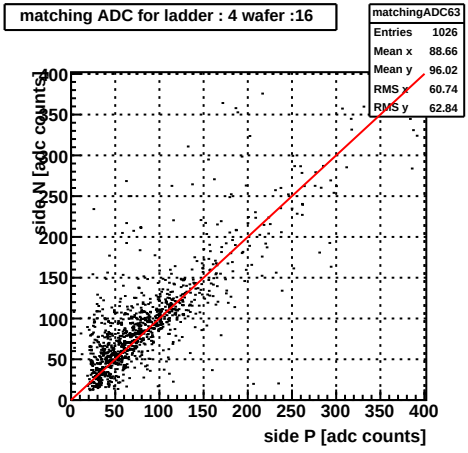

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1115
Mean x 76.24
Mean y 74.58
RMS x 57.49
RMS y 57
side N [adc counts]
side P [adc counts]

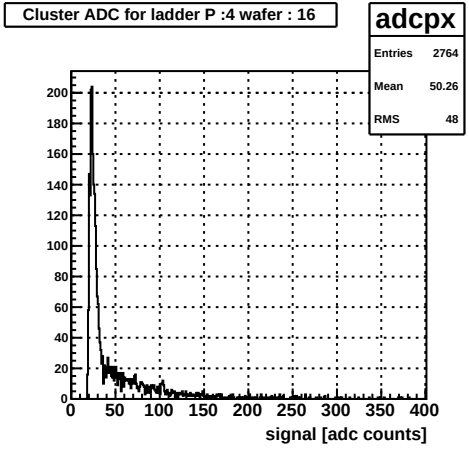

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9898
Mean 29.39
RMS 26.63
signal [adc counts]

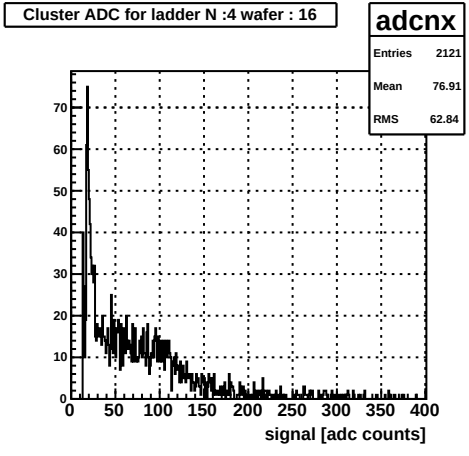

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3242
Mean 51.55
RMS 51.48
signal [adc counts]

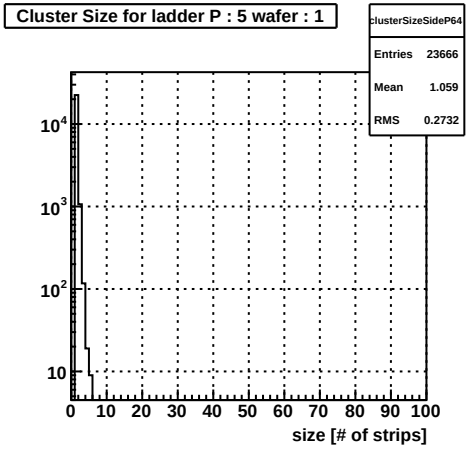

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2764
Mean 1.195
RMS 0.5167
size [# of strips]

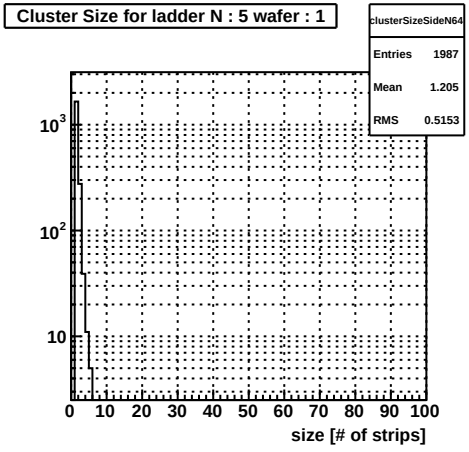

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2121
Mean 1.597
RMS 0.8371
size [# of strips]

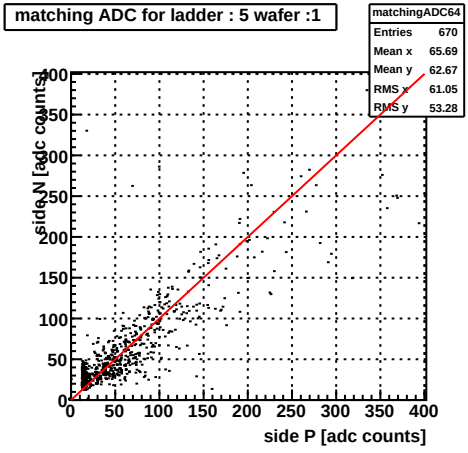

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1026
Mean x 88.66
Mean y 96.02
RMS x 60.74
RMS y 62.84
side N [adc counts]
side P [adc counts]

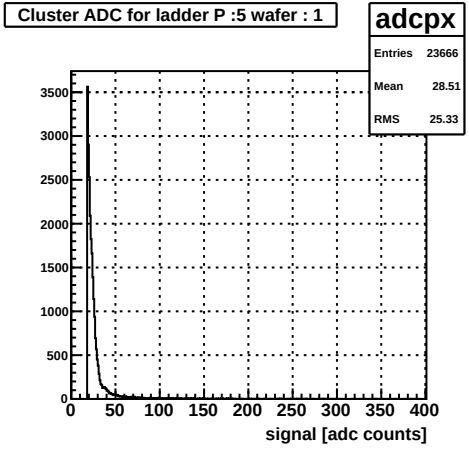

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2764
Mean 50.26
RMS 48
signal [adc counts]

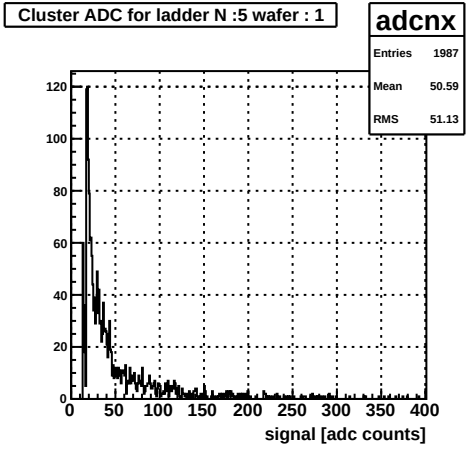

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2121
Mean 76.91
RMS 62.84
signal [adc counts]

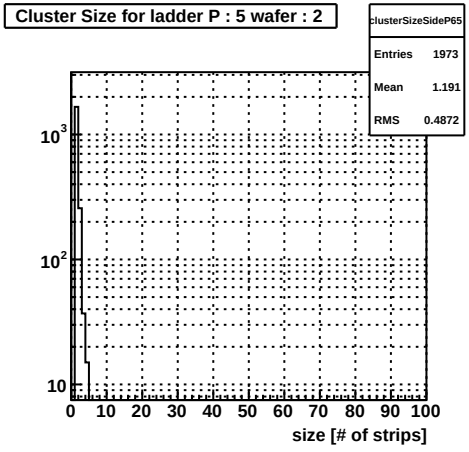

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 23666
Mean 1.059
RMS 0.2732
size [# of strips]

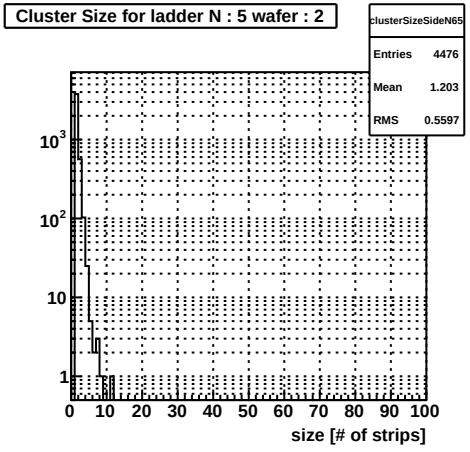

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1987
Mean 1.205
RMS 0.5153
size [# of strips]

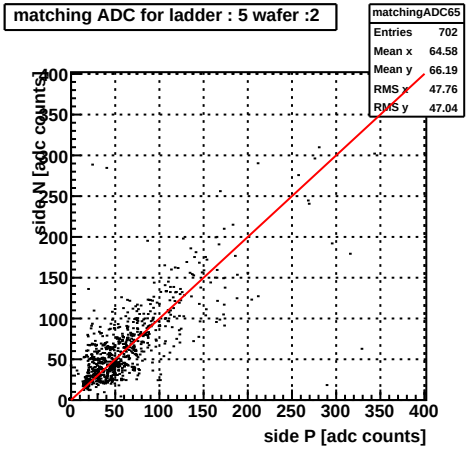

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 670
Mean x 65.69
Mean y 62.67
RMS x 61.05
RMS y 53.28
side N [adc counts]
side P [adc counts]

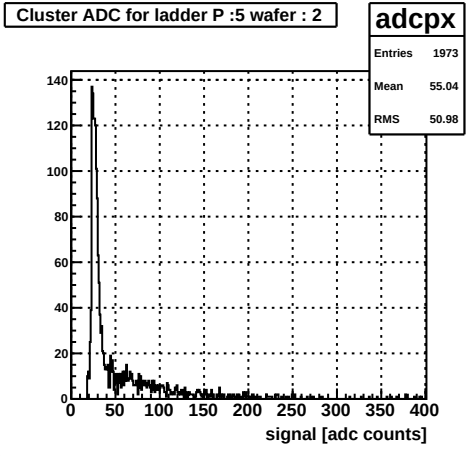

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 23666
Mean 28.51
RMS 25.33
signal [adc counts]

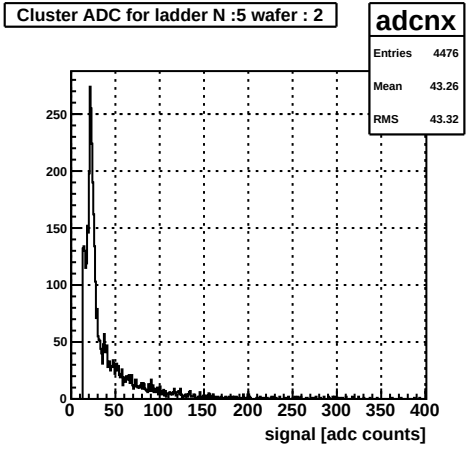

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1987
Mean 50.59
RMS 51.13
signal [adc counts]

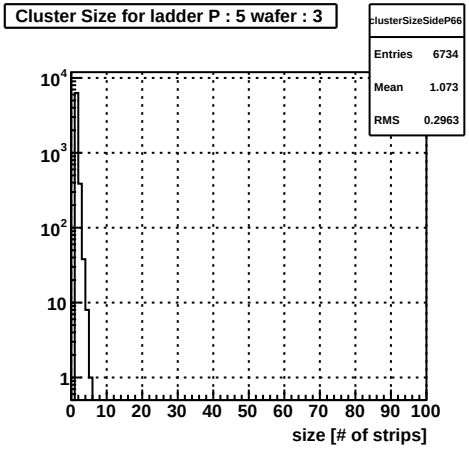

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1973
Mean 1.191
RMS 0.4872
size [# of strips]

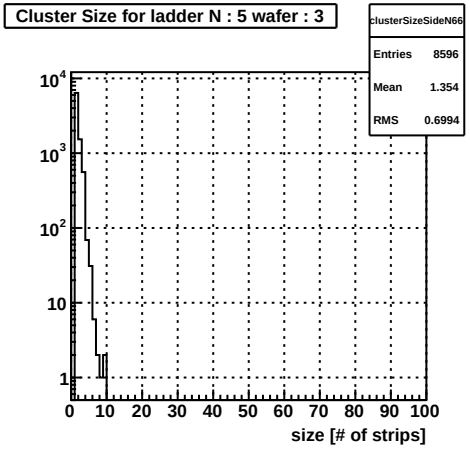

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4476
Mean 1.203
RMS 0.5597
size [# of strips]

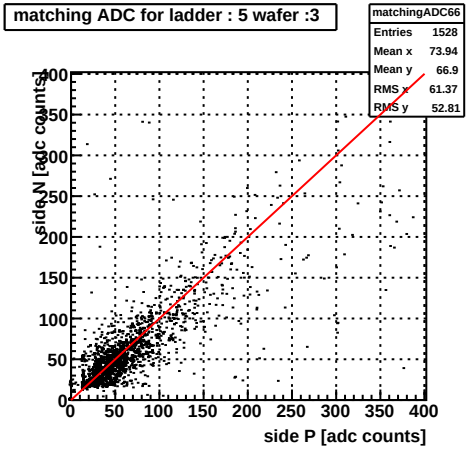

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 702
Mean x 64.58
Mean y 66.19
RMS x 47.76
RMS y 47.04
side N [adc counts]
side P [adc counts]

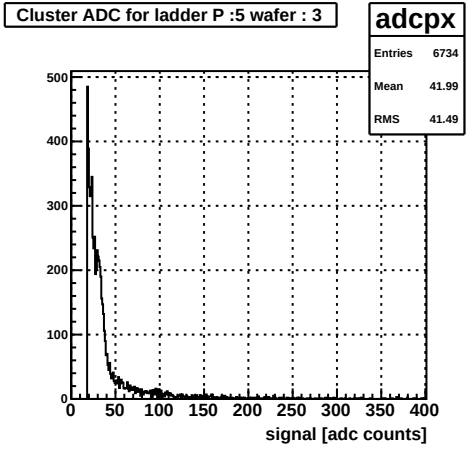

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1973
Mean 55.04
RMS 50.98
signal [adc counts]

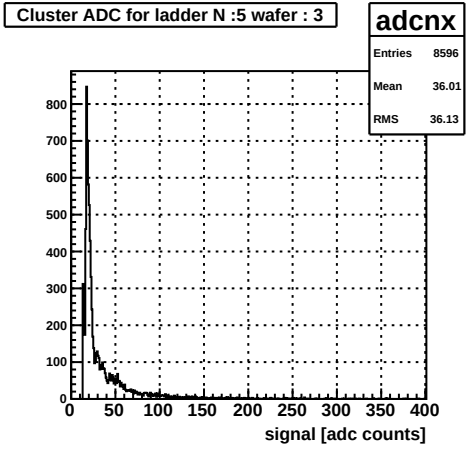

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4476
Mean 43.26
RMS 43.32
signal [adc counts]

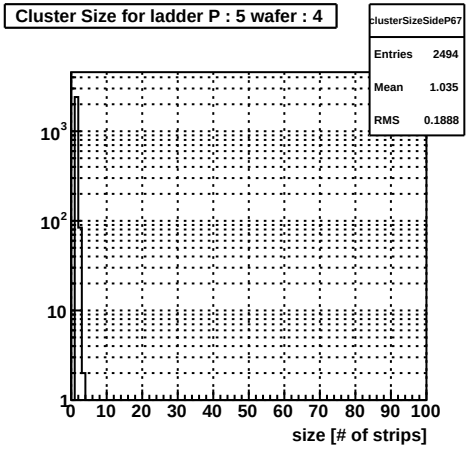

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6734
Mean 1.073
RMS 0.2963
size [# of strips]

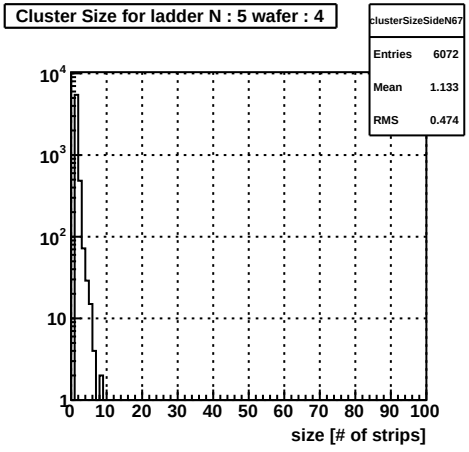

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8596
Mean 1.354
RMS 0.6994
size [# of strips]

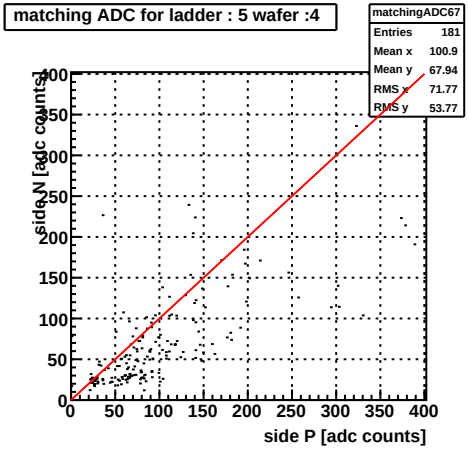

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1528
Mean x 73.94
Mean y 66.9
RMS x 61.37
RMS y 52.81
side N [adc counts]
side P [adc counts]

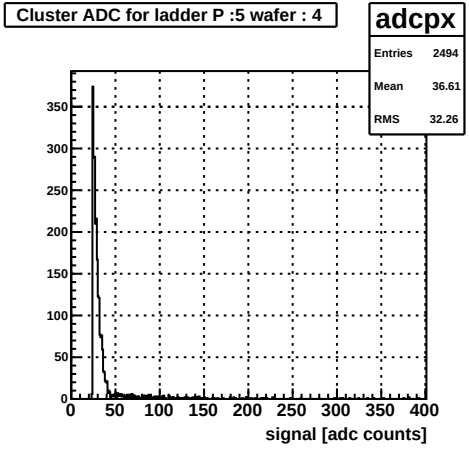

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6734
Mean 41.99
RMS 41.49
signal [adc counts]

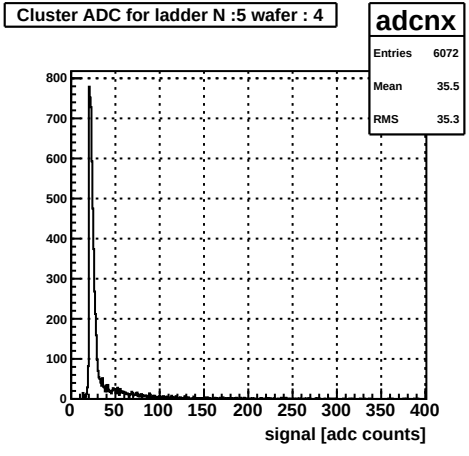

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8596
Mean 36.01
RMS 36.13
signal [adc counts]

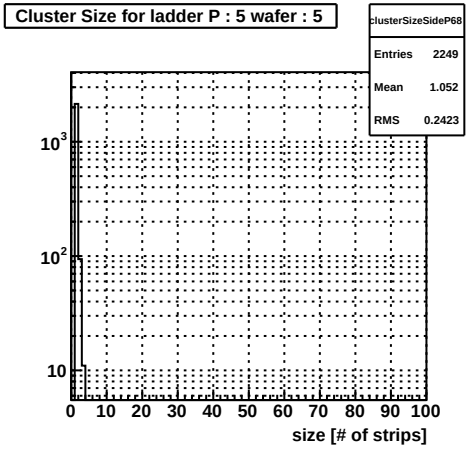

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 2494
Mean 1.035
RMS 0.1888
size [# of strips]

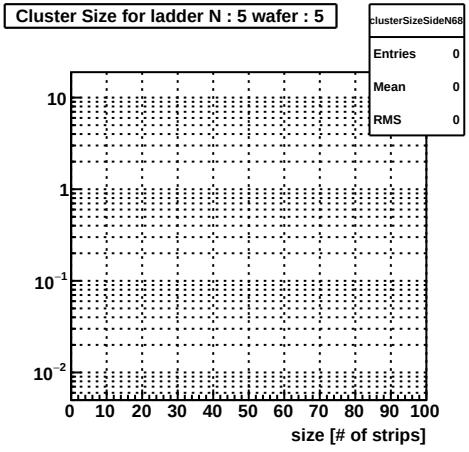

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 6072
Mean 1.133
RMS 0.474
size [# of strips]

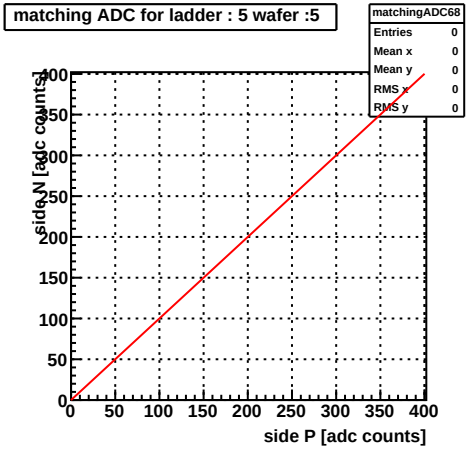

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 181
Mean x 100.9
Mean y 67.94
RMS x 71.77
RMS y 53.77
side N [adc counts]
side P [adc counts]

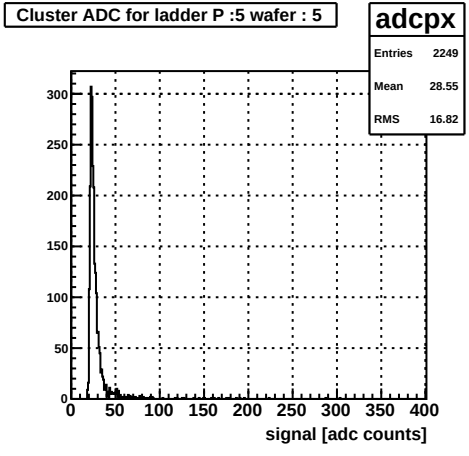

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 2494
Mean 36.61
RMS 32.26
signal [adc counts]

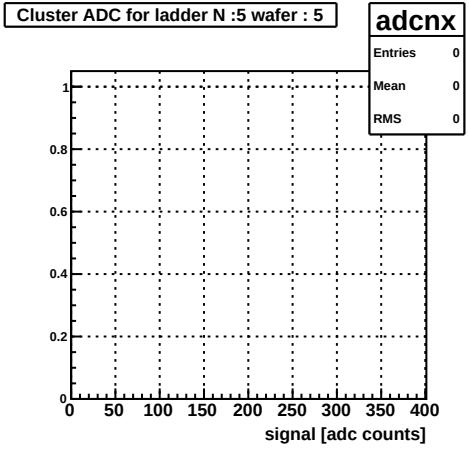

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 6072
Mean 35.5
RMS 35.3
signal [adc counts]

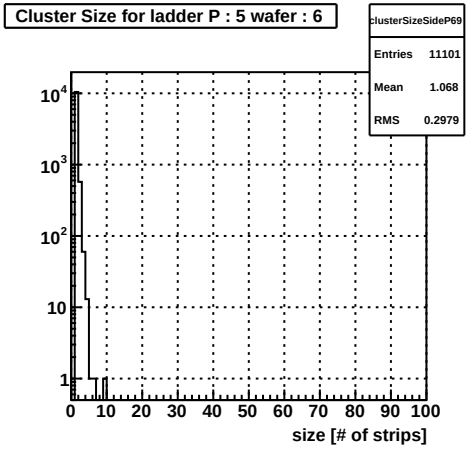

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 2249
Mean 1.052
RMS 0.2423
size [# of strips]

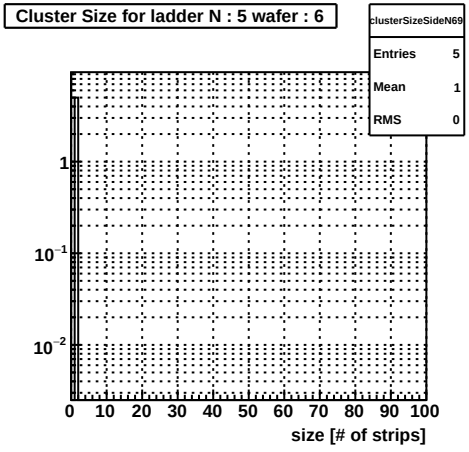

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

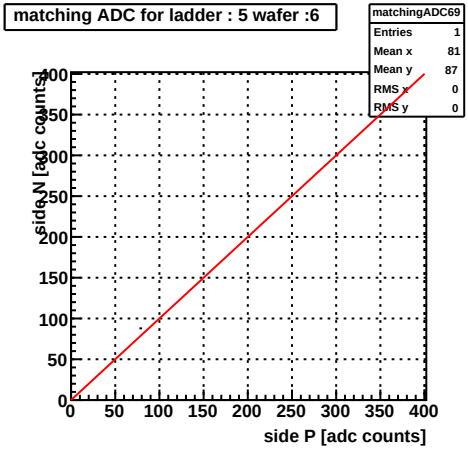

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

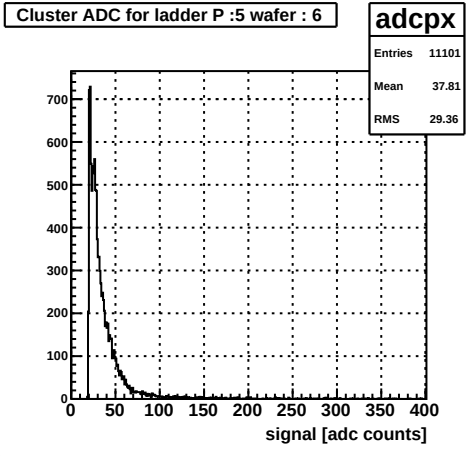

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 2249
Mean 28.55
RMS 16.82
signal [adc counts]

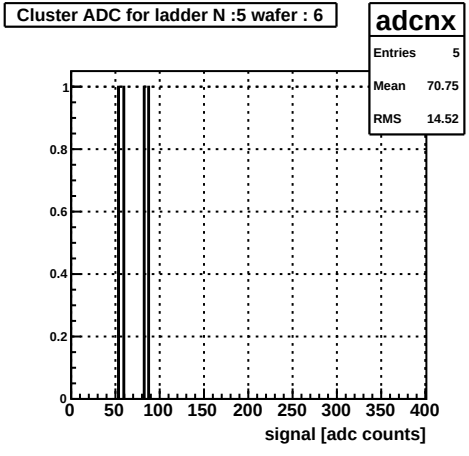

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

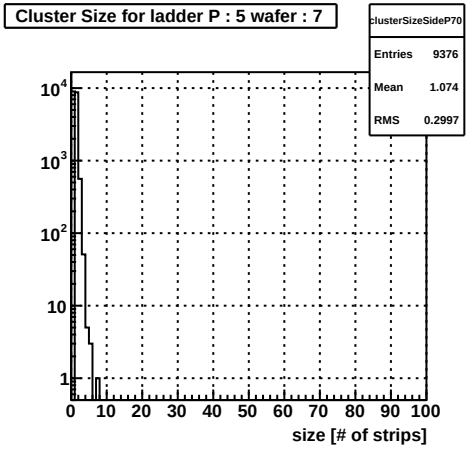

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 11101
Mean 1.068
RMS 0.2979
size [# of strips]

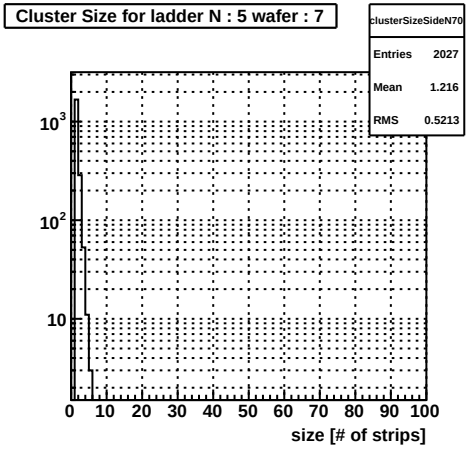

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 5
Mean 1
RMS 0
size [# of strips]

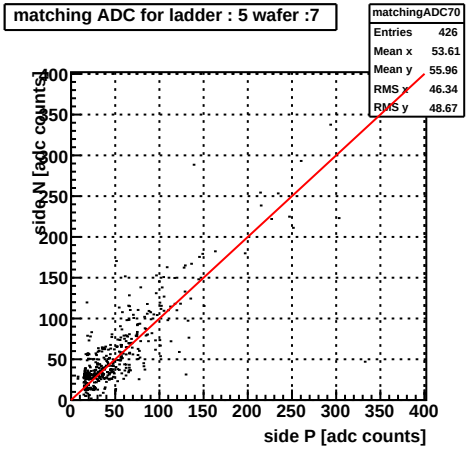

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 1
Mean x 81
Mean y 87
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

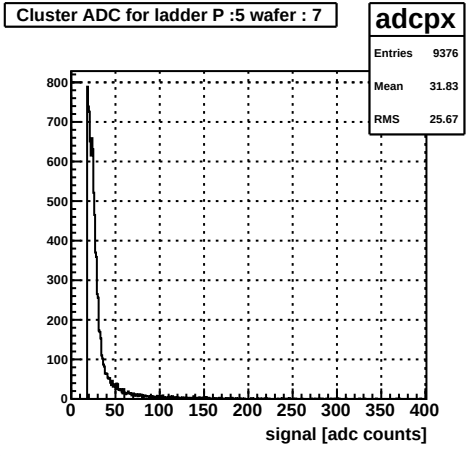

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 11101
Mean 37.81
RMS 29.36
signal [adc counts]

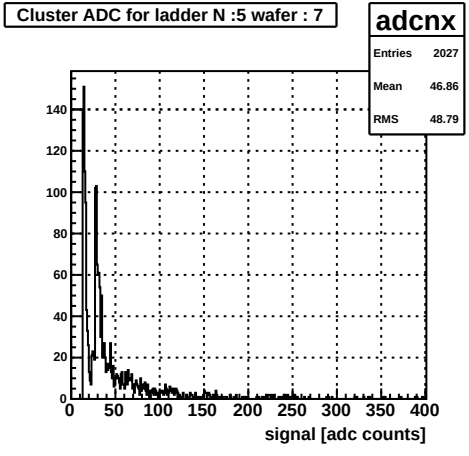

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 5
Mean 70.75
RMS 14.52
signal [adc counts]

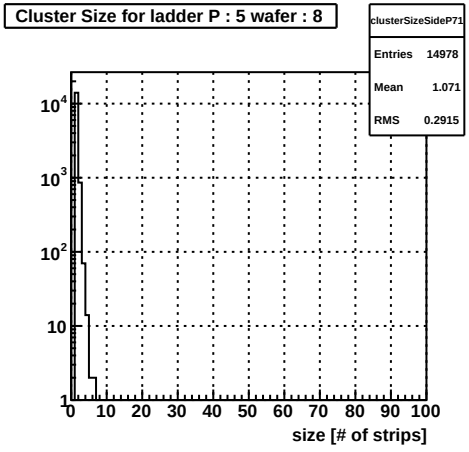

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 9376
Mean 1.074
RMS 0.2997
size [# of strips]

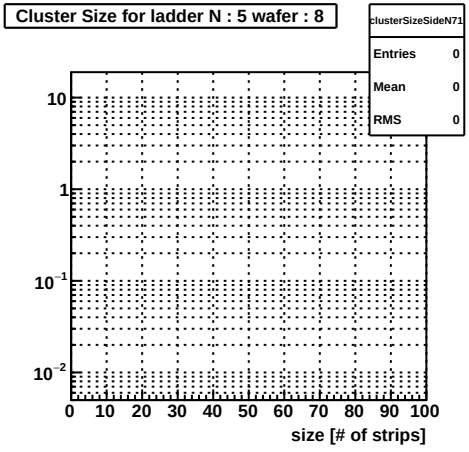

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 2027
Mean 1.216
RMS 0.5213
size [# of strips]

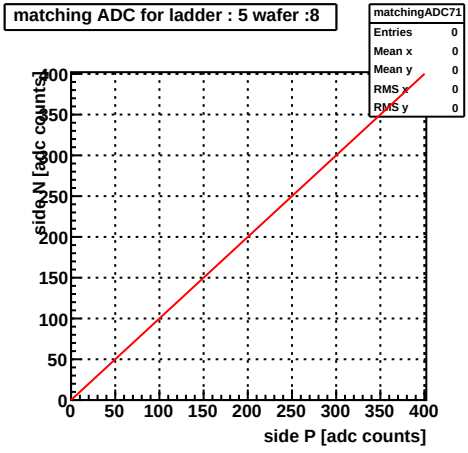

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 426
Mean x 53.61
Mean y 55.96
RMS x 46.34
RMS y 48.67
side N [adc counts]
side P [adc counts]

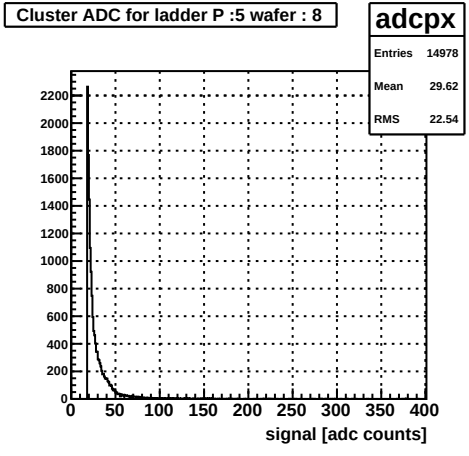

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 9376
Mean 31.83
RMS 25.67
signal [adc counts]

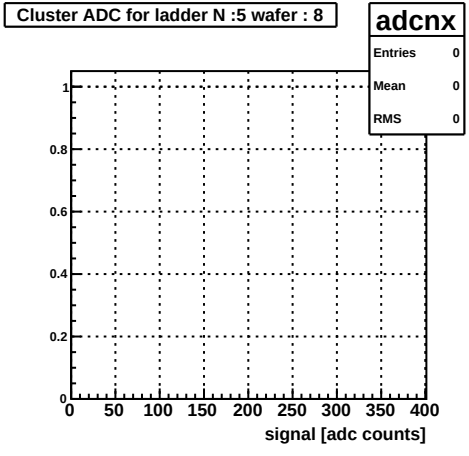

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 2027
Mean 46.86
RMS 48.79
signal [adc counts]

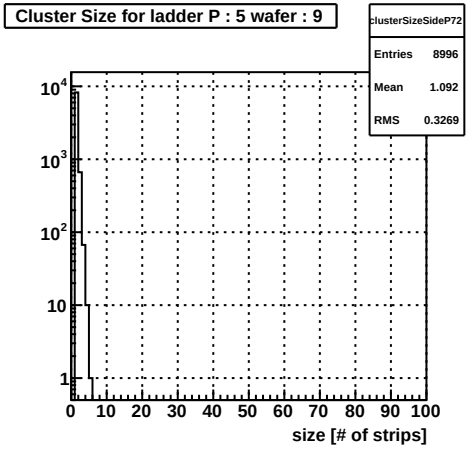

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 14978
Mean 1.071
RMS 0.2915
size [# of strips]

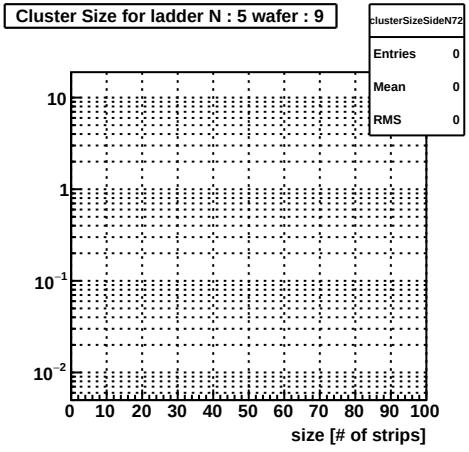

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

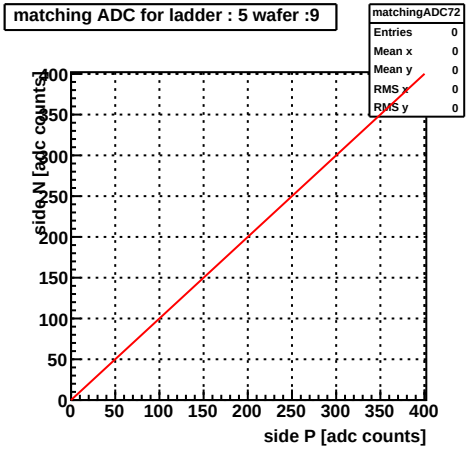

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

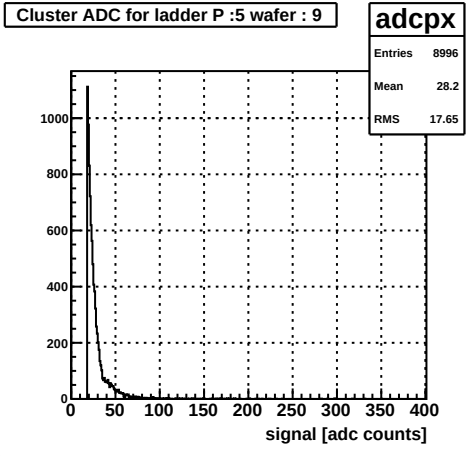

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 14978
Mean 29.62
RMS 22.54
signal [adc counts]

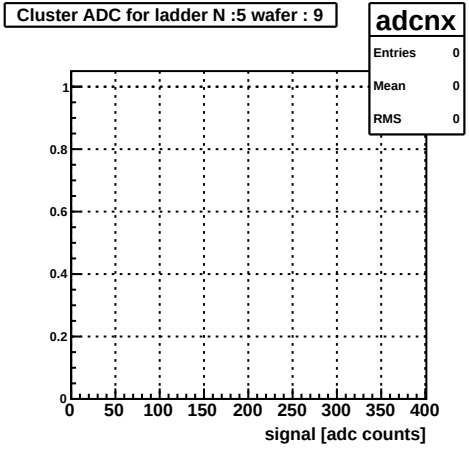

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

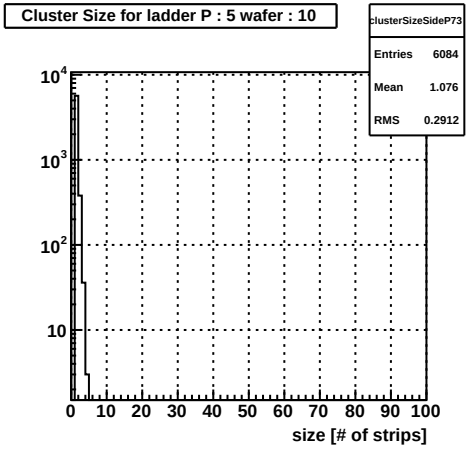

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8996
Mean 1.092
RMS 0.3269
size [# of strips]

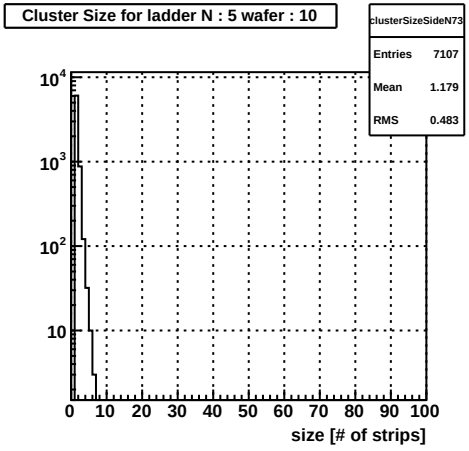

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

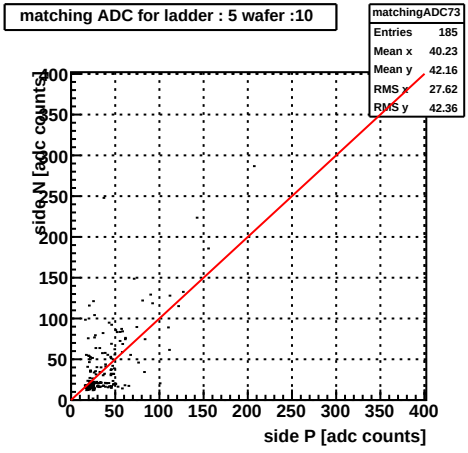

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

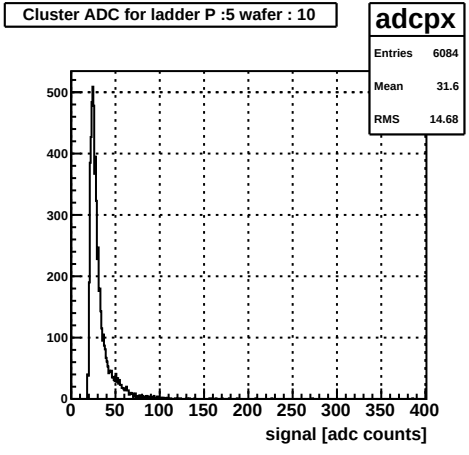

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8996
Mean 28.2
RMS 17.65
signal [adc counts]

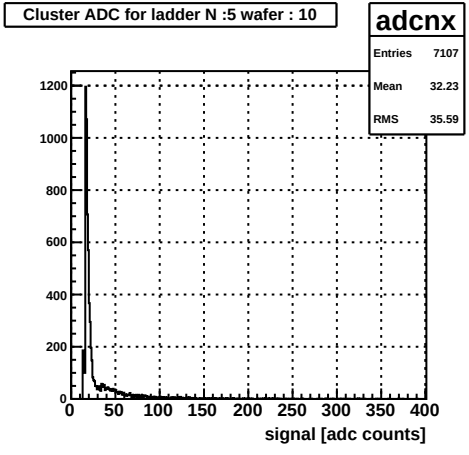

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

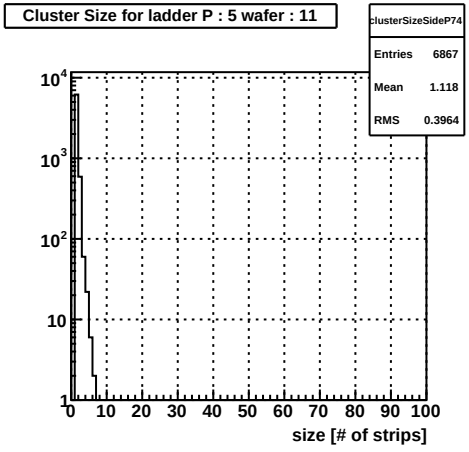

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6084
Mean 1.076
RMS 0.2912
size [# of strips]

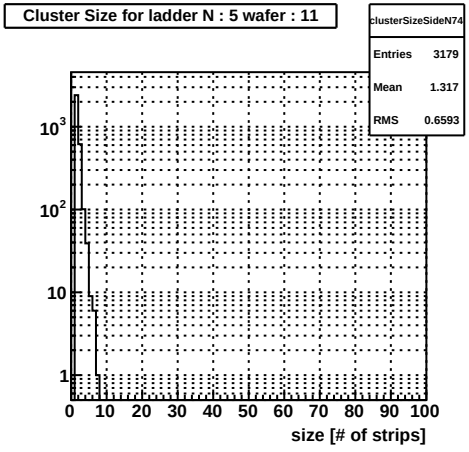

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 7107
Mean 1.179
RMS 0.483
size [# of strips]

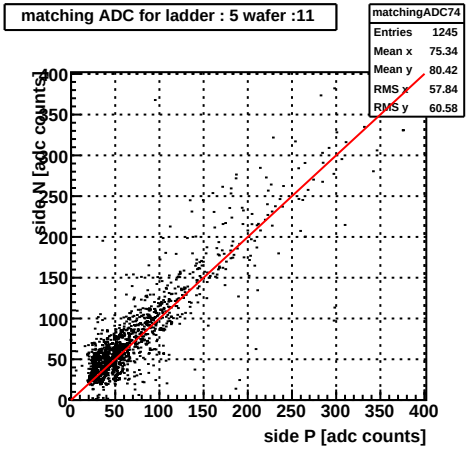

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 185
Mean x 40.23
Mean y 42.16
RMS x 27.62
RMS y 42.36
side N [adc counts]
side P [adc counts]

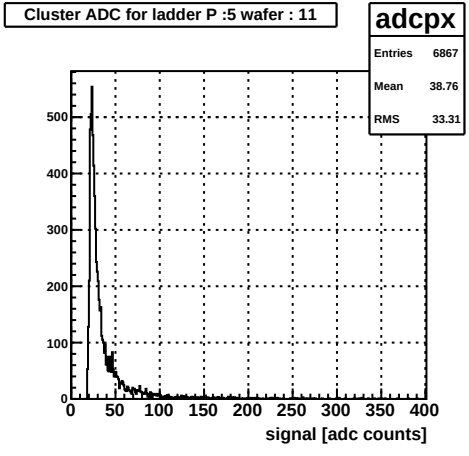

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6084
Mean 31.6
RMS 14.68
signal [adc counts]

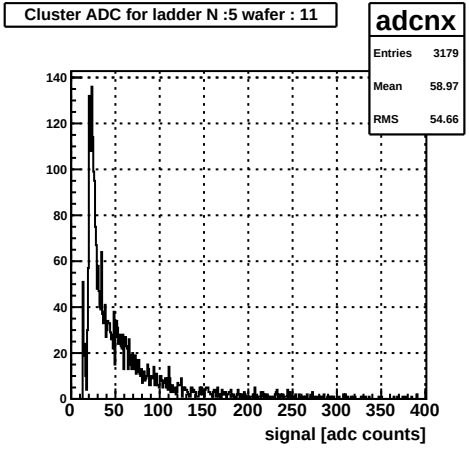

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 7107
Mean 32.23
RMS 35.59
signal [adc counts]

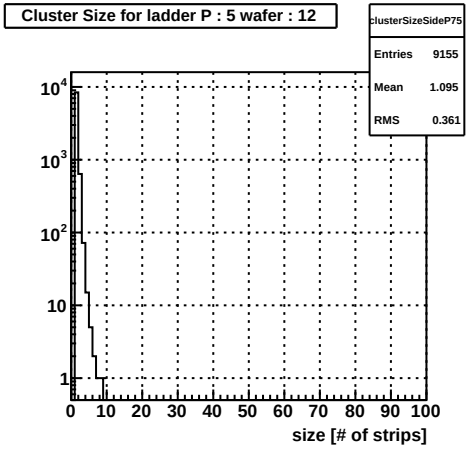

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6867
Mean 1.118
RMS 0.3964
size [# of strips]

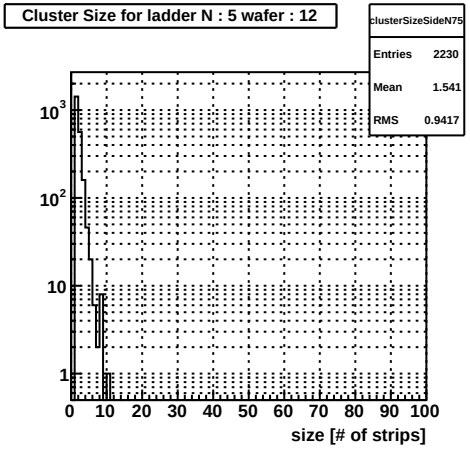

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3179
Mean 1.317
RMS 0.6593
size [# of strips]

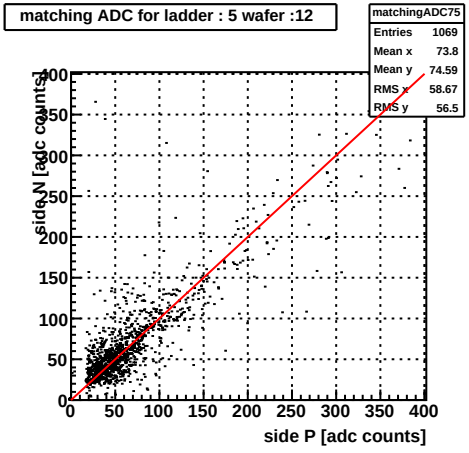

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1245
Mean x 75.34
Mean y 80.42
RMS x 57.84
RMS y 60.58
side N [adc counts]
side P [adc counts]

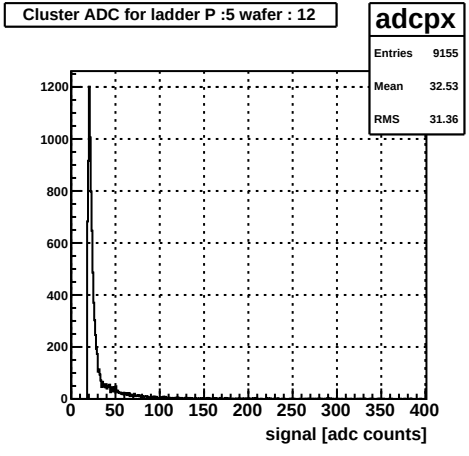

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6867
Mean 38.76
RMS 33.31
signal [adc counts]

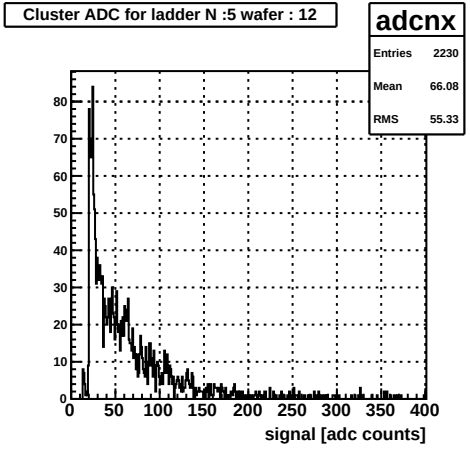

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3179
Mean 58.97
RMS 54.66
signal [adc counts]

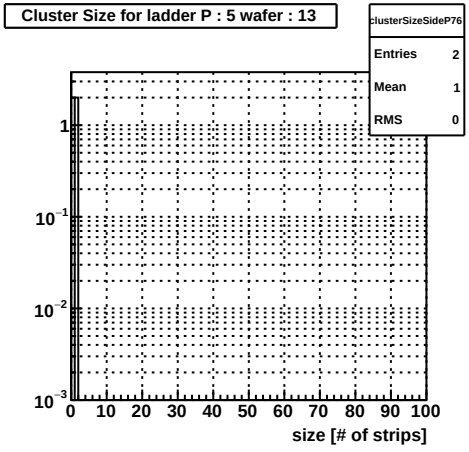

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9155
Mean 1.095
RMS 0.361
size [# of strips]

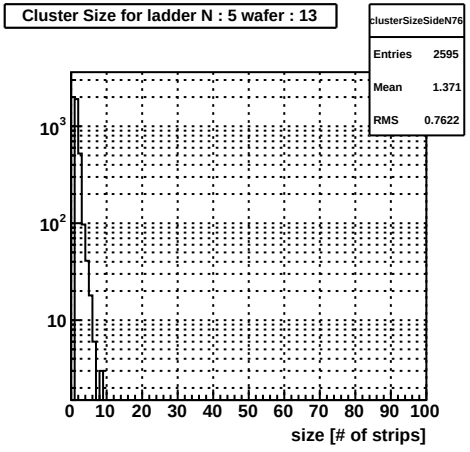

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2230
Mean 1.541
RMS 0.9417
size [# of strips]

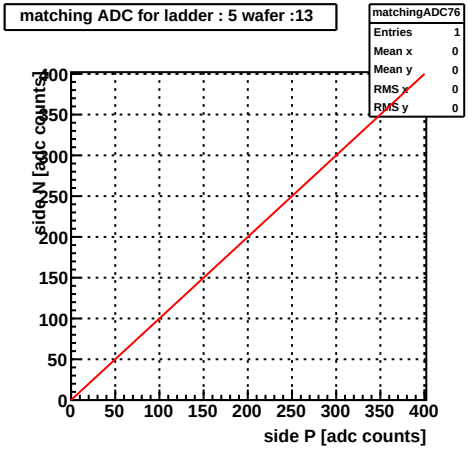

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1069
Mean x 73.8
Mean y 74.59
RMS x 58.67
RMS y 56.5
side N [adc counts]
side P [adc counts]

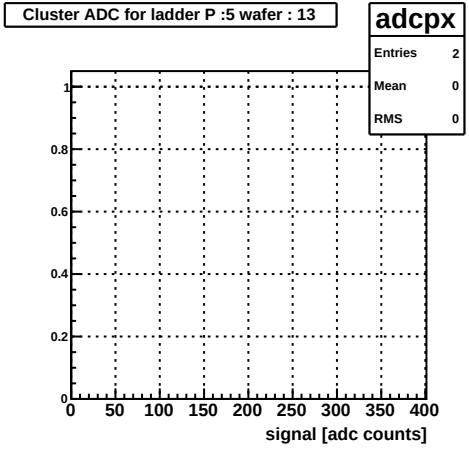

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9155
Mean 32.53
RMS 31.36
signal [adc counts]

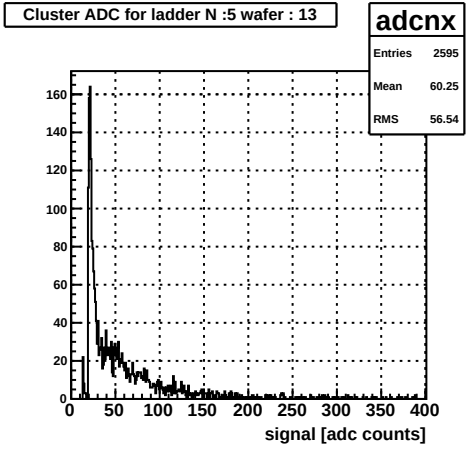

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2230
Mean 66.08
RMS 55.33
signal [adc counts]

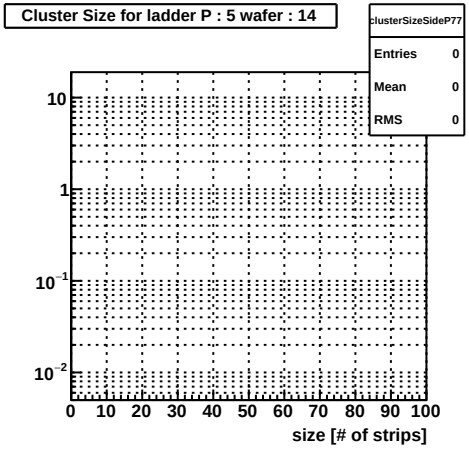

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 2
Mean 1
RMS 0
size [# of strips]

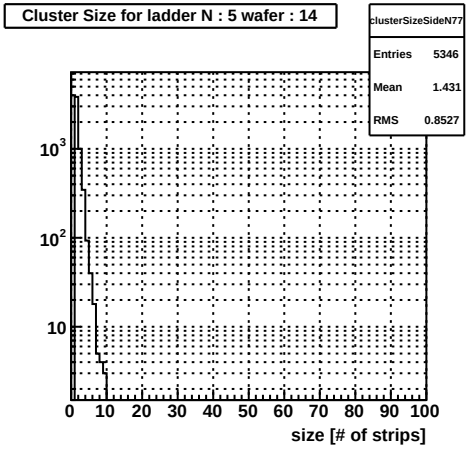

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2595
Mean 1.371
RMS 0.7622
size [# of strips]

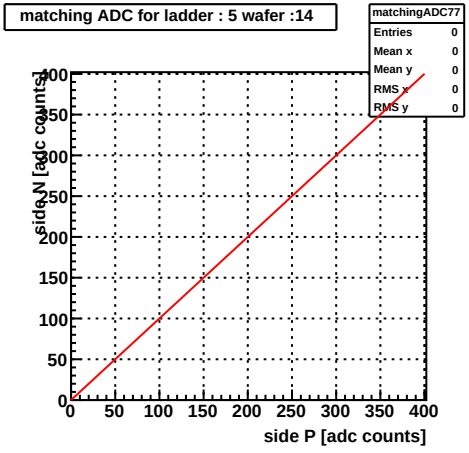

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

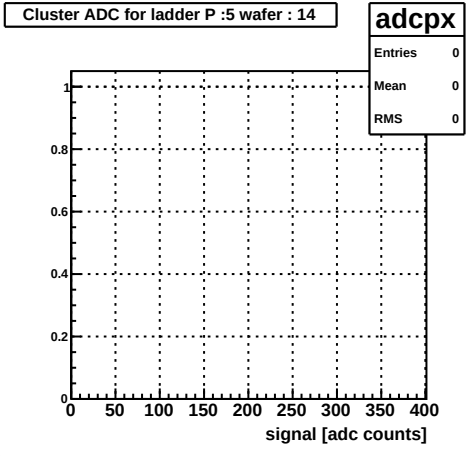

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

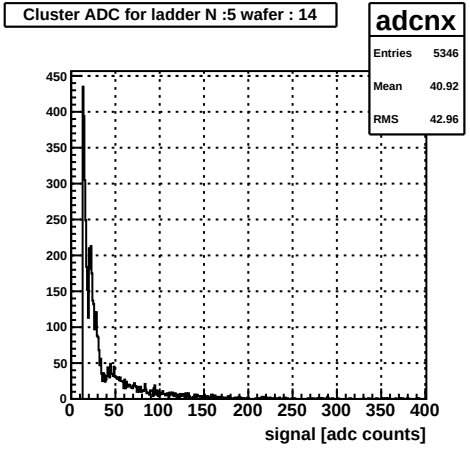

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2595
Mean 60.25
RMS 56.54
signal [adc counts]

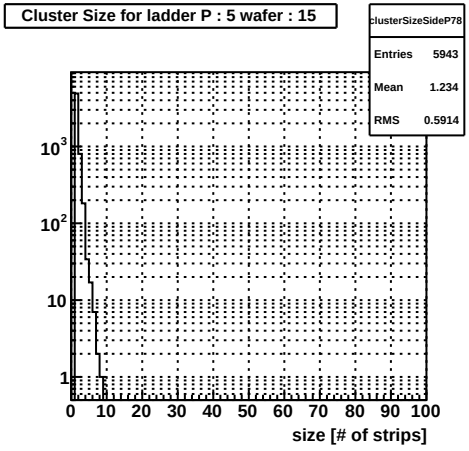

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

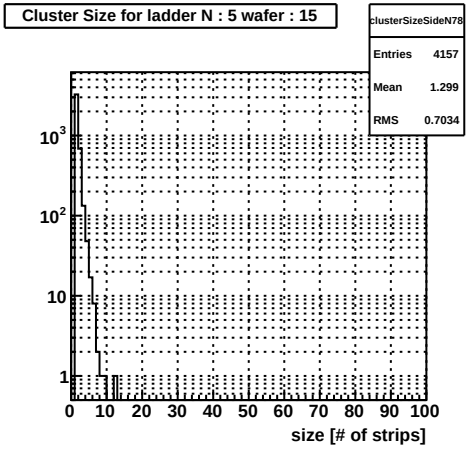

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5346
Mean 1.431
RMS 0.8527
size [# of strips]

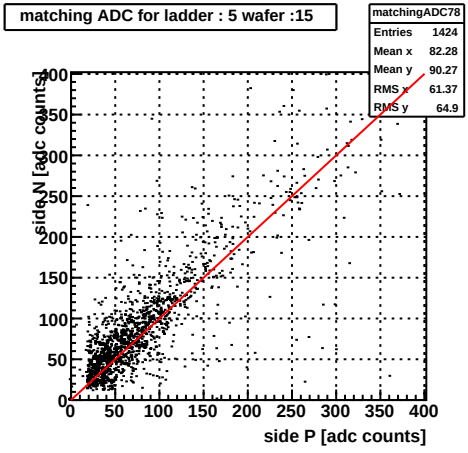

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

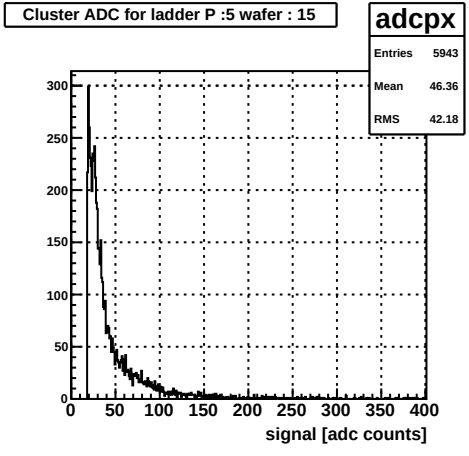

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

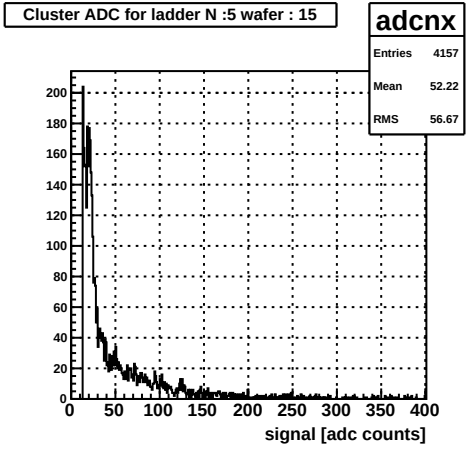

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5346
Mean 40.92
RMS 42.96
signal [adc counts]

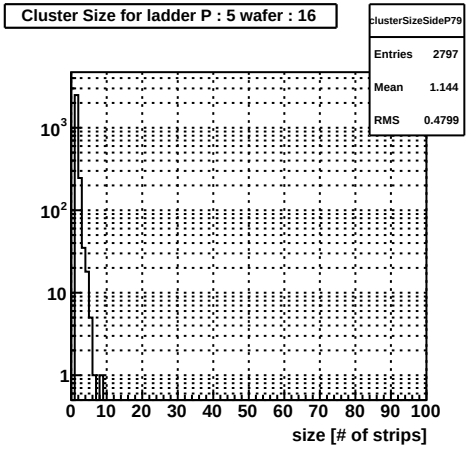

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5943
Mean 1.234
RMS 0.5914
size [# of strips]

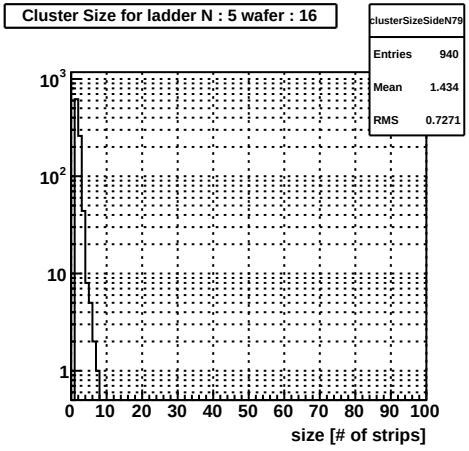

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 4157
Mean 1.299
RMS 0.7034
size [# of strips]

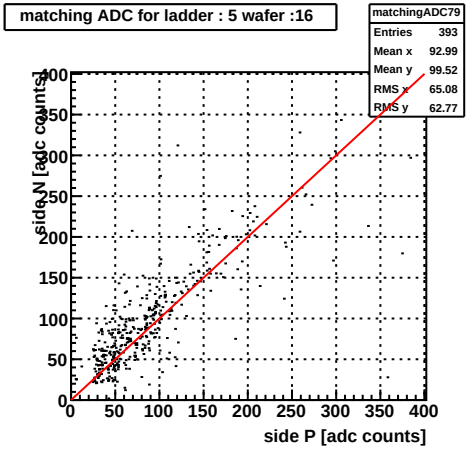

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1424
Mean x 82.28
Mean y 90.27
RMS x 61.37
RMS y 64.9
side N [adc counts]
side P [adc counts]

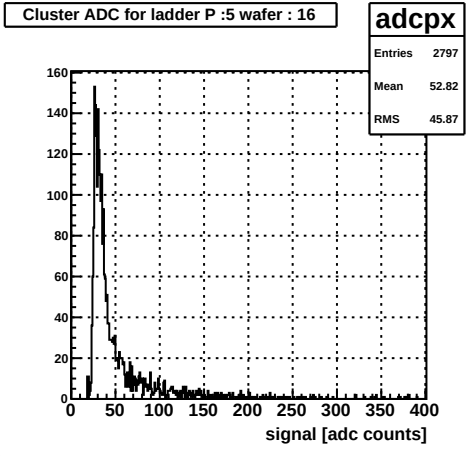

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5943
Mean 46.36
RMS 42.18
signal [adc counts]

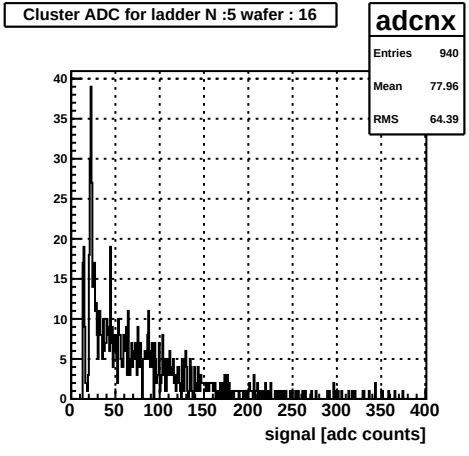

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 4157
Mean 52.22
RMS 56.67
signal [adc counts]

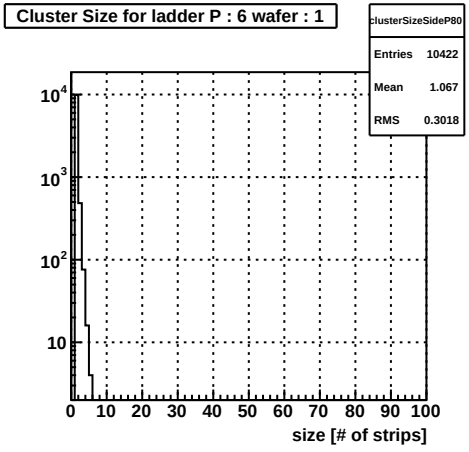

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2797
Mean 1.144
RMS 0.4799
size [# of strips]

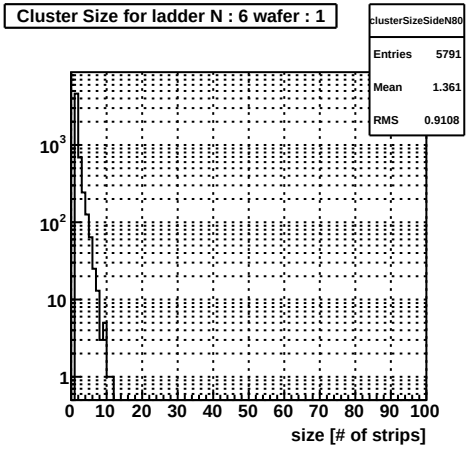

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 940
Mean 1.434
RMS 0.7271
size [# of strips]

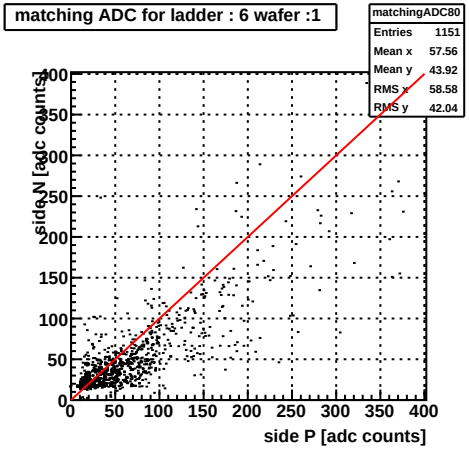

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 393
Mean x 92.99
Mean y 99.52
RMS x 65.08
RMS y 62.77
side N [adc counts]
side P [adc counts]

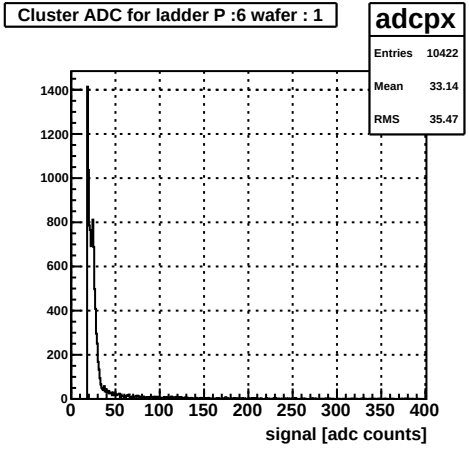

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2797
Mean 52.82
RMS 45.87
signal [adc counts]

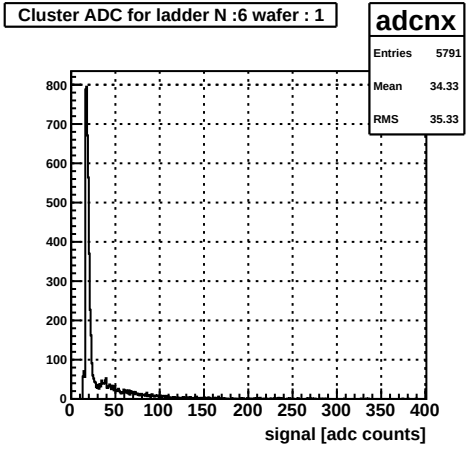

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 940
Mean 77.96
RMS 64.39
signal [adc counts]

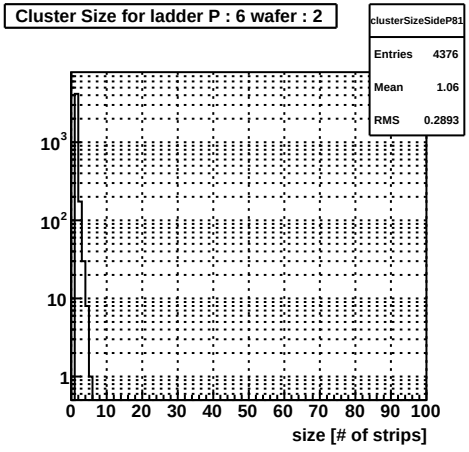

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10422
Mean 1.067
RMS 0.3018
size [# of strips]

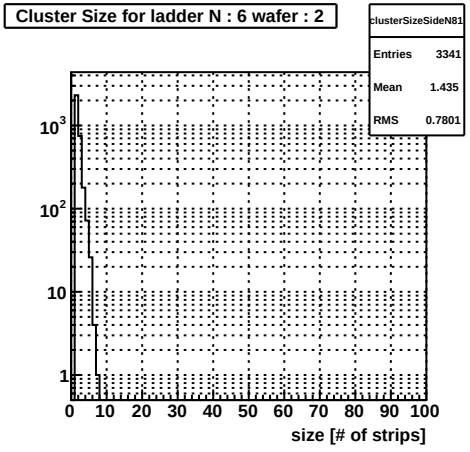

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5791
Mean 1.361
RMS 0.9108
size [# of strips]

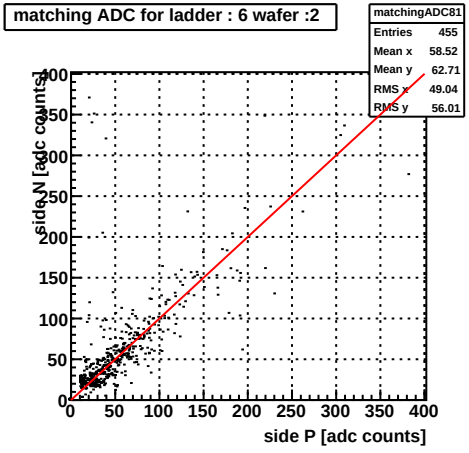

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1151
Mean x 57.56
Mean y 43.92
RMS x 58.58
RMS y 42.04
side N [adc counts]
side P [adc counts]

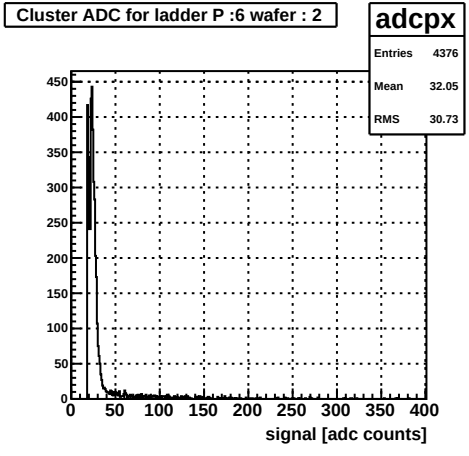

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10422
Mean 33.14
RMS 35.47
signal [adc counts]

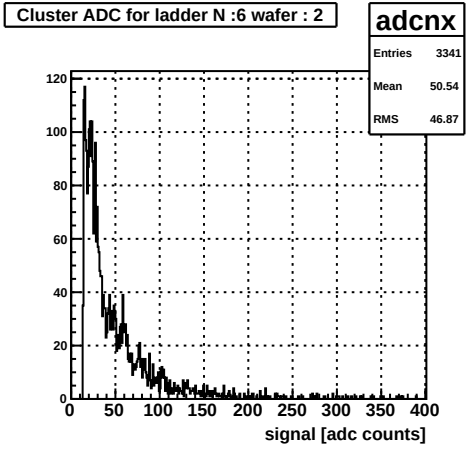

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5791
Mean 34.33
RMS 35.33
signal [adc counts]

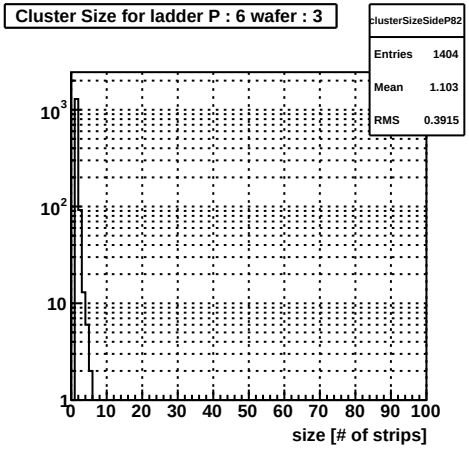

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4376
Mean 1.06
RMS 0.2893
size [# of strips]

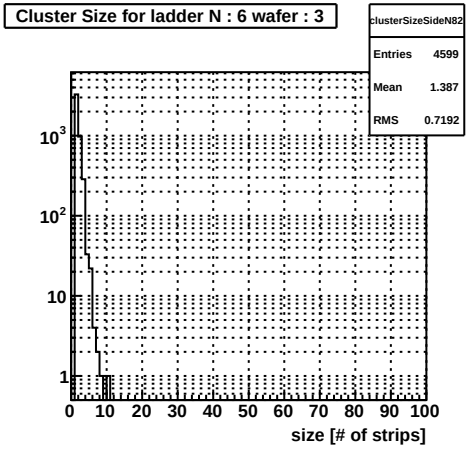

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3341
Mean 1.435
RMS 0.7801
size [# of strips]

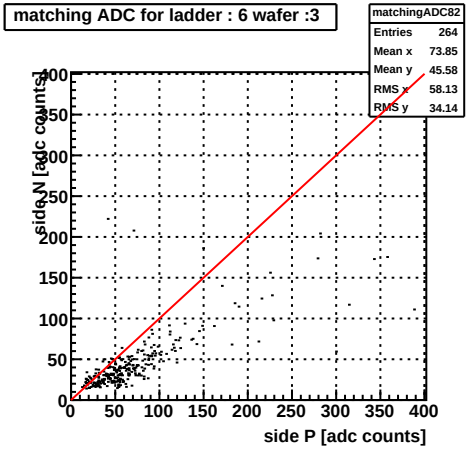

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 455
Mean x 58.52
Mean y 62.71
RMS x 49.04
RMS y 56.01
side N [adc counts]
side P [adc counts]

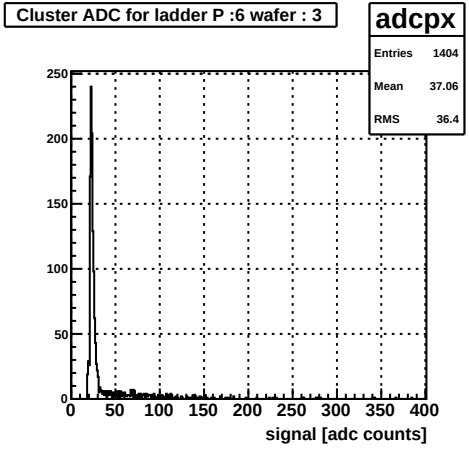

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4376
Mean 32.05
RMS 30.73
signal [adc counts]

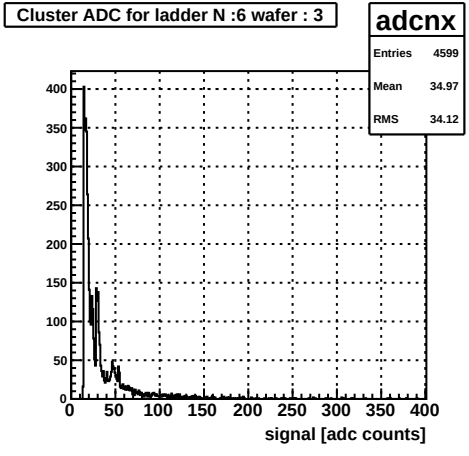

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3341
Mean 50.54
RMS 46.87
signal [adc counts]

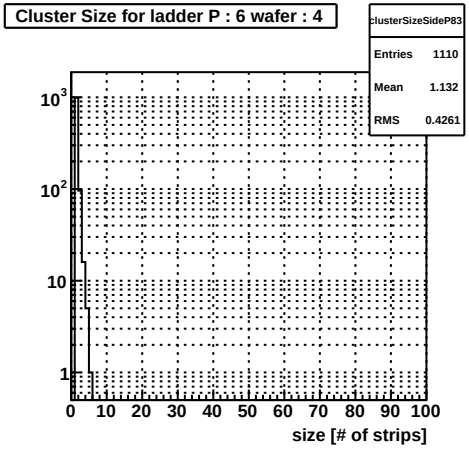

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1404
Mean 1.103
RMS 0.3915
size [# of strips]

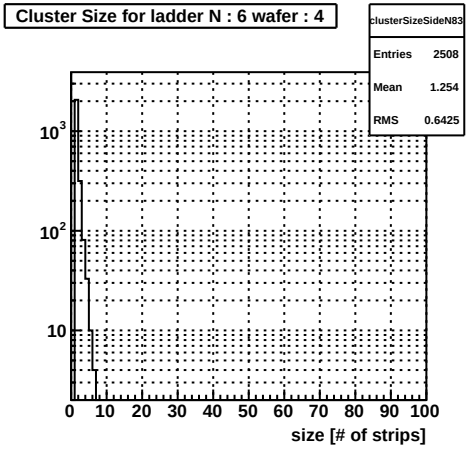

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4599
Mean 1.387
RMS 0.7192
size [# of strips]

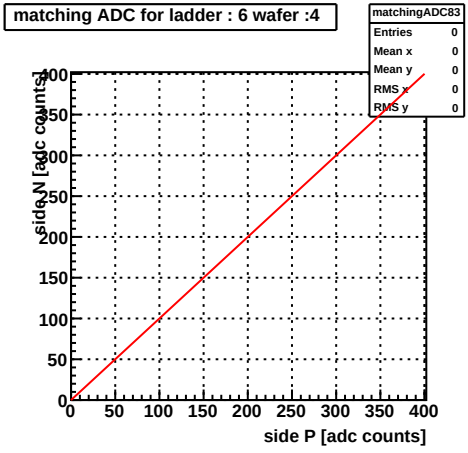

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 264
Mean x 73.85
Mean y 45.58
RMS x 58.13
RMS y 34.14
side N [adc counts]
side P [adc counts]

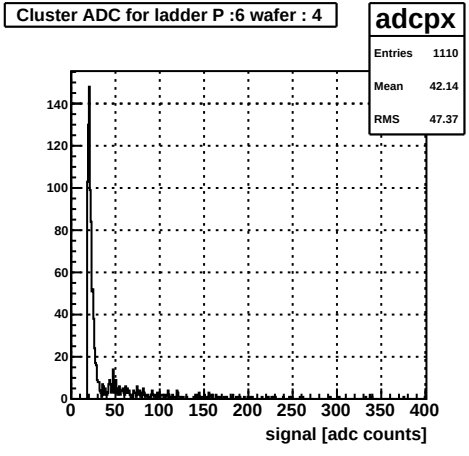

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1404
Mean 37.06
RMS 36.4
signal [adc counts]

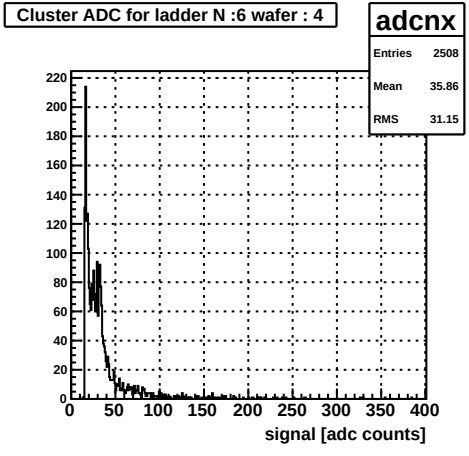

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4599
Mean 34.97
RMS 34.12
signal [adc counts]

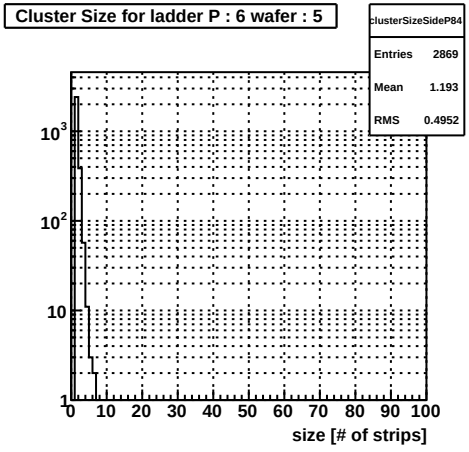

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1110
Mean 1.132
RMS 0.4261
size [# of strips]

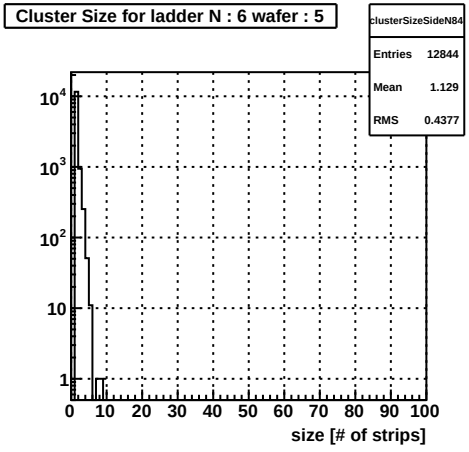

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2508
Mean 1.254
RMS 0.6425
size [# of strips]

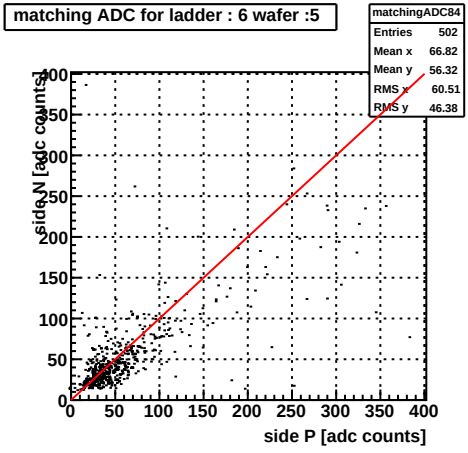

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

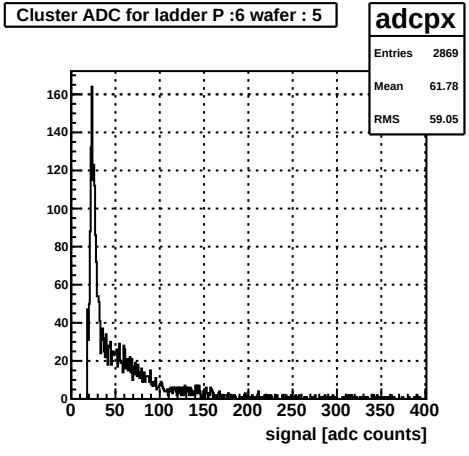

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1110
Mean 42.14
RMS 47.37
signal [adc counts]

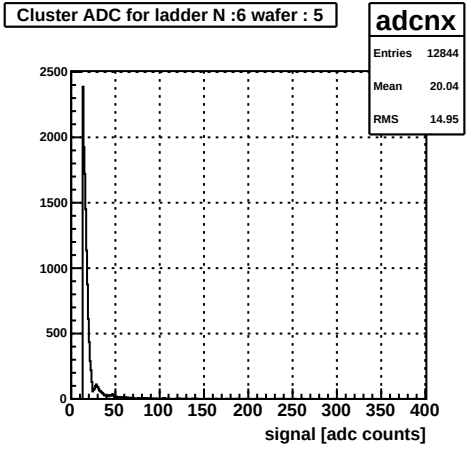

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2508
Mean 35.86
RMS 31.15
signal [adc counts]

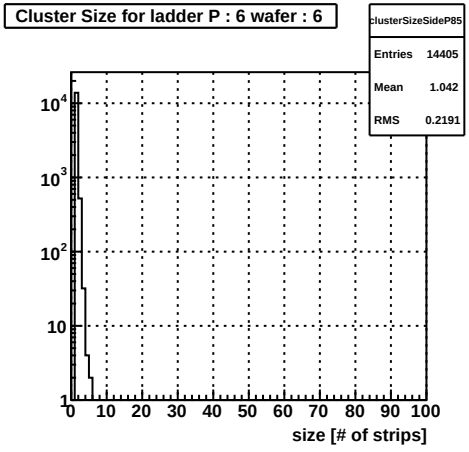

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2869
Mean 1.193
RMS 0.4952
size [# of strips]

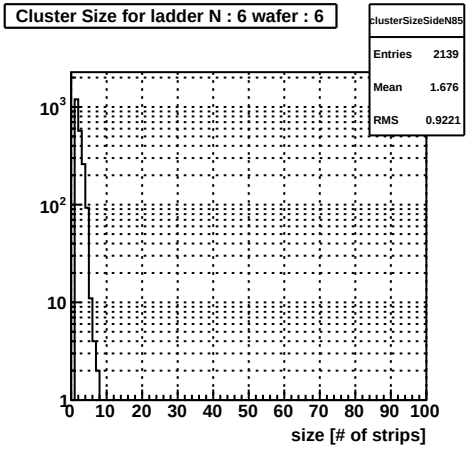

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 12844
Mean 1.129
RMS 0.4377
size [# of strips]

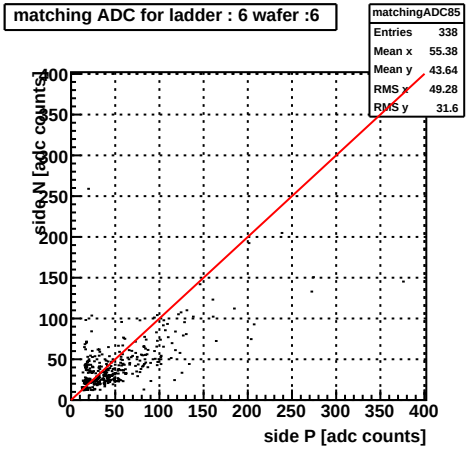

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 502
Mean x 66.82
Mean y 56.32
RMS x 60.51
RMS y 46.38
side N [adc counts]
side P [adc counts]

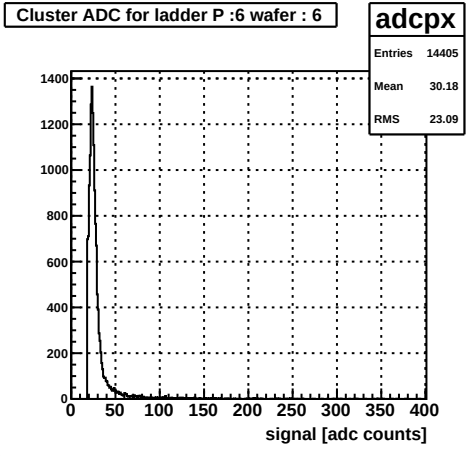

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2869
Mean 61.78
RMS 59.05
signal [adc counts]

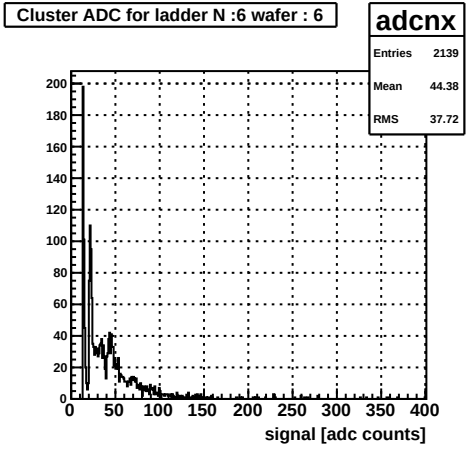

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 12844
Mean 20.04
RMS 14.95
signal [adc counts]

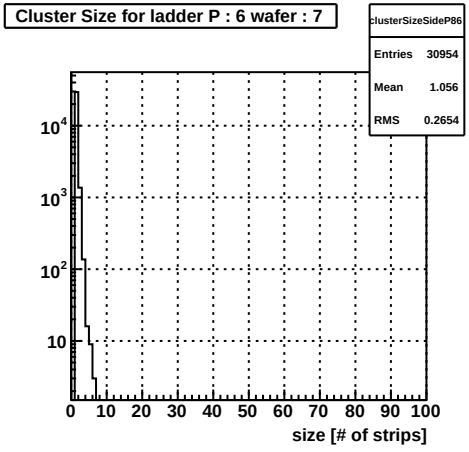

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 14405
Mean 1.042
RMS 0.2191
size [# of strips]

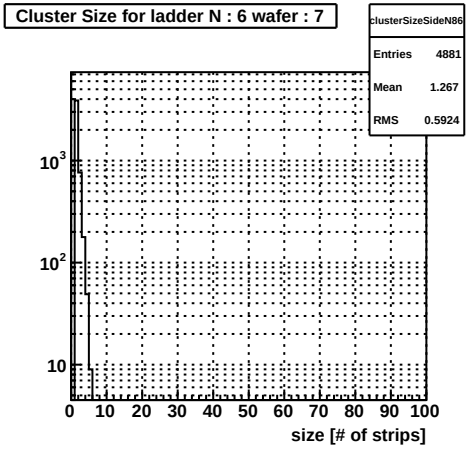

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2139
Mean 1.676
RMS 0.9221
size [# of strips]

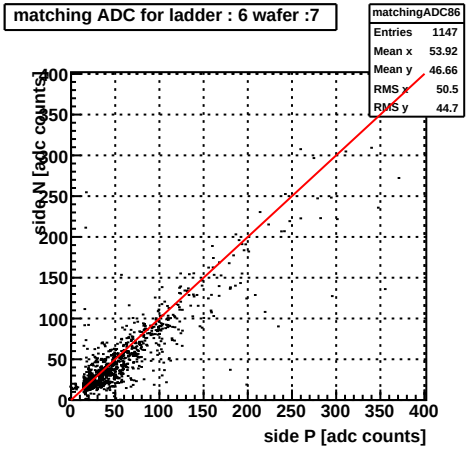

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 338
Mean x 55.38
Mean y 43.64
RMS x 49.28
RMS y 31.6
side N [adc counts]
side P [adc counts]

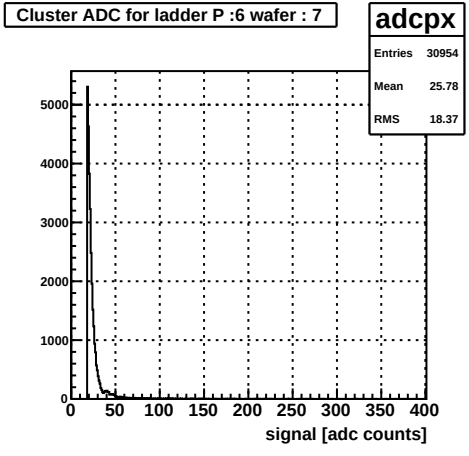

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 14405
Mean 30.18
RMS 23.09
signal [adc counts]

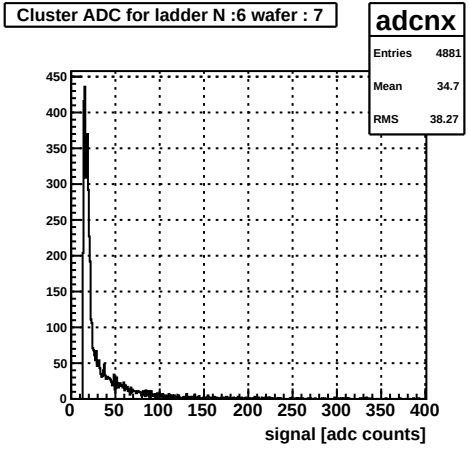

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2139
Mean 44.38
RMS 37.72
signal [adc counts]

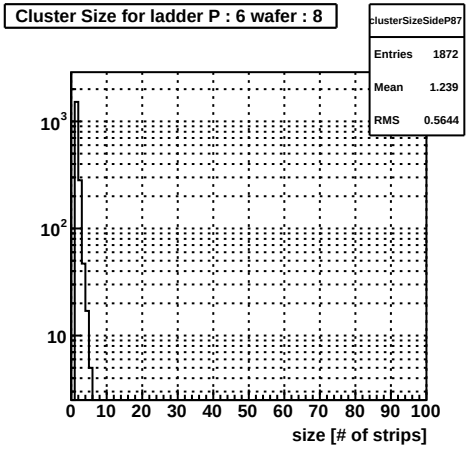

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 30954
Mean 1.056
RMS 0.2654
size [# of strips]

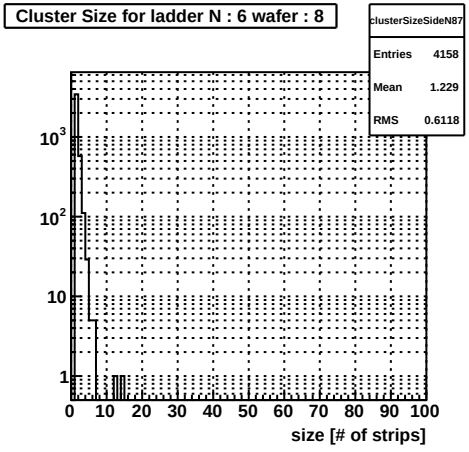

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4881
Mean 1.267
RMS 0.5924
size [# of strips]

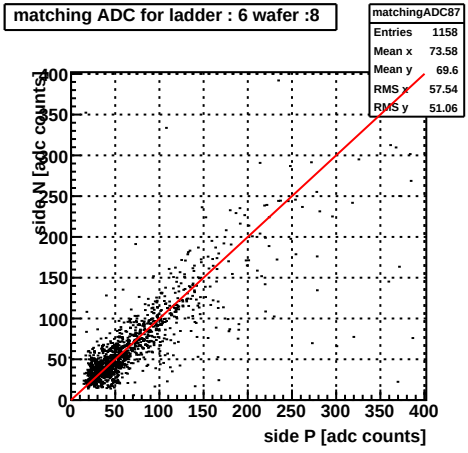

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1147
Mean x 53.92
Mean y 46.66
RMS x 50.5
RMS y 44.7
side N [adc counts]
side P [adc counts]

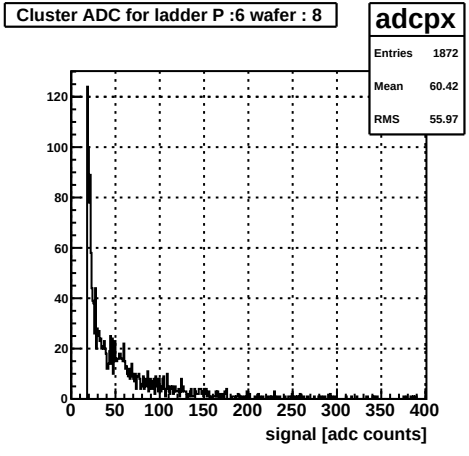

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 30954
Mean 25.78
RMS 18.37
signal [adc counts]

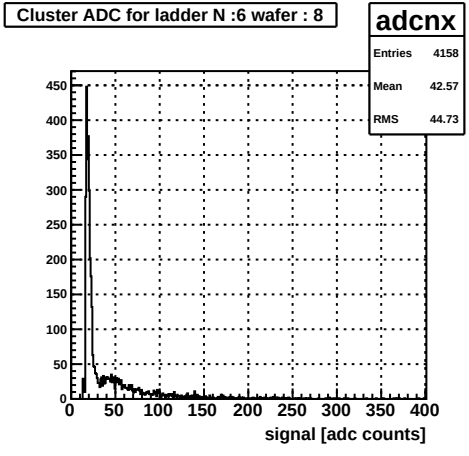

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4881
Mean 34.7
RMS 38.27
signal [adc counts]

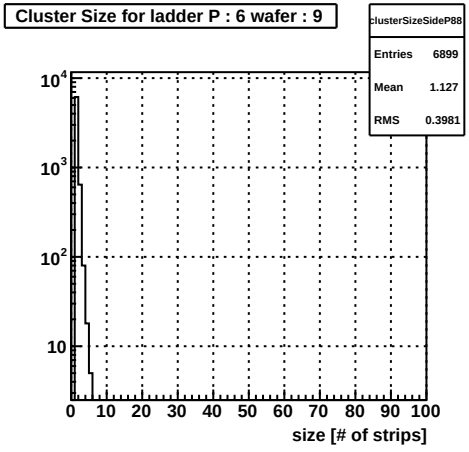

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1872
Mean 1.239
RMS 0.5644
size [# of strips]

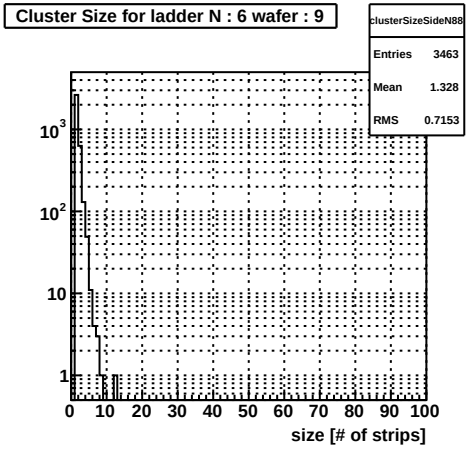

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4158
Mean 1.229
RMS 0.6118
size [# of strips]

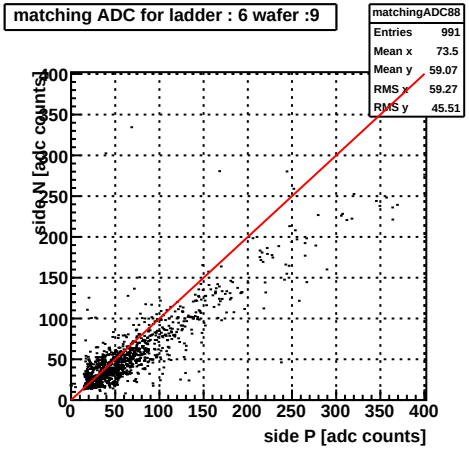

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1158
Mean x 73.58
Mean y 69.6
RMS x 57.54
RMS y 51.06
side N [adc counts]
side P [adc counts]

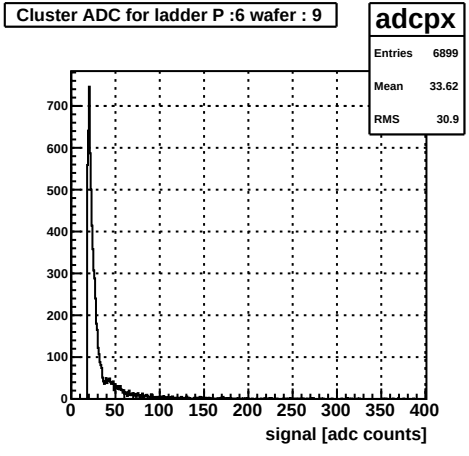

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1872
Mean 60.42
RMS 55.97
signal [adc counts]

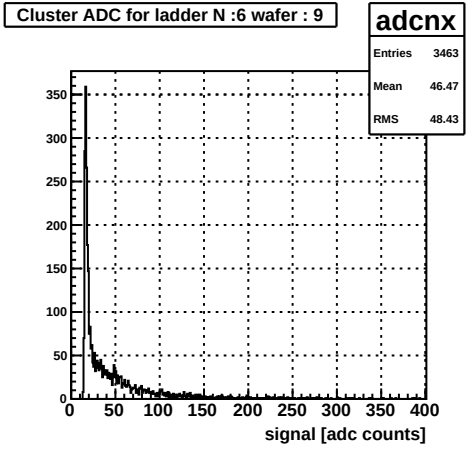

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4158
Mean 42.57
RMS 44.73
signal [adc counts]

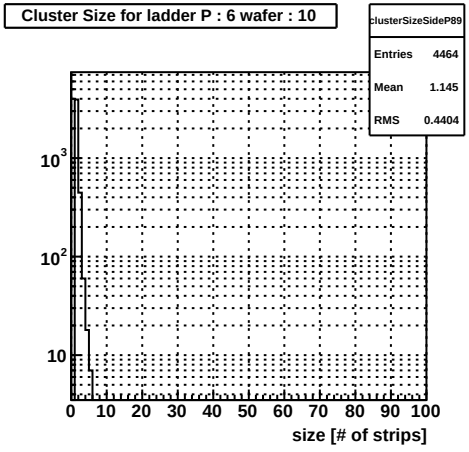

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6899
Mean 1.127
RMS 0.3981
size [# of strips]

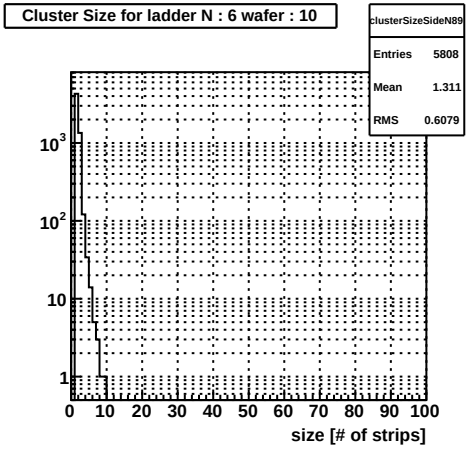

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3463
Mean 1.328
RMS 0.7153
size [# of strips]

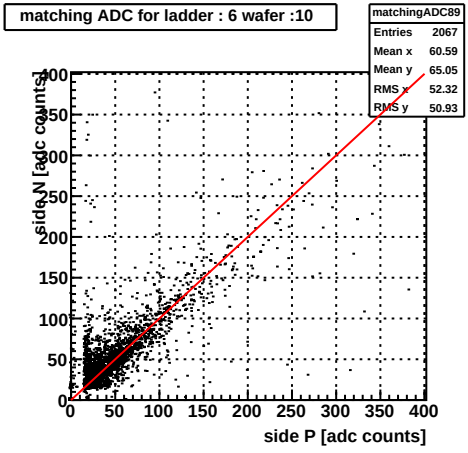

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 991
Mean x 73.5
Mean y 59.07
RMS x 59.27
RMS y 45.51
side N [adc counts]
side P [adc counts]

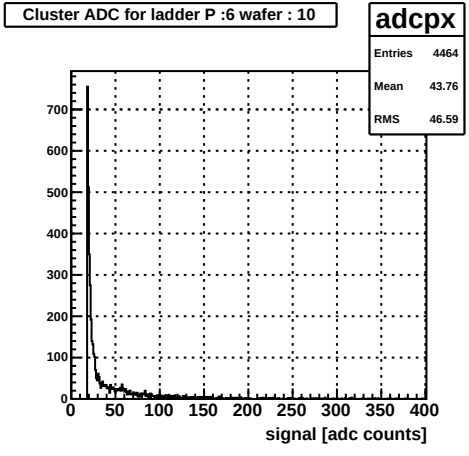

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6899
Mean 33.62
RMS 30.9
signal [adc counts]

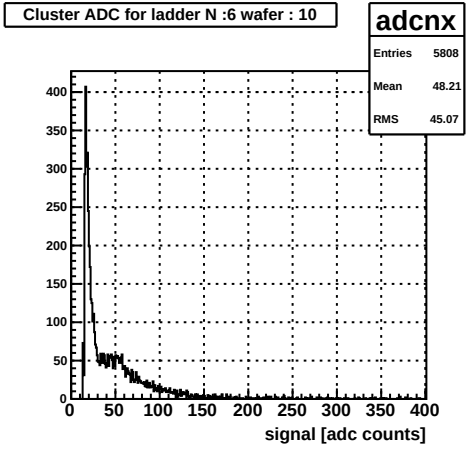

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3463
Mean 46.47
RMS 48.43
signal [adc counts]

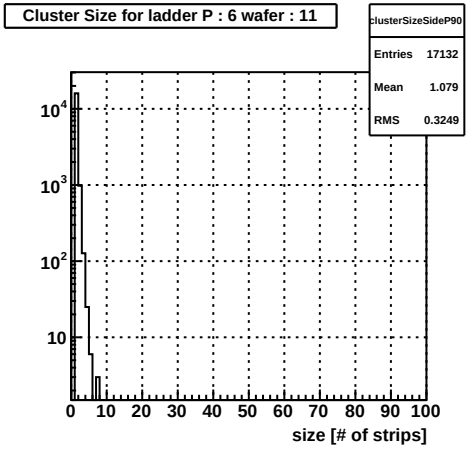

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4464
Mean 1.145
RMS 0.4404
size [# of strips]

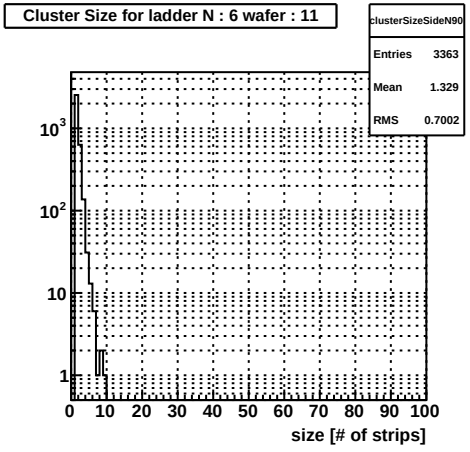

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5808
Mean 1.311
RMS 0.6079
size [# of strips]

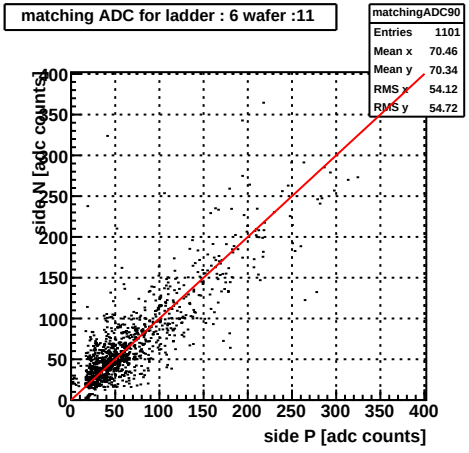

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2067
Mean x 60.59
Mean y 65.05
RMS x 52.32
RMS y 50.93
side N [adc counts]
side P [adc counts]

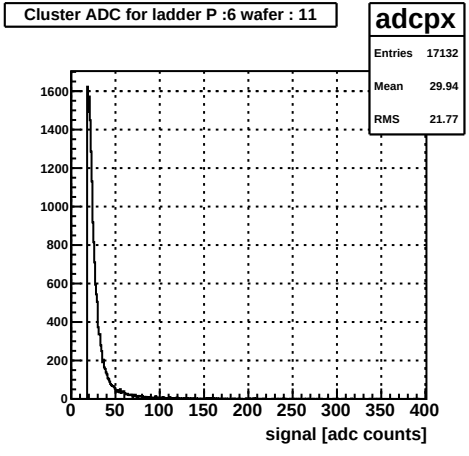

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4464
Mean 43.76
RMS 46.59
signal [adc counts]

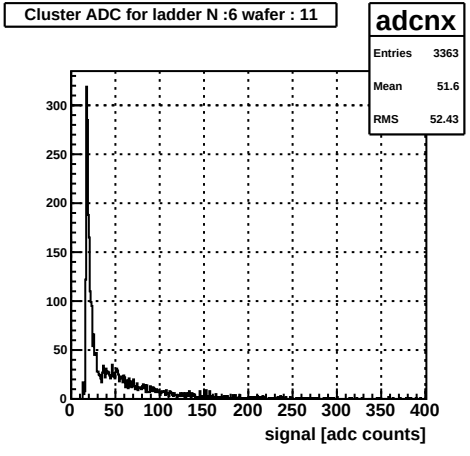

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5808
Mean 48.21
RMS 45.07
signal [adc counts]

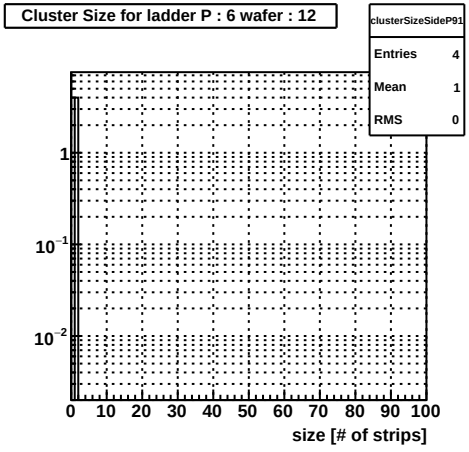

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 17132
Mean 1.079
RMS 0.3249
size [# of strips]

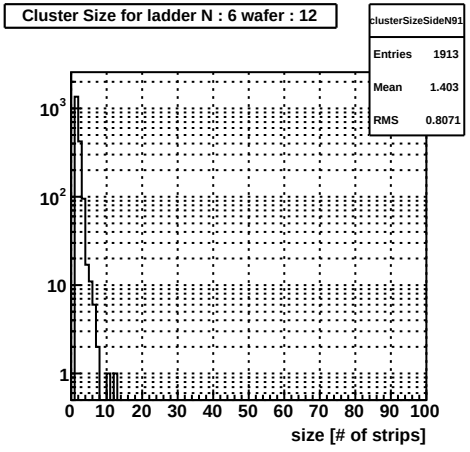

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3363
Mean 1.329
RMS 0.7002
size [# of strips]

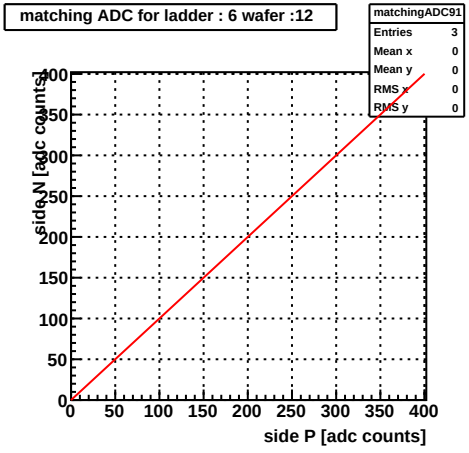

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1101
Mean x 70.46
Mean y 70.34
RMS x 54.12
RMS y 54.72
side N [adc counts]
side P [adc counts]

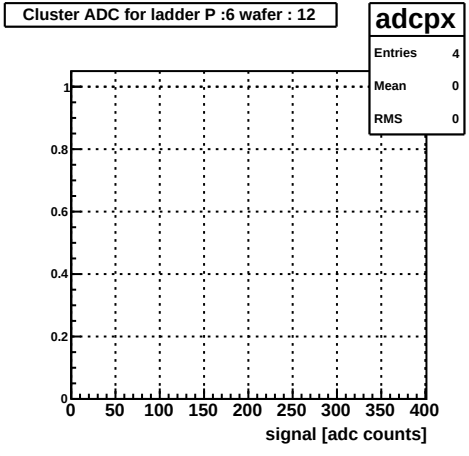

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 17132
Mean 29.94
RMS 21.77
signal [adc counts]

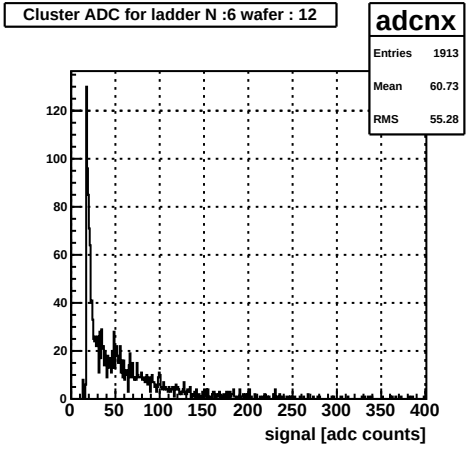

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3363
Mean 51.6
RMS 52.43
signal [adc counts]

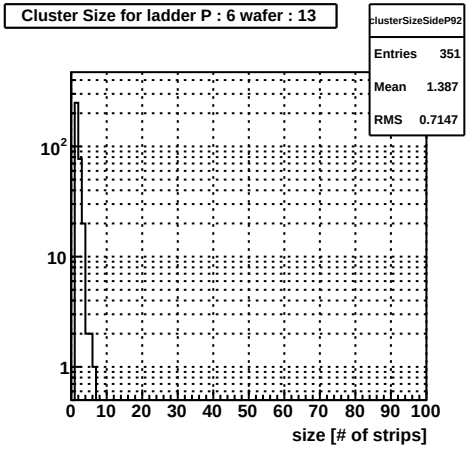

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 4
Mean 1
RMS 0
size [# of strips]

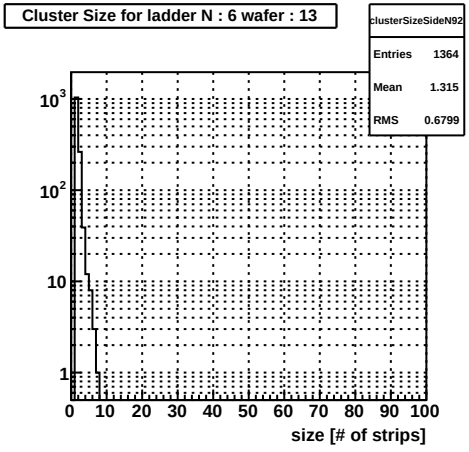

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1913
Mean 1.403
RMS 0.8071
size [# of strips]

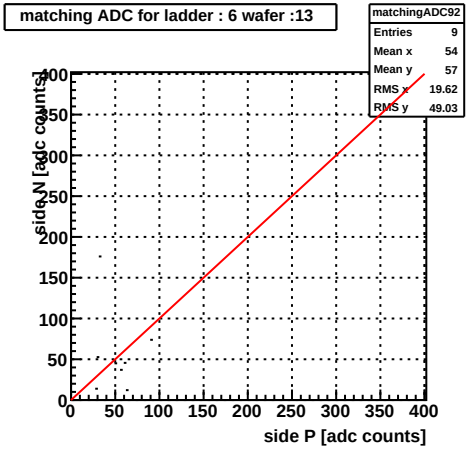

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

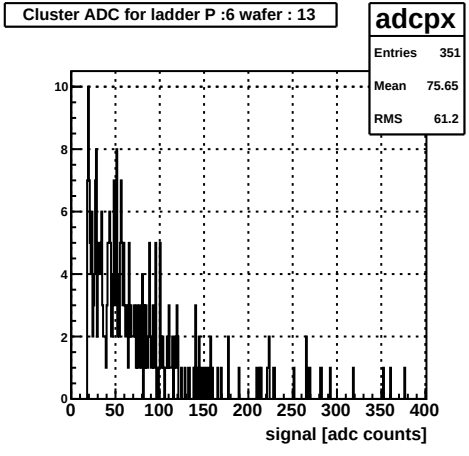

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

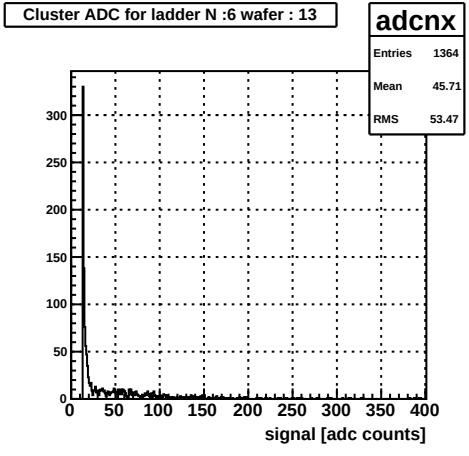

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1913
Mean 60.73
RMS 55.28
signal [adc counts]

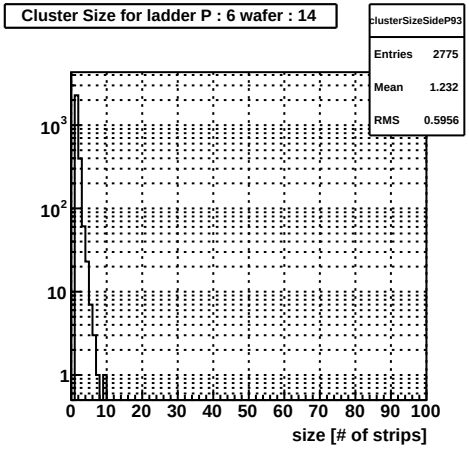

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 351
Mean 1.387
RMS 0.7147
size [# of strips]

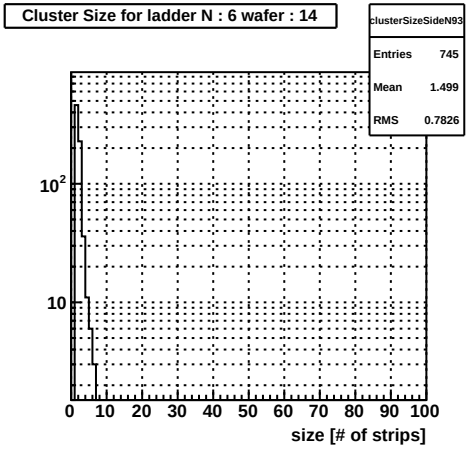

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1364
Mean 1.315
RMS 0.6799
size [# of strips]

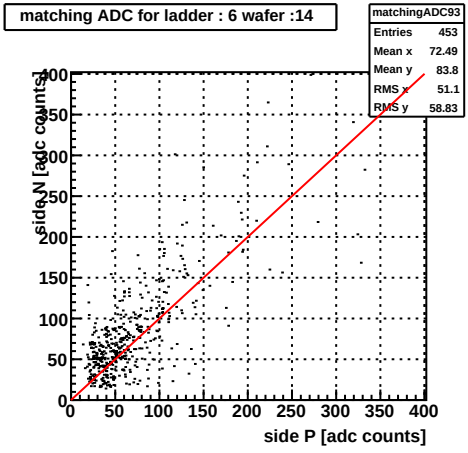

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 9
Mean x 54
Mean y 57
RMS x 19.62
RMS y 49.03
side N [adc counts]
side P [adc counts]

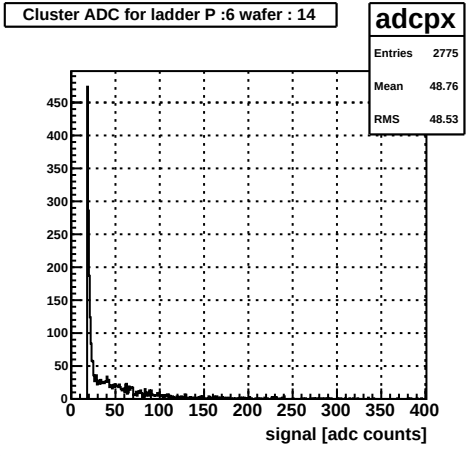

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 351
Mean 75.65
RMS 61.2
signal [adc counts]

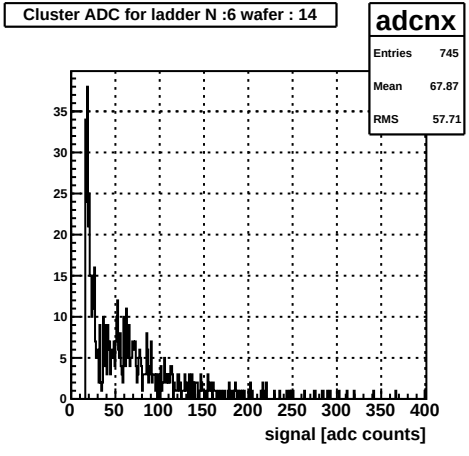

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1364
Mean 45.71
RMS 53.47
signal [adc counts]

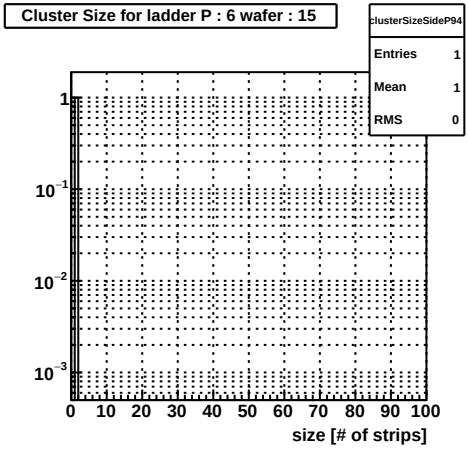

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2775
Mean 1.232
RMS 0.5956
size [# of strips]

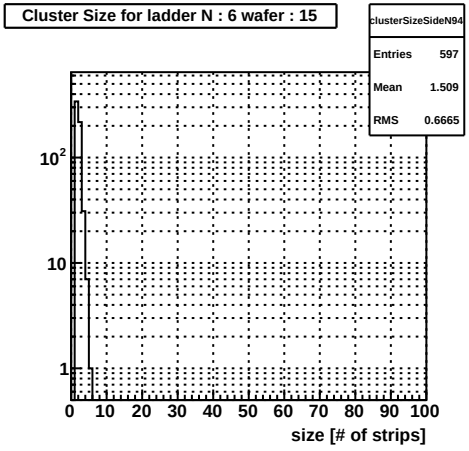

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 745
Mean 1.499
RMS 0.7826
size [# of strips]

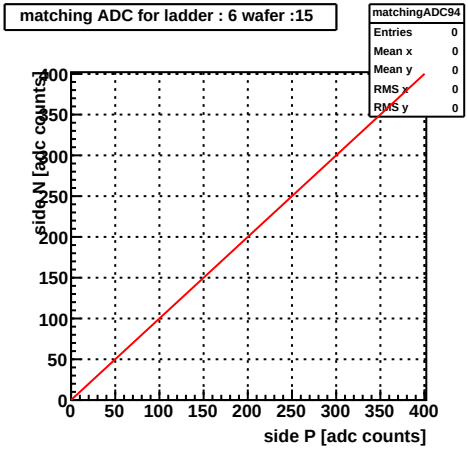

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 453
Mean x 72.49
Mean y 83.8
RMS x 51.1
RMS y 58.83
side N [adc counts]
side P [adc counts]

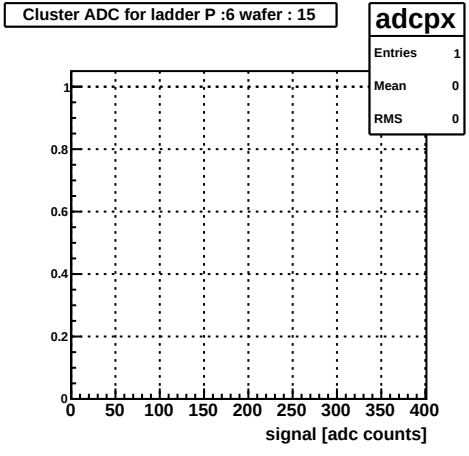

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2775
Mean 48.76
RMS 48.53
signal [adc counts]

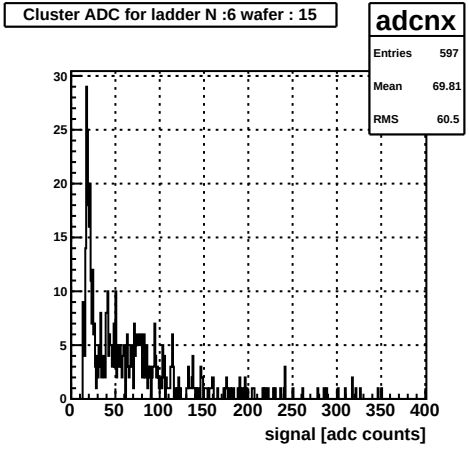

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 745
Mean 67.87
RMS 57.71
signal [adc counts]

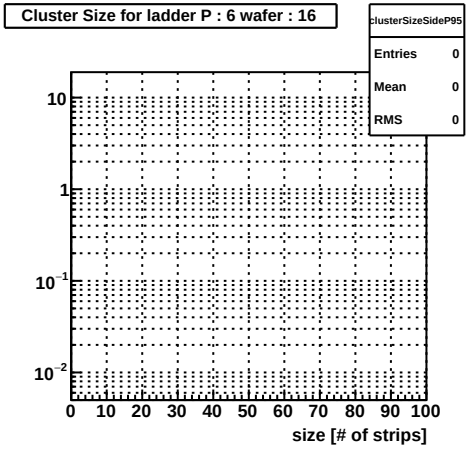

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

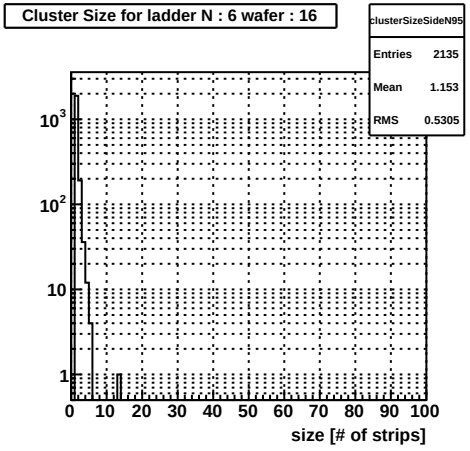

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 597
Mean 1.509
RMS 0.6665
size [# of strips]

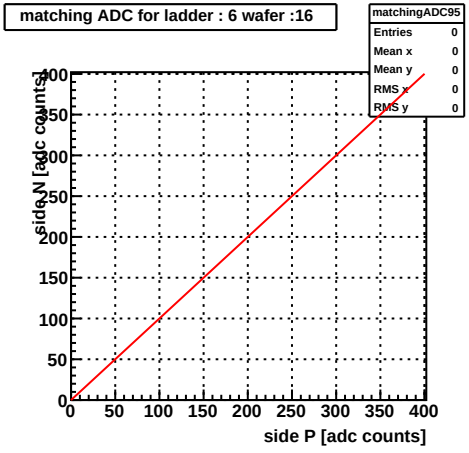

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

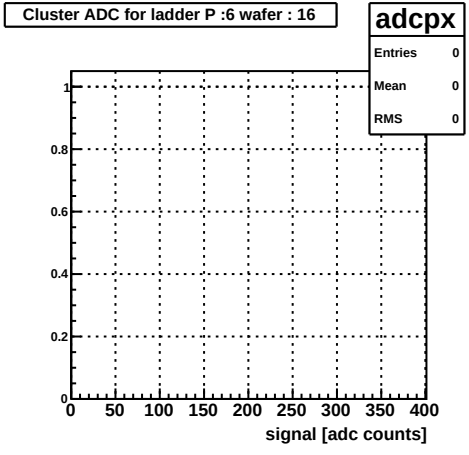

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

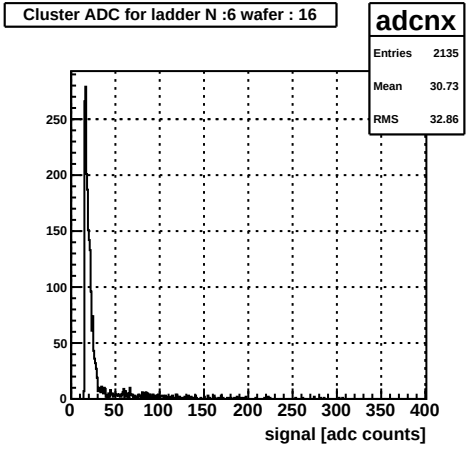

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 597
Mean 69.81
RMS 60.5
signal [adc counts]

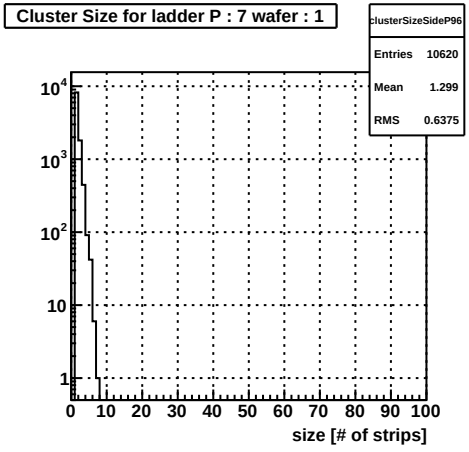

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

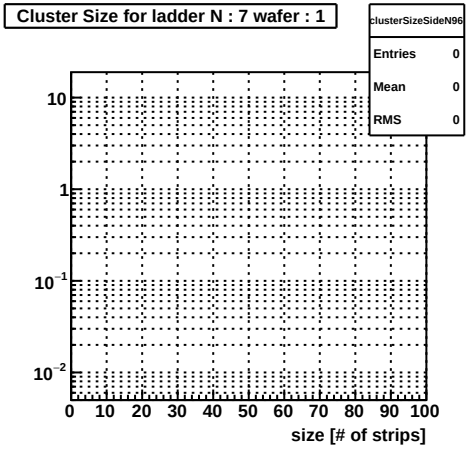

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2135
Mean 1.153
RMS 0.5305
size [# of strips]

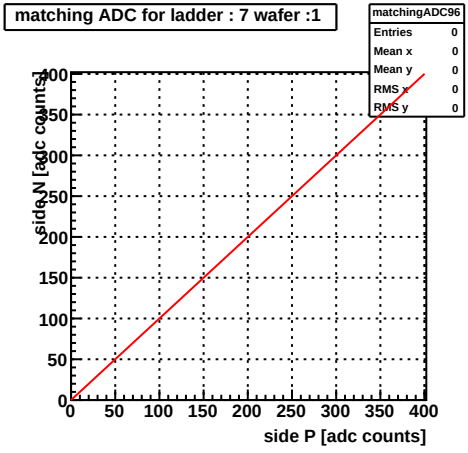

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

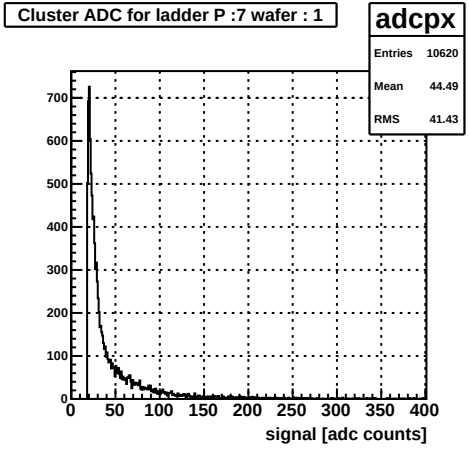

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

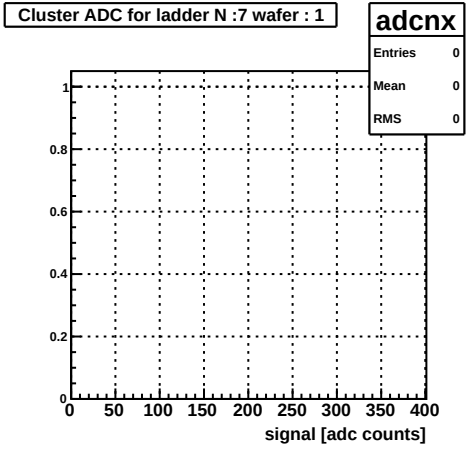

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2135
Mean 30.73
RMS 32.86
signal [adc counts]

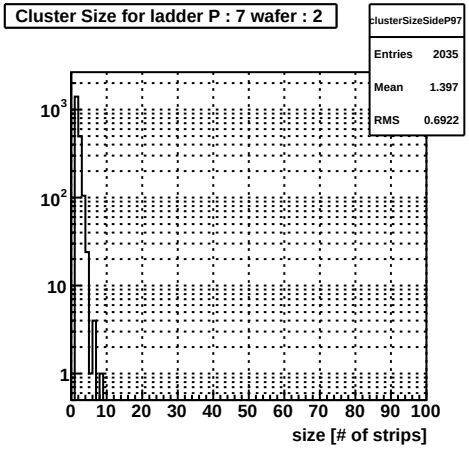

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 10620
Mean 1.299
RMS 0.6375
size [# of strips]

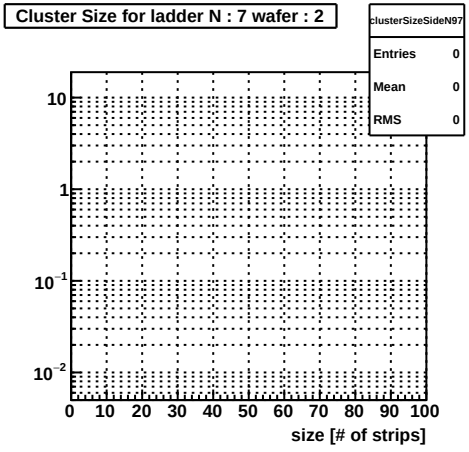

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

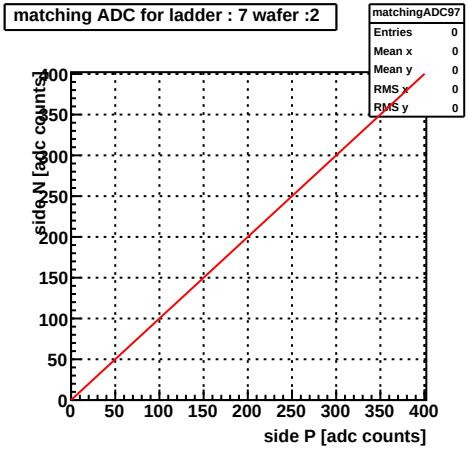

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

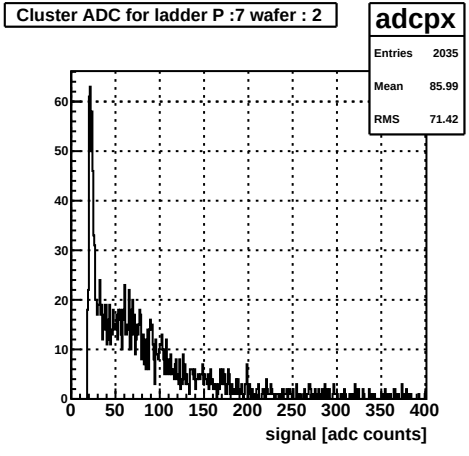

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 10620
Mean 44.49
RMS 41.43
signal [adc counts]

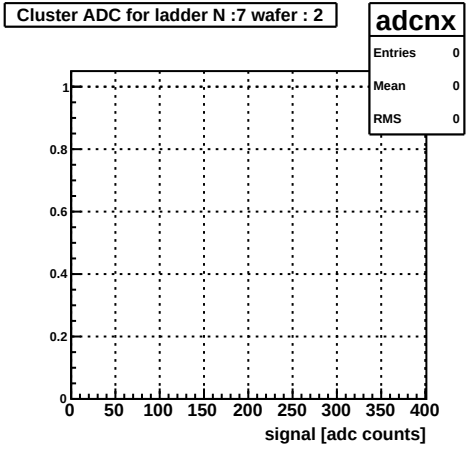

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

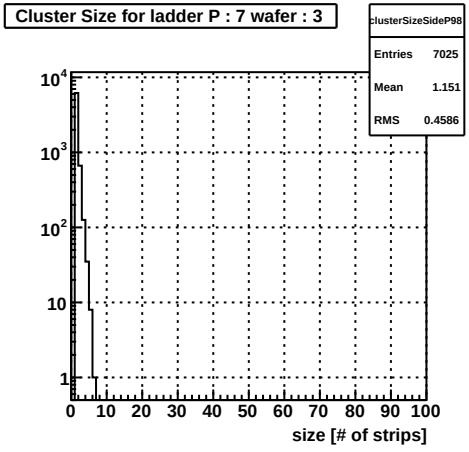

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2035
Mean 1.397
RMS 0.6922
size [# of strips]

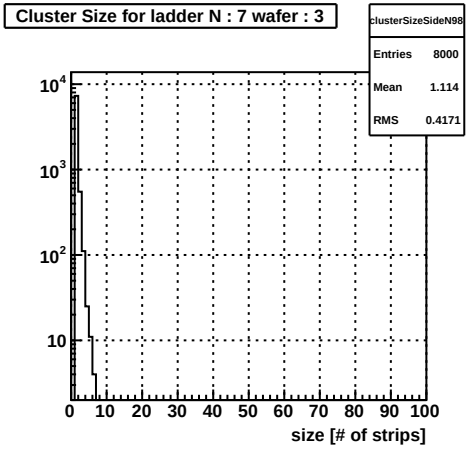

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

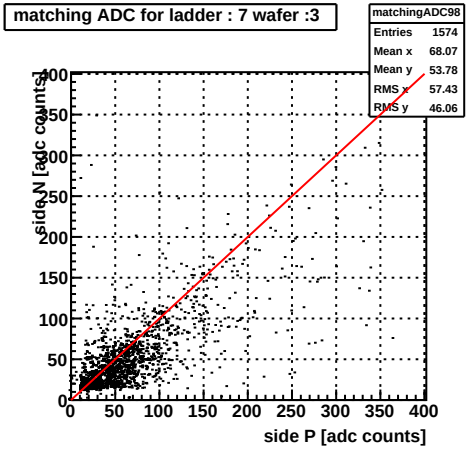

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

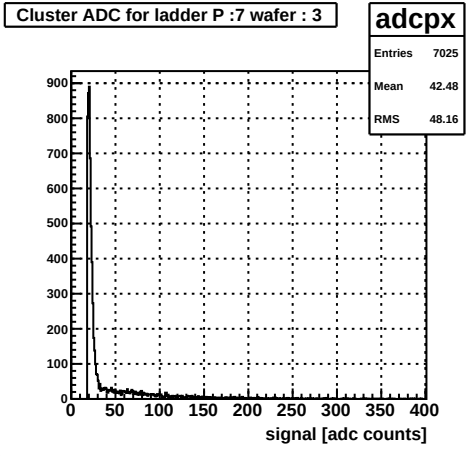

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2035
Mean 85.99
RMS 71.42
signal [adc counts]

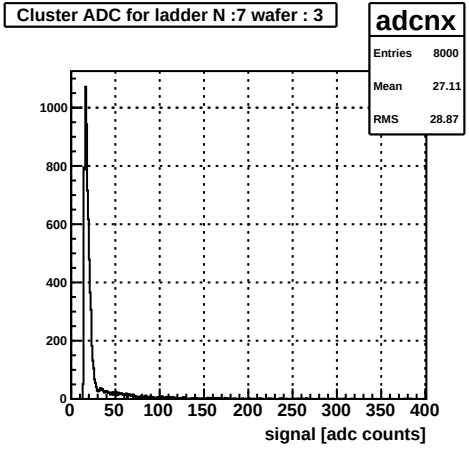

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

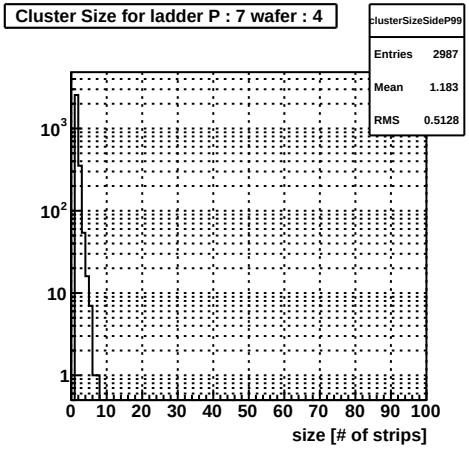

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7025
Mean 1.151
RMS 0.4586
size [# of strips]

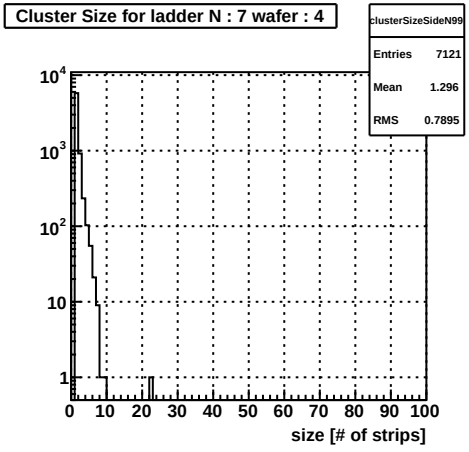

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 8000
Mean 1.114
RMS 0.4171
size [# of strips]

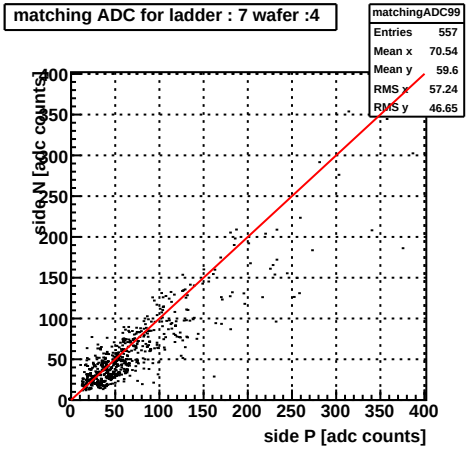

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1574
Mean x 68.07
Mean y 53.78
RMS x 57.43
RMS y 46.06
side N [adc counts]
side P [adc counts]

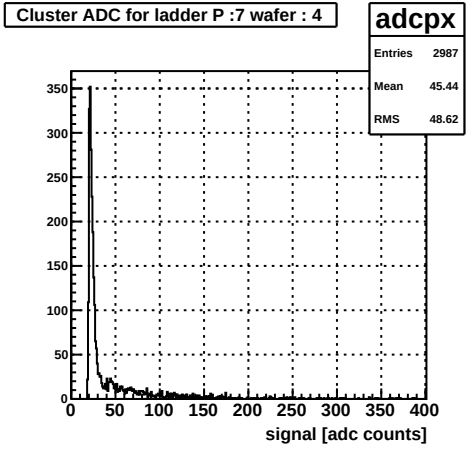

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7025
Mean 42.48
RMS 48.16
signal [adc counts]

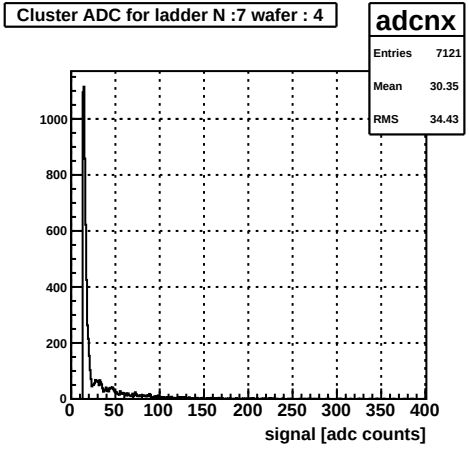

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 8000
Mean 27.11
RMS 28.87
signal [adc counts]

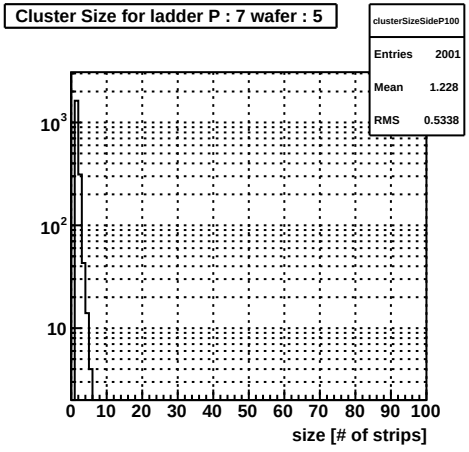

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2987
Mean 1.183
RMS 0.5128
size [# of strips]

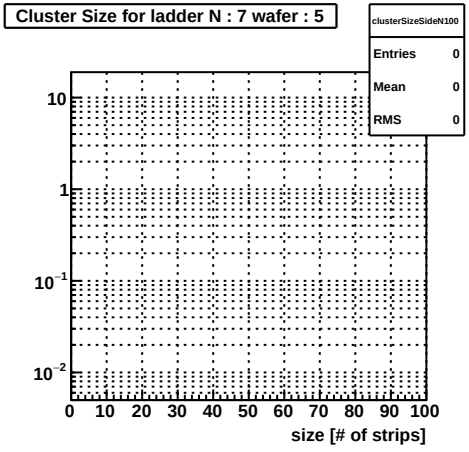

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 7121
Mean 1.296
RMS 0.7895
size [# of strips]

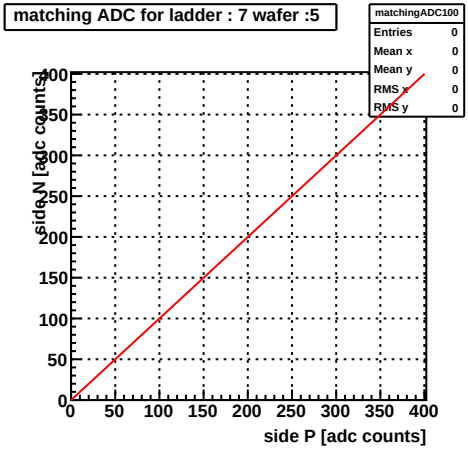

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 557
Mean x 70.54
Mean y 59.6
RMS x 57.24
RMS y 46.65
side N [adc counts]
side P [adc counts]

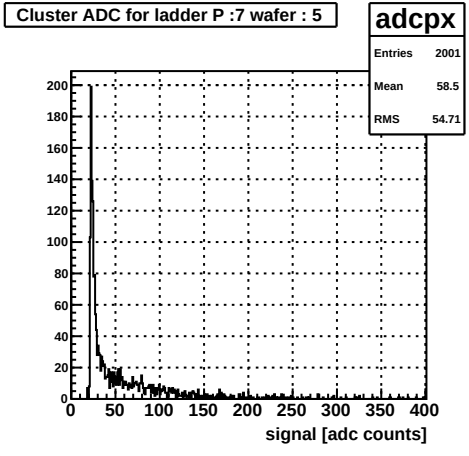

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2987
Mean 45.44
RMS 48.62
signal [adc counts]

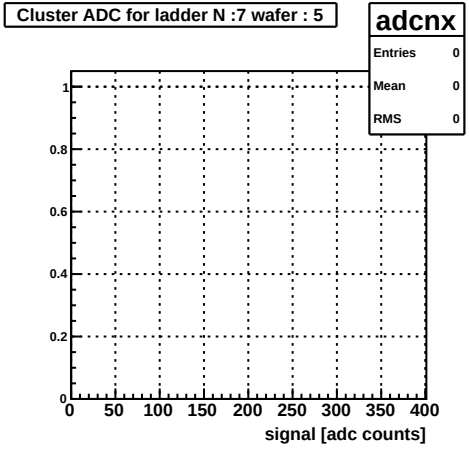

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 7121
Mean 30.35
RMS 34.43
signal [adc counts]

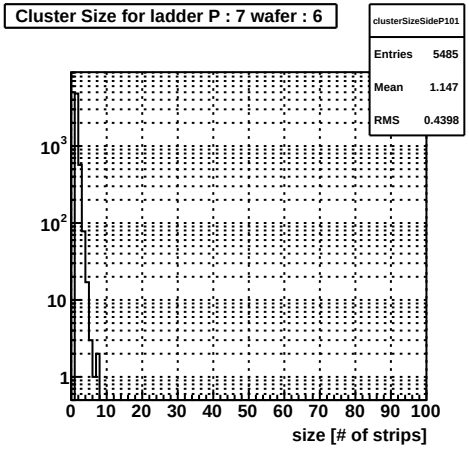

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 2001
Mean 1.228
RMS 0.5338
size [# of strips]

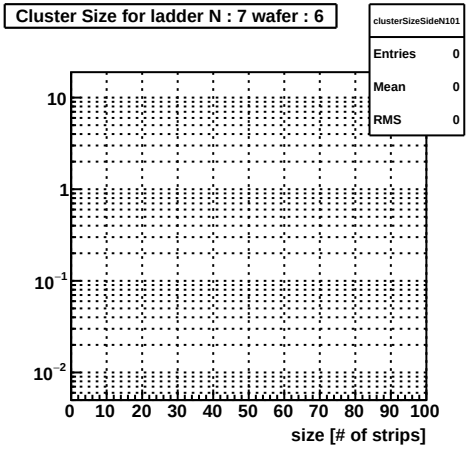

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

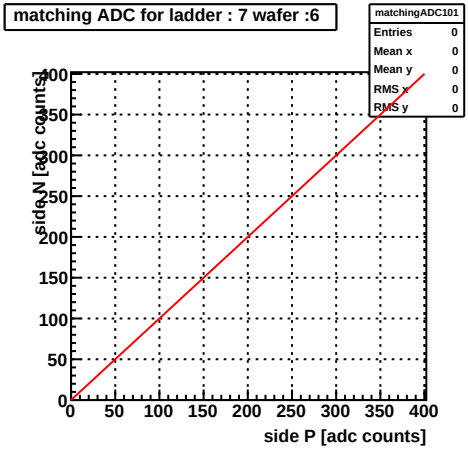

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

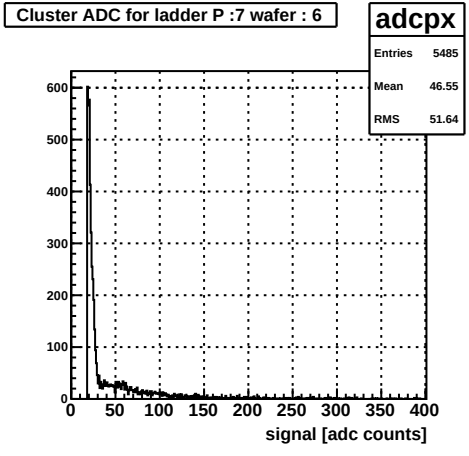

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 2001
Mean 58.5
RMS 54.71
signal [adc counts]

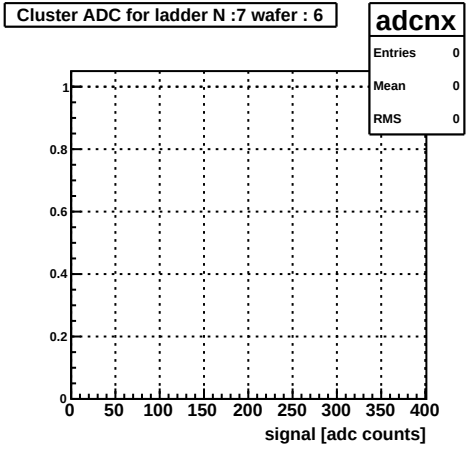

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

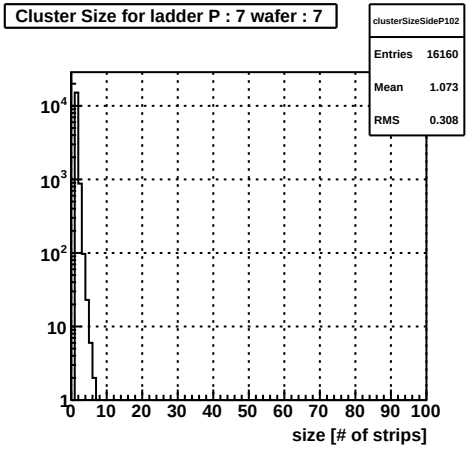

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 5485
Mean 1.147
RMS 0.4398
size [# of strips]

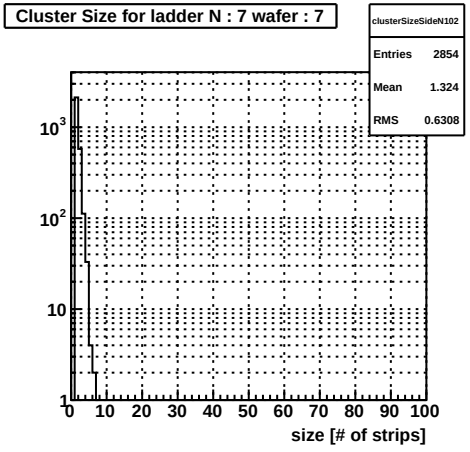

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

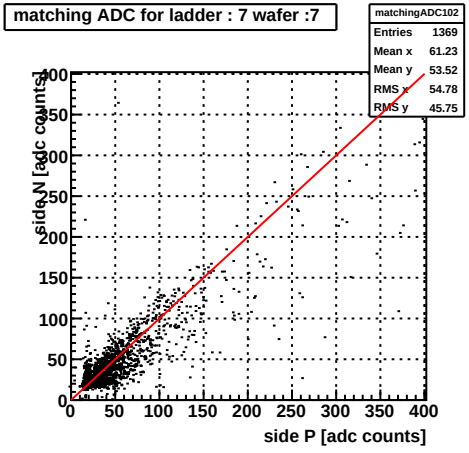

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

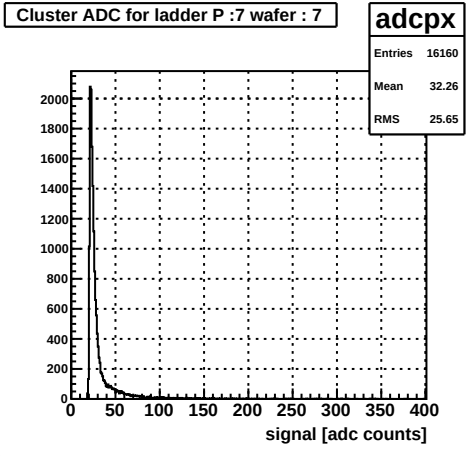

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 5485
Mean 46.55
RMS 51.64
signal [adc counts]

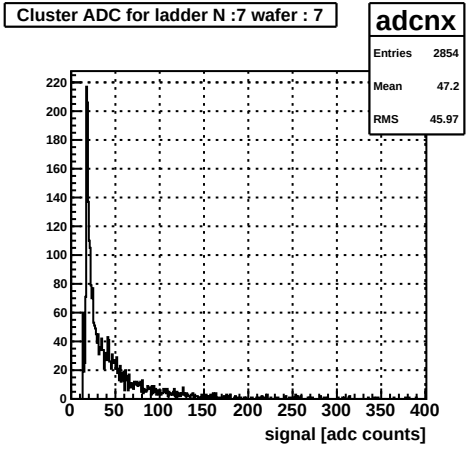

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

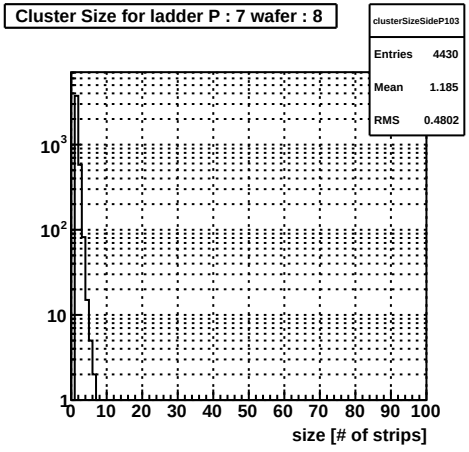

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 16160
Mean 1.073
RMS 0.308
size [# of strips]

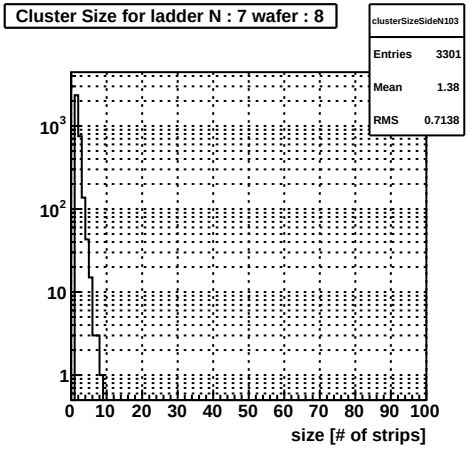

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2854
Mean 1.324
RMS 0.6308
size [# of strips]

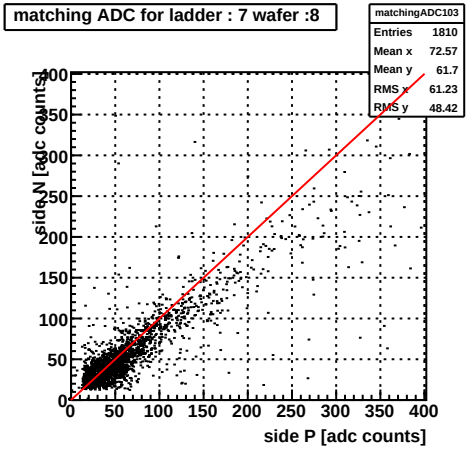

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1369
Mean x 61.23
Mean y 53.52
RMS x 54.78
RMS y 45.75
side N [adc counts]
side P [adc counts]

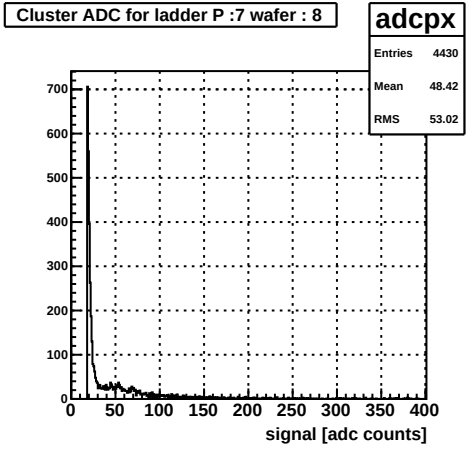

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 16160
Mean 32.26
RMS 25.65
signal [adc counts]

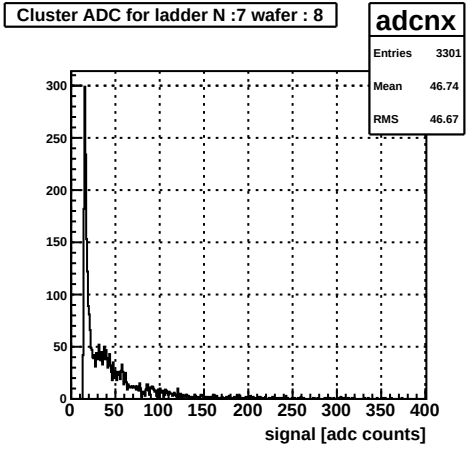

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2854
Mean 47.2
RMS 45.97
signal [adc counts]

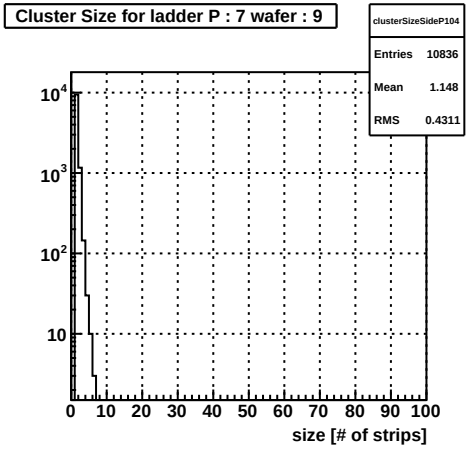

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4430
Mean 1.185
RMS 0.4802
size [# of strips]

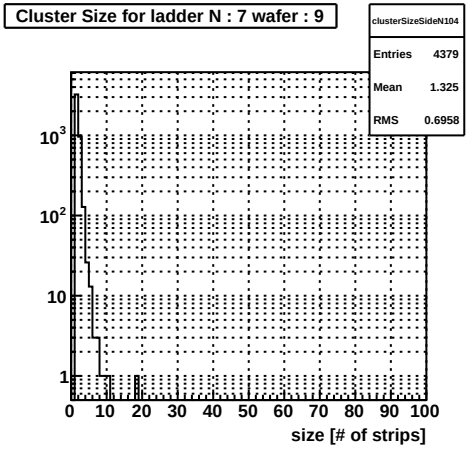

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3301
Mean 1.38
RMS 0.7138
size [# of strips]

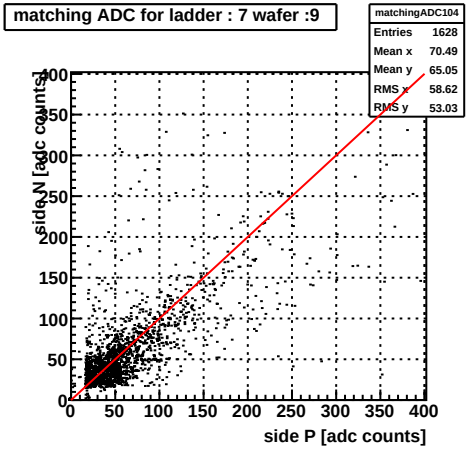

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1810
Mean x 72.57
Mean y 61.7
RMS x 61.23
RMS y 48.42
side N [adc counts]
side P [adc counts]

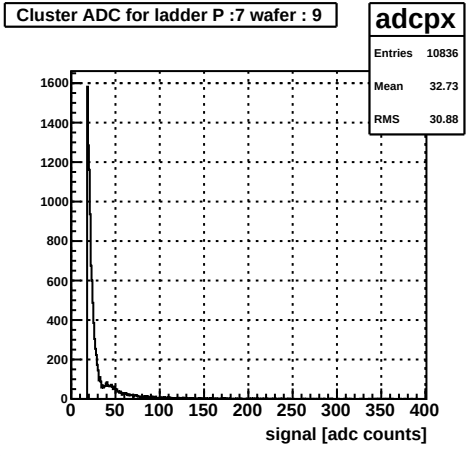

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4430
Mean 48.42
RMS 53.02
signal [adc counts]

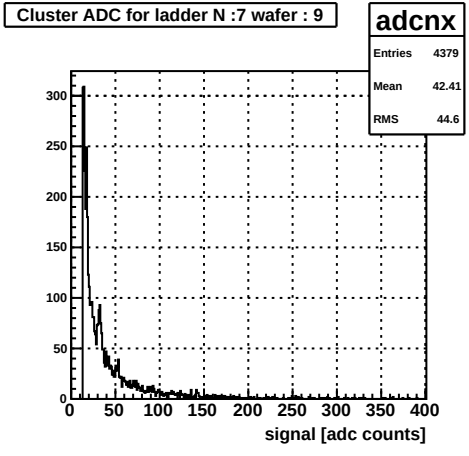

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3301
Mean 46.74
RMS 46.67
signal [adc counts]

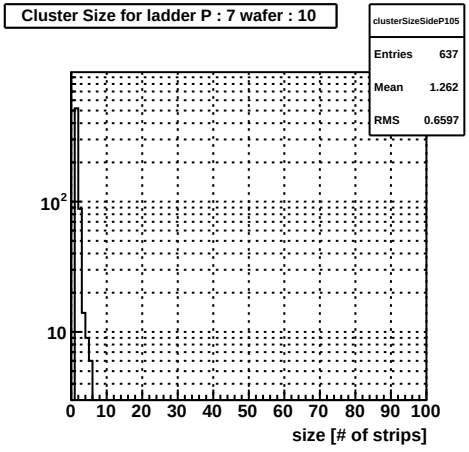

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 10836
Mean 1.148
RMS 0.4311
size [# of strips]

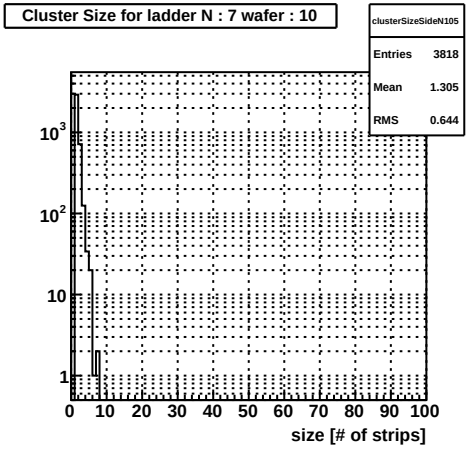

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4379
Mean 1.325
RMS 0.6958
size [# of strips]

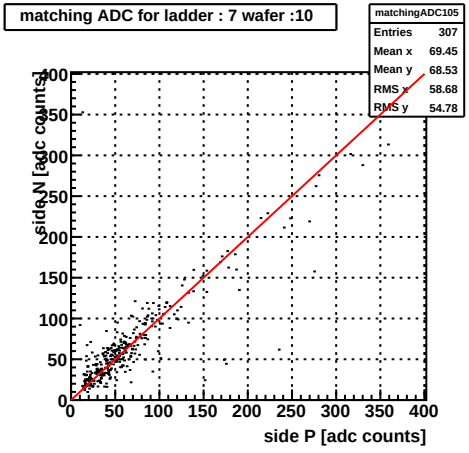

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1628
Mean x 70.49
Mean y 65.05
RMS x 58.62
RMS y 53.03
side N [adc counts]
side P [adc counts]

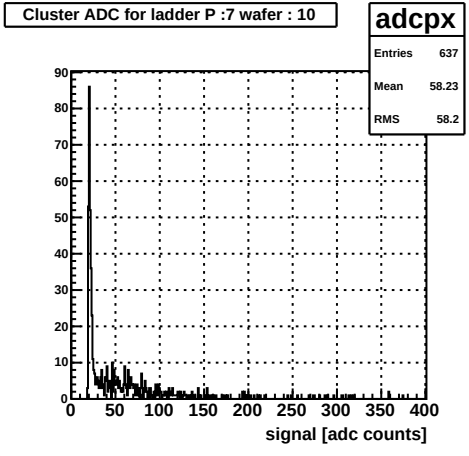

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 10836
Mean 32.73
RMS 30.88
signal [adc counts]

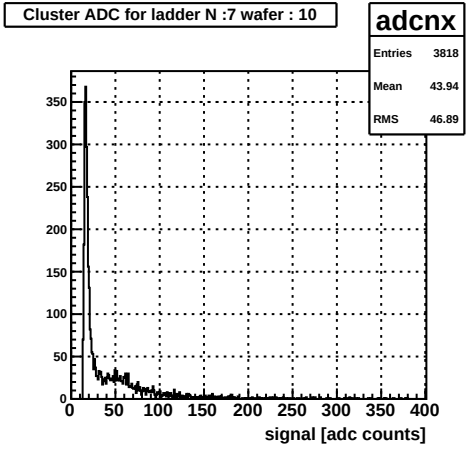

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4379
Mean 42.41
RMS 44.6
signal [adc counts]

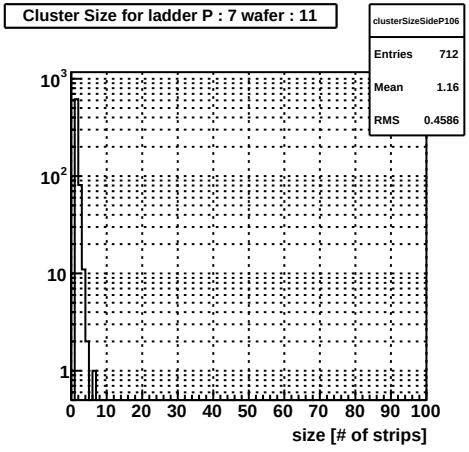

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 637
Mean 1.262
RMS 0.6597
size [# of strips]

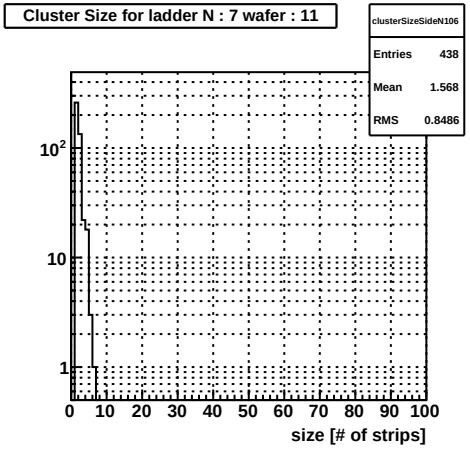

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3818
Mean 1.305
RMS 0.644
size [# of strips]

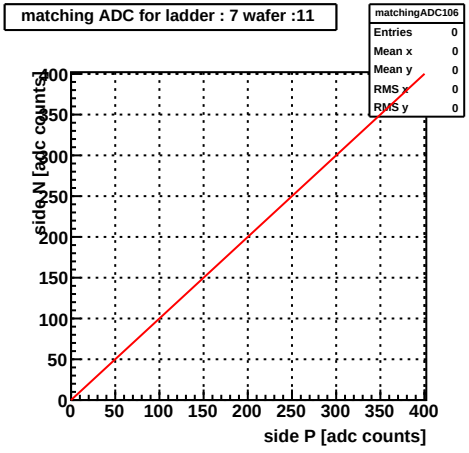

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 307
Mean x 69.45
Mean y 68.53
RMS x 58.68
RMS y 54.78
side N [adc counts]
side P [adc counts]

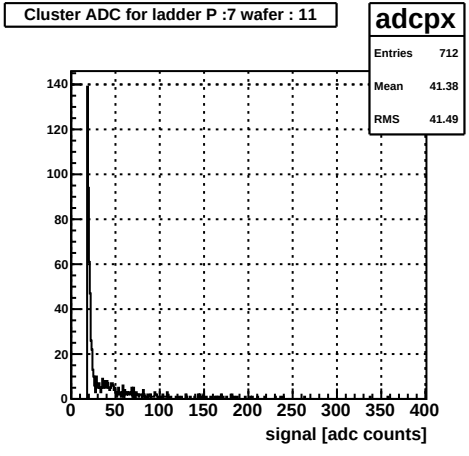

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 637
Mean 58.23
RMS 58.2
signal [adc counts]

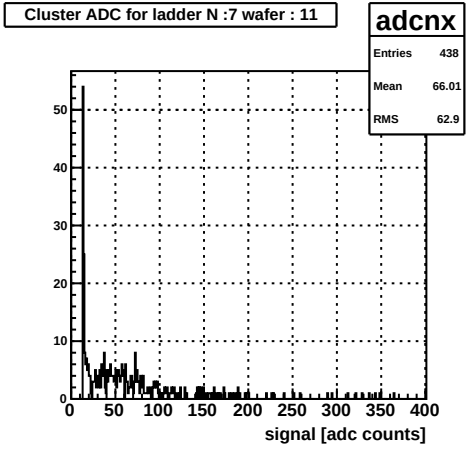

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3818
Mean 43.94
RMS 46.89
signal [adc counts]

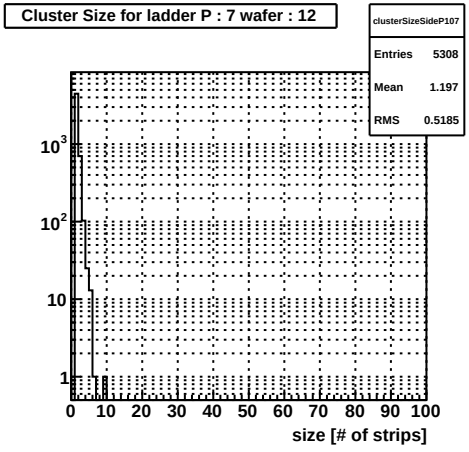

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 712
Mean 1.16
RMS 0.4586
size [# of strips]

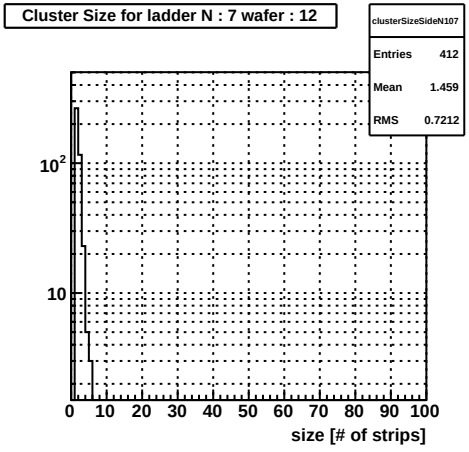

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 438
Mean 1.568
RMS 0.8486
size [# of strips]

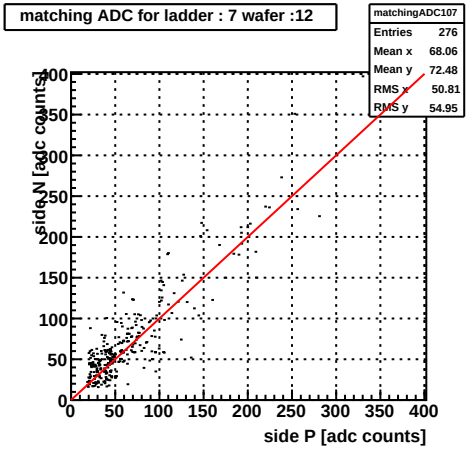

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

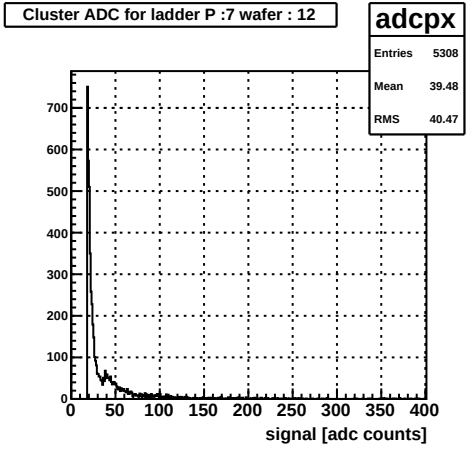

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 712
Mean 41.38
RMS 41.49
signal [adc counts]

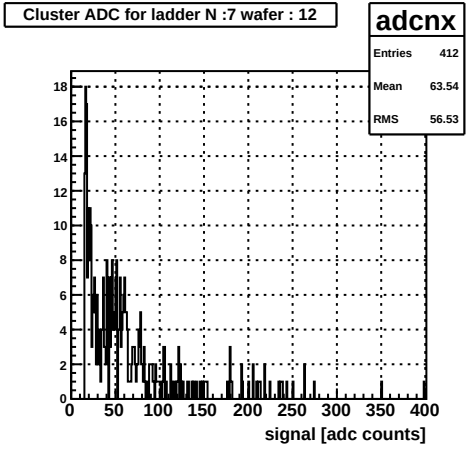

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 438
Mean 66.01
RMS 62.9
signal [adc counts]

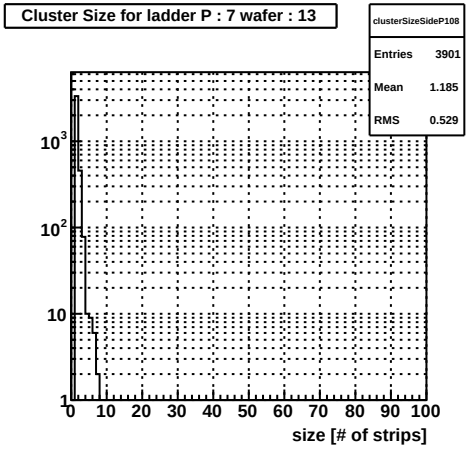

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5308
Mean 1.197
RMS 0.5185
size [# of strips]

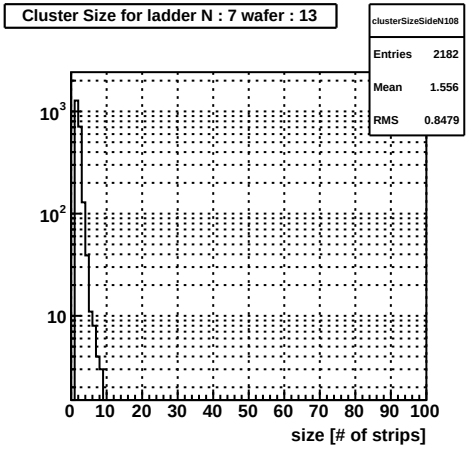

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 412
Mean 1.459
RMS 0.7212
size [# of strips]

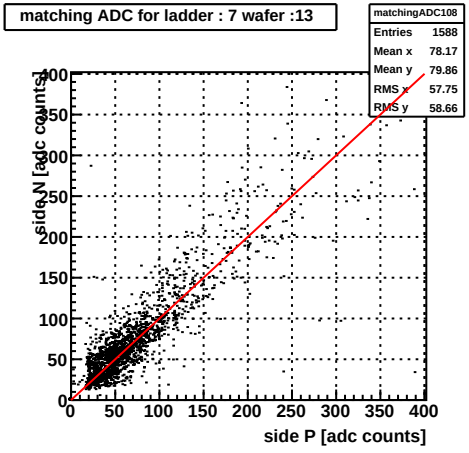

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 276
Mean x 68.06
Mean y 72.48
RMS x 50.81
RMS y 54.95
side N [adc counts]
side P [adc counts]

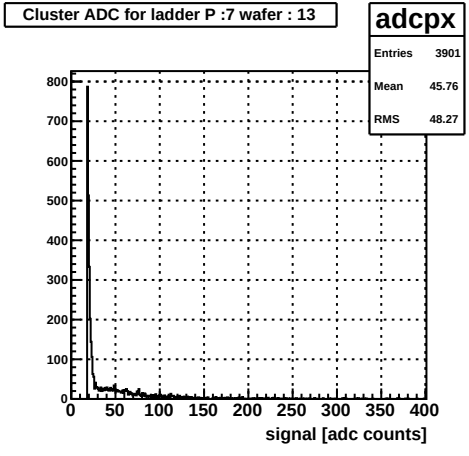

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5308
Mean 39.48
RMS 40.47
signal [adc counts]

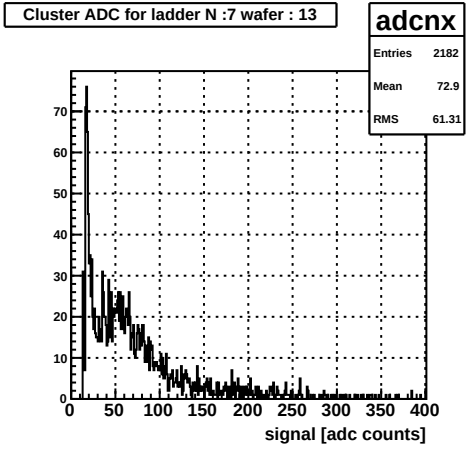

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 412
Mean 63.54
RMS 56.53
signal [adc counts]

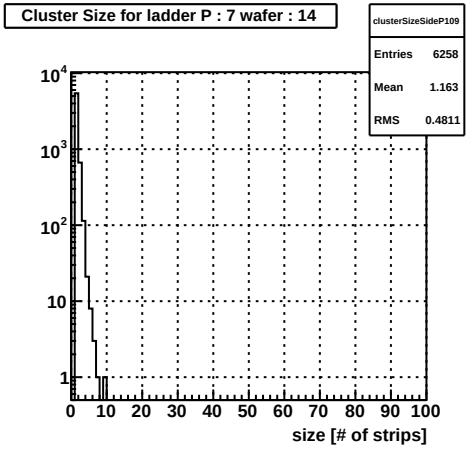

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3901
Mean 1.185
RMS 0.529
size [# of strips]

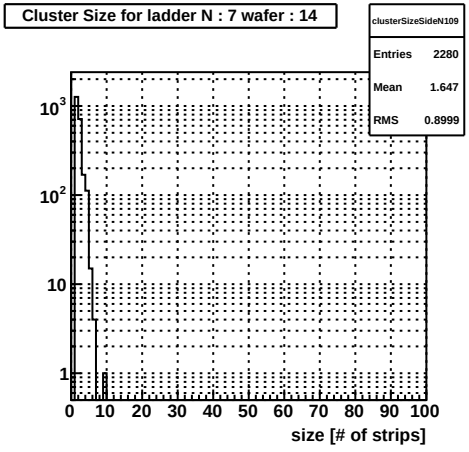

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2182
Mean 1.556
RMS 0.8479
size [# of strips]

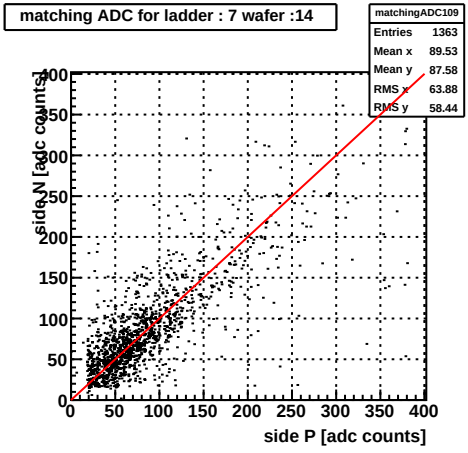

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1588
Mean x 78.17
Mean y 79.86
RMS x 57.75
RMS y 58.66
side N [adc counts]
side P [adc counts]

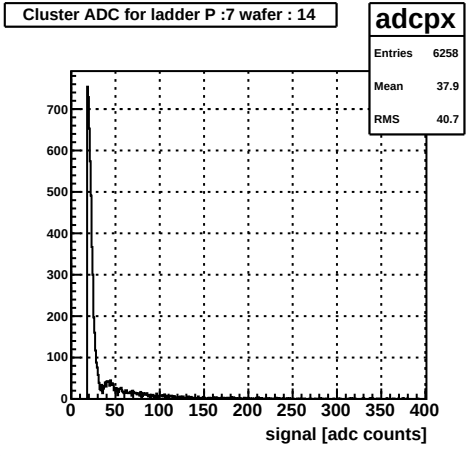

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3901
Mean 45.76
RMS 48.27
signal [adc counts]

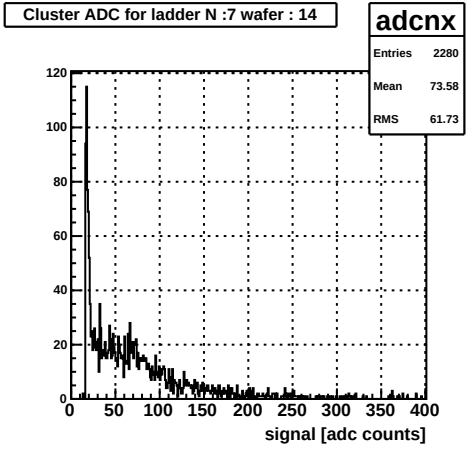

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2182
Mean 72.9
RMS 61.31
signal [adc counts]

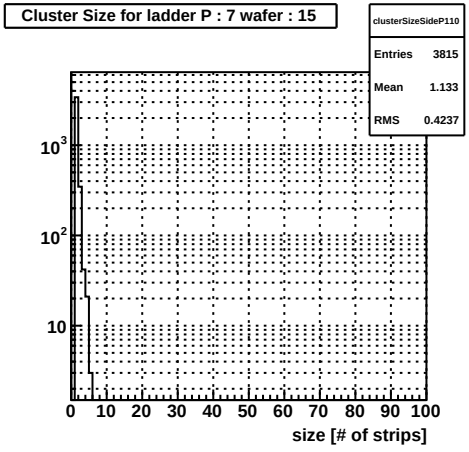

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 6258
Mean 1.163
RMS 0.4811
size [# of strips]

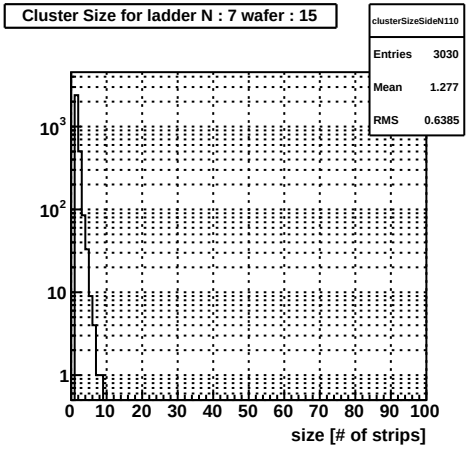

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2280
Mean 1.647
RMS 0.8999
size [# of strips]

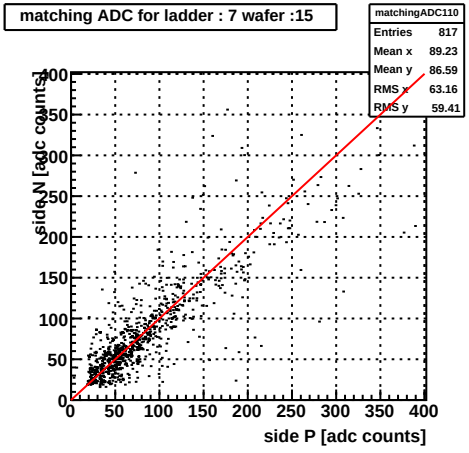

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1363
Mean x 89.53
Mean y 87.58
RMS x 63.88
RMS y 58.44
side N [adc counts]
side P [adc counts]

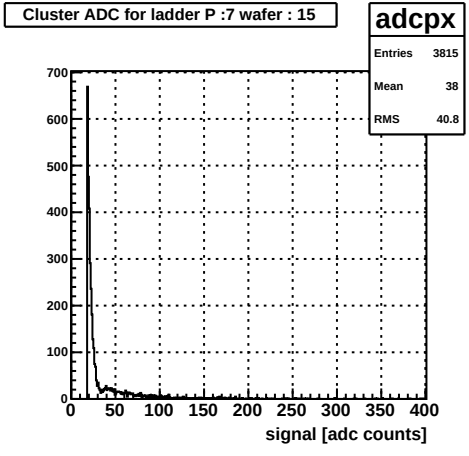

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 6258
Mean 37.9
RMS 40.7
signal [adc counts]

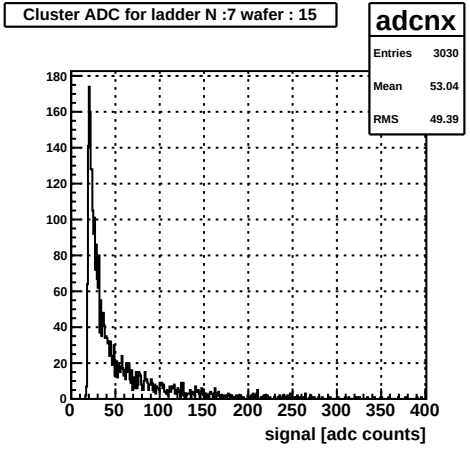

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2280
Mean 73.58
RMS 61.73
signal [adc counts]

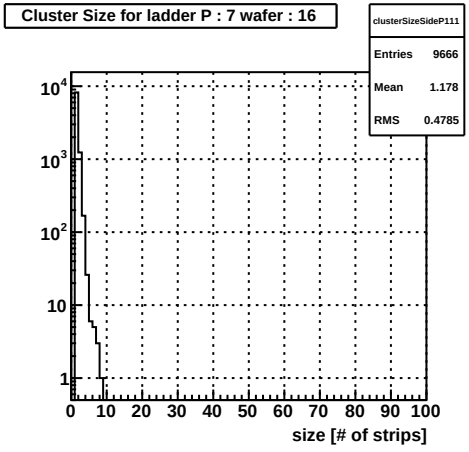

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3815
Mean 1.133
RMS 0.4237
size [# of strips]

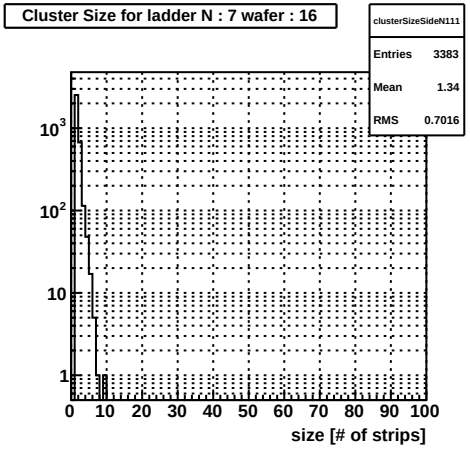

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3030
Mean 1.277
RMS 0.6385
size [# of strips]

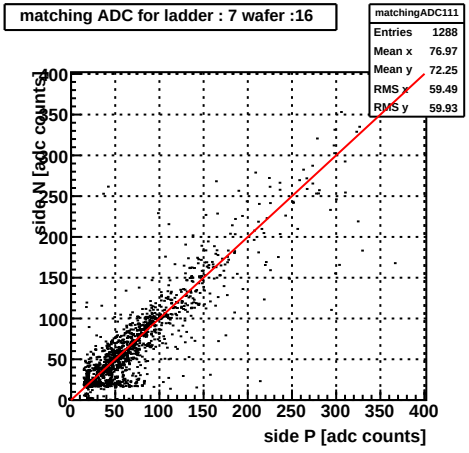

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 817
Mean x 89.23
Mean y 86.59
RMS x 63.16
RMS y 59.41
side N [adc counts]
side P [adc counts]

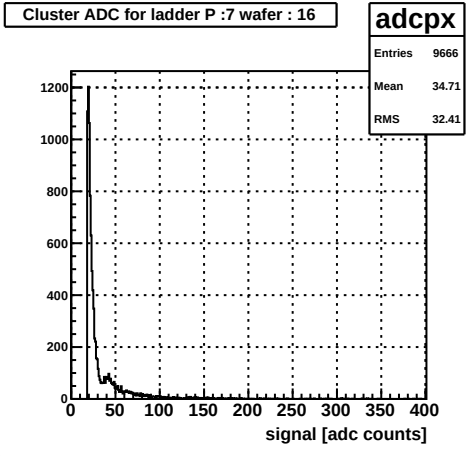

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3815
Mean 38
RMS 40.8
signal [adc counts]

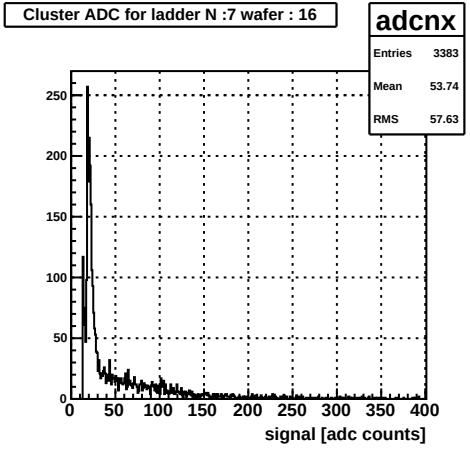

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3030
Mean 53.04
RMS 49.39
signal [adc counts]

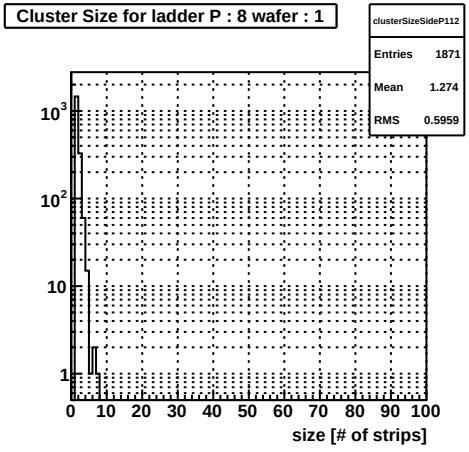

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 9666
Mean 1.178
RMS 0.4785
size [# of strips]

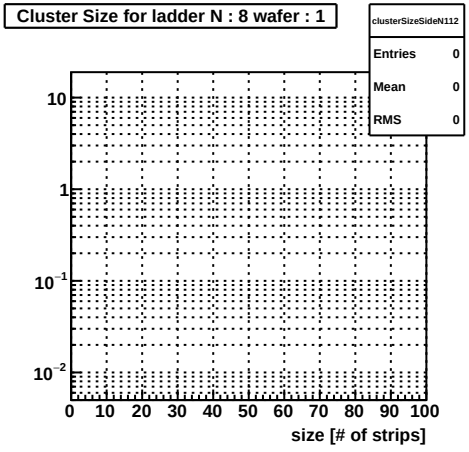

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3383
Mean 1.34
RMS 0.7016
size [# of strips]

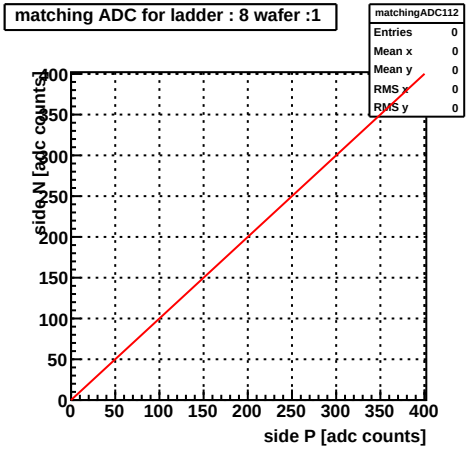

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1288
Mean x 76.97
Mean y 72.25
RMS x 59.49
RMS y 59.93
side N [adc counts]
side P [adc counts]

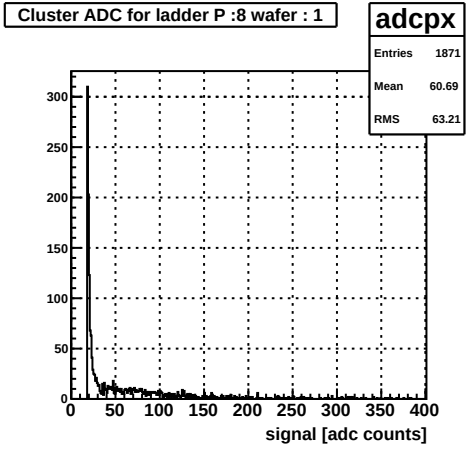

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 9666
Mean 34.71
RMS 32.41
signal [adc counts]

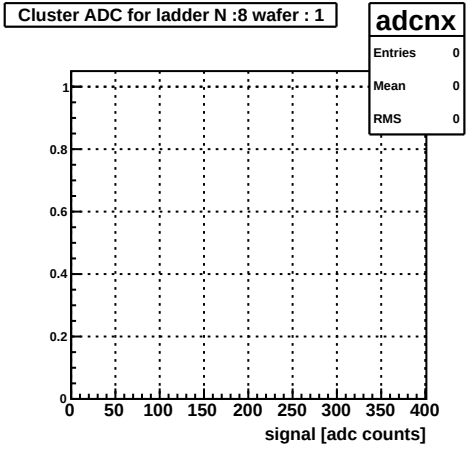

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3383
Mean 53.74
RMS 57.63
signal [adc counts]

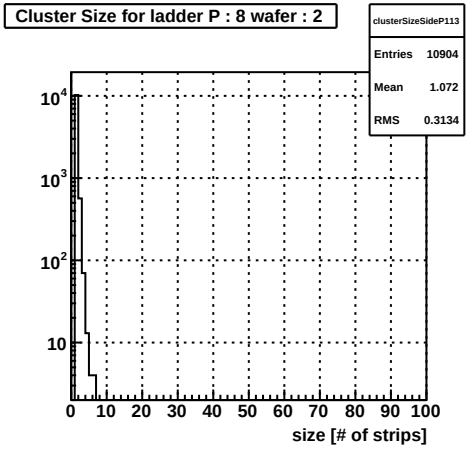

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1871
Mean 1.274
RMS 0.5959
size [# of strips]

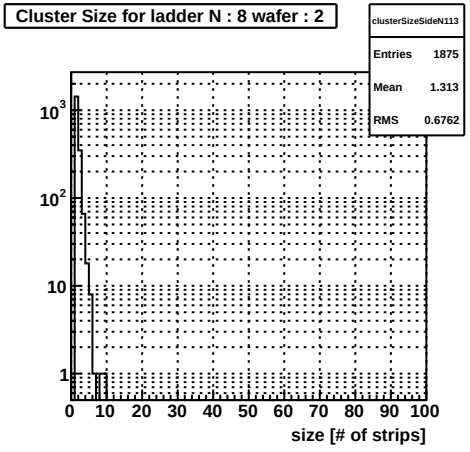

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

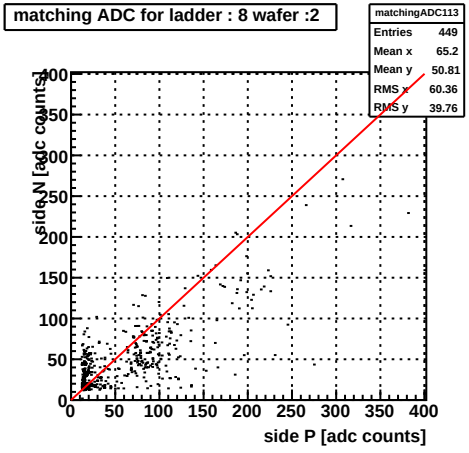

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

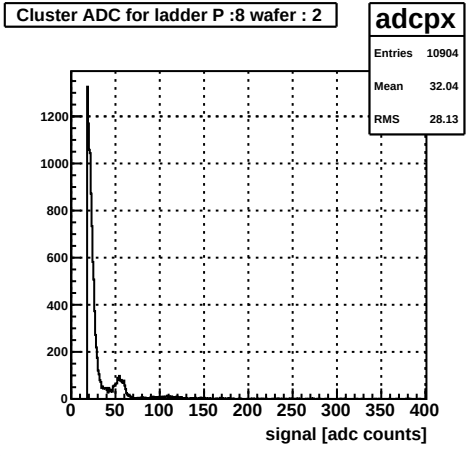

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1871
Mean 60.69
RMS 63.21
signal [adc counts]

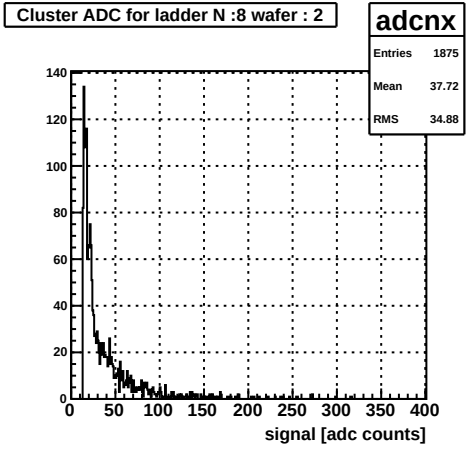

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

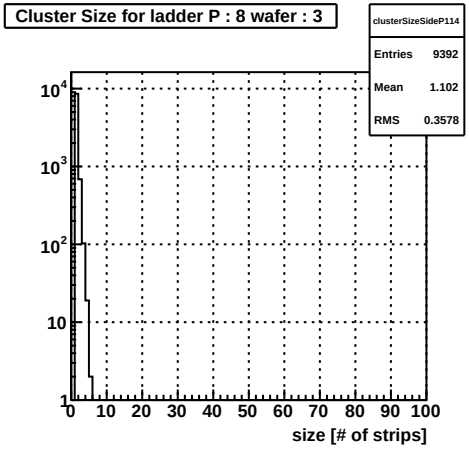

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 10904
Mean 1.072
RMS 0.3134
size [# of strips]

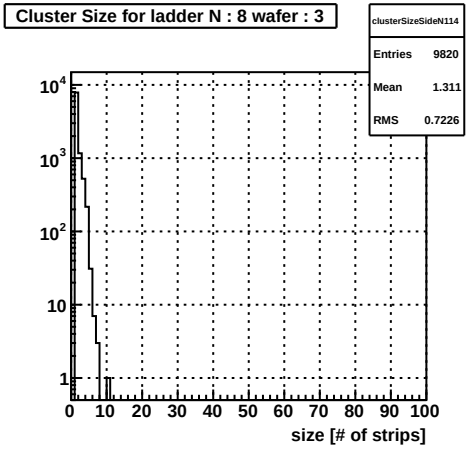

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1875
Mean 1.313
RMS 0.6762
size [# of strips]

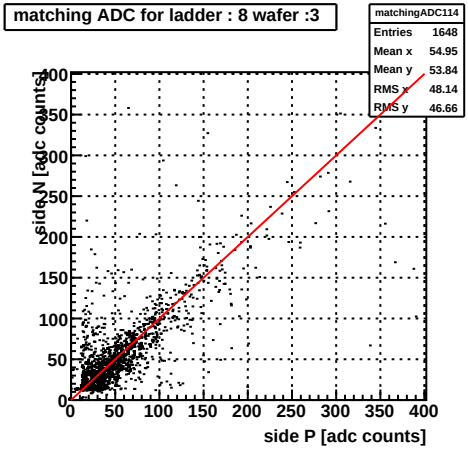

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 449
Mean x 65.2
Mean y 50.81
RMS x 60.36
RMS y 39.76
side N [adc counts]
side P [adc counts]

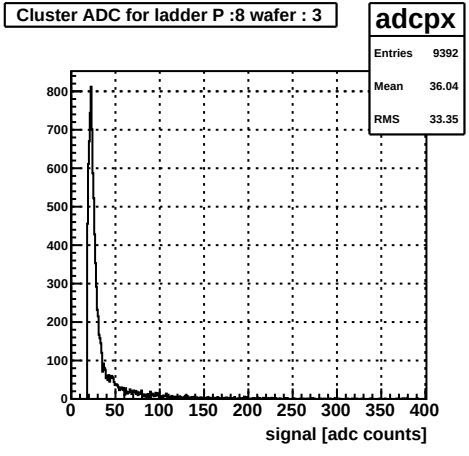

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 10904
Mean 32.04
RMS 28.13
signal [adc counts]

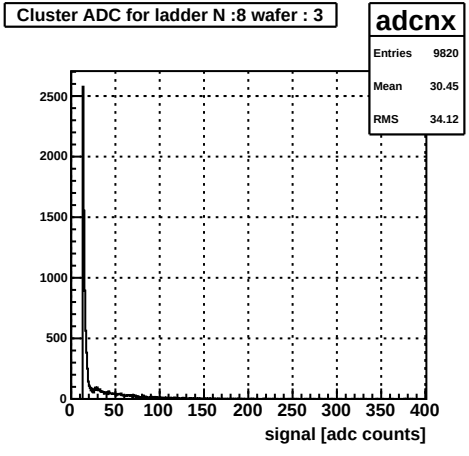

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1875
Mean 37.72
RMS 34.88
signal [adc counts]

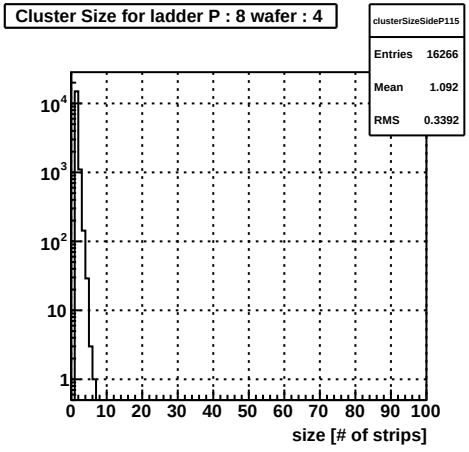

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 9392
Mean 1.102
RMS 0.3578
size [# of strips]

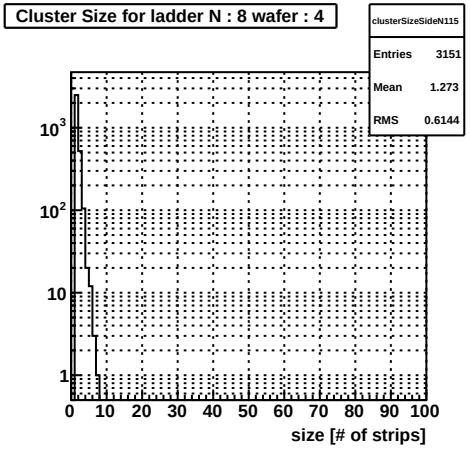

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 9820
Mean 1.311
RMS 0.7226
size [# of strips]

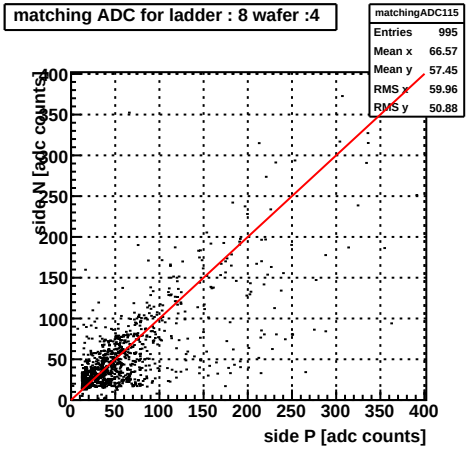

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1648
Mean x 54.95
Mean y 53.84
RMS x 48.14
RMS y 46.66
side N [adc counts]
side P [adc counts]

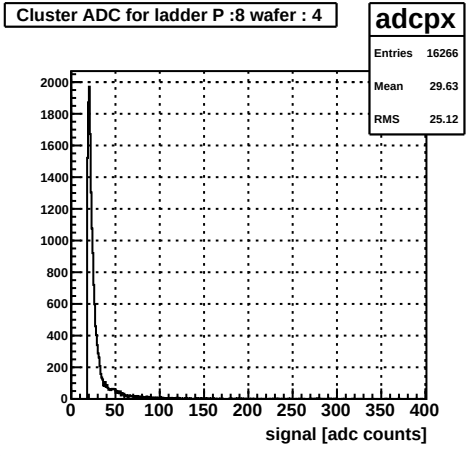

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 9392
Mean 36.04
RMS 33.35
signal [adc counts]

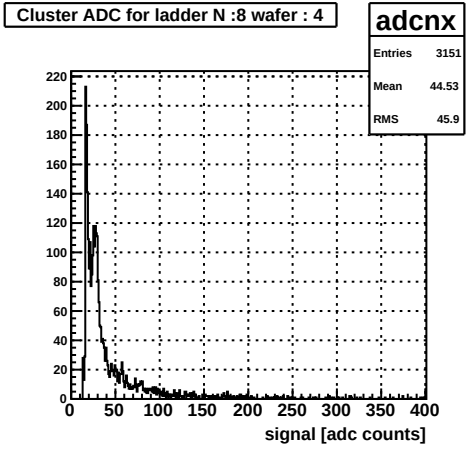

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 9820
Mean 30.45
RMS 34.12
signal [adc counts]

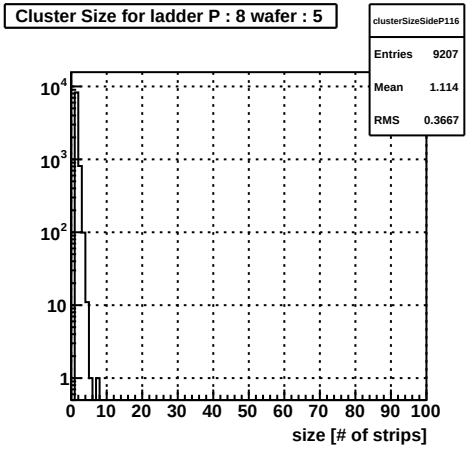

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 16266
Mean 1.092
RMS 0.3392
size [# of strips]

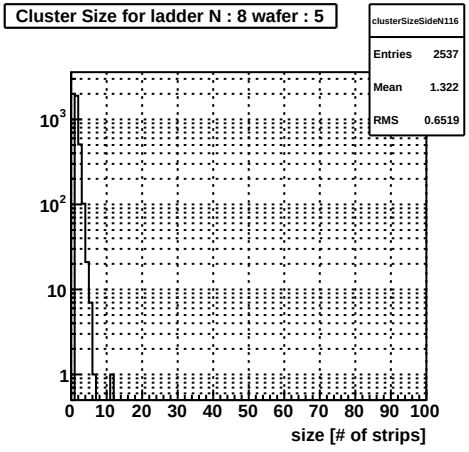

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3151
Mean 1.273
RMS 0.6144
size [# of strips]

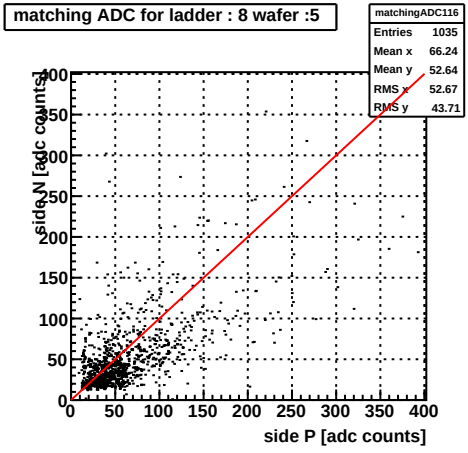

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 995
Mean x 66.57
Mean y 57.45
RMS x 59.96
RMS y 50.88
side N [adc counts]
side P [adc counts]

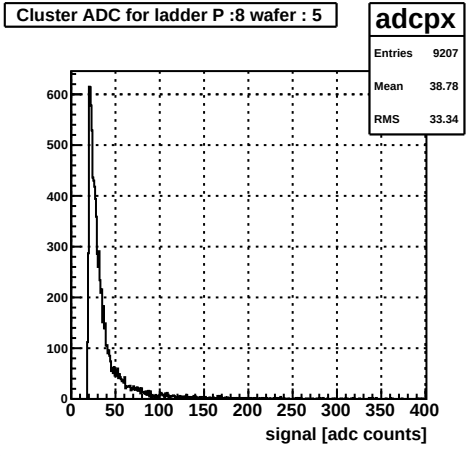

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 16266
Mean 29.63
RMS 25.12
signal [adc counts]

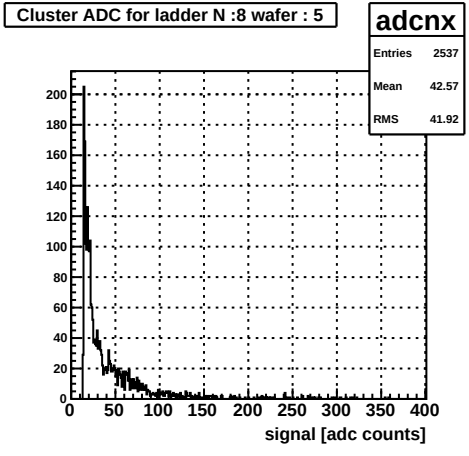

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3151
Mean 44.53
RMS 45.9
signal [adc counts]

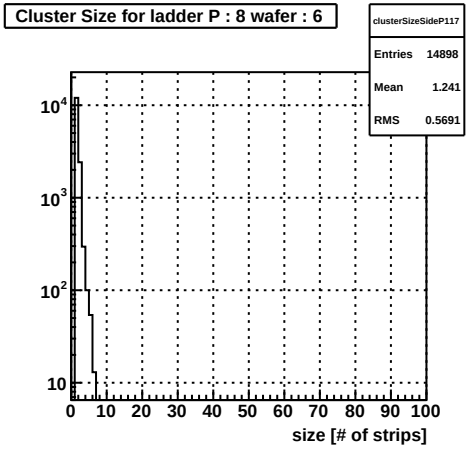

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 9207
Mean 1.114
RMS 0.3667
size [# of strips]

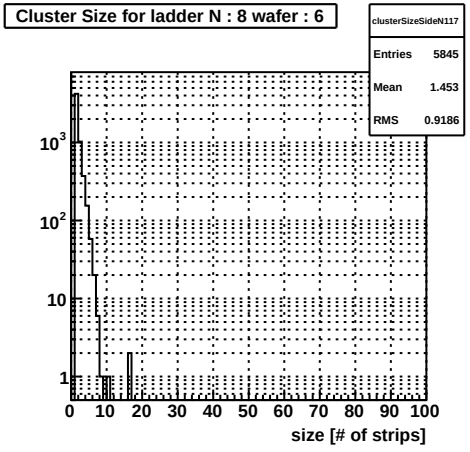

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2537
Mean 1.322
RMS 0.6519
size [# of strips]

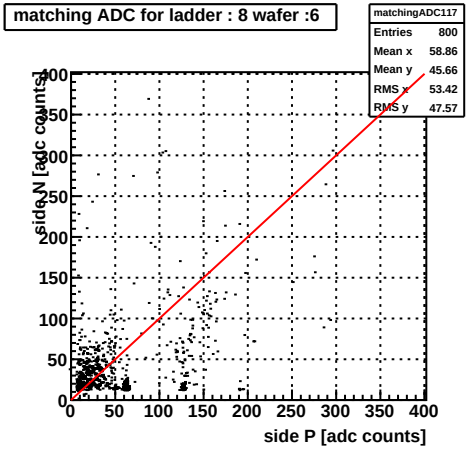

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1035
Mean x 66.24
Mean y 52.64
RMS x 52.67
RMS y 43.71
side N [adc counts]
side P [adc counts]

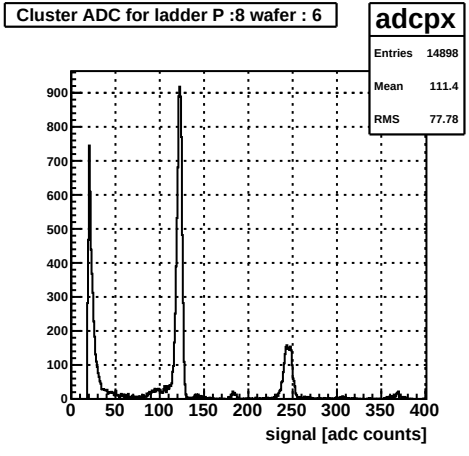

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 9207
Mean 38.78
RMS 33.34
signal [adc counts]

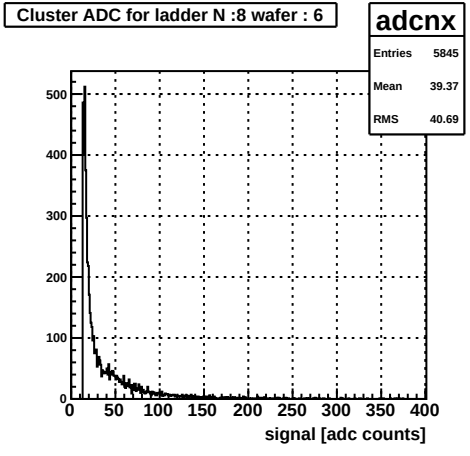

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2537
Mean 42.57
RMS 41.92
signal [adc counts]

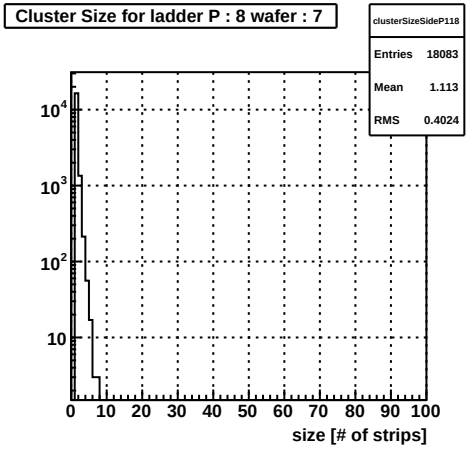

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14898
Mean 1.241
RMS 0.5691
size [# of strips]

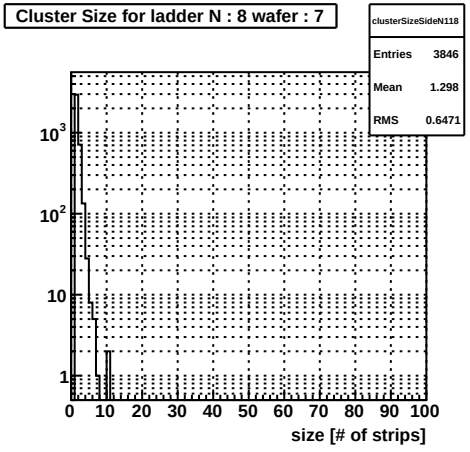

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5845
Mean 1.453
RMS 0.9186
size [# of strips]

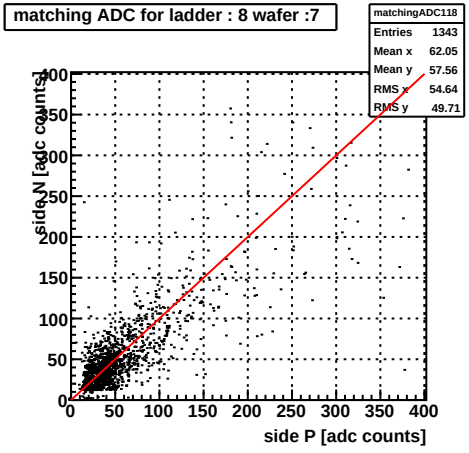

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 800
Mean x 58.86
Mean y 45.66
RMS x 53.42
RMS y 47.57
side N [adc counts]
side P [adc counts]

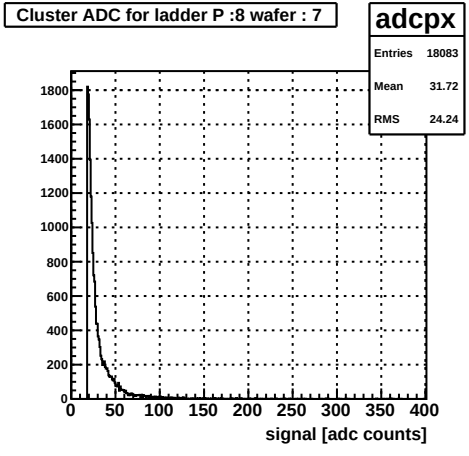

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14898
Mean 111.4
RMS 77.78
signal [adc counts]

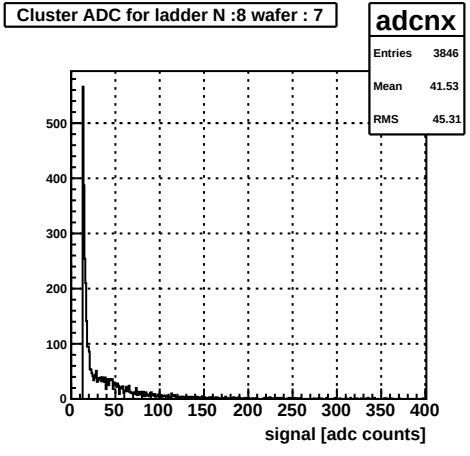

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5845
Mean 39.37
RMS 40.69
signal [adc counts]

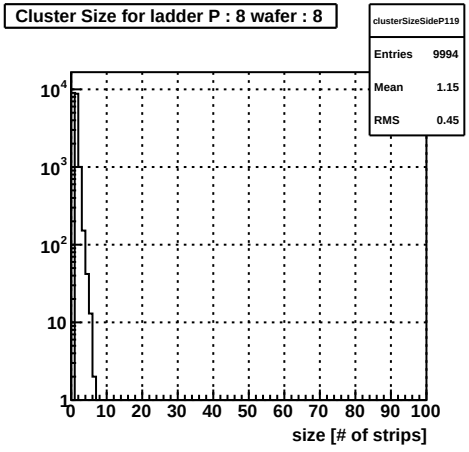

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 18083
Mean 1.113
RMS 0.4024
size [# of strips]

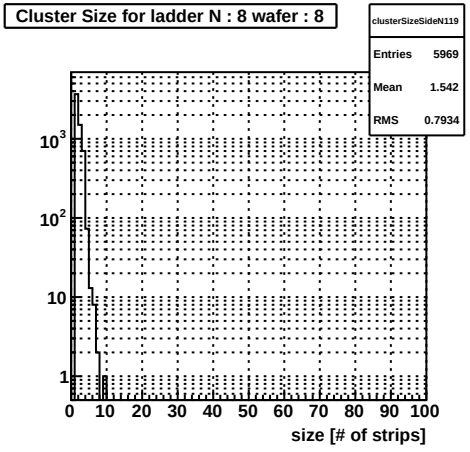

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3846
Mean 1.298
RMS 0.6471
size [# of strips]

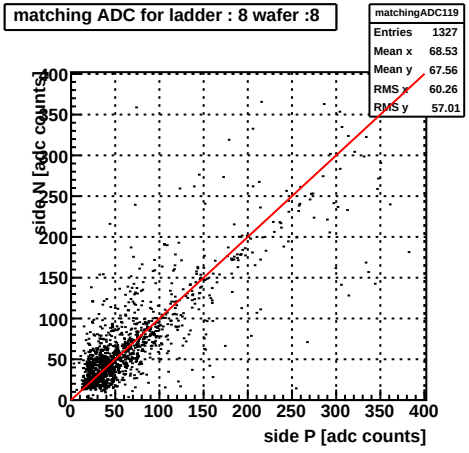

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1343
Mean x 62.05
Mean y 57.56
RMS x 54.64
RMS y 49.71
side N [adc counts]
side P [adc counts]

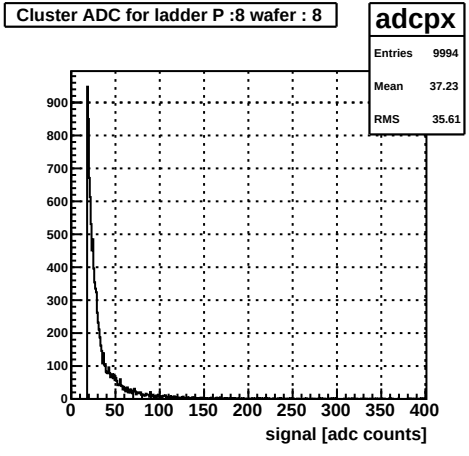

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 18083
Mean 31.72
RMS 24.24
signal [adc counts]

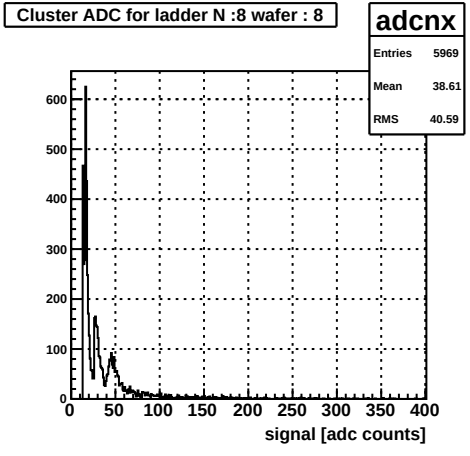

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3846
Mean 41.53
RMS 45.31
signal [adc counts]

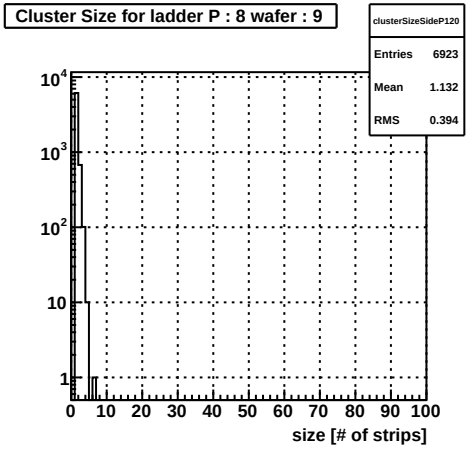

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 9994
Mean 1.15
RMS 0.45
size [# of strips]

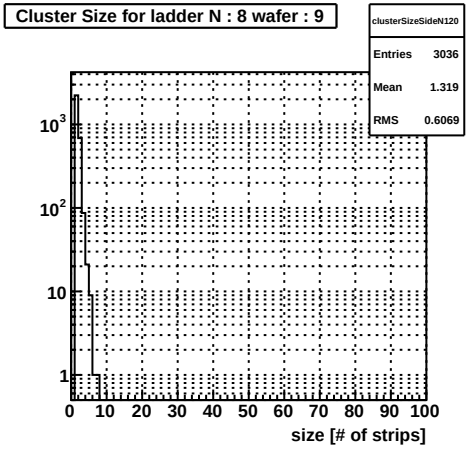

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 5969
Mean 1.542
RMS 0.7934
size [# of strips]

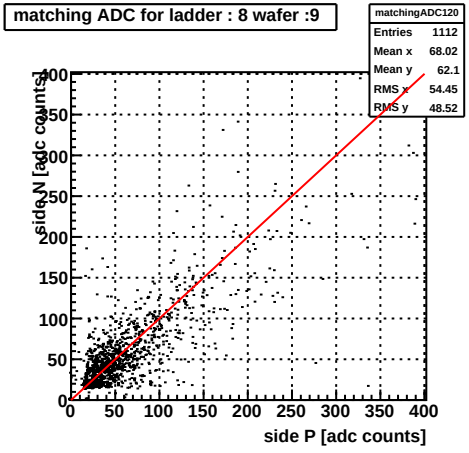

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1327
Mean x 68.53
Mean y 67.56
RMS x 60.26
RMS y 57.01
side N [adc counts]
side P [adc counts]

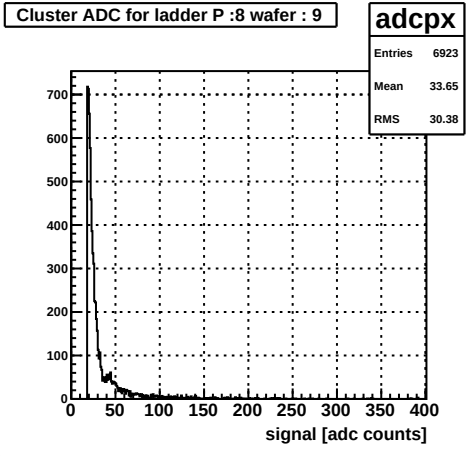

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 9994
Mean 37.23
RMS 35.61
signal [adc counts]

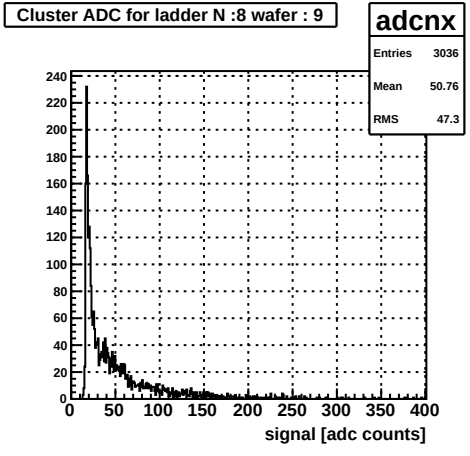

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 5969
Mean 38.61
RMS 40.59
signal [adc counts]

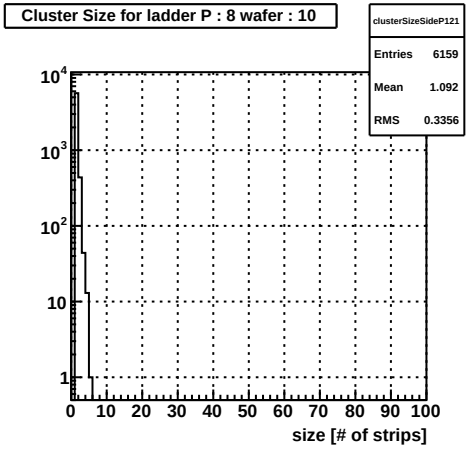

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6923
Mean 1.132
RMS 0.394
size [# of strips]

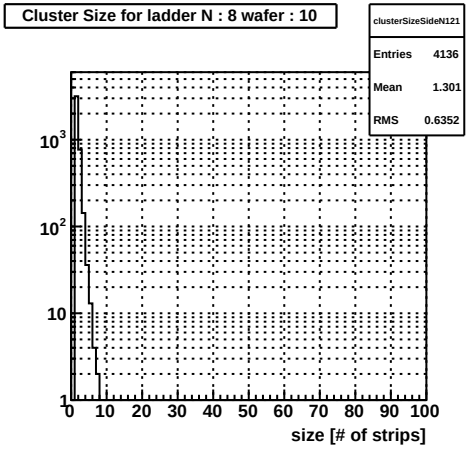

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3036
Mean 1.319
RMS 0.6069
size [# of strips]

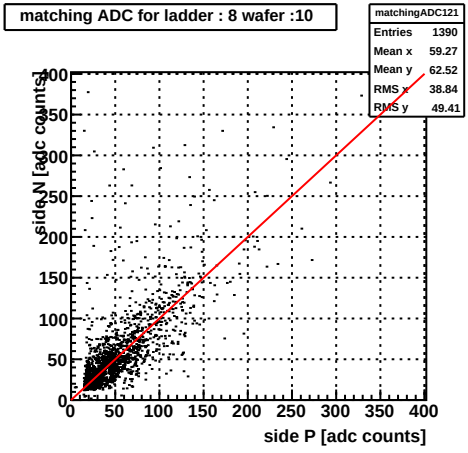

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1112
Mean x 68.02
Mean y 62.1
RMS x 54.45
RMS y 48.52
side N [adc counts]
side P [adc counts]

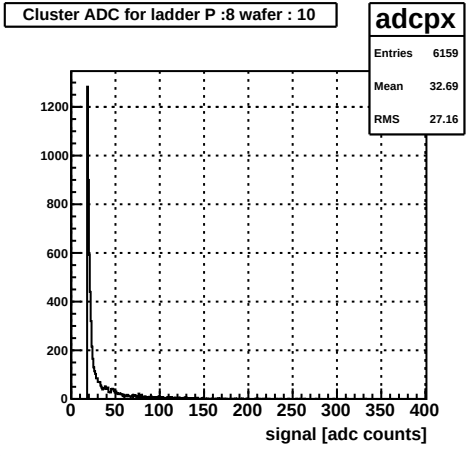

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6923
Mean 33.65
RMS 30.38
signal [adc counts]

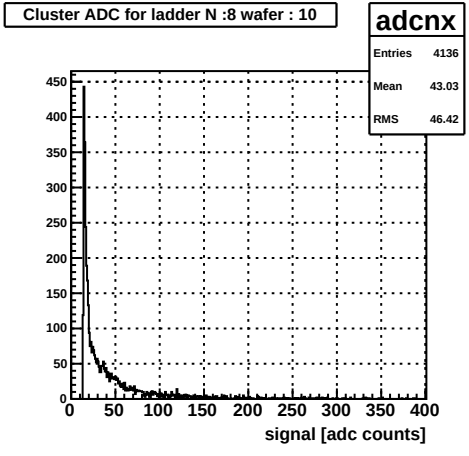

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3036
Mean 50.76
RMS 47.3
signal [adc counts]

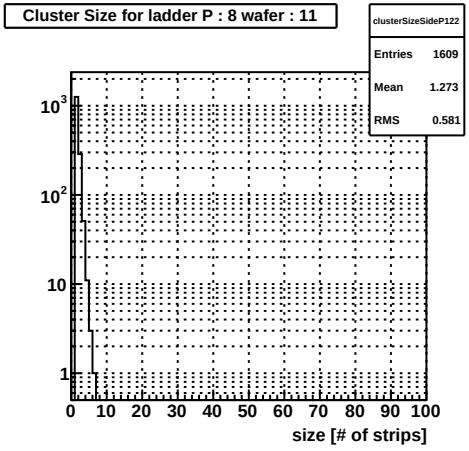

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 6159
Mean 1.092
RMS 0.3356
size [# of strips]

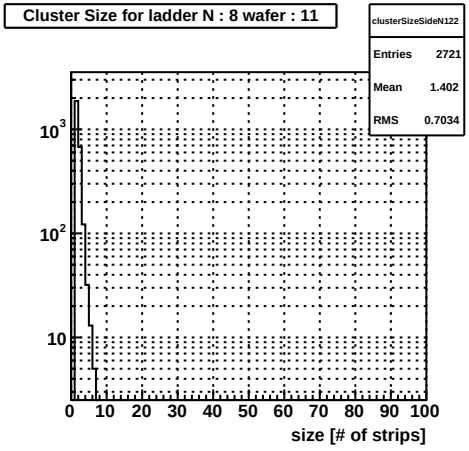

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4136
Mean 1.301
RMS 0.6352
size [# of strips]

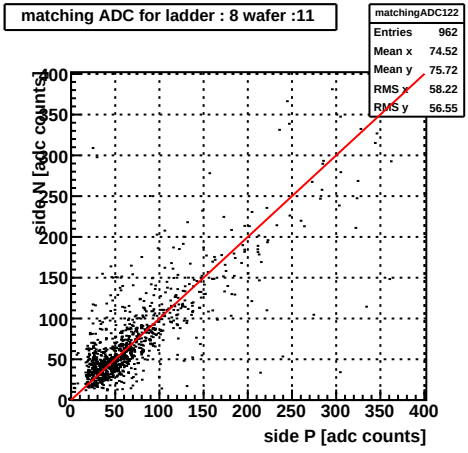

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1390
Mean x 59.27
Mean y 62.52
RMS x 38.84
RMS y 49.41
side N [adc counts]
side P [adc counts]

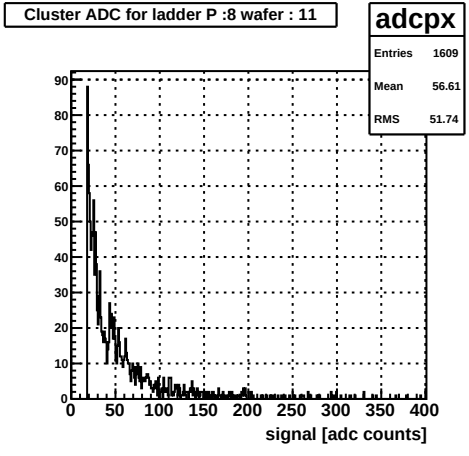

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 6159
Mean 32.69
RMS 27.16
signal [adc counts]

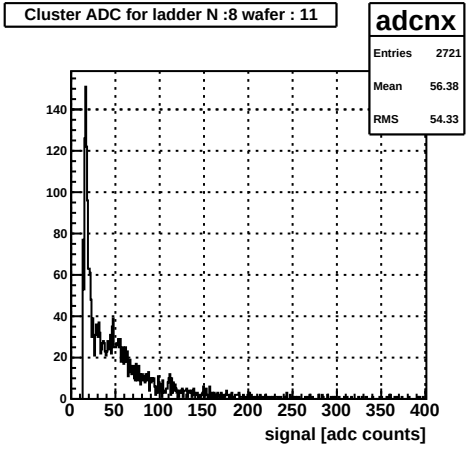

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4136
Mean 43.03
RMS 46.42
signal [adc counts]

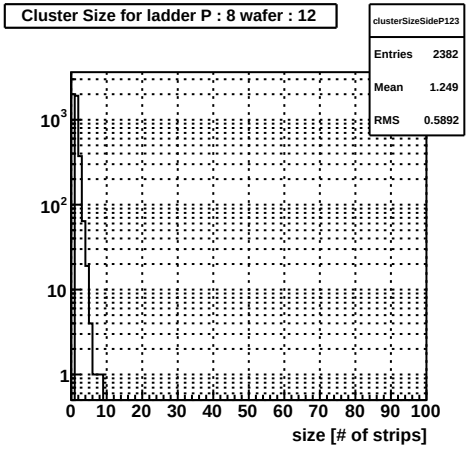

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1609
Mean 1.273
RMS 0.581
size [# of strips]

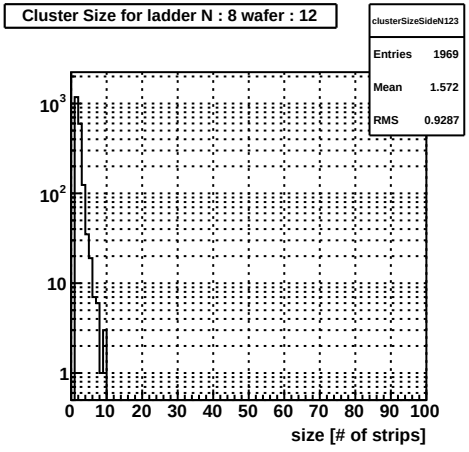

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2721
Mean 1.402
RMS 0.7034
size [# of strips]

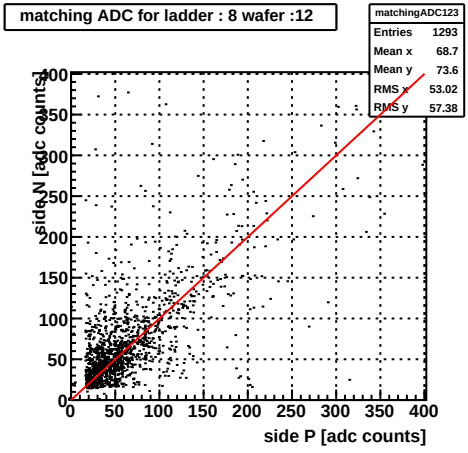

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 962
Mean x 74.52
Mean y 75.72
RMS x 58.22
RMS y 56.55
side N [adc counts]
side P [adc counts]

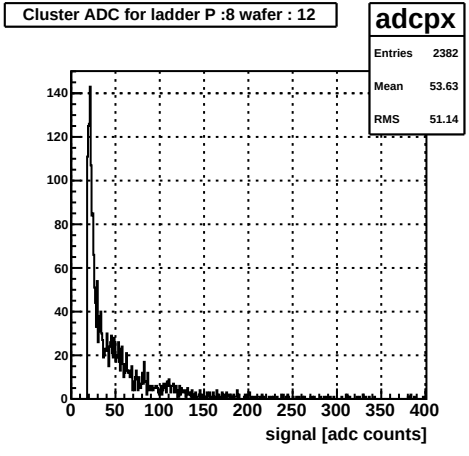

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1609
Mean 56.61
RMS 51.74
signal [adc counts]

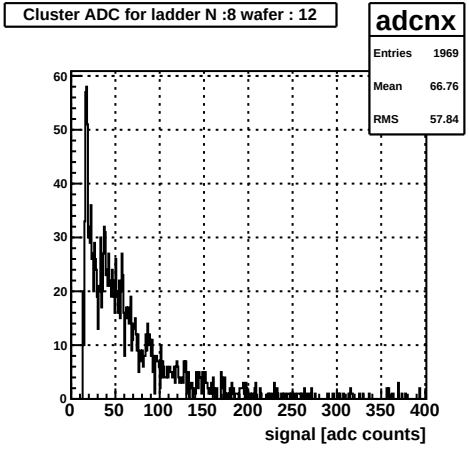

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2721
Mean 56.38
RMS 54.33
signal [adc counts]

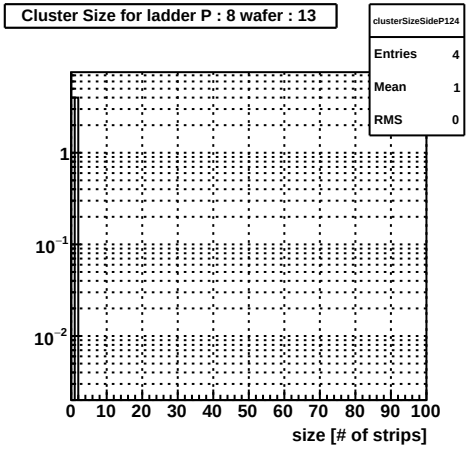

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2382
Mean 1.249
RMS 0.5892
size [# of strips]

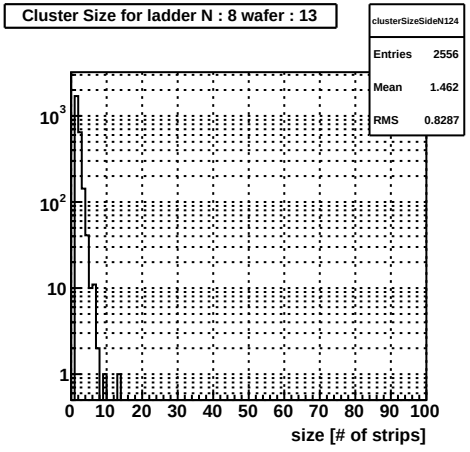

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1969
Mean 1.572
RMS 0.9287
size [# of strips]

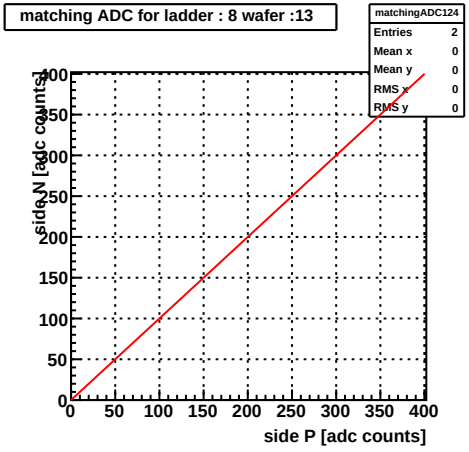

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1293
Mean x 68.7
Mean y 73.6
RMS x 53.02
RMS y 57.38
side N [adc counts]
side P [adc counts]

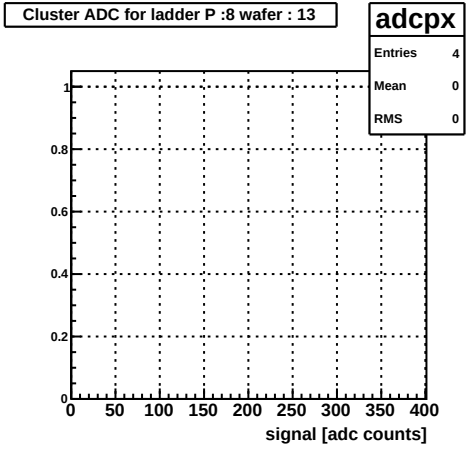

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2382
Mean 53.63
RMS 51.14
signal [adc counts]

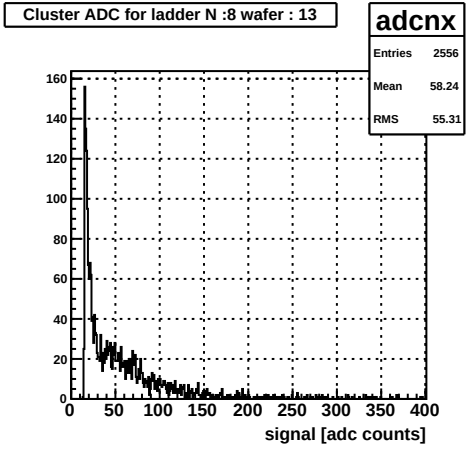

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1969
Mean 66.76
RMS 57.84
signal [adc counts]

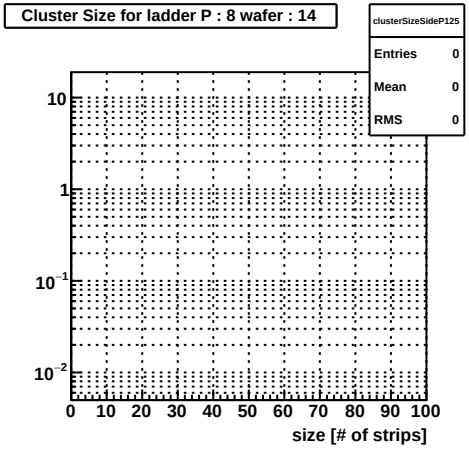

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 4
Mean 1
RMS 0
size [# of strips]

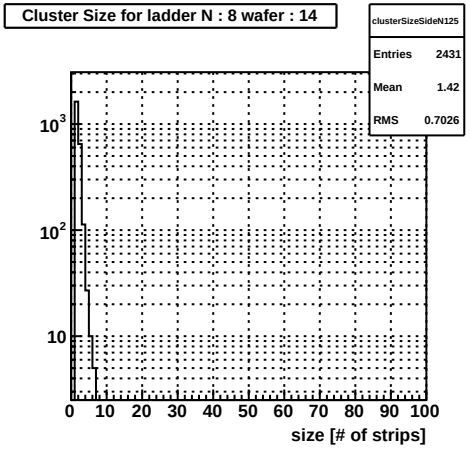

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2556
Mean 1.462
RMS 0.8287
size [# of strips]

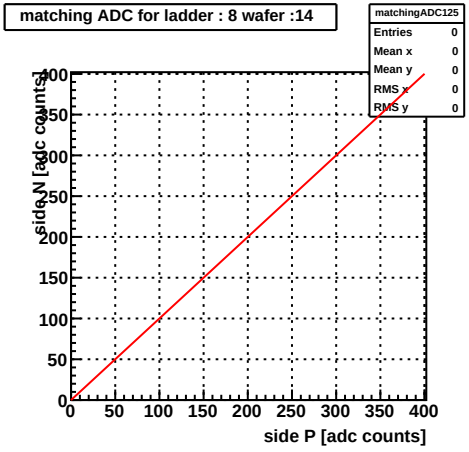

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

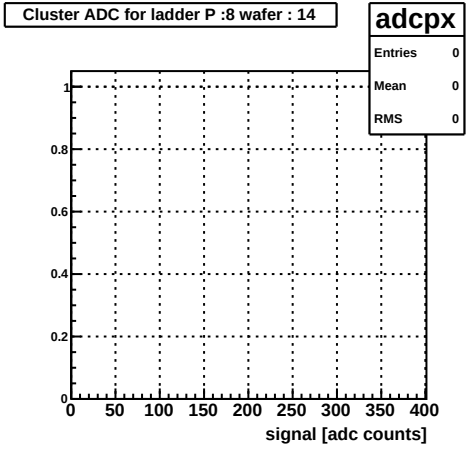

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

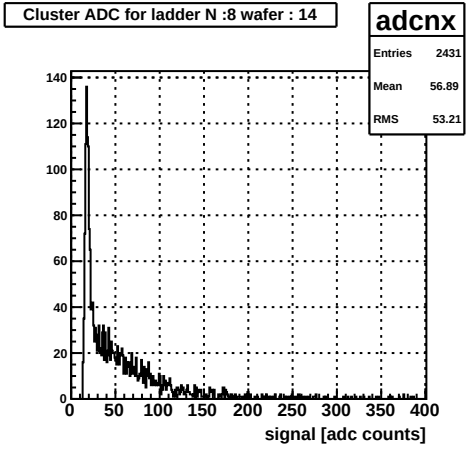

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2556
Mean 58.24
RMS 55.31
signal [adc counts]

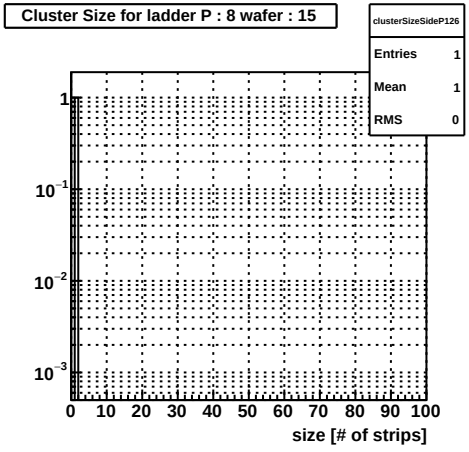

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

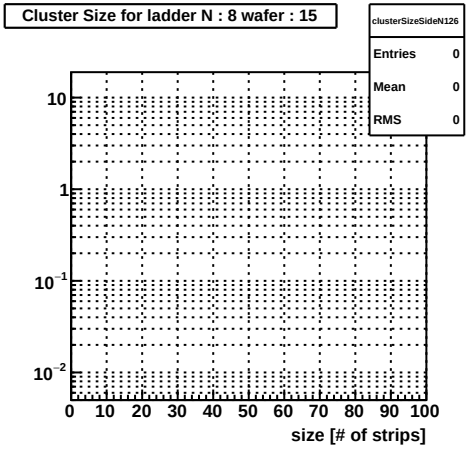

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2431
Mean 1.42
RMS 0.7026
size [# of strips]

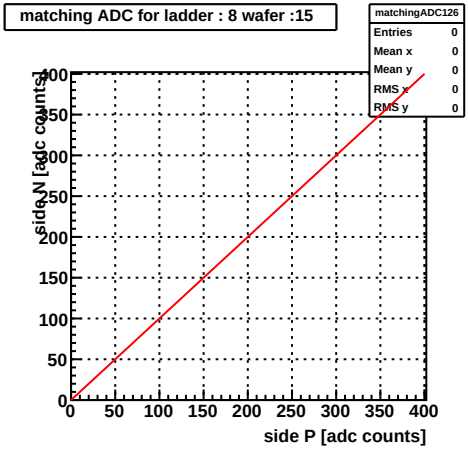

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

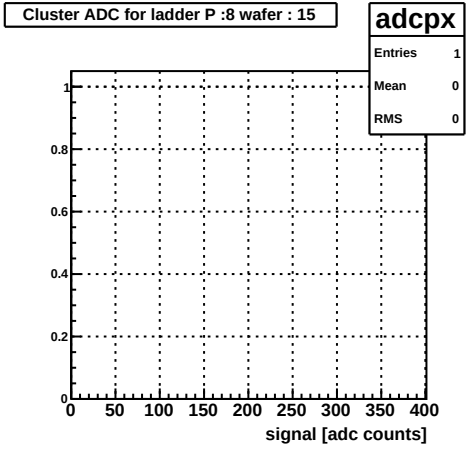

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

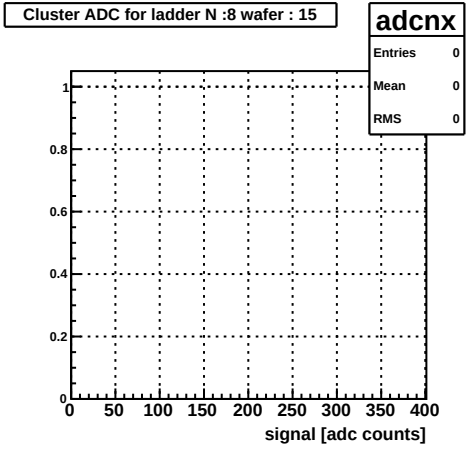

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2431
Mean 56.89
RMS 53.21
signal [adc counts]

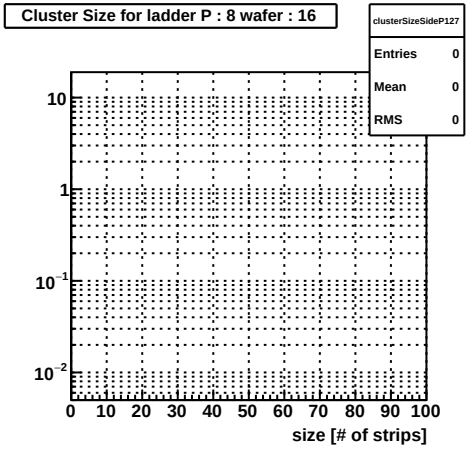

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

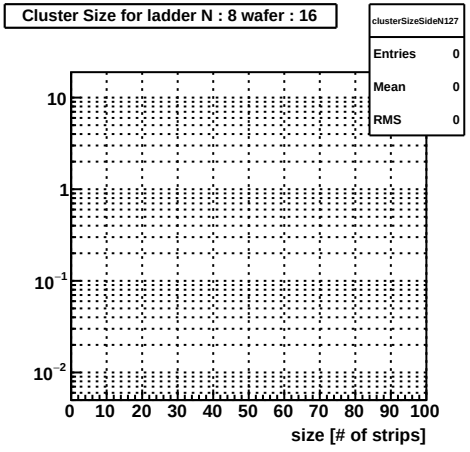

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

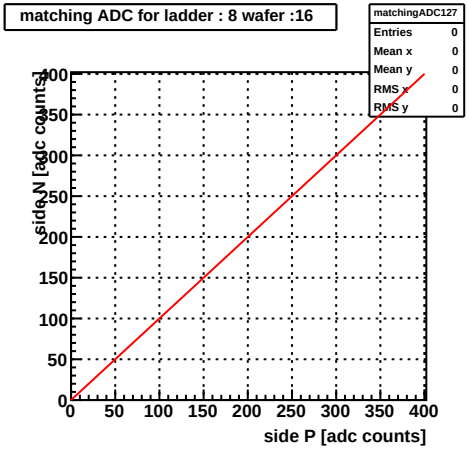

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

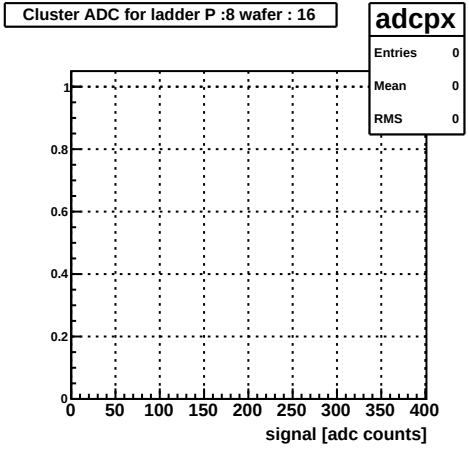

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

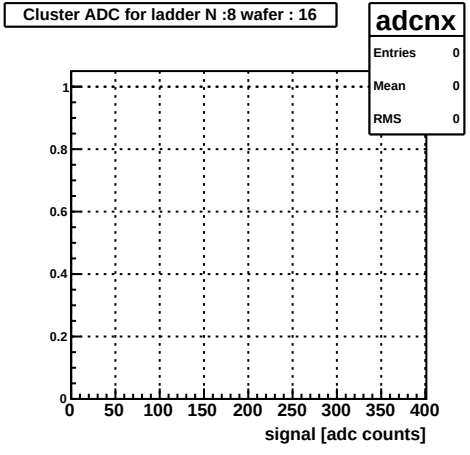

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

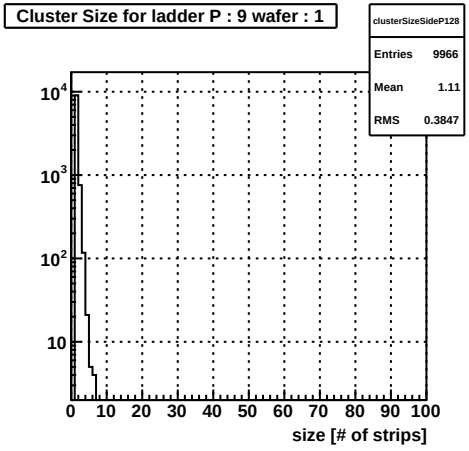

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

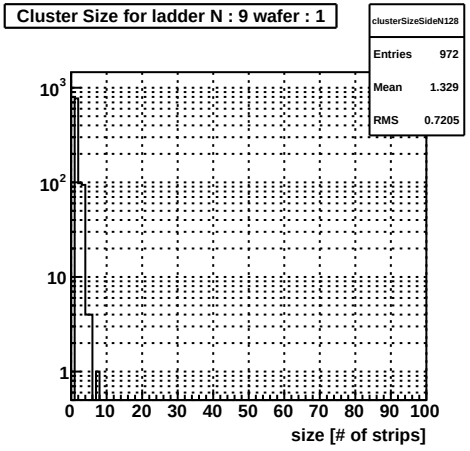

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

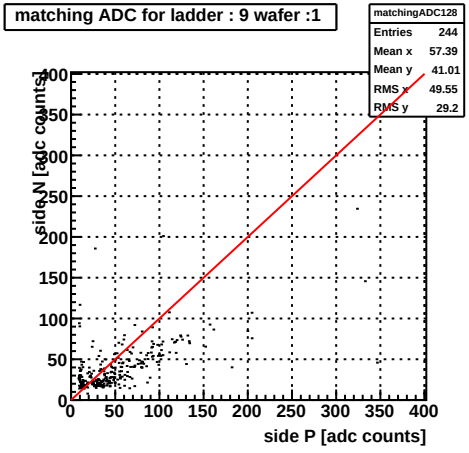

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

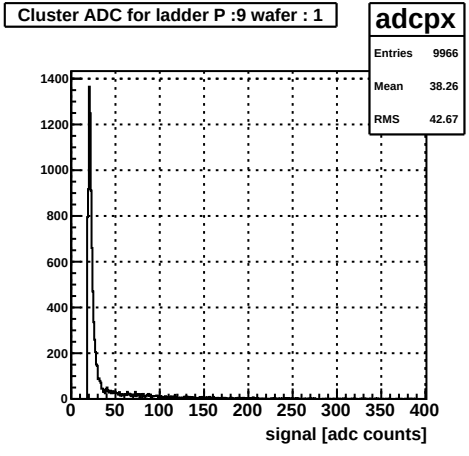

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

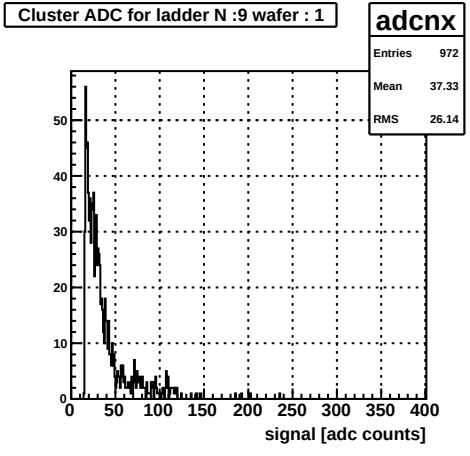

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

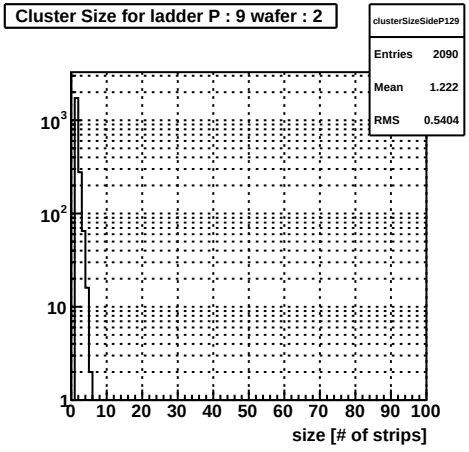

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 9966
Mean 1.11
RMS 0.3847
size [# of strips]

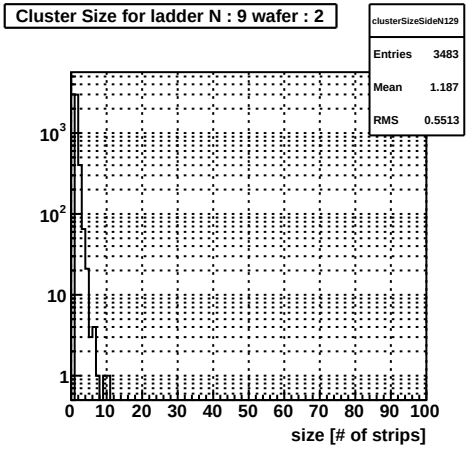

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 972
Mean 1.329
RMS 0.7205
size [# of strips]

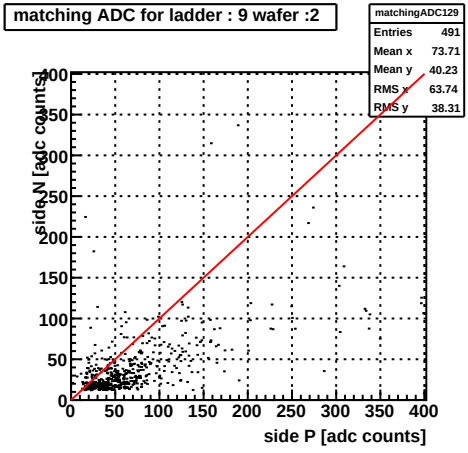

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 244
Mean x 57.39
Mean y 41.01
RMS x 49.55
RMS y 29.2
side N [adc counts]
side P [adc counts]

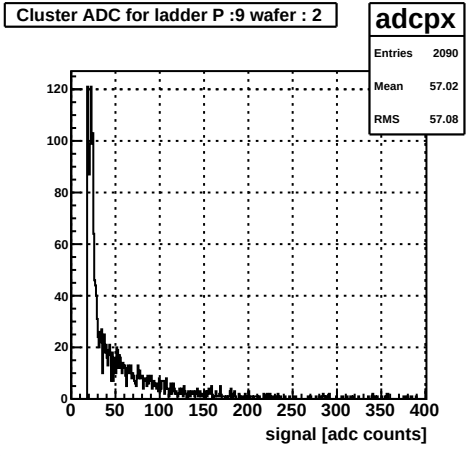

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 9966
Mean 38.26
RMS 42.67
signal [adc counts]

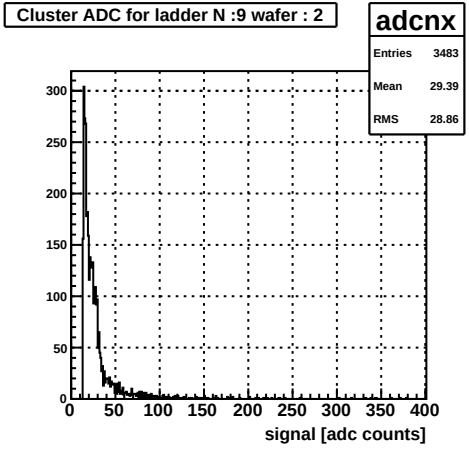

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 972
Mean 37.33
RMS 26.14
signal [adc counts]

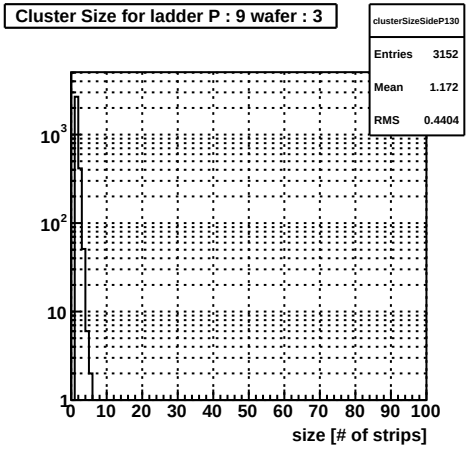

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2090
Mean 1.222
RMS 0.5404
size [# of strips]

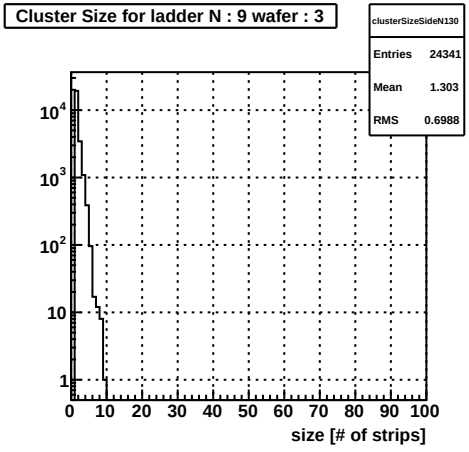

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3483
Mean 1.187
RMS 0.5513
size [# of strips]

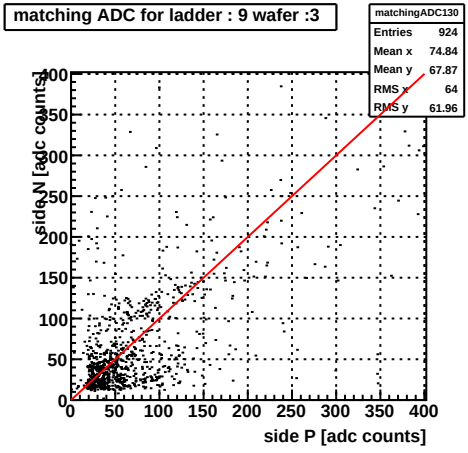

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 491
Mean x 73.71
Mean y 40.23
RMS x 63.74
RMS y 38.31
side N [adc counts]
side P [adc counts]

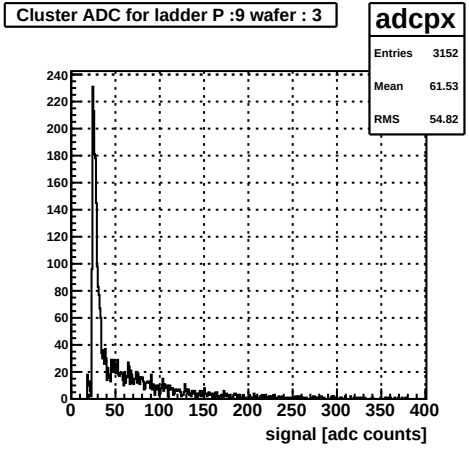

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2090
Mean 57.02
RMS 57.08
signal [adc counts]

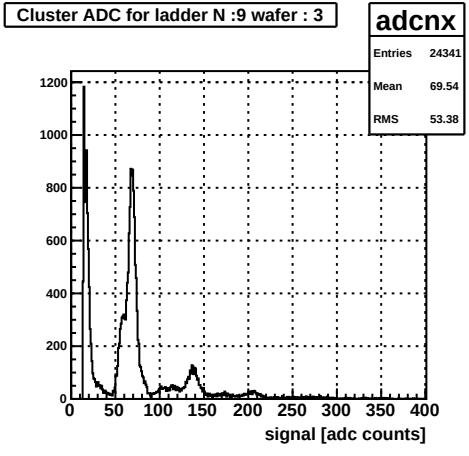

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3483
Mean 29.39
RMS 28.86
signal [adc counts]

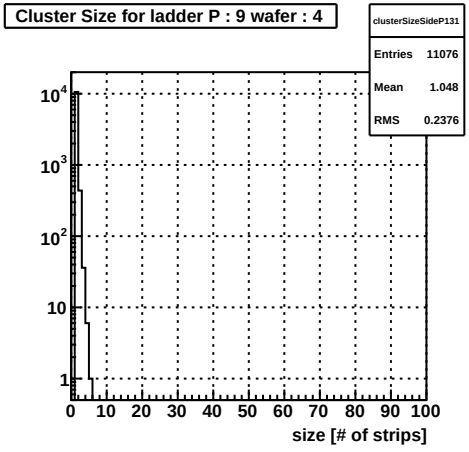

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3152
Mean 1.172
RMS 0.4404
size [# of strips]

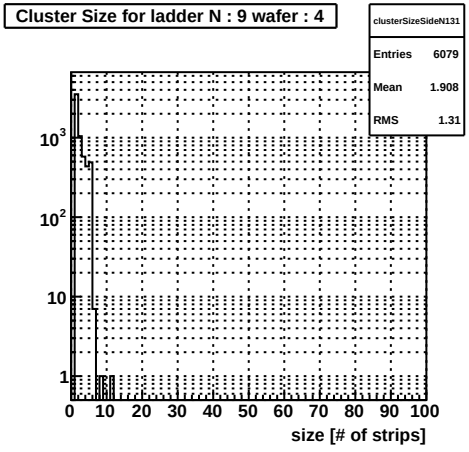

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 24341
Mean 1.303
RMS 0.6988
size [# of strips]

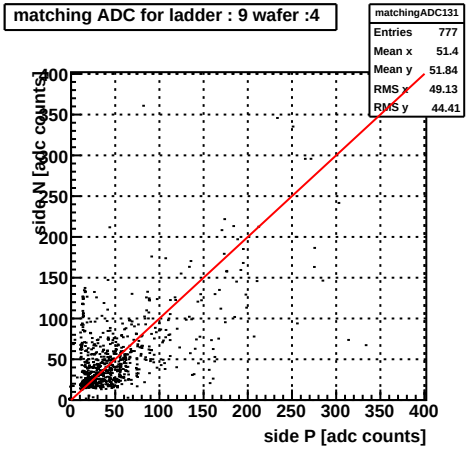

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 924
Mean x 74.84
Mean y 67.87
RMS x 64
RMS y 61.96
side N [adc counts]
side P [adc counts]

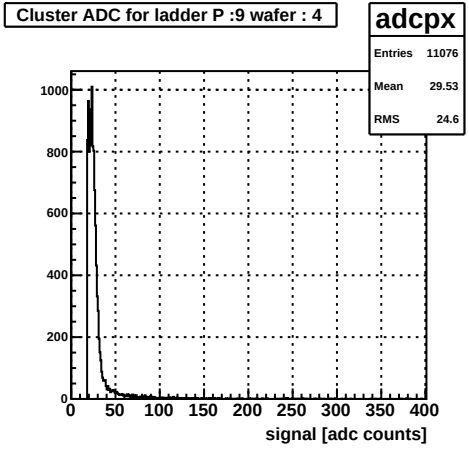

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3152
Mean 61.53
RMS 54.82
signal [adc counts]

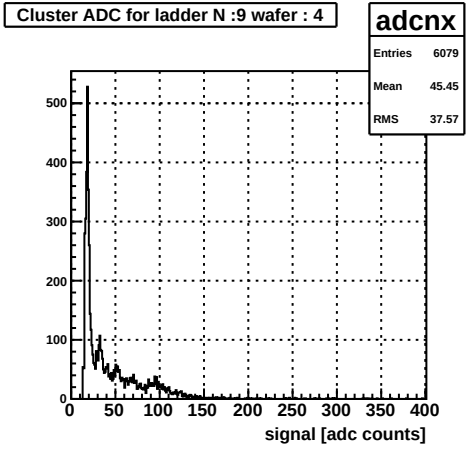

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 24341
Mean 69.54
RMS 53.38
signal [adc counts]

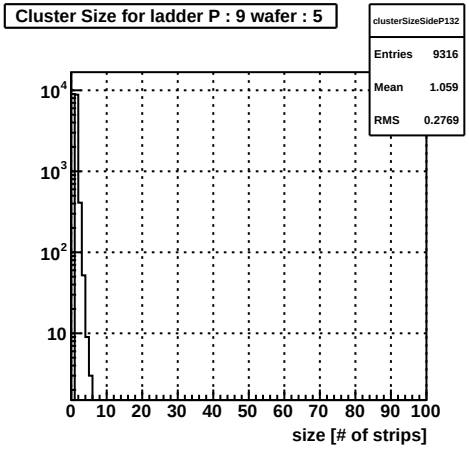

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11076
Mean 1.048
RMS 0.2376
size [# of strips]

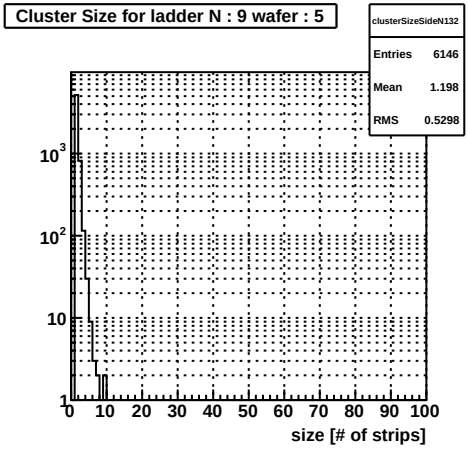

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 6079
Mean 1.908
RMS 1.31
size [# of strips]

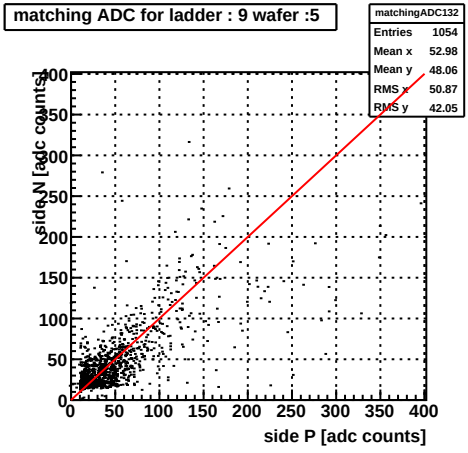

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 777
Mean x 51.4
Mean y 51.84
RMS x 49.13
RMS y 44.41
side N [adc counts]
side P [adc counts]

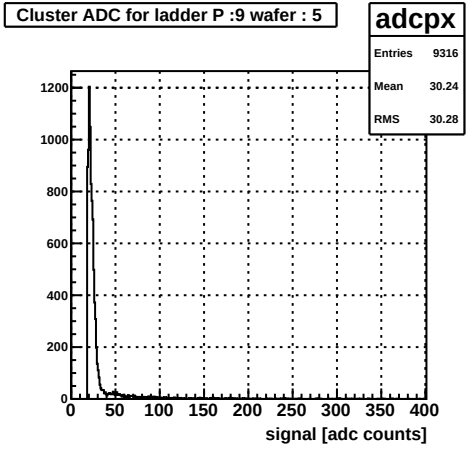

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11076
Mean 29.53
RMS 24.6
signal [adc counts]

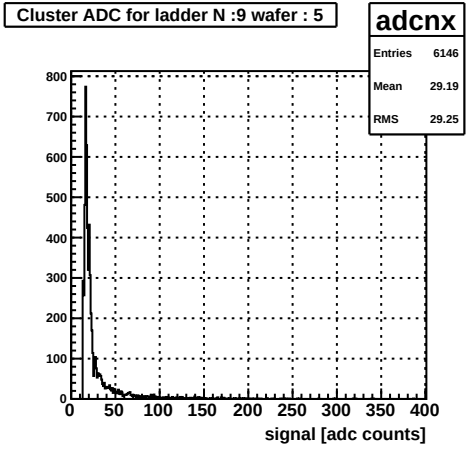

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 6079
Mean 45.45
RMS 37.57
signal [adc counts]

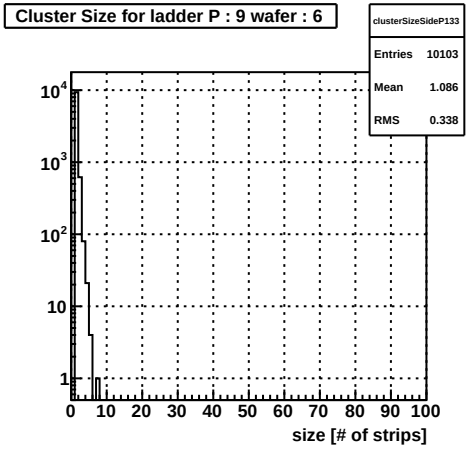

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 9316
Mean 1.059
RMS 0.2769
size [# of strips]

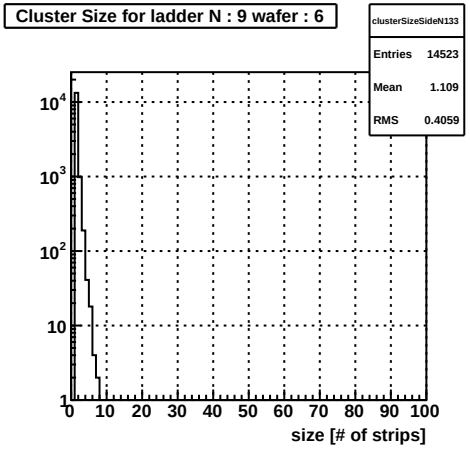

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 6146
Mean 1.198
RMS 0.5298
size [# of strips]

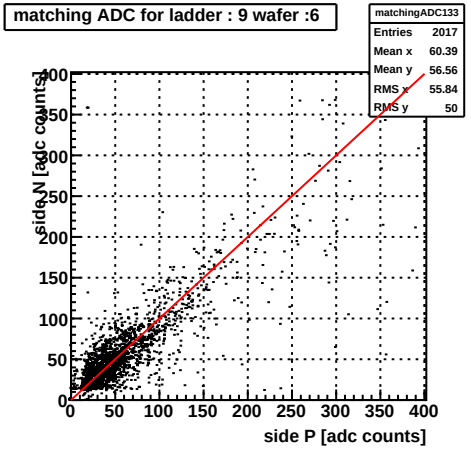

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1054
Mean x 52.98
Mean y 48.06
RMS x 50.87
RMS y 42.05
side N [adc counts]
side P [adc counts]

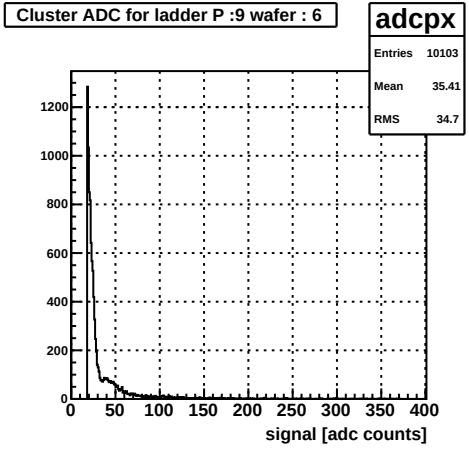

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 9316
Mean 30.24
RMS 30.28
signal [adc counts]

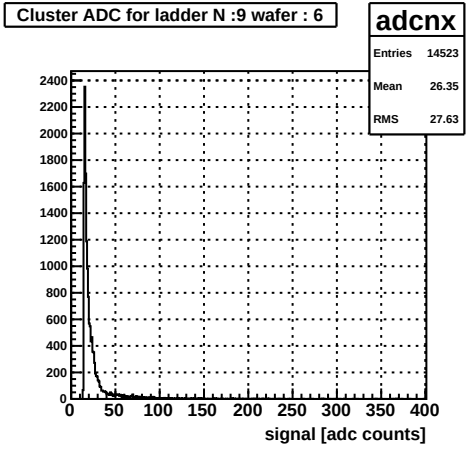

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 6146
Mean 29.19
RMS 29.25
signal [adc counts]

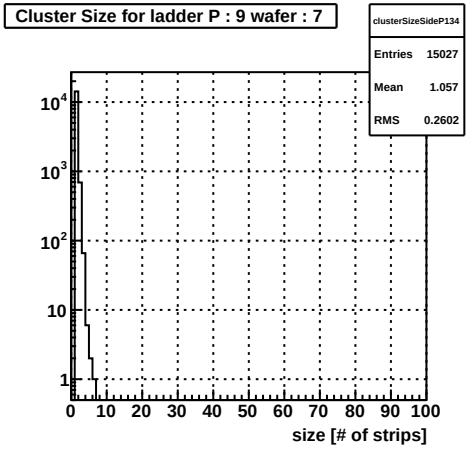

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 10103
Mean 1.086
RMS 0.338
size [# of strips]

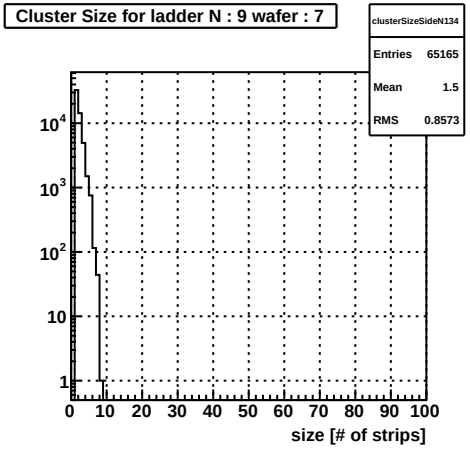

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 14523
Mean 1.109
RMS 0.4059
size [# of strips]

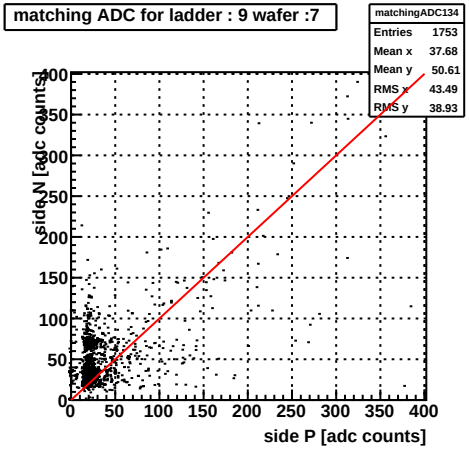

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2017
Mean x 60.39
Mean y 56.56
RMS x 55.84
RMS y 50
side N [adc counts]
side P [adc counts]

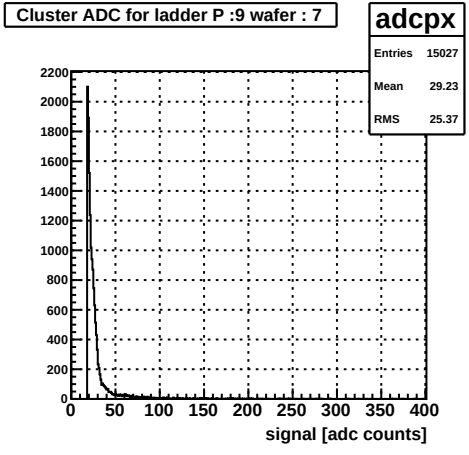

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 10103
Mean 35.41
RMS 34.7
signal [adc counts]

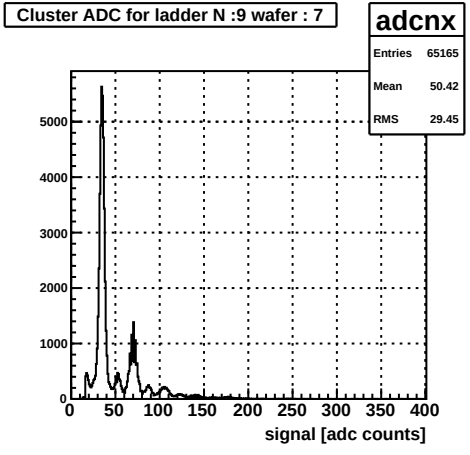

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 14523
Mean 26.35
RMS 27.63
signal [adc counts]

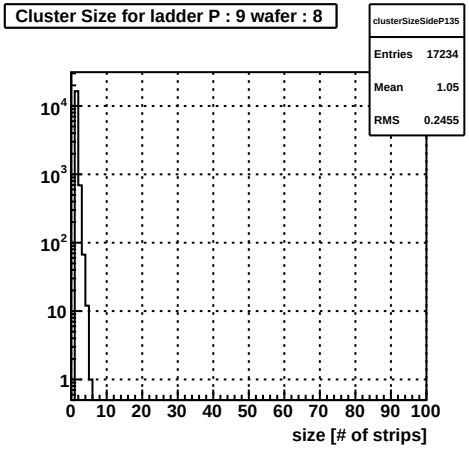

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 15027
Mean 1.057
RMS 0.2602
size [# of strips]

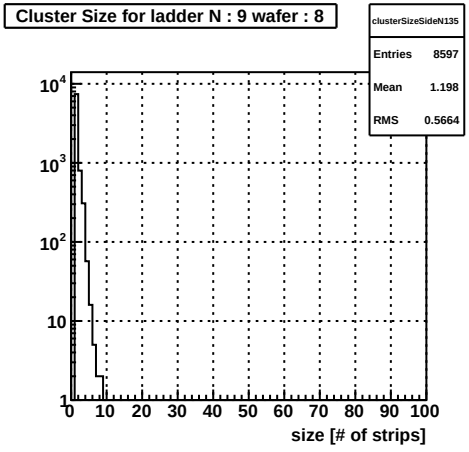

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 65165
Mean 1.5
RMS 0.8573
size [# of strips]

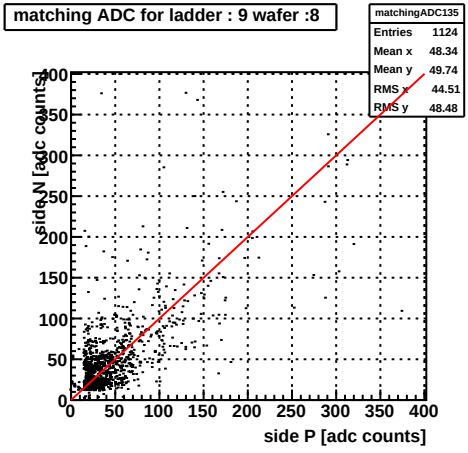

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1753
Mean x 37.68
Mean y 50.61
RMS x 43.49
RMS y 38.93
side N [adc counts]
side P [adc counts]

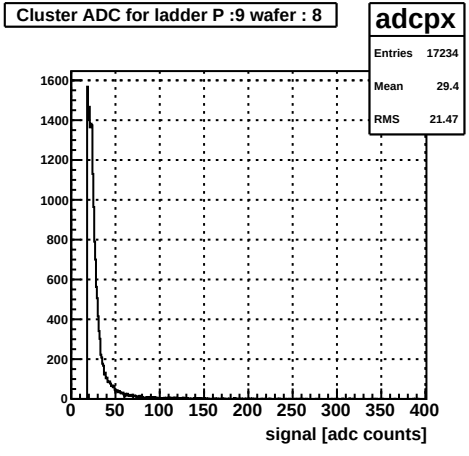

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 15027
Mean 29.23
RMS 25.37
signal [adc counts]

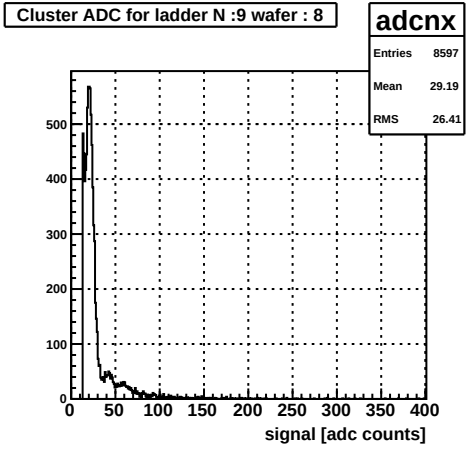

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 65165
Mean 50.42
RMS 29.45
signal [adc counts]

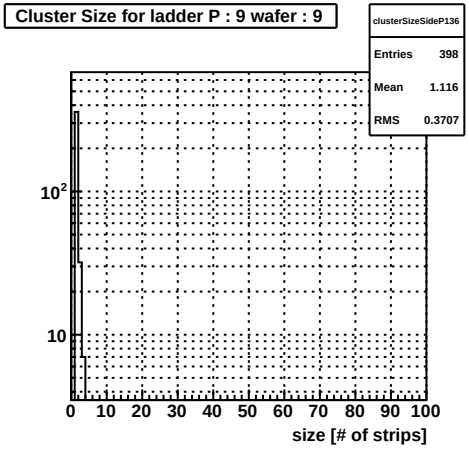

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 17234
Mean 1.05
RMS 0.2455
size [# of strips]

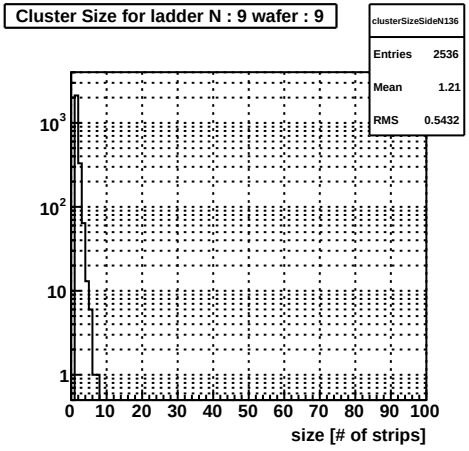

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 8597
Mean 1.198
RMS 0.5664
size [# of strips]

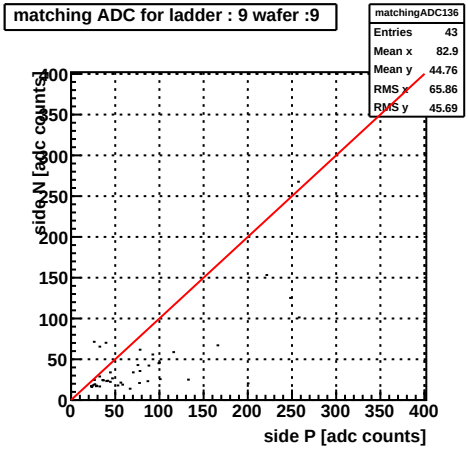

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1124
Mean x 48.34
Mean y 49.74
RMS x 44.51
RMS y 48.48
side N [adc counts]
side P [adc counts]

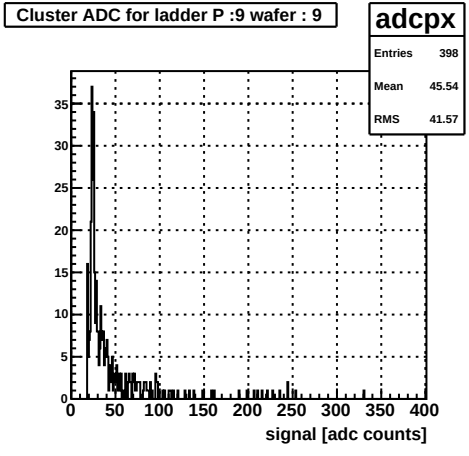

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 17234
Mean 29.4
RMS 21.47
signal [adc counts]

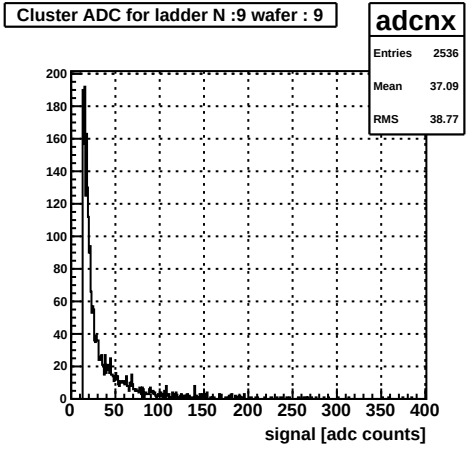

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 8597
Mean 29.19
RMS 26.41
signal [adc counts]

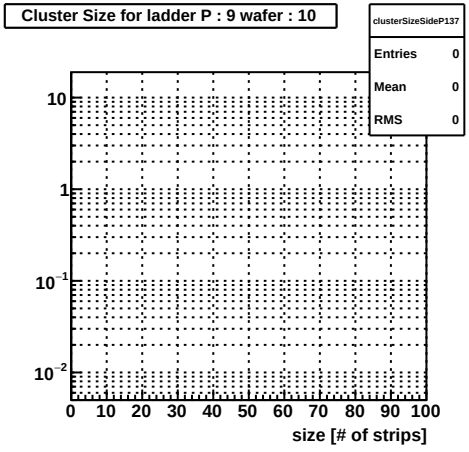

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 398
Mean 1.116
RMS 0.3707
size [# of strips]

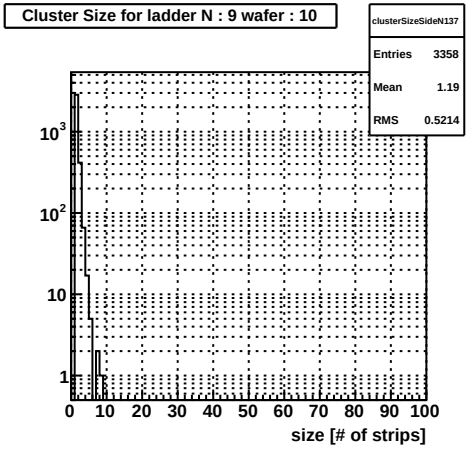

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2536
Mean 1.21
RMS 0.5432
size [# of strips]

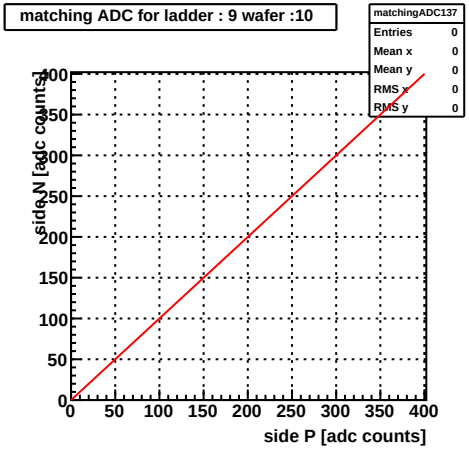

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 43
Mean x 82.9
Mean y 44.76
RMS x 65.86
RMS y 45.69
side N [adc counts]
side P [adc counts]

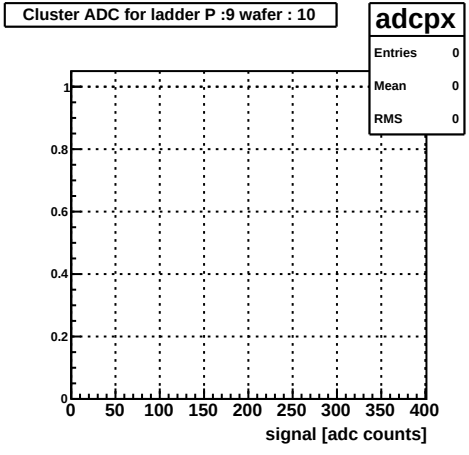

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 398
Mean 45.54
RMS 41.57
signal [adc counts]

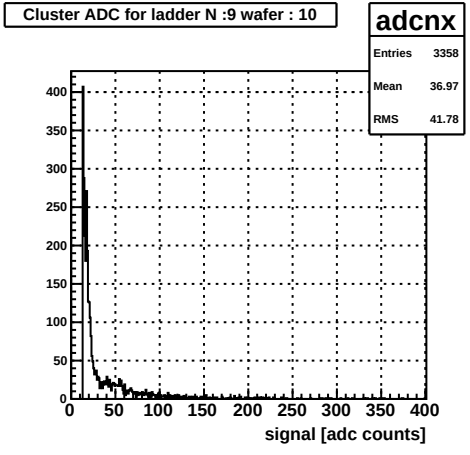

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2536
Mean 37.09
RMS 38.77
signal [adc counts]

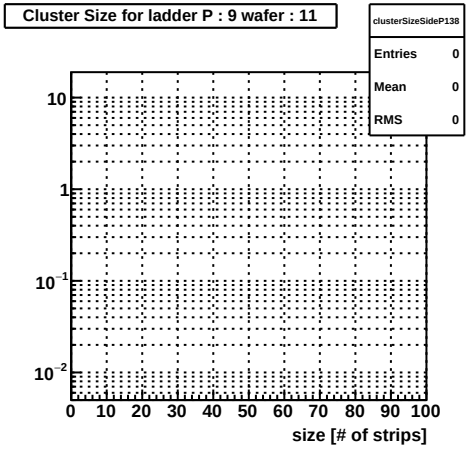

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

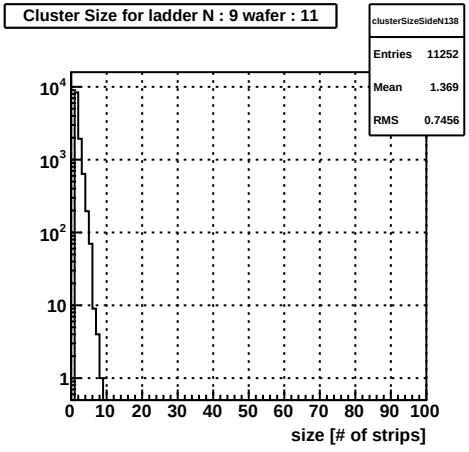

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3358
Mean 1.19
RMS 0.5214
size [# of strips]

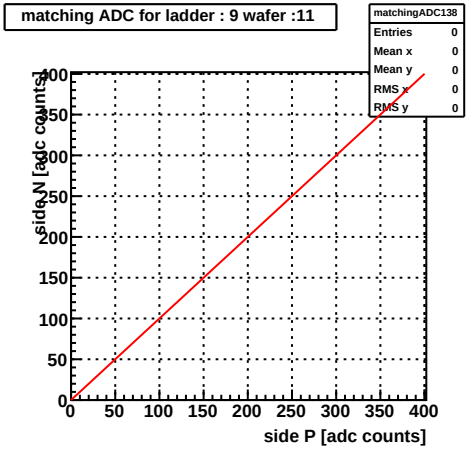

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

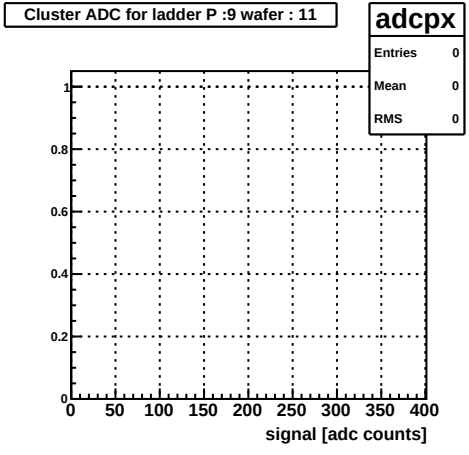

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

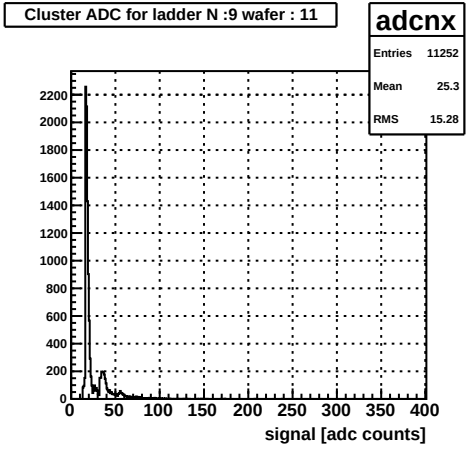

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3358
Mean 36.97
RMS 41.78
signal [adc counts]

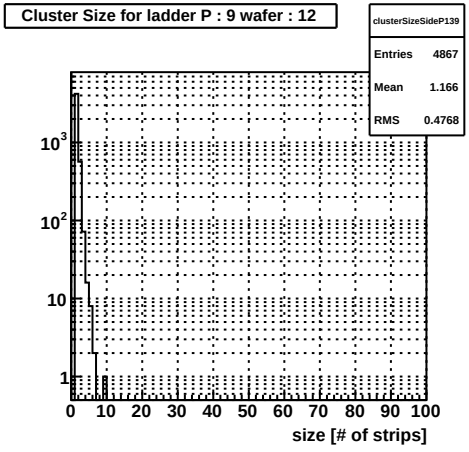

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

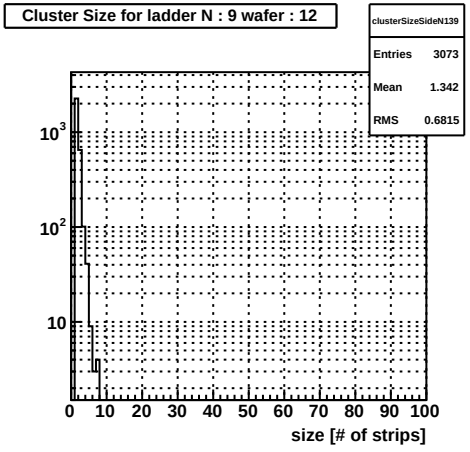

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 11252
Mean 1.369
RMS 0.7456
size [# of strips]

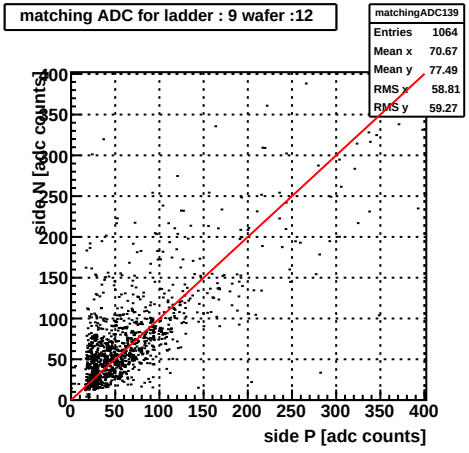

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

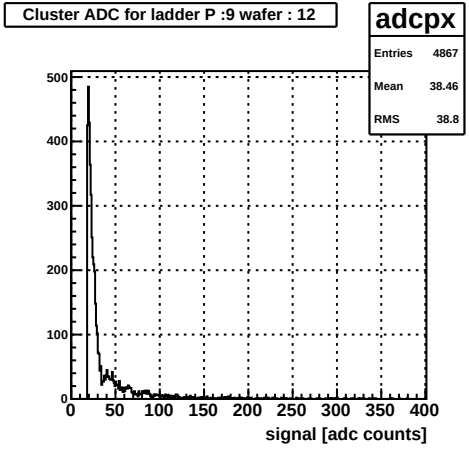

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

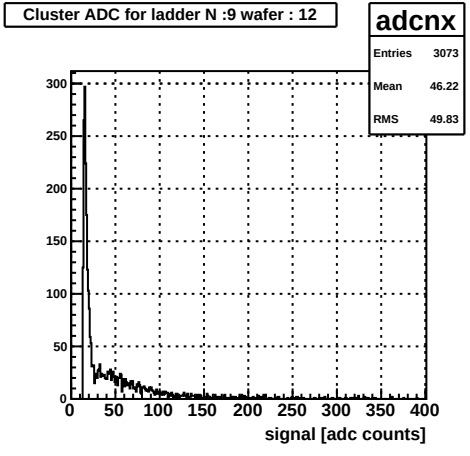

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 11252
Mean 25.3
RMS 15.28
signal [adc counts]

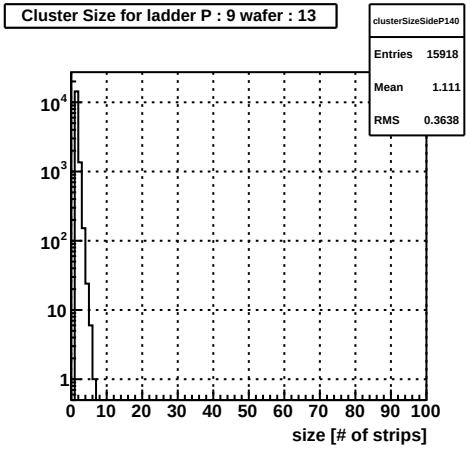

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4867
Mean 1.166
RMS 0.4768
size [# of strips]

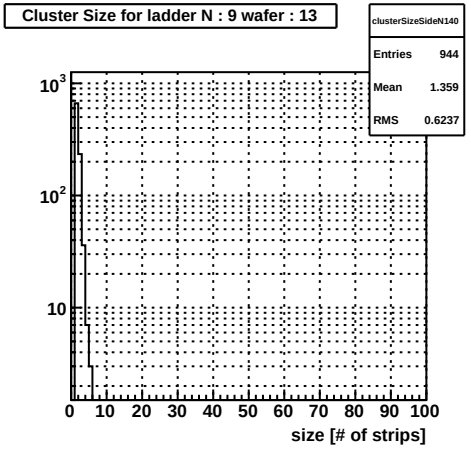

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3073
Mean 1.342
RMS 0.6815
size [# of strips]

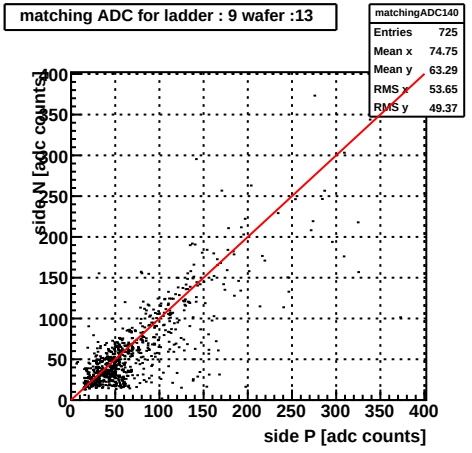

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1064
Mean x 70.67
Mean y 77.49
RMS x 58.81
RMS y 59.27
side N [adc counts]
side P [adc counts]

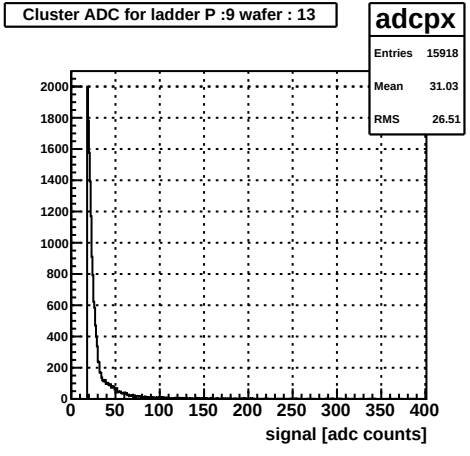

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4867
Mean 38.46
RMS 38.8
signal [adc counts]

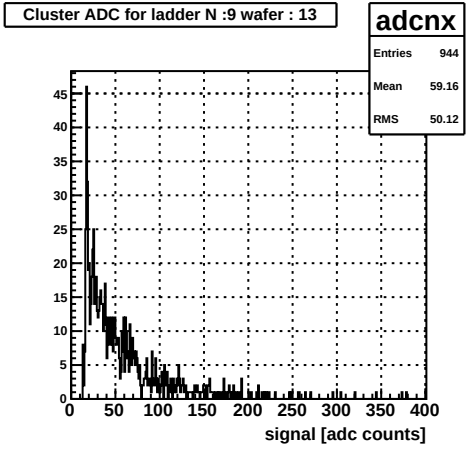

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3073
Mean 46.22
RMS 49.83
signal [adc counts]

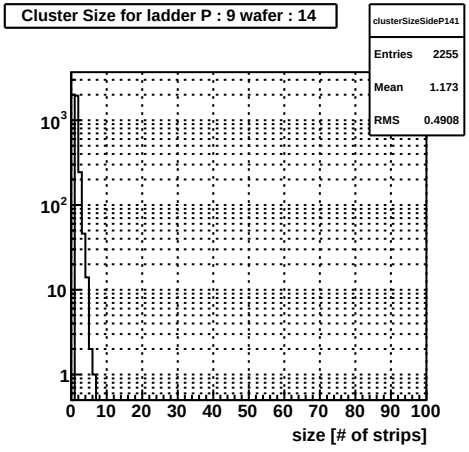

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 15918
Mean 1.111
RMS 0.3638
size [# of strips]

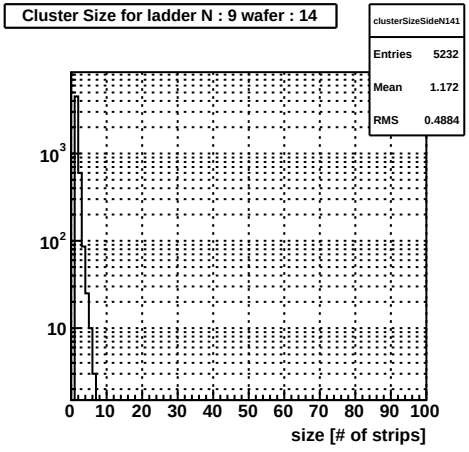

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 944
Mean 1.359
RMS 0.6237
size [# of strips]

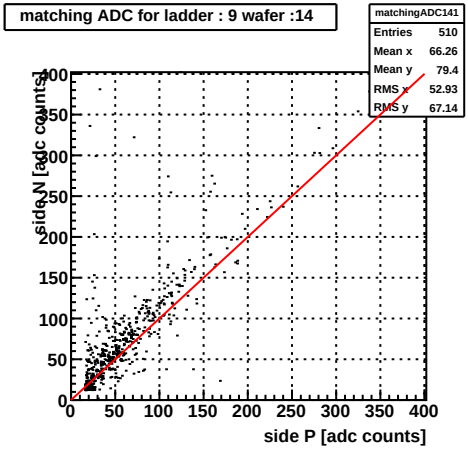

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 725
Mean x 74.75
Mean y 63.29
RMS x 53.65
RMS y 49.37
side N [adc counts]
side P [adc counts]

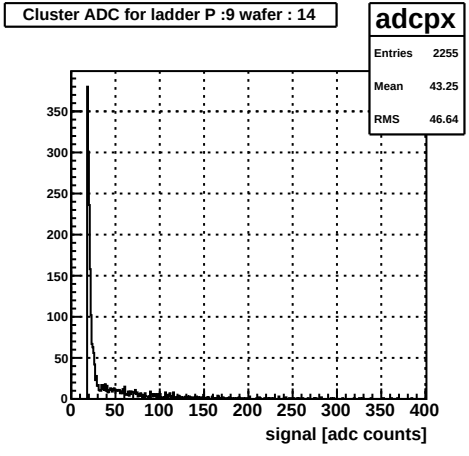

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 15918
Mean 31.03
RMS 26.51
signal [adc counts]

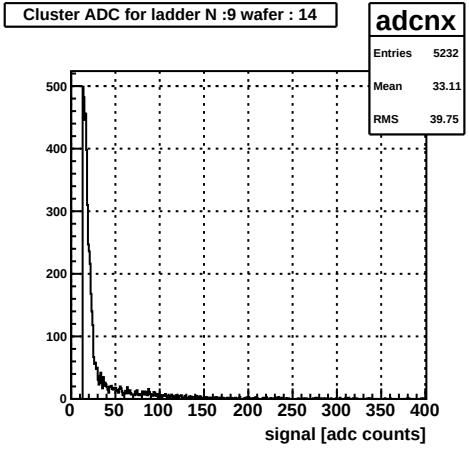

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 944
Mean 59.16
RMS 50.12
signal [adc counts]

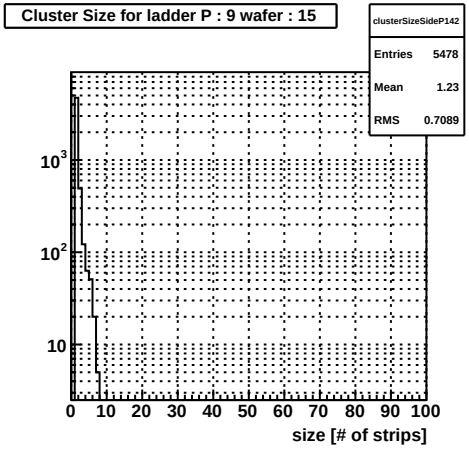

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2255
Mean 1.173
RMS 0.4908
size [# of strips]

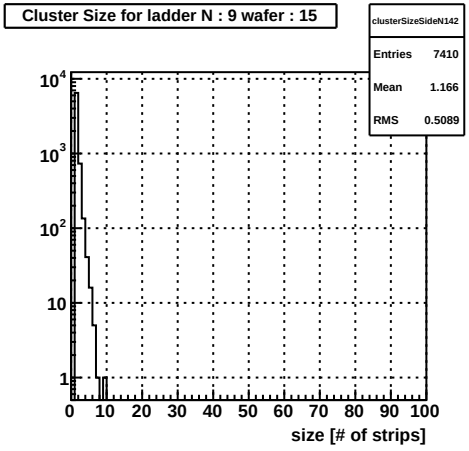

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5232
Mean 1.172
RMS 0.4884
size [# of strips]

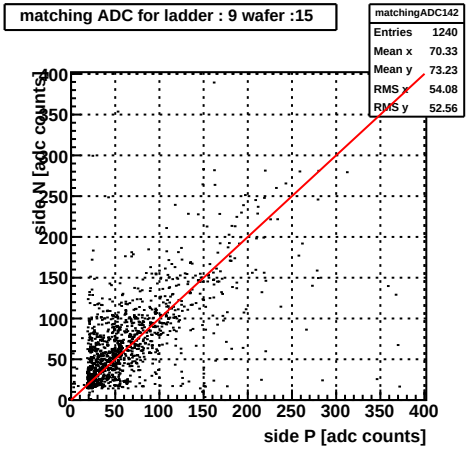

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 510
Mean x 66.26
Mean y 79.4
RMS x 52.93
RMS y 67.14
side N [adc counts]
side P [adc counts]

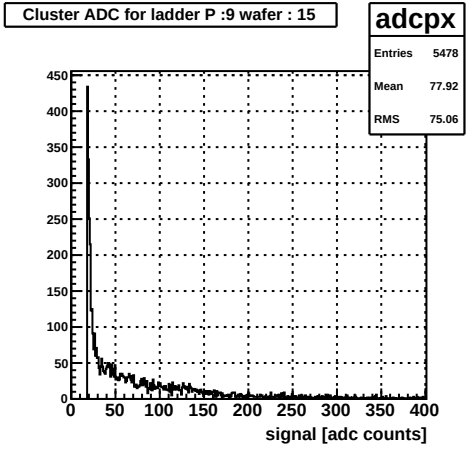

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2255
Mean 43.25
RMS 46.64
signal [adc counts]

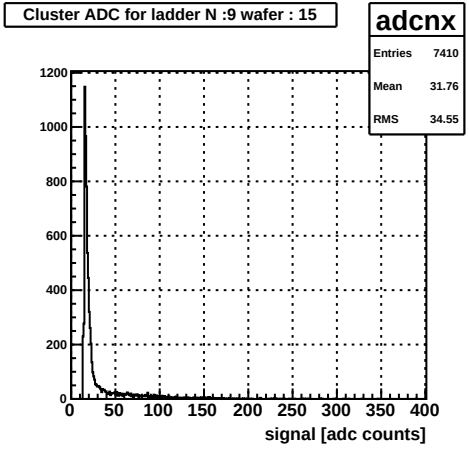

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5232
Mean 33.11
RMS 39.75
signal [adc counts]

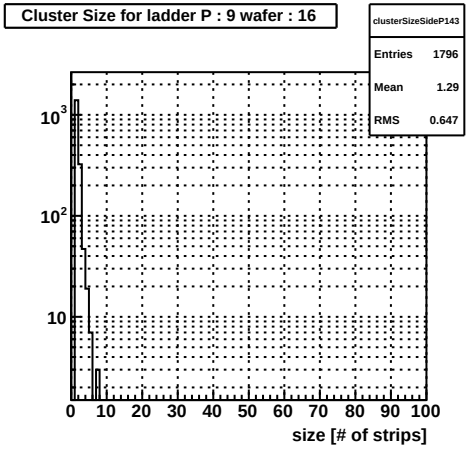

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5478
Mean 1.23
RMS 0.7089
size [# of strips]

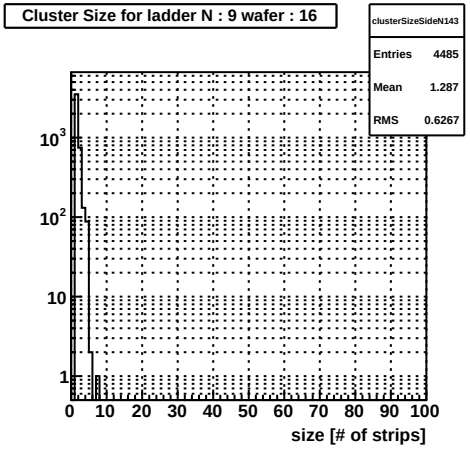

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 7410
Mean 1.166
RMS 0.5089
size [# of strips]

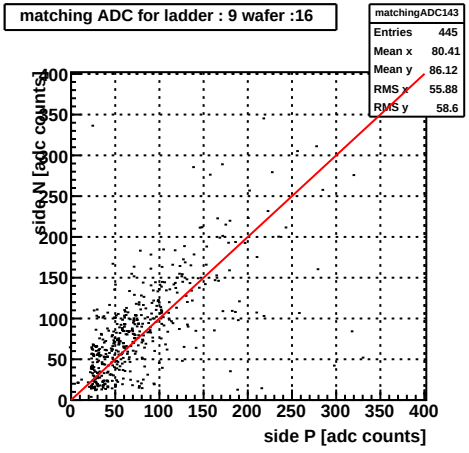

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1240
Mean x 70.33
Mean y 73.23
RMS x 54.08
RMS y 52.56
side N [adc counts]
side P [adc counts]

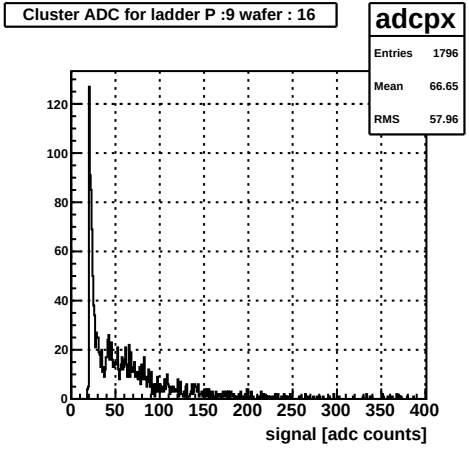

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5478
Mean 77.92
RMS 75.06
signal [adc counts]

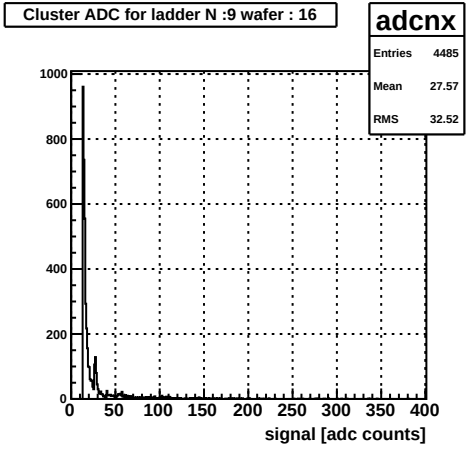

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 7410
Mean 31.76
RMS 34.55
signal [adc counts]

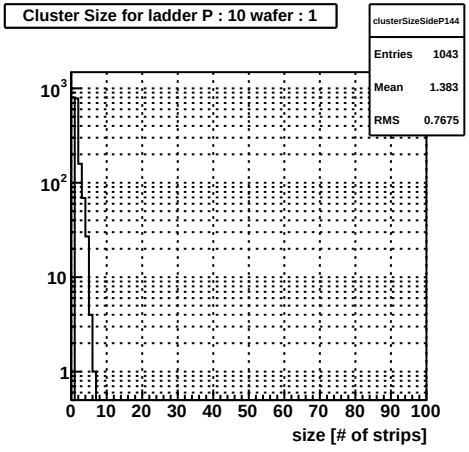

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1796
Mean 1.29
RMS 0.647
size [# of strips]

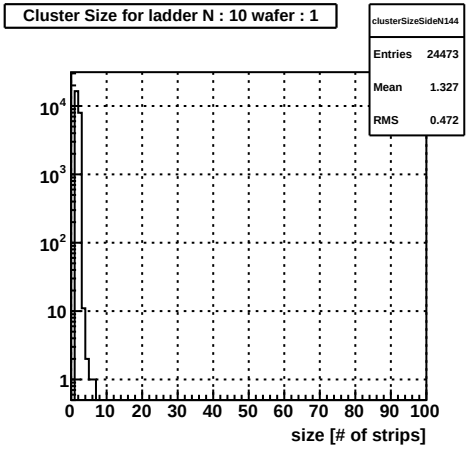

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4485
Mean 1.287
RMS 0.6267
size [# of strips]

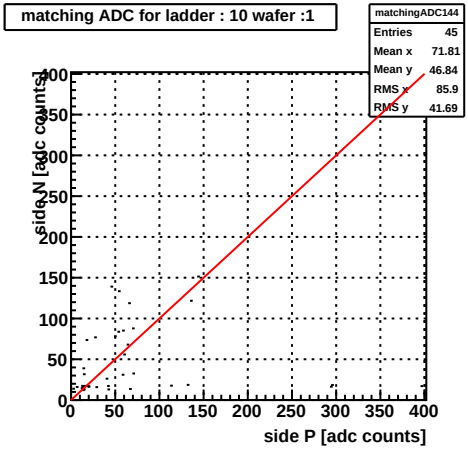

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 445
Mean x 80.41
Mean y 86.12
RMS x 55.88
RMS y 58.6
side N [adc counts]
side P [adc counts]

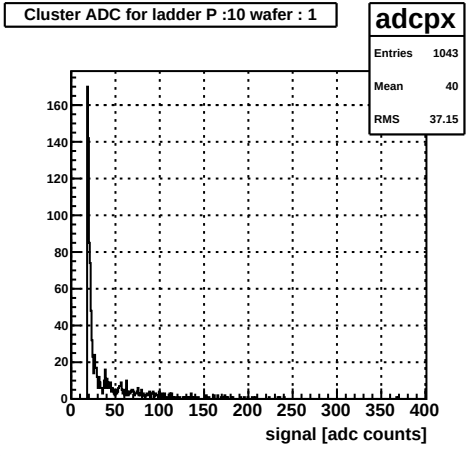

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1796
Mean 66.65
RMS 57.96
signal [adc counts]

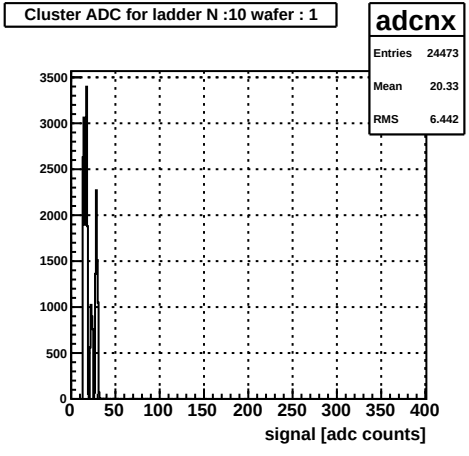

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4485
Mean 27.57
RMS 32.52
signal [adc counts]

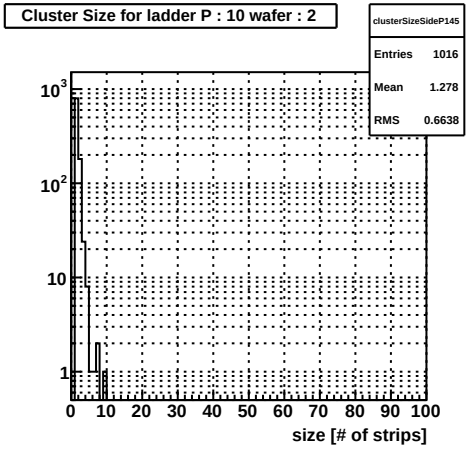

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1043
Mean 1.383
RMS 0.7675
size [# of strips]

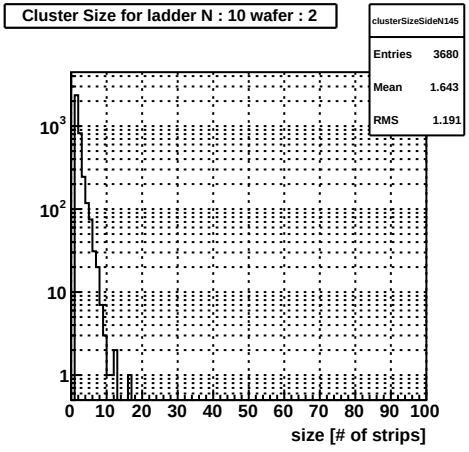

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 24473
Mean 1.327
RMS 0.472
size [# of strips]

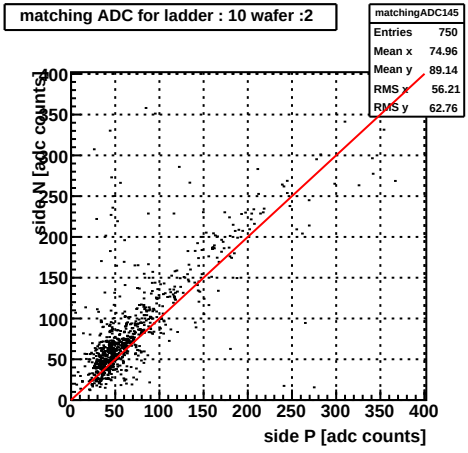

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 45
Mean x 71.81
Mean y 46.84
RMS x 85.9
RMS y 41.69
side N [adc counts]
side P [adc counts]

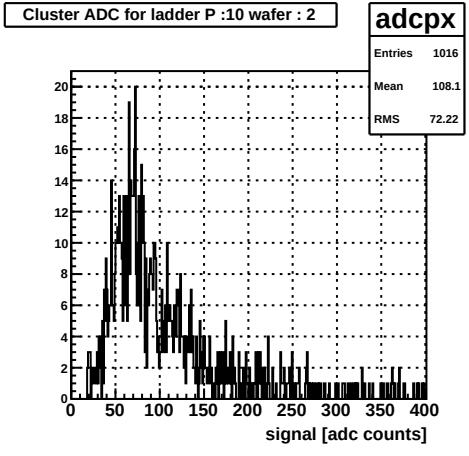

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1043
Mean 40
RMS 37.15
signal [adc counts]

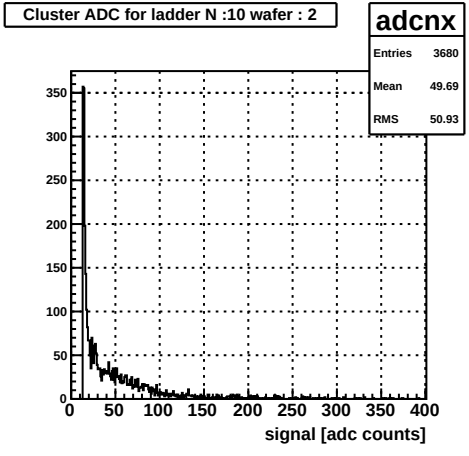

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 24473
Mean 20.33
RMS 6.442
signal [adc counts]

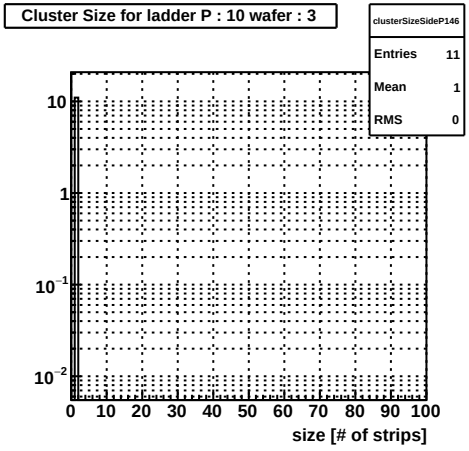

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1016
Mean 1.278
RMS 0.6638
size [# of strips]

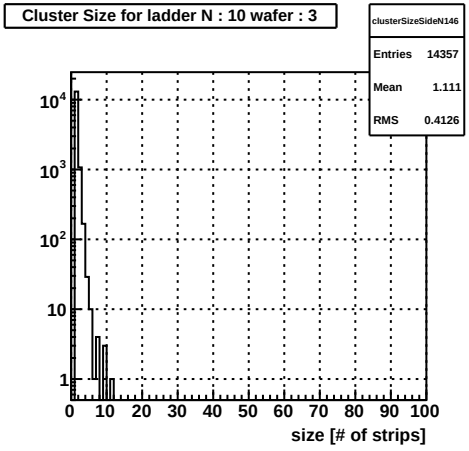

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3680
Mean 1.643
RMS 1.191
size [# of strips]

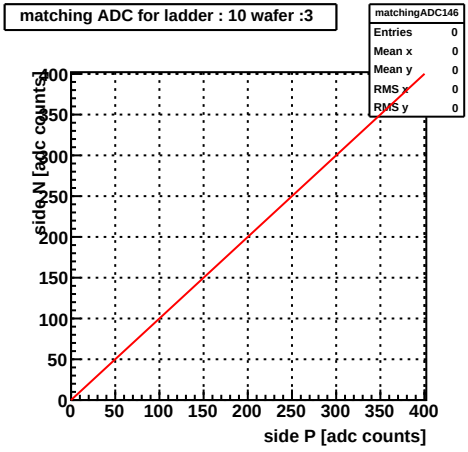

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 750
Mean x 74.96
Mean y 89.14
RMS x 56.21
RMS y 62.76
side N [adc counts]
side P [adc counts]

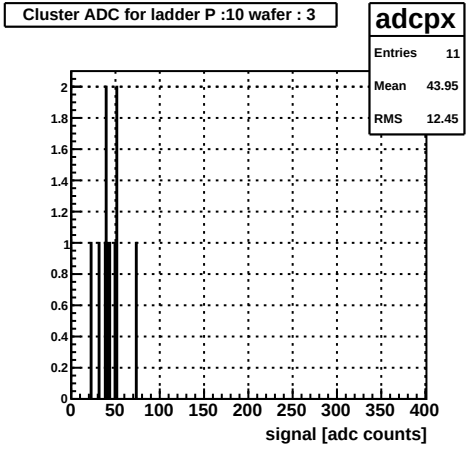

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1016
Mean 108.1
RMS 72.22
signal [adc counts]

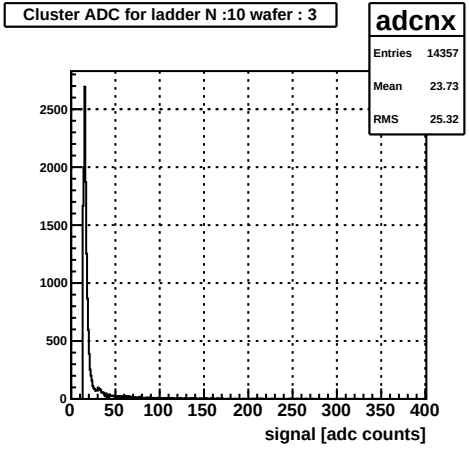

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3680
Mean 49.69
RMS 50.93
signal [adc counts]

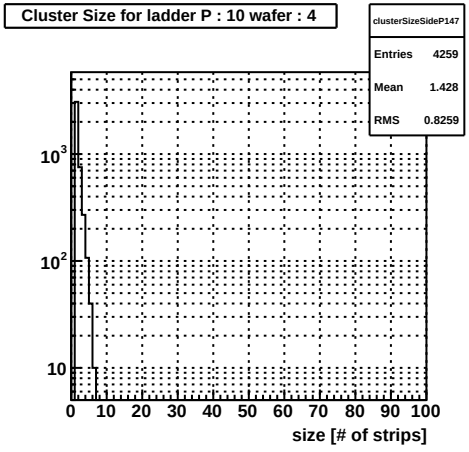

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 11
Mean 1
RMS 0
size [# of strips]

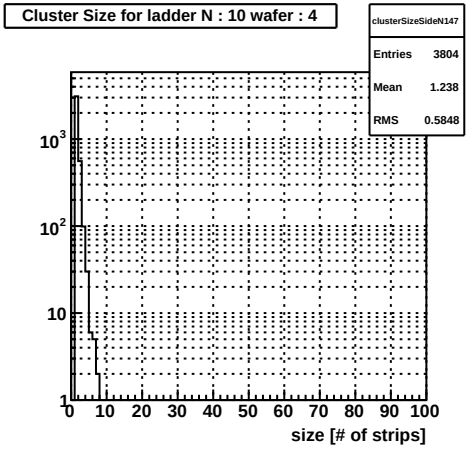

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 14357
Mean 1.111
RMS 0.4126
size [# of strips]

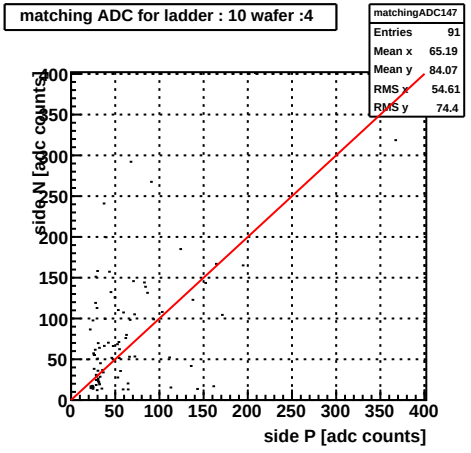

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

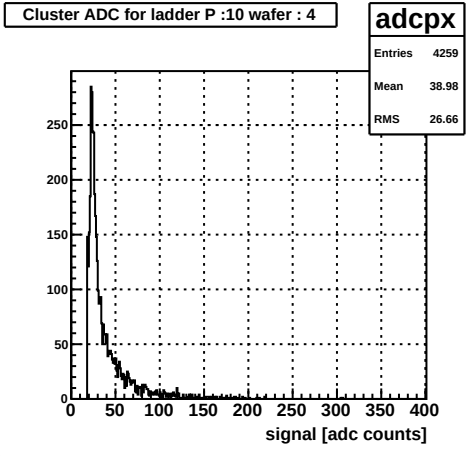

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 11
Mean 43.95
RMS 12.45
signal [adc counts]

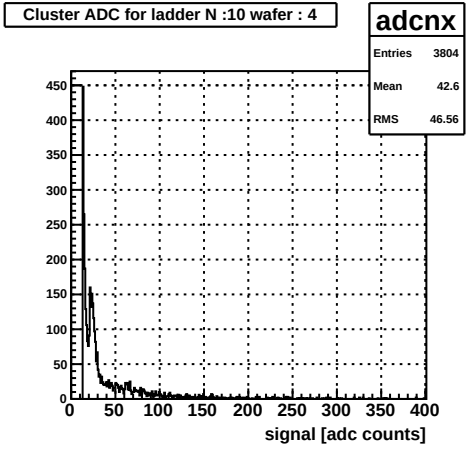

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 14357
Mean 23.73
RMS 25.32
signal [adc counts]

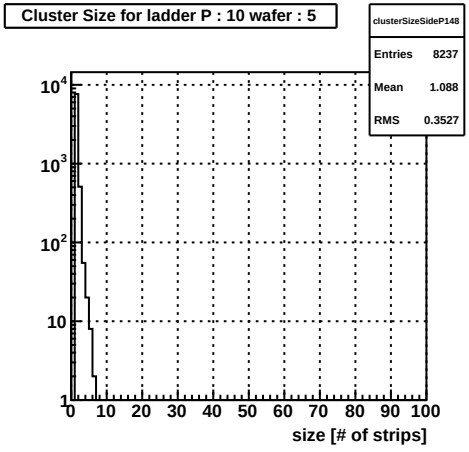

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4259
Mean 1.428
RMS 0.8259
size [# of strips]

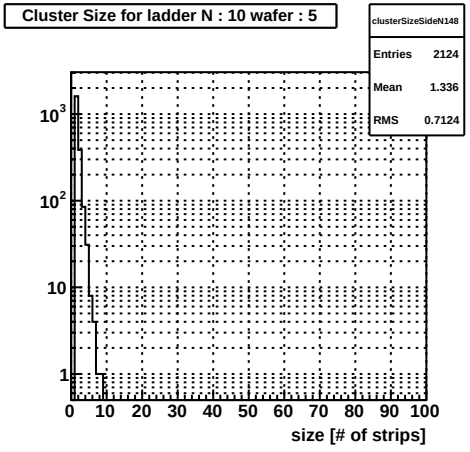

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3804
Mean 1.238
RMS 0.5848
size [# of strips]

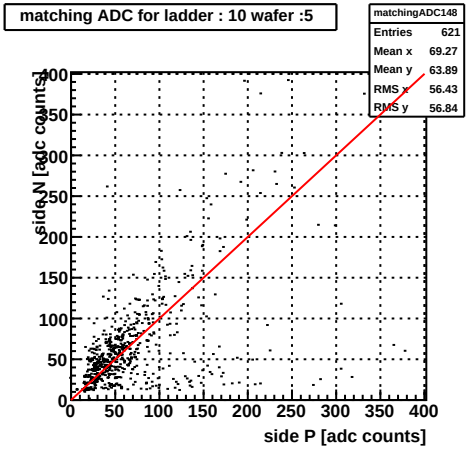

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 91
Mean x 65.19
Mean y 84.07
RMS x 54.61
RMS y 74.4
side N [adc counts]
side P [adc counts]

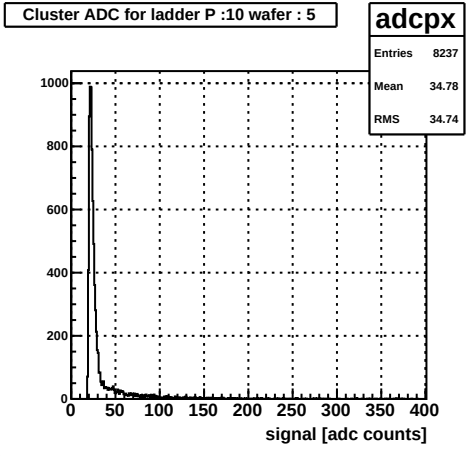

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4259
Mean 38.98
RMS 26.66
signal [adc counts]

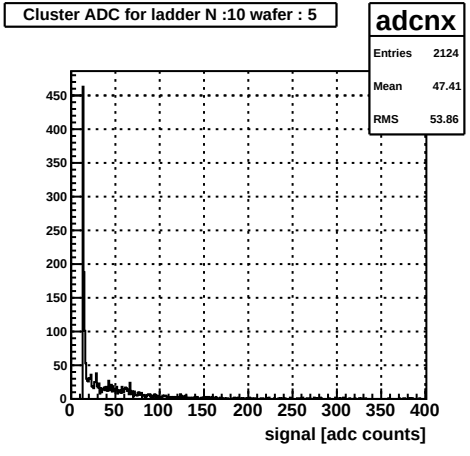

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3804
Mean 42.6
RMS 46.56
signal [adc counts]

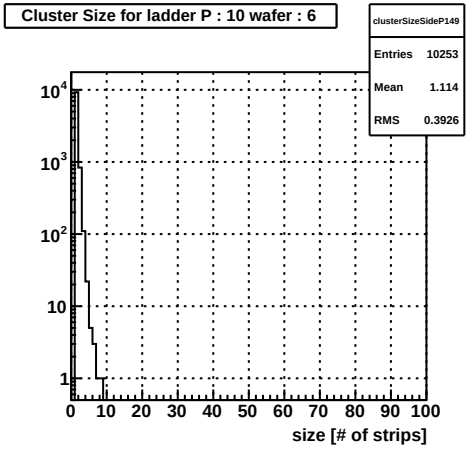

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 8237
Mean 1.088
RMS 0.3527
size [# of strips]

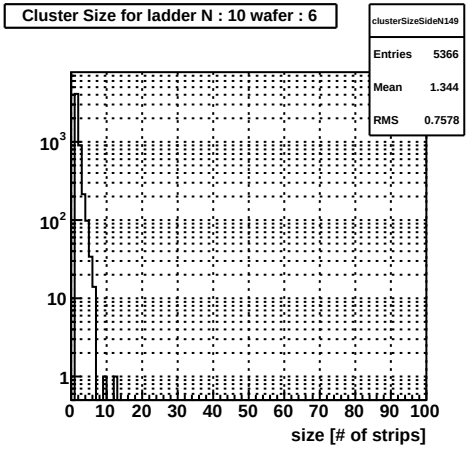

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2124
Mean 1.336
RMS 0.7124
size [# of strips]

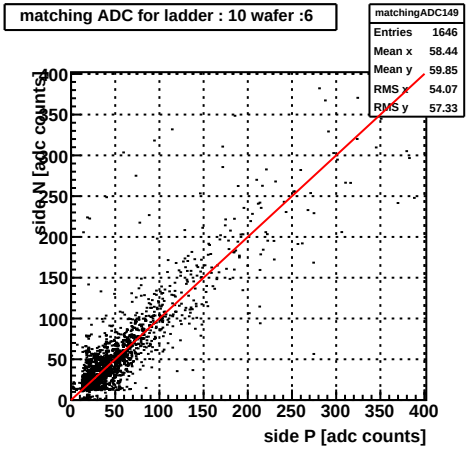

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 621
Mean x 69.27
Mean y 63.89
RMS x 56.43
RMS y 56.84
side N [adc counts]
side P [adc counts]

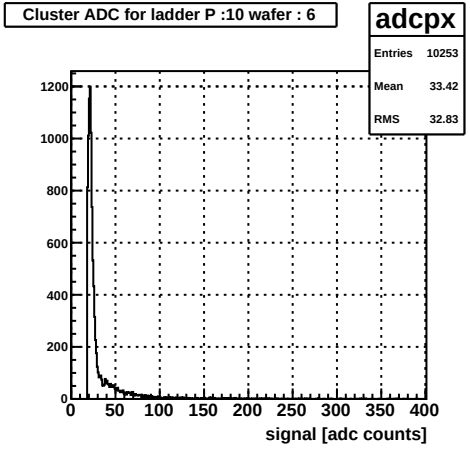

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 8237
Mean 34.78
RMS 34.74
signal [adc counts]

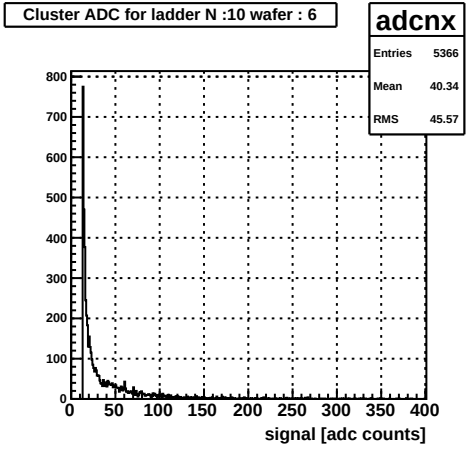

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2124
Mean 47.41
RMS 53.86
signal [adc counts]

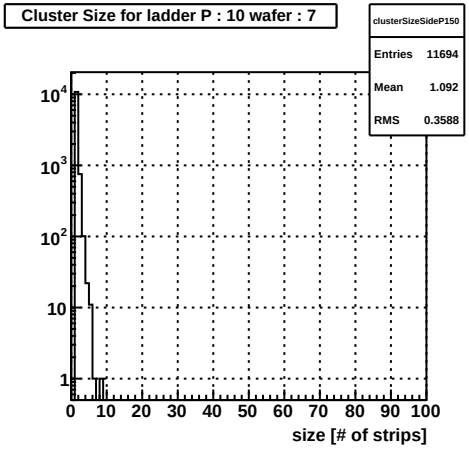

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10253
Mean 1.114
RMS 0.3926
size [# of strips]

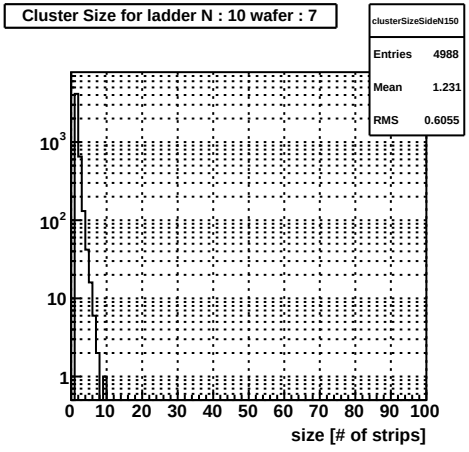

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5366
Mean 1.344
RMS 0.7578
size [# of strips]

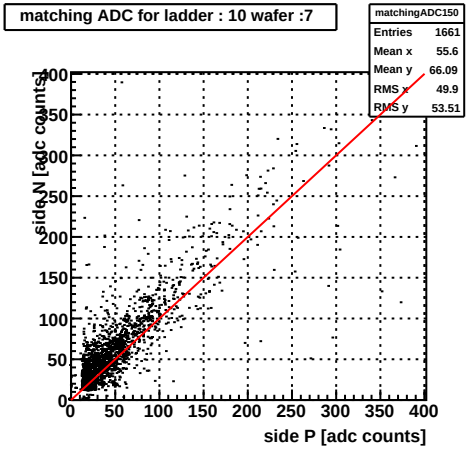

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1646
Mean x 58.44
Mean y 59.85
RMS x 54.07
RMS y 57.33
side N [adc counts]
side P [adc counts]

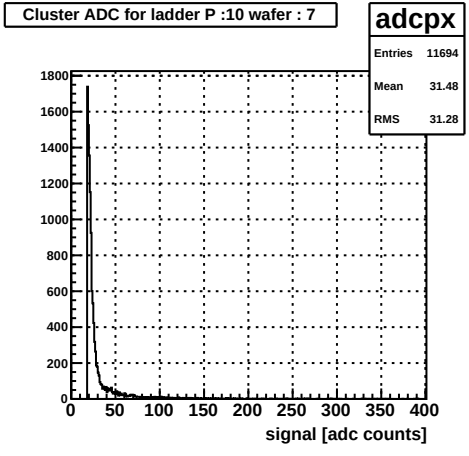

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10253
Mean 33.42
RMS 32.83
signal [adc counts]

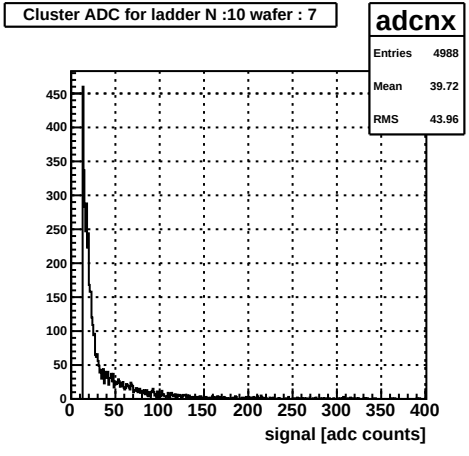

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5366
Mean 40.34
RMS 45.57
signal [adc counts]

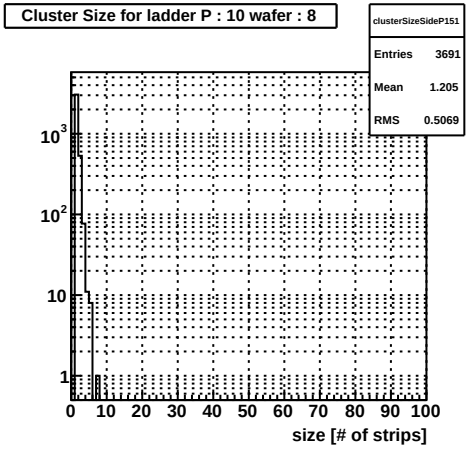

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 11694
Mean 1.092
RMS 0.3588
size [# of strips]

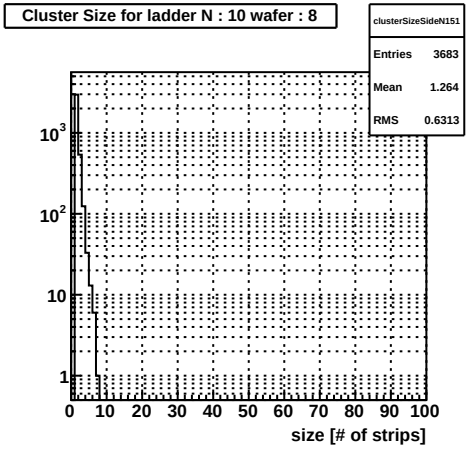

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4988
Mean 1.231
RMS 0.6055
size [# of strips]

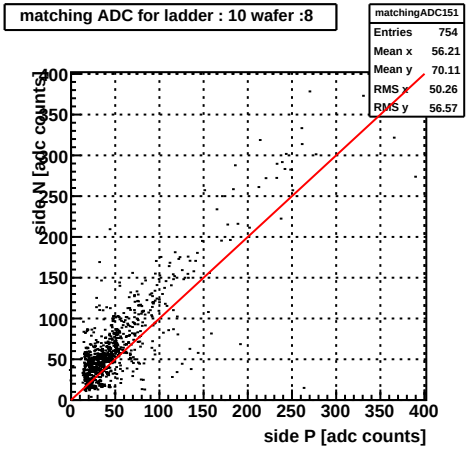

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1661
Mean x 55.6
Mean y 66.09
RMS x 49.9
RMS y 53.51
side N [adc counts]
side P [adc counts]

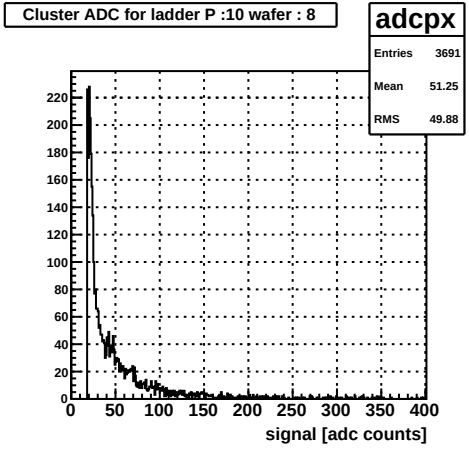

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 11694
Mean 31.48
RMS 31.28
signal [adc counts]

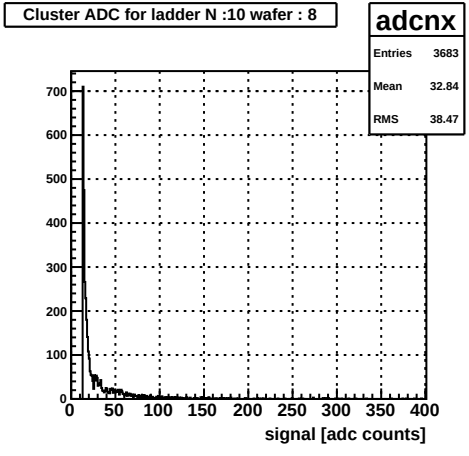

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4988
Mean 39.72
RMS 43.96
signal [adc counts]

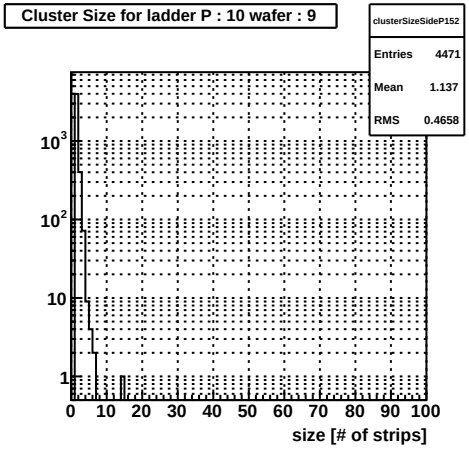

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3691
Mean 1.205
RMS 0.5069
size [# of strips]

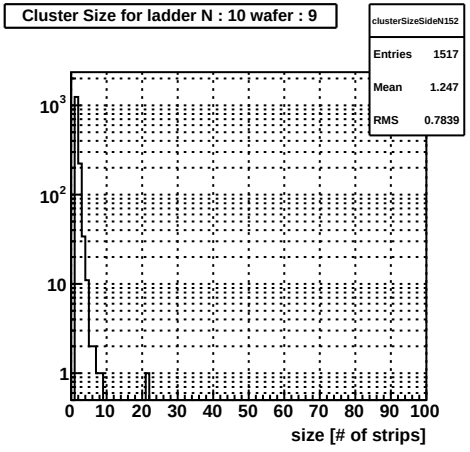

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3683
Mean 1.264
RMS 0.6313
size [# of strips]

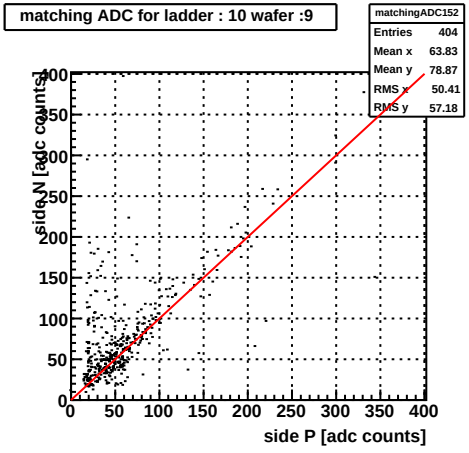

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 754
Mean x 56.21
Mean y 70.11
RMS x 50.26
RMS y 56.57
side N [adc counts]
side P [adc counts]

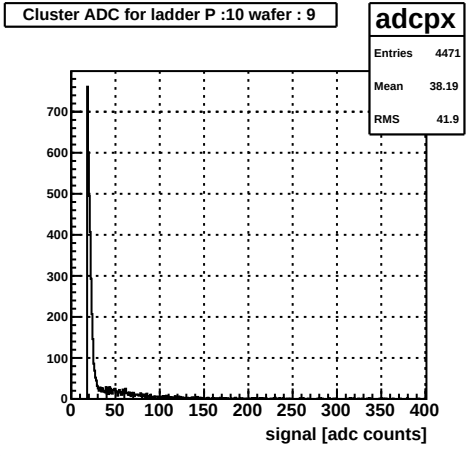

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3691
Mean 51.25
RMS 49.88
signal [adc counts]

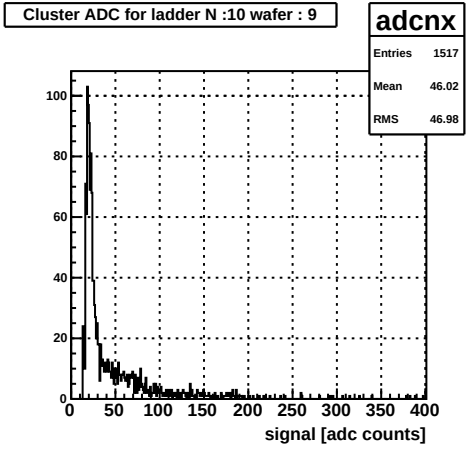

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3683
Mean 32.84
RMS 38.47
signal [adc counts]

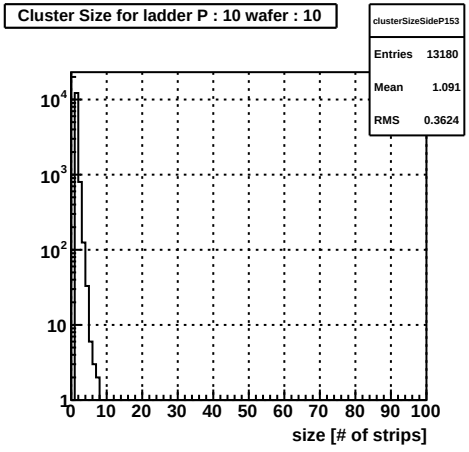

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4471
Mean 1.137
RMS 0.4658
size [# of strips]

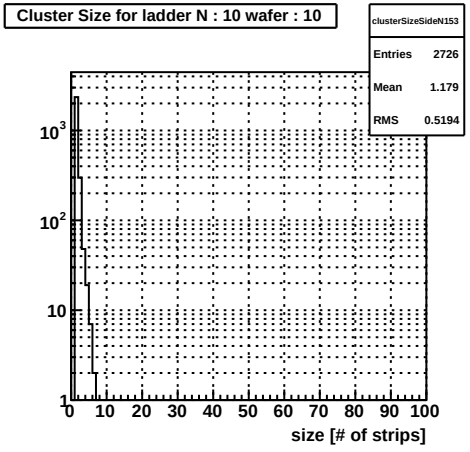

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1517
Mean 1.247
RMS 0.7839
size [# of strips]

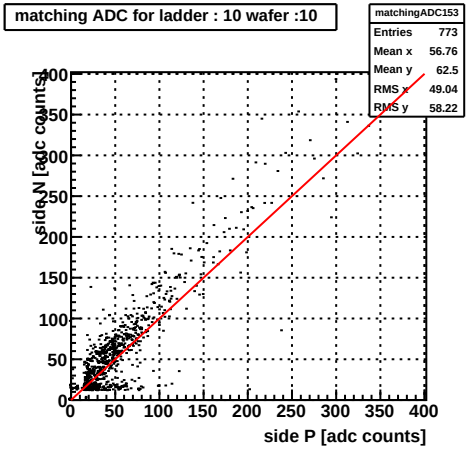

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 404
Mean x 63.83
Mean y 78.87
RMS x 50.41
RMS y 57.18
side N [adc counts]
side P [adc counts]

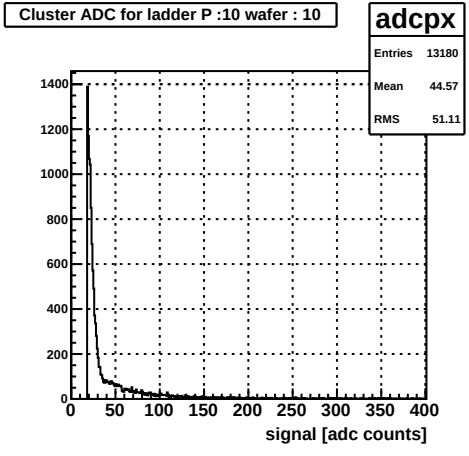

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4471
Mean 38.19
RMS 41.9
signal [adc counts]

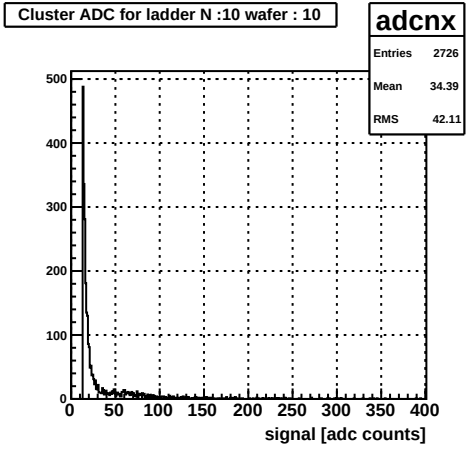

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1517
Mean 46.02
RMS 46.98
signal [adc counts]

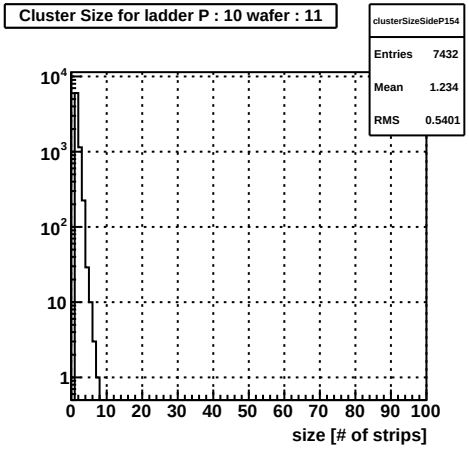

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 13180
Mean 1.091
RMS 0.3624
size [# of strips]

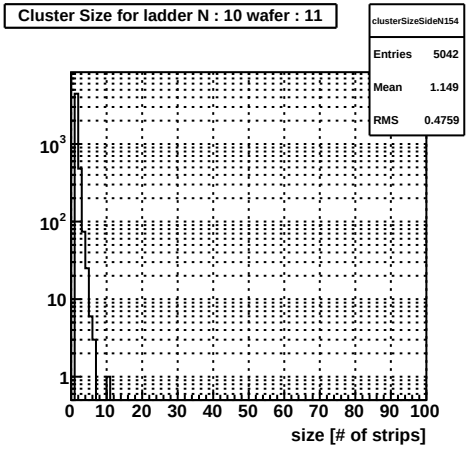

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2726
Mean 1.179
RMS 0.5194
size [# of strips]

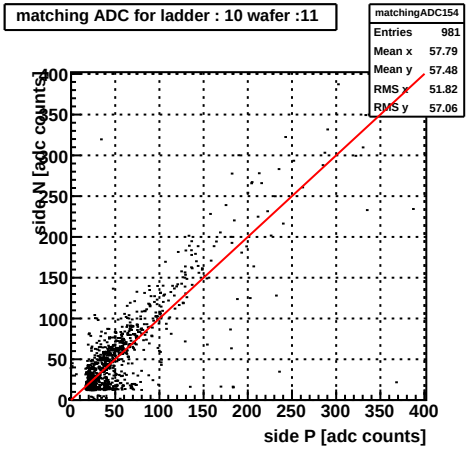

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 773
Mean x 56.76
Mean y 62.5
RMS x 49.04
RMS y 58.22
side N [adc counts]
side P [adc counts]

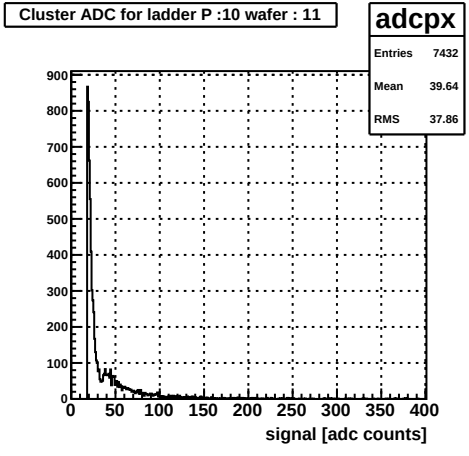

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 13180
Mean 44.57
RMS 51.11
signal [adc counts]

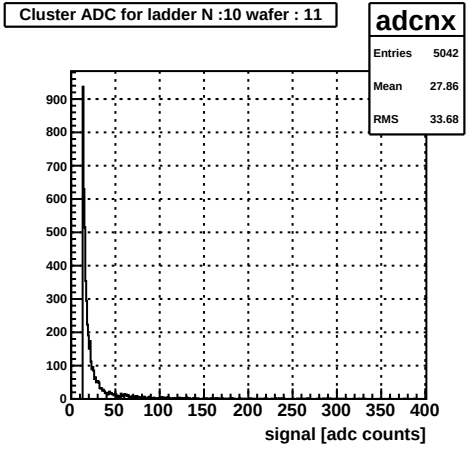

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2726
Mean 34.39
RMS 42.11
signal [adc counts]

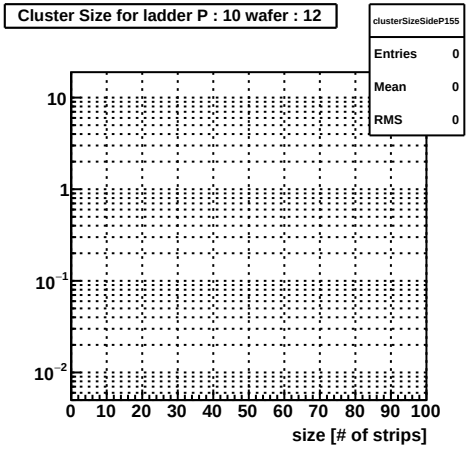

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 7432
Mean 1.234
RMS 0.5401
size [# of strips]

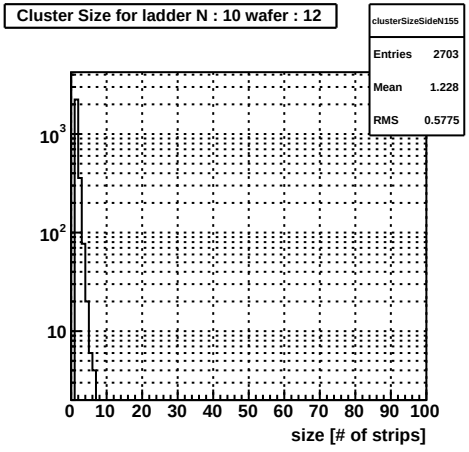

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5042
Mean 1.149
RMS 0.4759
size [# of strips]

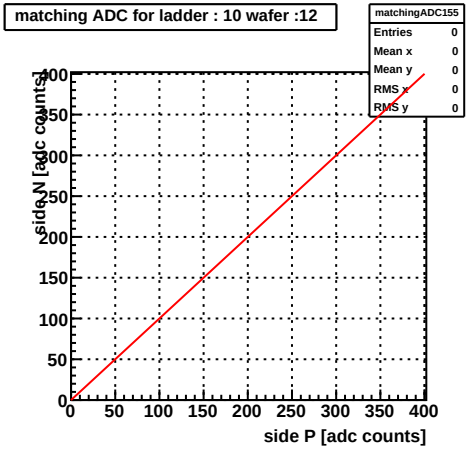

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 981
Mean x 57.79
Mean y 57.48
RMS x 51.82
RMS y 57.06
side N [adc counts]
side P [adc counts]

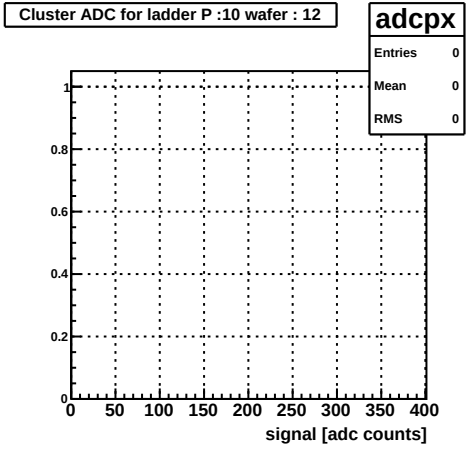

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 7432
Mean 39.64
RMS 37.86
signal [adc counts]

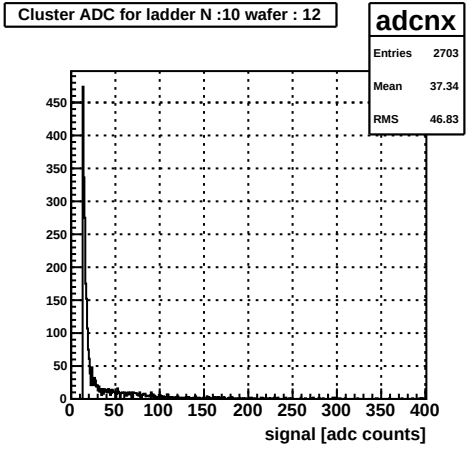

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5042
Mean 27.86
RMS 33.68
signal [adc counts]

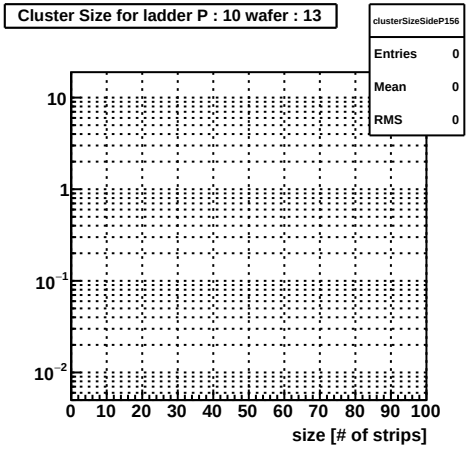

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

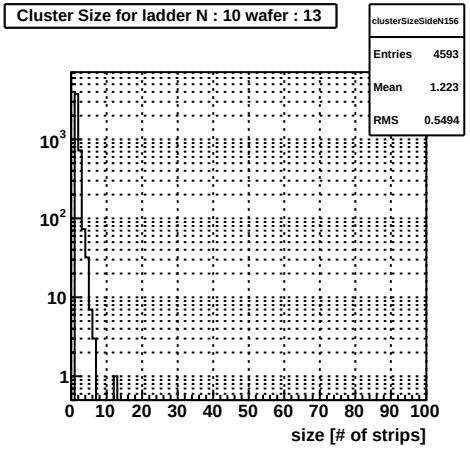

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2703
Mean 1.228
RMS 0.5775
size [# of strips]

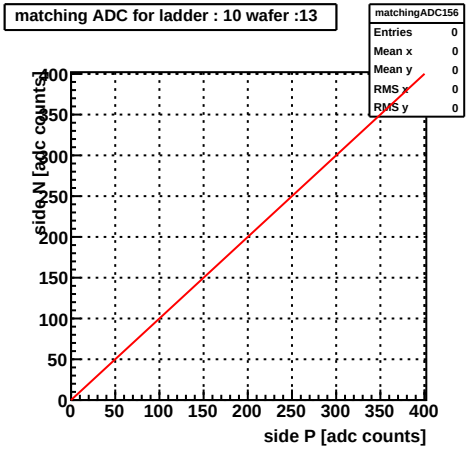

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

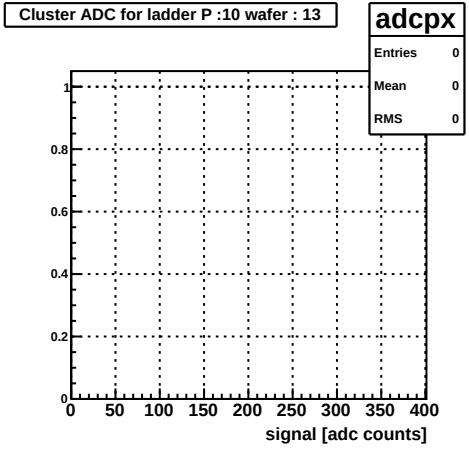

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

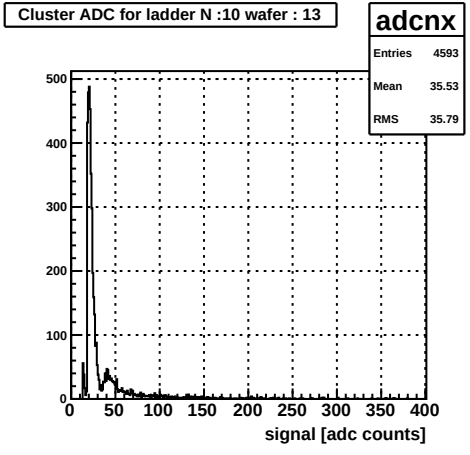

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2703
Mean 37.34
RMS 46.83
signal [adc counts]

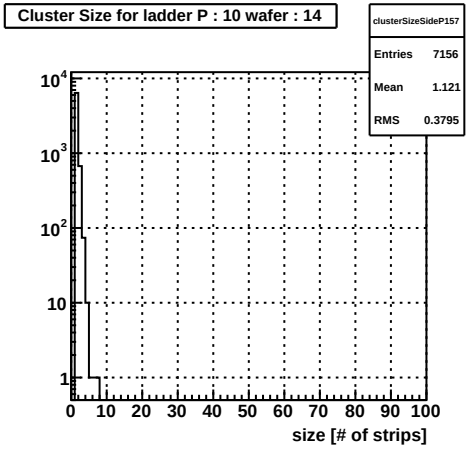

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

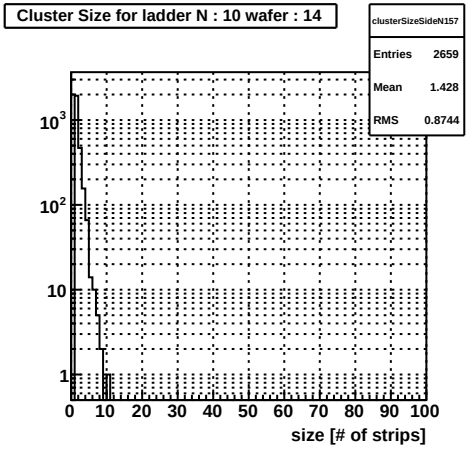

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4593
Mean 1.223
RMS 0.5494
size [# of strips]

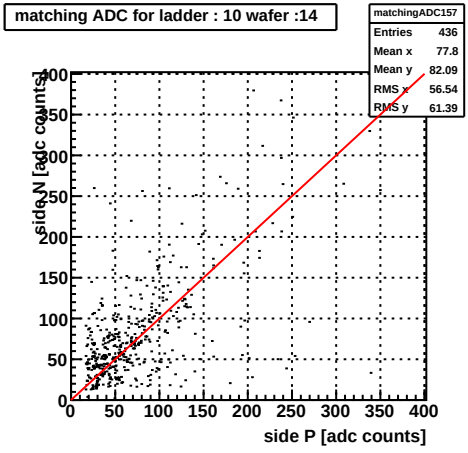

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

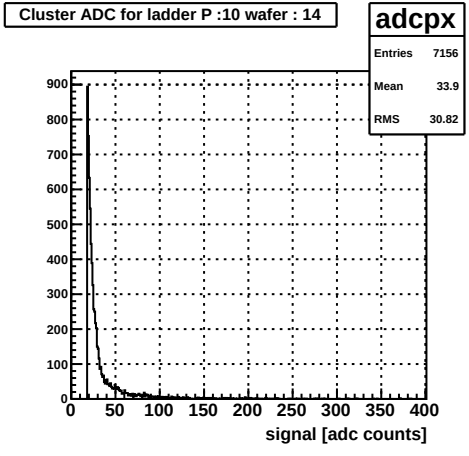

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

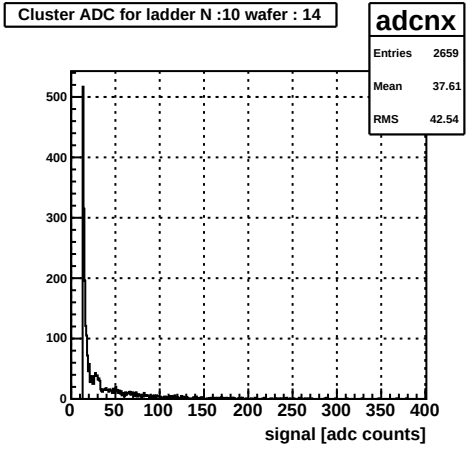

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4593
Mean 35.53
RMS 35.79
signal [adc counts]

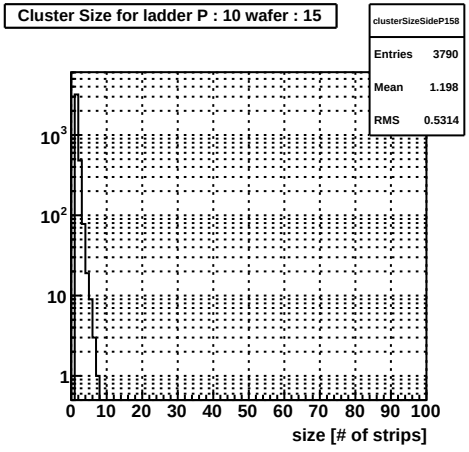

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 7156
Mean 1.121
RMS 0.3795
size [# of strips]

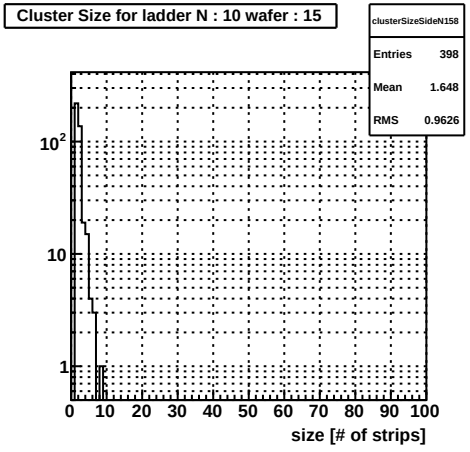

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2659
Mean 1.428
RMS 0.8744
size [# of strips]

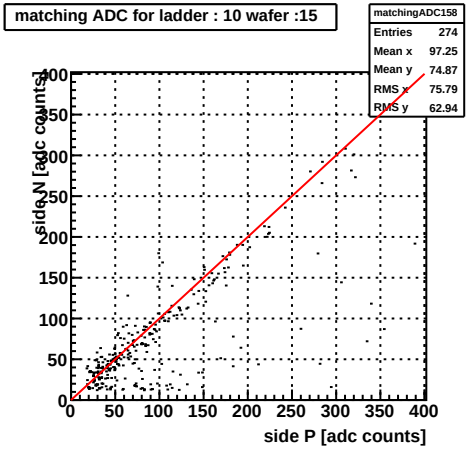

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 436
Mean x 77.8
Mean y 82.09
RMS x 56.54
RMS y 61.39
side N [adc counts]
side P [adc counts]

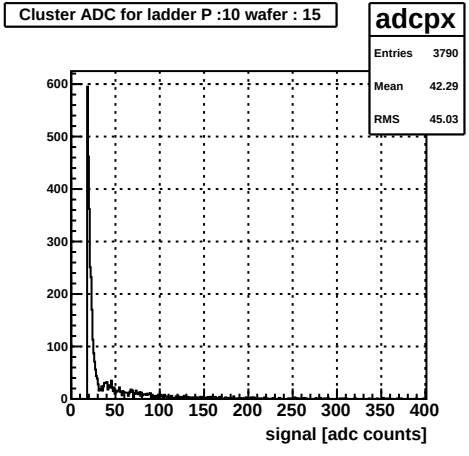

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 7156
Mean 33.9
RMS 30.82
signal [adc counts]

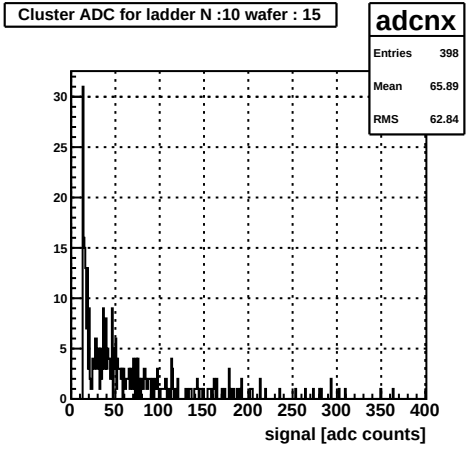

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2659
Mean 37.61
RMS 42.54
signal [adc counts]

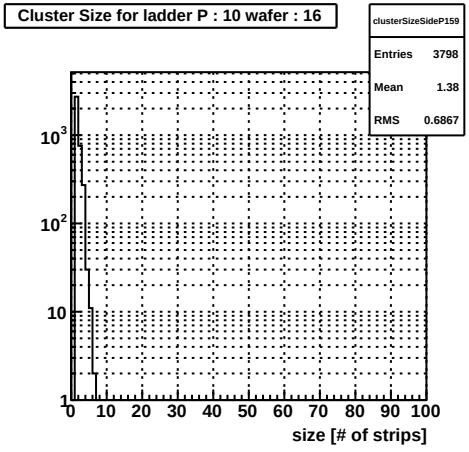

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3790
Mean 1.198
RMS 0.5314
size [# of strips]

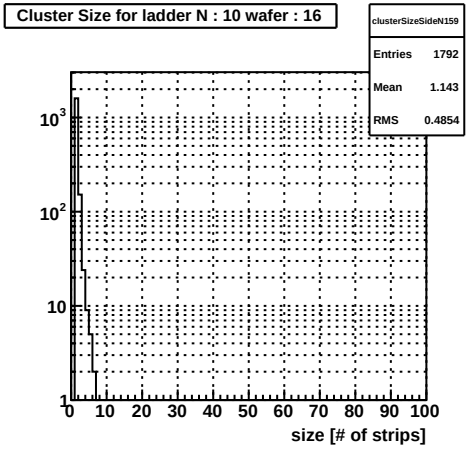

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 398
Mean 1.648
RMS 0.9626
size [# of strips]

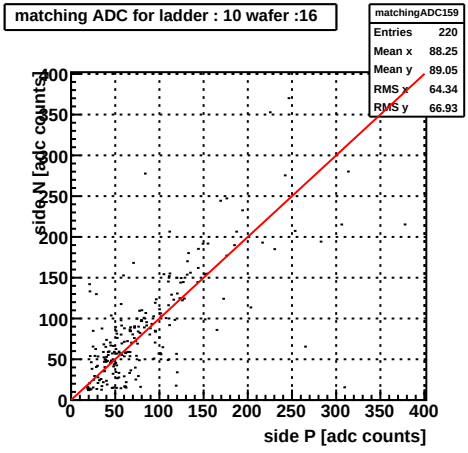

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 274
Mean x 97.25
Mean y 74.87
RMS x 75.79
RMS y 62.94
side N [adc counts]
side P [adc counts]

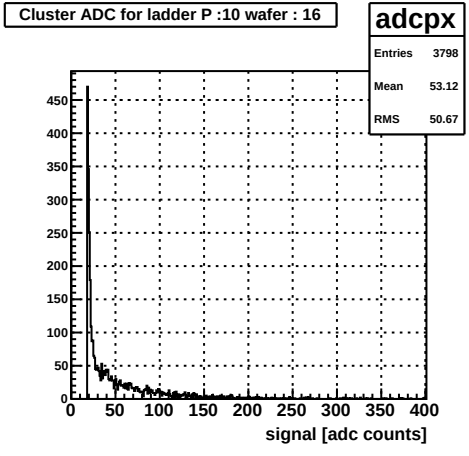

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3790
Mean 42.29
RMS 45.03
signal [adc counts]

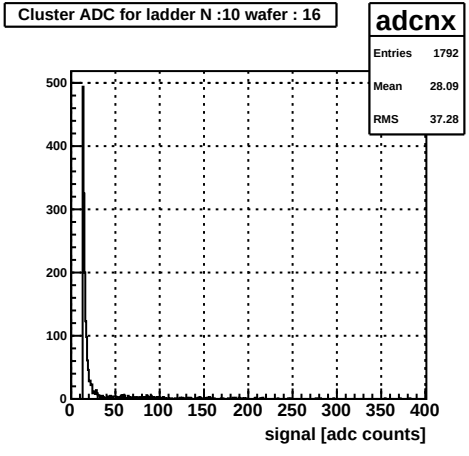

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 398
Mean 65.89
RMS 62.84
signal [adc counts]

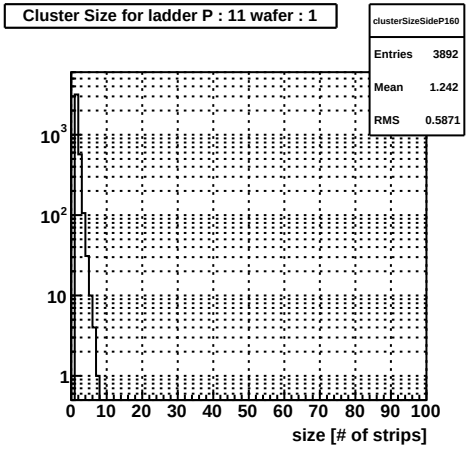

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3798
Mean 1.38
RMS 0.6867
size [# of strips]

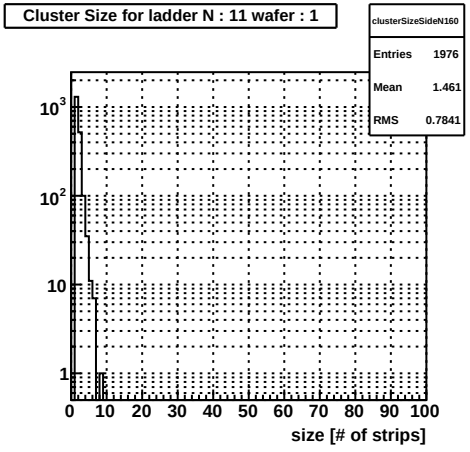

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1792
Mean 1.143
RMS 0.4854
size [# of strips]

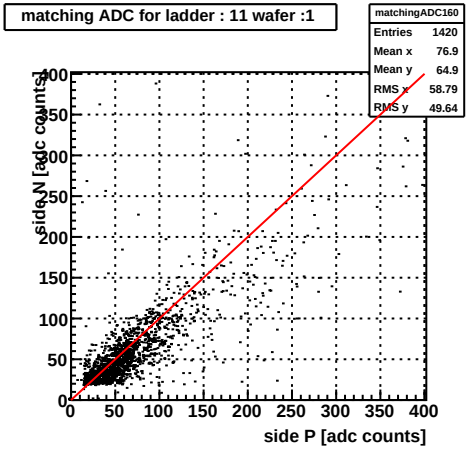

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 220
Mean x 88.25
Mean y 89.05
RMS x 64.34
RMS y 66.93
side N [adc counts]
side P [adc counts]

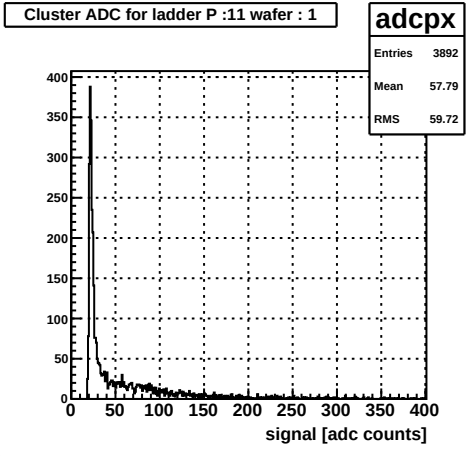

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3798
Mean 53.12
RMS 50.67
signal [adc counts]

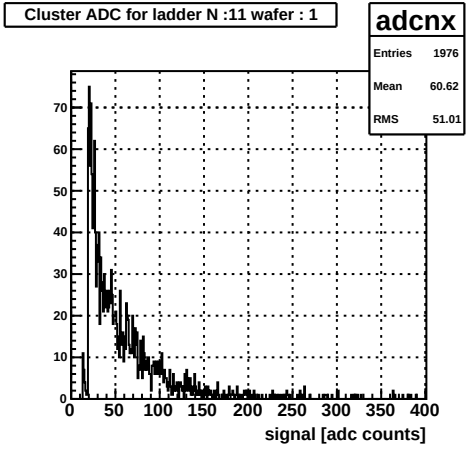

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1792
Mean 28.09
RMS 37.28
signal [adc counts]

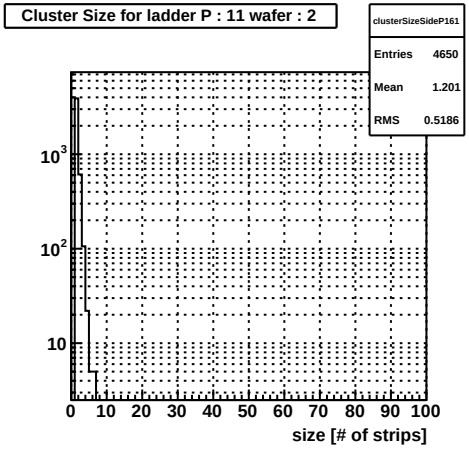

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3892
Mean 1.242
RMS 0.5871
size [# of strips]

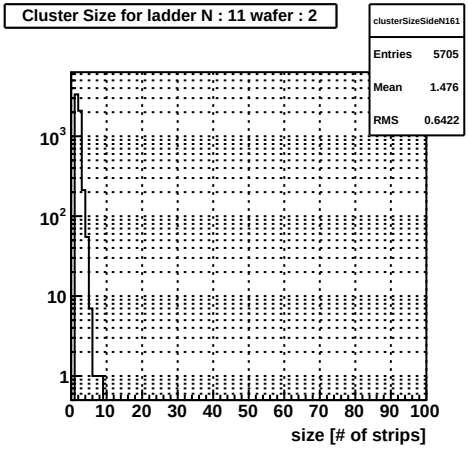

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1976
Mean 1.461
RMS 0.7841
size [# of strips]

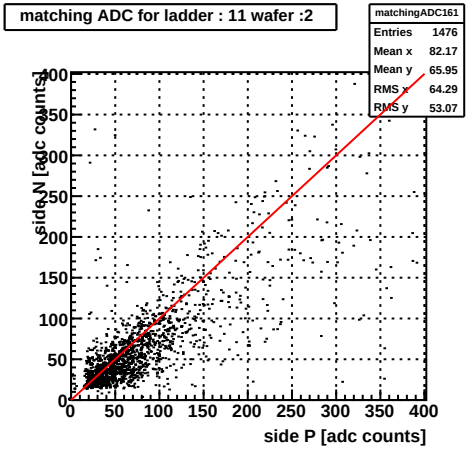

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1420
Mean x 76.9
Mean y 64.9
RMS x 58.79
RMS y 49.64
side N [adc counts]
side P [adc counts]

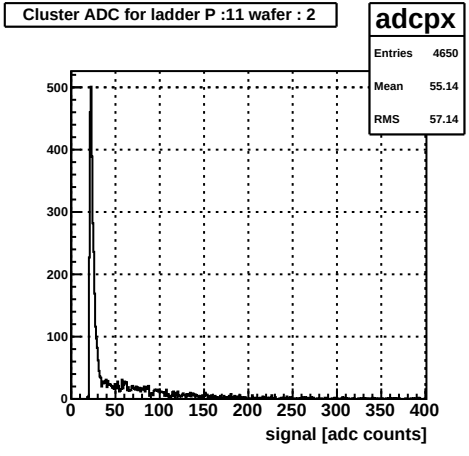

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3892
Mean 57.79
RMS 59.72
signal [adc counts]

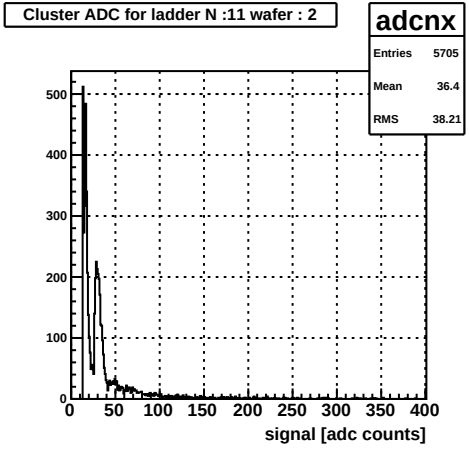

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1976
Mean 60.62
RMS 51.01
signal [adc counts]

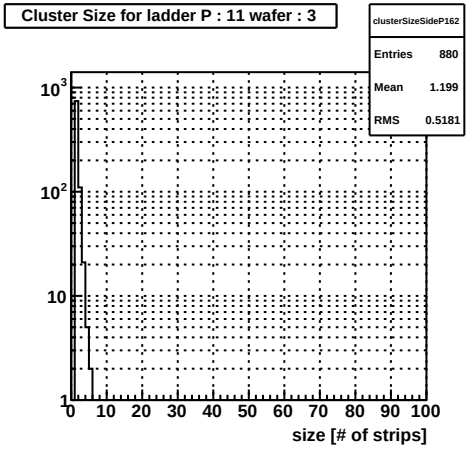

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4650
Mean 1.201
RMS 0.5186
size [# of strips]

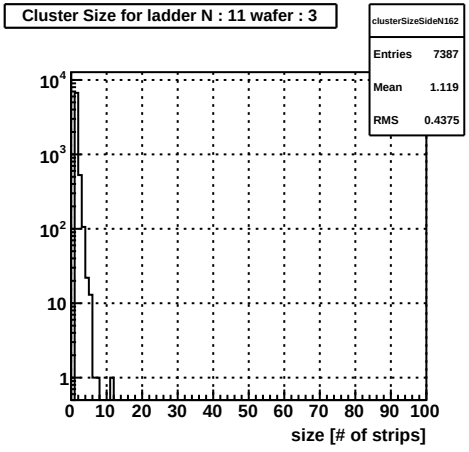

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5705
Mean 1.476
RMS 0.6422
size [# of strips]

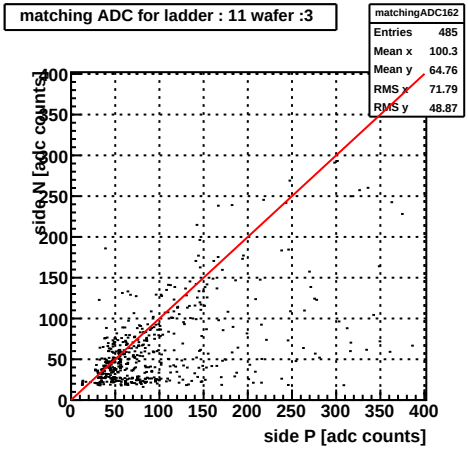

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1476
Mean x 82.17
Mean y 65.95
RMS x 64.29
RMS y 53.07
side N [adc counts]
side P [adc counts]

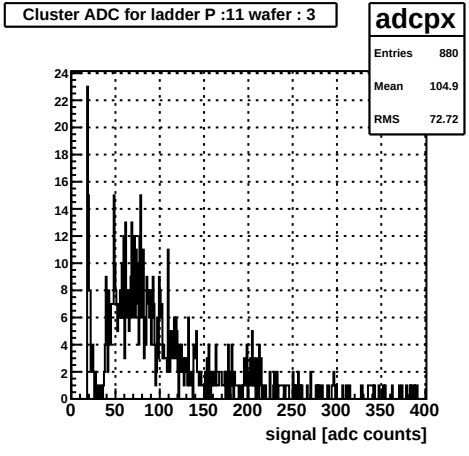

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4650
Mean 55.14
RMS 57.14
signal [adc counts]

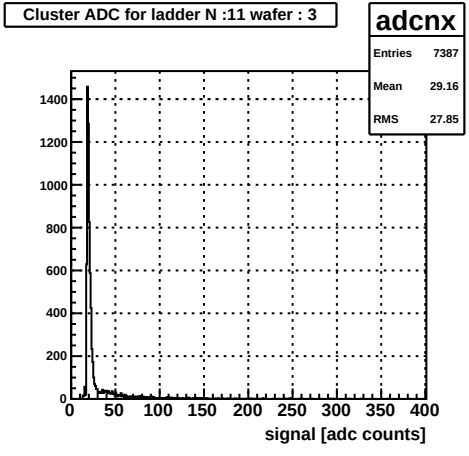

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5705
Mean 36.4
RMS 38.21
signal [adc counts]

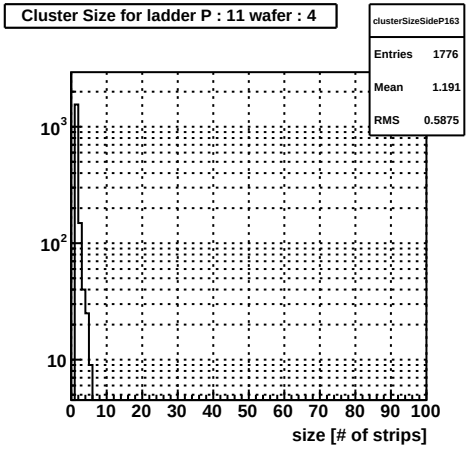

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 880
Mean 1.199
RMS 0.5181
size [# of strips]

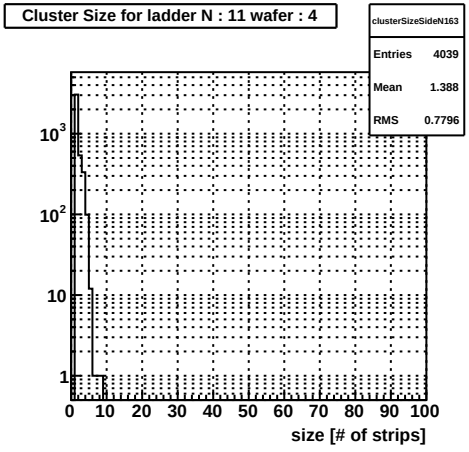

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 7387
Mean 1.119
RMS 0.4375
size [# of strips]

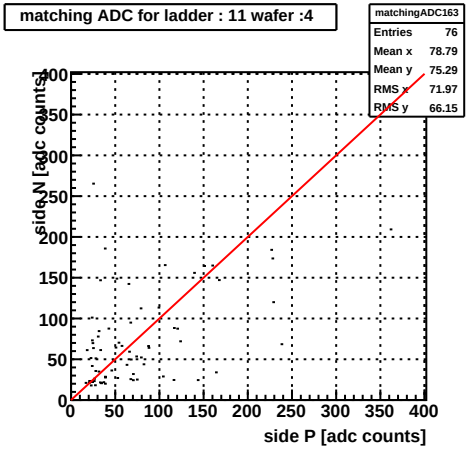

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 485
Mean x 100.3
Mean y 64.76
RMS x 71.79
RMS y 48.87
side N [adc counts]
side P [adc counts]

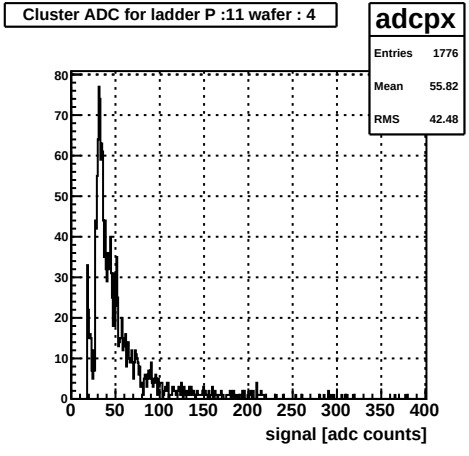

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 880
Mean 104.9
RMS 72.72
signal [adc counts]

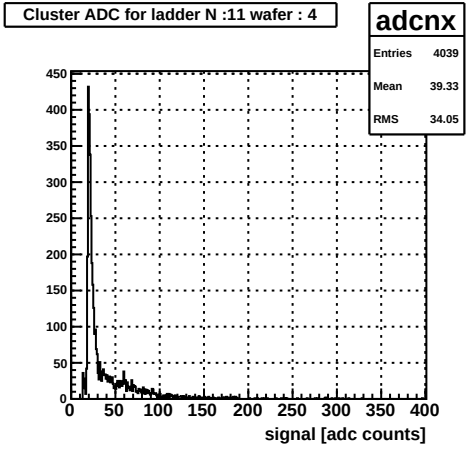

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 7387
Mean 29.16
RMS 27.85
signal [adc counts]

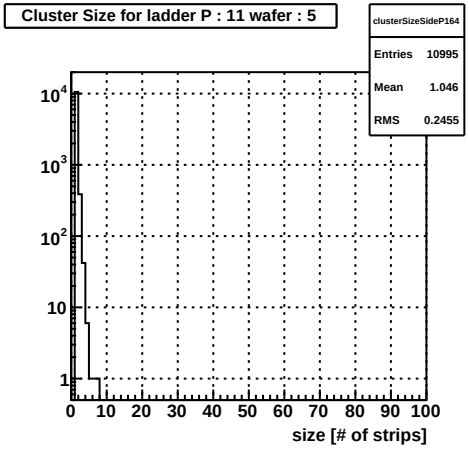

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1776
Mean 1.191
RMS 0.5875
size [# of strips]

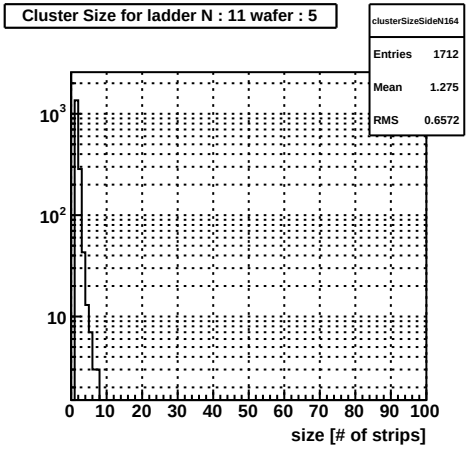

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4039
Mean 1.388
RMS 0.7796
size [# of strips]

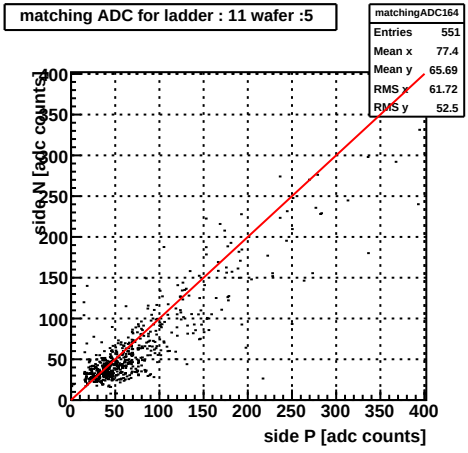

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 76
Mean x 78.79
Mean y 75.29
RMS x 71.97
RMS y 66.15
side N [adc counts]
side P [adc counts]

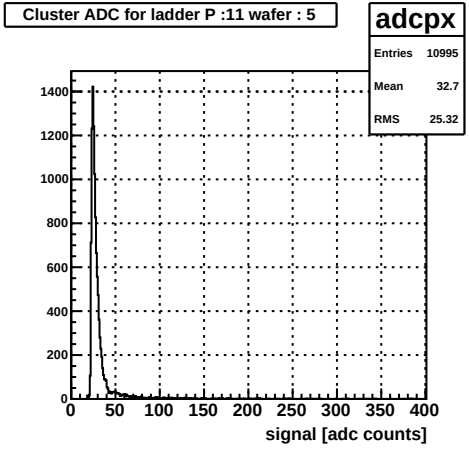

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1776
Mean 55.82
RMS 42.48
signal [adc counts]

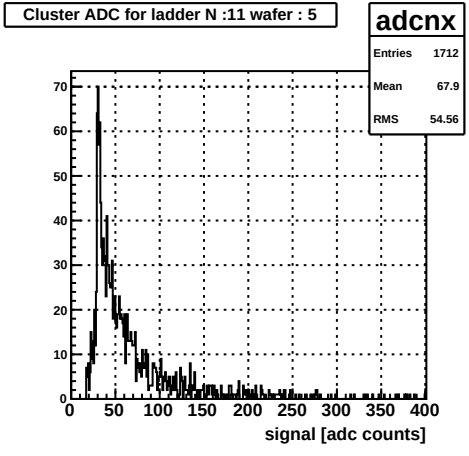

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4039
Mean 39.33
RMS 34.05
signal [adc counts]

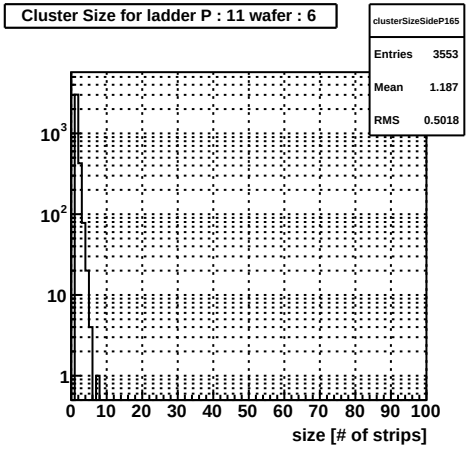

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 10995
Mean 1.046
RMS 0.2455
size [# of strips]

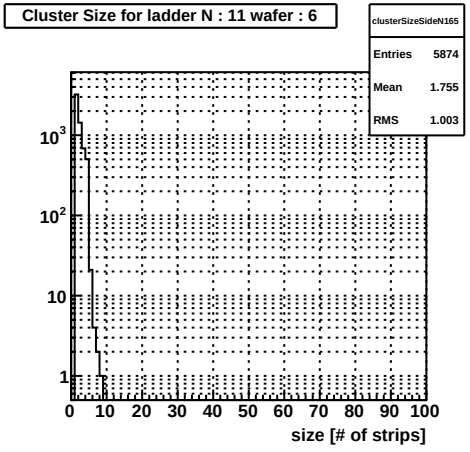

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1712
Mean 1.275
RMS 0.6572
size [# of strips]

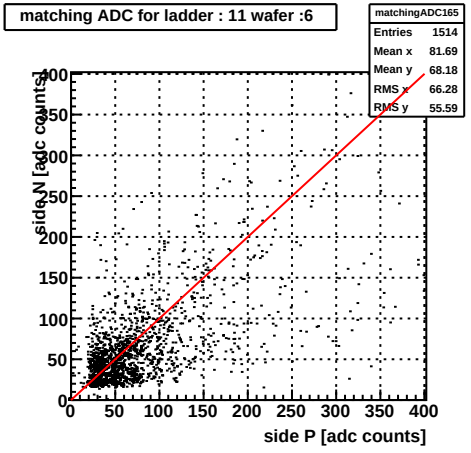

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 551
Mean x 77.4
Mean y 65.69
RMS x 61.72
RMS y 52.5
side N [adc counts]
side P [adc counts]

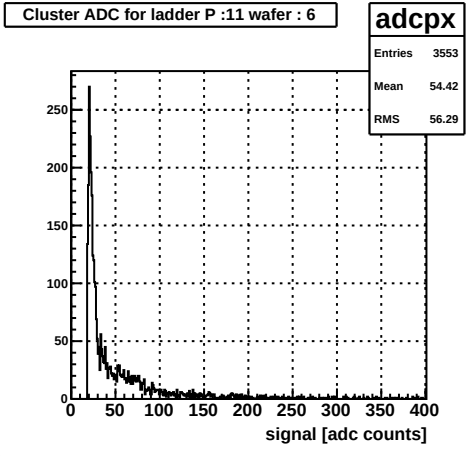

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 10995
Mean 32.7
RMS 25.32
signal [adc counts]

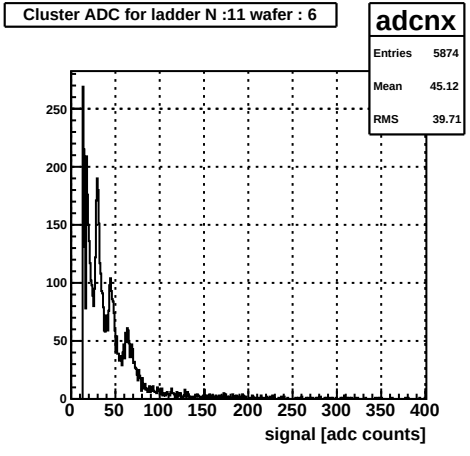

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1712
Mean 67.9
RMS 54.56
signal [adc counts]

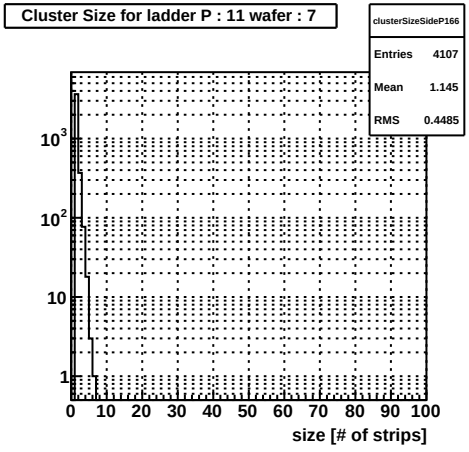

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3553
Mean 1.187
RMS 0.5018
size [# of strips]

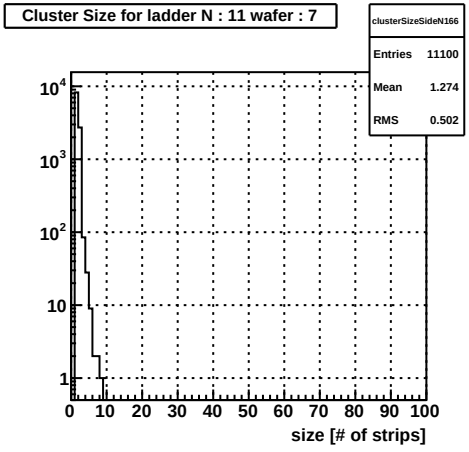

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5874
Mean 1.755
RMS 1.003
size [# of strips]

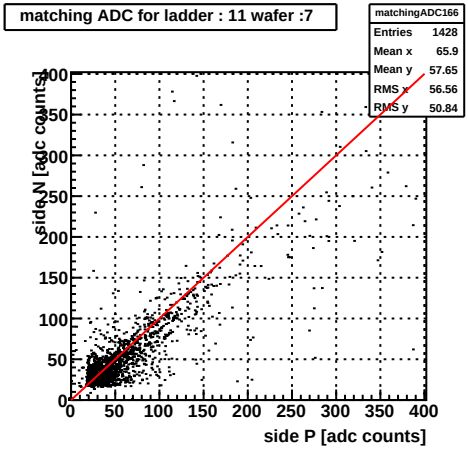

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1514
Mean x 81.69
Mean y 68.18
RMS x 66.28
RMS y 55.59
side N [adc counts]
side P [adc counts]

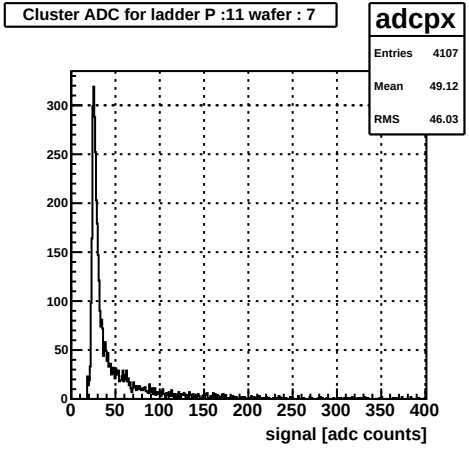

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3553
Mean 54.42
RMS 56.29
signal [adc counts]

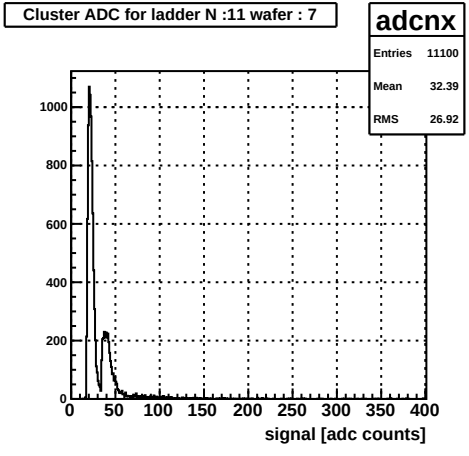

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5874
Mean 45.12
RMS 39.71
signal [adc counts]

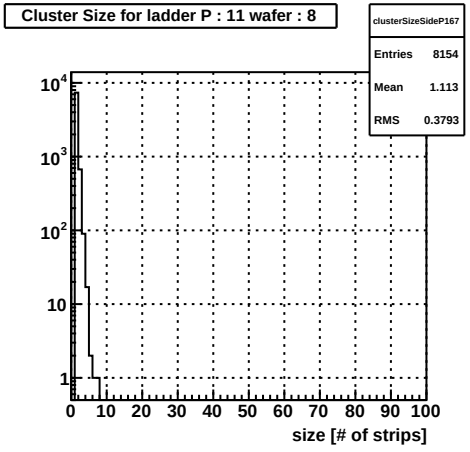

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4107
Mean 1.145
RMS 0.4485
size [# of strips]

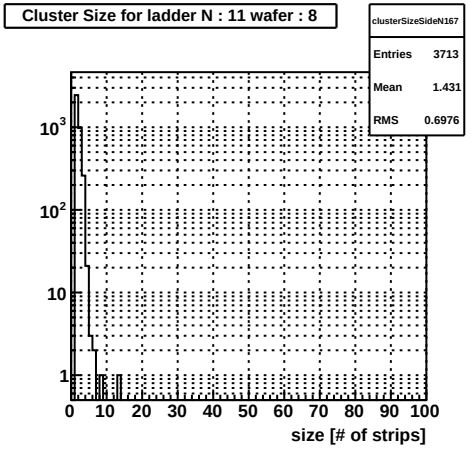

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11100
Mean 1.274
RMS 0.502
size [# of strips]

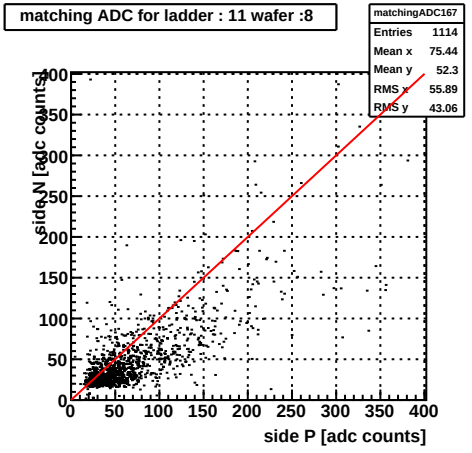

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1428
Mean x 65.9
Mean y 57.65
RMS x 56.56
RMS y 50.84
side N [adc counts]
side P [adc counts]

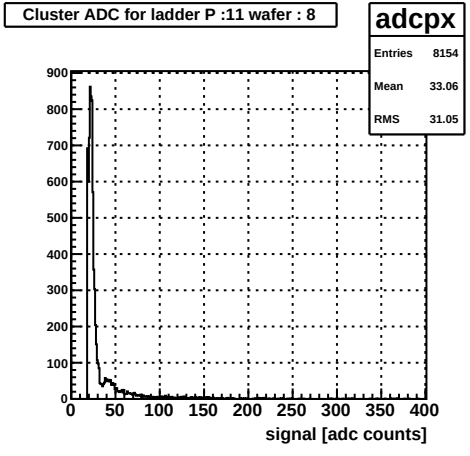

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4107
Mean 49.12
RMS 46.03
signal [adc counts]

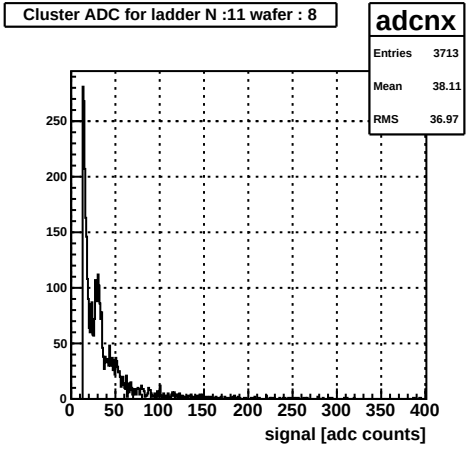

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11100
Mean 32.39
RMS 26.92
signal [adc counts]

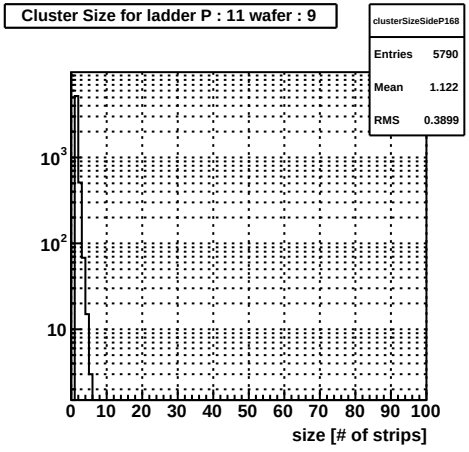

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8154
Mean 1.113
RMS 0.3793
size [# of strips]

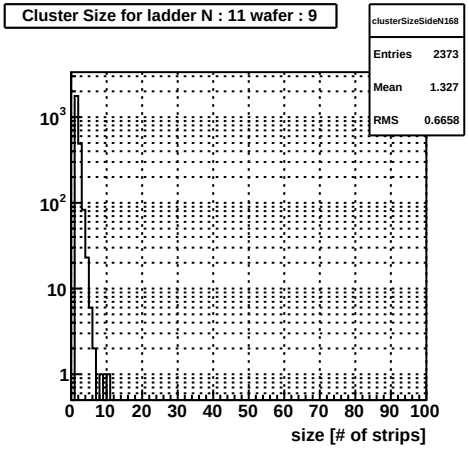

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3713
Mean 1.431
RMS 0.6976
size [# of strips]

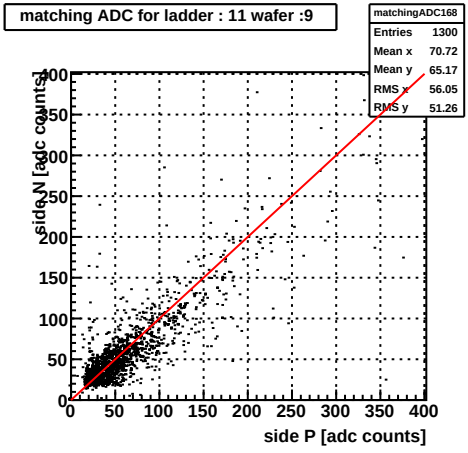

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1114
Mean x 75.44
Mean y 52.3
RMS x 55.89
RMS y 43.06
side N [adc counts]
side P [adc counts]

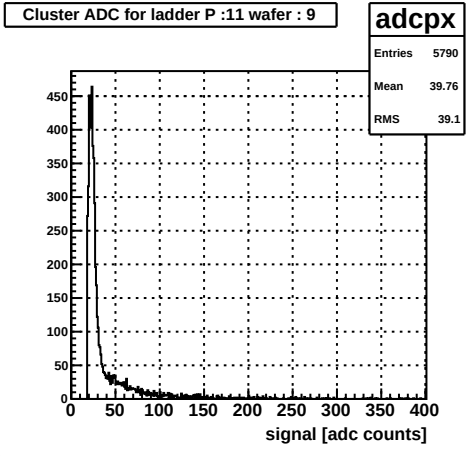

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8154
Mean 33.06
RMS 31.05
signal [adc counts]

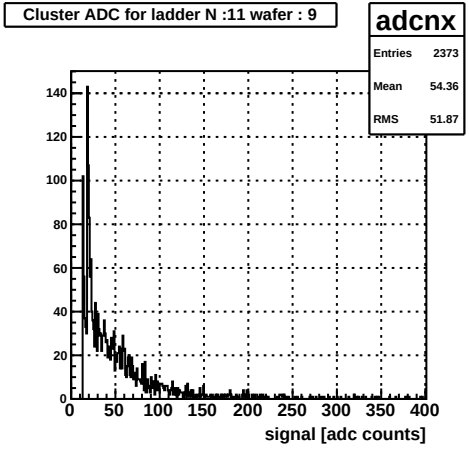

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3713
Mean 38.11
RMS 36.97
signal [adc counts]

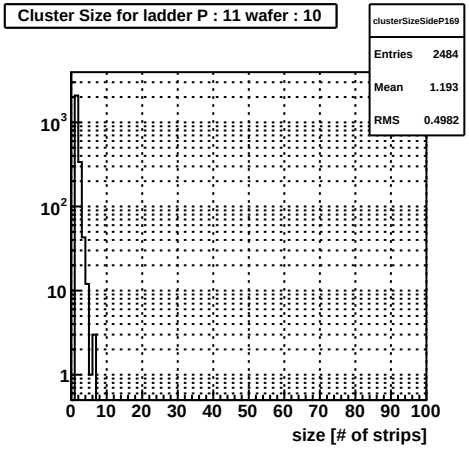

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5790
Mean 1.122
RMS 0.3899
size [# of strips]

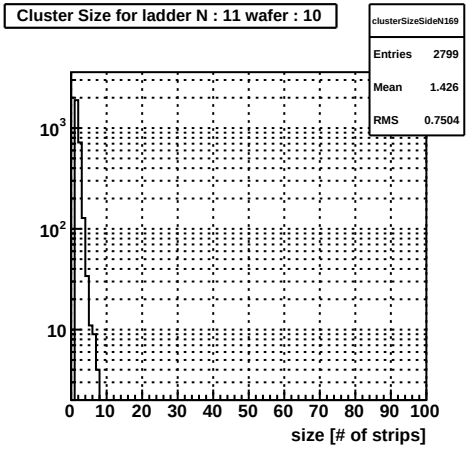

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2373
Mean 1.327
RMS 0.6658
size [# of strips]

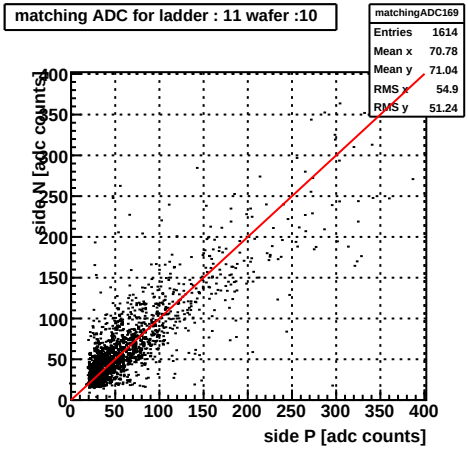

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1300
Mean x 70.72
Mean y 65.17
RMS x 56.05
RMS y 51.26
side N [adc counts]
side P [adc counts]

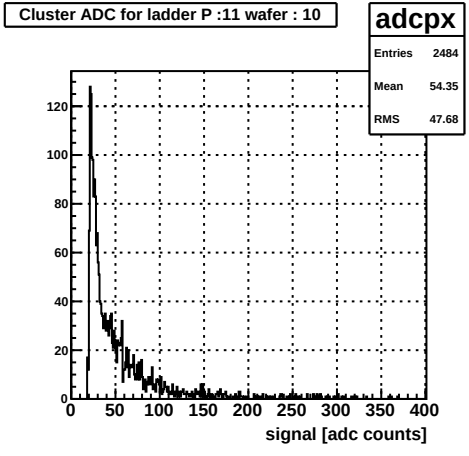

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5790
Mean 39.76
RMS 39.1
signal [adc counts]

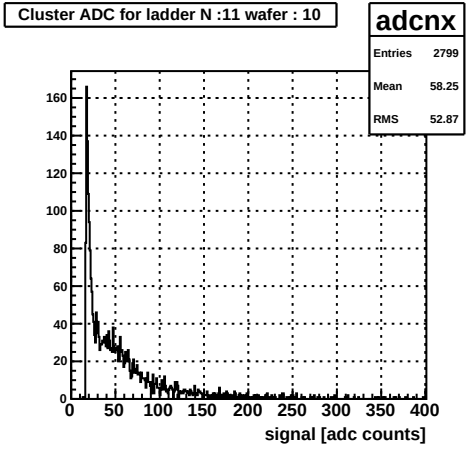

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2373
Mean 54.36
RMS 51.87
signal [adc counts]

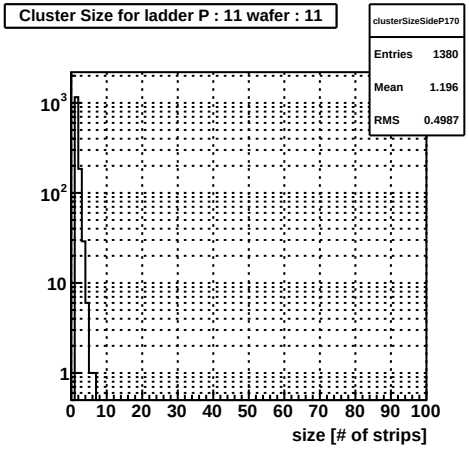

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2484
Mean 1.193
RMS 0.4982
size [# of strips]

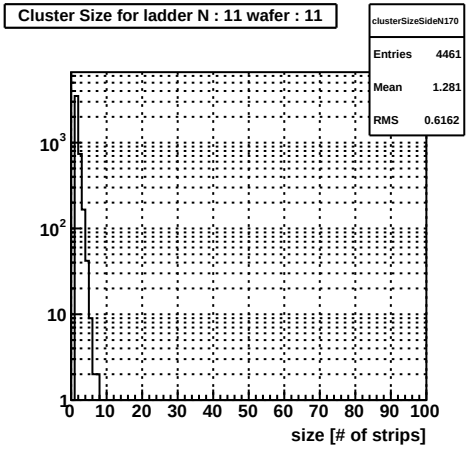

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2799
Mean 1.426
RMS 0.7504
size [# of strips]

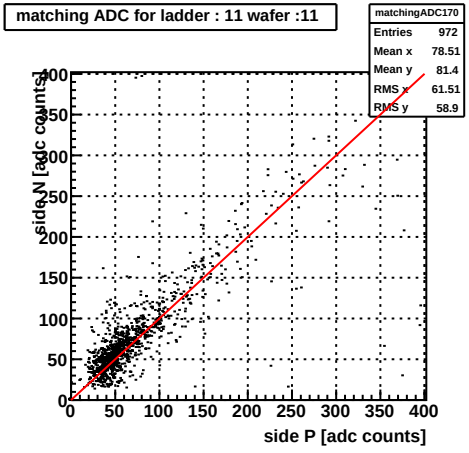

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1614
Mean x 70.78
Mean y 71.04
RMS x 54.9
RMS y 51.24
side N [adc counts]
side P [adc counts]

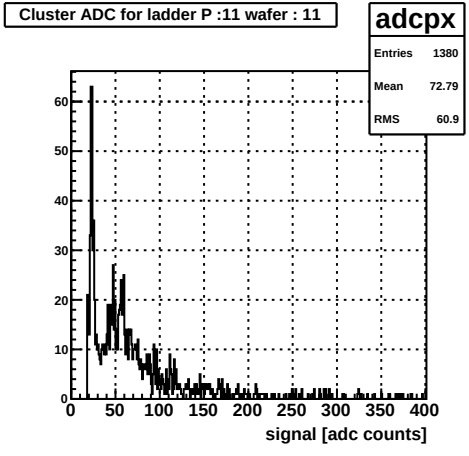

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2484
Mean 54.35
RMS 47.68
signal [adc counts]

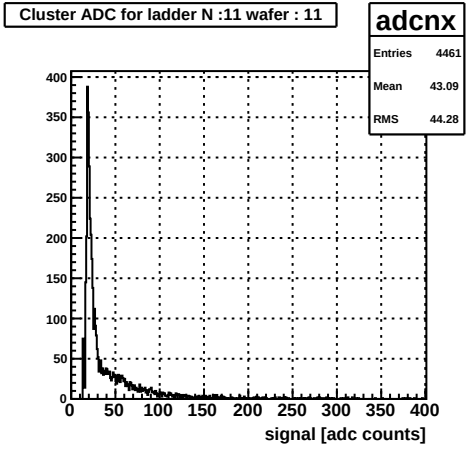

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2799
Mean 58.25
RMS 52.87
signal [adc counts]

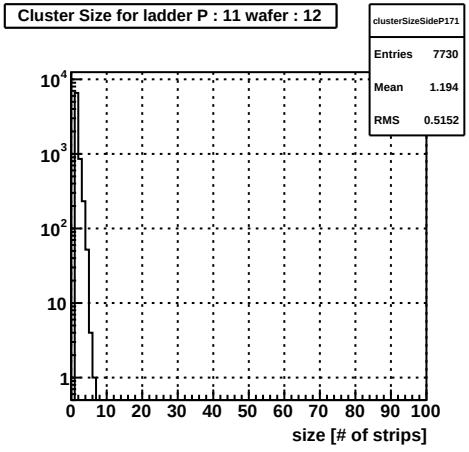

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1380
Mean 1.196
RMS 0.4987
size [# of strips]

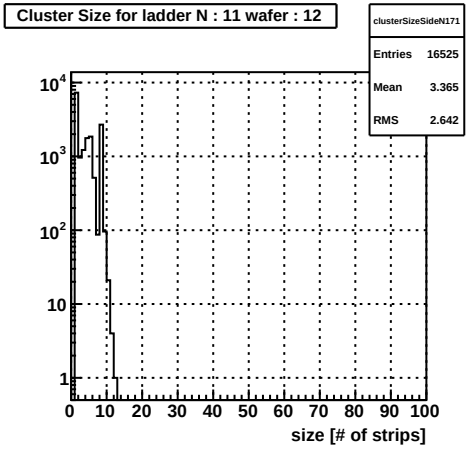

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4461
Mean 1.281
RMS 0.6162
size [# of strips]

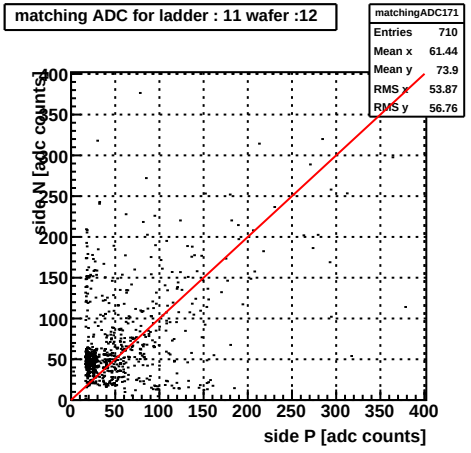

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 972
Mean x 78.51
Mean y 81.4
RMS x 61.51
RMS y 58.9
side N [adc counts]
side P [adc counts]

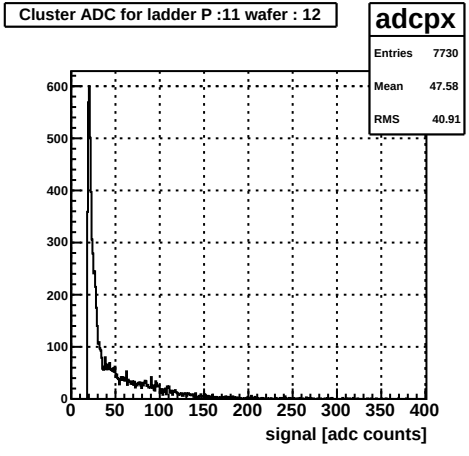

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1380
Mean 72.79
RMS 60.9
signal [adc counts]

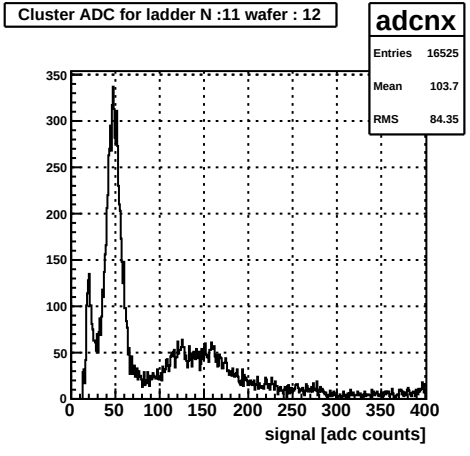

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4461
Mean 43.09
RMS 44.28
signal [adc counts]

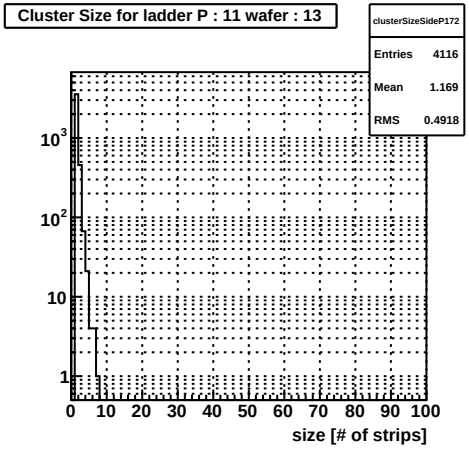

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7730
Mean 1.194
RMS 0.5152
size [# of strips]

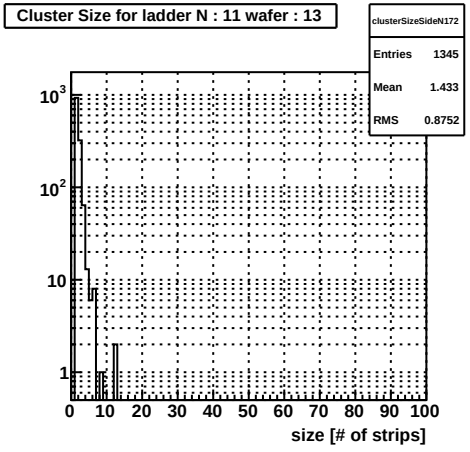

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 16525
Mean 3.365
RMS 2.642
size [# of strips]

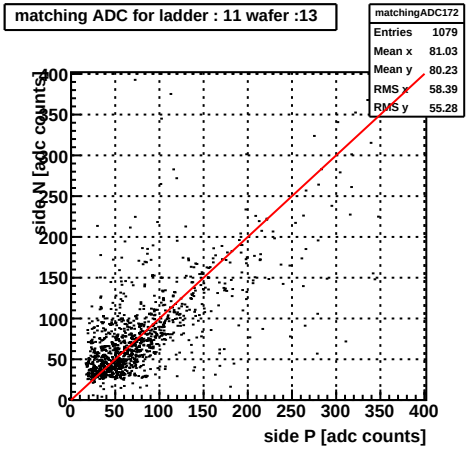

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 710
Mean x 61.44
Mean y 73.9
RMS x 53.87
RMS y 56.76
side N [adc counts]
side P [adc counts]

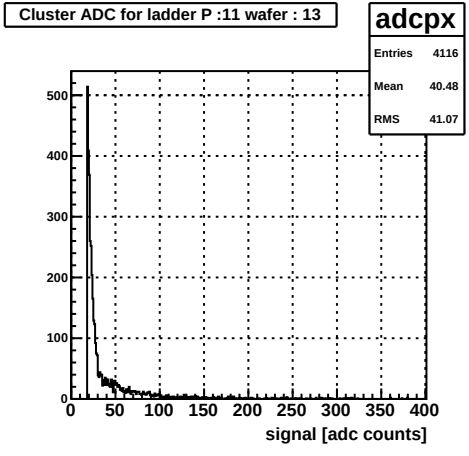

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7730
Mean 47.58
RMS 40.91
signal [adc counts]

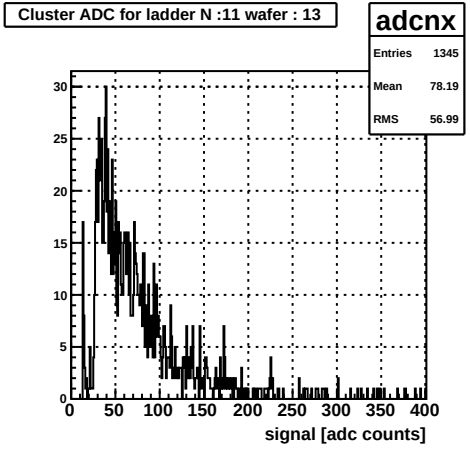

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 16525
Mean 103.7
RMS 84.35
signal [adc counts]

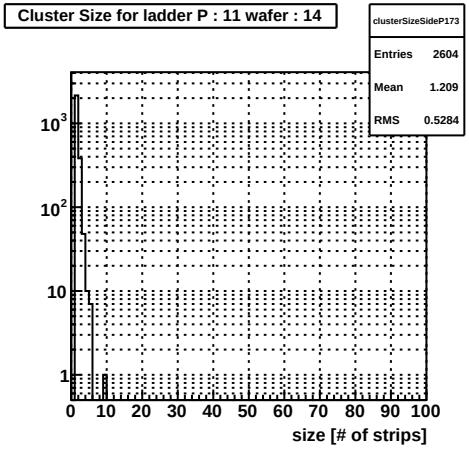

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4116
Mean 1.169
RMS 0.4918
size [# of strips]

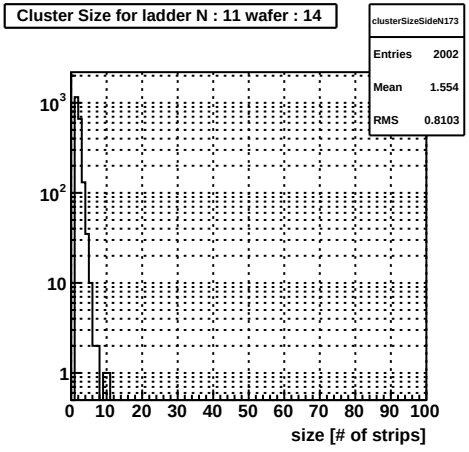

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1345
Mean 1.433
RMS 0.8752
size [# of strips]

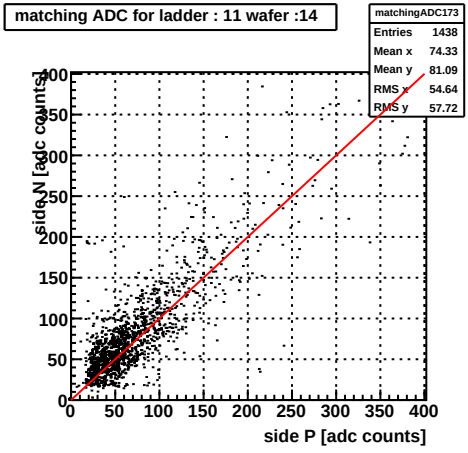

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1079
Mean x 81.03
Mean y 80.23
RMS x 58.39
RMS y 55.28
side N [adc counts]
side P [adc counts]

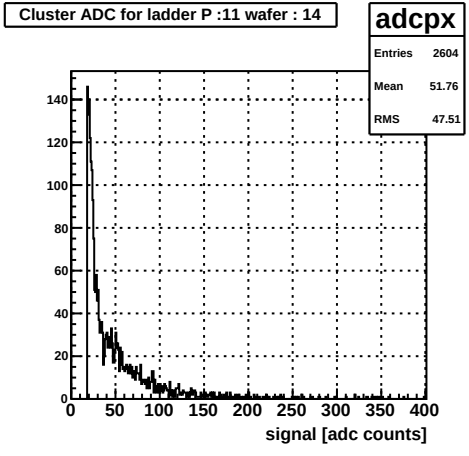

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4116
Mean 40.48
RMS 41.07
signal [adc counts]

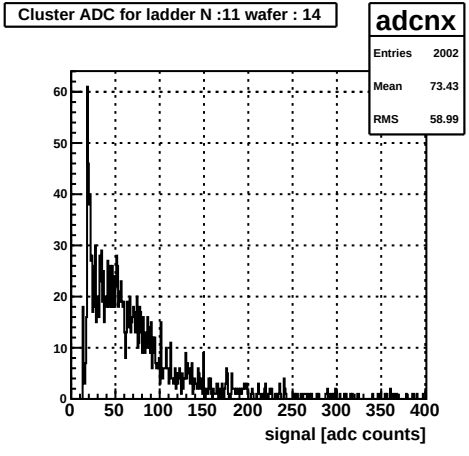

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1345
Mean 78.19
RMS 56.99
signal [adc counts]

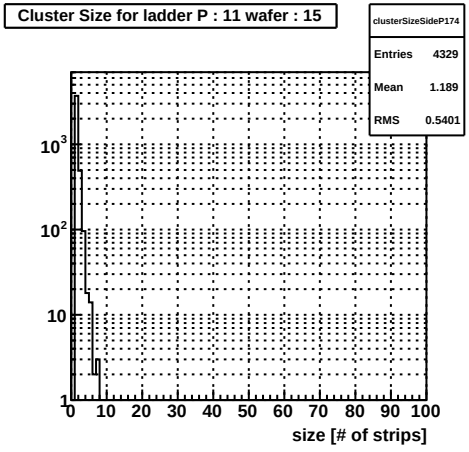

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2604
Mean 1.209
RMS 0.5284
size [# of strips]

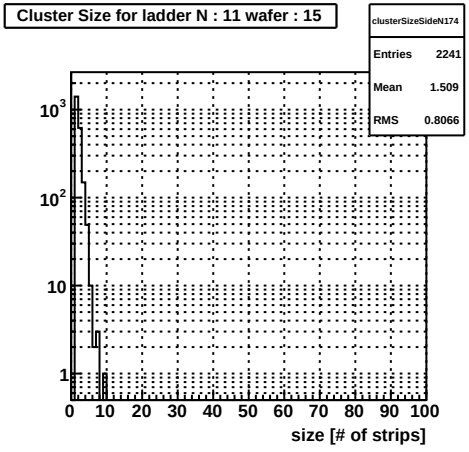

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2002
Mean 1.554
RMS 0.8103
size [# of strips]

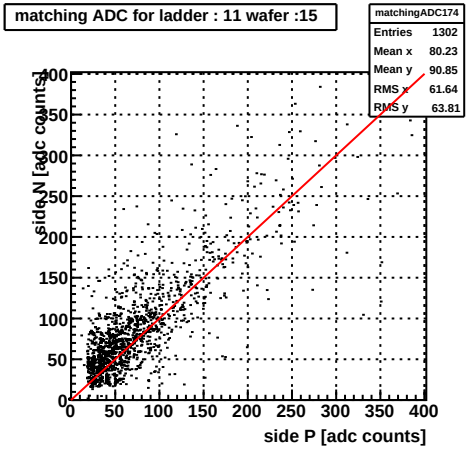

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1438
Mean x 74.33
Mean y 81.09
RMS x 54.64
RMS y 57.72
side N [adc counts]
side P [adc counts]

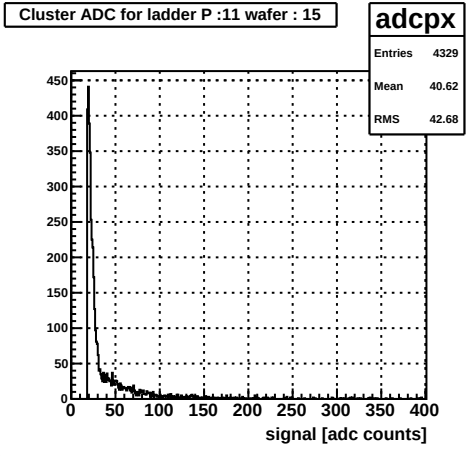

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2604
Mean 51.76
RMS 47.51
signal [adc counts]

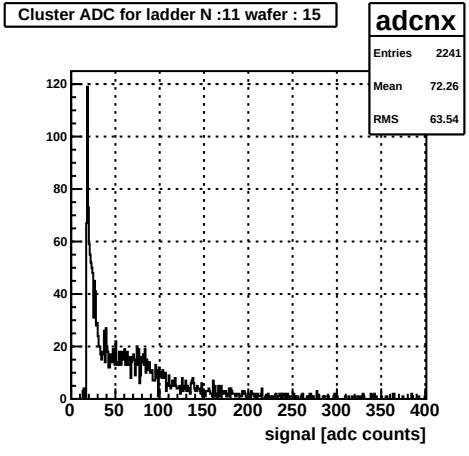

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2002
Mean 73.43
RMS 58.99
signal [adc counts]

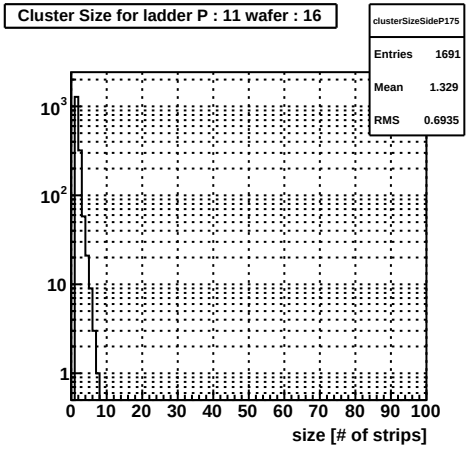

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4329
Mean 1.189
RMS 0.5401
size [# of strips]

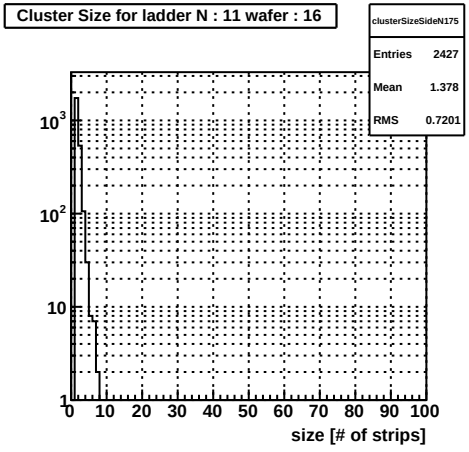

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2241
Mean 1.509
RMS 0.8066
size [# of strips]

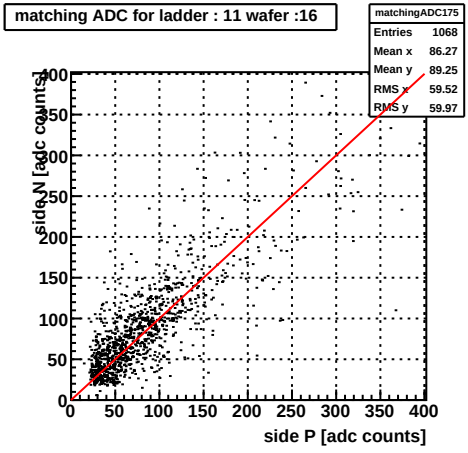

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1302
Mean x 80.23
Mean y 90.85
RMS x 61.64
RMS y 63.81
side N [adc counts]
side P [adc counts]

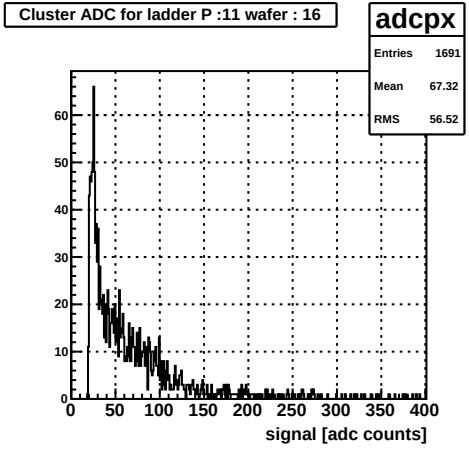

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4329
Mean 40.62
RMS 42.68
signal [adc counts]

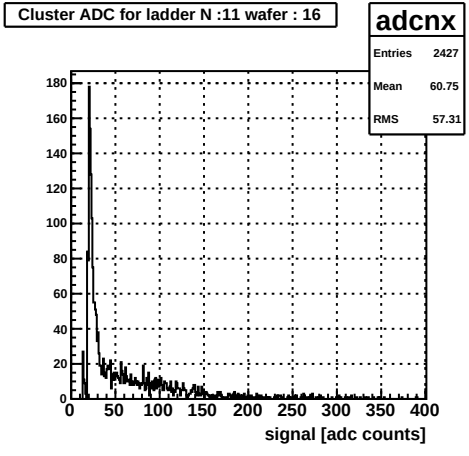

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2241
Mean 72.26
RMS 63.54
signal [adc counts]

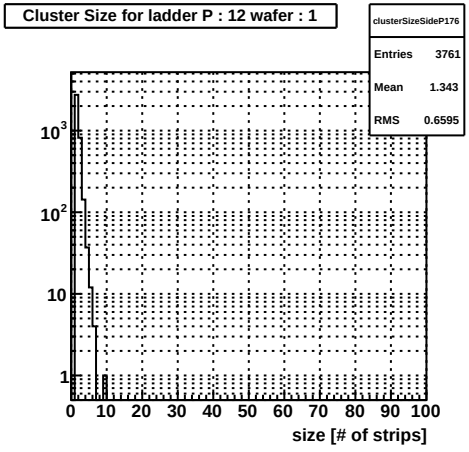

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1691
Mean 1.329
RMS 0.6935
size [# of strips]

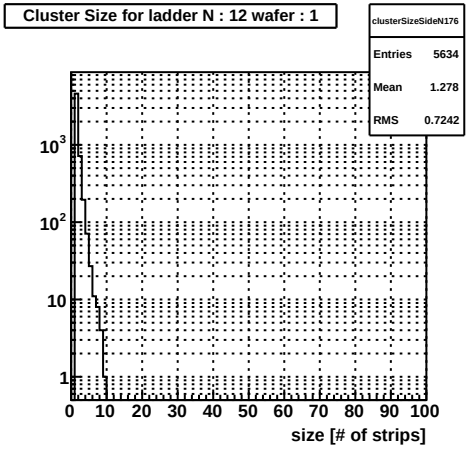

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2427
Mean 1.378
RMS 0.7201
size [# of strips]

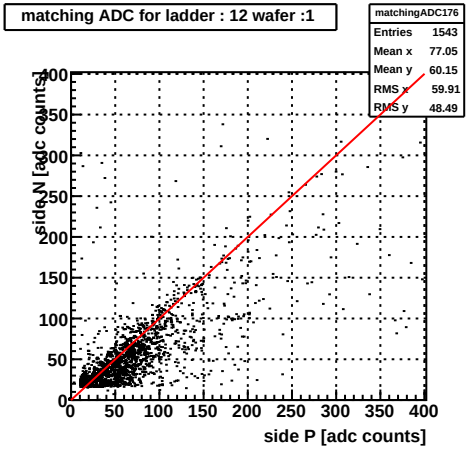

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1068
Mean x 86.27
Mean y 89.25
RMS x 59.52
RMS y 59.97
side N [adc counts]
side P [adc counts]

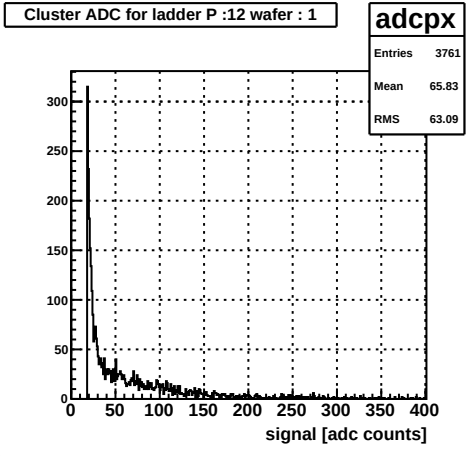

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1691
Mean 67.32
RMS 56.52
signal [adc counts]

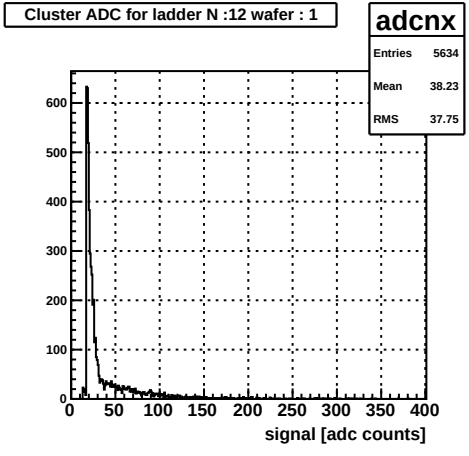

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2427
Mean 60.75
RMS 57.31
signal [adc counts]

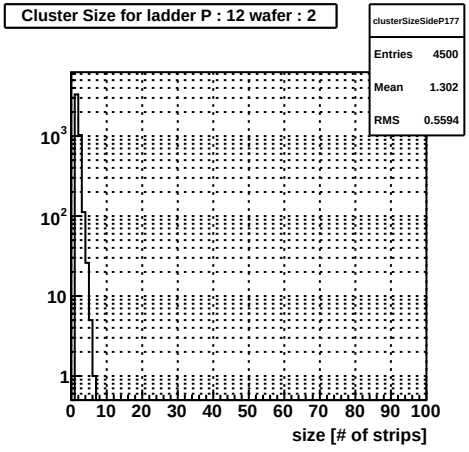

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3761
Mean 1.343
RMS 0.6595
size [# of strips]

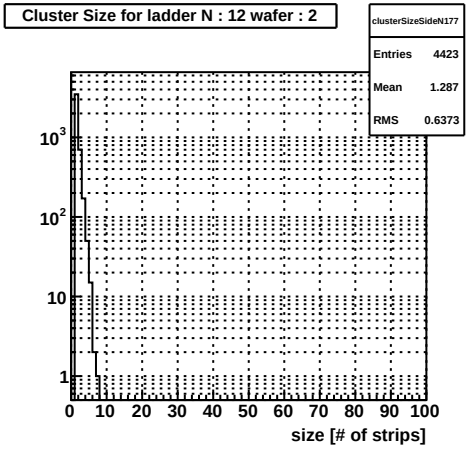

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5634
Mean 1.278
RMS 0.7242
size [# of strips]

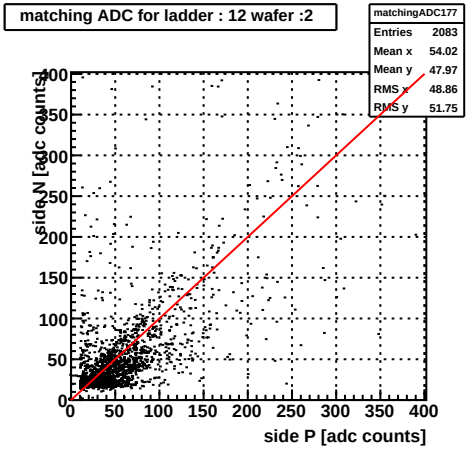

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1543
Mean x 77.05
Mean y 60.15
RMS x 59.91
RMS y 48.49
side N [adc counts]
side P [adc counts]

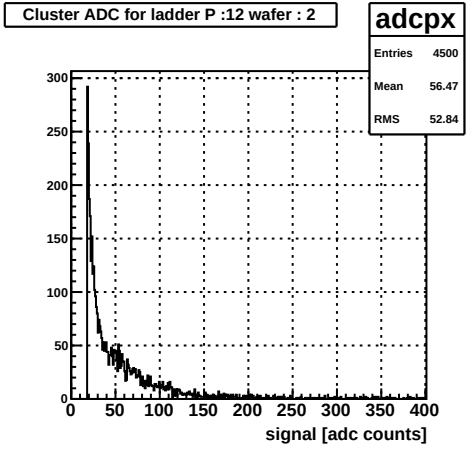

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3761
Mean 65.83
RMS 63.09
signal [adc counts]

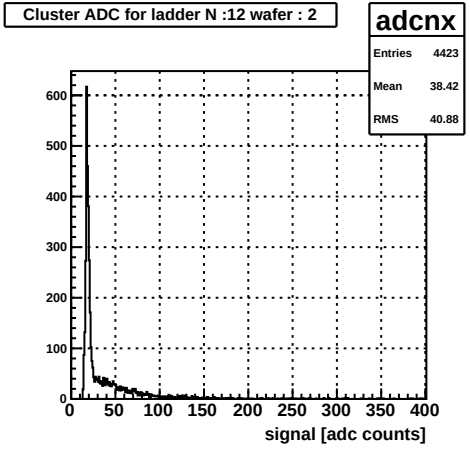

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5634
Mean 38.23
RMS 37.75
signal [adc counts]

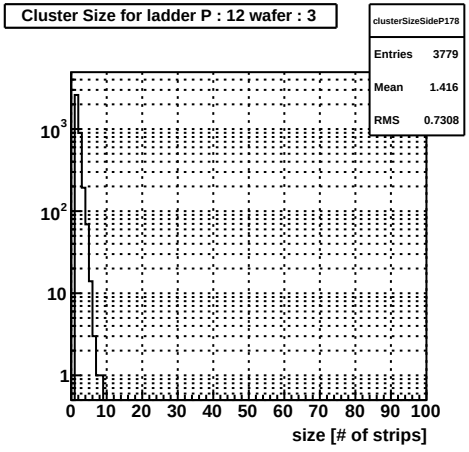

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4500
Mean 1.302
RMS 0.5594
size [# of strips]

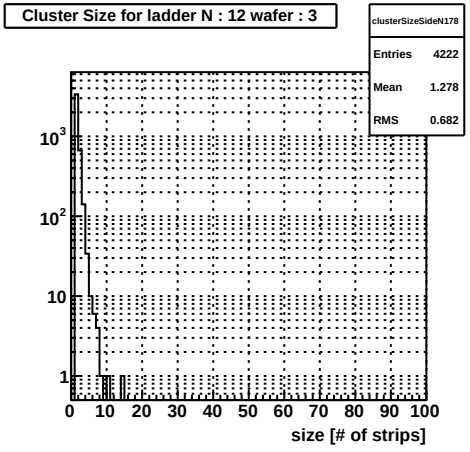

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4423
Mean 1.287
RMS 0.6373
size [# of strips]

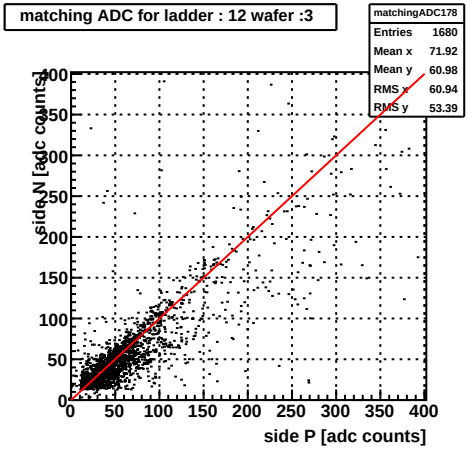

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2083
Mean x 54.02
Mean y 47.97
RMS x 48.86
RMS y 51.75
side N [adc counts]
side P [adc counts]

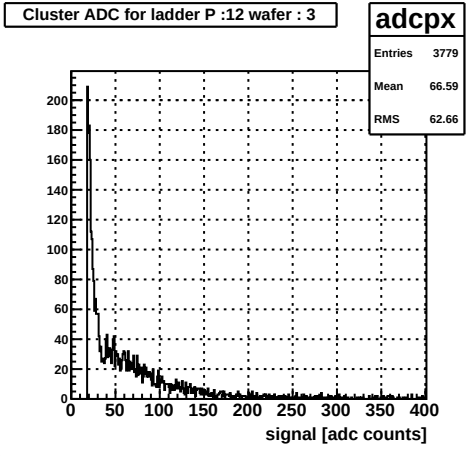

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4500
Mean 56.47
RMS 52.84
signal [adc counts]

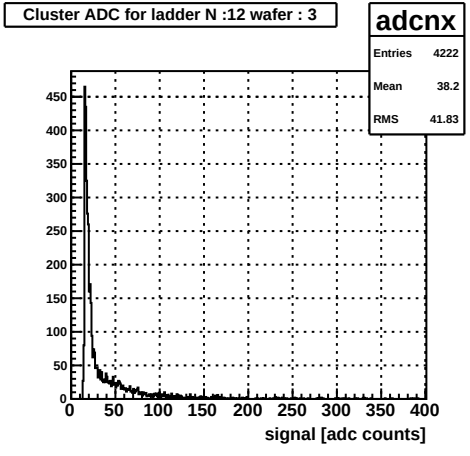

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4423
Mean 38.42
RMS 40.88
signal [adc counts]

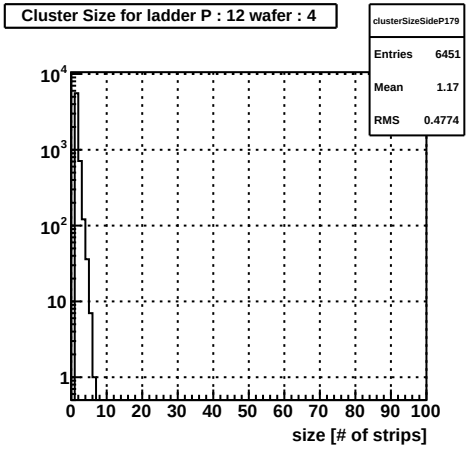

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3779
Mean 1.416
RMS 0.7308
size [# of strips]

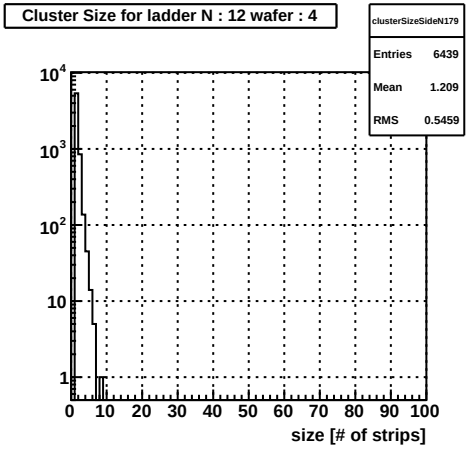

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4222
Mean 1.278
RMS 0.682
size [# of strips]

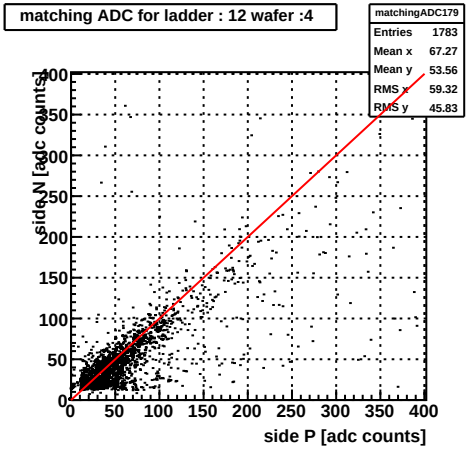

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1680
Mean x 71.92
Mean y 60.98
RMS x 60.94
RMS y 53.39
side N [adc counts]
side P [adc counts]

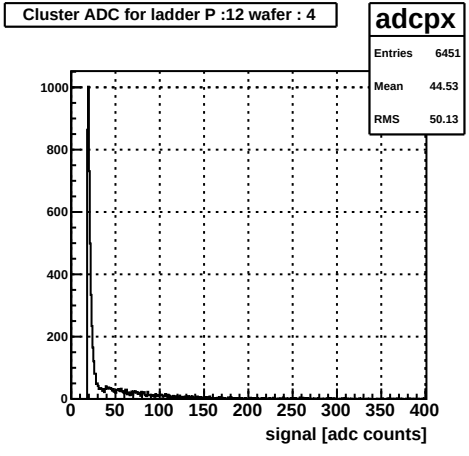

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3779
Mean 66.59
RMS 62.66
signal [adc counts]

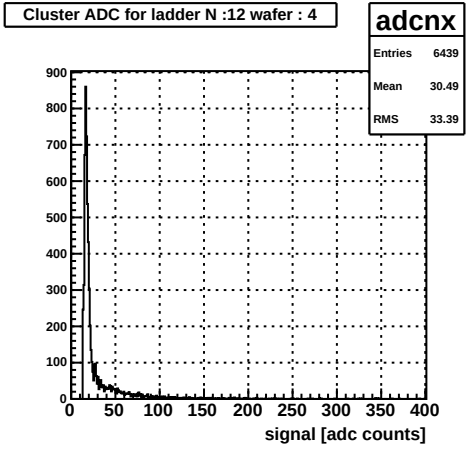

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4222
Mean 38.2
RMS 41.83
signal [adc counts]

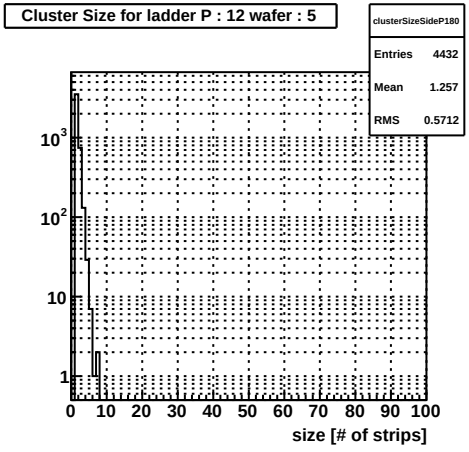

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6451
Mean 1.17
RMS 0.4774
size [# of strips]

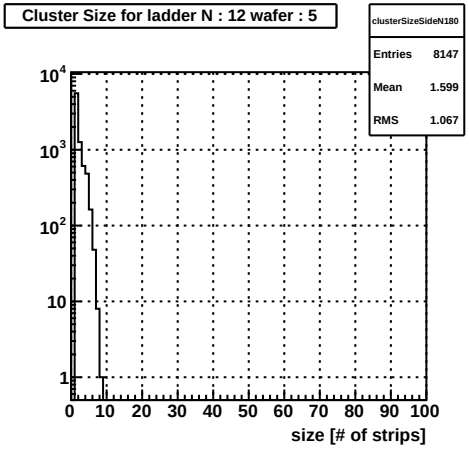

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 6439
Mean 1.209
RMS 0.5459
size [# of strips]

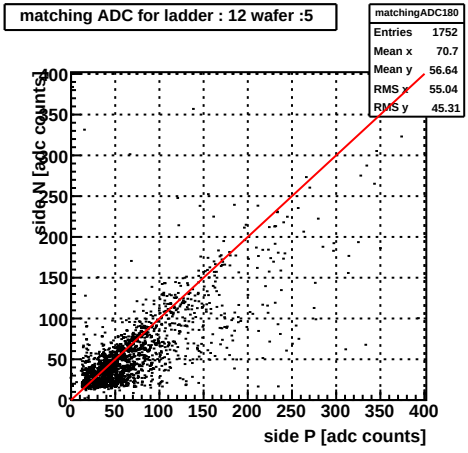

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1783
Mean x 67.27
Mean y 53.56
RMS x 59.32
RMS y 45.83
side N [adc counts]
side P [adc counts]

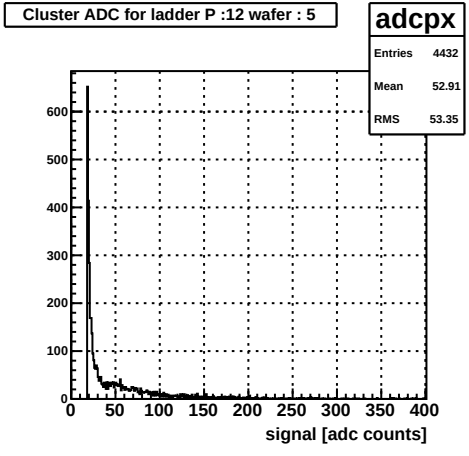

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6451
Mean 44.53
RMS 50.13
signal [adc counts]

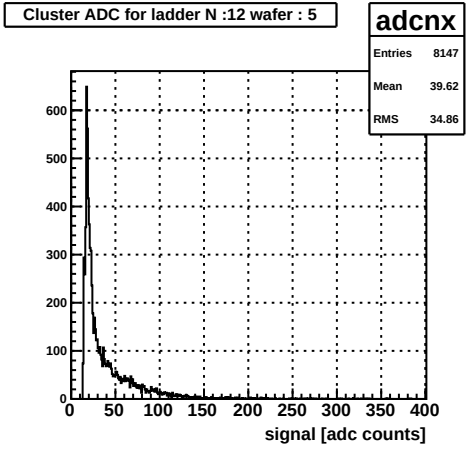

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 6439
Mean 30.49
RMS 33.39
signal [adc counts]

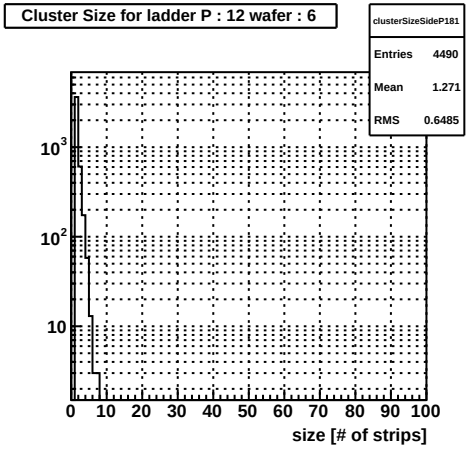

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 4432
Mean 1.257
RMS 0.5712
size [# of strips]

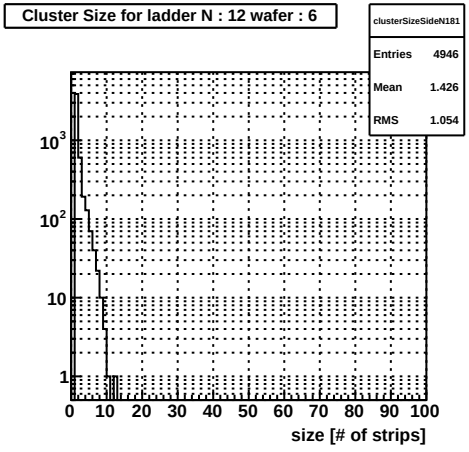

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 8147
Mean 1.599
RMS 1.067
size [# of strips]

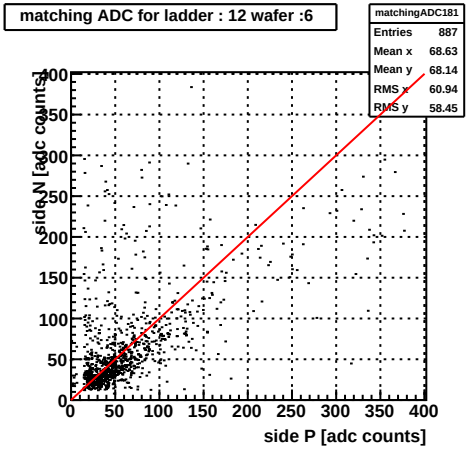

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1752
Mean x 70.7
Mean y 56.64
RMS x 55.04
RMS y 45.31
side N [adc counts]
side P [adc counts]

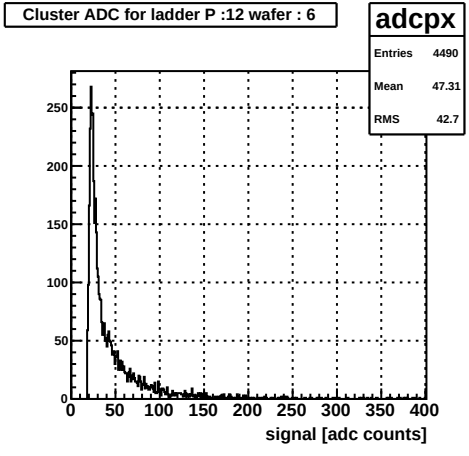

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 4432
Mean 52.91
RMS 53.35
signal [adc counts]

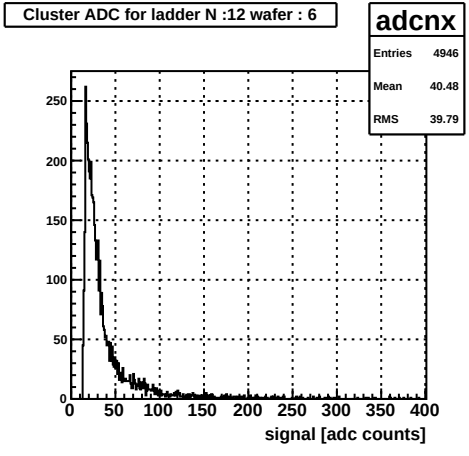

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 8147
Mean 39.62
RMS 34.86
signal [adc counts]

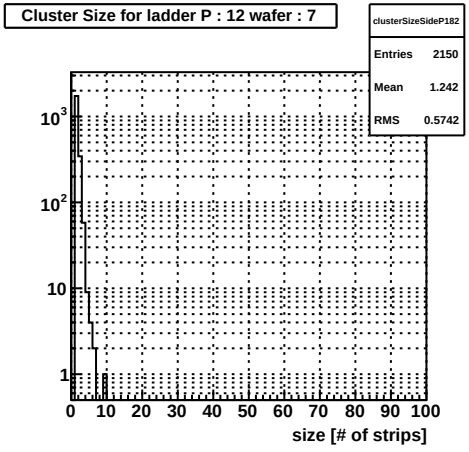

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 4490
Mean 1.271
RMS 0.6485
size [# of strips]

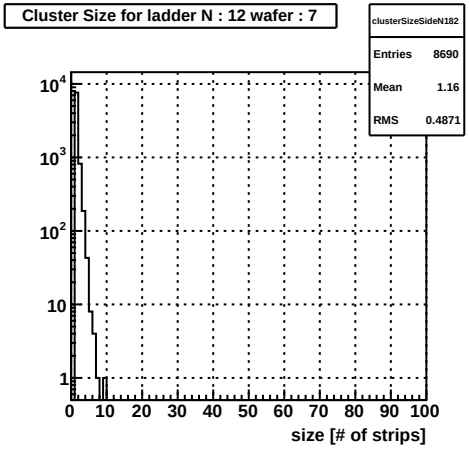

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4946
Mean 1.426
RMS 1.054
size [# of strips]

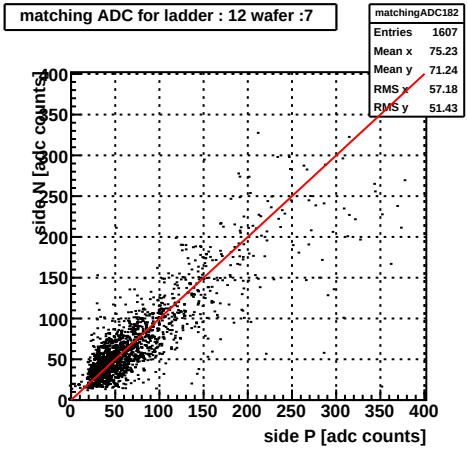

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 887
Mean x 68.63
Mean y 68.14
RMS x 60.94
RMS y 58.45
side N [adc counts]
side P [adc counts]

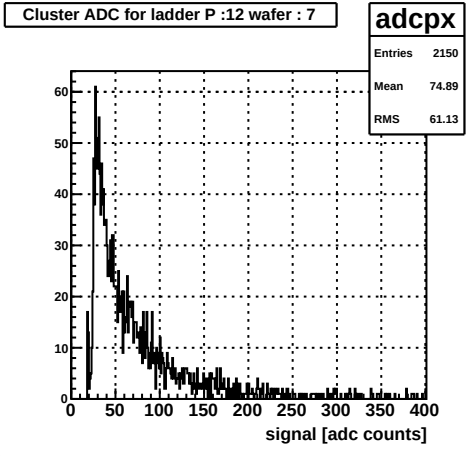

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 4490
Mean 47.31
RMS 42.7
signal [adc counts]

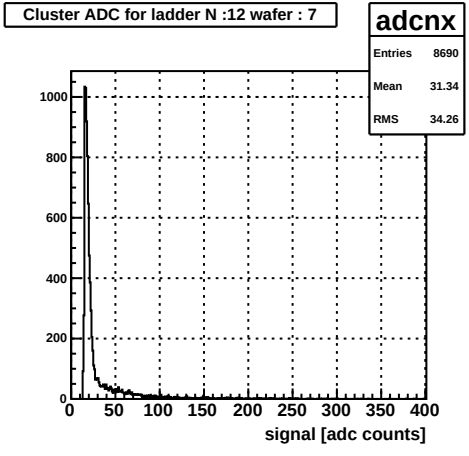

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4946
Mean 40.48
RMS 39.79
signal [adc counts]

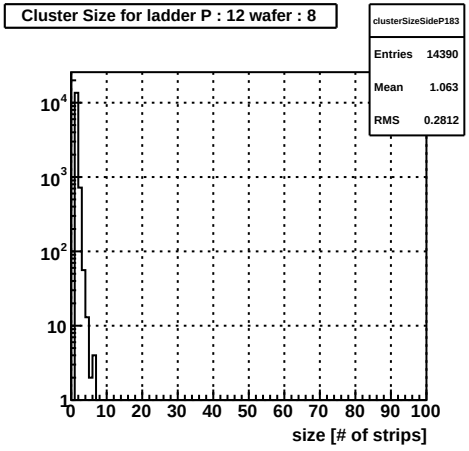

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2150
Mean 1.242
RMS 0.5742
size [# of strips]

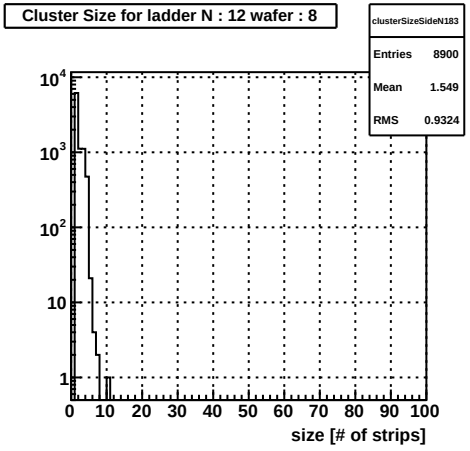

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 8690
Mean 1.16
RMS 0.4871
size [# of strips]

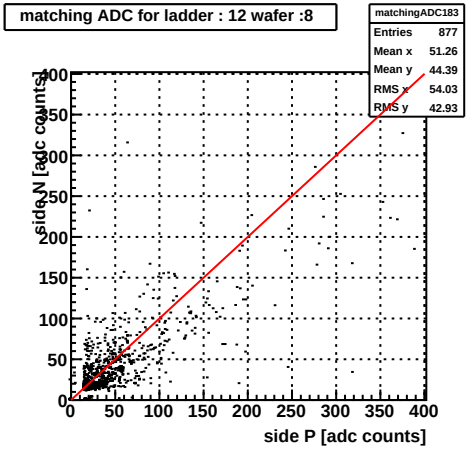

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1607
Mean x 75.23
Mean y 71.24
RMS x 57.18
RMS y 51.43
side N [adc counts]
side P [adc counts]

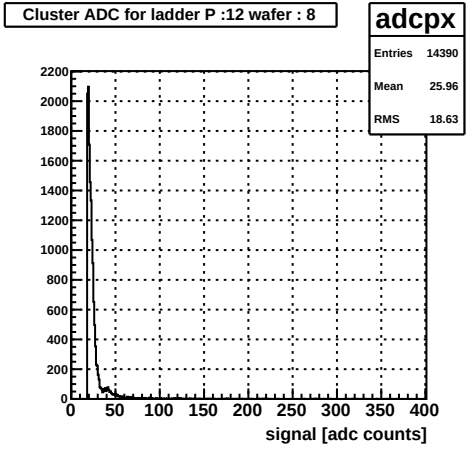

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2150
Mean 74.89
RMS 61.13
signal [adc counts]

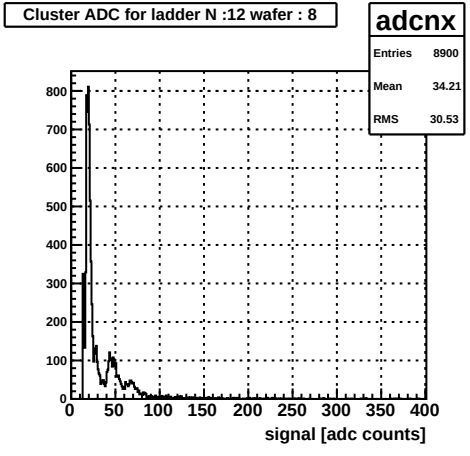

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 8690
Mean 31.34
RMS 34.26
signal [adc counts]

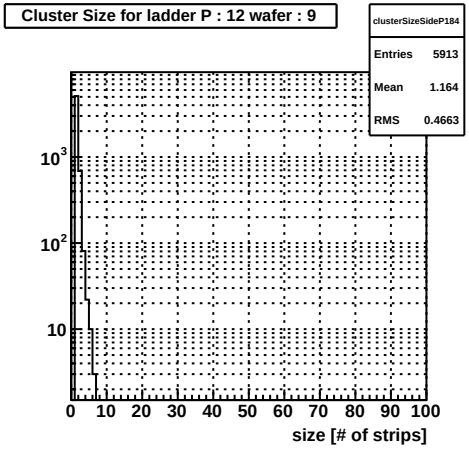

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 14390
Mean 1.063
RMS 0.2812
size [# of strips]

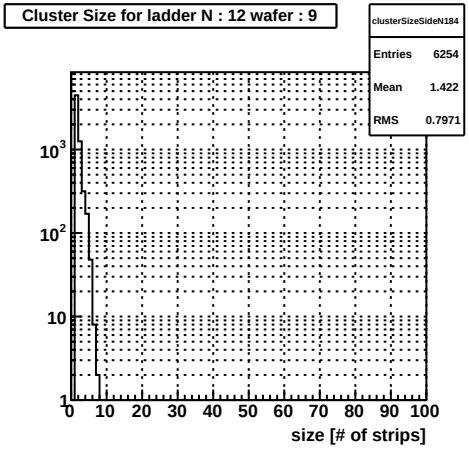

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8900
Mean 1.549
RMS 0.9324
size [# of strips]

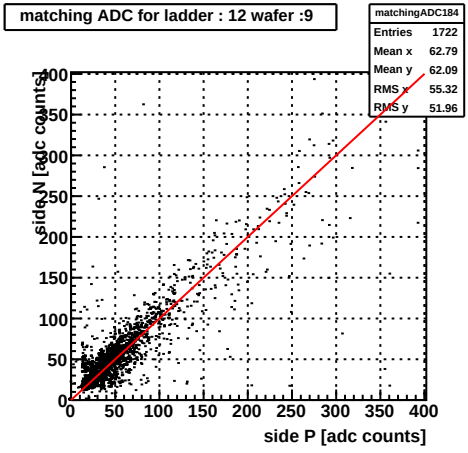

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 877
Mean x 51.26
Mean y 44.39
RMS x 54.03
RMS y 42.93
side N [adc counts]
side P [adc counts]

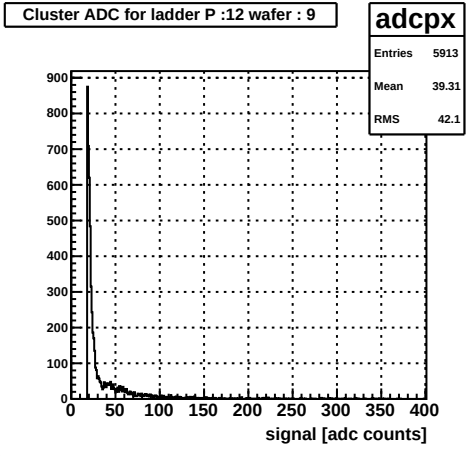

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 14390
Mean 25.96
RMS 18.63
signal [adc counts]

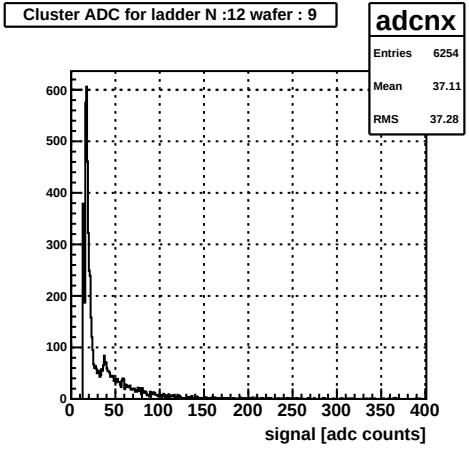

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8900
Mean 34.21
RMS 30.53
signal [adc counts]

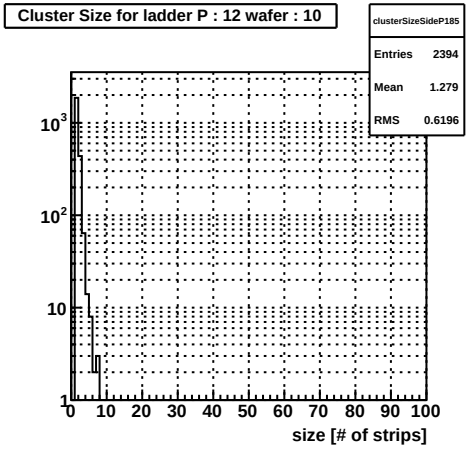

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 5913
Mean 1.164
RMS 0.4663
size [# of strips]

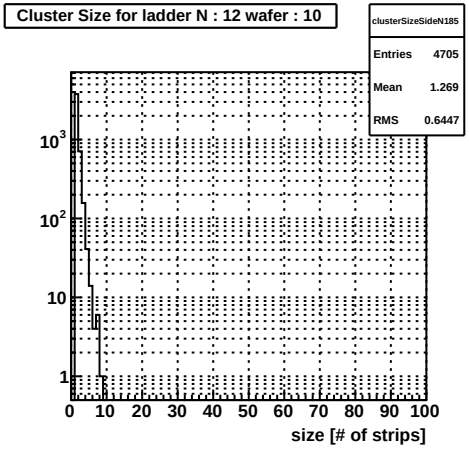

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 6254
Mean 1.422
RMS 0.7971
size [# of strips]

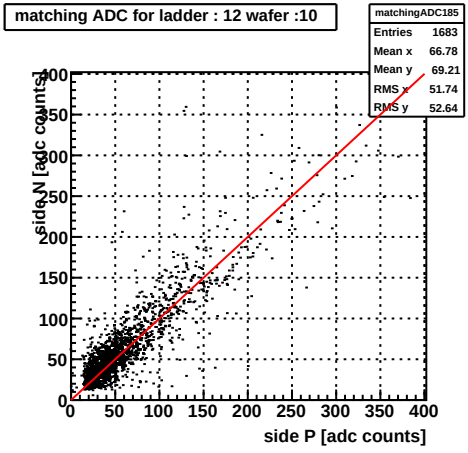

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1722
Mean x 62.79
Mean y 62.09
RMS x 55.32
RMS y 51.96
side N [adc counts]
side P [adc counts]

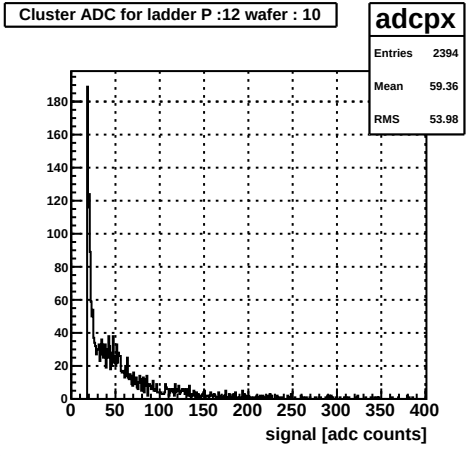

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 5913
Mean 39.31
RMS 42.1
signal [adc counts]

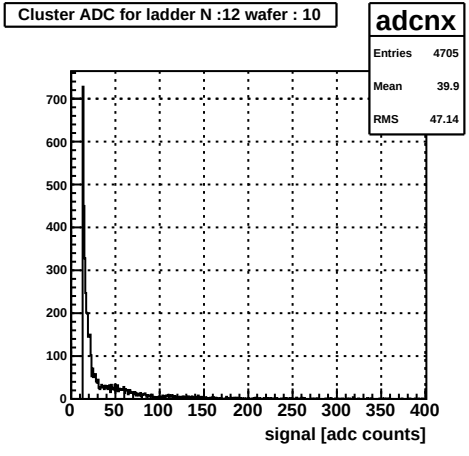

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 6254
Mean 37.11
RMS 37.28
signal [adc counts]

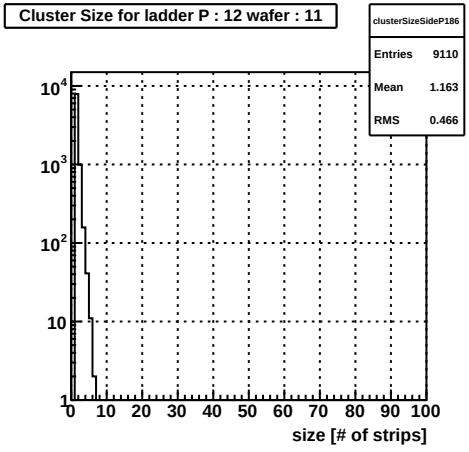

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2394
Mean 1.279
RMS 0.6196
size [# of strips]

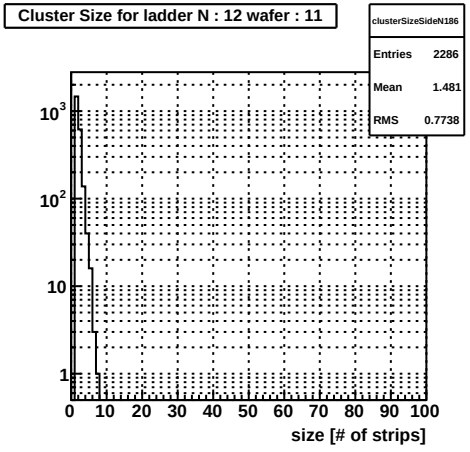

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4705
Mean 1.269
RMS 0.6447
size [# of strips]

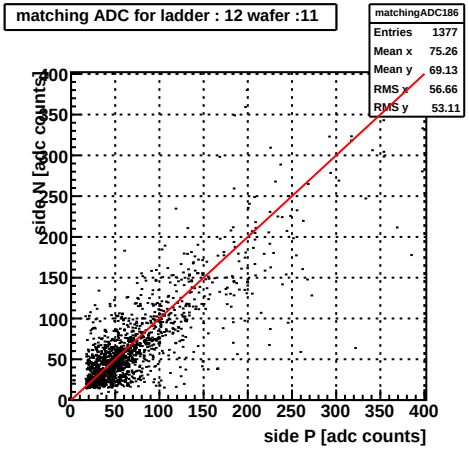

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1683
Mean x 66.78
Mean y 69.21
RMS x 51.74
RMS y 52.64
side N [adc counts]
side P [adc counts]

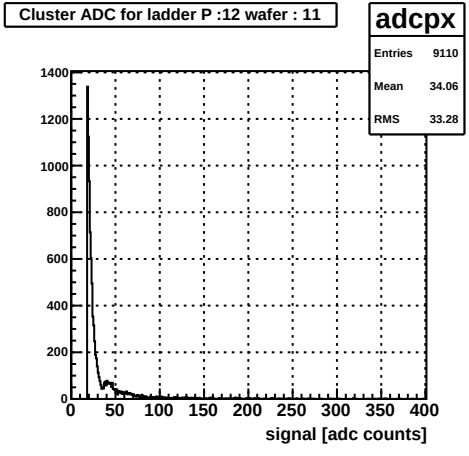

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2394
Mean 59.36
RMS 53.98
signal [adc counts]

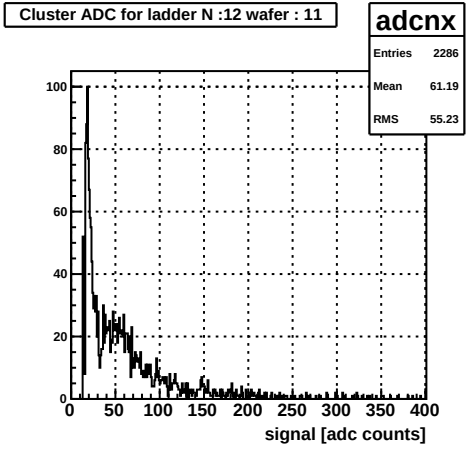

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4705
Mean 39.9
RMS 47.14
signal [adc counts]

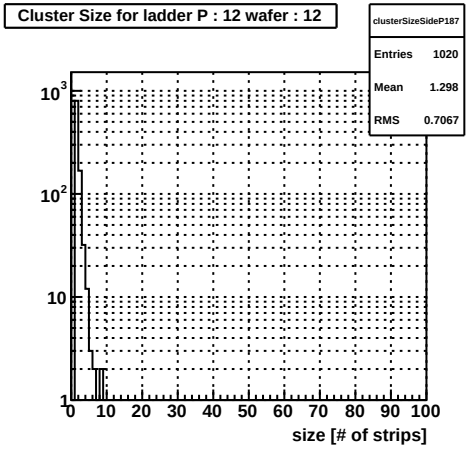

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 9110
Mean 1.163
RMS 0.466
size [# of strips]

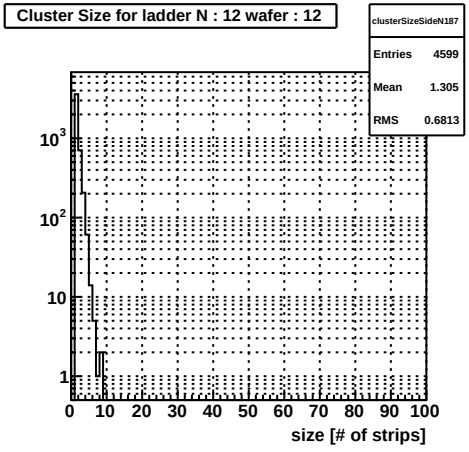

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2286
Mean 1.481
RMS 0.7738
size [# of strips]

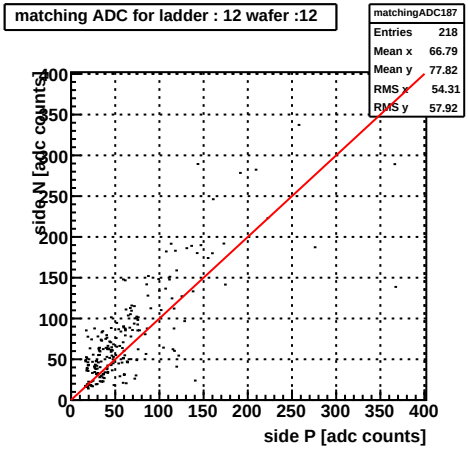

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1377
Mean x 75.26
Mean y 69.13
RMS x 56.66
RMS y 53.11
side N [adc counts]
side P [adc counts]

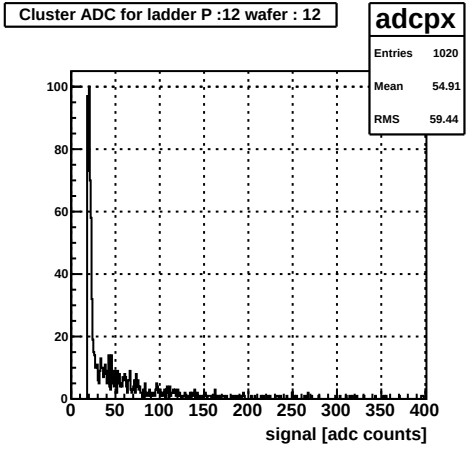

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 9110
Mean 34.06
RMS 33.28
signal [adc counts]

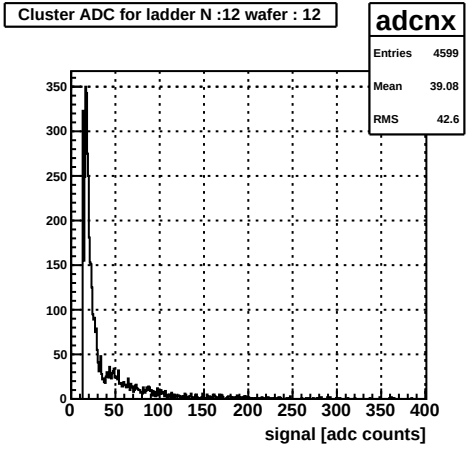

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2286
Mean 61.19
RMS 55.23
signal [adc counts]

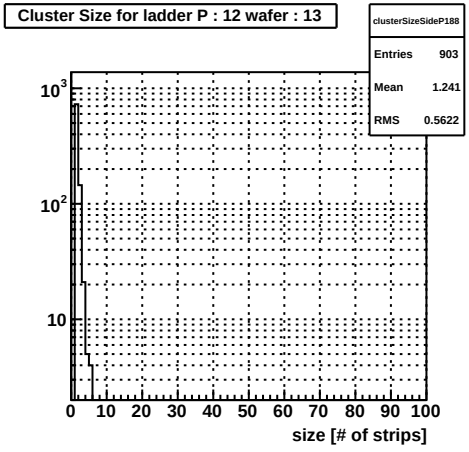

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 1020
Mean 1.298
RMS 0.7067
size [# of strips]

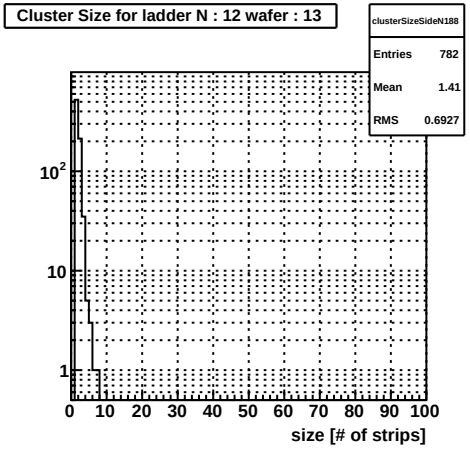

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4599
Mean 1.305
RMS 0.6813
size [# of strips]

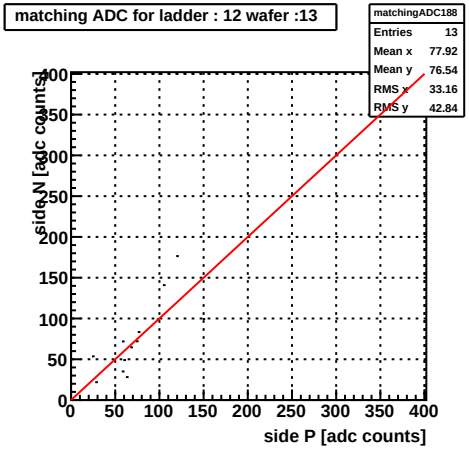

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 218
Mean x 66.79
Mean y 77.82
RMS x 54.31
RMS y 57.92
side N [adc counts]
side P [adc counts]

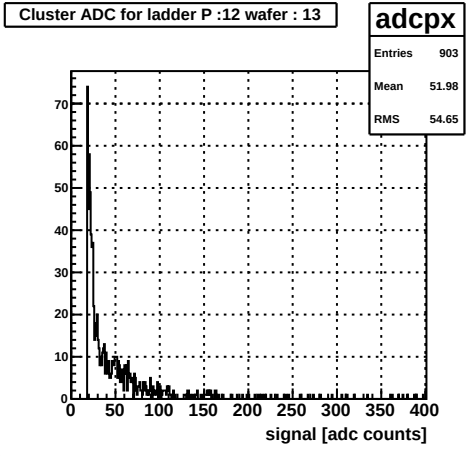

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 1020
Mean 54.91
RMS 59.44
signal [adc counts]

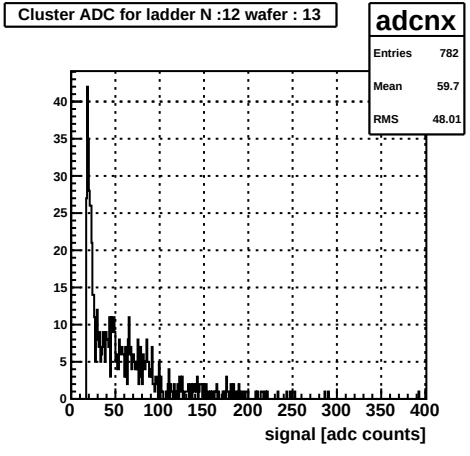

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4599
Mean 39.08
RMS 42.6
signal [adc counts]

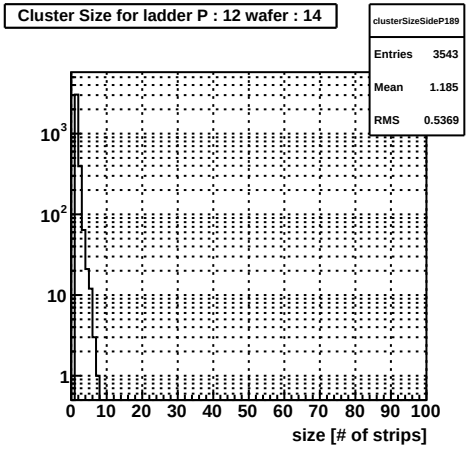

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 903
Mean 1.241
RMS 0.5622
size [# of strips]

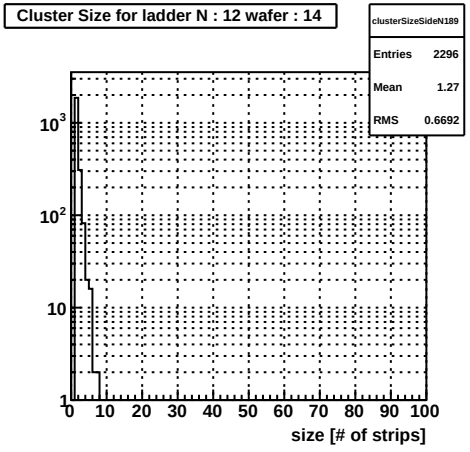

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 782
Mean 1.41
RMS 0.6927
size [# of strips]

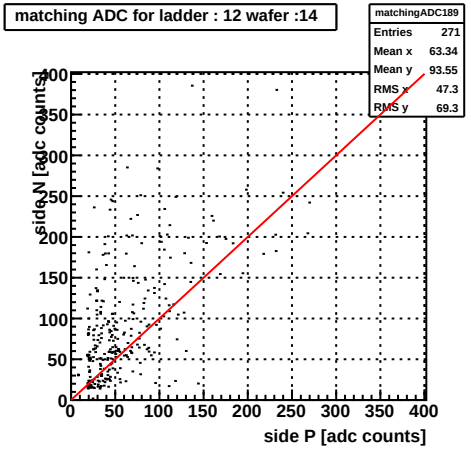

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 13
Mean x 77.92
Mean y 76.54
RMS x 33.16
RMS y 42.84
side N [adc counts]
side P [adc counts]

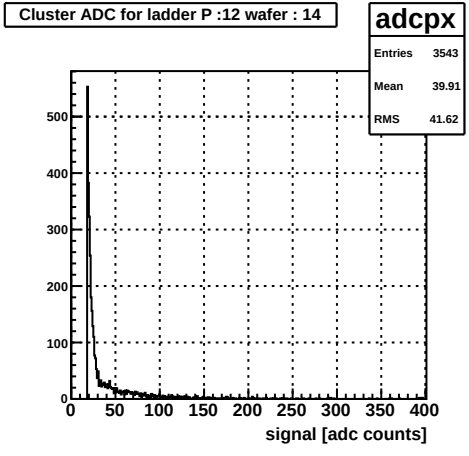

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 903
Mean 51.98
RMS 54.65
signal [adc counts]

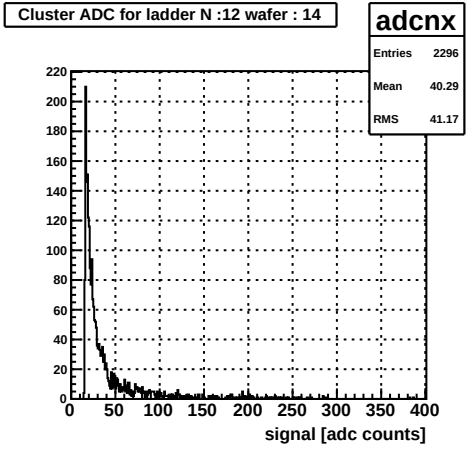

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 782
Mean 59.7
RMS 48.01
signal [adc counts]

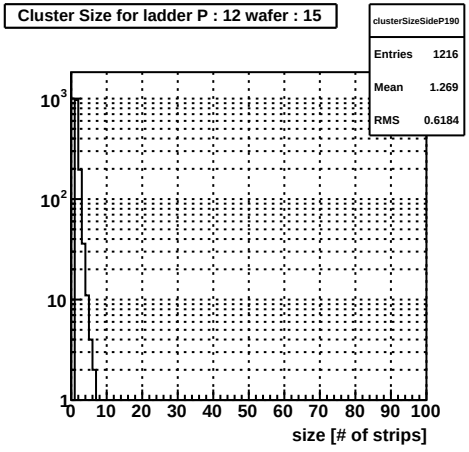

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3543
Mean 1.185
RMS 0.5369
size [# of strips]

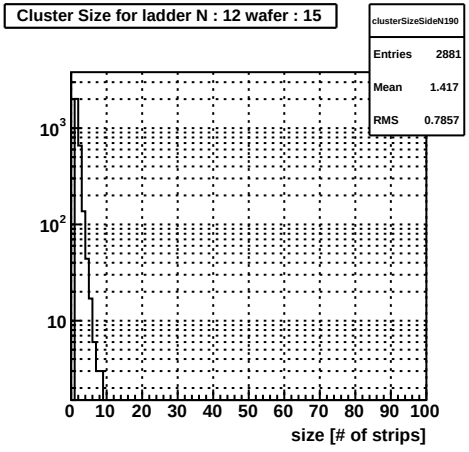

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2296
Mean 1.27
RMS 0.6692
size [# of strips]

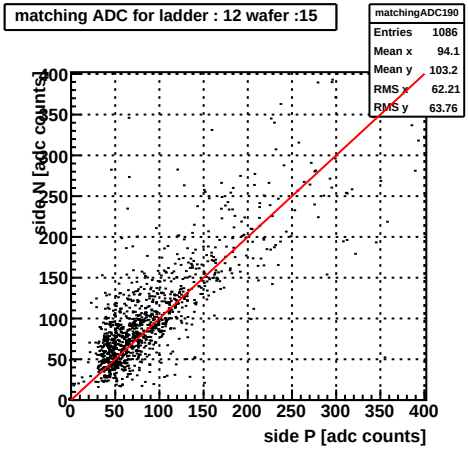

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 271
Mean x 63.34
Mean y 93.55
RMS x 47.3
RMS y 69.3
side N [adc counts]
side P [adc counts]

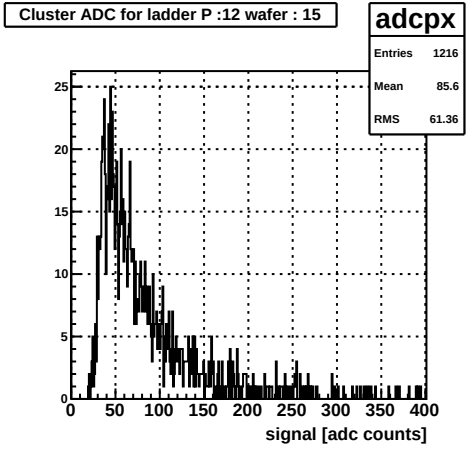

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3543
Mean 39.91
RMS 41.62
signal [adc counts]

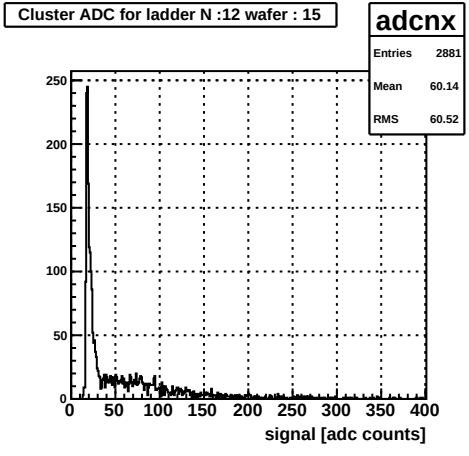

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2296
Mean 40.29
RMS 41.17
signal [adc counts]

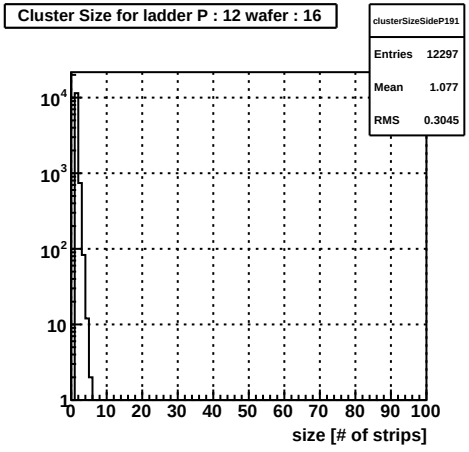

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1216
Mean 1.269
RMS 0.6184
size [# of strips]

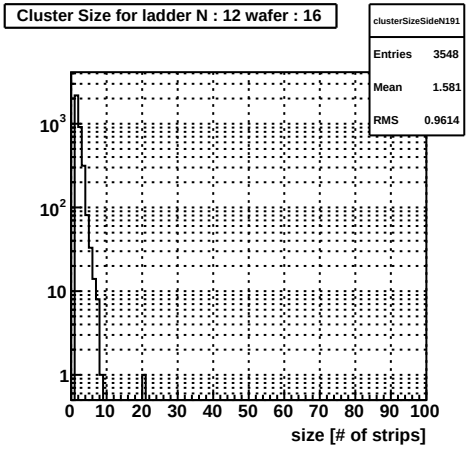

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2881
Mean 1.417
RMS 0.7857
size [# of strips]

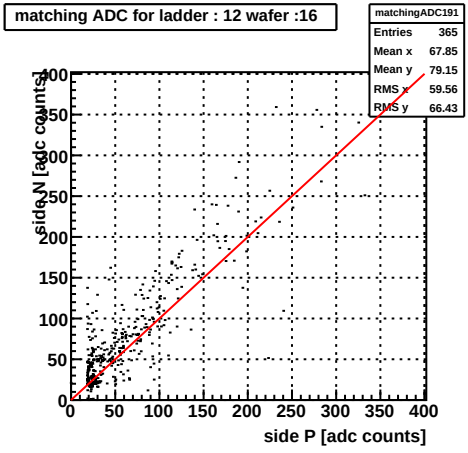

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1086
Mean x 94.1
Mean y 103.2
RMS x 62.21
RMS y 63.76
side N [adc counts]
side P [adc counts]

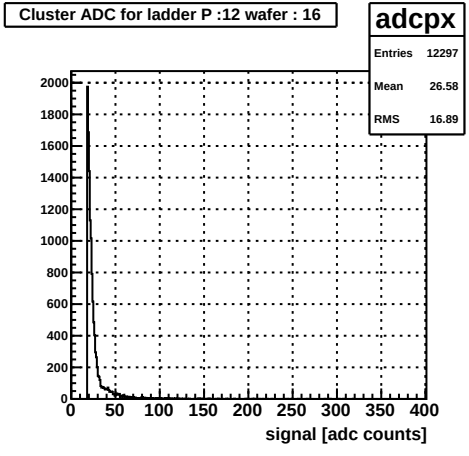

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1216
Mean 85.6
RMS 61.36
signal [adc counts]

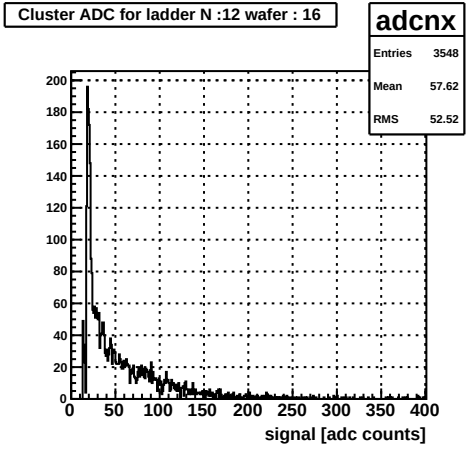

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2881
Mean 60.14
RMS 60.52
signal [adc counts]

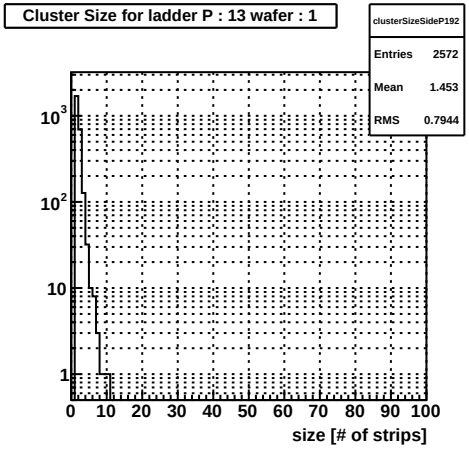

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 12297
Mean 1.077
RMS 0.3045
size [# of strips]

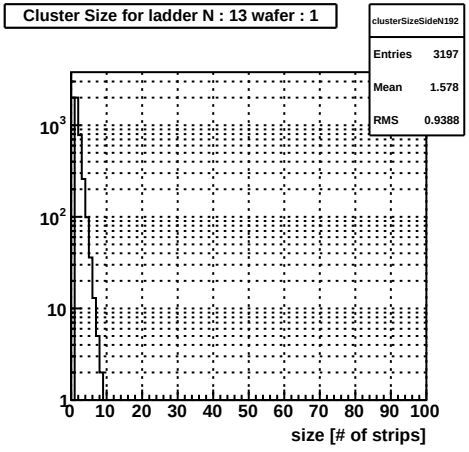

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3548
Mean 1.581
RMS 0.9614
size [# of strips]

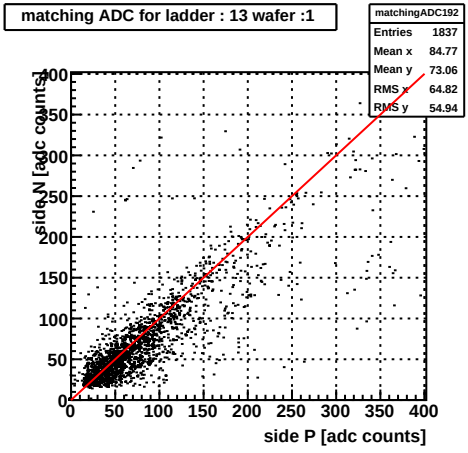

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 365
Mean x 67.85
Mean y 79.15
RMS x 59.56
RMS y 66.43
side N [adc counts]
side P [adc counts]

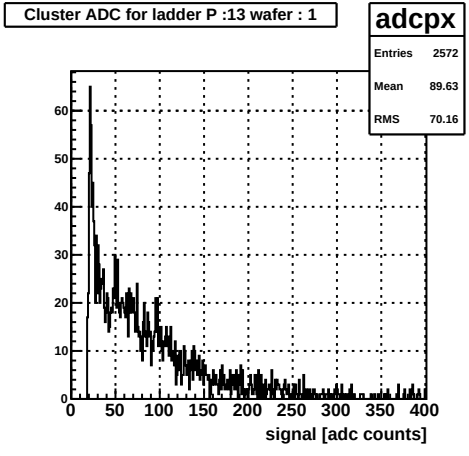

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 12297
Mean 26.58
RMS 16.89
signal [adc counts]

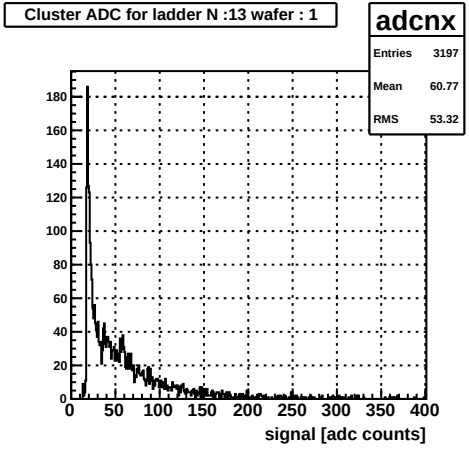

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3548
Mean 57.62
RMS 52.52
signal [adc counts]

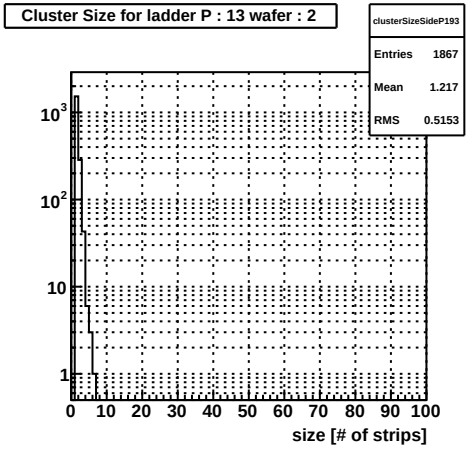

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2572
Mean 1.453
RMS 0.7944
size [# of strips]

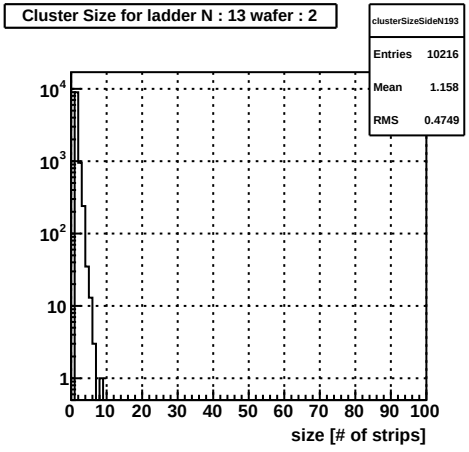

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3197
Mean 1.578
RMS 0.9388
size [# of strips]

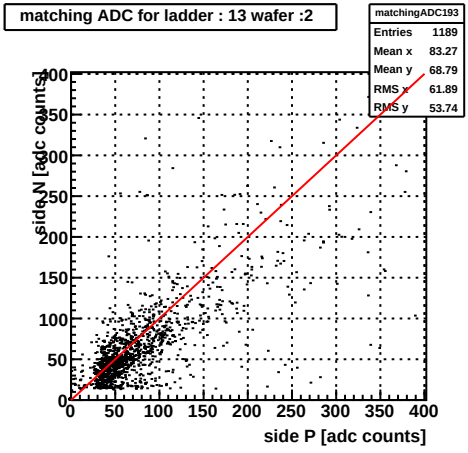

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1837
Mean x 84.77
Mean y 73.06
RMS x 64.82
RMS y 54.94
side N [adc counts]
side P [adc counts]

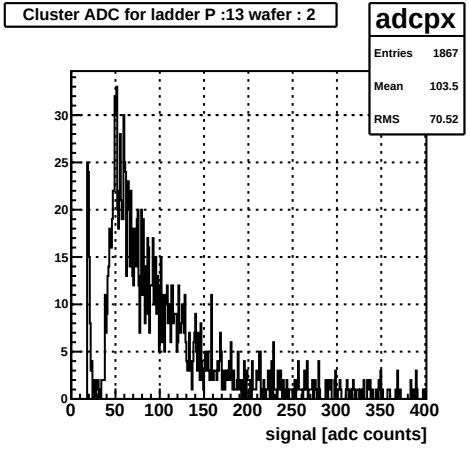

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2572
Mean 89.63
RMS 70.16
signal [adc counts]

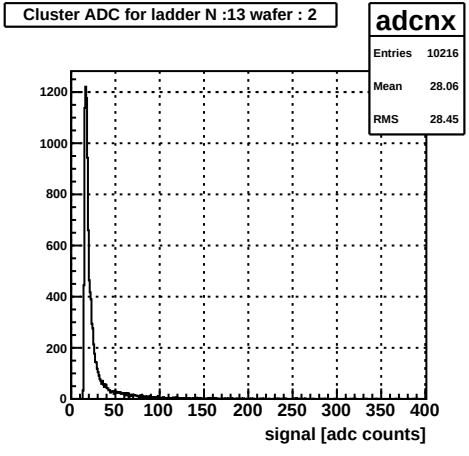

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3197
Mean 60.77
RMS 53.32
signal [adc counts]

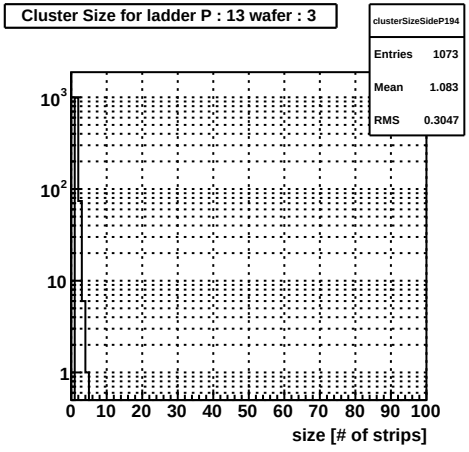

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1867
Mean 1.217
RMS 0.5153
size [# of strips]

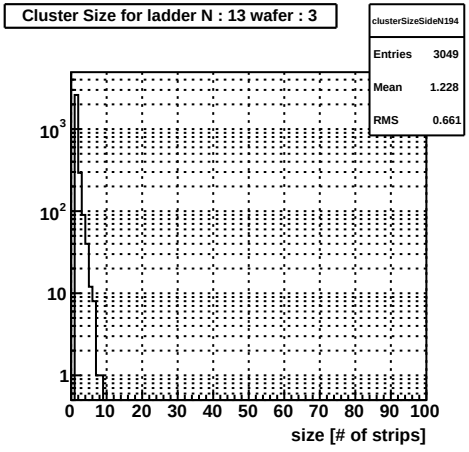

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 10216
Mean 1.158
RMS 0.4749
size [# of strips]

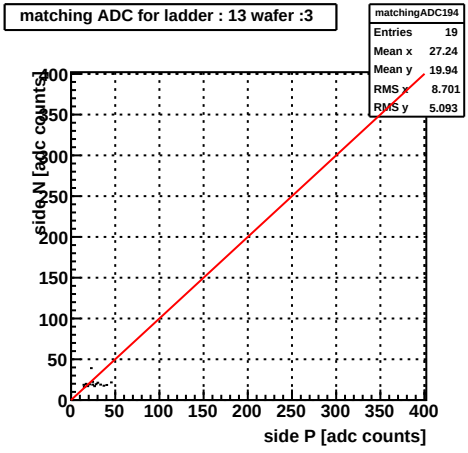

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1189
Mean x 83.27
Mean y 68.79
RMS x 61.89
RMS y 53.74
side N [adc counts]
side P [adc counts]

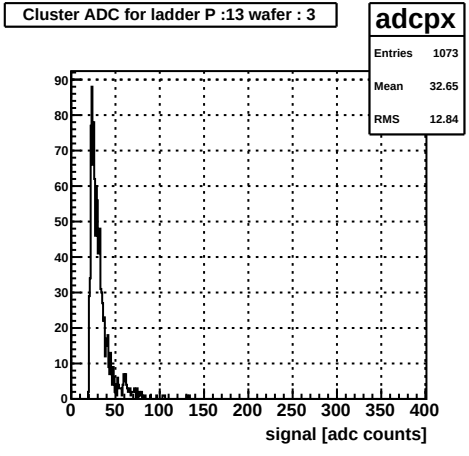

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1867
Mean 103.5
RMS 70.52
signal [adc counts]

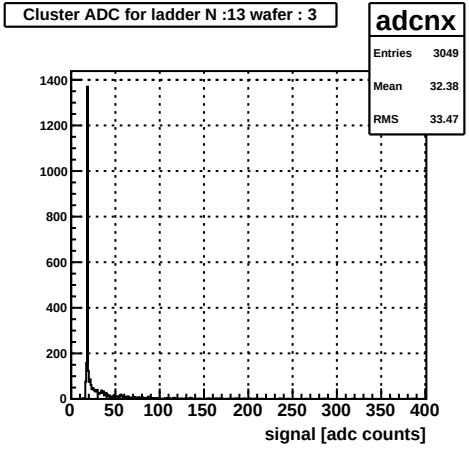

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 10216
Mean 28.06
RMS 28.45
signal [adc counts]

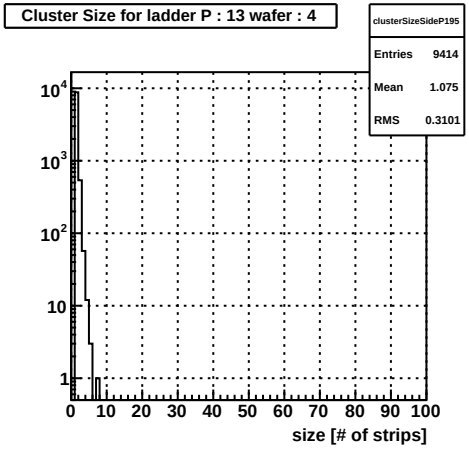

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1073
Mean 1.083
RMS 0.3047
size [# of strips]

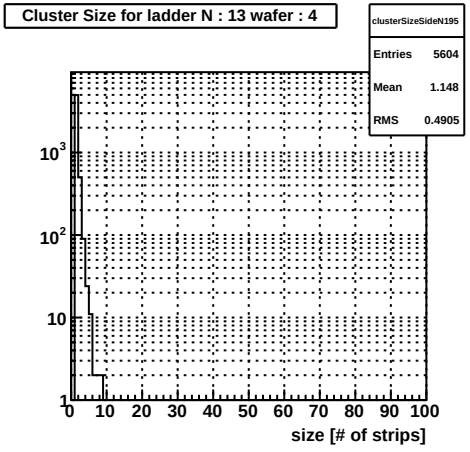

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 3049
Mean 1.228
RMS 0.661
size [# of strips]

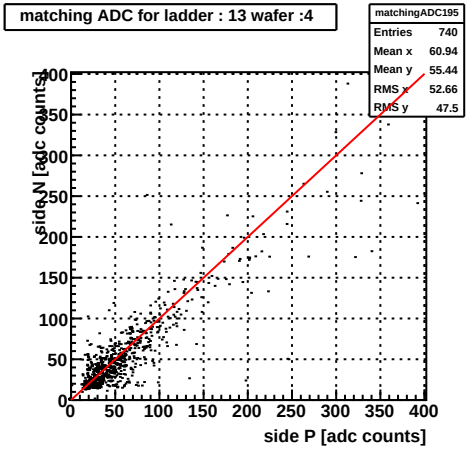

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 19
Mean x 27.24
Mean y 19.94
RMS x 8.701
RMS y 5.093
side N [adc counts]
side P [adc counts]

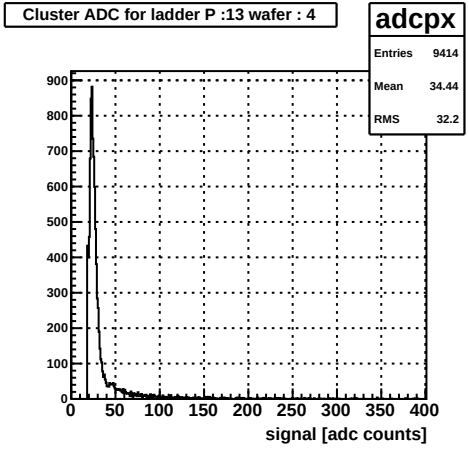

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1073
Mean 32.65
RMS 12.84
signal [adc counts]

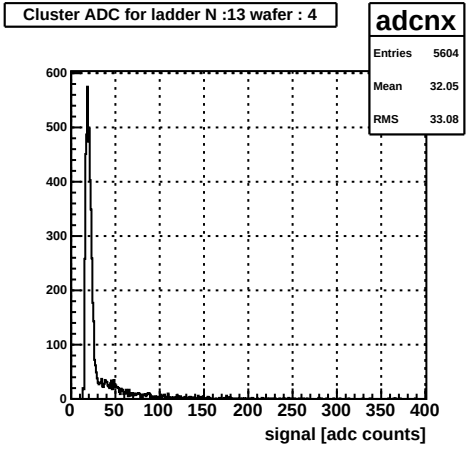

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 3049
Mean 32.38
RMS 33.47
signal [adc counts]

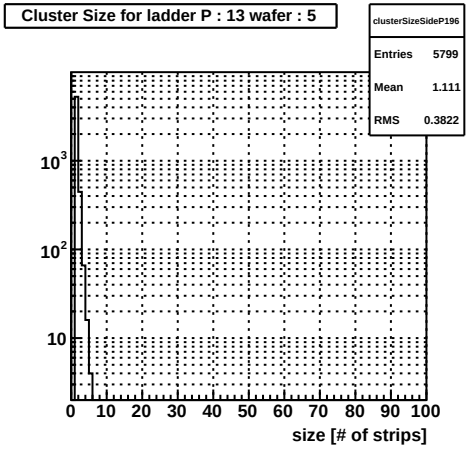

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9414
Mean 1.075
RMS 0.3101
size [# of strips]

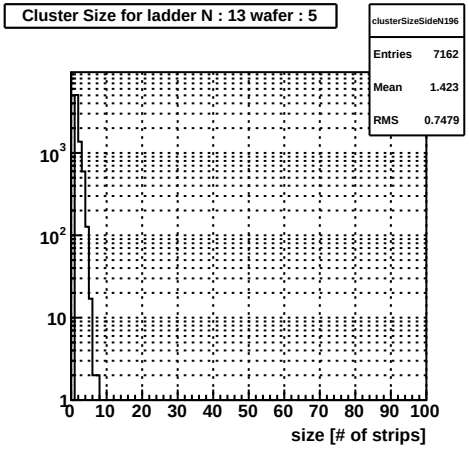

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 5604
Mean 1.148
RMS 0.4905
size [# of strips]

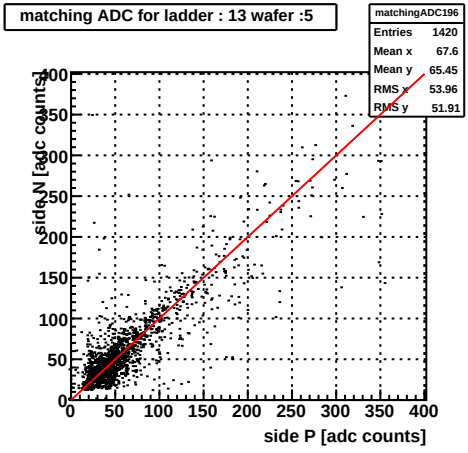

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 740
Mean x 60.94
Mean y 55.44
RMS x 52.66
RMS y 47.5
side N [adc counts]
side P [adc counts]

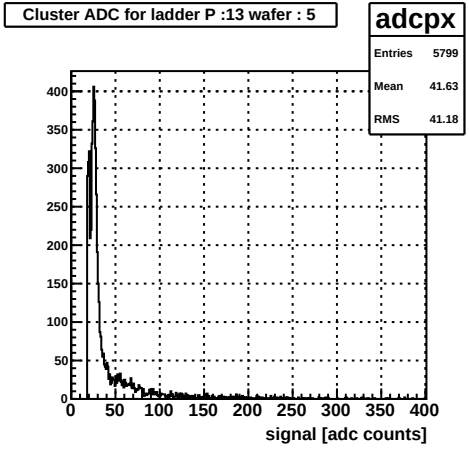

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9414
Mean 34.44
RMS 32.2
signal [adc counts]

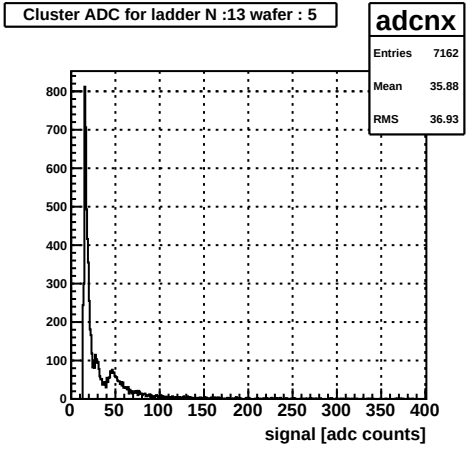

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 5604
Mean 32.05
RMS 33.08
signal [adc counts]

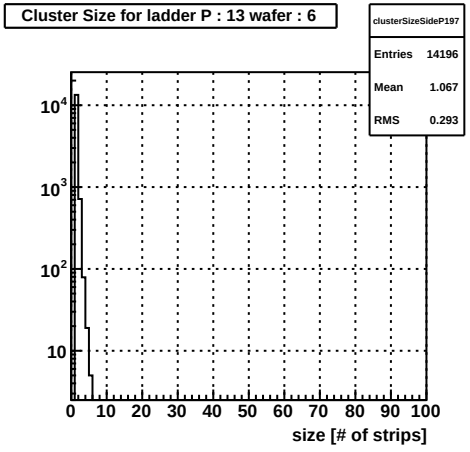

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5799
Mean 1.111
RMS 0.3822
size [# of strips]

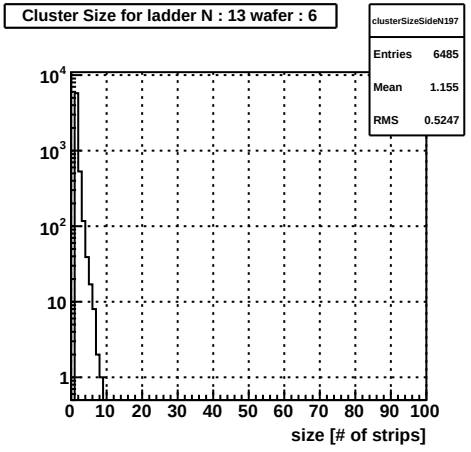

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 7162
Mean 1.423
RMS 0.7479
size [# of strips]

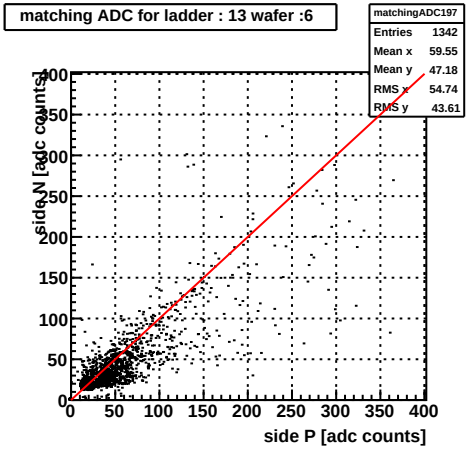

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1420
Mean x 67.6
Mean y 65.45
RMS x 53.96
RMS y 51.91
side N [adc counts]
side P [adc counts]

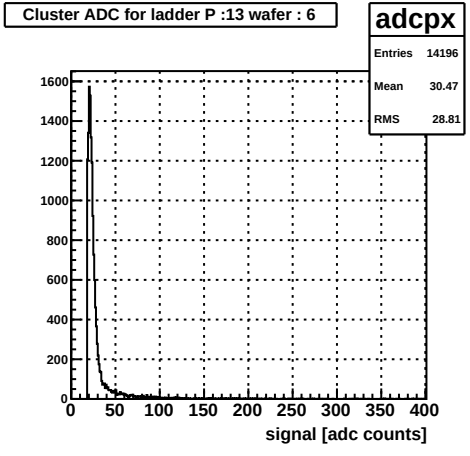

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5799
Mean 41.63
RMS 41.18
signal [adc counts]

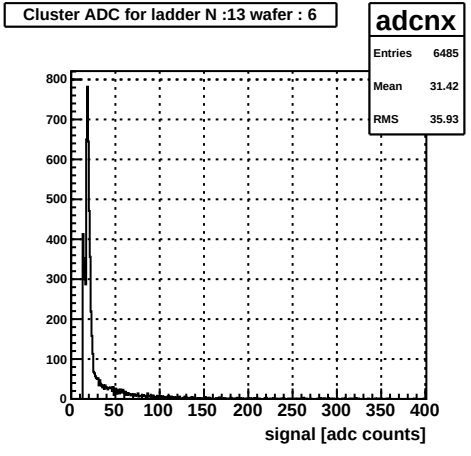

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 7162
Mean 35.88
RMS 36.93
signal [adc counts]

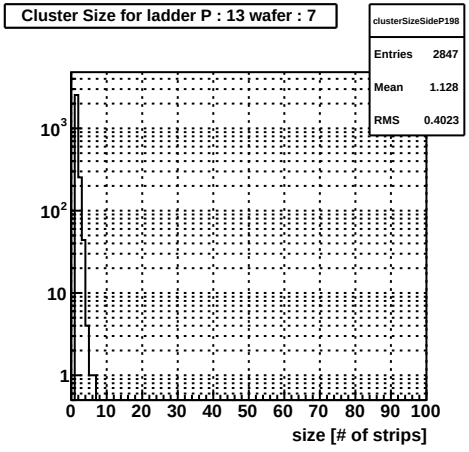

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 14196
Mean 1.067
RMS 0.293
size [# of strips]

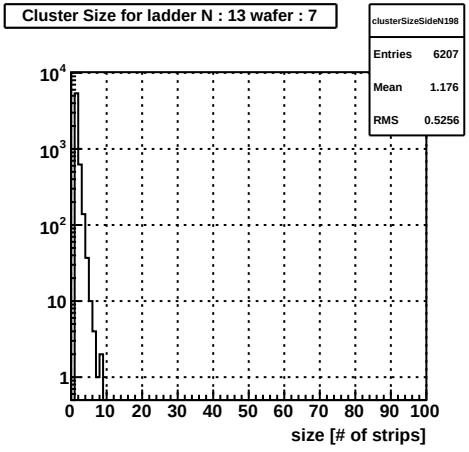

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 6485
Mean 1.155
RMS 0.5247
size [# of strips]

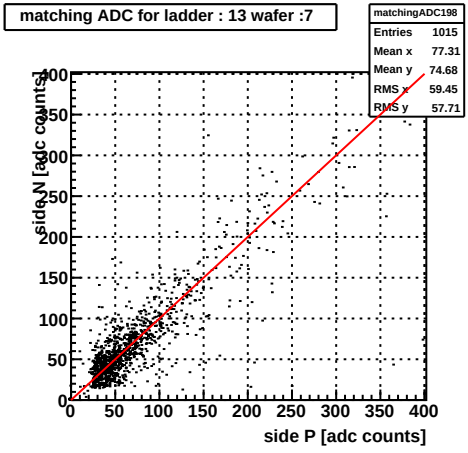

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1342
Mean x 59.55
Mean y 47.18
RMS x 54.74
RMS y 43.61
side N [adc counts]
side P [adc counts]

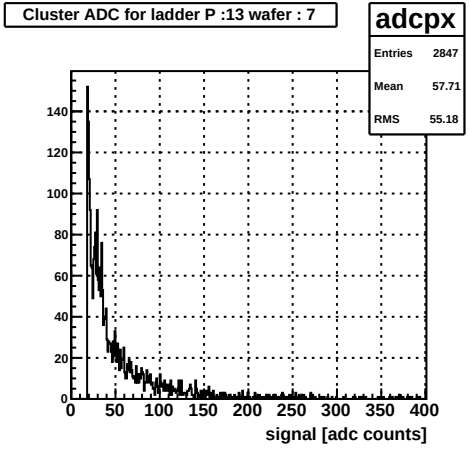

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 14196
Mean 30.47
RMS 28.81
signal [adc counts]

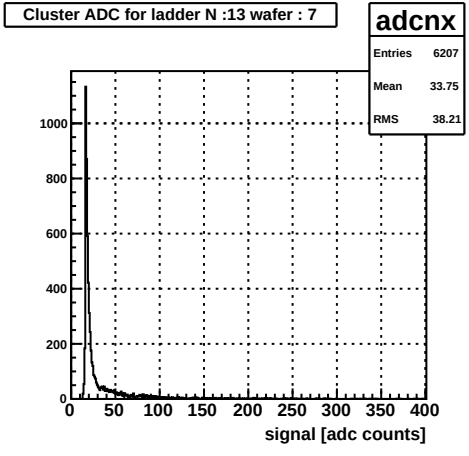

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 6485
Mean 31.42
RMS 35.93
signal [adc counts]

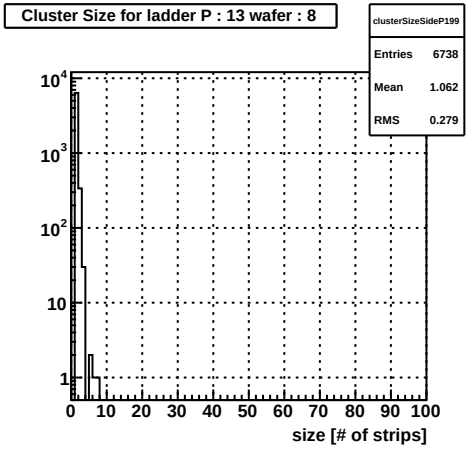

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2847
Mean 1.128
RMS 0.4023
size [# of strips]

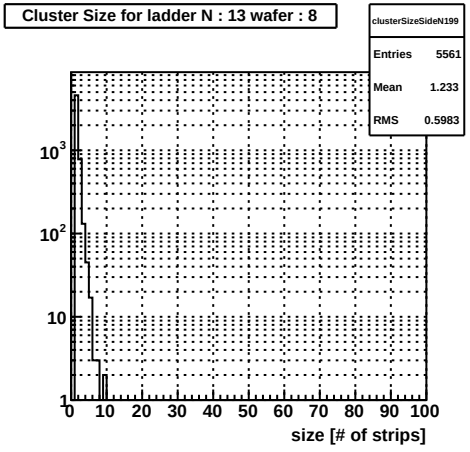

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 6207
Mean 1.176
RMS 0.5256
size [# of strips]

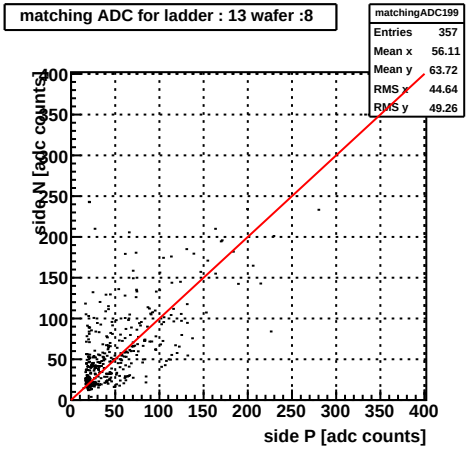

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1015
Mean x 77.31
Mean y 74.68
RMS x 59.45
RMS y 57.71
side N [adc counts]
side P [adc counts]

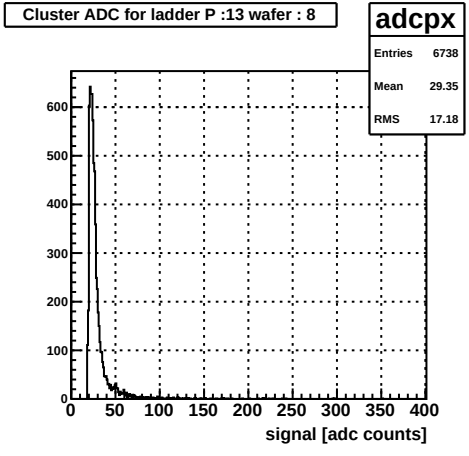

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2847
Mean 57.71
RMS 55.18
signal [adc counts]

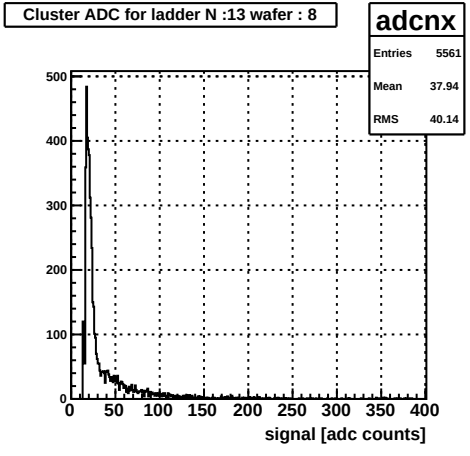

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 6207
Mean 33.75
RMS 38.21
signal [adc counts]

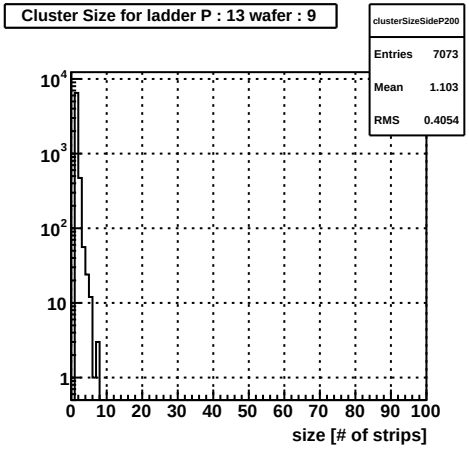

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6738
Mean 1.062
RMS 0.279
size [# of strips]

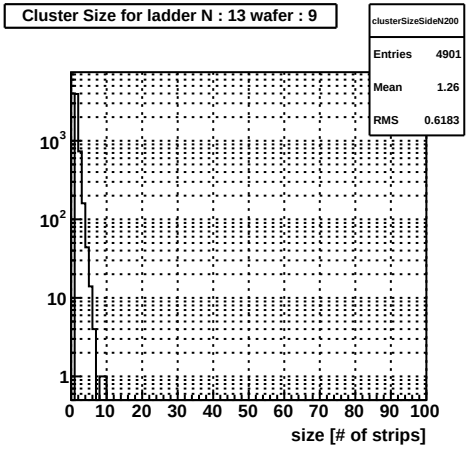

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5561
Mean 1.233
RMS 0.5983
size [# of strips]

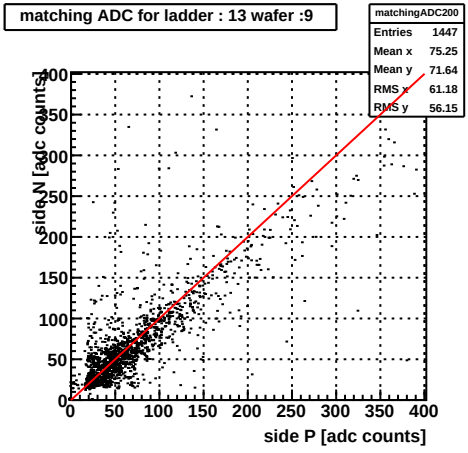

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 357
Mean x 56.11
Mean y 63.72
RMS x 44.64
RMS y 49.26
side N [adc counts]
side P [adc counts]

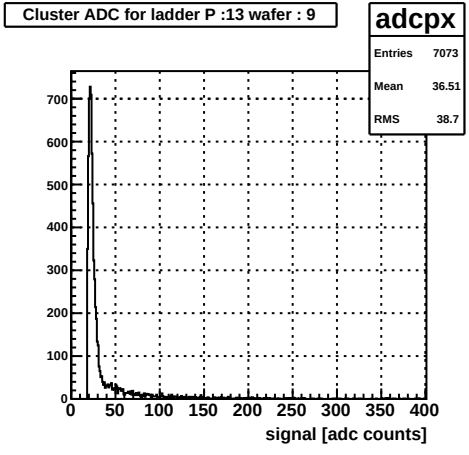

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6738
Mean 29.35
RMS 17.18
signal [adc counts]

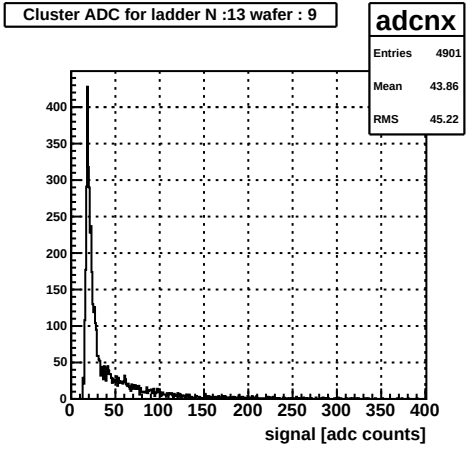

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5561
Mean 37.94
RMS 40.14
signal [adc counts]

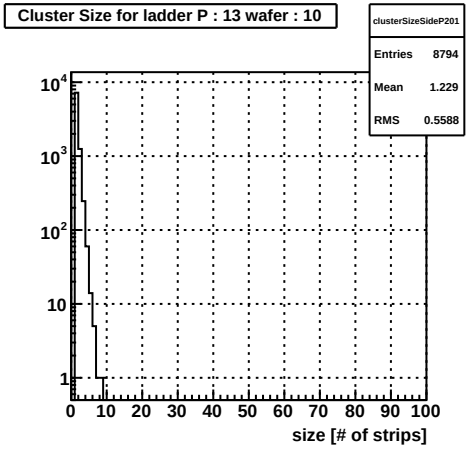

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 7073
Mean 1.103
RMS 0.4054
size [# of strips]

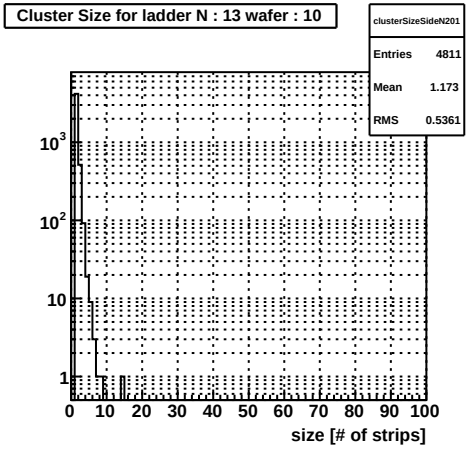

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4901
Mean 1.26
RMS 0.6183
size [# of strips]

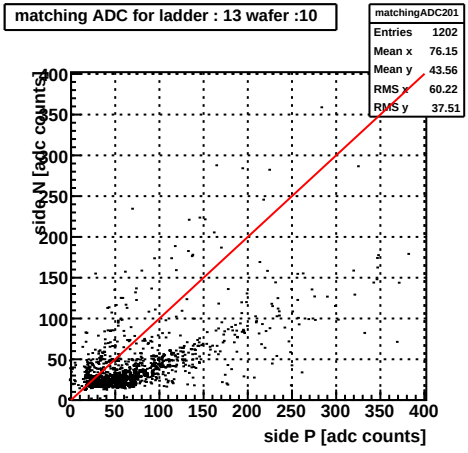

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1447
Mean x 75.25
Mean y 71.64
RMS x 61.18
RMS y 56.15
side N [adc counts]
side P [adc counts]

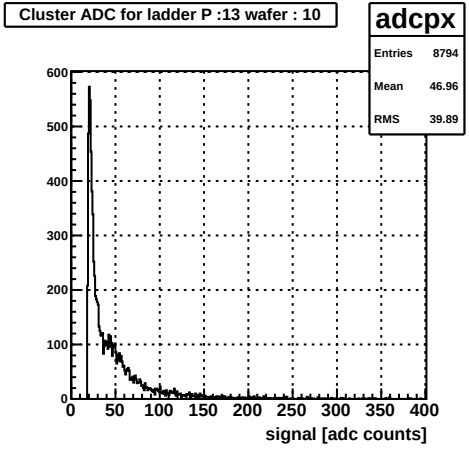

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 7073
Mean 36.51
RMS 38.7
signal [adc counts]

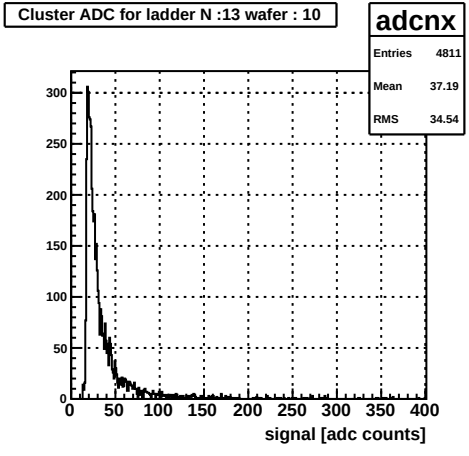

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4901
Mean 43.86
RMS 45.22
signal [adc counts]

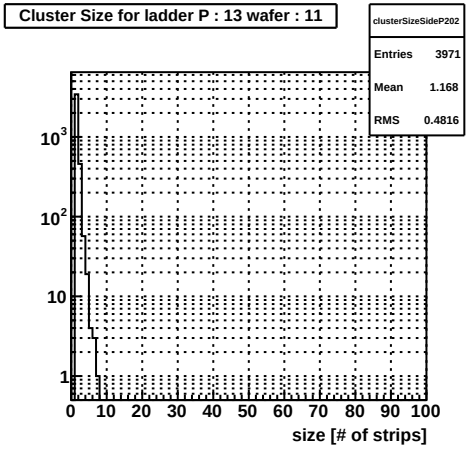

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 8794
Mean 1.229
RMS 0.5588
size [# of strips]

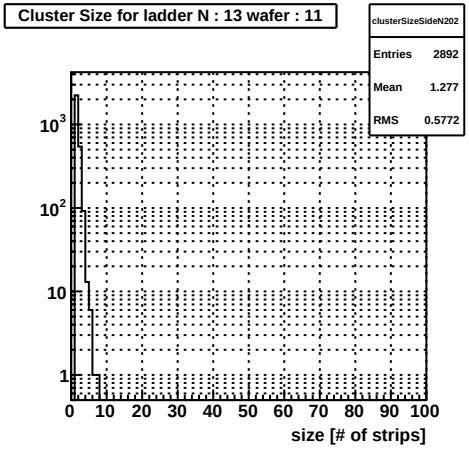

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4811
Mean 1.173
RMS 0.5361
size [# of strips]

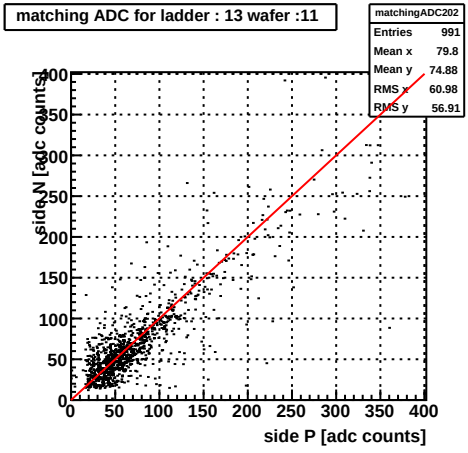

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1202
Mean x 76.15
Mean y 43.56
RMS x 60.22
RMS y 37.51
side N [adc counts]
side P [adc counts]

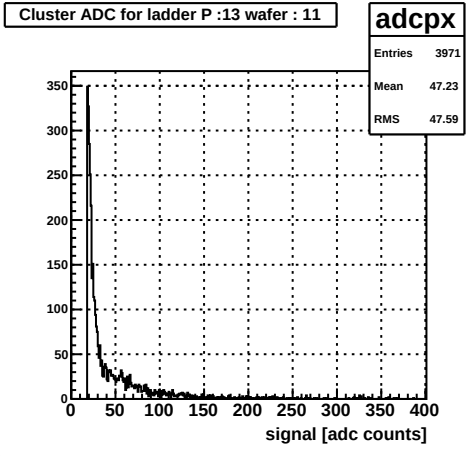

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 8794
Mean 46.96
RMS 39.89
signal [adc counts]

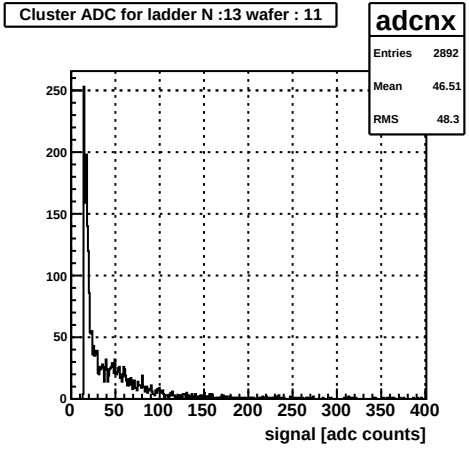

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4811
Mean 37.19
RMS 34.54
signal [adc counts]

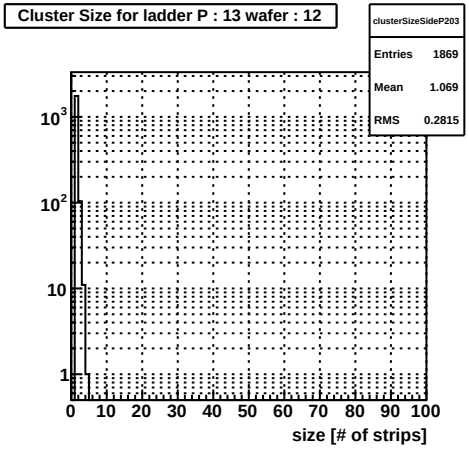

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3971
Mean 1.168
RMS 0.4816
size [# of strips]

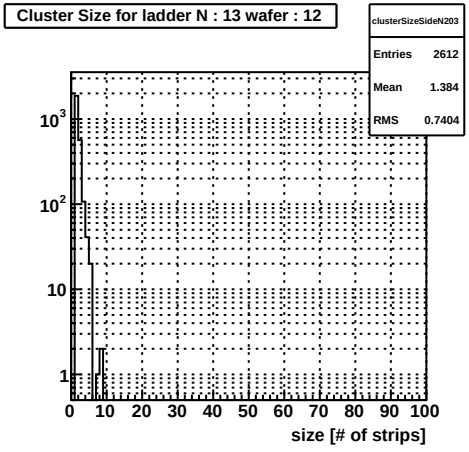

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2892
Mean 1.277
RMS 0.5772
size [# of strips]

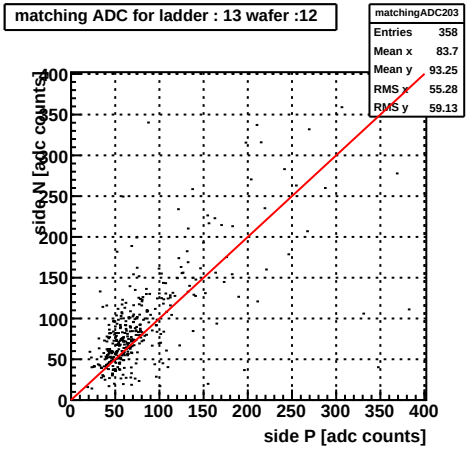

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 991
Mean x 79.8
Mean y 74.88
RMS x 60.98
RMS y 56.91
side N [adc counts]
side P [adc counts]

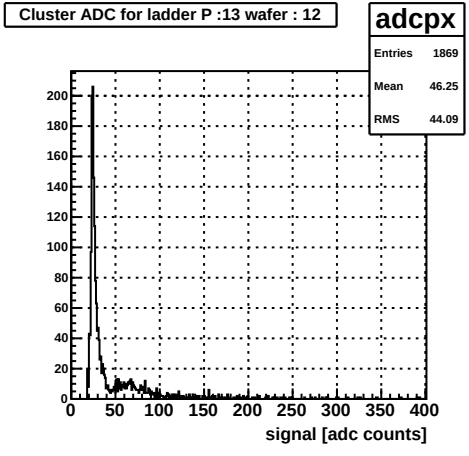

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3971
Mean 47.23
RMS 47.59
signal [adc counts]

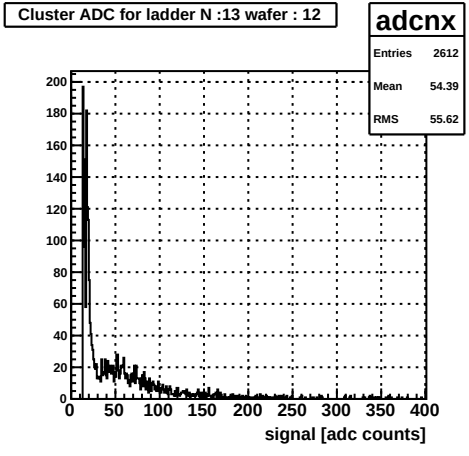

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2892
Mean 46.51
RMS 48.3
signal [adc counts]

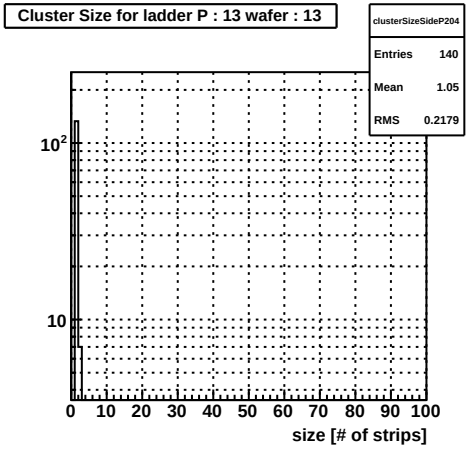

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1869
Mean 1.069
RMS 0.2815
size [# of strips]

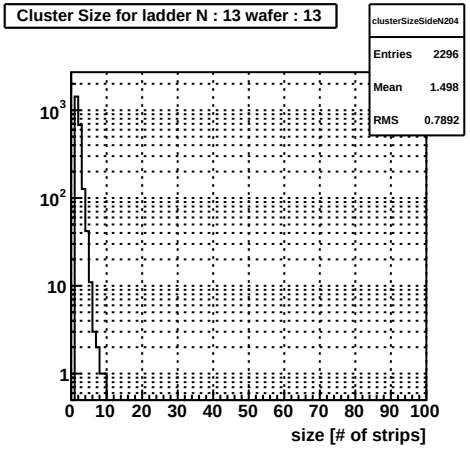

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2612
Mean 1.384
RMS 0.7404
size [# of strips]

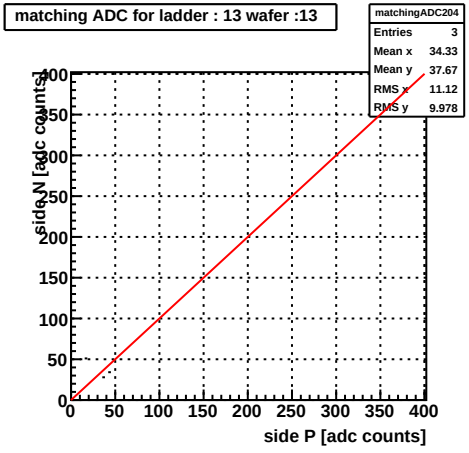

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 358
Mean x 83.7
Mean y 93.25
RMS x 55.28
RMS y 59.13
side N [adc counts]
side P [adc counts]

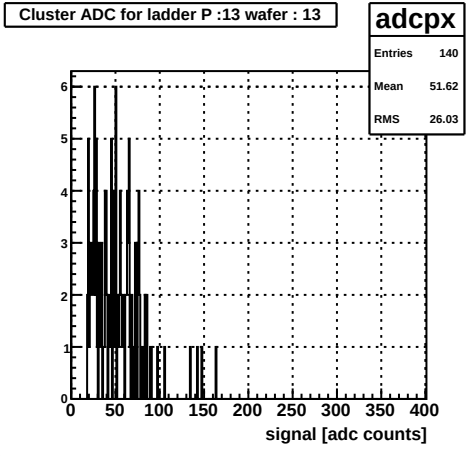

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1869
Mean 46.25
RMS 44.09
signal [adc counts]

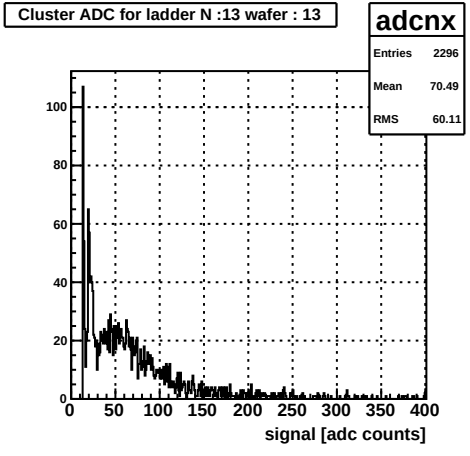

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2612
Mean 54.39
RMS 55.62
signal [adc counts]

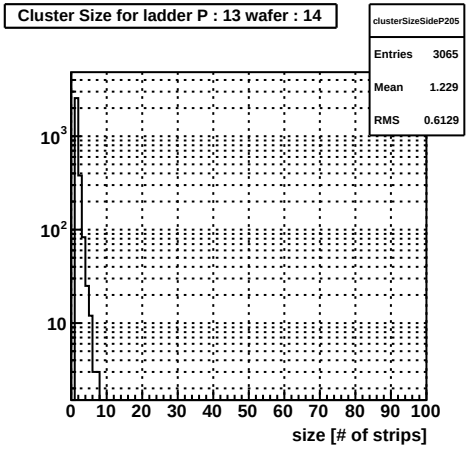

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 140
Mean 1.05
RMS 0.2179
size [# of strips]

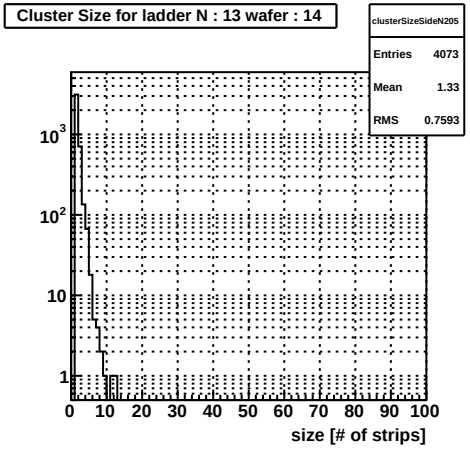

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2296
Mean 1.498
RMS 0.7892
size [# of strips]

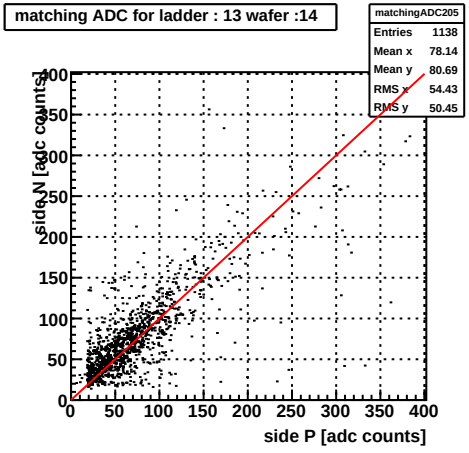

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 3
Mean x 34.33
Mean y 37.67
RMS x 11.12
RMS y 9.978
side N [adc counts]
side P [adc counts]

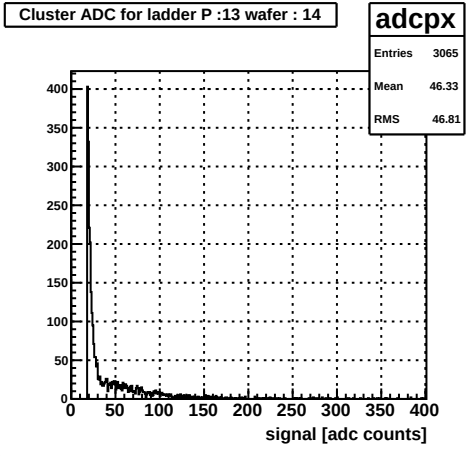

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 140
Mean 51.62
RMS 26.03
signal [adc counts]

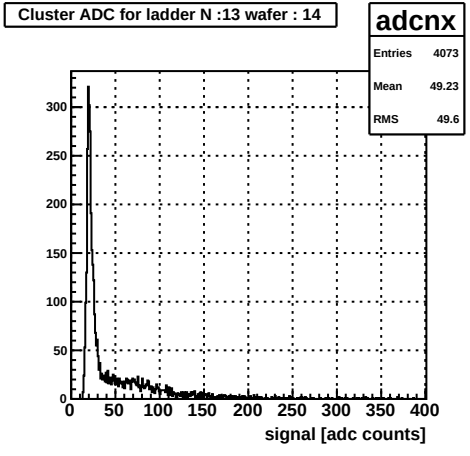

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2296
Mean 70.49
RMS 60.11
signal [adc counts]

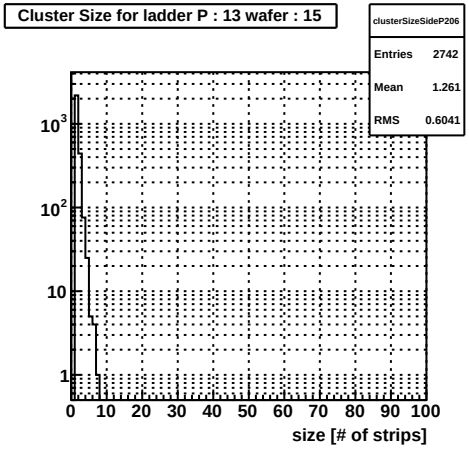

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 3065
Mean 1.229
RMS 0.6129
size [# of strips]

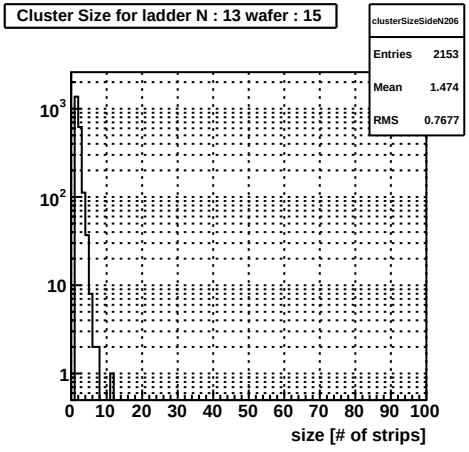

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4073
Mean 1.33
RMS 0.7593
size [# of strips]

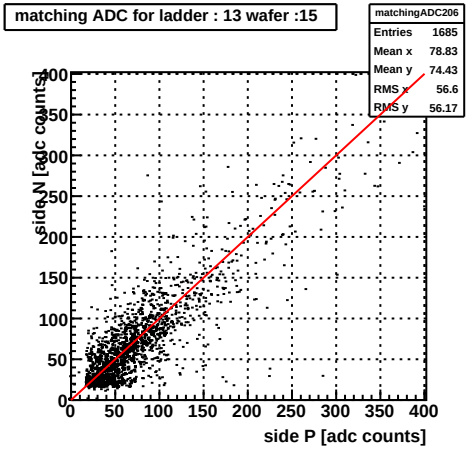

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1138
Mean x 78.14
Mean y 80.69
RMS x 54.43
RMS y 50.45
side N [adc counts]
side P [adc counts]

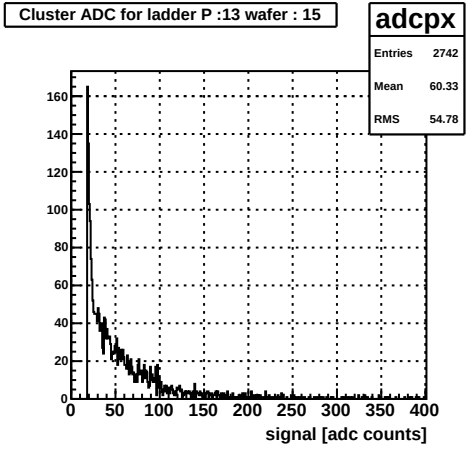

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 3065
Mean 46.33
RMS 46.81
signal [adc counts]

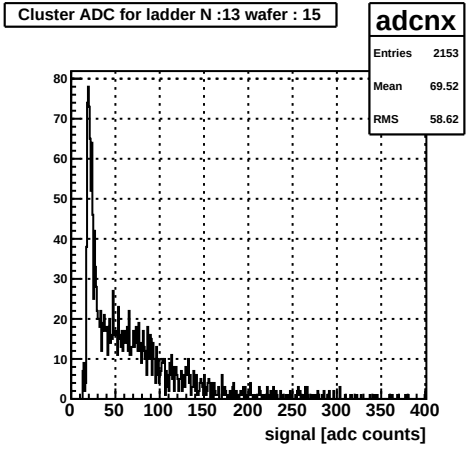

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4073
Mean 49.23
RMS 49.6
signal [adc counts]

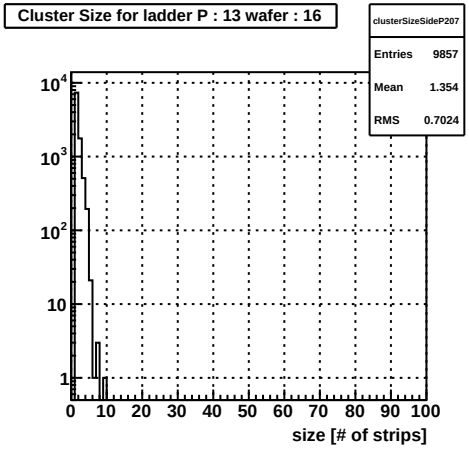

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2742
Mean 1.261
RMS 0.6041
size [# of strips]

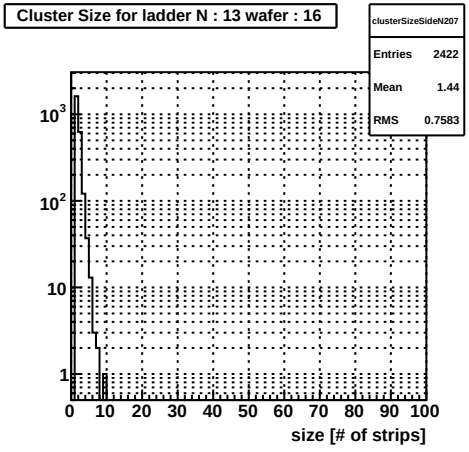

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2153
Mean 1.474
RMS 0.7677
size [# of strips]

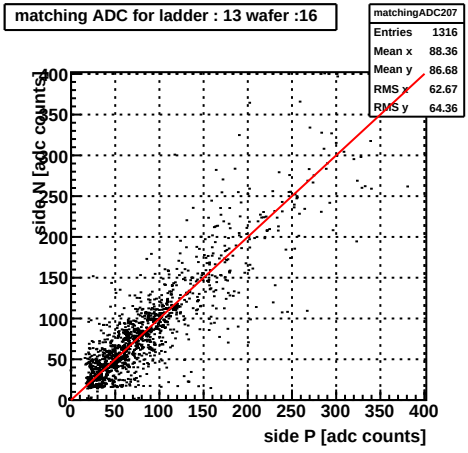

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1685
Mean x 78.83
Mean y 74.43
RMS x 56.6
RMS y 56.17
side N [adc counts]
side P [adc counts]

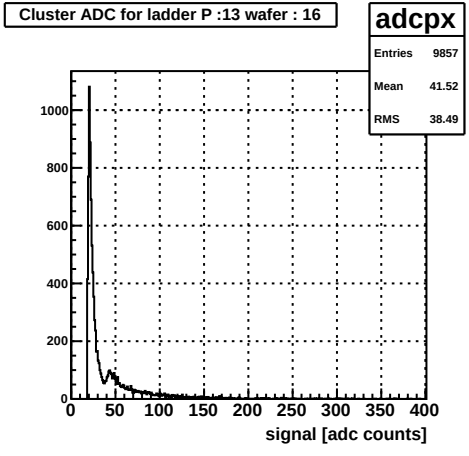

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2742
Mean 60.33
RMS 54.78
signal [adc counts]

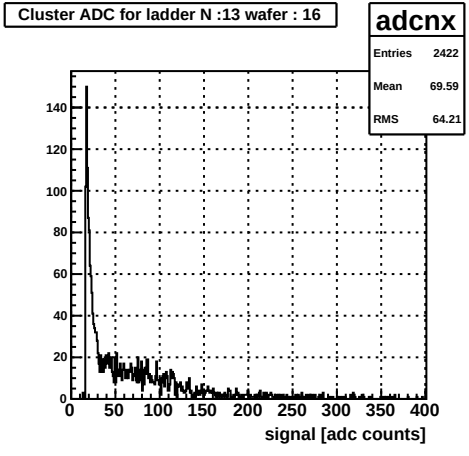

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2153
Mean 69.52
RMS 58.62
signal [adc counts]

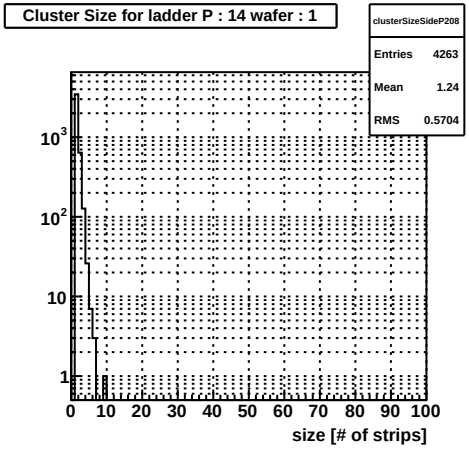

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 9857
Mean 1.354
RMS 0.7024
size [# of strips]

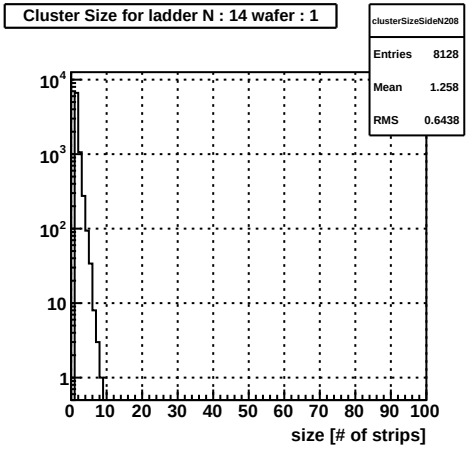

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2422
Mean 1.44
RMS 0.7583
size [# of strips]

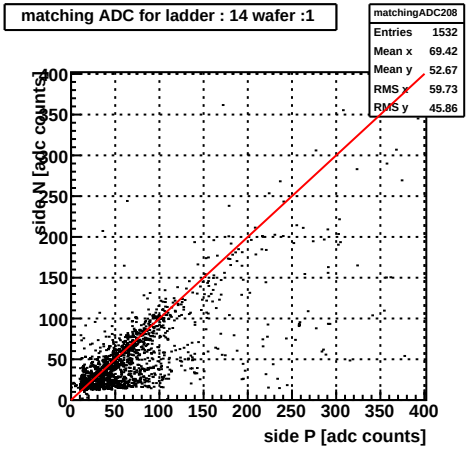

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1316
Mean x 88.36
Mean y 86.68
RMS x 62.67
RMS y 64.36
side N [adc counts]
side P [adc counts]

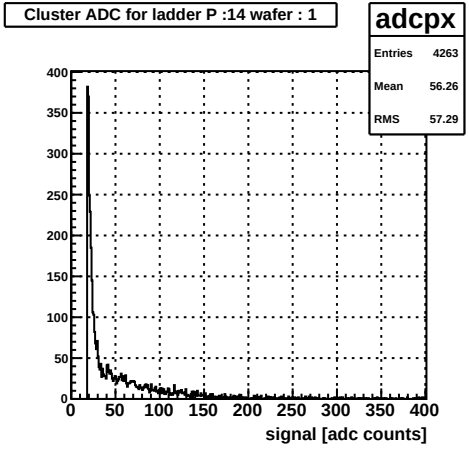

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 9857
Mean 41.52
RMS 38.49
signal [adc counts]

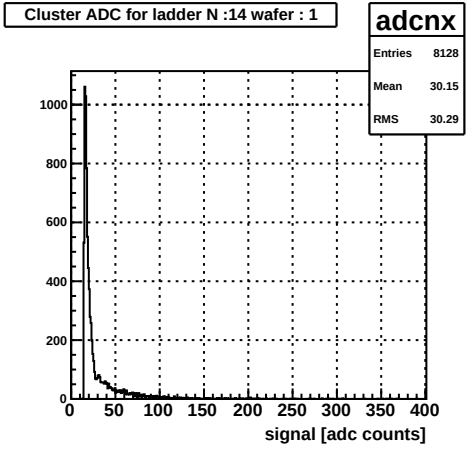

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2422
Mean 69.59
RMS 64.21
signal [adc counts]

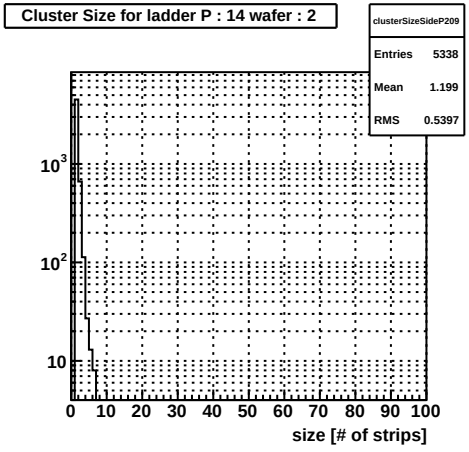

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4263
Mean 1.24
RMS 0.5704
size [# of strips]

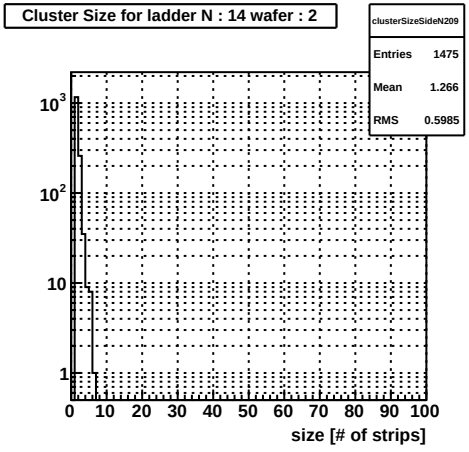

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8128
Mean 1.258
RMS 0.6438
size [# of strips]

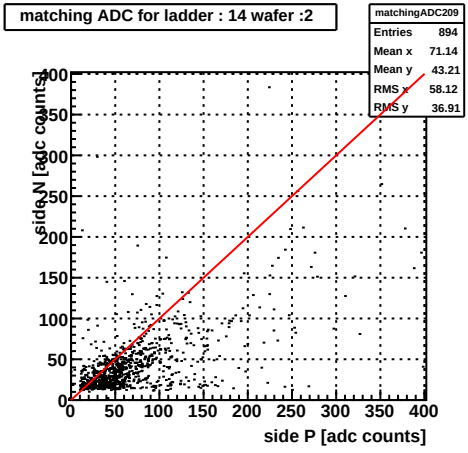

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1532
Mean x 69.42
Mean y 52.67
RMS x 59.73
RMS y 45.86
side N [adc counts]
side P [adc counts]

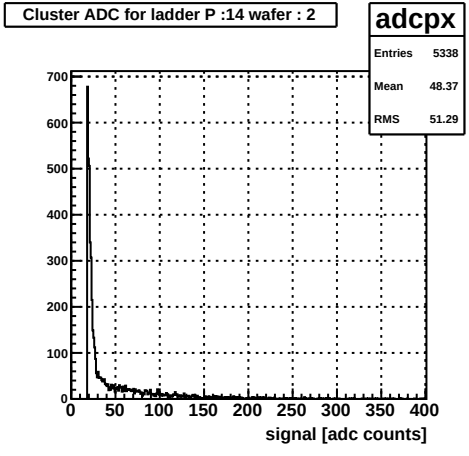

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4263
Mean 56.26
RMS 57.29
signal [adc counts]

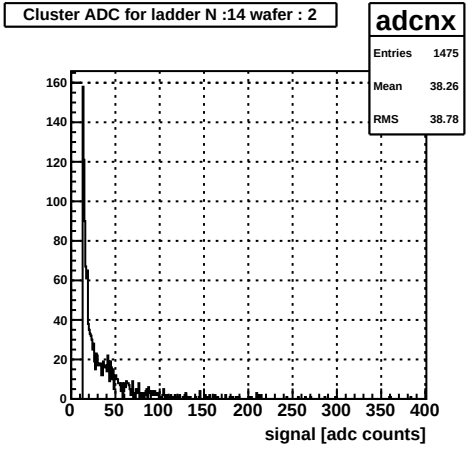

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8128
Mean 30.15
RMS 30.29
signal [adc counts]

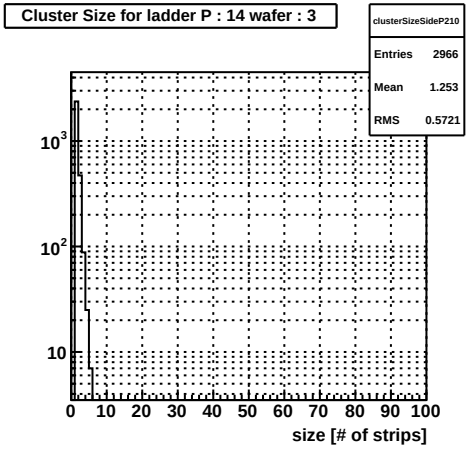

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5338
Mean 1.199
RMS 0.5397
size [# of strips]

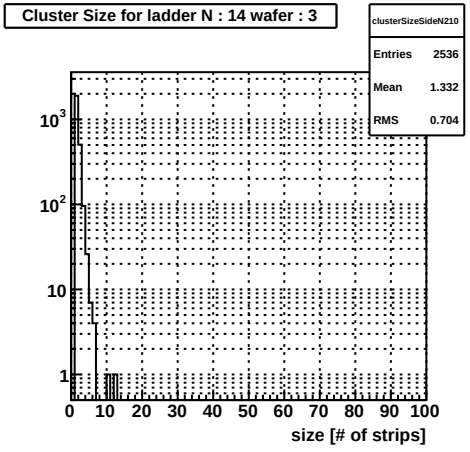

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1475
Mean 1.266
RMS 0.5985
size [# of strips]

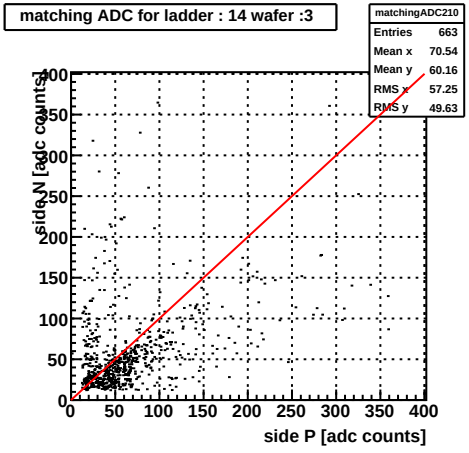

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 894
Mean x 71.14
Mean y 43.21
RMS x 58.12
RMS y 36.91
side N [adc counts]
side P [adc counts]

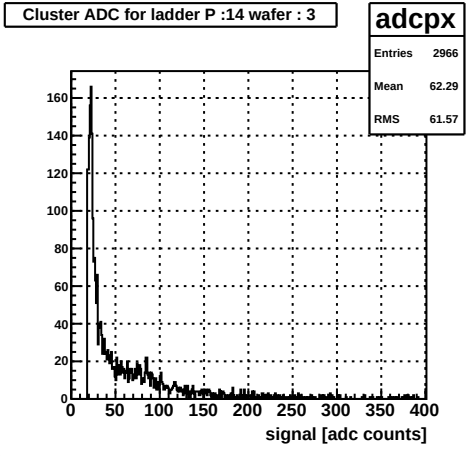

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5338
Mean 48.37
RMS 51.29
signal [adc counts]

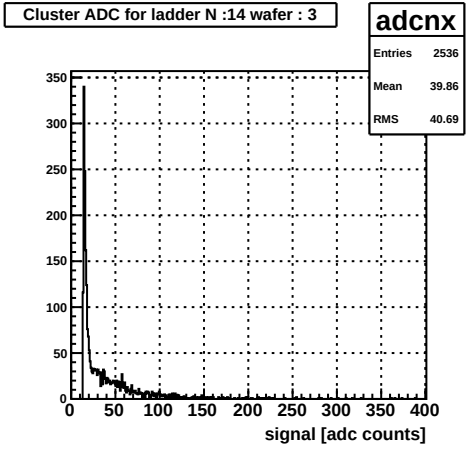

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1475
Mean 38.26
RMS 38.78
signal [adc counts]

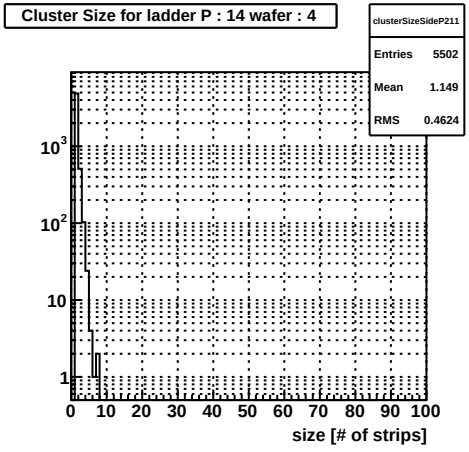

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2966
Mean 1.253
RMS 0.5721
size [# of strips]

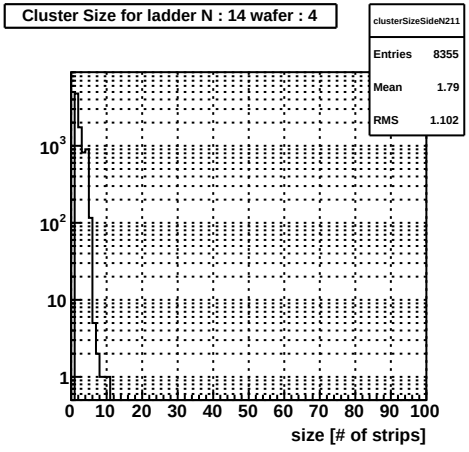

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2536
Mean 1.332
RMS 0.704
size [# of strips]

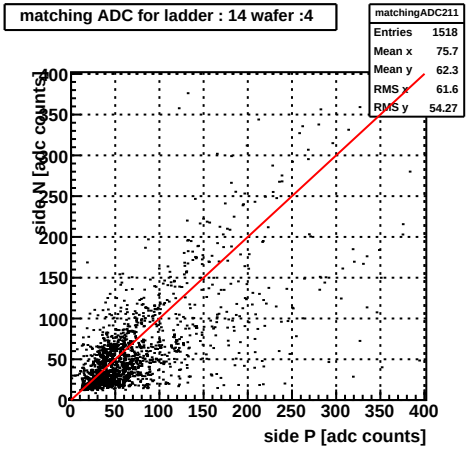

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 663
Mean x 70.54
Mean y 60.16
RMS x 57.25
RMS y 49.63
side N [adc counts]
side P [adc counts]

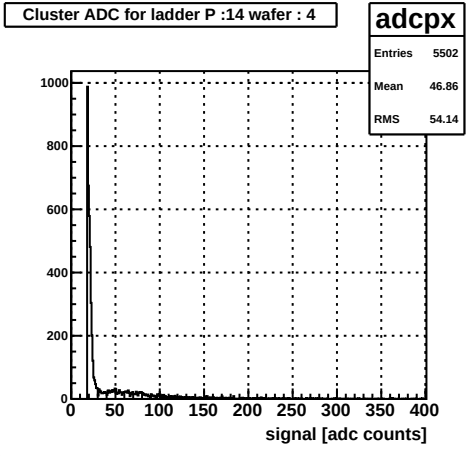

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2966
Mean 62.29
RMS 61.57
signal [adc counts]

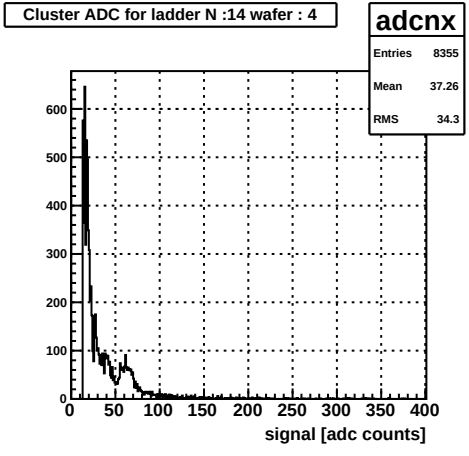

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2536
Mean 39.86
RMS 40.69
signal [adc counts]

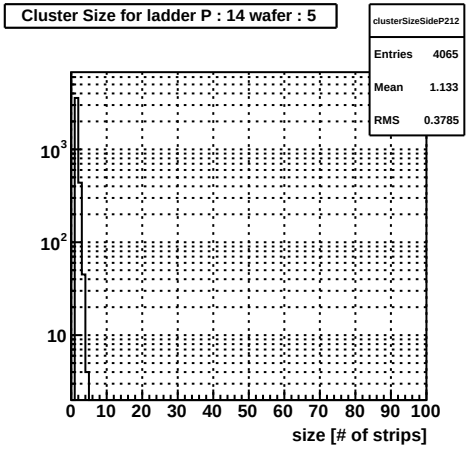

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5502
Mean 1.149
RMS 0.4624
size [# of strips]

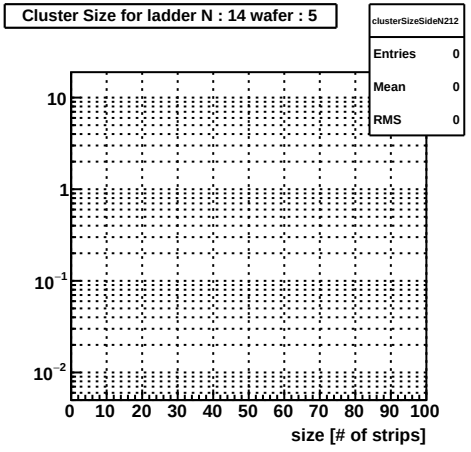

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 8355
Mean 1.79
RMS 1.102
size [# of strips]

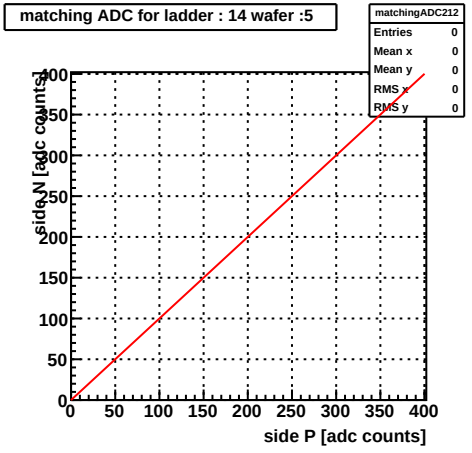

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1518
Mean x 75.7
Mean y 62.3
RMS x 61.6
RMS y 54.27
side N [adc counts]
side P [adc counts]

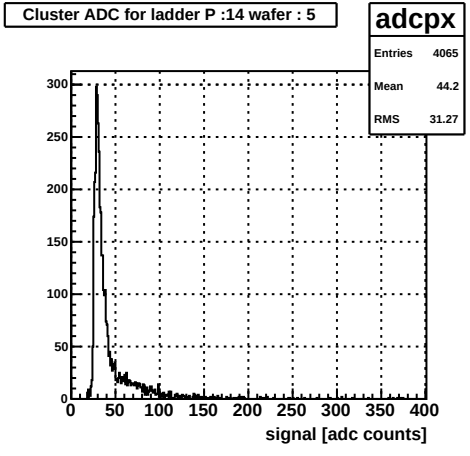

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5502
Mean 46.86
RMS 54.14
signal [adc counts]

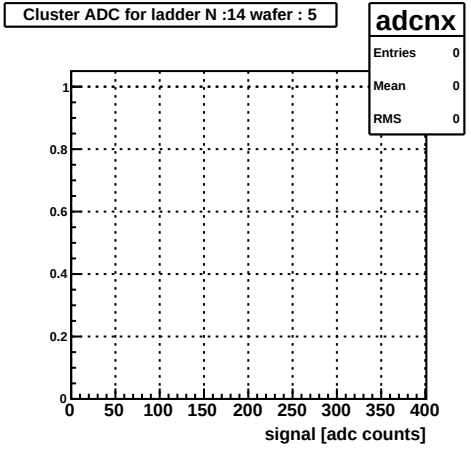

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 8355
Mean 37.26
RMS 34.3
signal [adc counts]

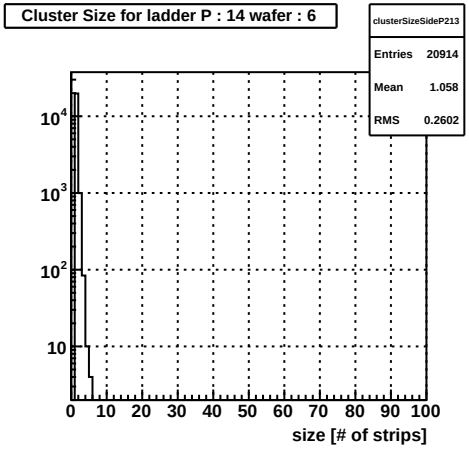

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4065
Mean 1.133
RMS 0.3785
size [# of strips]

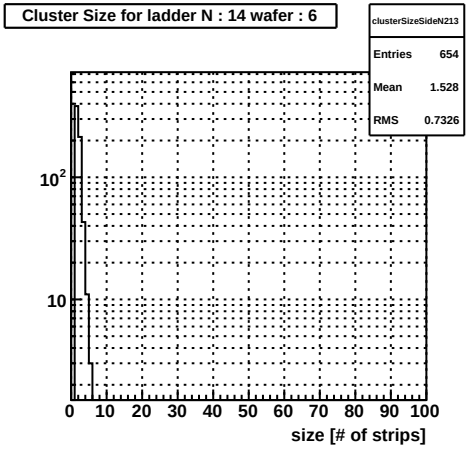

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

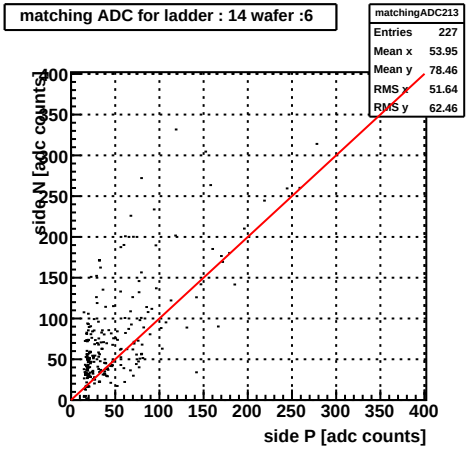

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

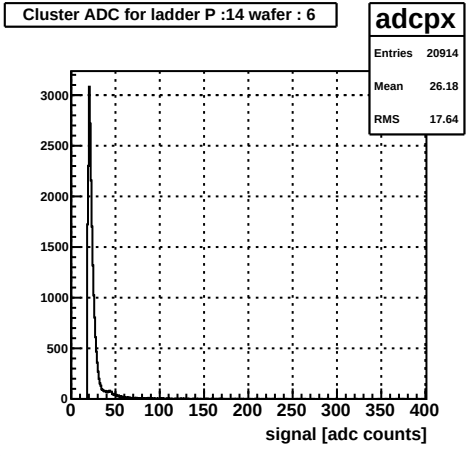

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4065
Mean 44.2
RMS 31.27
signal [adc counts]

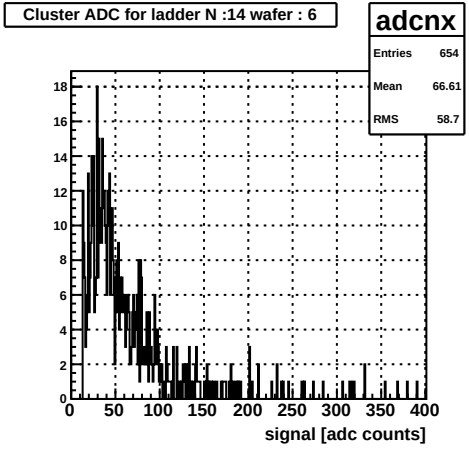

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

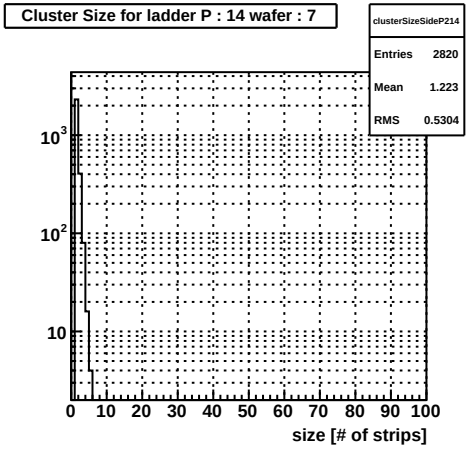

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 20914
Mean 1.058
RMS 0.2602
size [# of strips]

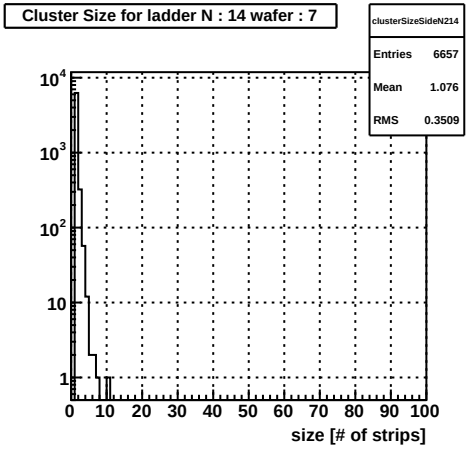

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 654
Mean 1.528
RMS 0.7326
size [# of strips]

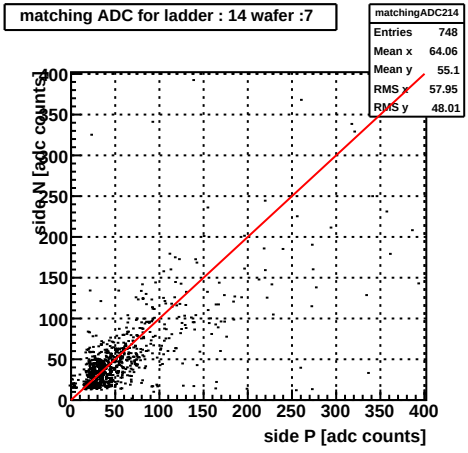

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 227
Mean x 53.95
Mean y 78.46
RMS x 51.64
RMS y 62.46
side N [adc counts]
side P [adc counts]

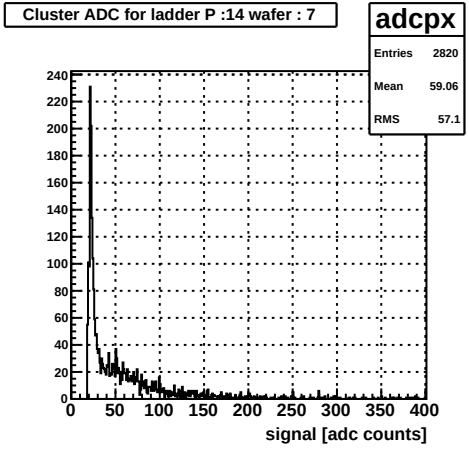

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 20914
Mean 26.18
RMS 17.64
signal [adc counts]

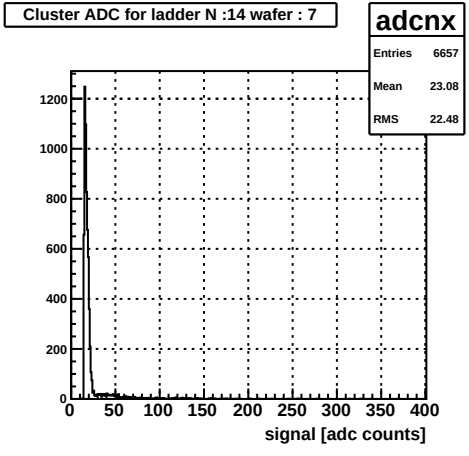

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 654
Mean 66.61
RMS 58.7
signal [adc counts]

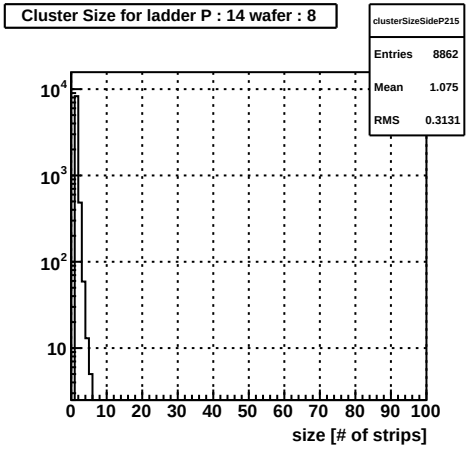

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2820
Mean 1.223
RMS 0.5304
size [# of strips]

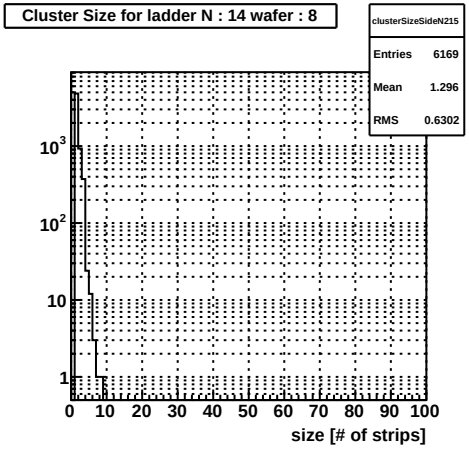

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6657
Mean 1.076
RMS 0.3509
size [# of strips]

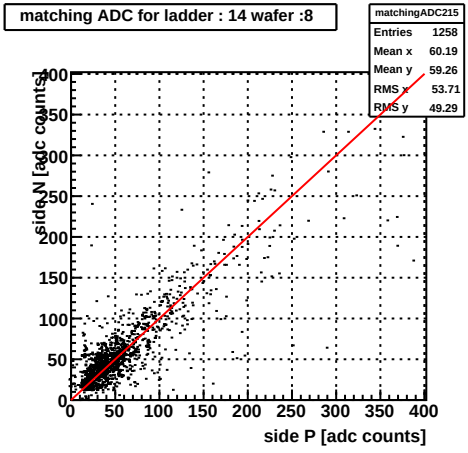

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 748
Mean x 64.06
Mean y 55.1
RMS x 57.95
RMS y 48.01
side N [adc counts]
side P [adc counts]

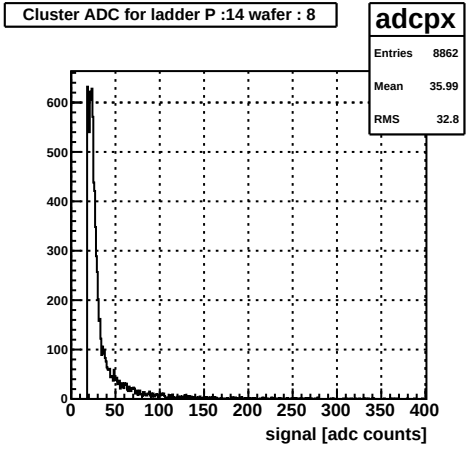

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2820
Mean 59.06
RMS 57.1
signal [adc counts]

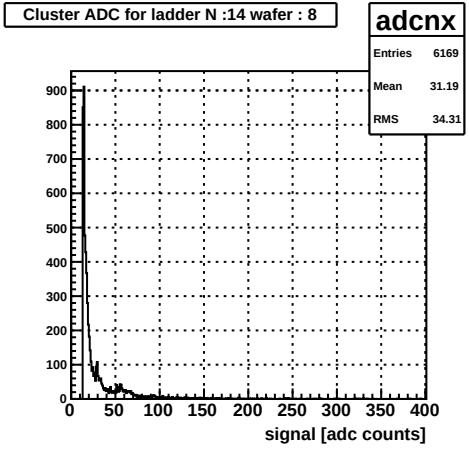

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6657
Mean 23.08
RMS 22.48
signal [adc counts]

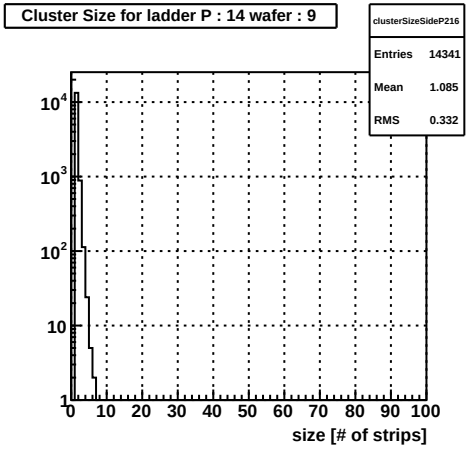

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 8862
Mean 1.075
RMS 0.3131
size [# of strips]

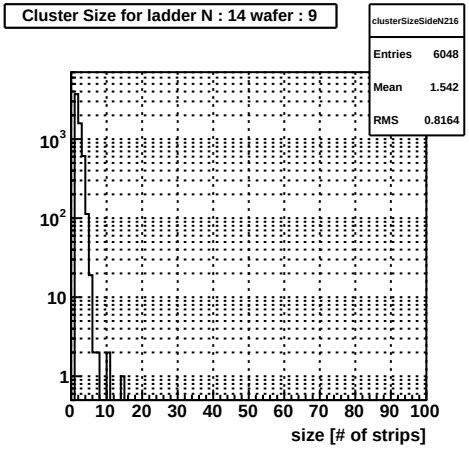

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 6169
Mean 1.296
RMS 0.6302
size [# of strips]

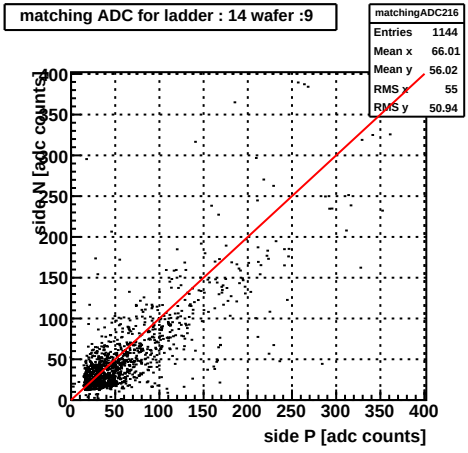

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1258
Mean x 60.19
Mean y 59.26
RMS x 53.71
RMS y 49.29
side N [adc counts]
side P [adc counts]

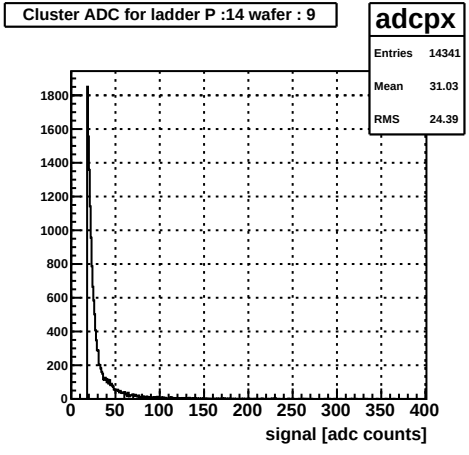

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 8862
Mean 35.99
RMS 32.8
signal [adc counts]

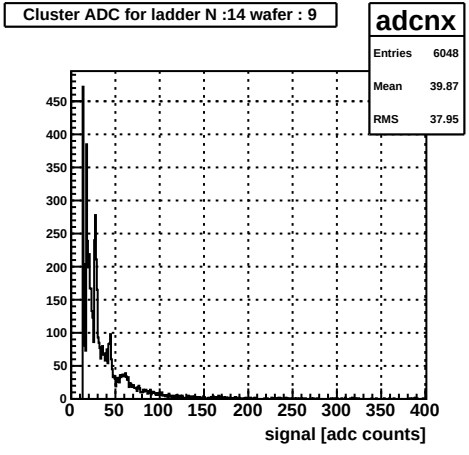

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 6169
Mean 31.19
RMS 34.31
signal [adc counts]

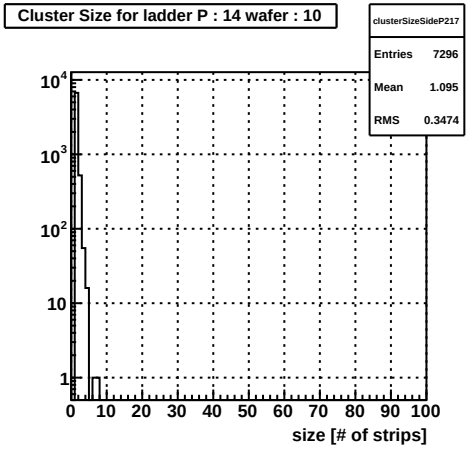

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 14341
Mean 1.085
RMS 0.332
size [# of strips]

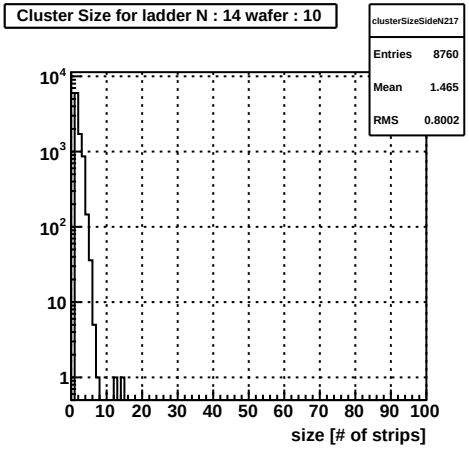

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6048
Mean 1.542
RMS 0.8164
size [# of strips]

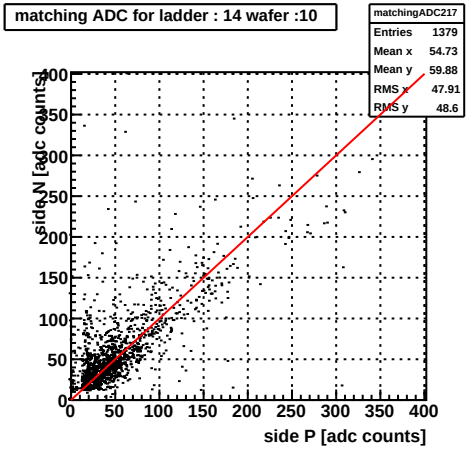

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1144
Mean x 66.01
Mean y 56.02
RMS x 55
RMS y 50.94
side N [adc counts]
side P [adc counts]

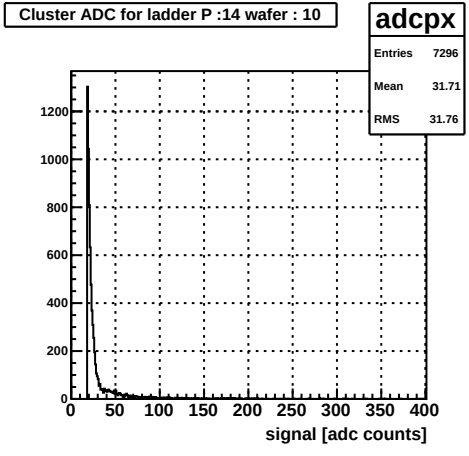

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 14341
Mean 31.03
RMS 24.39
signal [adc counts]

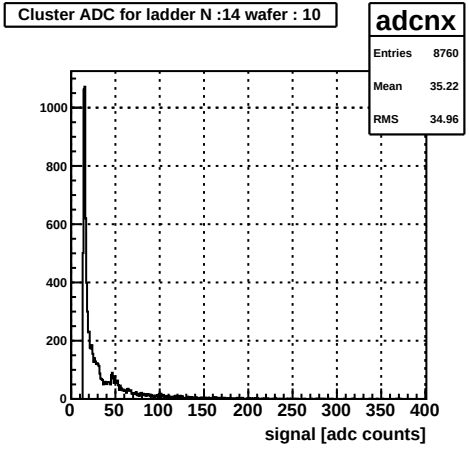

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6048
Mean 39.87
RMS 37.95
signal [adc counts]

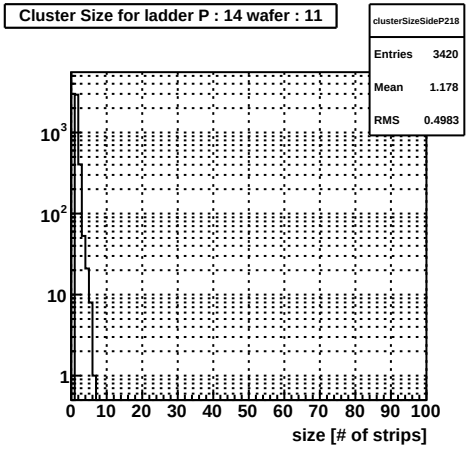

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7296
Mean 1.095
RMS 0.3474
size [# of strips]

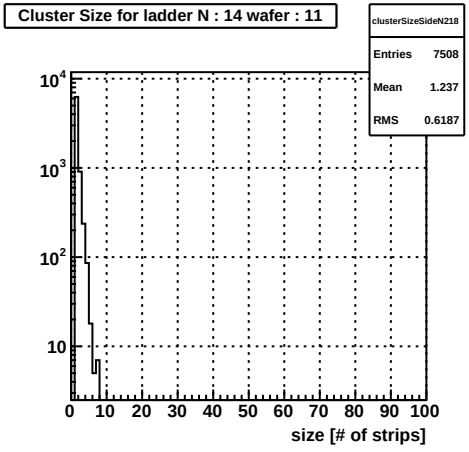

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8760
Mean 1.465
RMS 0.8002
size [# of strips]

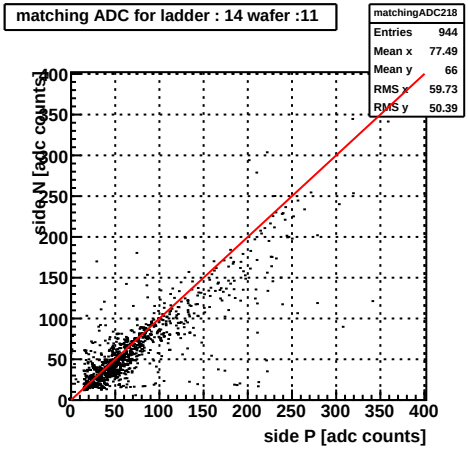

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1379
Mean x 54.73
Mean y 59.88
RMS x 47.91
RMS y 48.6
side N [adc counts]
side P [adc counts]

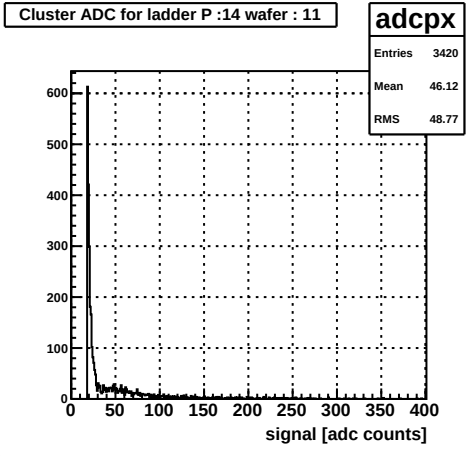

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7296
Mean 31.71
RMS 31.76
signal [adc counts]

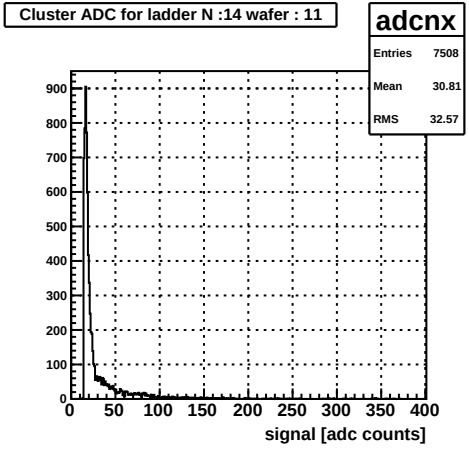

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8760
Mean 35.22
RMS 34.96
signal [adc counts]

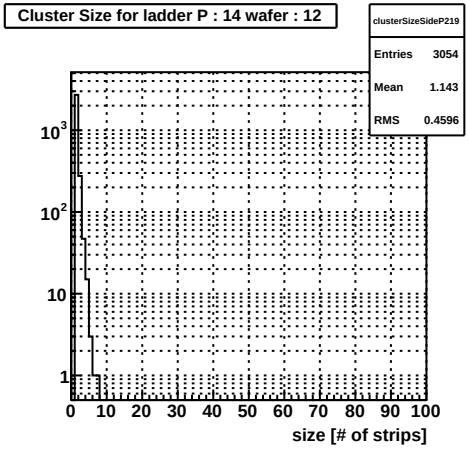

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3420
Mean 1.178
RMS 0.4983
size [# of strips]

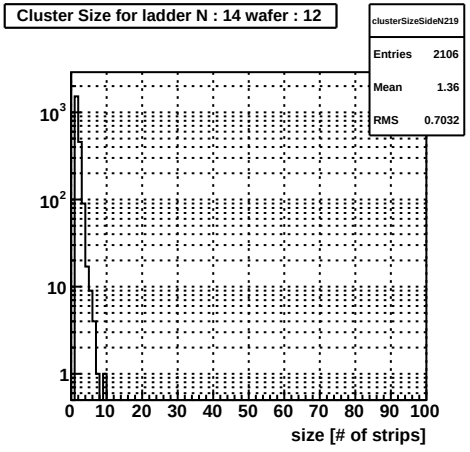

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7508
Mean 1.237
RMS 0.6187
size [# of strips]

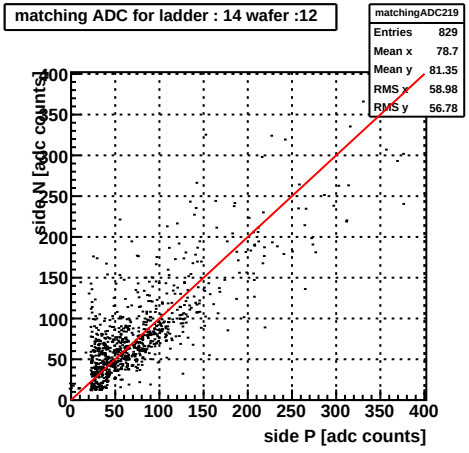

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 944
Mean x 77.49
Mean y 66
RMS x 59.73
RMS y 50.39
side N [adc counts]
side P [adc counts]

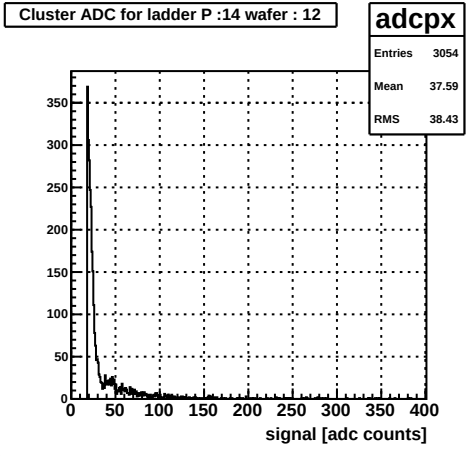

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3420
Mean 46.12
RMS 48.77
signal [adc counts]

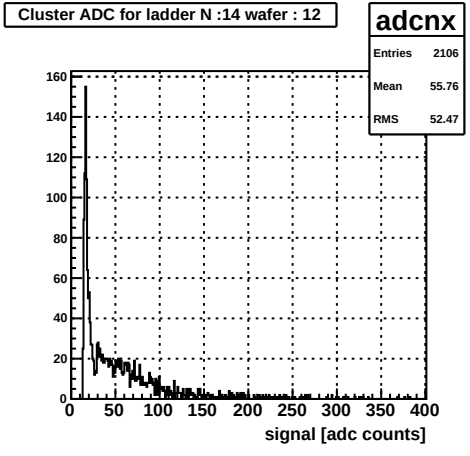

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7508
Mean 30.81
RMS 32.57
signal [adc counts]

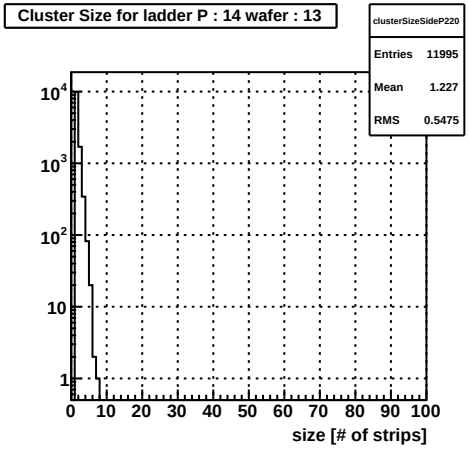

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3054
Mean 1.143
RMS 0.4596
size [# of strips]

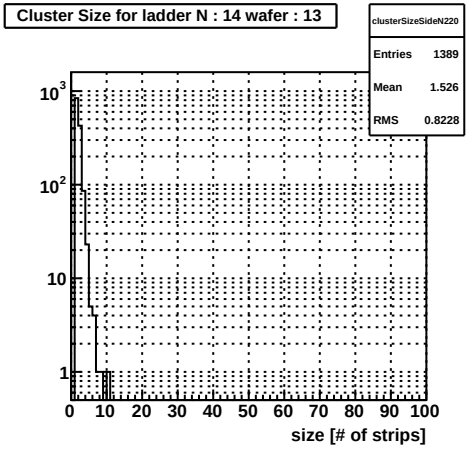

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2106
Mean 1.36
RMS 0.7032
size [# of strips]

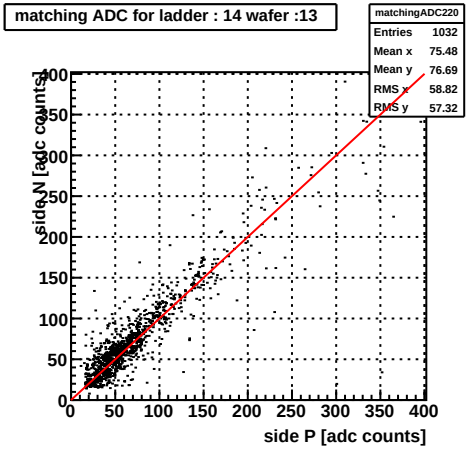

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 829
Mean x 78.7
Mean y 81.35
RMS x 58.98
RMS y 56.78
side N [adc counts]
side P [adc counts]

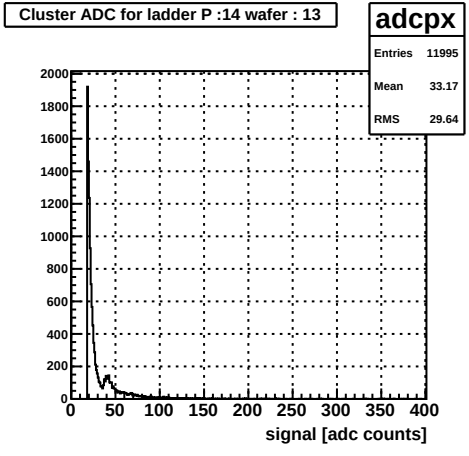

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3054
Mean 37.59
RMS 38.43
signal [adc counts]

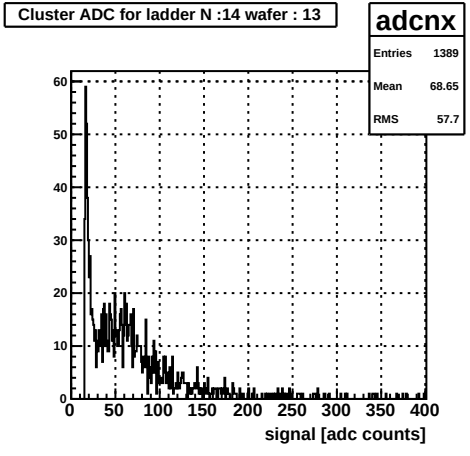

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2106
Mean 55.76
RMS 52.47
signal [adc counts]

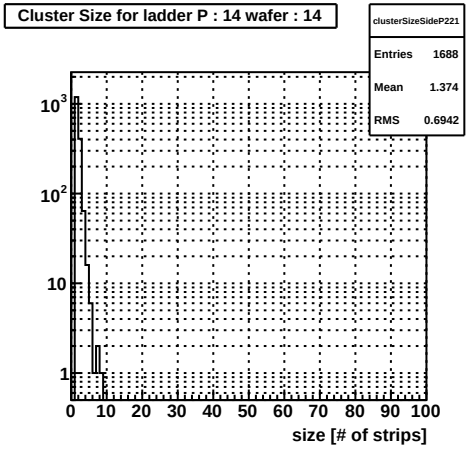

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 11995
Mean 1.227
RMS 0.5475
size [# of strips]

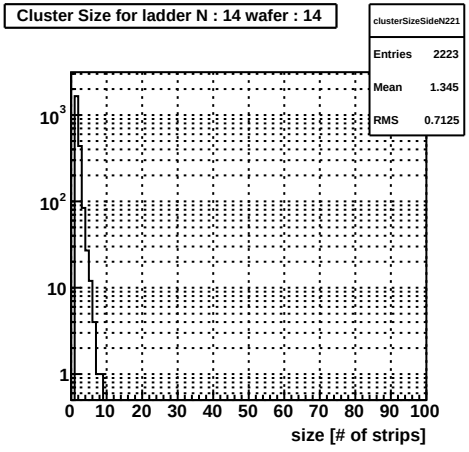

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1389
Mean 1.526
RMS 0.8228
size [# of strips]

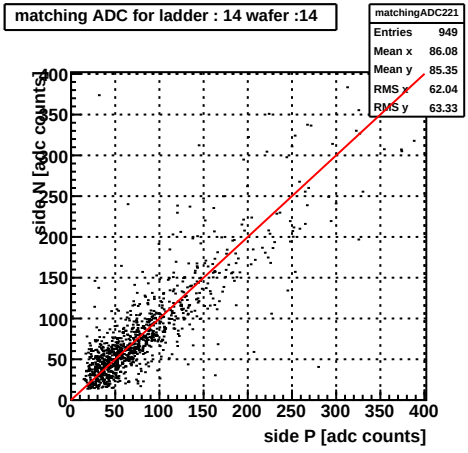

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1032
Mean x 75.48
Mean y 76.69
RMS x 58.82
RMS y 57.32
side N [adc counts]
side P [adc counts]

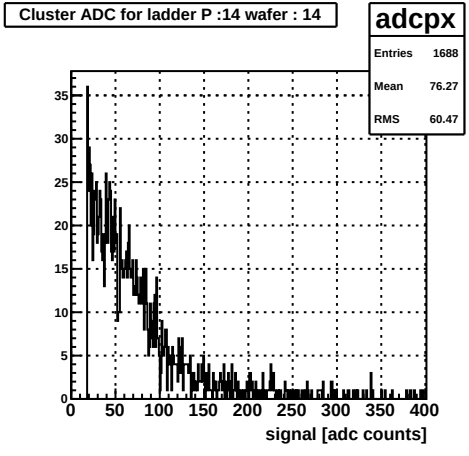

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 11995
Mean 33.17
RMS 29.64
signal [adc counts]

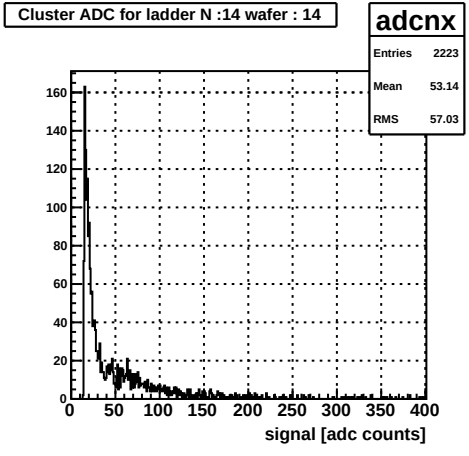

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1389
Mean 68.65
RMS 57.7
signal [adc counts]

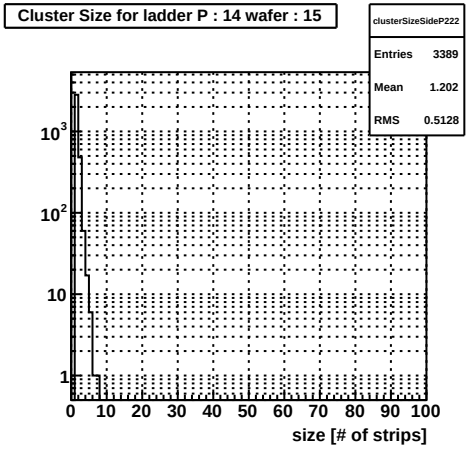

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1688
Mean 1.374
RMS 0.6942
size [# of strips]

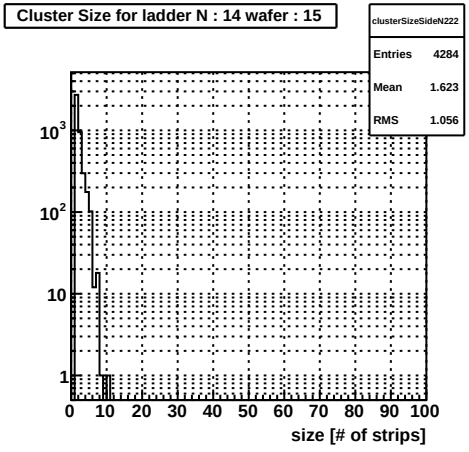

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2223
Mean 1.345
RMS 0.7125
size [# of strips]

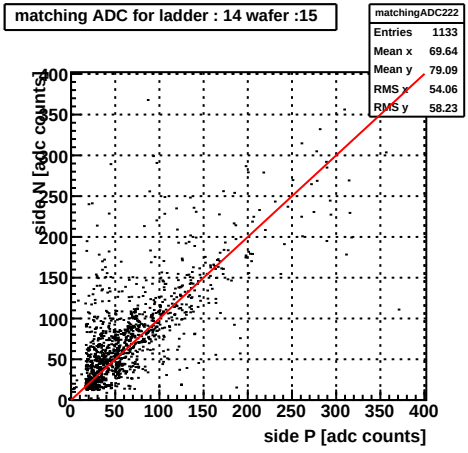

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 949
Mean x 86.08
Mean y 85.35
RMS x 62.04
RMS y 63.33
side N [adc counts]
side P [adc counts]

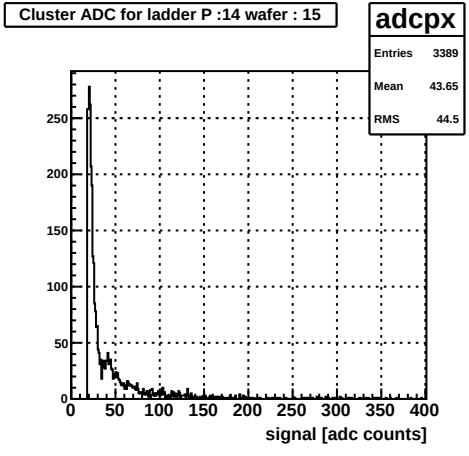

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1688
Mean 76.27
RMS 60.47
signal [adc counts]

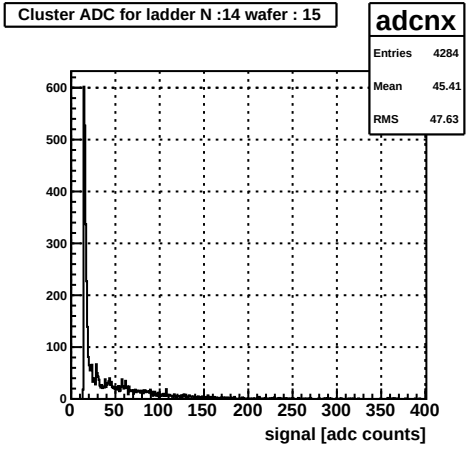

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2223
Mean 53.14
RMS 57.03
signal [adc counts]

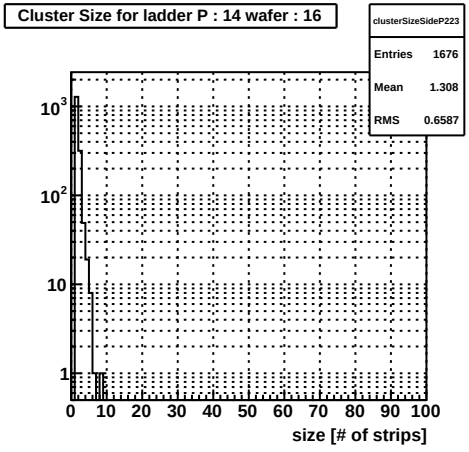

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3389
Mean 1.202
RMS 0.5128
size [# of strips]

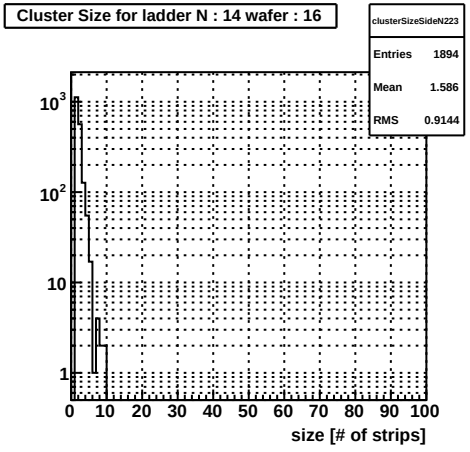

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4284
Mean 1.623
RMS 1.056
size [# of strips]

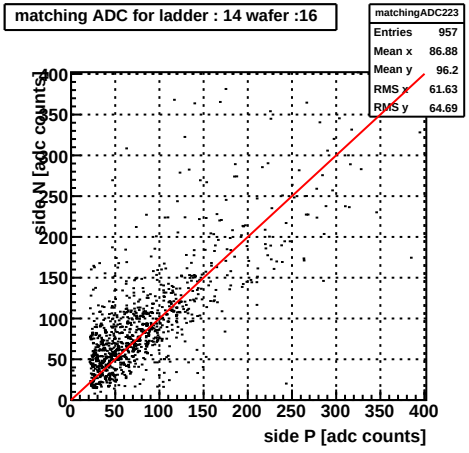

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1133
Mean x 69.64
Mean y 79.09
RMS x 54.06
RMS y 58.23
side N [adc counts]
side P [adc counts]

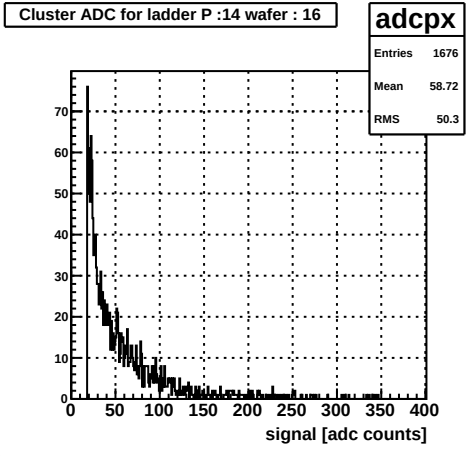

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3389
Mean 43.65
RMS 44.5
signal [adc counts]

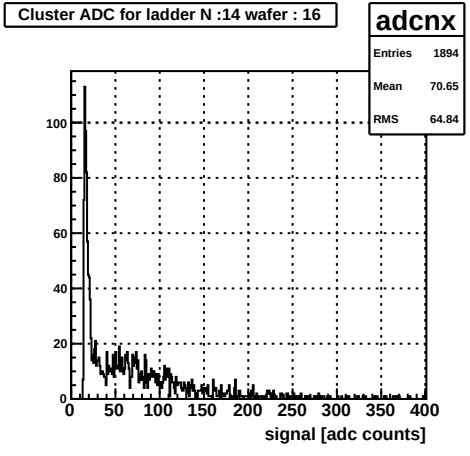

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4284
Mean 45.41
RMS 47.63
signal [adc counts]

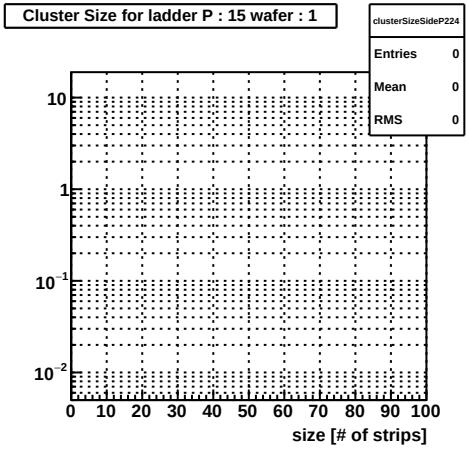

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1676
Mean 1.308
RMS 0.6587
size [# of strips]

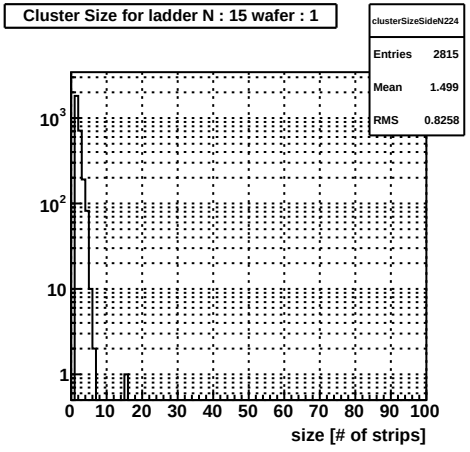

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1894
Mean 1.586
RMS 0.9144
size [# of strips]

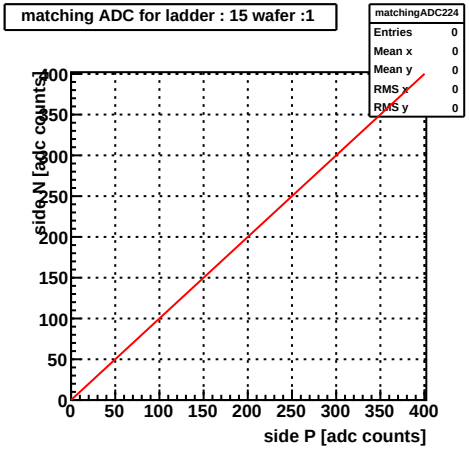

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 957
Mean x 86.88
Mean y 96.2
RMS x 61.63
RMS y 64.69
side N [adc counts]
side P [adc counts]

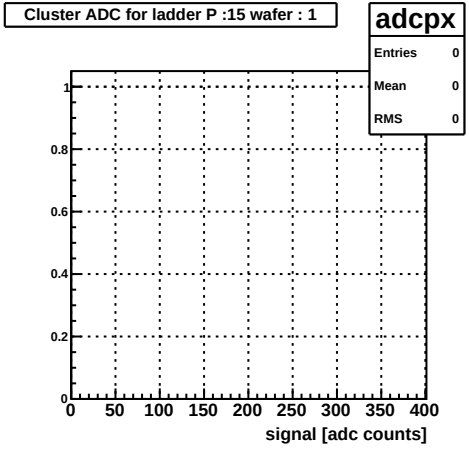

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1676
Mean 58.72
RMS 50.3
signal [adc counts]

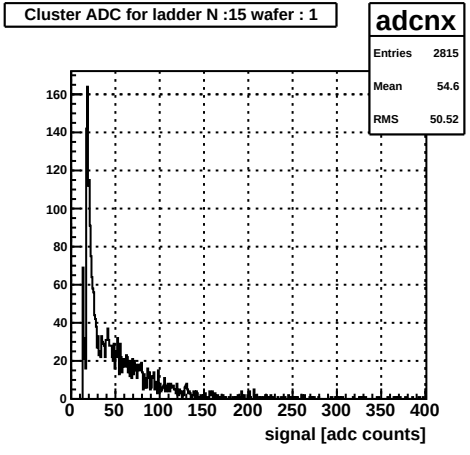

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1894
Mean 70.65
RMS 64.84
signal [adc counts]

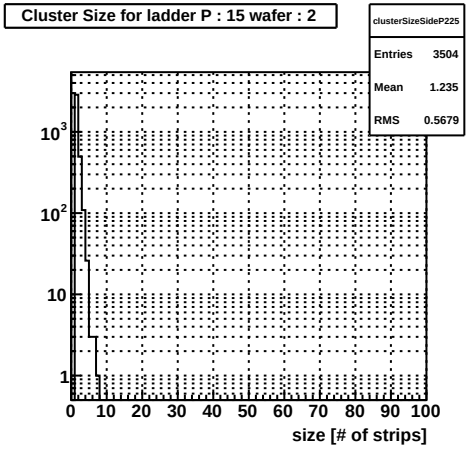

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

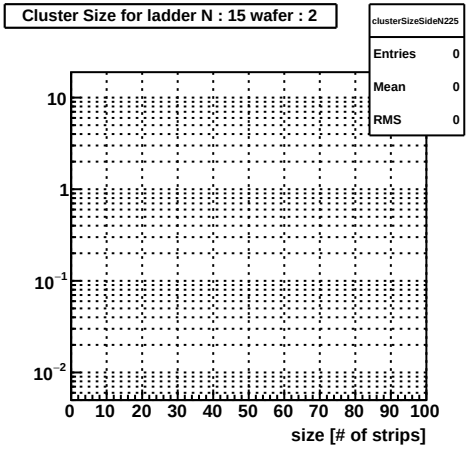

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2815
Mean 1.499
RMS 0.8258
size [# of strips]

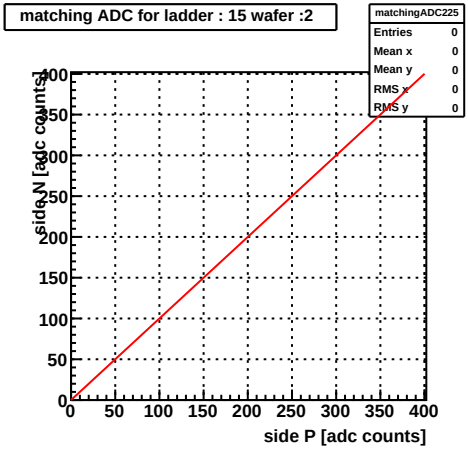

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

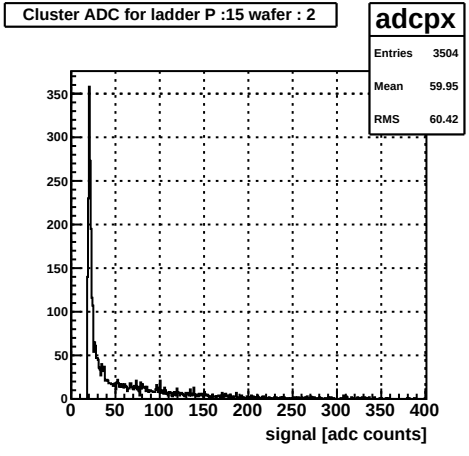

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

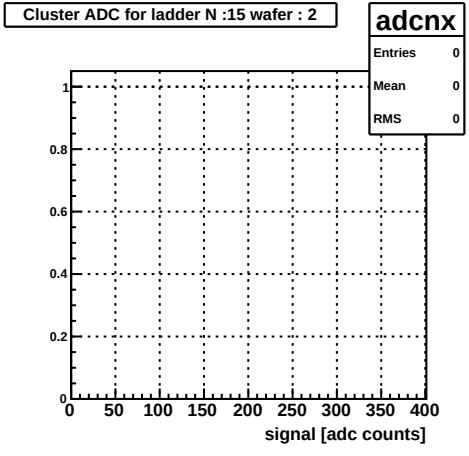

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2815
Mean 54.6
RMS 50.52
signal [adc counts]

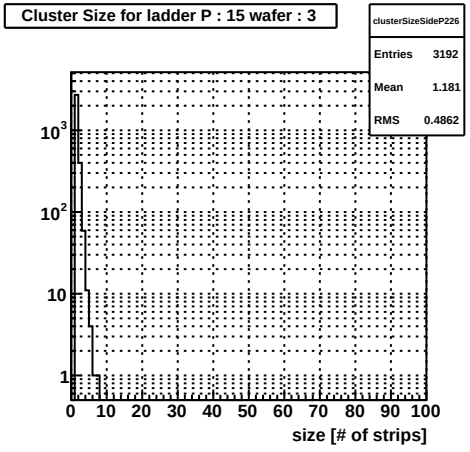

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3504
Mean 1.235
RMS 0.5679
size [# of strips]

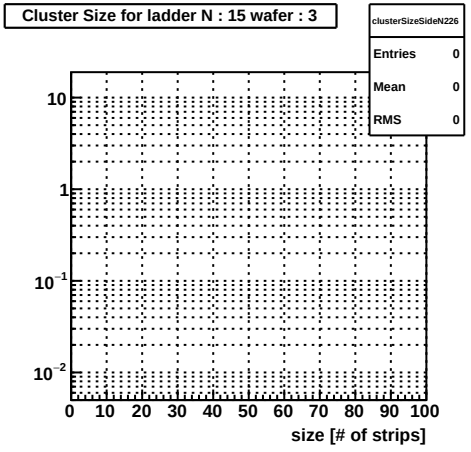

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

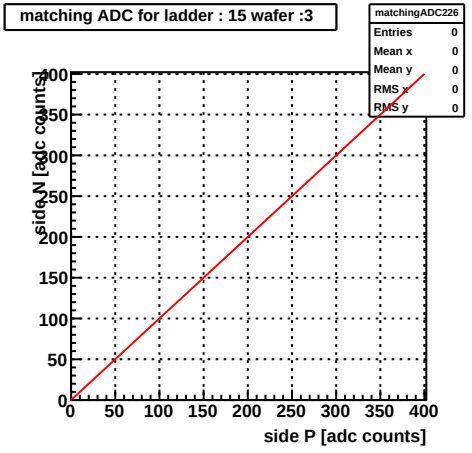

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

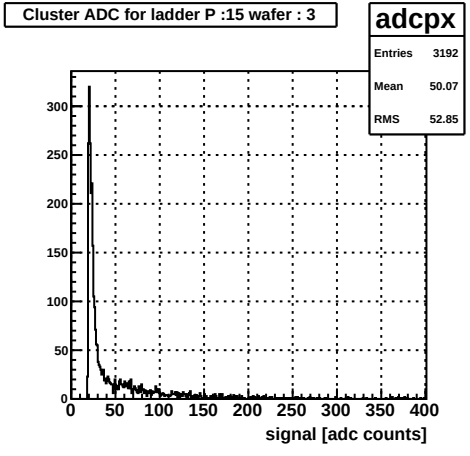

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3504
Mean 59.95
RMS 60.42
signal [adc counts]

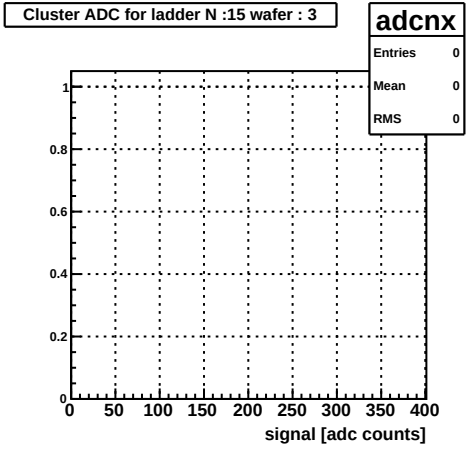

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

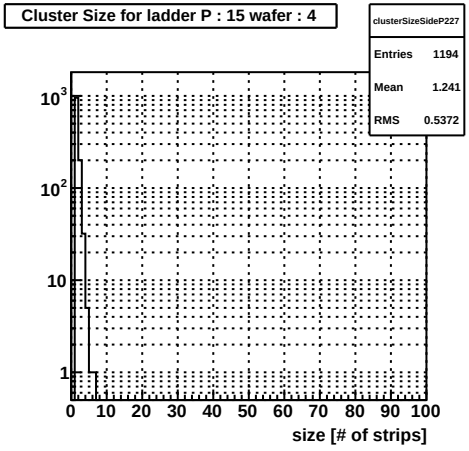

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 3192
Mean 1.181
RMS 0.4862
size [# of strips]

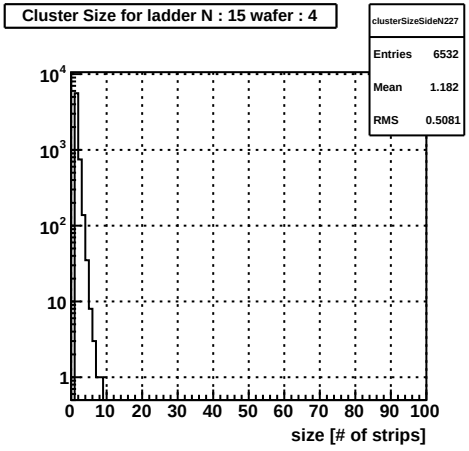

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

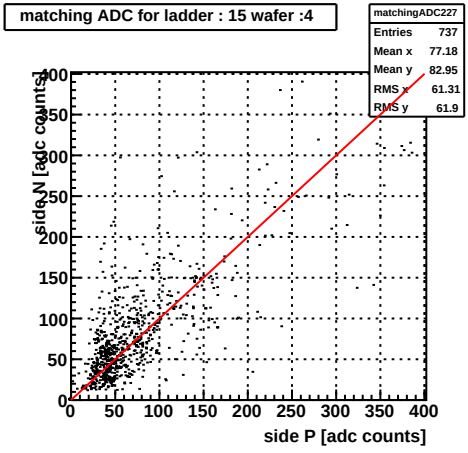

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

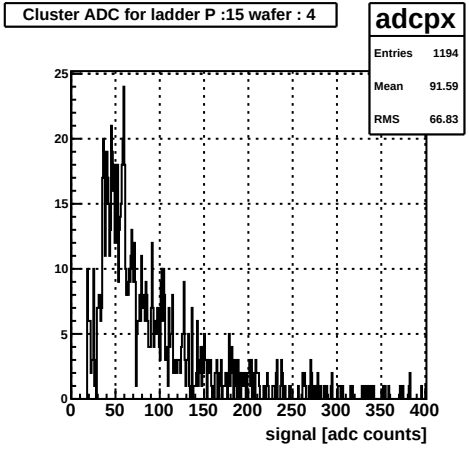

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 3192
Mean 50.07
RMS 52.85
signal [adc counts]

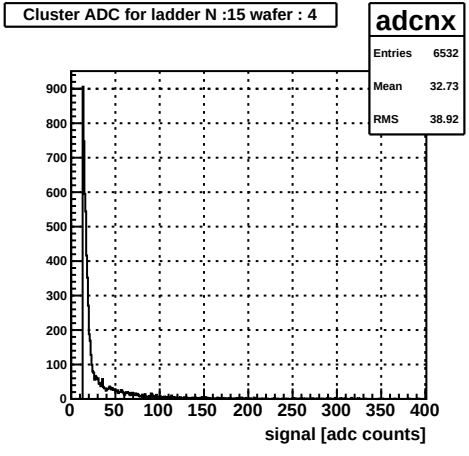

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

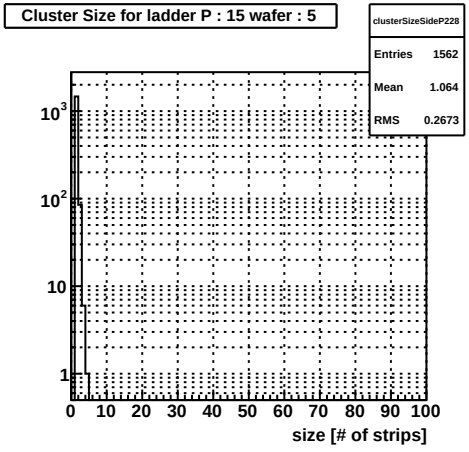

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1194
Mean 1.241
RMS 0.5372
size [# of strips]

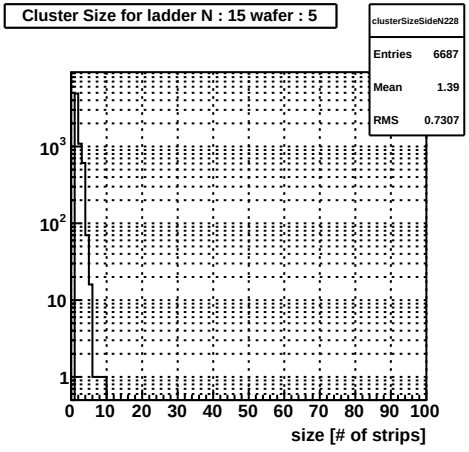

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6532
Mean 1.182
RMS 0.5081
size [# of strips]

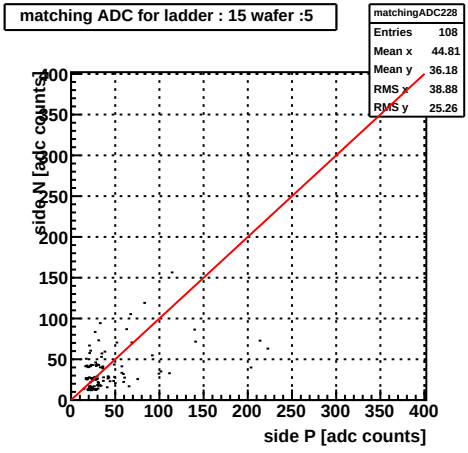

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 737
Mean x 77.18
Mean y 82.95
RMS x 61.31
RMS y 61.9
side N [adc counts]
side P [adc counts]

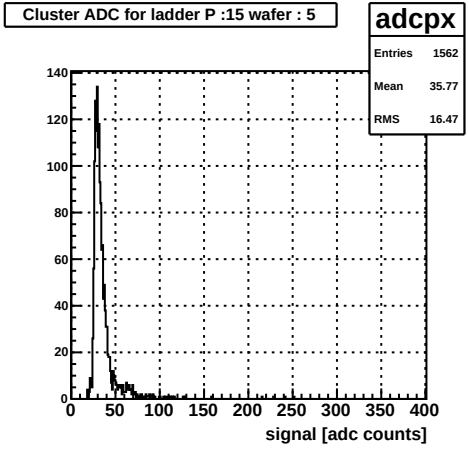

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1194
Mean 91.59
RMS 66.83
signal [adc counts]

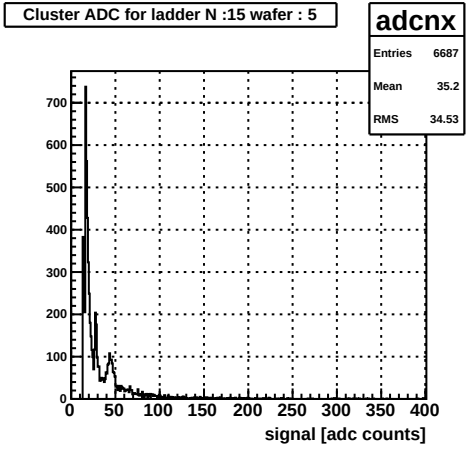

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6532
Mean 32.73
RMS 38.92
signal [adc counts]

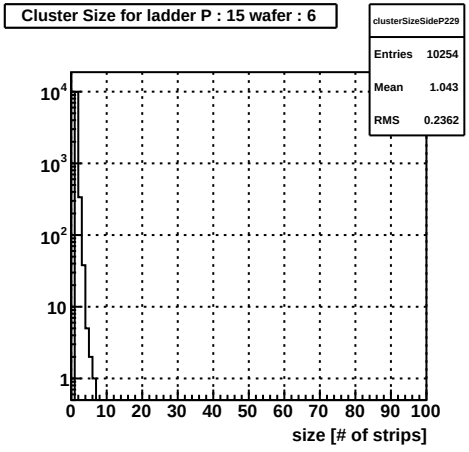

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1562
Mean 1.064
RMS 0.2673
size [# of strips]

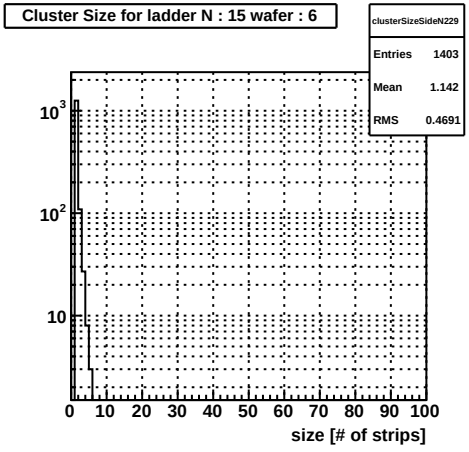

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6687
Mean 1.39
RMS 0.7307
size [# of strips]

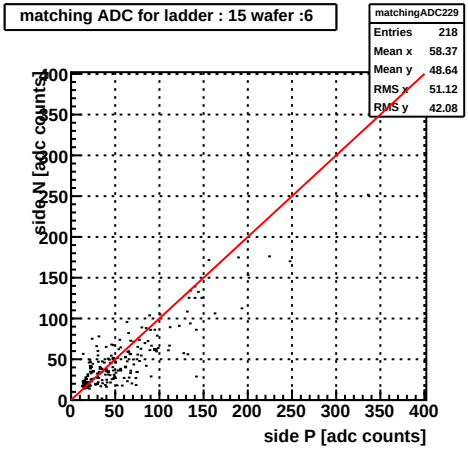

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 108
Mean x 44.81
Mean y 36.18
RMS x 38.88
RMS y 25.26
side N [adc counts]
side P [adc counts]

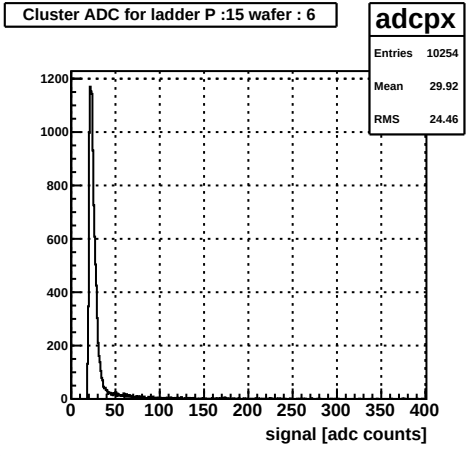

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1562
Mean 35.77
RMS 16.47
signal [adc counts]

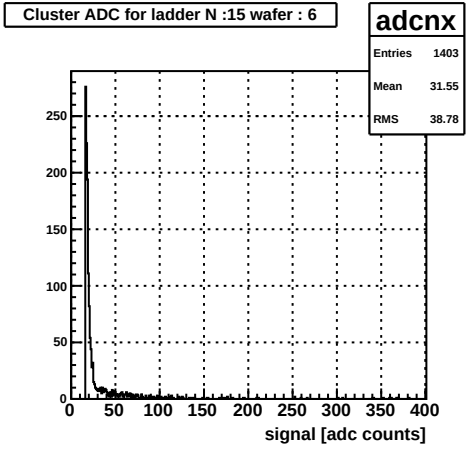

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6687
Mean 35.2
RMS 34.53
signal [adc counts]

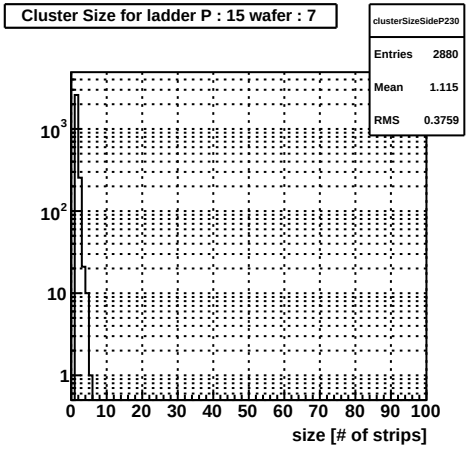

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10254
Mean 1.043
RMS 0.2362
size [# of strips]

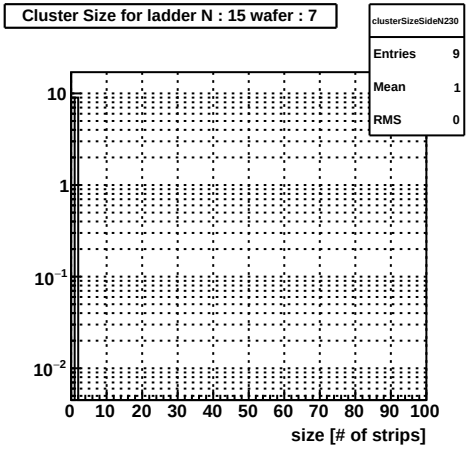

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1403
Mean 1.142
RMS 0.4691
size [# of strips]

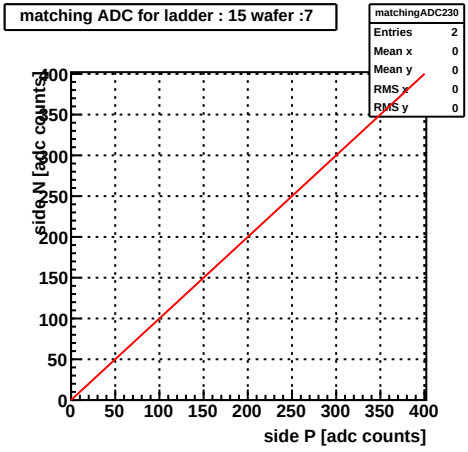

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 218
Mean x 58.37
Mean y 48.64
RMS x 51.12
RMS y 42.08
side N [adc counts]
side P [adc counts]

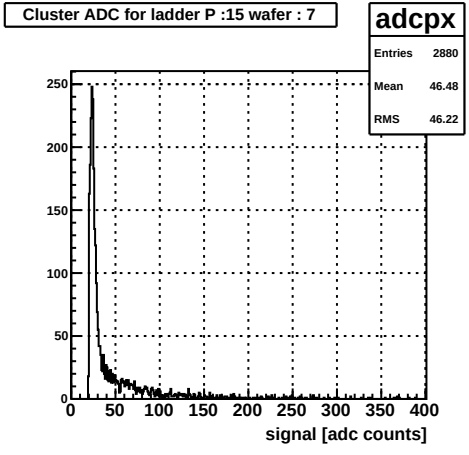

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10254
Mean 29.92
RMS 24.46
signal [adc counts]

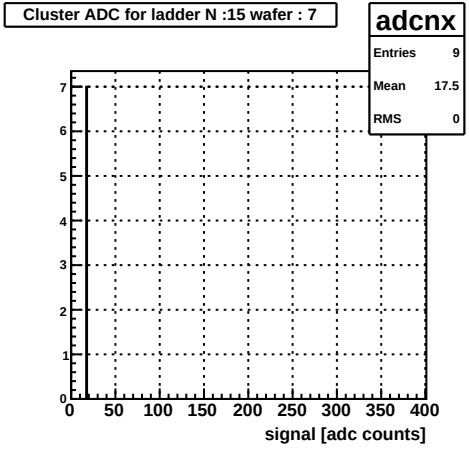

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1403
Mean 31.55
RMS 38.78
signal [adc counts]

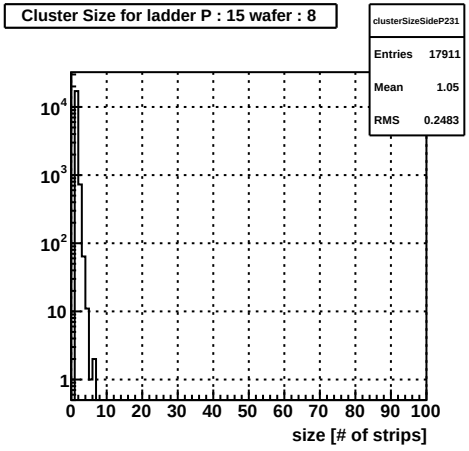

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2880
Mean 1.115
RMS 0.3759
size [# of strips]

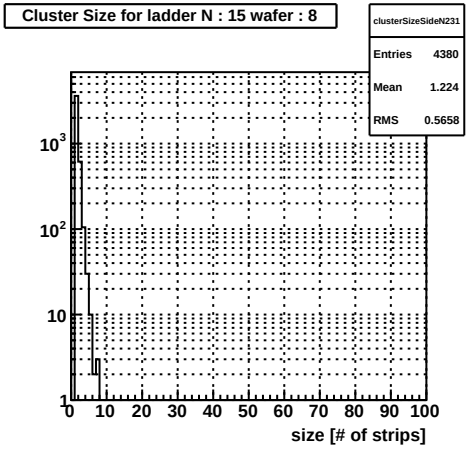

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 9
Mean 1
RMS 0
size [# of strips]

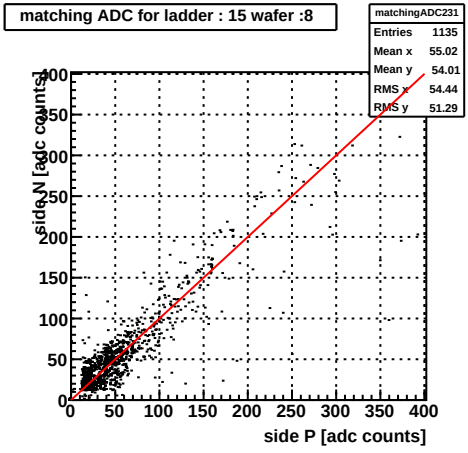

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

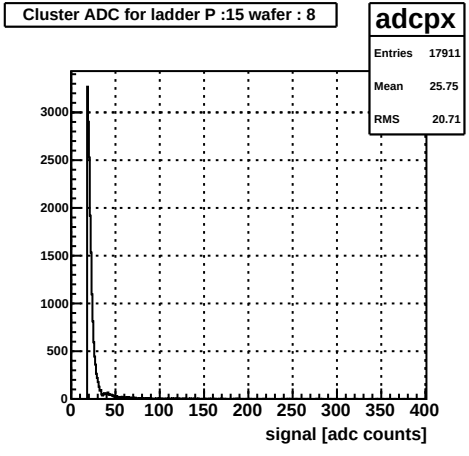

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2880
Mean 46.48
RMS 46.22
signal [adc counts]

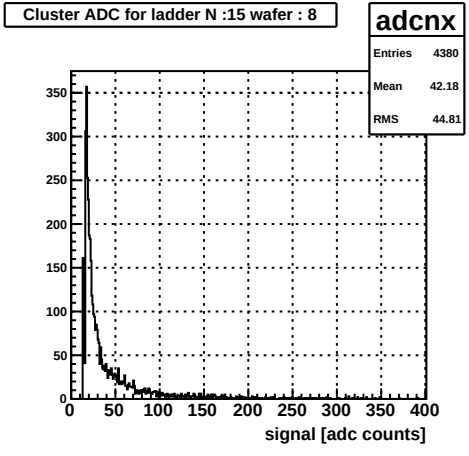

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 9
Mean 17.5
RMS 0
signal [adc counts]

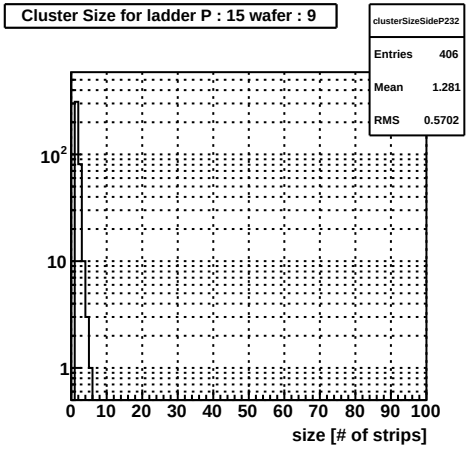

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 17911
Mean 1.05
RMS 0.2483
size [# of strips]

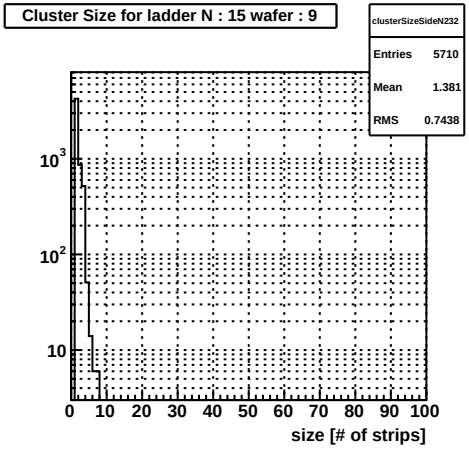

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4380
Mean 1.224
RMS 0.5658
size [# of strips]

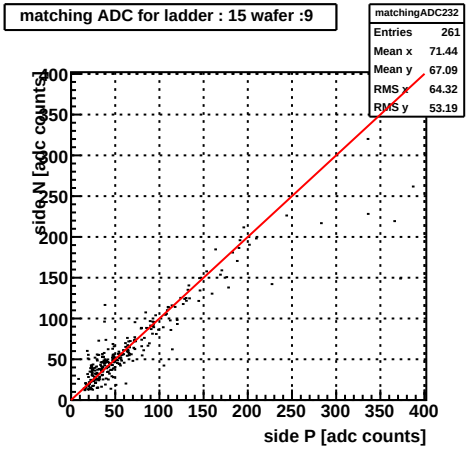

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1135
Mean x 55.02
Mean y 54.01
RMS x 54.44
RMS y 51.29
side N [adc counts]
side P [adc counts]

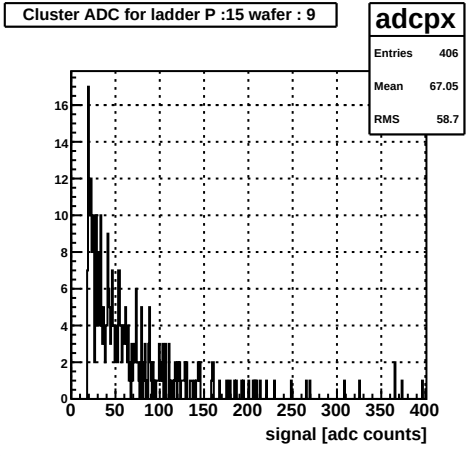

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 17911
Mean 25.75
RMS 20.71
signal [adc counts]

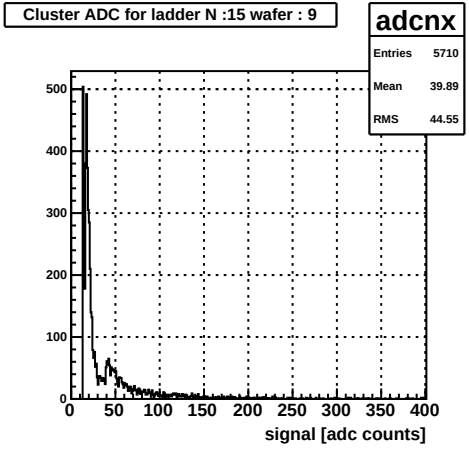

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4380
Mean 42.18
RMS 44.81
signal [adc counts]

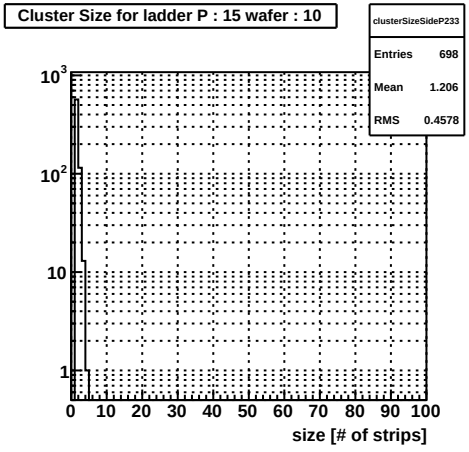

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 406
Mean 1.281
RMS 0.5702
size [# of strips]

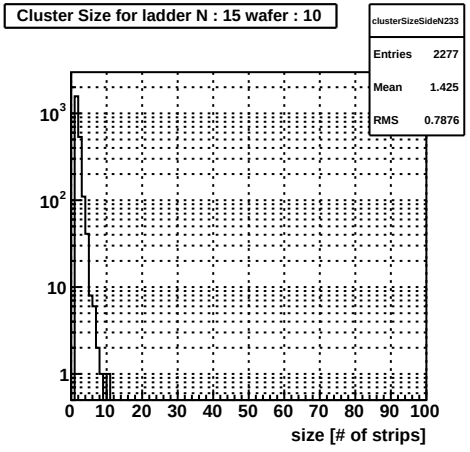

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5710
Mean 1.381
RMS 0.7438
size [# of strips]

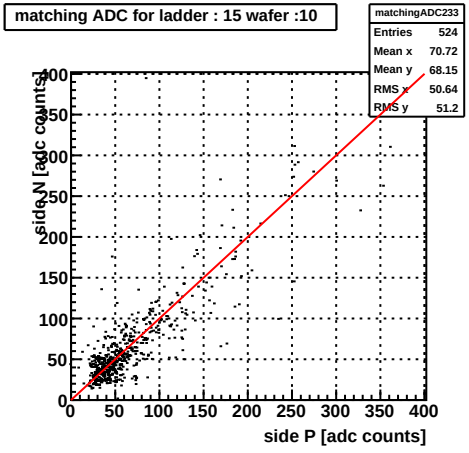

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 261
Mean x 71.44
Mean y 67.09
RMS x 64.32
RMS y 53.19
side N [adc counts]
side P [adc counts]

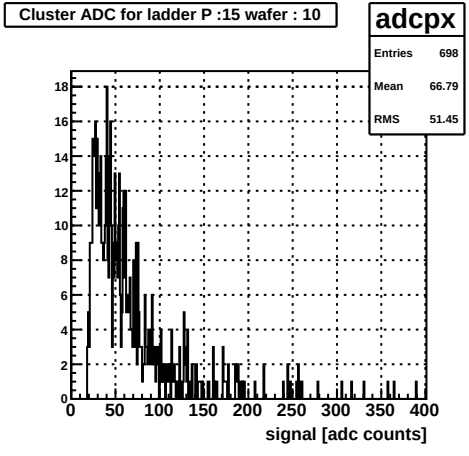

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 406
Mean 67.05
RMS 58.7
signal [adc counts]

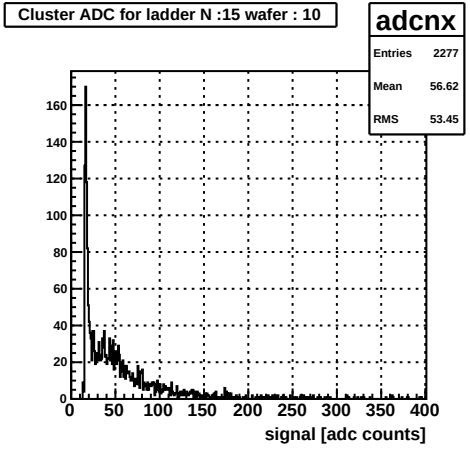

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5710
Mean 39.89
RMS 44.55
signal [adc counts]

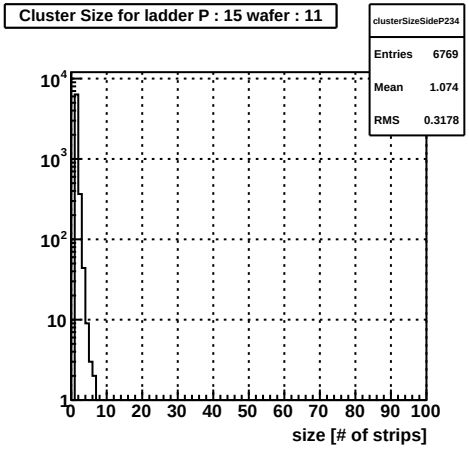

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 698
Mean 1.206
RMS 0.4578
size [# of strips]

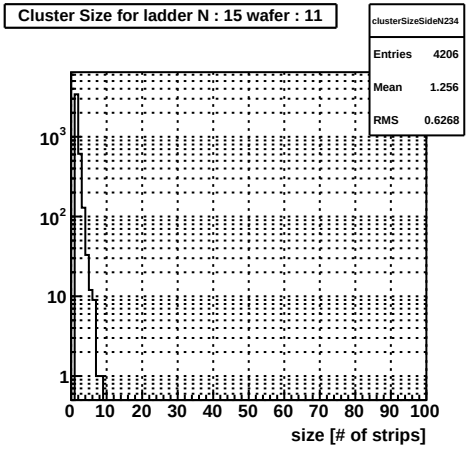

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2277
Mean 1.425
RMS 0.7876
size [# of strips]

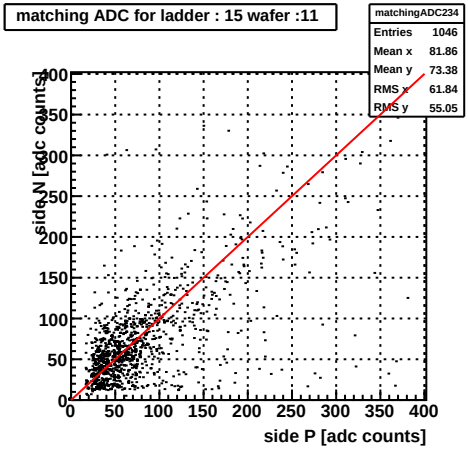

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 524
Mean x 70.72
Mean y 68.15
RMS x 50.64
RMS y 51.2
side N [adc counts]
side P [adc counts]

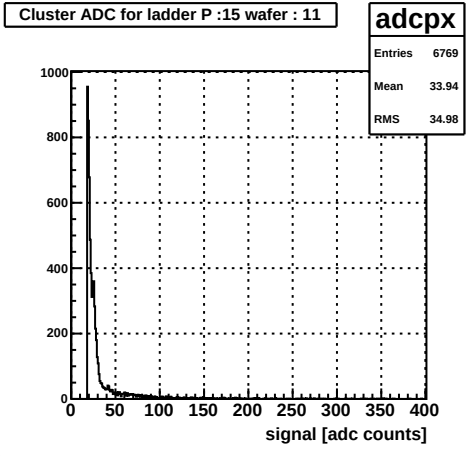

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 698
Mean 66.79
RMS 51.45
signal [adc counts]

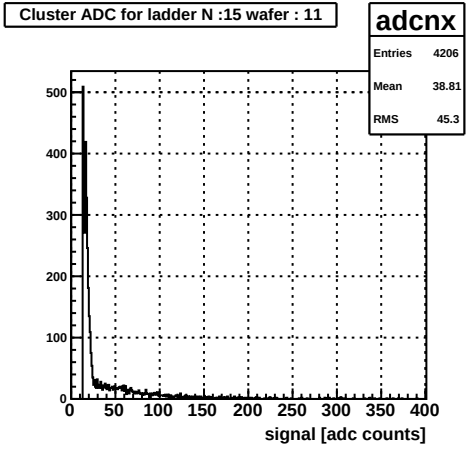

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2277
Mean 56.62
RMS 53.45
signal [adc counts]

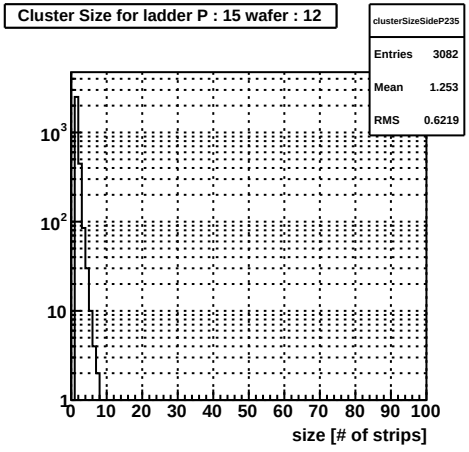

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6769
Mean 1.074
RMS 0.3178
size [# of strips]

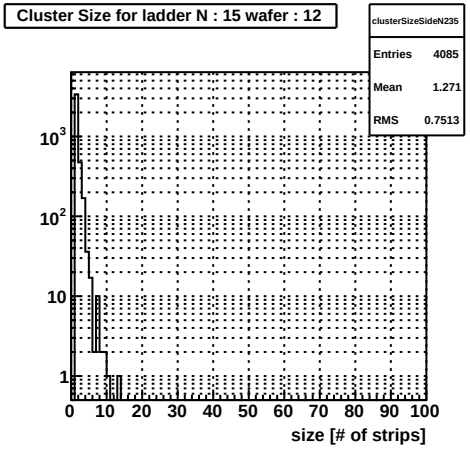

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4206
Mean 1.256
RMS 0.6268
size [# of strips]

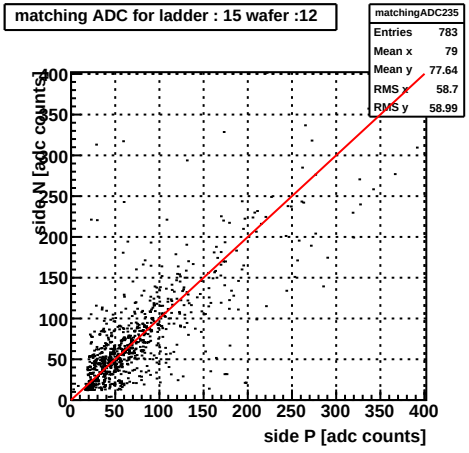

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1046
Mean x 81.86
Mean y 73.38
RMS x 61.84
RMS y 55.05
side N [adc counts]
side P [adc counts]

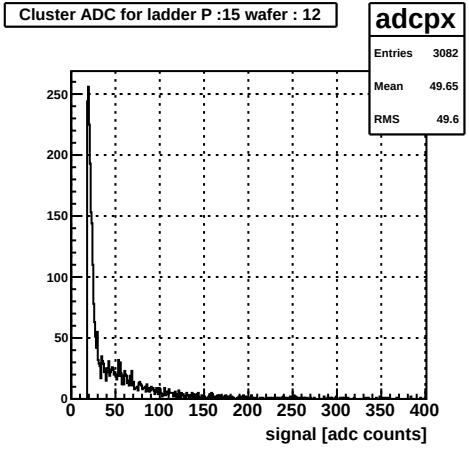

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6769
Mean 33.94
RMS 34.98
signal [adc counts]

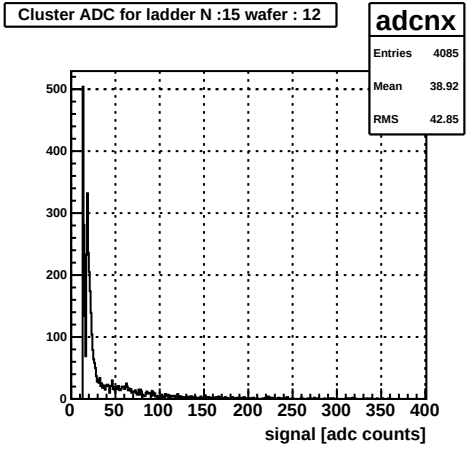

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4206
Mean 38.81
RMS 45.3
signal [adc counts]

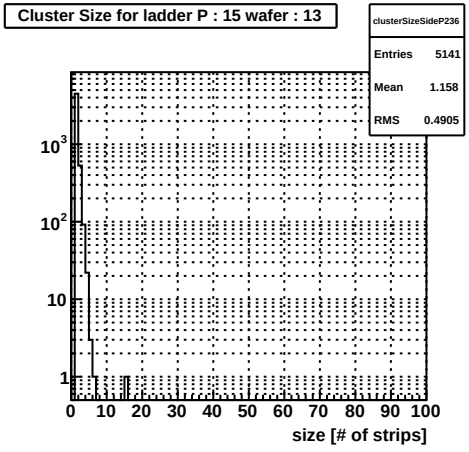

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3082
Mean 1.253
RMS 0.6219
size [# of strips]

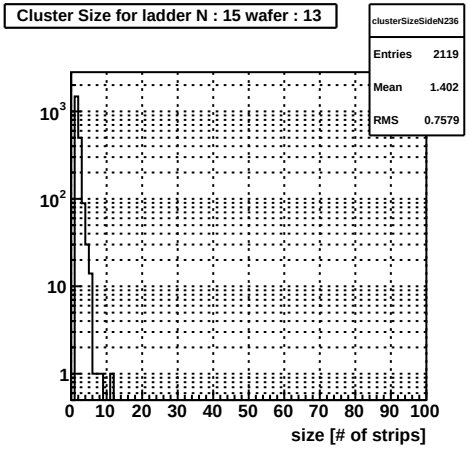

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4085
Mean 1.271
RMS 0.7513
size [# of strips]

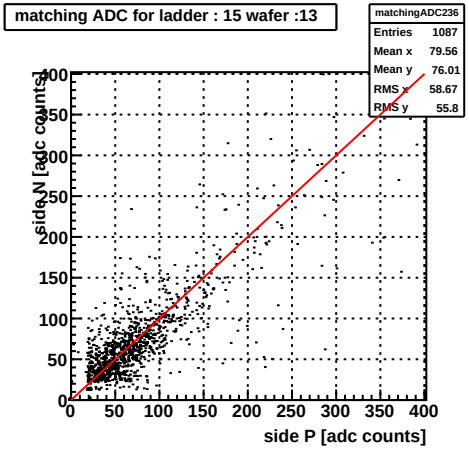

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 783
Mean x 79
Mean y 77.64
RMS x 58.7
RMS y 58.99
side N [adc counts]
side P [adc counts]

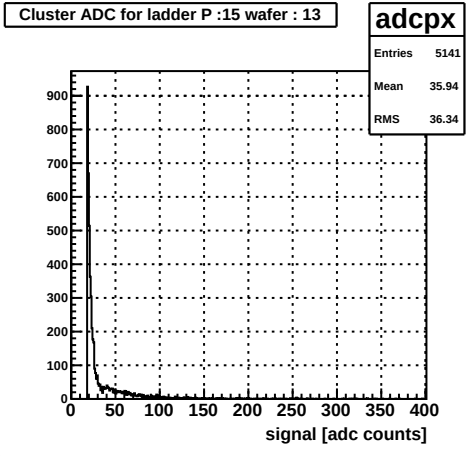

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3082
Mean 49.65
RMS 49.6
signal [adc counts]

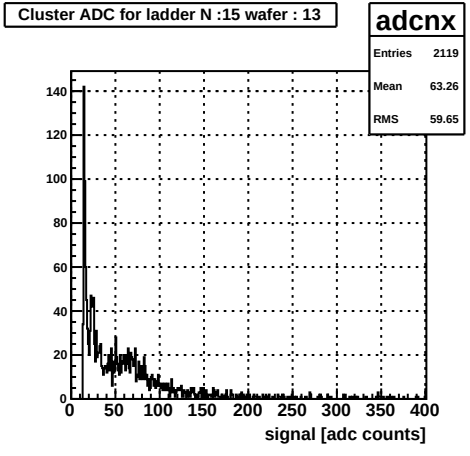

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4085
Mean 38.92
RMS 42.85
signal [adc counts]

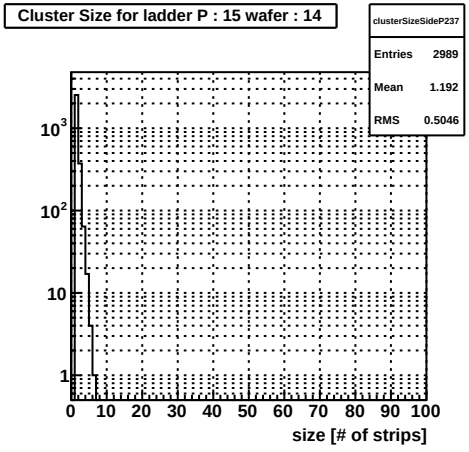

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5141
Mean 1.158
RMS 0.4905
size [# of strips]

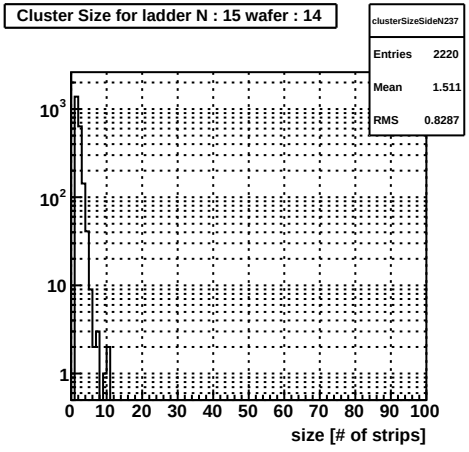

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2119
Mean 1.402
RMS 0.7579
size [# of strips]

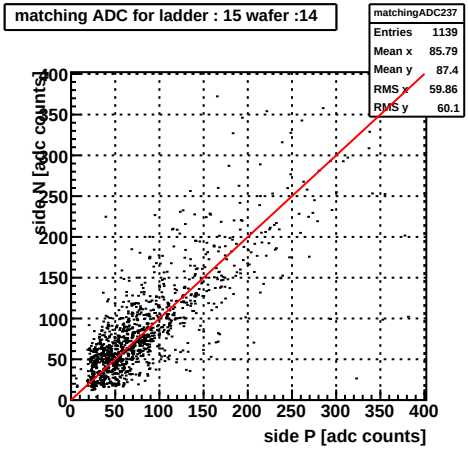

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1087
Mean x 79.56
Mean y 76.01
RMS x 58.67
RMS y 55.8
side N [adc counts]
side P [adc counts]

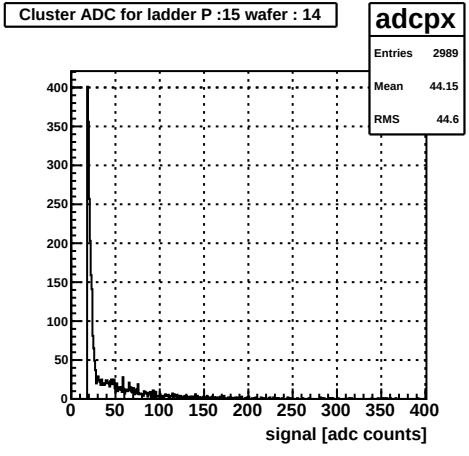

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5141
Mean 35.94
RMS 36.34
signal [adc counts]

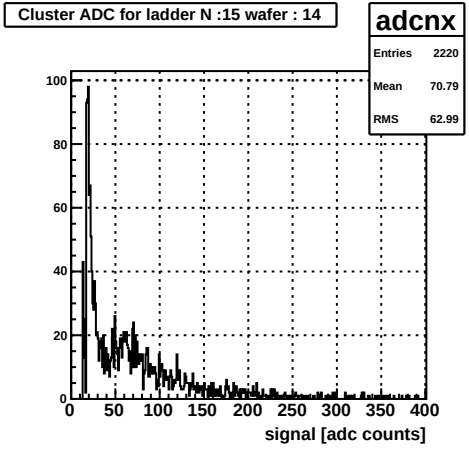

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2119
Mean 63.26
RMS 59.65
signal [adc counts]

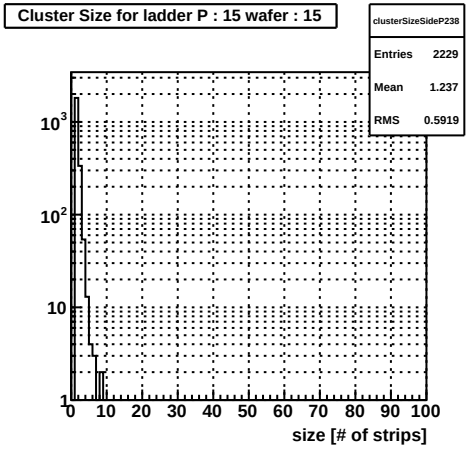

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2989
Mean 1.192
RMS 0.5046
size [# of strips]

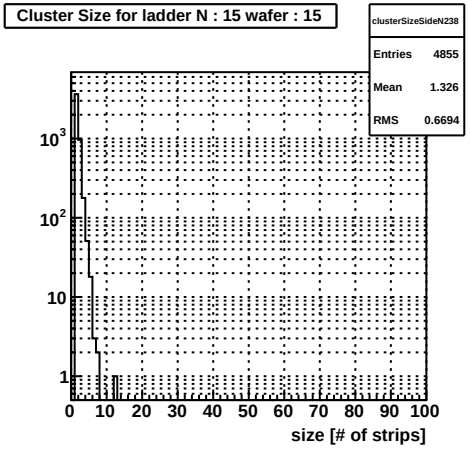

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2220
Mean 1.511
RMS 0.8287
size [# of strips]

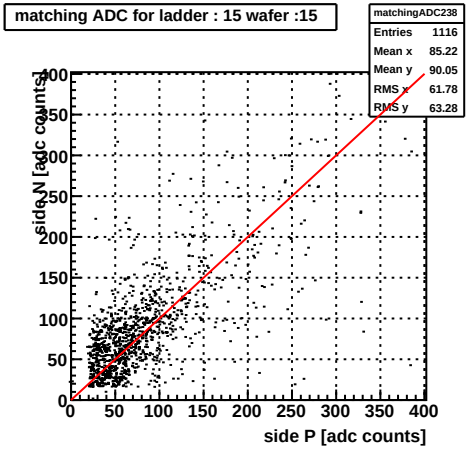

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1139
Mean x 85.79
Mean y 87.4
RMS x 59.86
RMS y 60.1
side N [adc counts]
side P [adc counts]

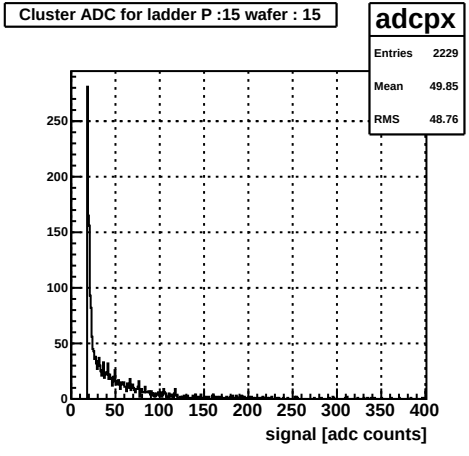

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2989
Mean 44.15
RMS 44.6
signal [adc counts]

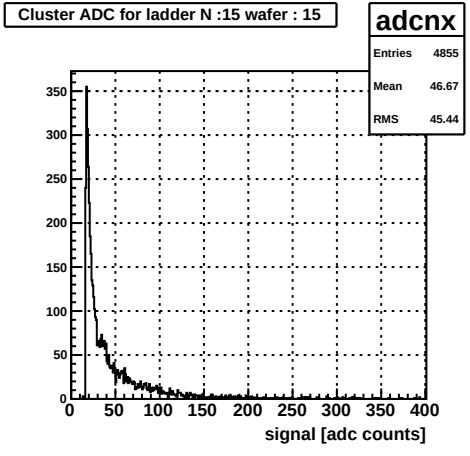

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2220
Mean 70.79
RMS 62.99
signal [adc counts]

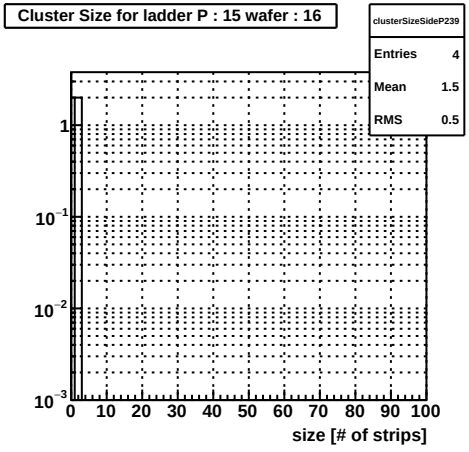

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2229
Mean 1.237
RMS 0.5919
size [# of strips]

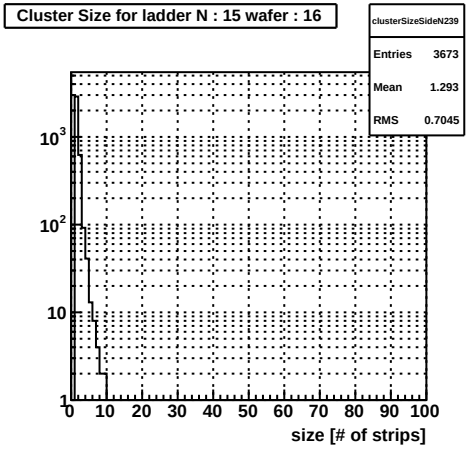

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4855
Mean 1.326
RMS 0.6694
size [# of strips]

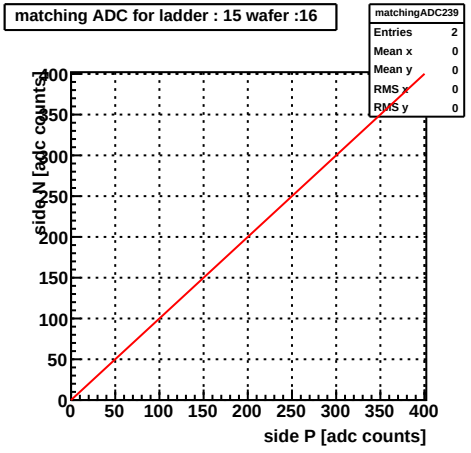

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1116
Mean x 85.22
Mean y 90.05
RMS x 61.78
RMS y 63.28
side N [adc counts]
side P [adc counts]

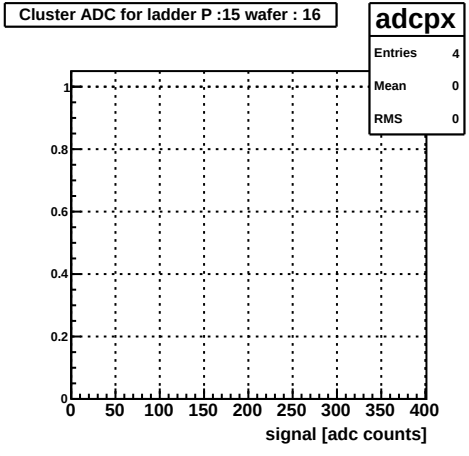

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2229
Mean 49.85
RMS 48.76
signal [adc counts]

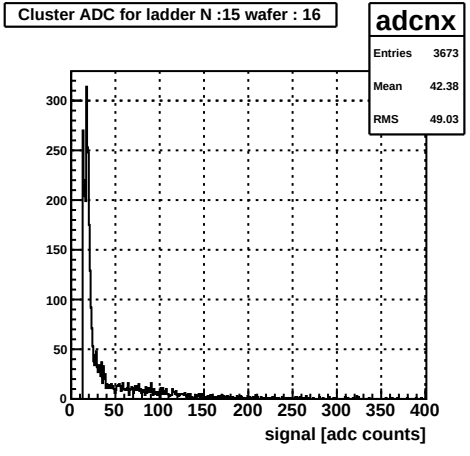

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4855
Mean 46.67
RMS 45.44
signal [adc counts]

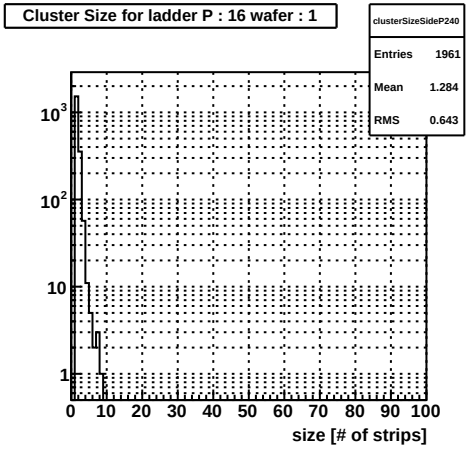

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 4
Mean 1.5
RMS 0.5
size [# of strips]

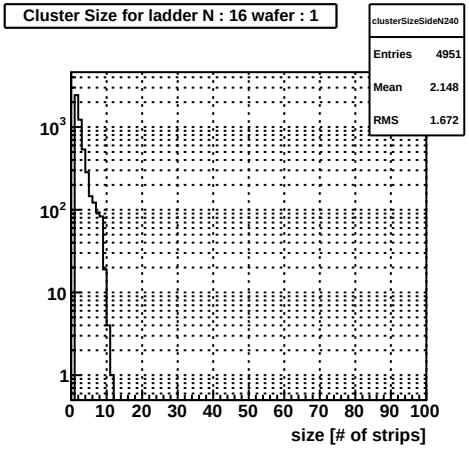

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3673
Mean 1.293
RMS 0.7045
size [# of strips]

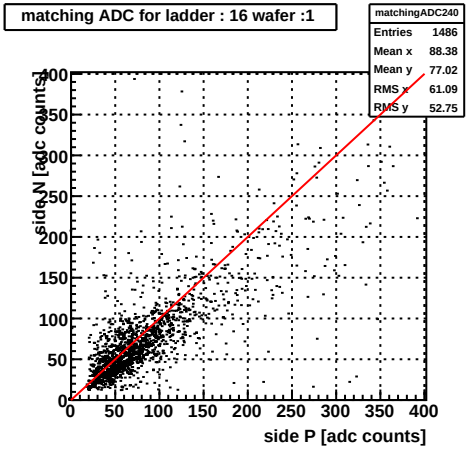

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

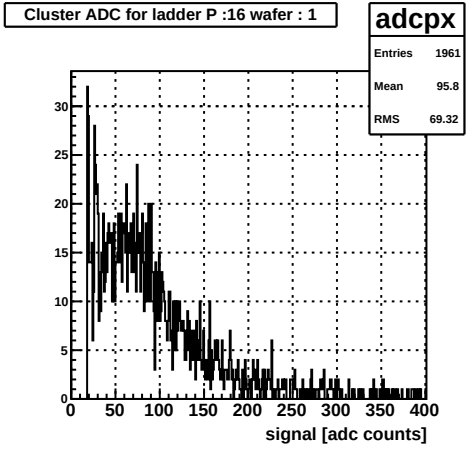

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

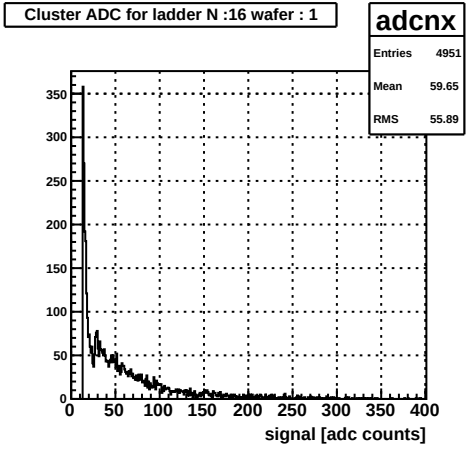

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3673
Mean 42.38
RMS 49.03
signal [adc counts]

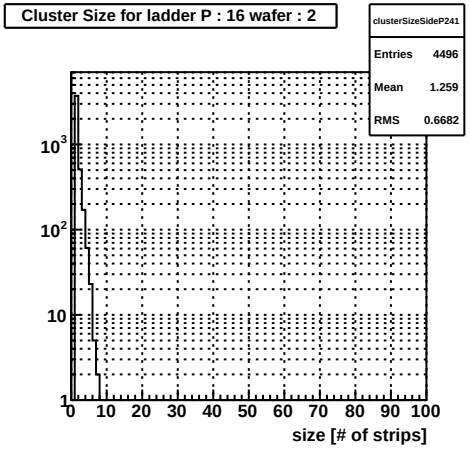

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1961
Mean 1.284
RMS 0.643
size [# of strips]

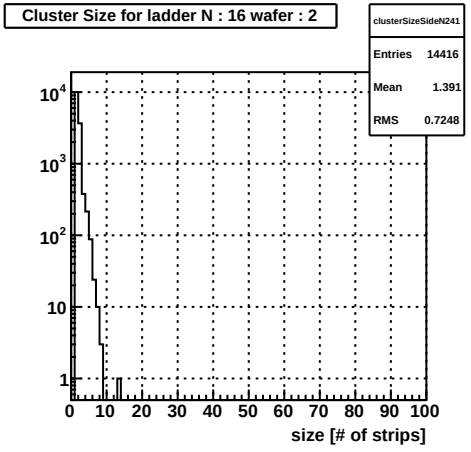

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4951
Mean 2.148
RMS 1.672
size [# of strips]

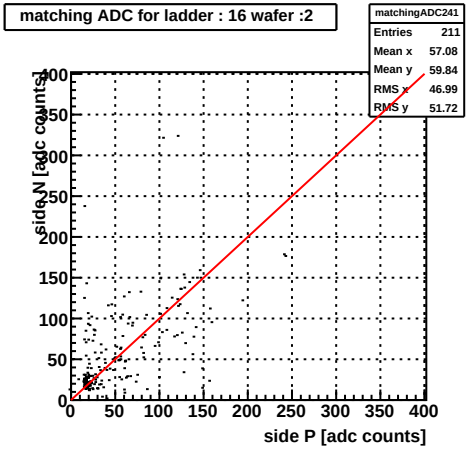

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1486
Mean x 88.38
Mean y 77.02
RMS x 61.09
RMS y 52.75
side N [adc counts]
side P [adc counts]

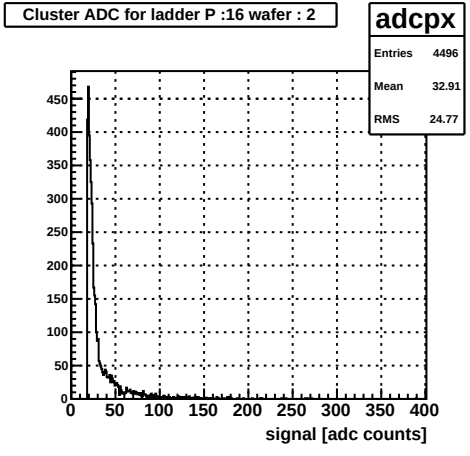

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1961
Mean 95.8
RMS 69.32
signal [adc counts]

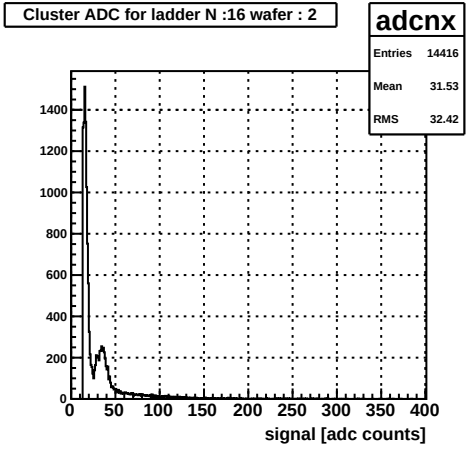

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4951
Mean 59.65
RMS 55.89
signal [adc counts]

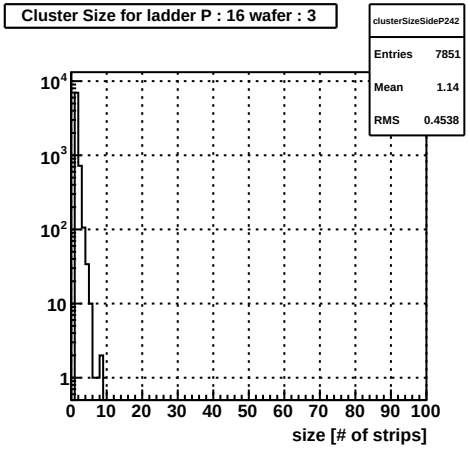

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4496
Mean 1.259
RMS 0.6682
size [# of strips]

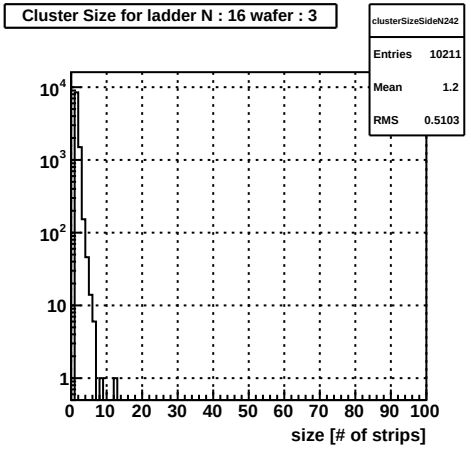

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 14416
Mean 1.391
RMS 0.7248
size [# of strips]

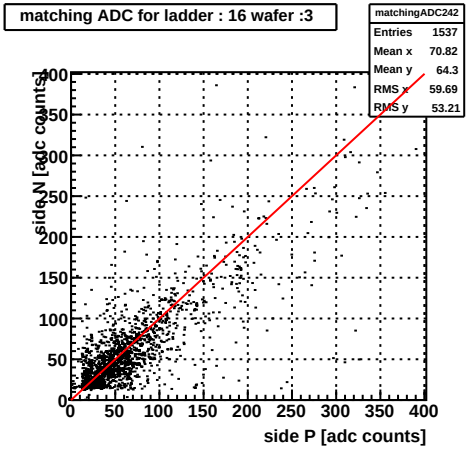

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 211
Mean x 57.08
Mean y 59.84
RMS x 46.99
RMS y 51.72
side N [adc counts]
side P [adc counts]

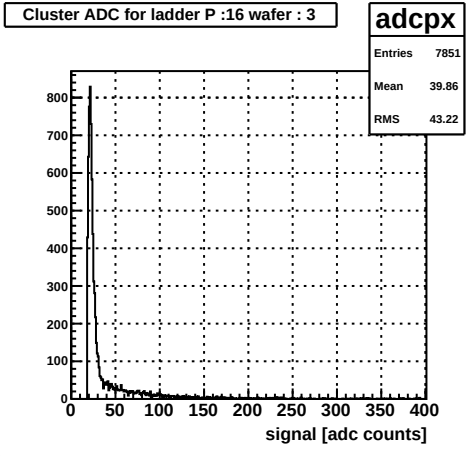

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4496
Mean 32.91
RMS 24.77
signal [adc counts]

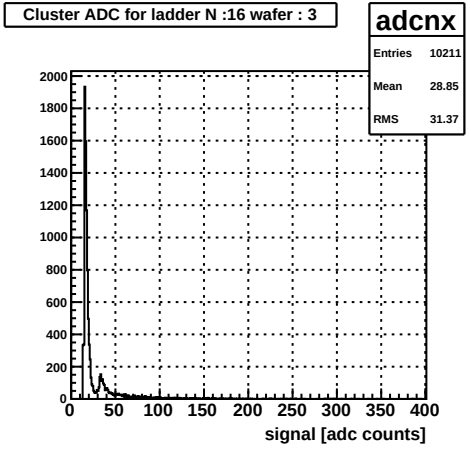

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 14416
Mean 31.53
RMS 32.42
signal [adc counts]

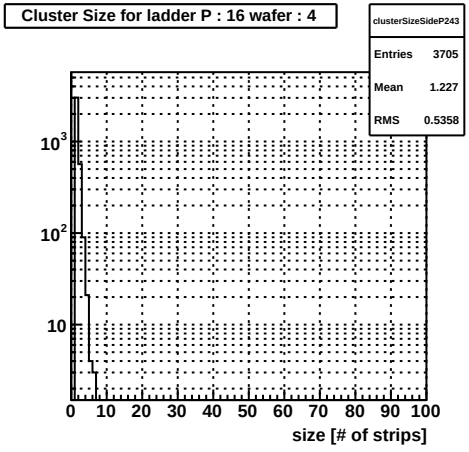

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7851
Mean 1.14
RMS 0.4538
size [# of strips]

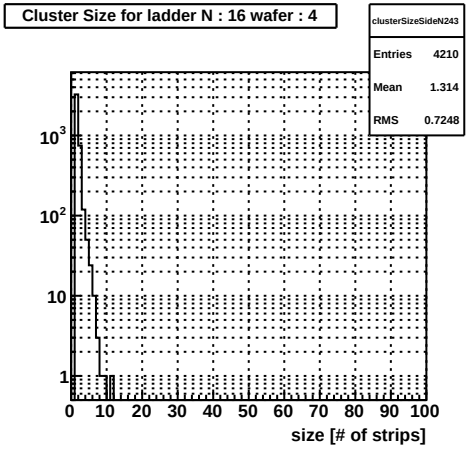

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 10211
Mean 1.2
RMS 0.5103
size [# of strips]

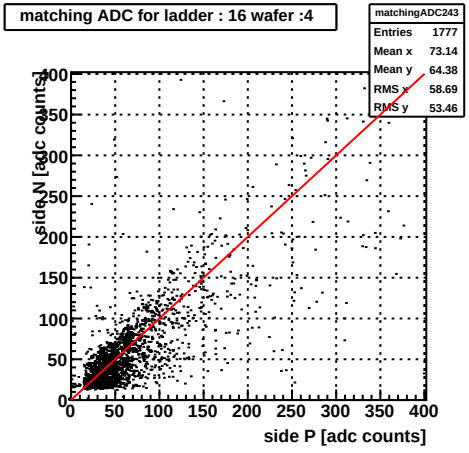

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1537
Mean x 70.82
Mean y 64.3
RMS x 59.69
RMS y 53.21
side N [adc counts]
side P [adc counts]

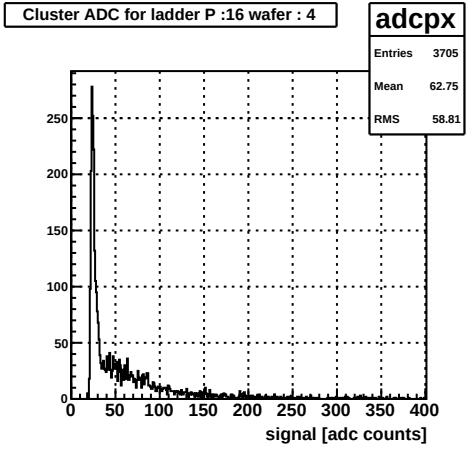

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7851
Mean 39.86
RMS 43.22
signal [adc counts]

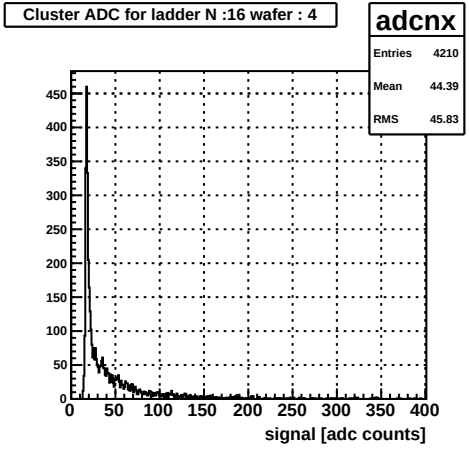

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 10211
Mean 28.85
RMS 31.37
signal [adc counts]

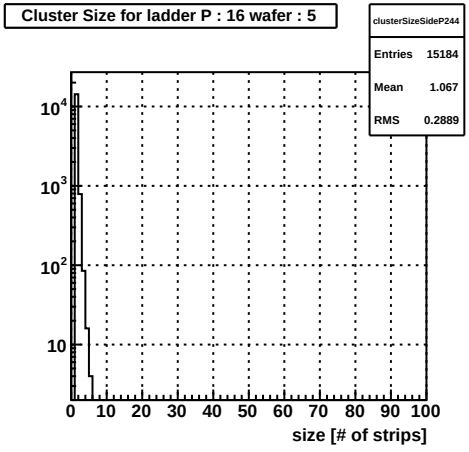

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3705
Mean 1.227
RMS 0.5358
size [# of strips]

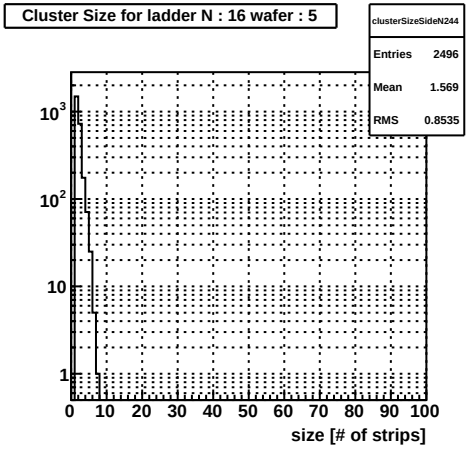

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4210
Mean 1.314
RMS 0.7248
size [# of strips]

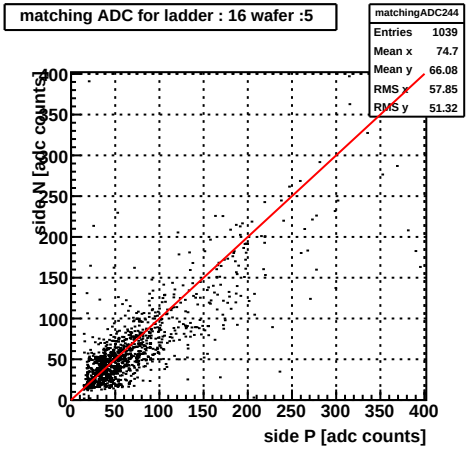

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1777
Mean x 73.14
Mean y 64.38
RMS x 58.69
RMS y 53.46
side N [adc counts]
side P [adc counts]

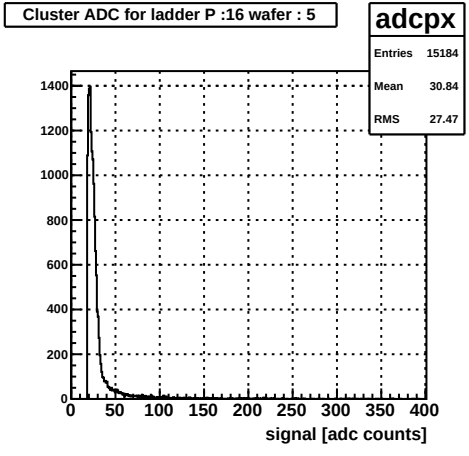

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3705
Mean 62.75
RMS 58.81
signal [adc counts]

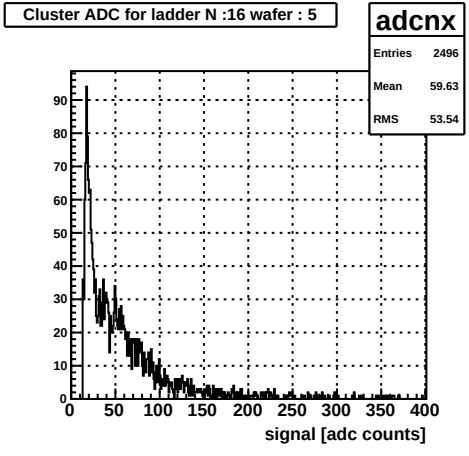

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4210
Mean 44.39
RMS 45.83
signal [adc counts]

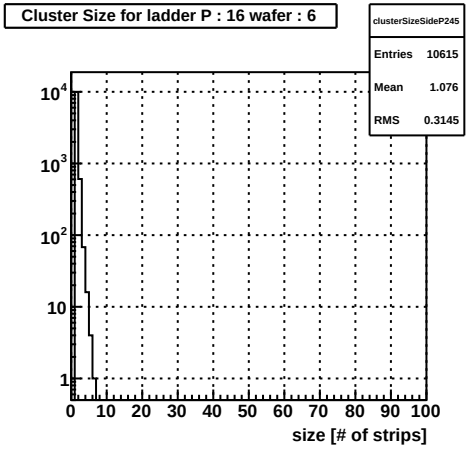

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 15184
Mean 1.067
RMS 0.2889
size [# of strips]

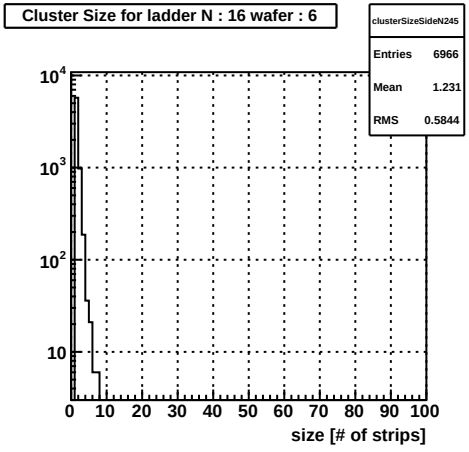

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2496
Mean 1.569
RMS 0.8535
size [# of strips]

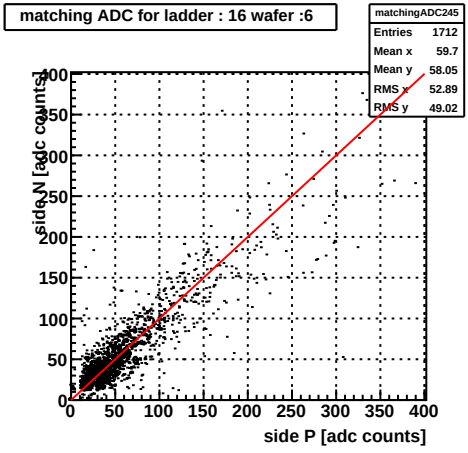

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1039
Mean x 74.7
Mean y 66.08
RMS x 57.85
RMS y 51.32
side N [adc counts]
side P [adc counts]

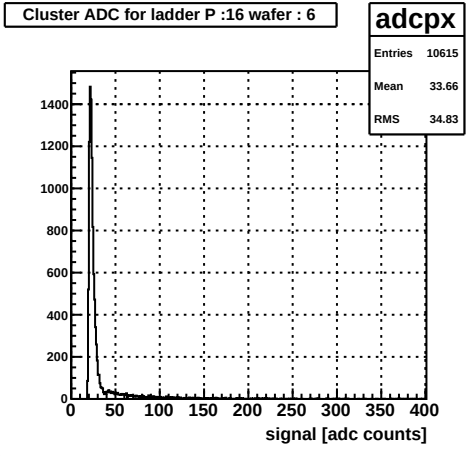

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 15184
Mean 30.84
RMS 27.47
signal [adc counts]

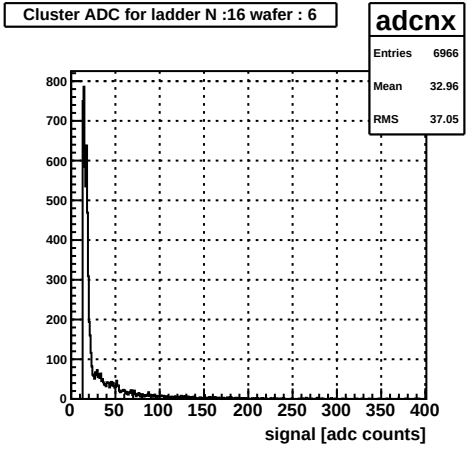

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2496
Mean 59.63
RMS 53.54
signal [adc counts]

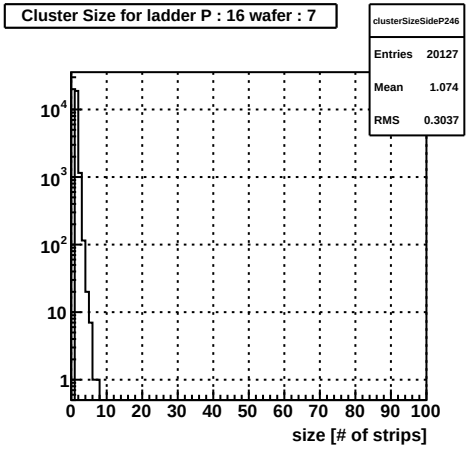

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 10615
Mean 1.076
RMS 0.3145
size [# of strips]

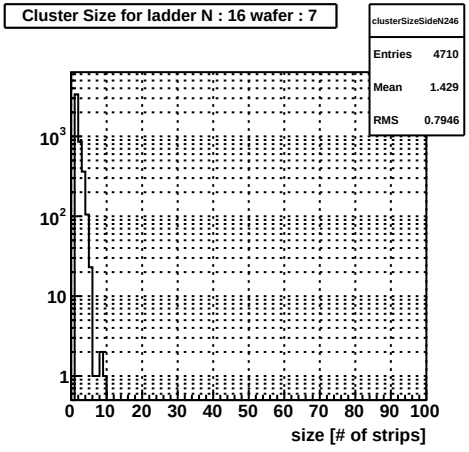

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6966
Mean 1.231
RMS 0.5844
size [# of strips]

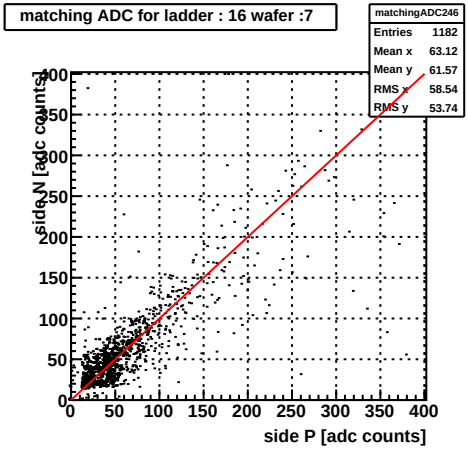

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1712
Mean x 59.7
Mean y 58.05
RMS x 52.89
RMS y 49.02
side N [adc counts]
side P [adc counts]

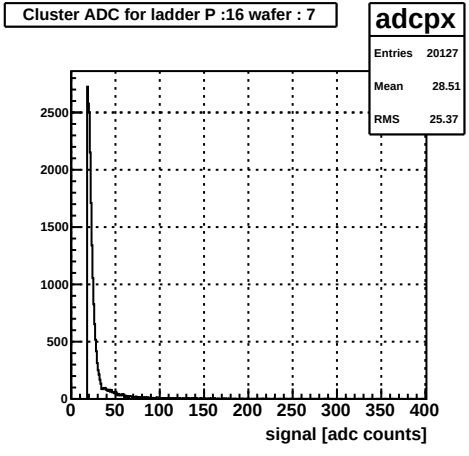

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 10615
Mean 33.66
RMS 34.83
signal [adc counts]

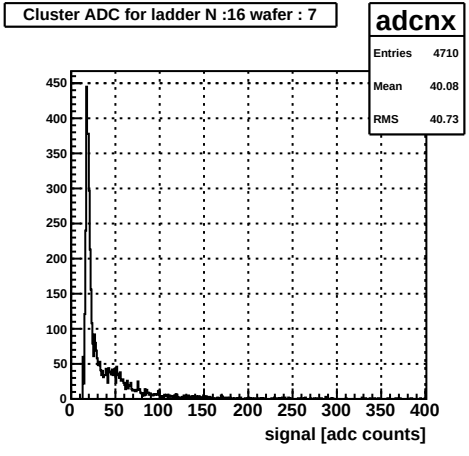

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6966
Mean 32.96
RMS 37.05
signal [adc counts]

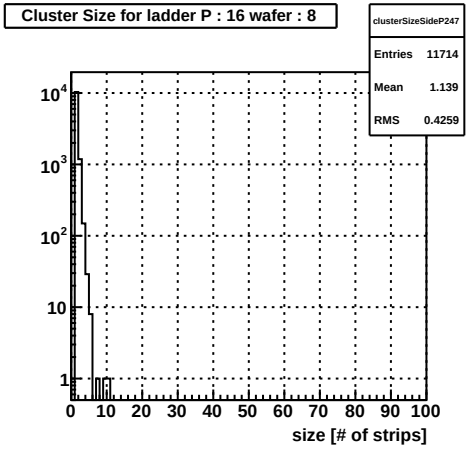

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 20127
Mean 1.074
RMS 0.3037
size [# of strips]

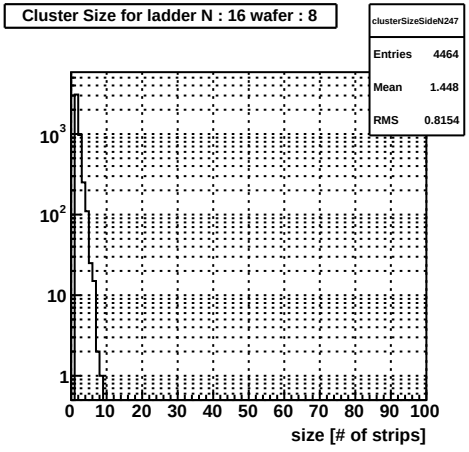

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4710
Mean 1.429
RMS 0.7946
size [# of strips]

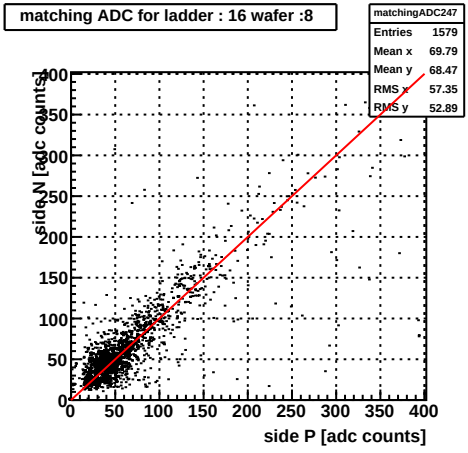

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1182
Mean x 63.12
Mean y 61.57
RMS x 58.54
RMS y 53.74
side N [adc counts]
side P [adc counts]

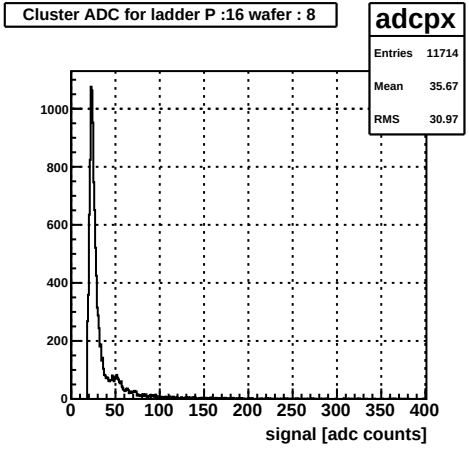

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 20127
Mean 28.51
RMS 25.37
signal [adc counts]

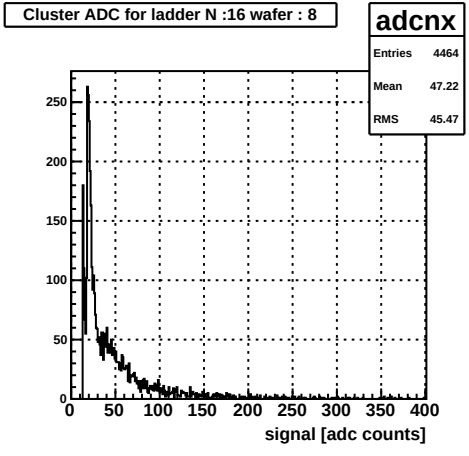

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4710
Mean 40.08
RMS 40.73
signal [adc counts]

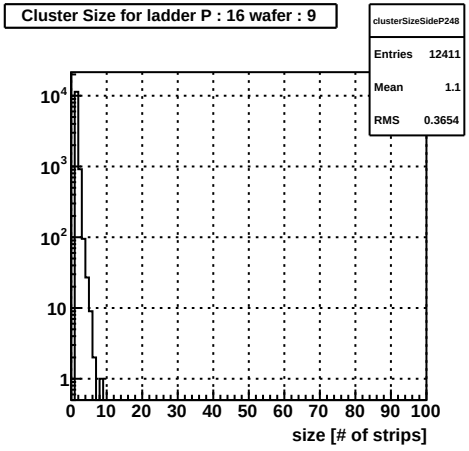

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 11714
Mean 1.139
RMS 0.4259
size [# of strips]

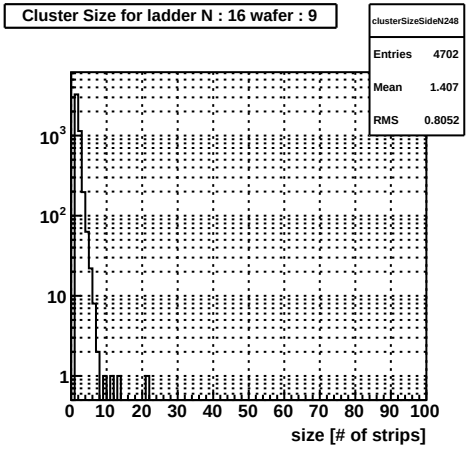

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4464
Mean 1.448
RMS 0.8154
size [# of strips]

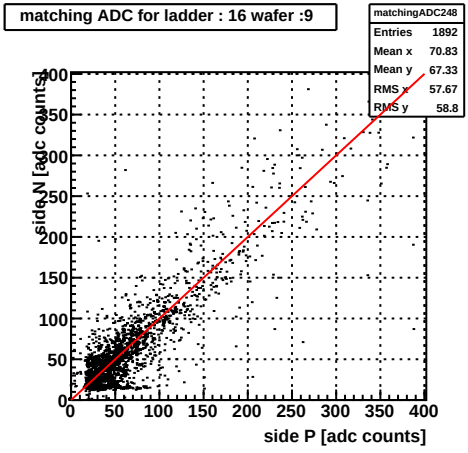

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1579
Mean x 69.79
Mean y 68.47
RMS x 57.35
RMS y 52.89
side N [adc counts]
side P [adc counts]

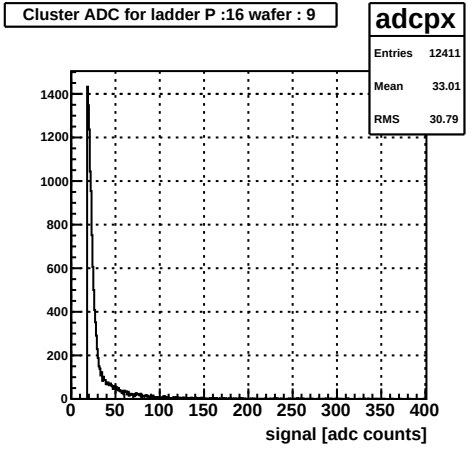

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 11714
Mean 35.67
RMS 30.97
signal [adc counts]

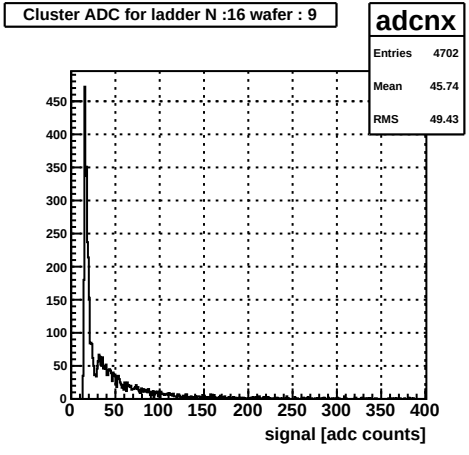

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4464
Mean 47.22
RMS 45.47
signal [adc counts]

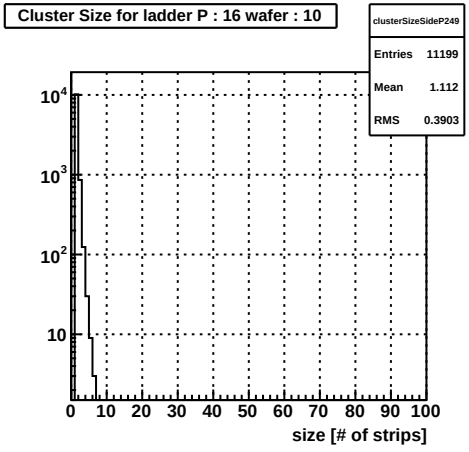

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 12411
Mean 1.1
RMS 0.3654
size [# of strips]

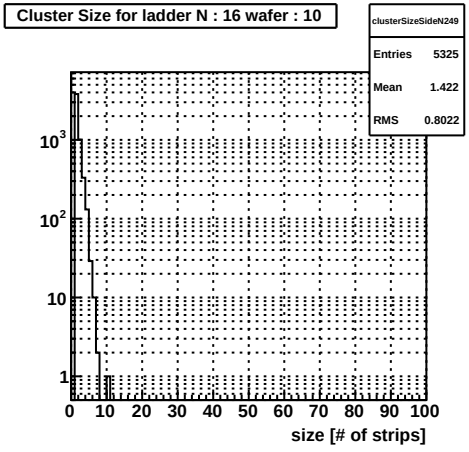

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4702
Mean 1.407
RMS 0.8052
size [# of strips]

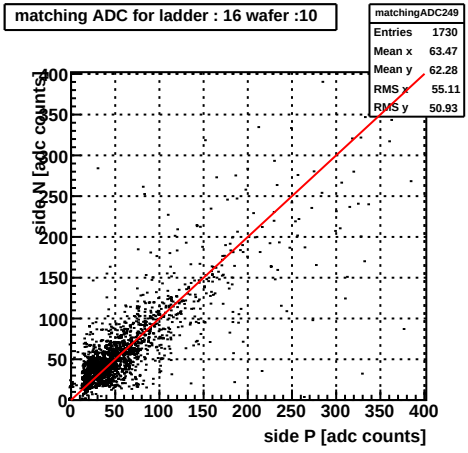

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1892
Mean x 70.83
Mean y 67.33
RMS x 57.67
RMS y 58.8
side N [adc counts]
side P [adc counts]

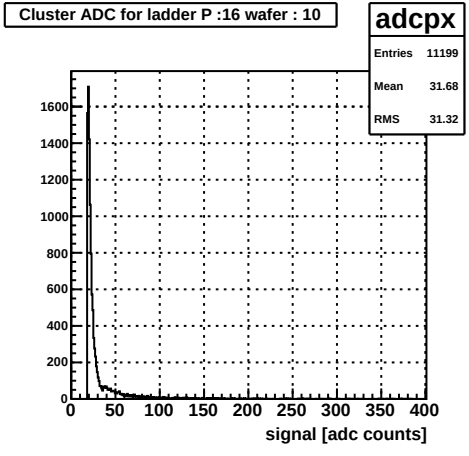

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 12411
Mean 33.01
RMS 30.79
signal [adc counts]

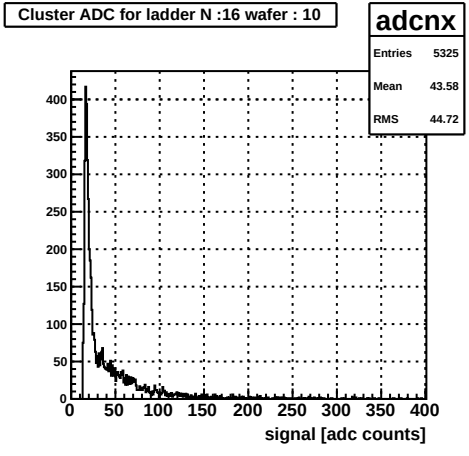

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4702
Mean 45.74
RMS 49.43
signal [adc counts]

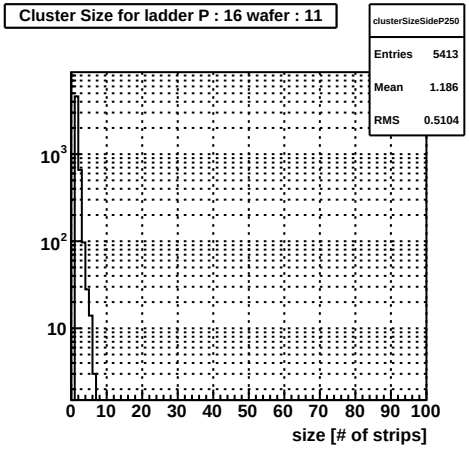

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 11199
Mean 1.112
RMS 0.3903
size [# of strips]

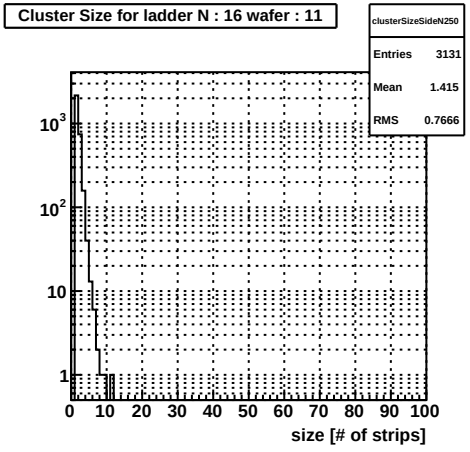

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5325
Mean 1.422
RMS 0.8022
size [# of strips]

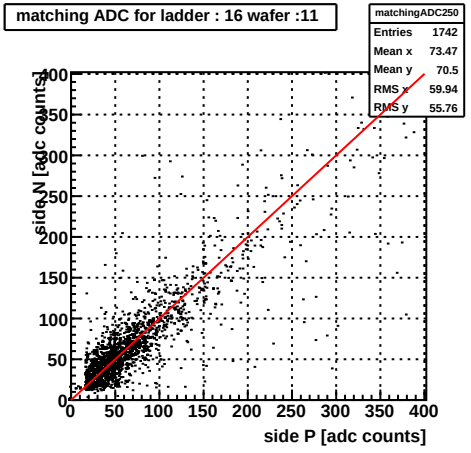

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1730
Mean x 63.47
Mean y 62.28
RMS x 55.11
RMS y 50.93
side N [adc counts]
side P [adc counts]

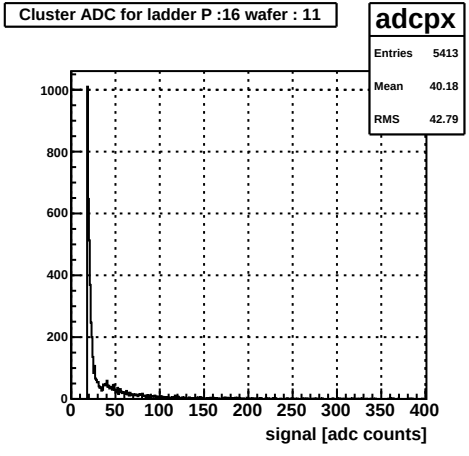

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 11199
Mean 31.68
RMS 31.32
signal [adc counts]

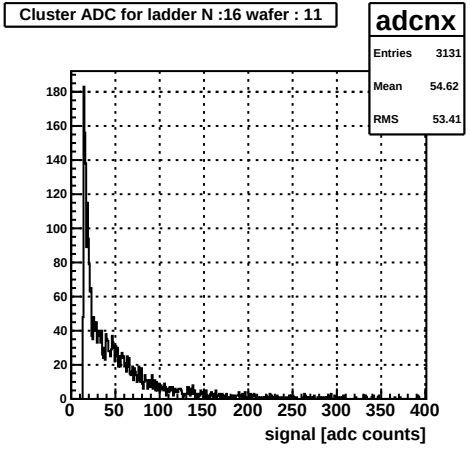

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5325
Mean 43.58
RMS 44.72
signal [adc counts]

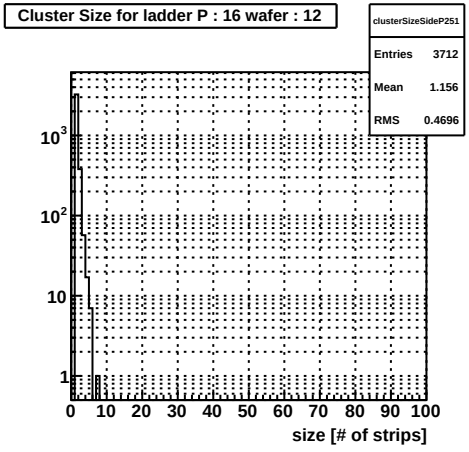

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5413
Mean 1.186
RMS 0.5104
size [# of strips]

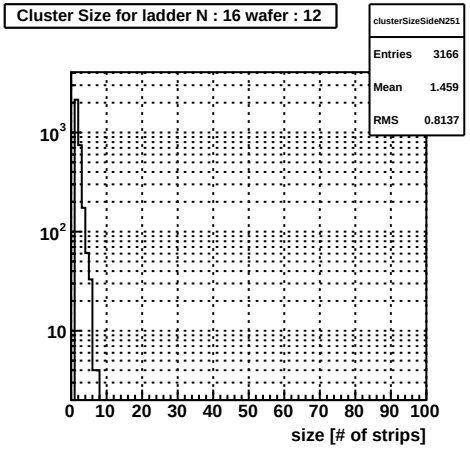

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3131
Mean 1.415
RMS 0.7666
size [# of strips]

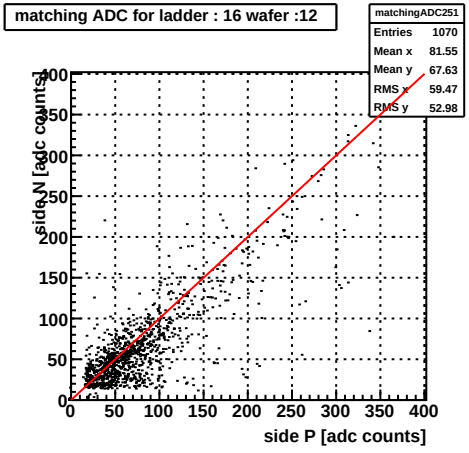

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1742
Mean x 73.47
Mean y 70.5
RMS x 59.94
RMS y 55.76
side N [adc counts]
side P [adc counts]

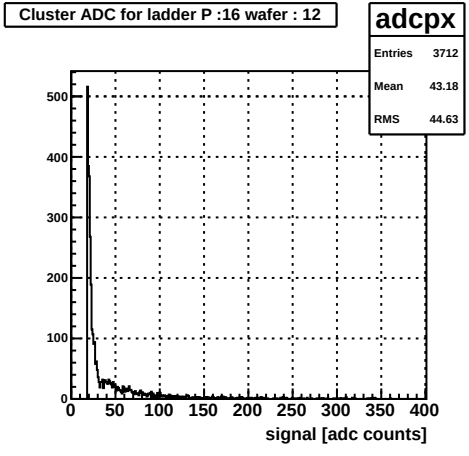

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5413
Mean 40.18
RMS 42.79
signal [adc counts]

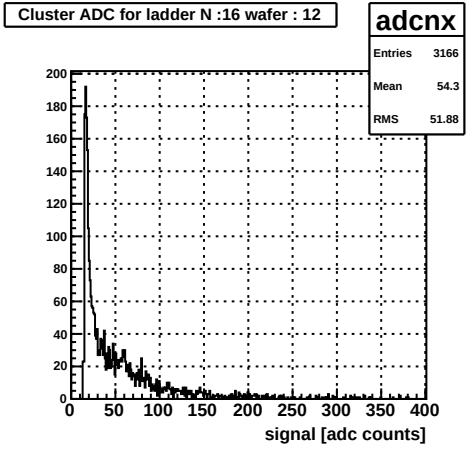

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3131
Mean 54.62
RMS 53.41
signal [adc counts]

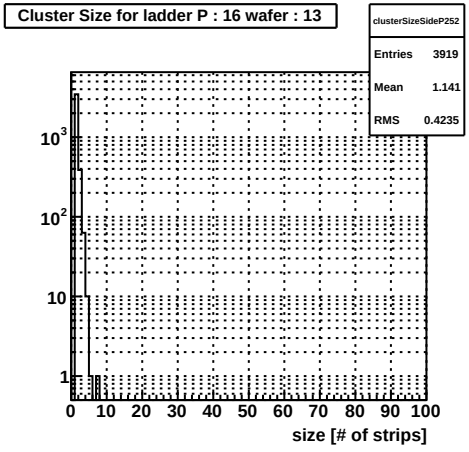

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3712
Mean 1.156
RMS 0.4696
size [# of strips]

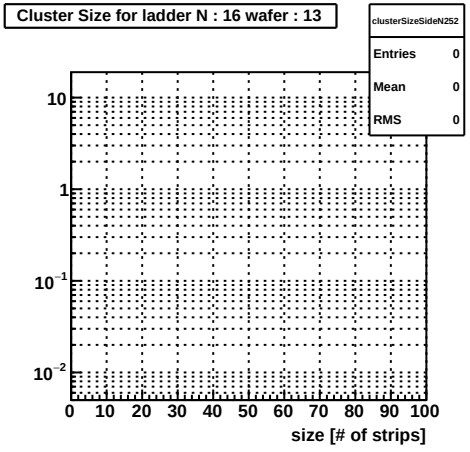

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3166
Mean 1.459
RMS 0.8137
size [# of strips]

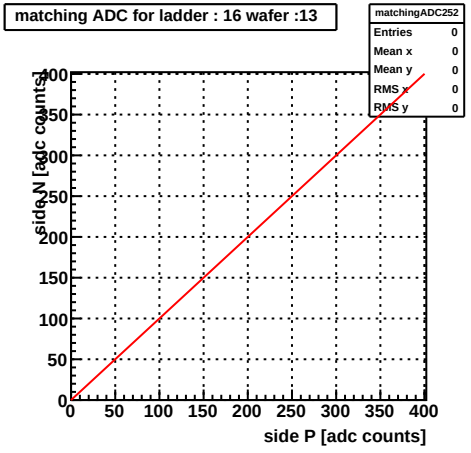

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1070
Mean x 81.55
Mean y 67.63
RMS x 59.47
RMS y 52.98
side N [adc counts]
side P [adc counts]

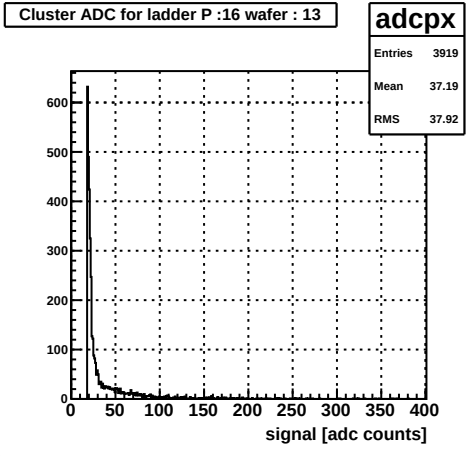

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3712
Mean 43.18
RMS 44.63
signal [adc counts]

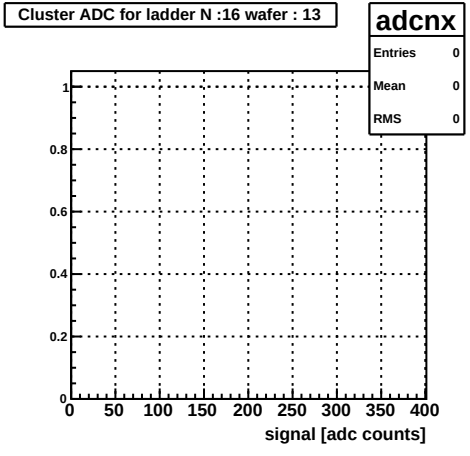

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3166
Mean 54.3
RMS 51.88
signal [adc counts]

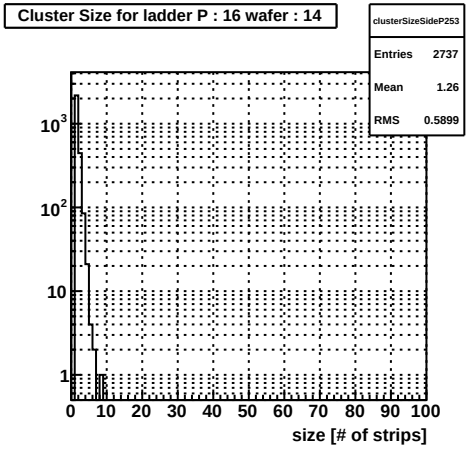

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3919
Mean 1.141
RMS 0.4235
size [# of strips]

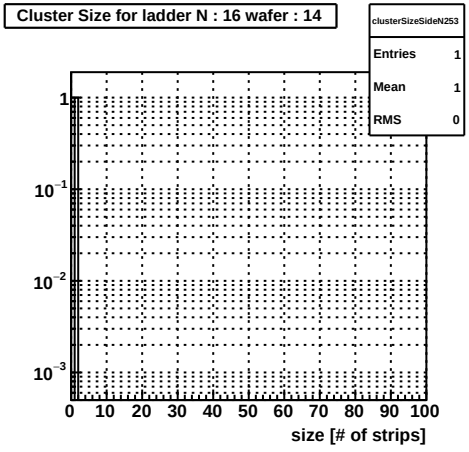

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

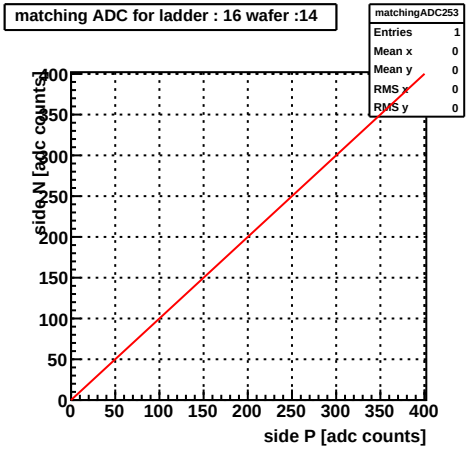

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

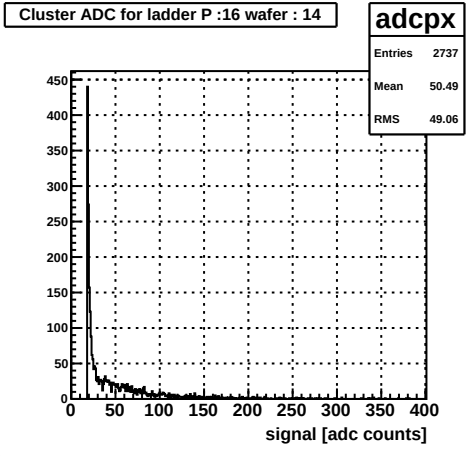

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3919
Mean 37.19
RMS 37.92
signal [adc counts]

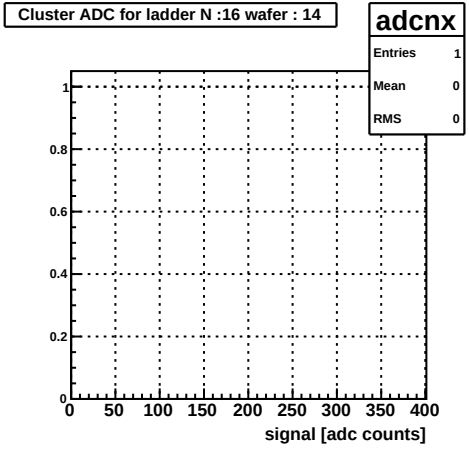

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

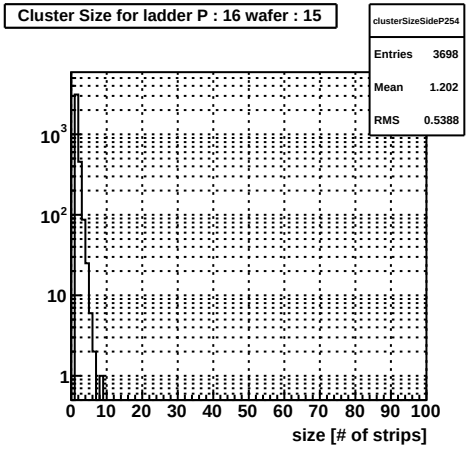

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2737
Mean 1.26
RMS 0.5899
size [# of strips]

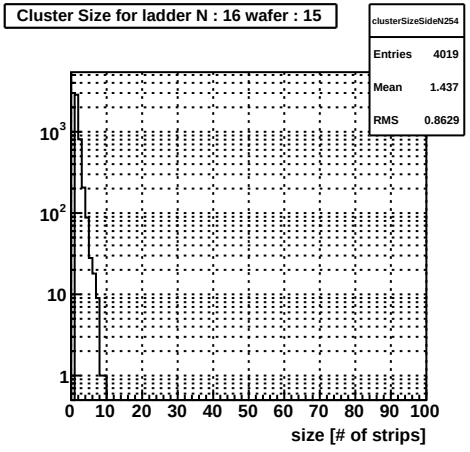

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

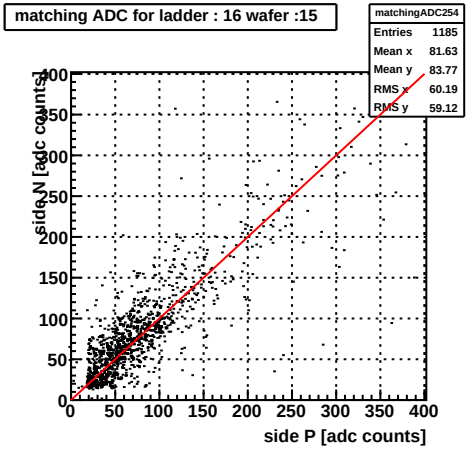

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

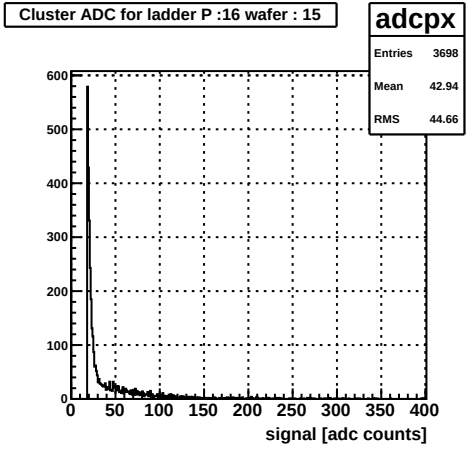

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2737
Mean 50.49
RMS 49.06
signal [adc counts]

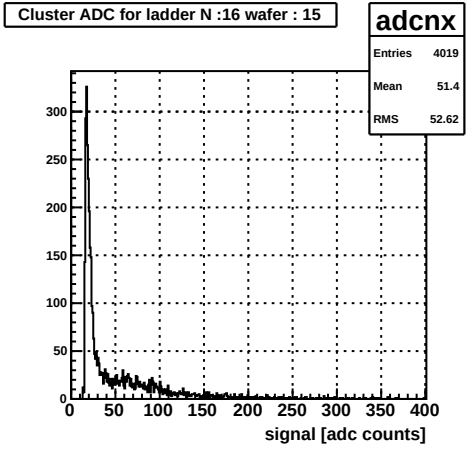

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

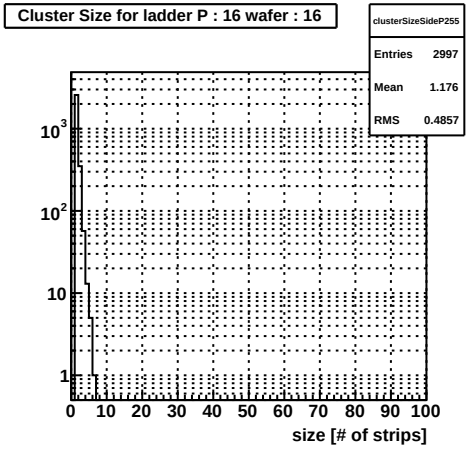

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3698
Mean 1.202
RMS 0.5388
size [# of strips]

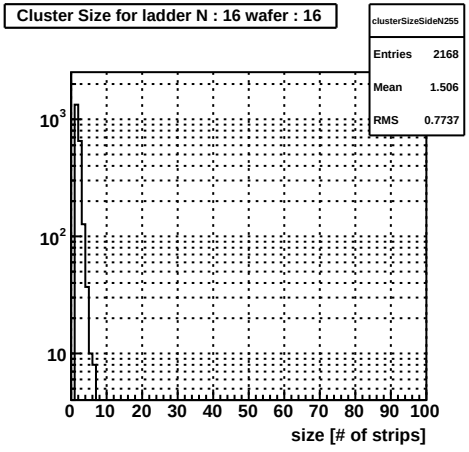

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4019
Mean 1.437
RMS 0.8629
size [# of strips]

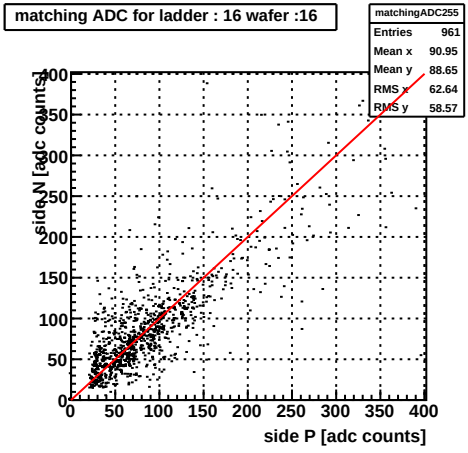

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1185
Mean x 81.63
Mean y 83.77
RMS x 60.19
RMS y 59.12
side N [adc counts]
side P [adc counts]

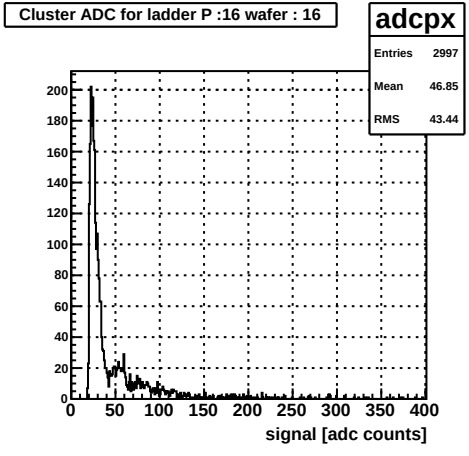

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3698
Mean 42.94
RMS 44.66
signal [adc counts]

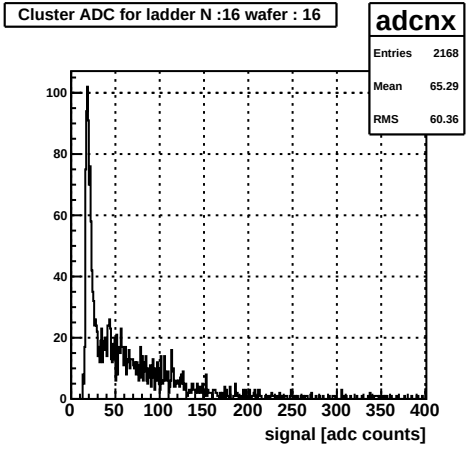

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4019
Mean 51.4
RMS 52.62
signal [adc counts]

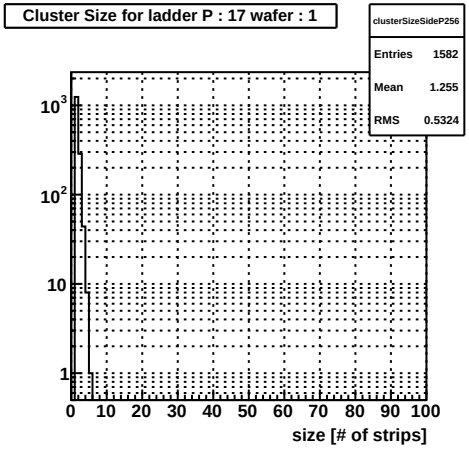

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2997
Mean 1.176
RMS 0.4857
size [# of strips]

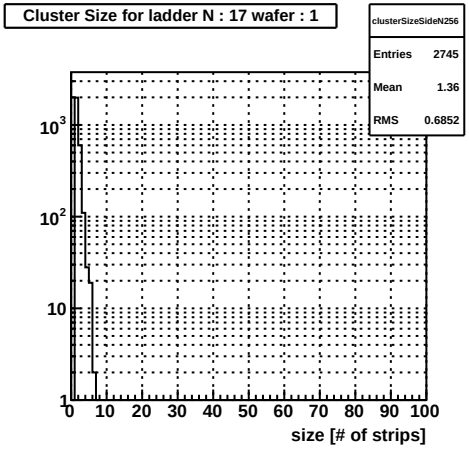

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2168
Mean 1.506
RMS 0.7737
size [# of strips]

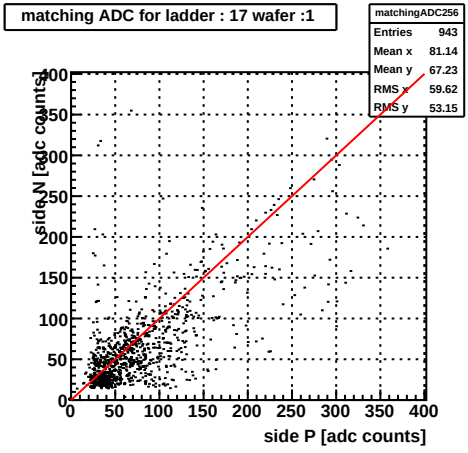

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 961
Mean x 90.95
Mean y 88.65
RMS x 62.64
RMS y 58.57
side N [adc counts]
side P [adc counts]

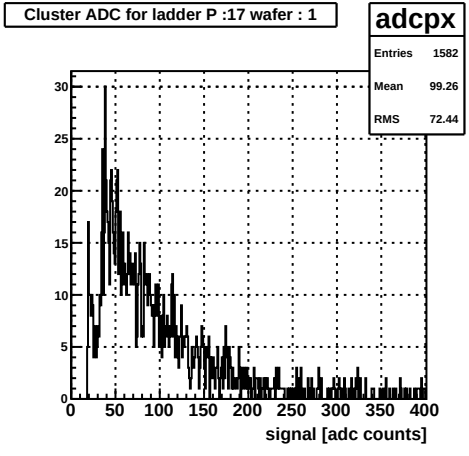

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2997
Mean 46.85
RMS 43.44
signal [adc counts]

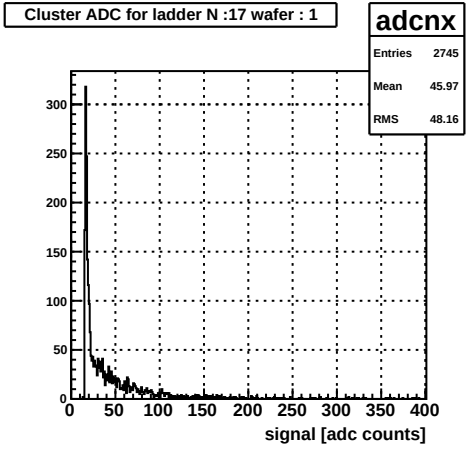

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2168
Mean 65.29
RMS 60.36
signal [adc counts]

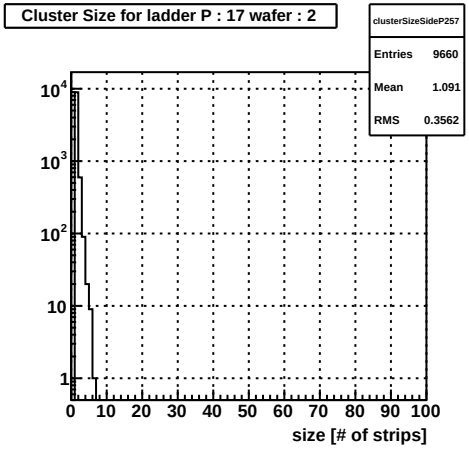

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1582
Mean 1.255
RMS 0.5324
size [# of strips]

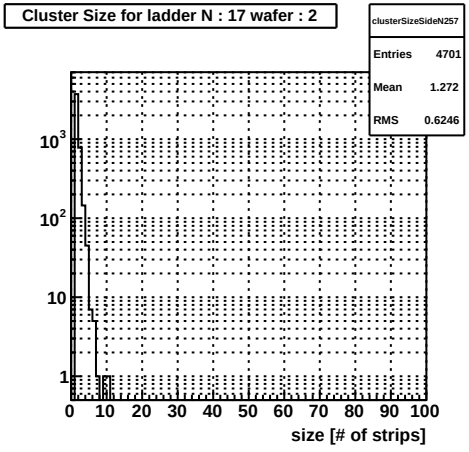

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2745
Mean 1.36
RMS 0.6852
size [# of strips]

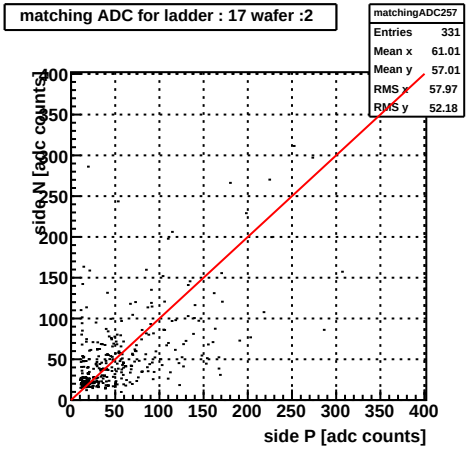

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 943
Mean x 81.14
Mean y 67.23
RMS x 59.62
RMS y 53.15
side N [adc counts]
side P [adc counts]

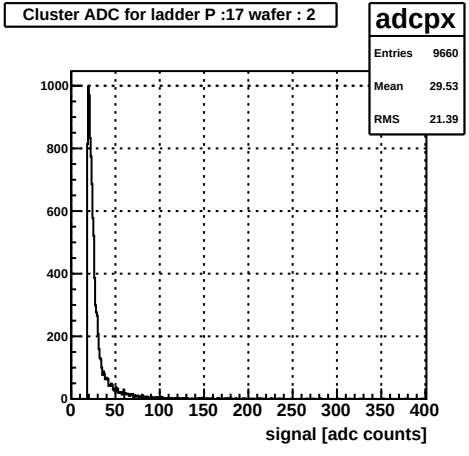

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1582
Mean 99.26
RMS 72.44
signal [adc counts]

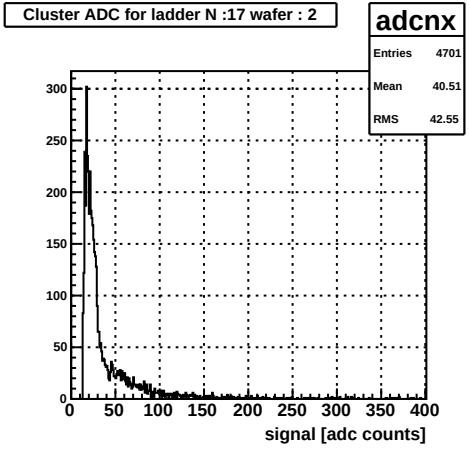

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2745
Mean 45.97
RMS 48.16
signal [adc counts]

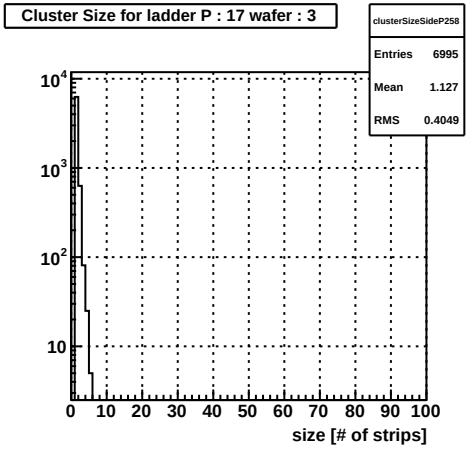

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 9660
Mean 1.091
RMS 0.3562
size [# of strips]

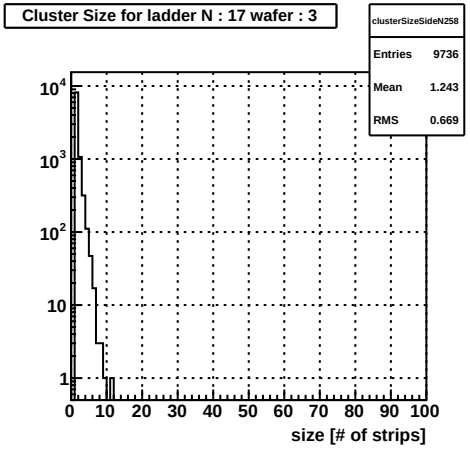

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4701
Mean 1.272
RMS 0.6246
size [# of strips]

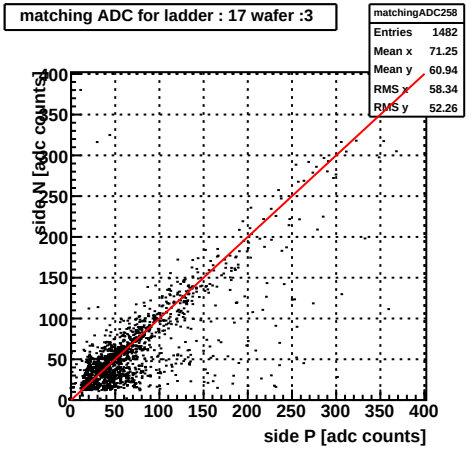

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 331
Mean x 61.01
Mean y 57.01
RMS x 57.97
RMS y 52.18
side N [adc counts]
side P [adc counts]

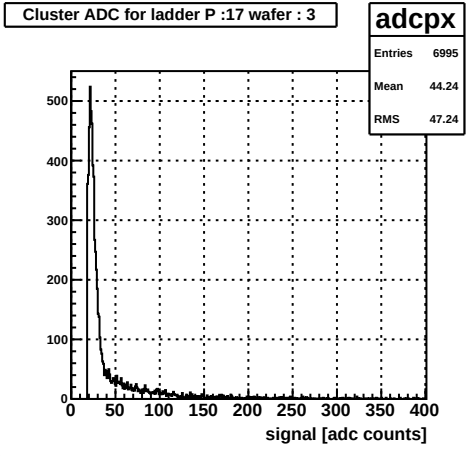

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 9660
Mean 29.53
RMS 21.39
signal [adc counts]

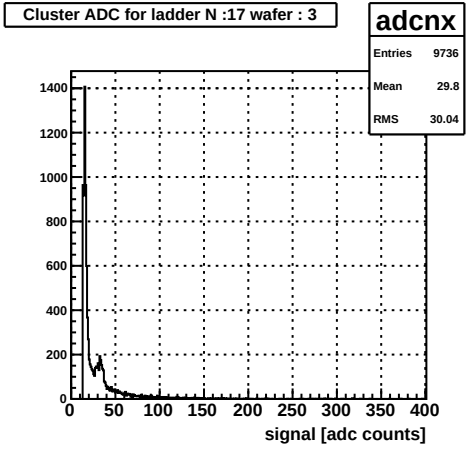

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4701
Mean 40.51
RMS 42.55
signal [adc counts]

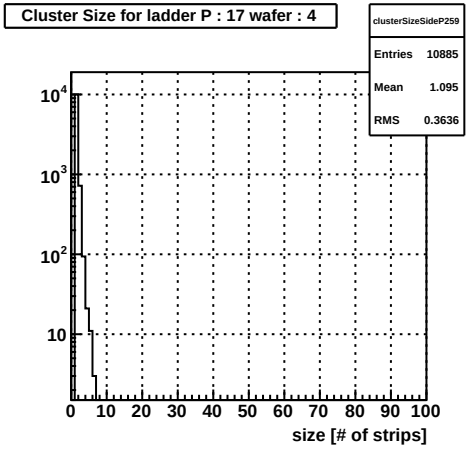

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6995
Mean 1.127
RMS 0.4049
size [# of strips]

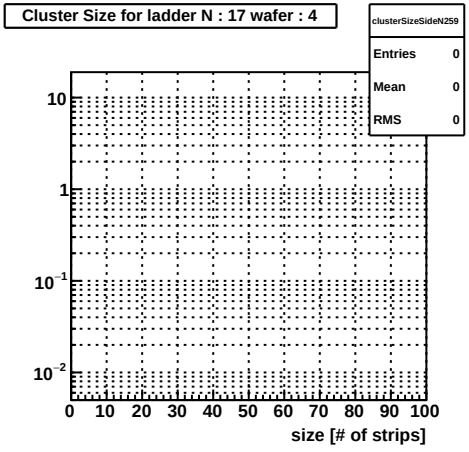

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 9736
Mean 1.243
RMS 0.669
size [# of strips]

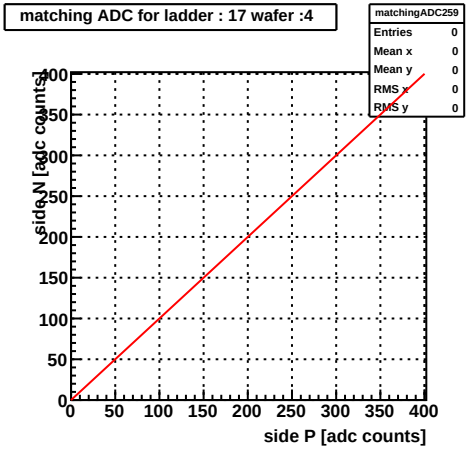

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1482
Mean x 71.25
Mean y 60.94
RMS x 58.34
RMS y 52.26
side N [adc counts]
side P [adc counts]

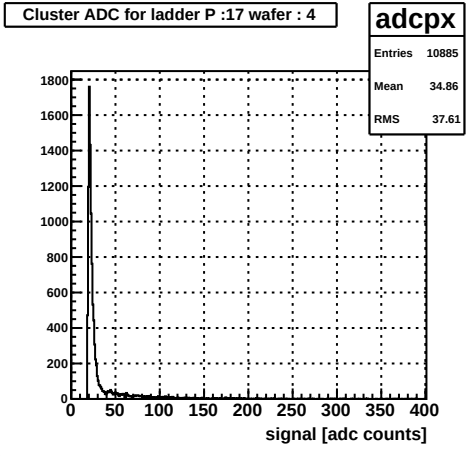

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6995
Mean 44.24
RMS 47.24
signal [adc counts]

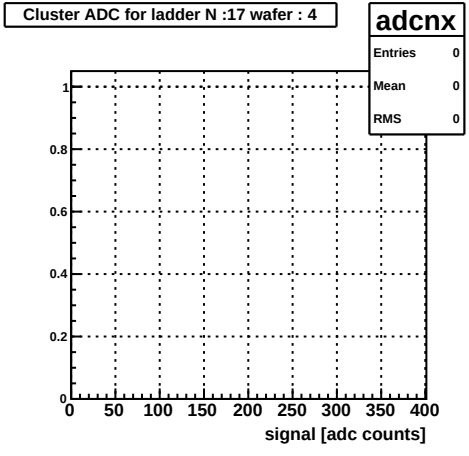

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 9736
Mean 29.8
RMS 30.04
signal [adc counts]

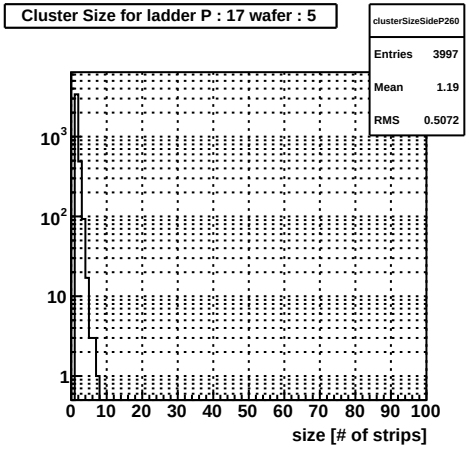

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10885
Mean 1.095
RMS 0.3636
size [# of strips]

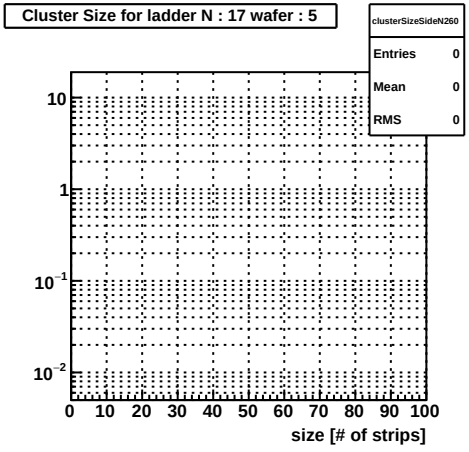

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

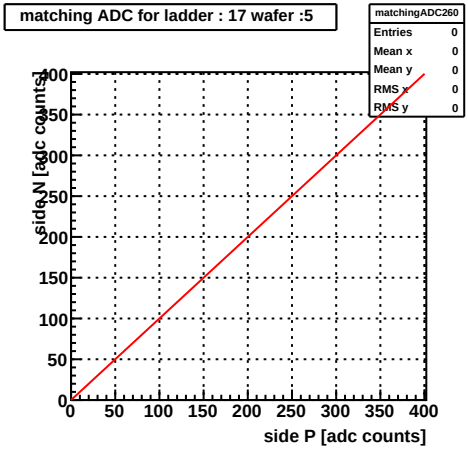

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

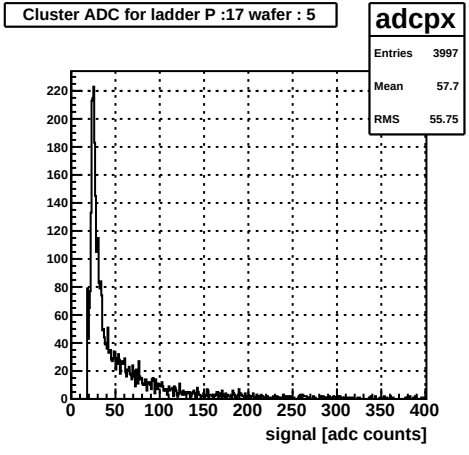

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10885
Mean 34.86
RMS 37.61
signal [adc counts]

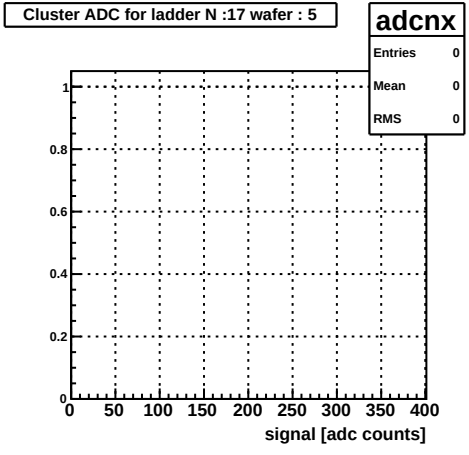

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

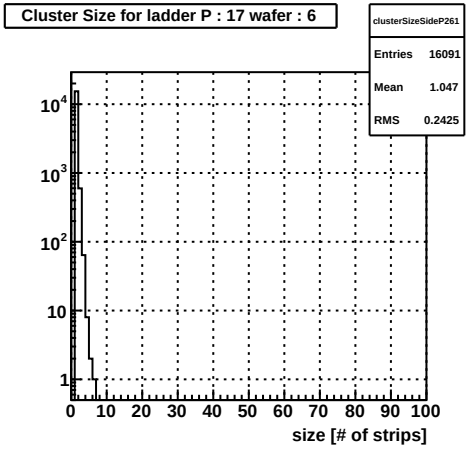

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3997
Mean 1.19
RMS 0.5072
size [# of strips]

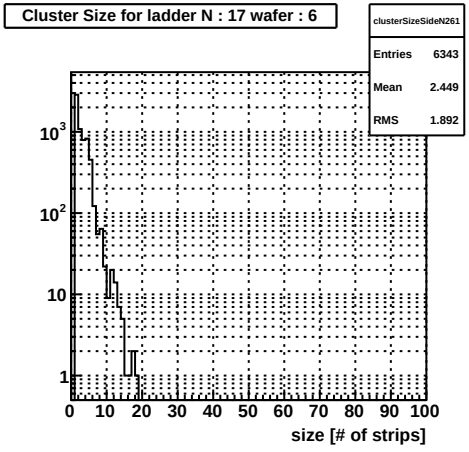

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

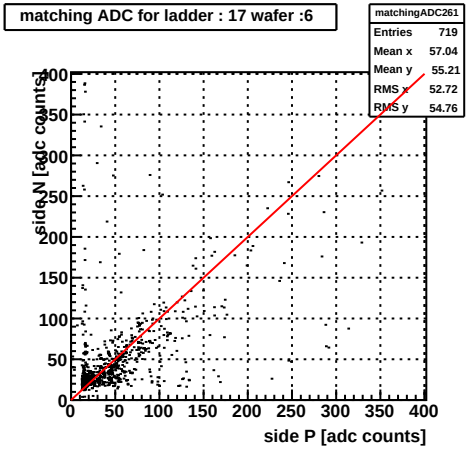

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

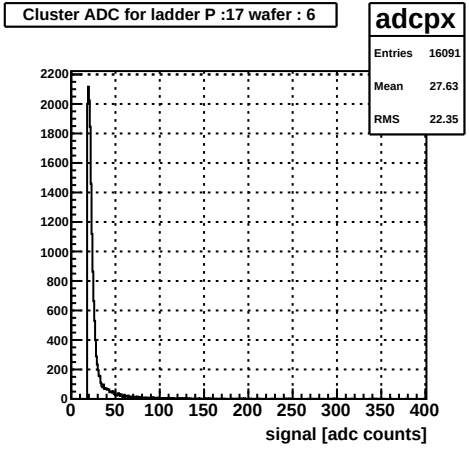

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3997
Mean 57.7
RMS 55.75
signal [adc counts]

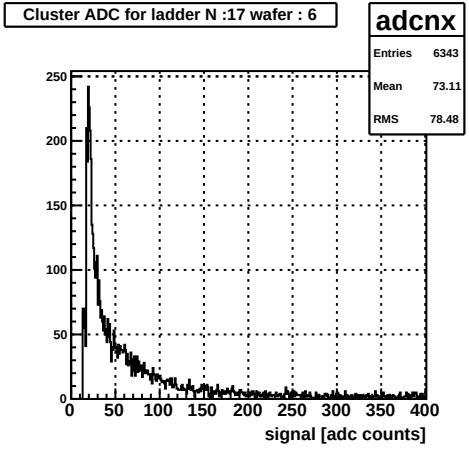

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

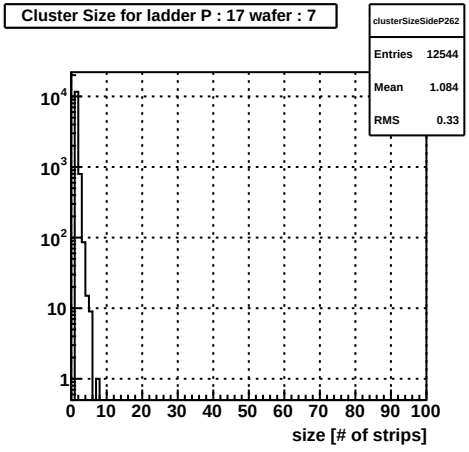

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 16091
Mean 1.047
RMS 0.2425
size [# of strips]

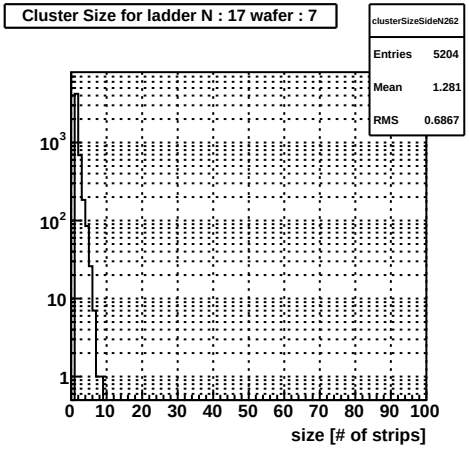

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6343
Mean 2.449
RMS 1.892
size [# of strips]

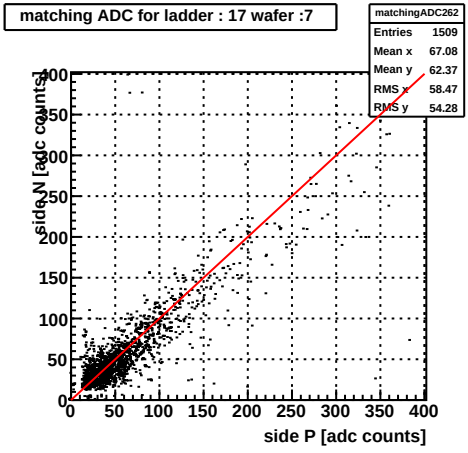

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 719
Mean x 57.04
Mean y 55.21
RMS x 52.72
RMS y 54.76
side N [adc counts]
side P [adc counts]

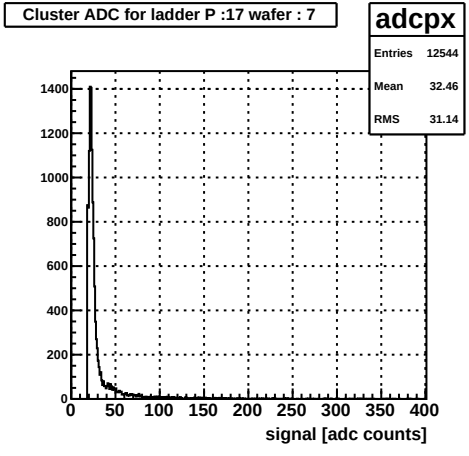

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 16091
Mean 27.63
RMS 22.35
signal [adc counts]

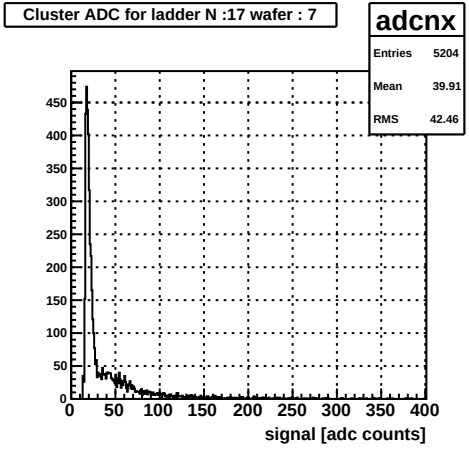

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6343
Mean 73.11
RMS 78.48
signal [adc counts]

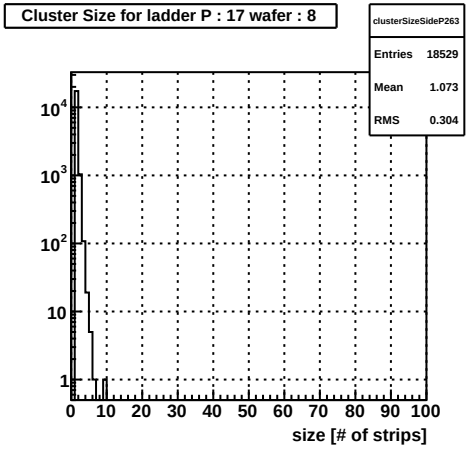

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 12544
Mean 1.084
RMS 0.33
size [# of strips]

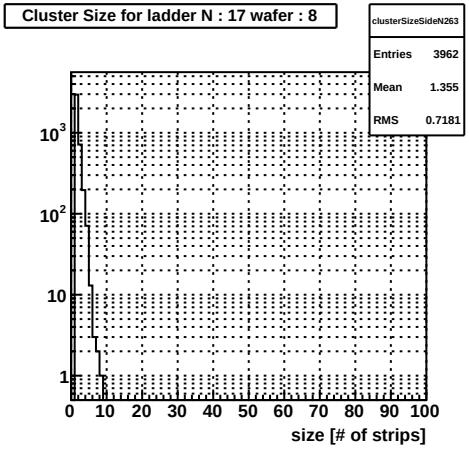

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5204
Mean 1.281
RMS 0.6867
size [# of strips]

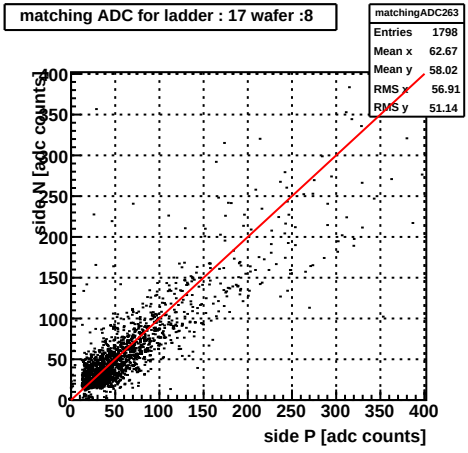

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1509
Mean x 67.08
Mean y 62.37
RMS x 58.47
RMS y 54.28
side N [adc counts]
side P [adc counts]

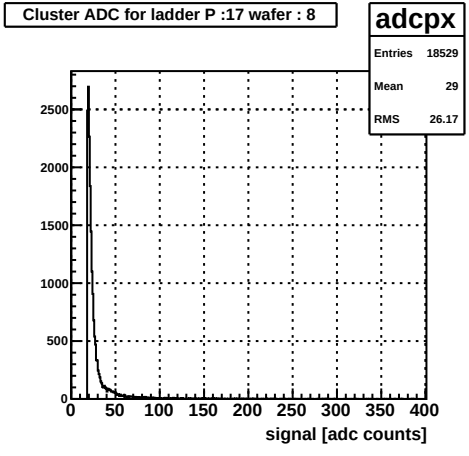

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 12544
Mean 32.46
RMS 31.14
signal [adc counts]

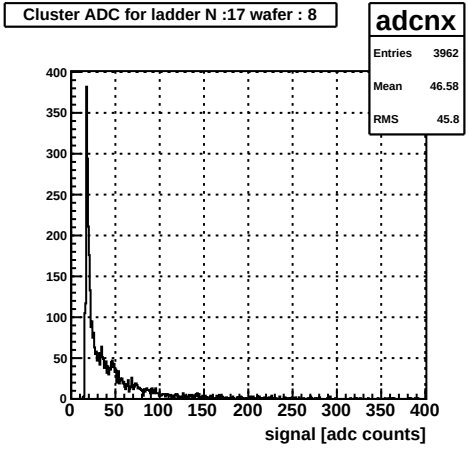

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5204
Mean 39.91
RMS 42.46
signal [adc counts]

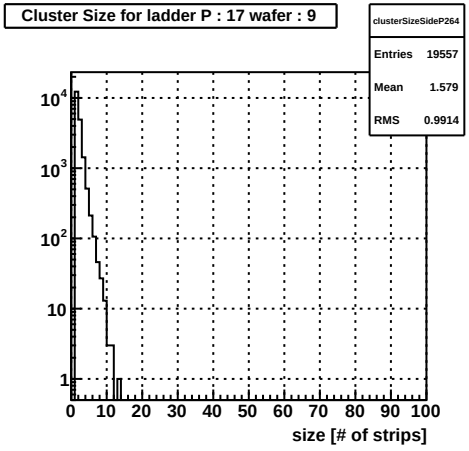

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 18529
Mean 1.073
RMS 0.304
size [# of strips]

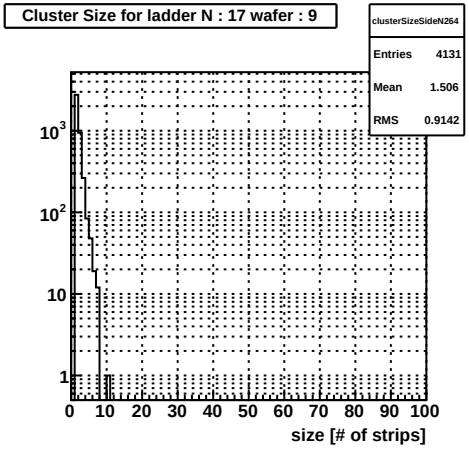

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3962
Mean 1.355
RMS 0.7181
size [# of strips]

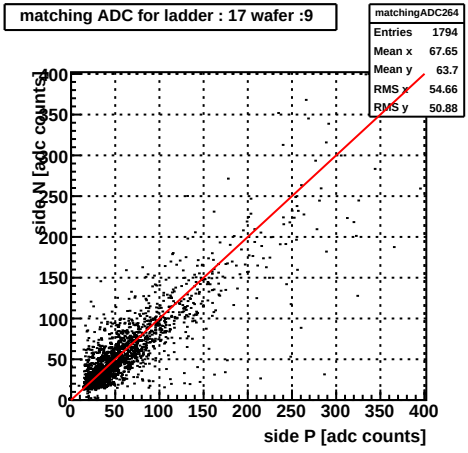

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1798
Mean x 62.67
Mean y 58.02
RMS x 56.91
RMS y 51.14
side N [adc counts]
side P [adc counts]

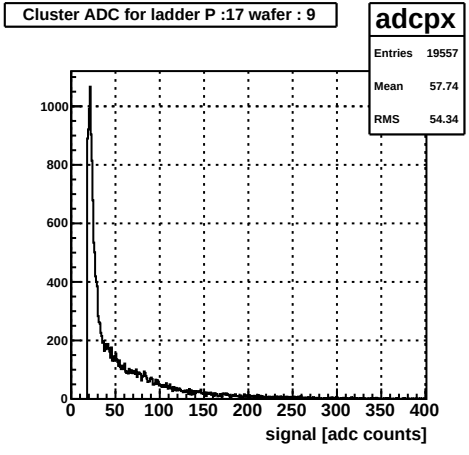

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 18529
Mean 29
RMS 26.17
signal [adc counts]

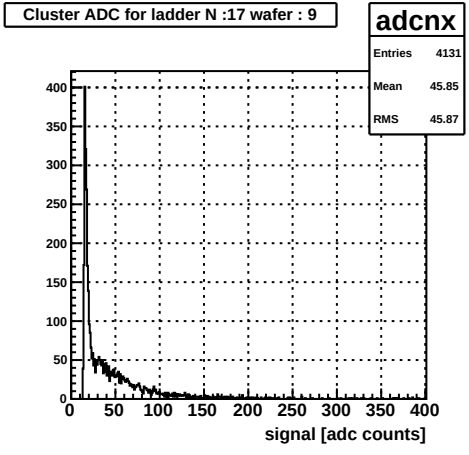

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3962
Mean 46.58
RMS 45.8
signal [adc counts]

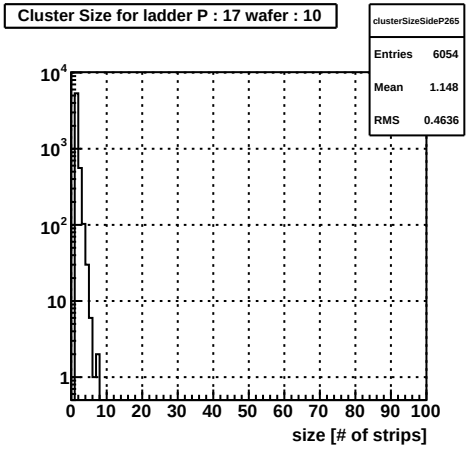

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 19557
Mean 1.579
RMS 0.9914
size [# of strips]

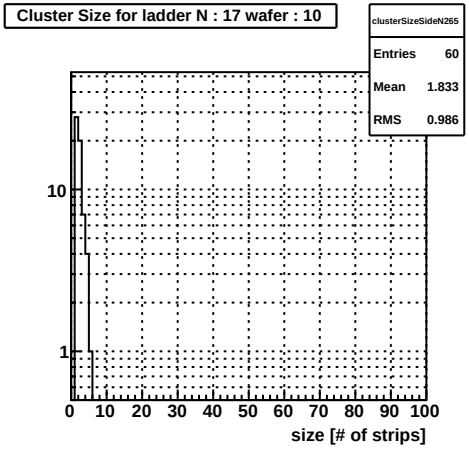

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4131
Mean 1.506
RMS 0.9142
size [# of strips]

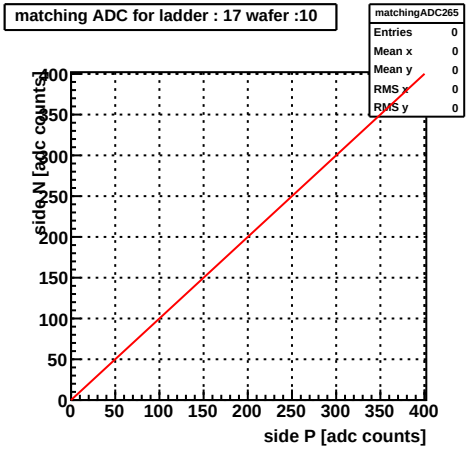

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1794
Mean x 67.65
Mean y 63.7
RMS x 54.66
RMS y 50.88
side N [adc counts]
side P [adc counts]

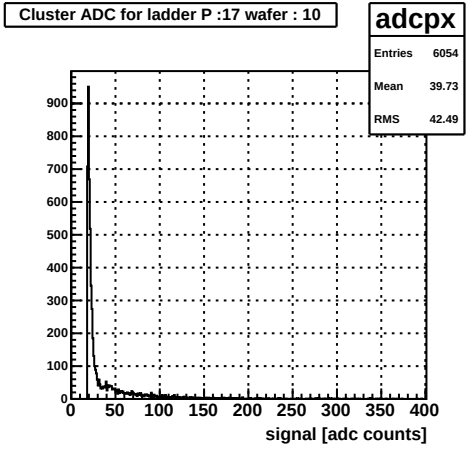

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 19557
Mean 57.74
RMS 54.34
signal [adc counts]

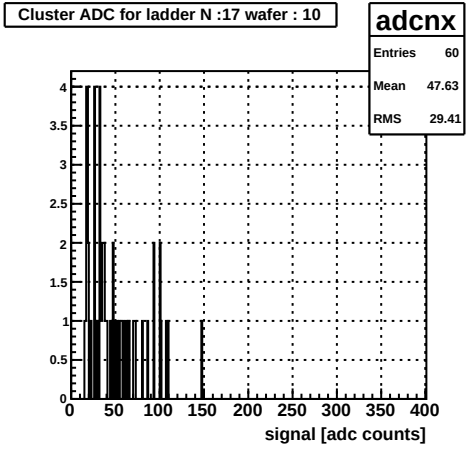

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4131
Mean 45.85
RMS 45.87
signal [adc counts]

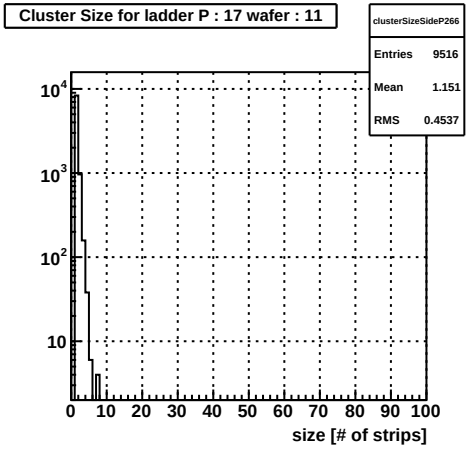

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 6054
Mean 1.148
RMS 0.4636
size [# of strips]

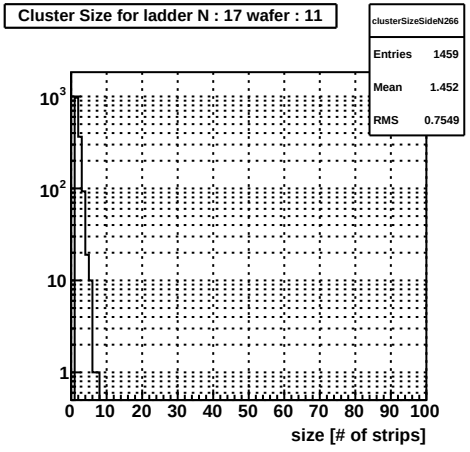

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 60
Mean 1.833
RMS 0.986
size [# of strips]

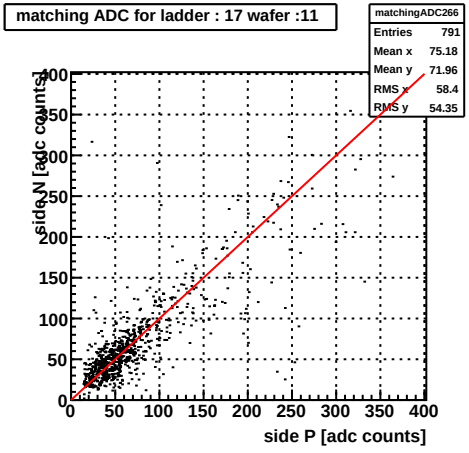

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

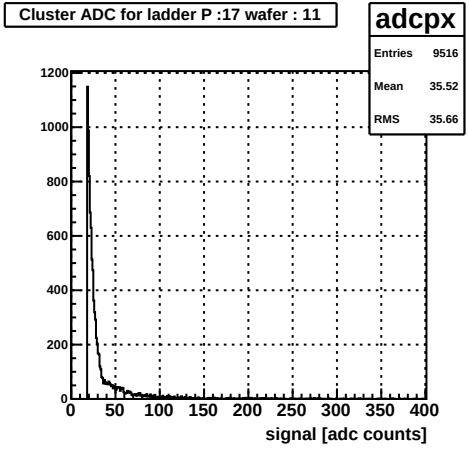

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 6054
Mean 39.73
RMS 42.49
signal [adc counts]

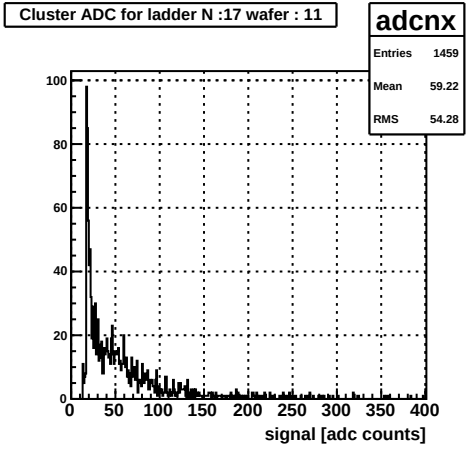

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 60
Mean 47.63
RMS 29.41
signal [adc counts]

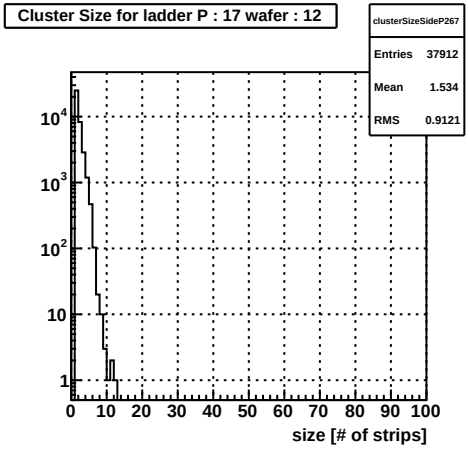

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 9516
Mean 1.151
RMS 0.4537
size [# of strips]

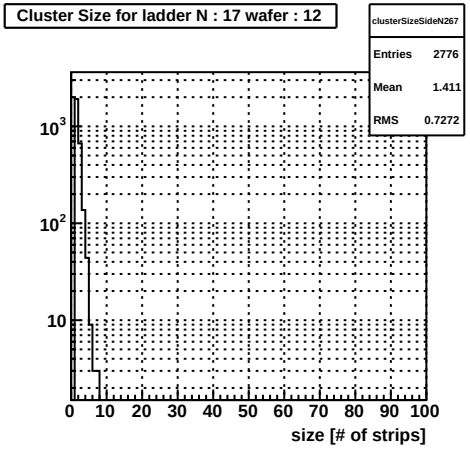

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1459
Mean 1.452
RMS 0.7549
size [# of strips]

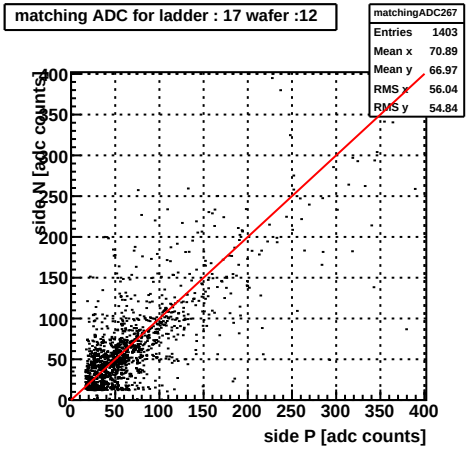

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 791
Mean x 75.18
Mean y 71.96
RMS x 58.4
RMS y 54.35
side N [adc counts]
side P [adc counts]

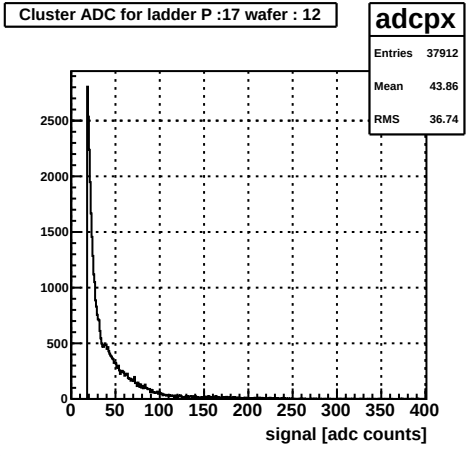

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 9516
Mean 35.52
RMS 35.66
signal [adc counts]

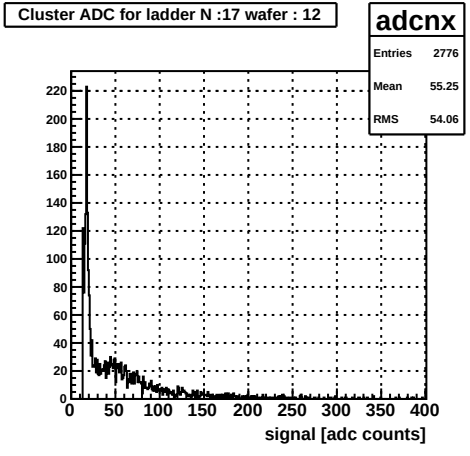

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1459
Mean 59.22
RMS 54.28
signal [adc counts]

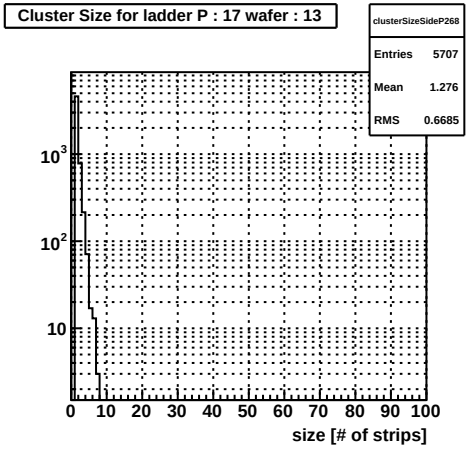

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 37912
Mean 1.534
RMS 0.9121
size [# of strips]

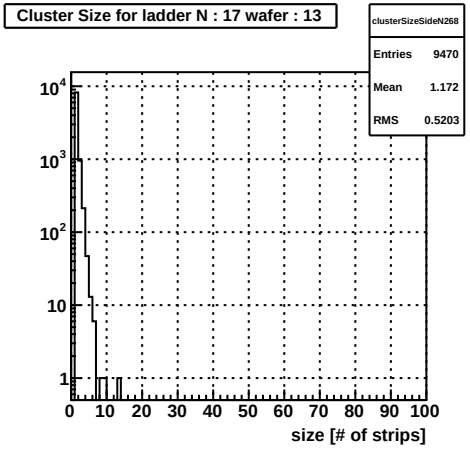

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2776
Mean 1.411
RMS 0.7272
size [# of strips]

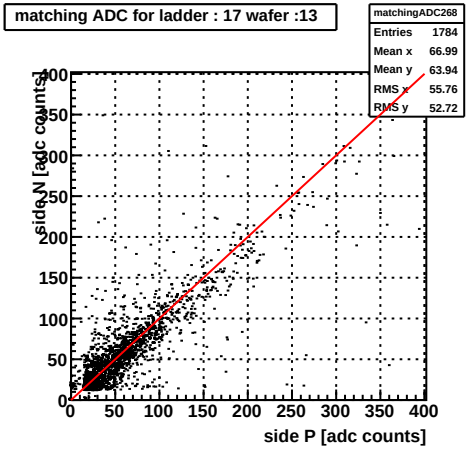

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1403
Mean x 70.89
Mean y 66.97
RMS x 56.04
RMS y 54.84
side N [adc counts]
side P [adc counts]

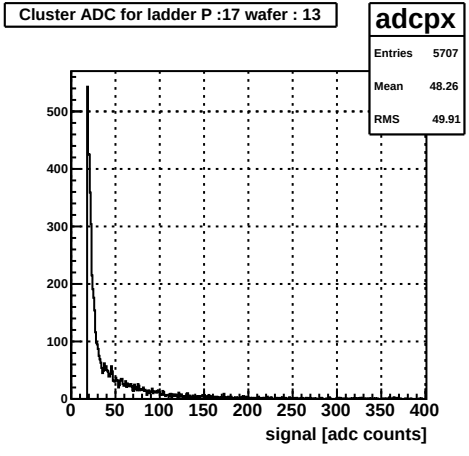

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 37912
Mean 43.86
RMS 36.74
signal [adc counts]

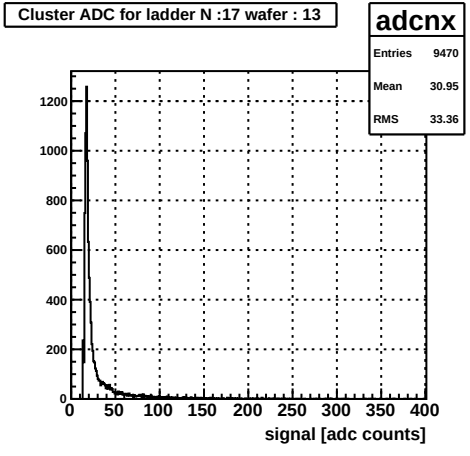

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2776
Mean 55.25
RMS 54.06
signal [adc counts]

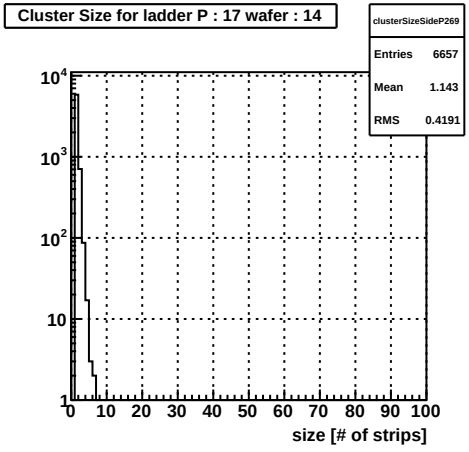

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5707
Mean 1.276
RMS 0.6685
size [# of strips]

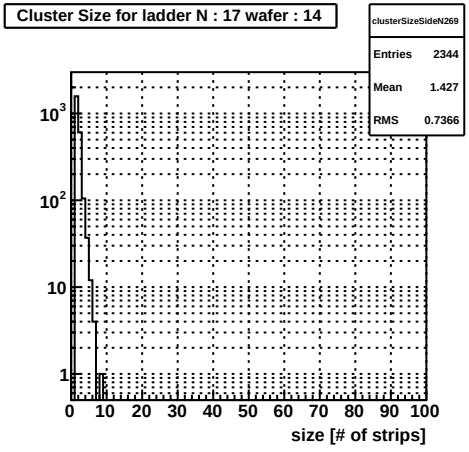

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9470
Mean 1.172
RMS 0.5203
size [# of strips]

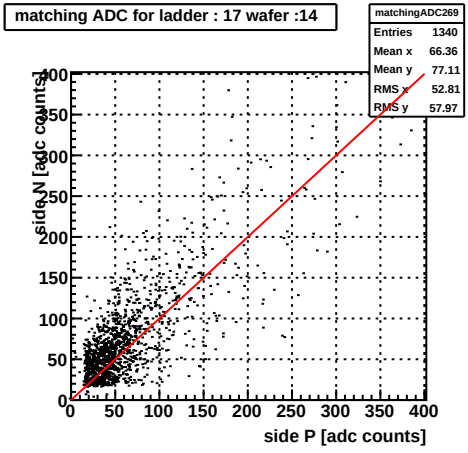

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1784
Mean x 66.99
Mean y 63.94
RMS x 55.76
RMS y 52.72
side N [adc counts]
side P [adc counts]

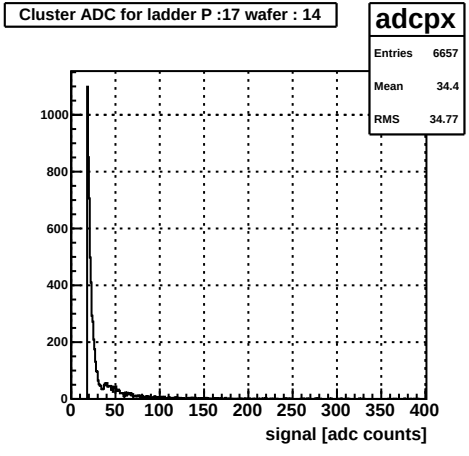

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5707
Mean 48.26
RMS 49.91
signal [adc counts]

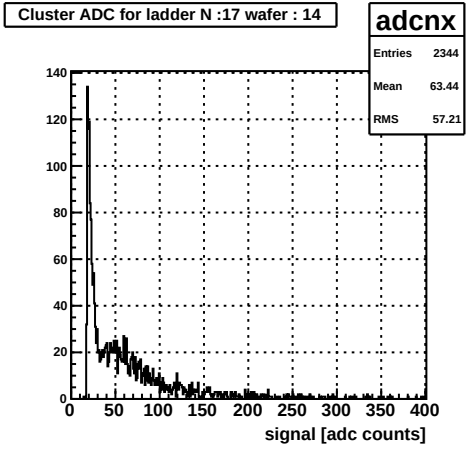

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9470
Mean 30.95
RMS 33.36
signal [adc counts]

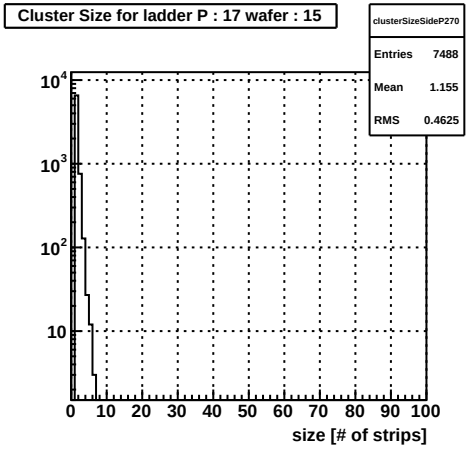

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6657
Mean 1.143
RMS 0.4191
size [# of strips]

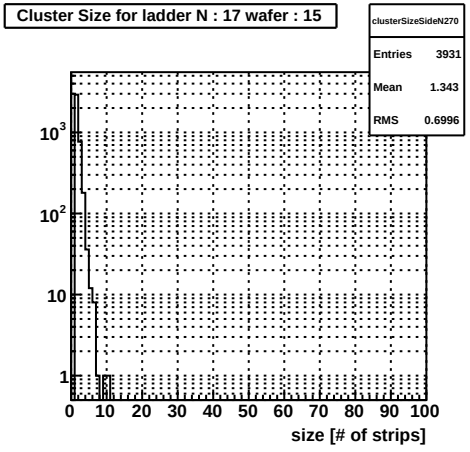

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2344
Mean 1.427
RMS 0.7366
size [# of strips]

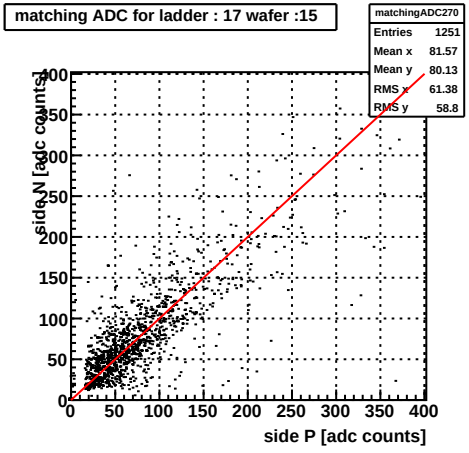

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1340
Mean x 66.36
Mean y 77.11
RMS x 52.81
RMS y 57.97
side N [adc counts]
side P [adc counts]

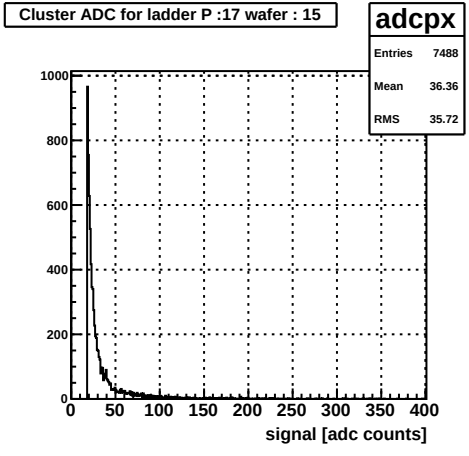

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6657
Mean 34.4
RMS 34.77
signal [adc counts]

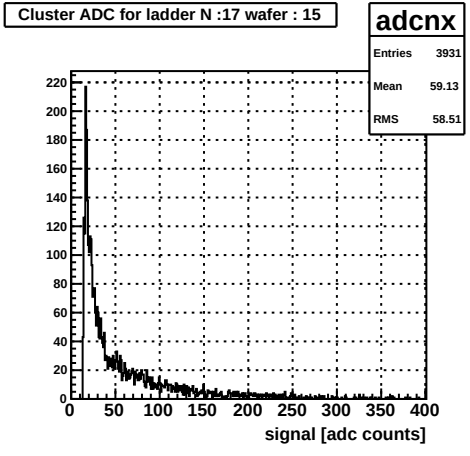

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2344
Mean 63.44
RMS 57.21
signal [adc counts]

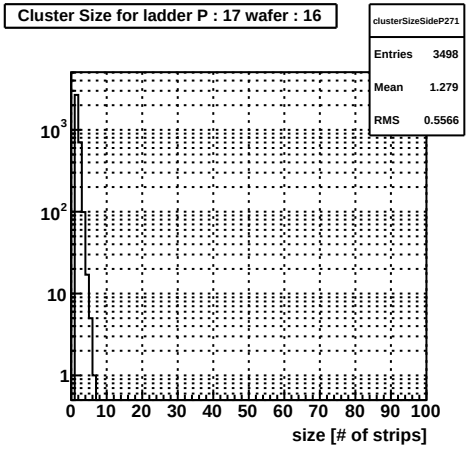

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7488
Mean 1.155
RMS 0.4625
size [# of strips]

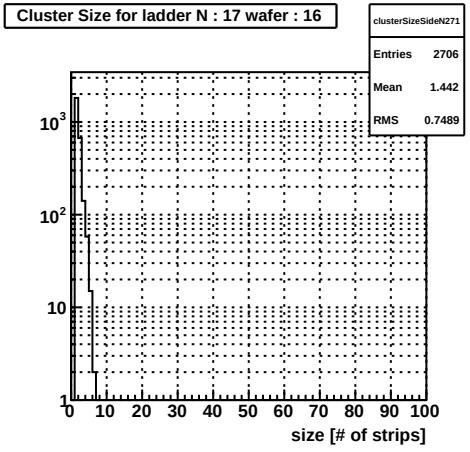

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3931
Mean 1.343
RMS 0.6996
size [# of strips]

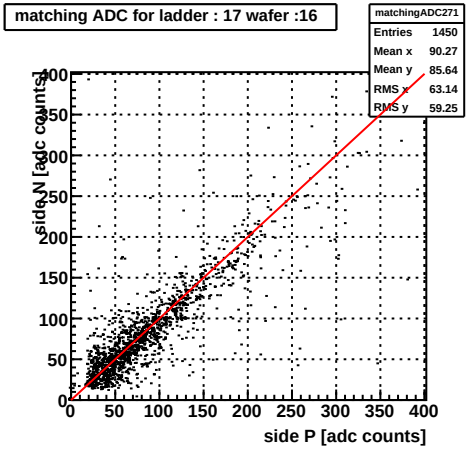

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1251
Mean x 81.57
Mean y 80.13
RMS x 61.38
RMS y 58.8
side N [adc counts]
side P [adc counts]

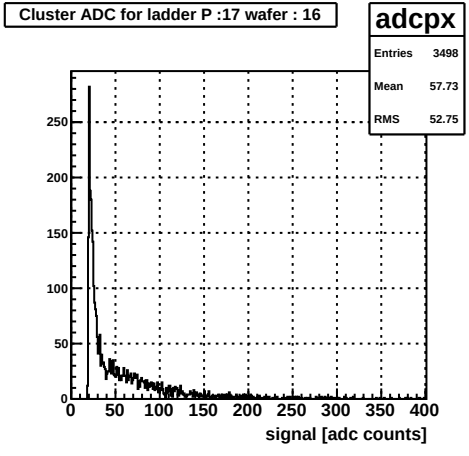

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7488
Mean 36.36
RMS 35.72
signal [adc counts]

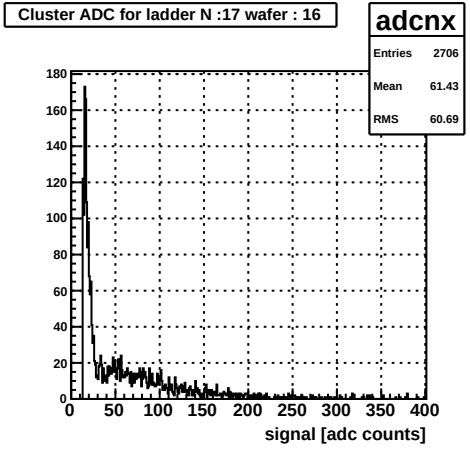

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3931
Mean 59.13
RMS 58.51
signal [adc counts]

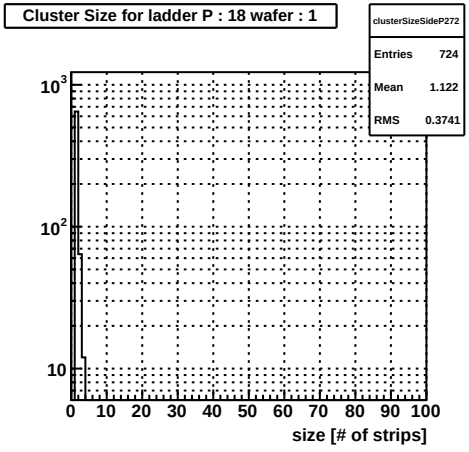

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3498
Mean 1.279
RMS 0.5566
size [# of strips]

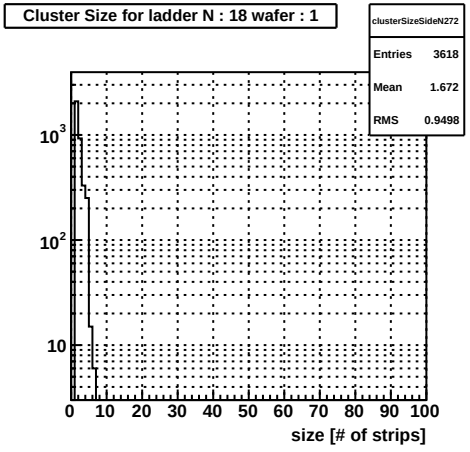

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2706
Mean 1.442
RMS 0.7489
size [# of strips]

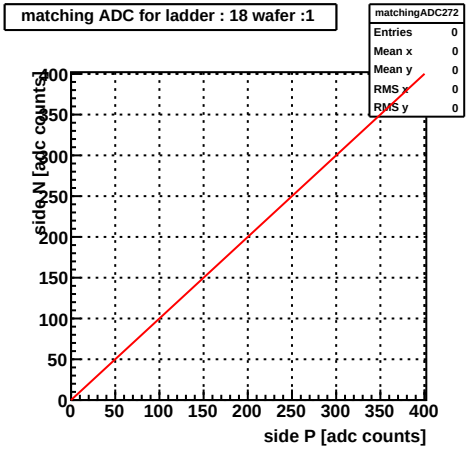

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1450
Mean x 90.27
Mean y 85.64
RMS x 63.14
RMS y 59.25
side N [adc counts]
side P [adc counts]

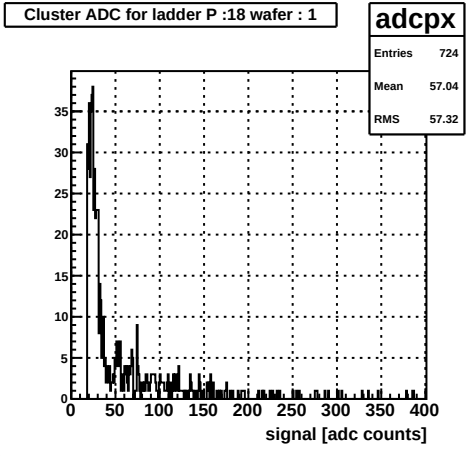

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3498
Mean 57.73
RMS 52.75
signal [adc counts]

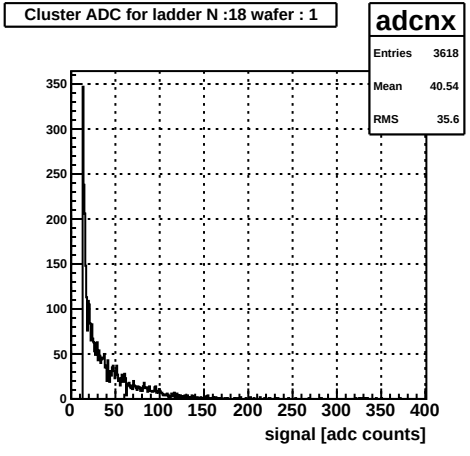

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2706
Mean 61.43
RMS 60.69
signal [adc counts]

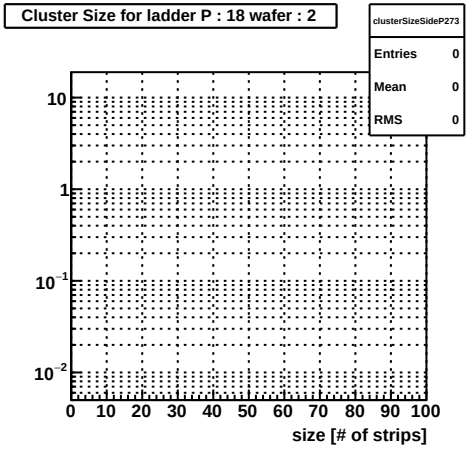

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 724
Mean 1.122
RMS 0.3741
size [# of strips]

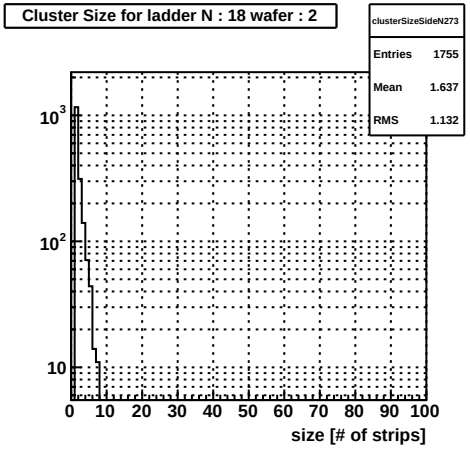

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3618
Mean 1.672
RMS 0.9498
size [# of strips]

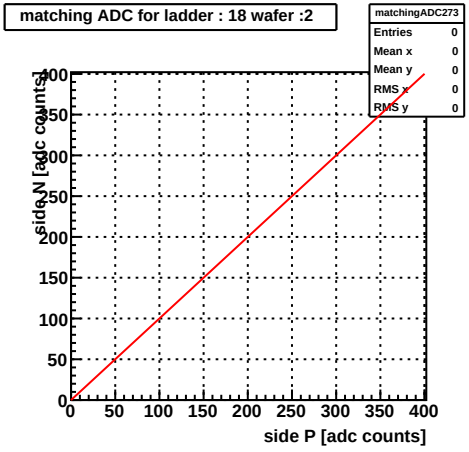

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

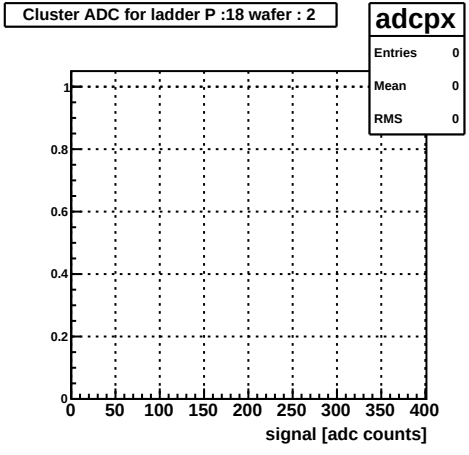

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 724
Mean 57.04
RMS 57.32
signal [adc counts]

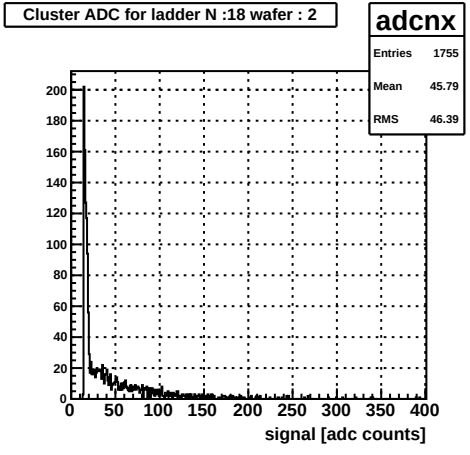

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3618
Mean 40.54
RMS 35.6
signal [adc counts]

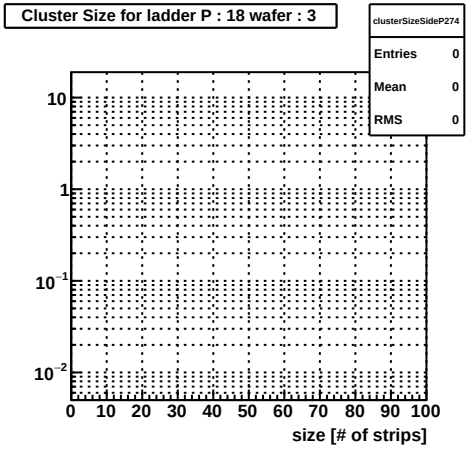

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

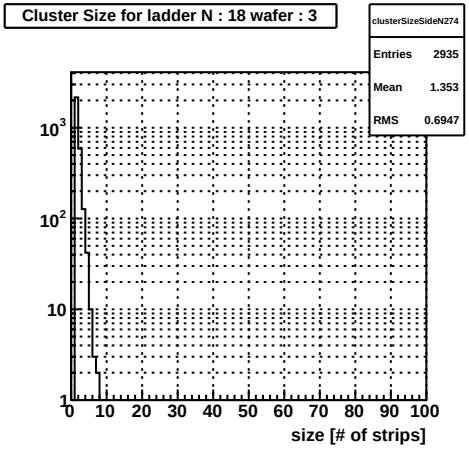

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1755
Mean 1.637
RMS 1.132
size [# of strips]

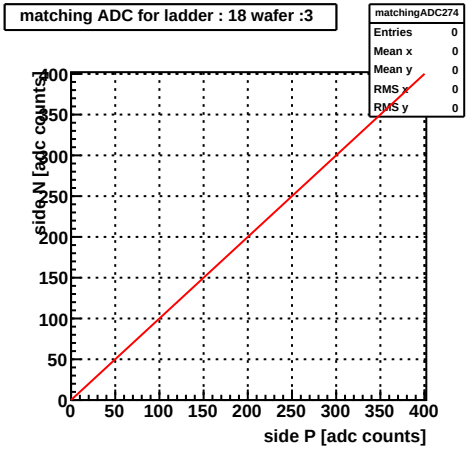

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

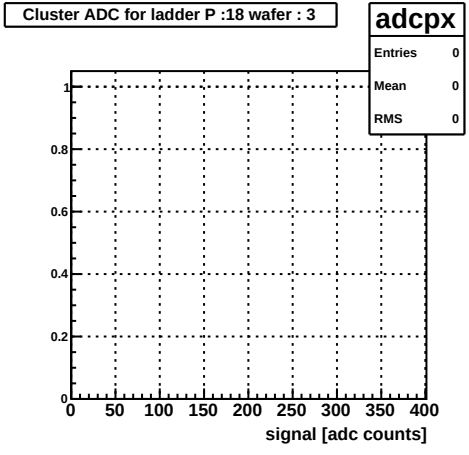

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

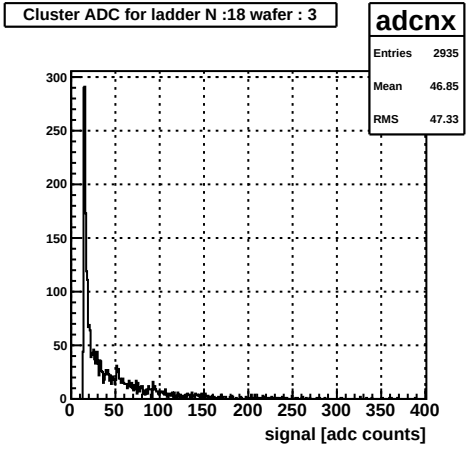

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1755
Mean 45.79
RMS 46.39
signal [adc counts]

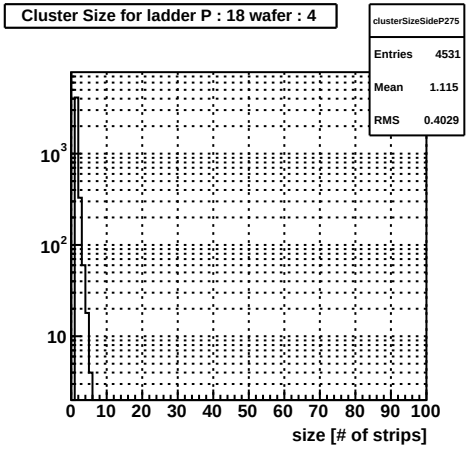

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

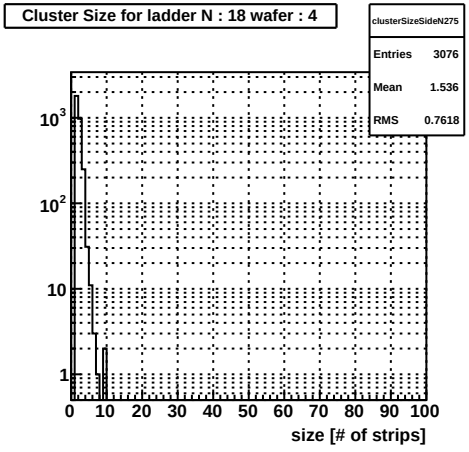

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2935
Mean 1.353
RMS 0.6947
size [# of strips]

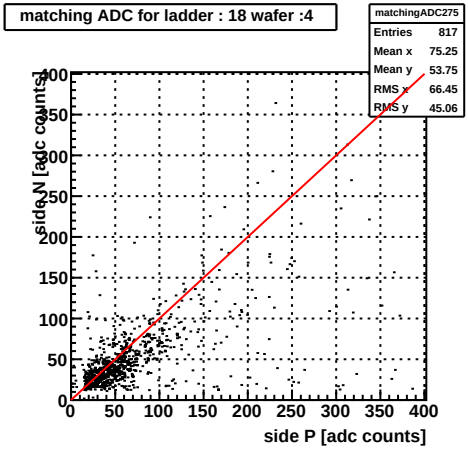

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

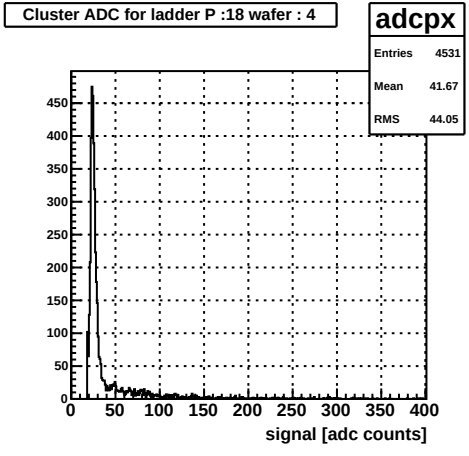

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

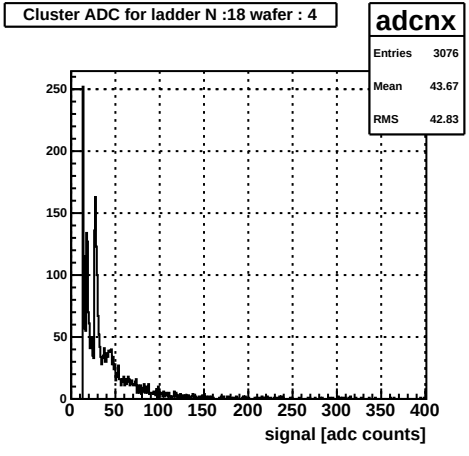

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2935
Mean 46.85
RMS 47.33
signal [adc counts]

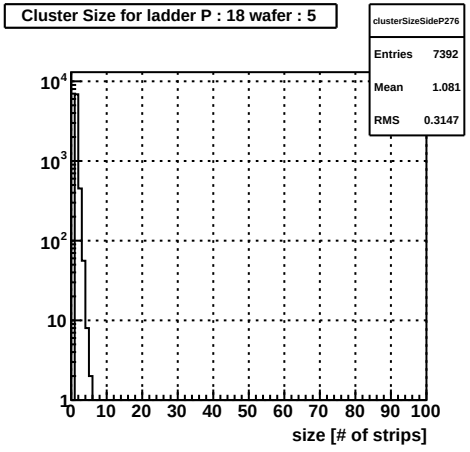

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4531
Mean 1.115
RMS 0.4029
size [# of strips]

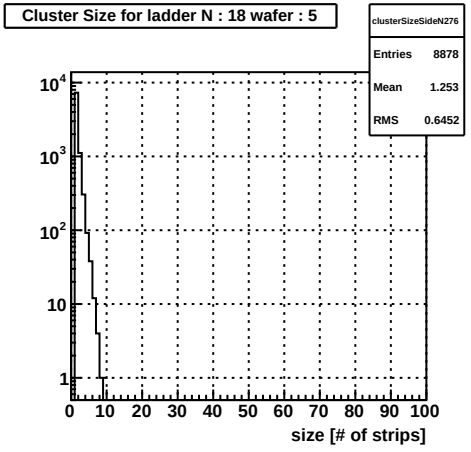

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 3076
Mean 1.536
RMS 0.7618
size [# of strips]

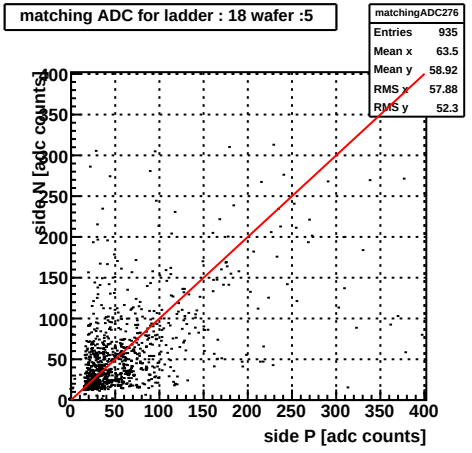

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 817
Mean x 75.25
Mean y 53.75
RMS x 66.45
RMS y 45.06
side N [adc counts]
side P [adc counts]

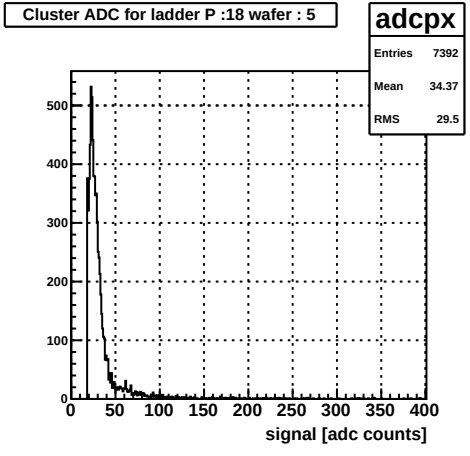

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4531
Mean 41.67
RMS 44.05
signal [adc counts]

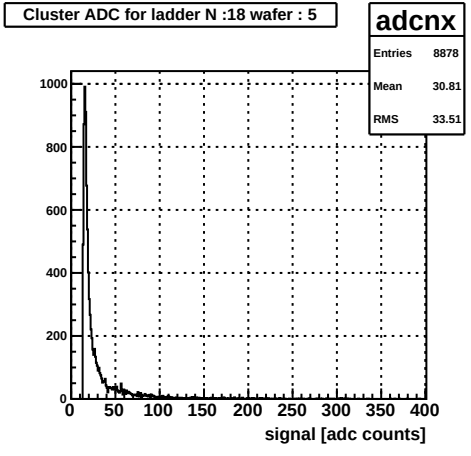

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 3076
Mean 43.67
RMS 42.83
signal [adc counts]

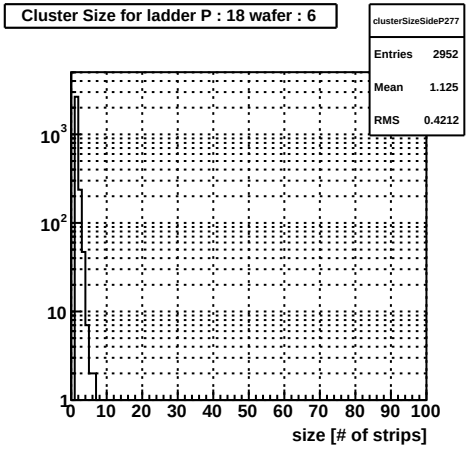

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7392
Mean 1.081
RMS 0.3147
size [# of strips]

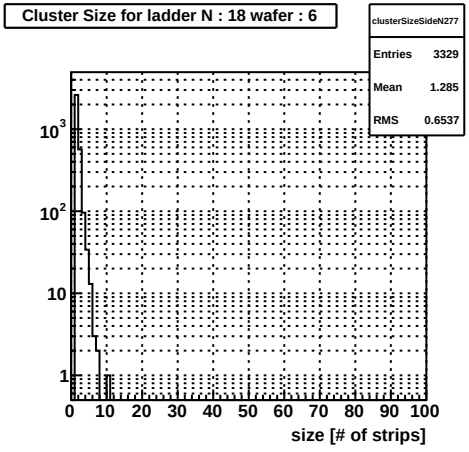

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 8878
Mean 1.253
RMS 0.6452
size [# of strips]

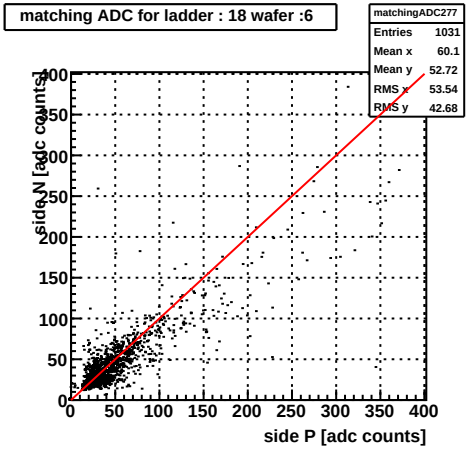

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 935
Mean x 63.5
Mean y 58.92
RMS x 57.88
RMS y 52.3
side N [adc counts]
side P [adc counts]

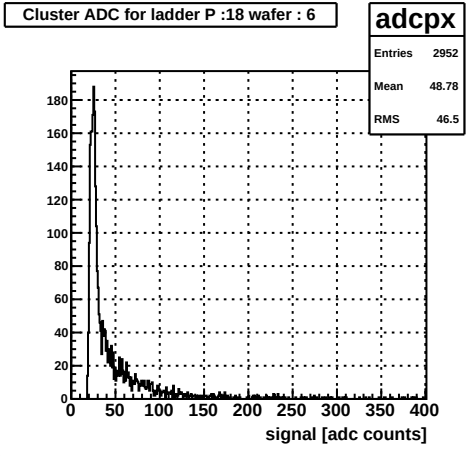

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7392
Mean 34.37
RMS 29.5
signal [adc counts]

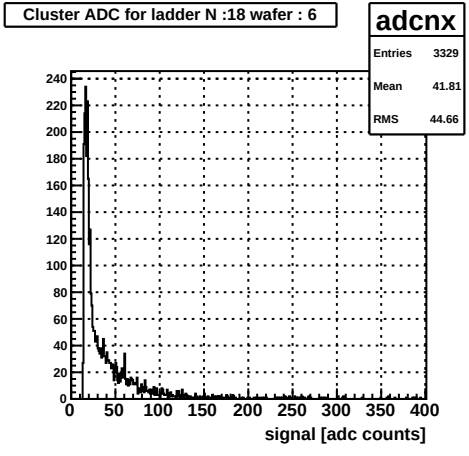

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 8878
Mean 30.81
RMS 33.51
signal [adc counts]

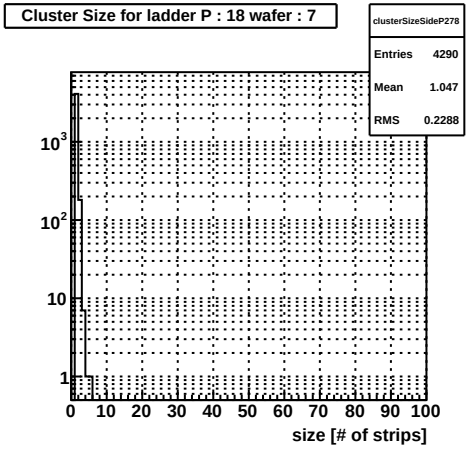

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2952
Mean 1.125
RMS 0.4212
size [# of strips]

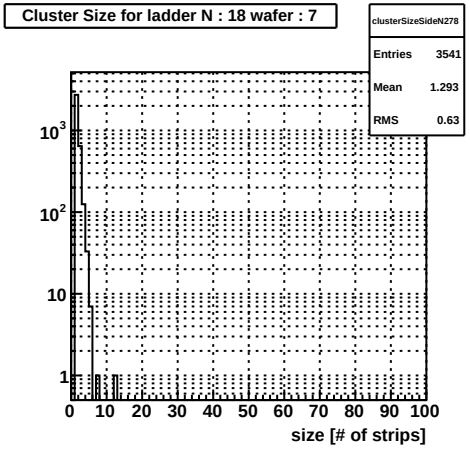

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3329
Mean 1.285
RMS 0.6537
size [# of strips]

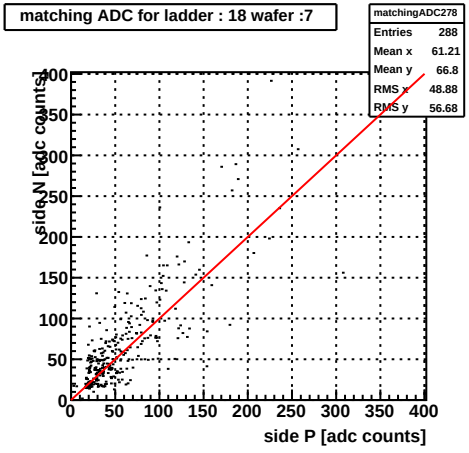

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1031
Mean x 60.1
Mean y 52.72
RMS x 53.54
RMS y 42.68
side N [adc counts]
side P [adc counts]

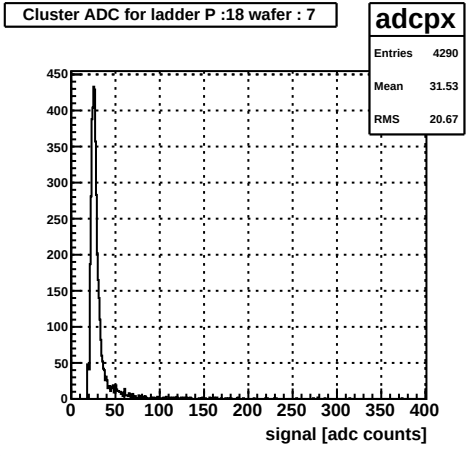

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2952
Mean 48.78
RMS 46.5
signal [adc counts]

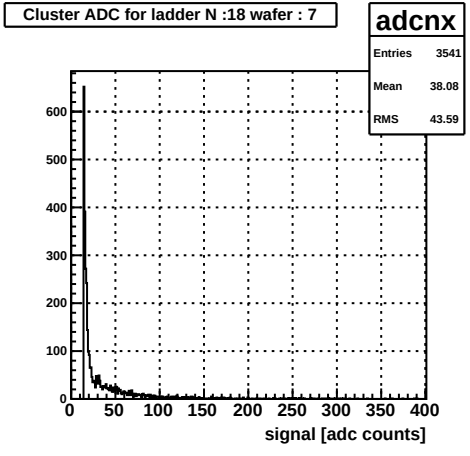

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3329
Mean 41.81
RMS 44.66
signal [adc counts]

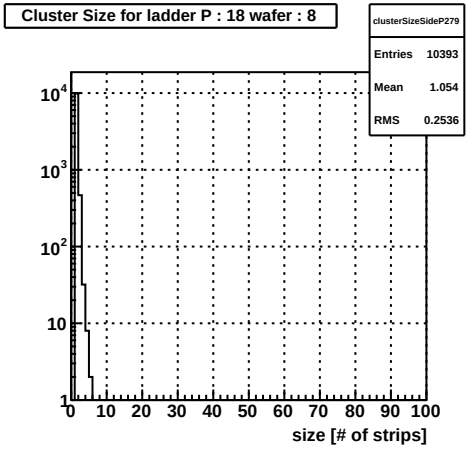

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4290
Mean 1.047
RMS 0.2288
size [# of strips]

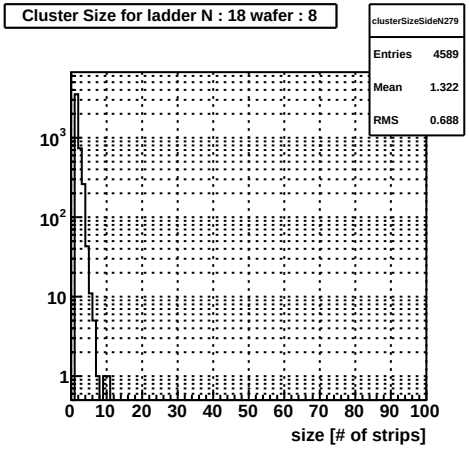

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3541
Mean 1.293
RMS 0.63
size [# of strips]

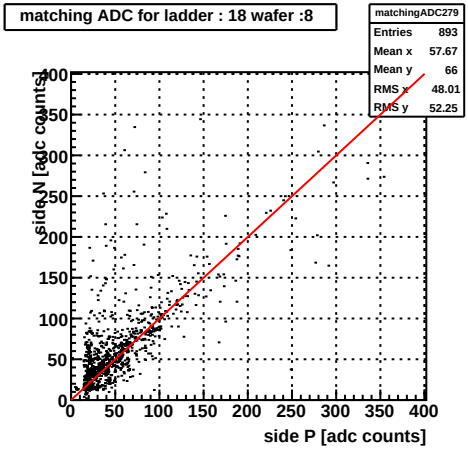

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 288
Mean x 61.21
Mean y 66.8
RMS x 48.88
RMS y 56.68
side N [adc counts]
side P [adc counts]

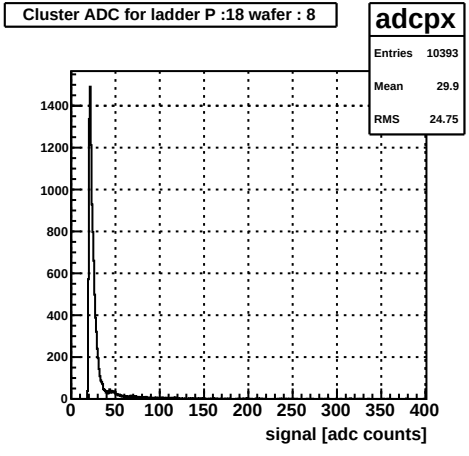

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4290
Mean 31.53
RMS 20.67
signal [adc counts]

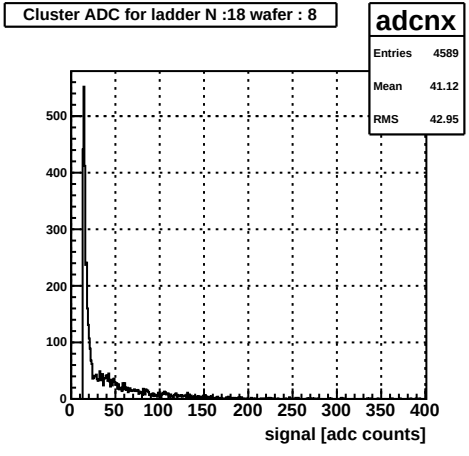

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3541
Mean 38.08
RMS 43.59
signal [adc counts]

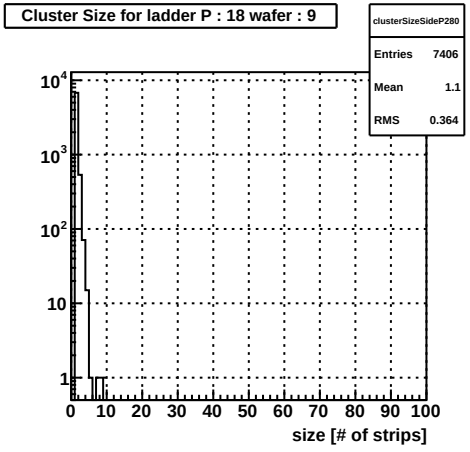

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 10393
Mean 1.054
RMS 0.2536
size [# of strips]

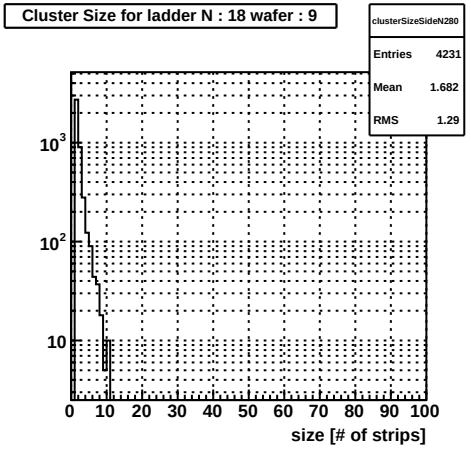

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 4589
Mean 1.322
RMS 0.688
size [# of strips]

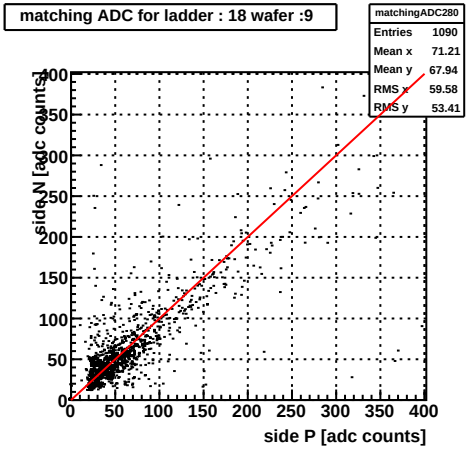

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 893
Mean x 57.67
Mean y 66
RMS x 48.01
RMS y 52.25
side N [adc counts]
side P [adc counts]

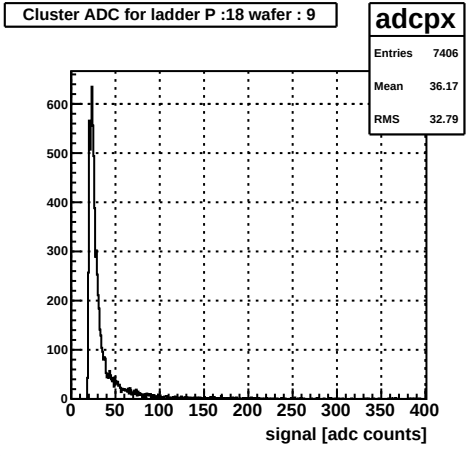

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 10393
Mean 29.9
RMS 24.75
signal [adc counts]

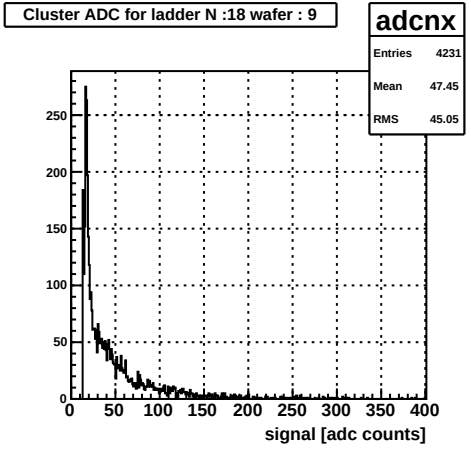

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 4589
Mean 41.12
RMS 42.95
signal [adc counts]

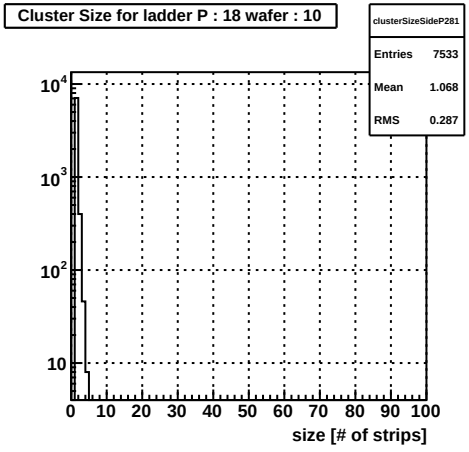

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7406
Mean 1.1
RMS 0.364
size [# of strips]

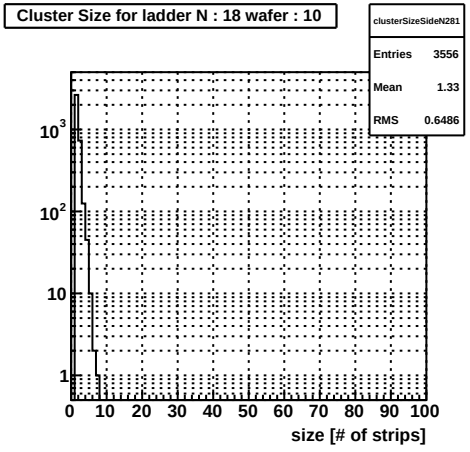

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 4231
Mean 1.682
RMS 1.29
size [# of strips]

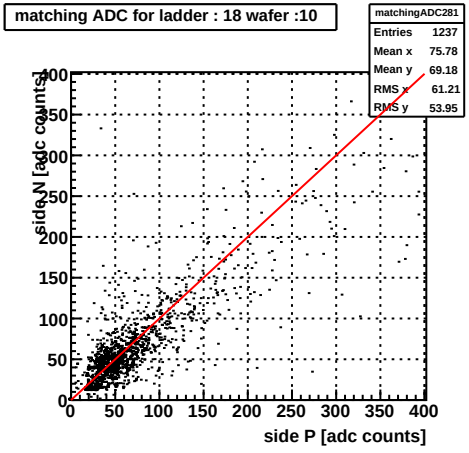

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1090
Mean x 71.21
Mean y 67.94
RMS x 59.58
RMS y 53.41
side N [adc counts]
side P [adc counts]

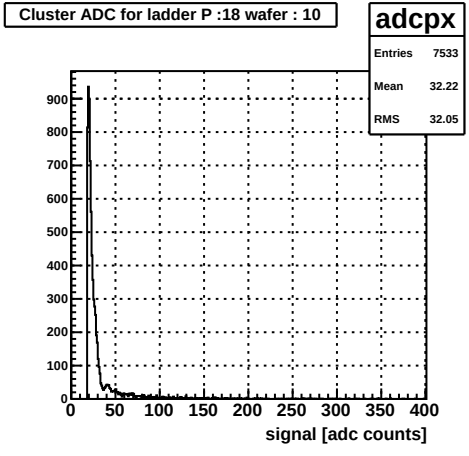

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7406
Mean 36.17
RMS 32.79
signal [adc counts]

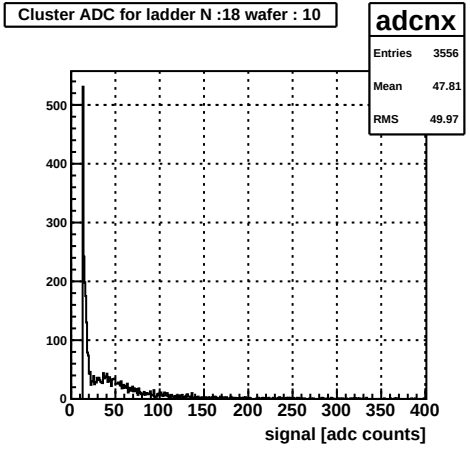

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 4231
Mean 47.45
RMS 45.05
signal [adc counts]

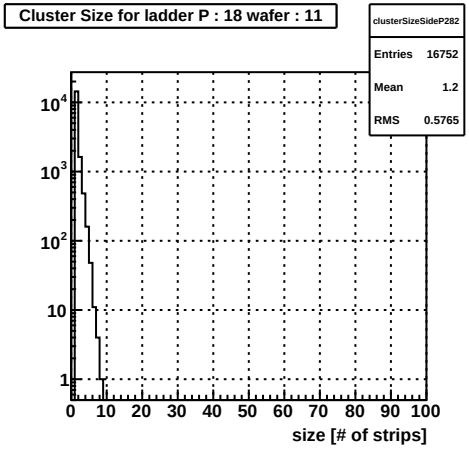

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7533
Mean 1.068
RMS 0.287
size [# of strips]

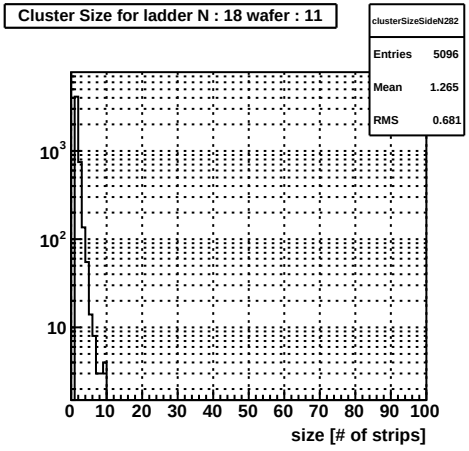

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3556
Mean 1.33
RMS 0.6486
size [# of strips]

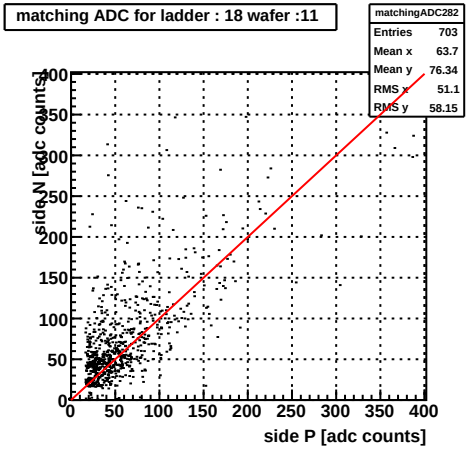

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1237
Mean x 75.78
Mean y 69.18
RMS x 61.21
RMS y 53.95
side N [adc counts]
side P [adc counts]

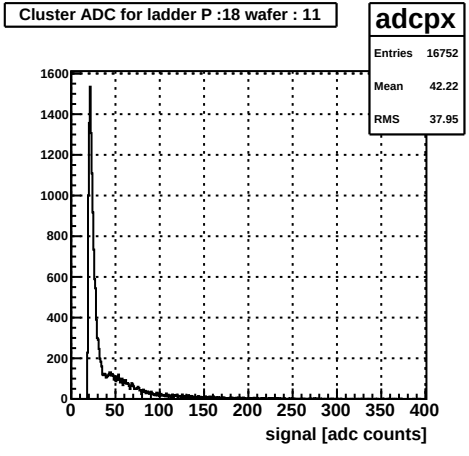

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7533
Mean 32.22
RMS 32.05
signal [adc counts]

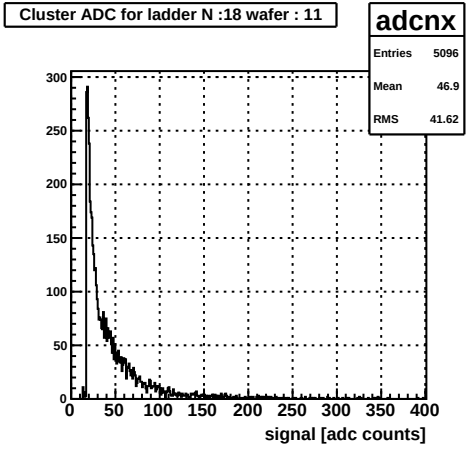

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3556
Mean 47.81
RMS 49.97
signal [adc counts]

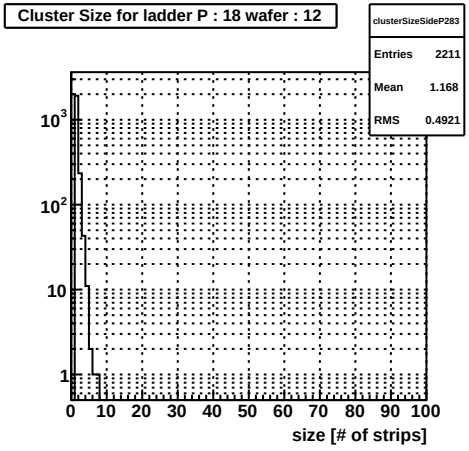

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 16752
Mean 1.2
RMS 0.5765
size [# of strips]

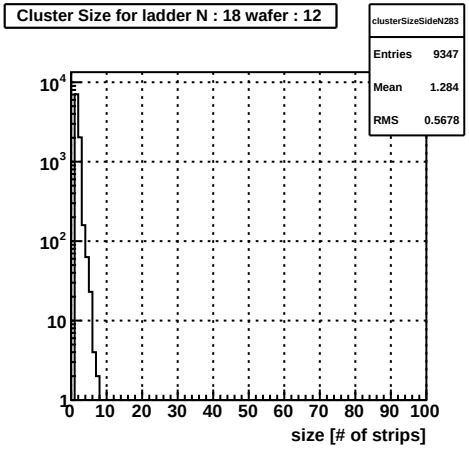

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 5096
Mean 1.265
RMS 0.681
size [# of strips]

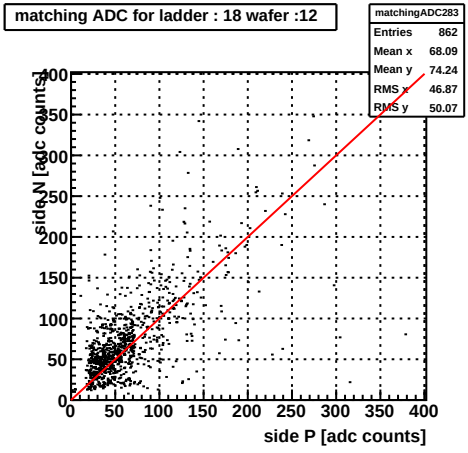

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 703
Mean x 63.7
Mean y 76.34
RMS x 51.1
RMS y 58.15
side N [adc counts]
side P [adc counts]

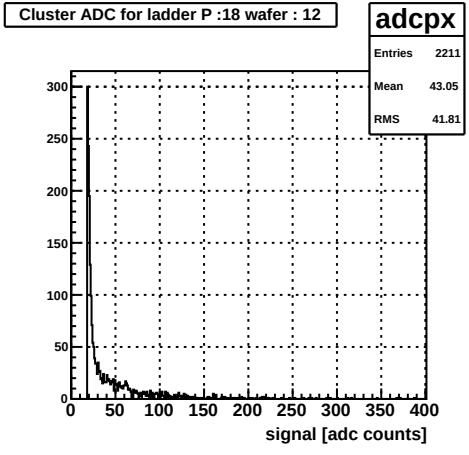

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 16752
Mean 42.22
RMS 37.95
signal [adc counts]

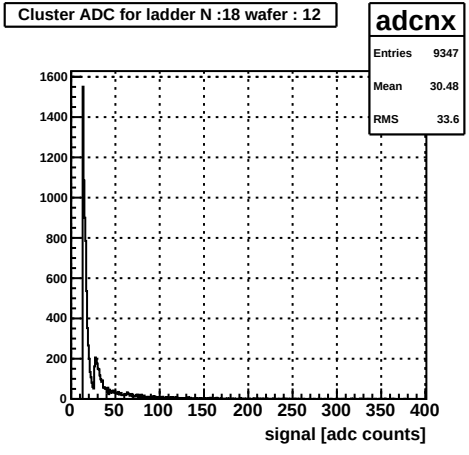

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 5096
Mean 46.9
RMS 41.62
signal [adc counts]

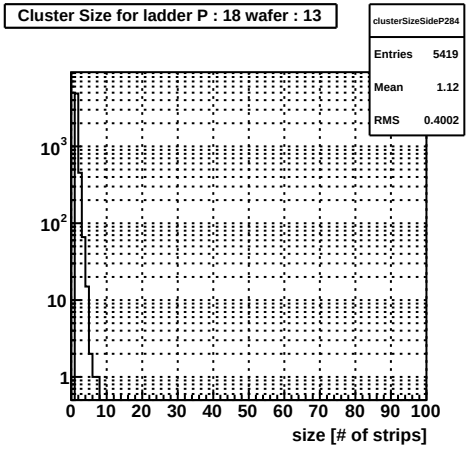

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2211
Mean 1.168
RMS 0.4921
size [# of strips]

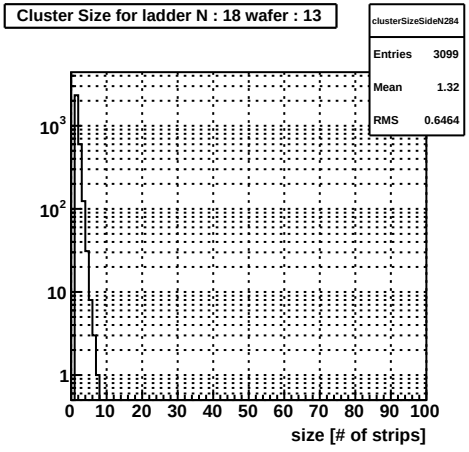

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 9347
Mean 1.284
RMS 0.5678
size [# of strips]

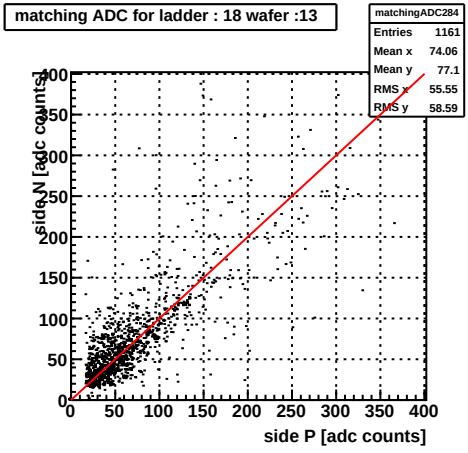

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 862
Mean x 68.09
Mean y 74.24
RMS x 46.87
RMS y 50.07
side N [adc counts]
side P [adc counts]

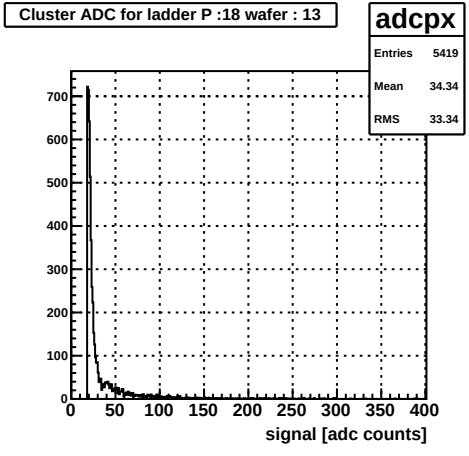

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2211
Mean 43.05
RMS 41.81
signal [adc counts]

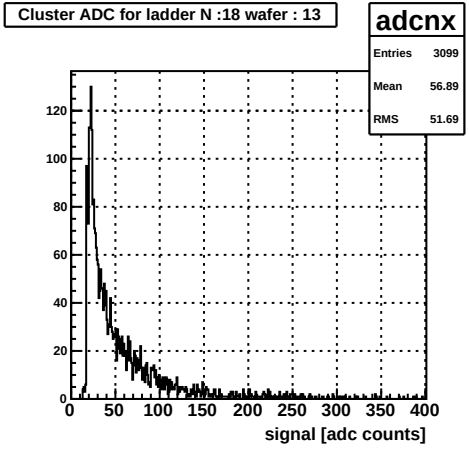

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 9347
Mean 30.48
RMS 33.6
signal [adc counts]

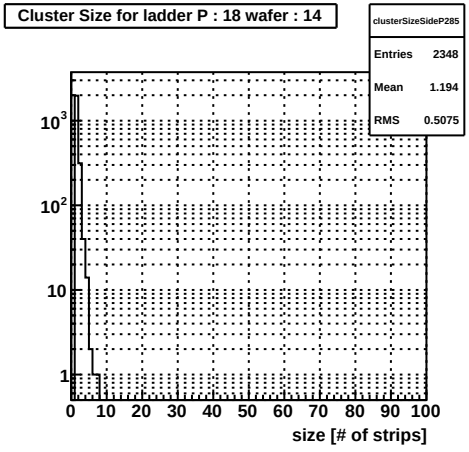

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5419
Mean 1.12
RMS 0.4002
size [# of strips]

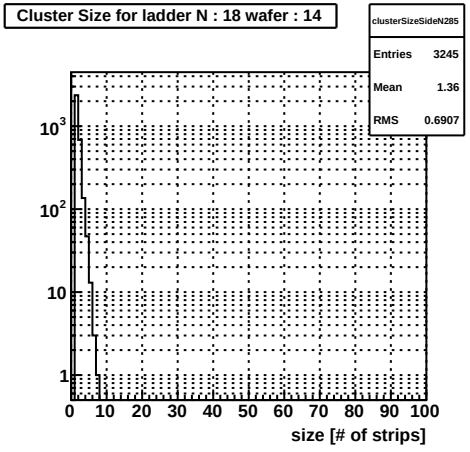

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3099
Mean 1.32
RMS 0.6464
size [# of strips]

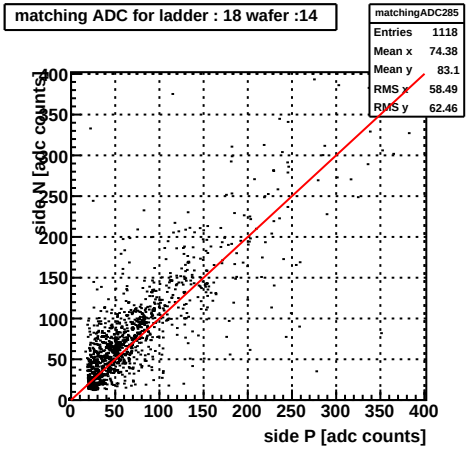

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1161
Mean x 74.06
Mean y 77.1
RMS x 55.55
RMS y 58.59
side N [adc counts]
side P [adc counts]

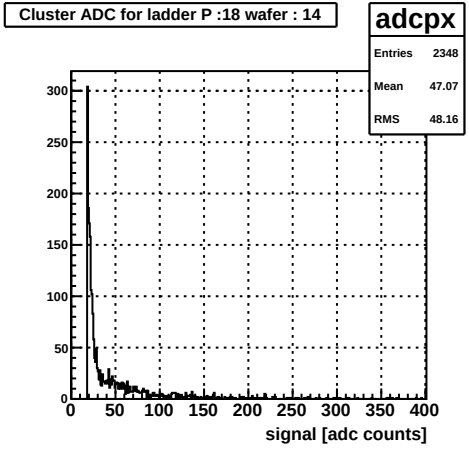

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5419
Mean 34.34
RMS 33.34
signal [adc counts]

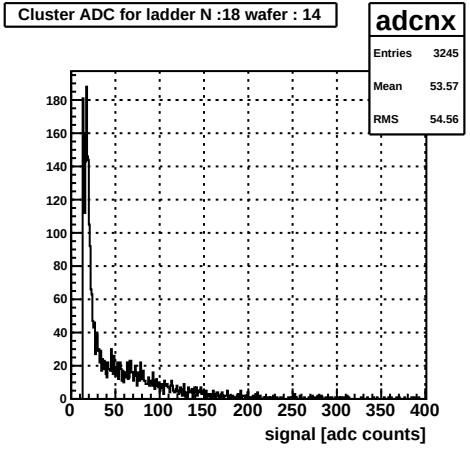

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3099
Mean 56.89
RMS 51.69
signal [adc counts]

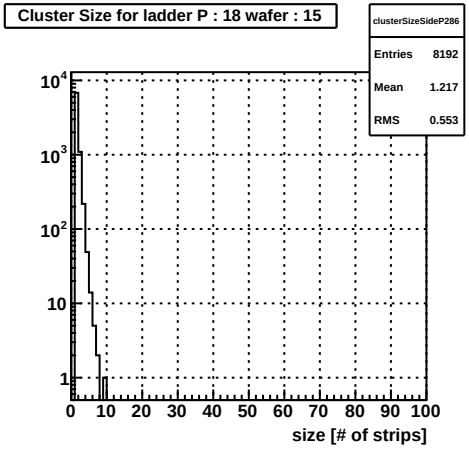

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2348
Mean 1.194
RMS 0.5075
size [# of strips]

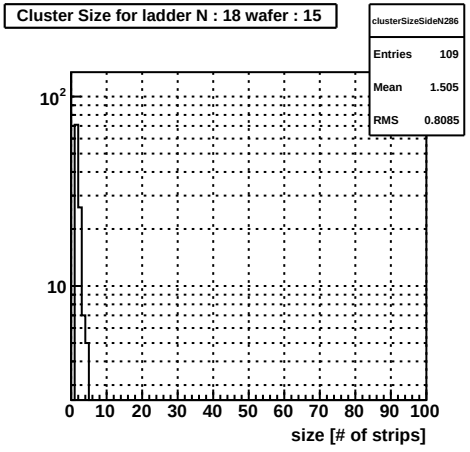

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3245
Mean 1.36
RMS 0.6907
size [# of strips]

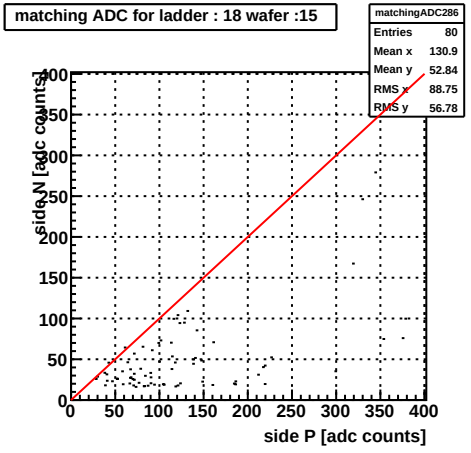

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1118
Mean x 74.38
Mean y 83.1
RMS x 58.49
RMS y 62.46
side N [adc counts]
side P [adc counts]

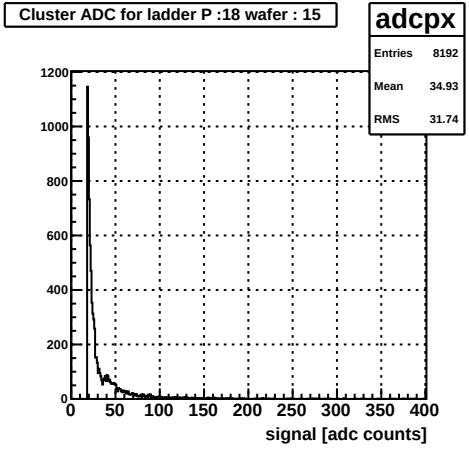

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2348
Mean 47.07
RMS 48.16
signal [adc counts]

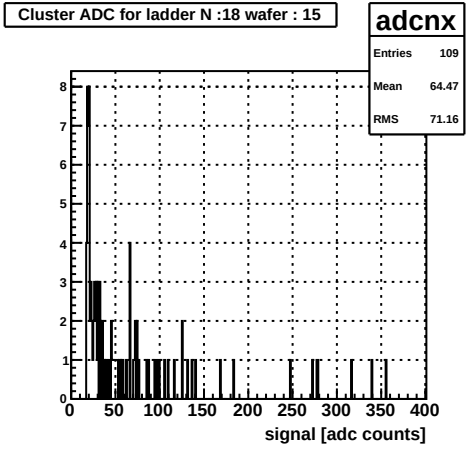

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3245
Mean 53.57
RMS 54.56
signal [adc counts]

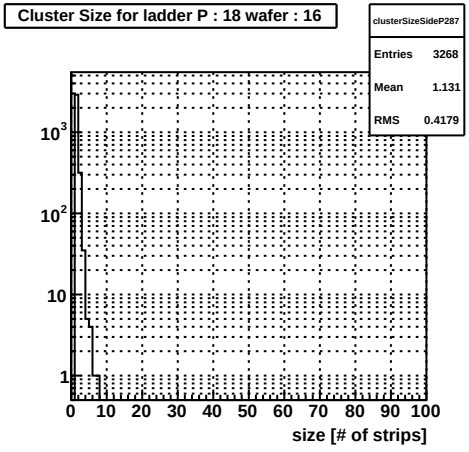

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8192
Mean 1.217
RMS 0.553
size [# of strips]

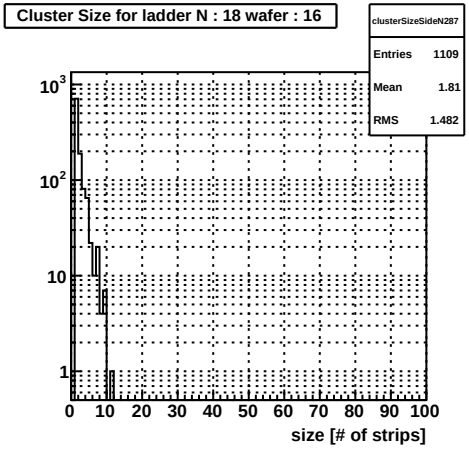

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 109
Mean 1.505
RMS 0.8085
size [# of strips]

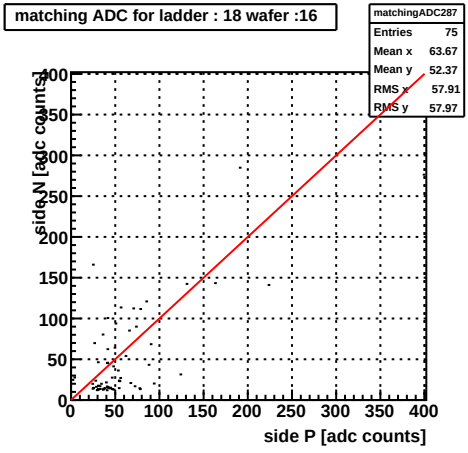

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 80
Mean x 130.9
Mean y 52.84
RMS x 88.75
RMS y 56.78
side N [adc counts]
side P [adc counts]

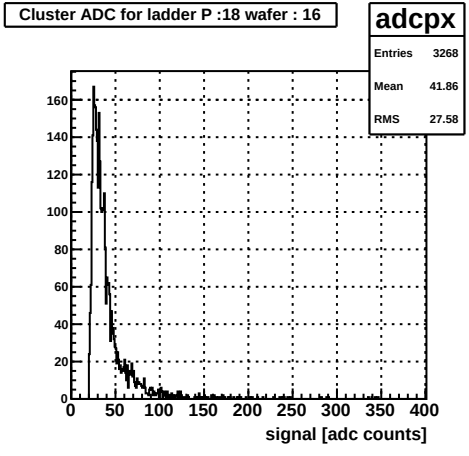

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8192
Mean 34.93
RMS 31.74
signal [adc counts]

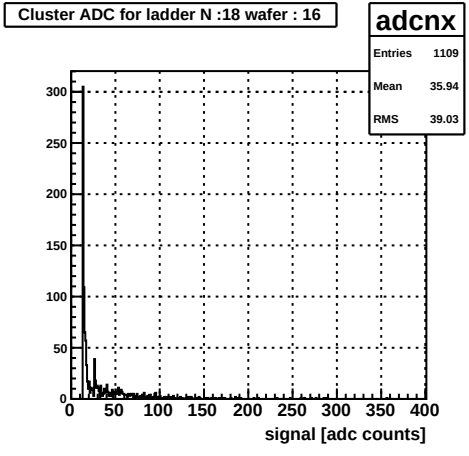

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 109
Mean 64.47
RMS 71.16
signal [adc counts]

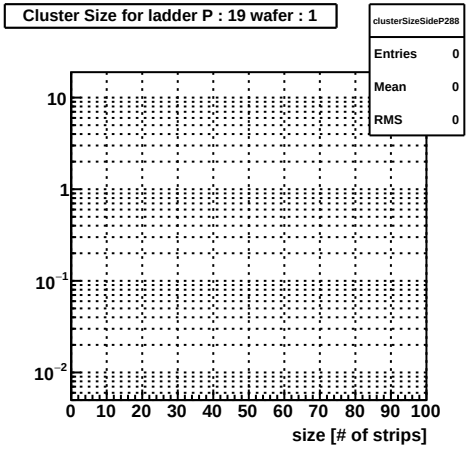

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3268
Mean 1.131
RMS 0.4179
size [# of strips]

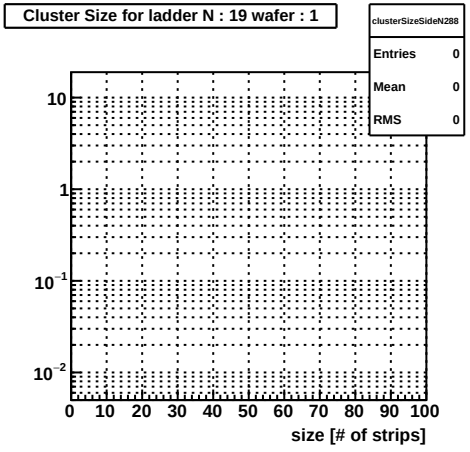

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1109
Mean 1.81
RMS 1.482
size [# of strips]

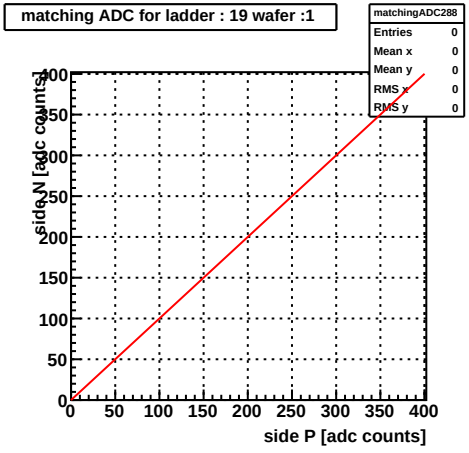

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 75
Mean x 63.67
Mean y 52.37
RMS x 57.91
RMS y 57.97
side N [adc counts]
side P [adc counts]

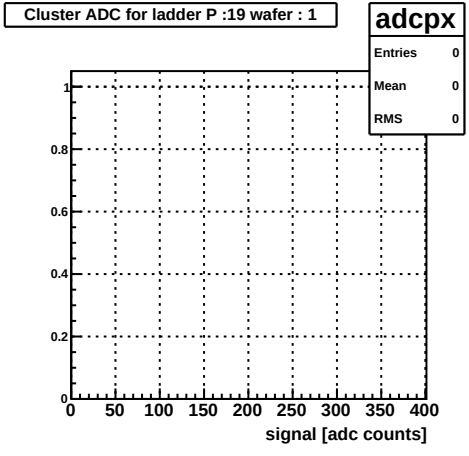

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3268
Mean 41.86
RMS 27.58
signal [adc counts]

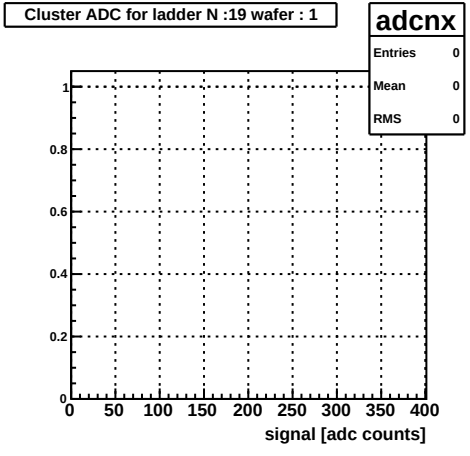

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1109
Mean 35.94
RMS 39.03
signal [adc counts]

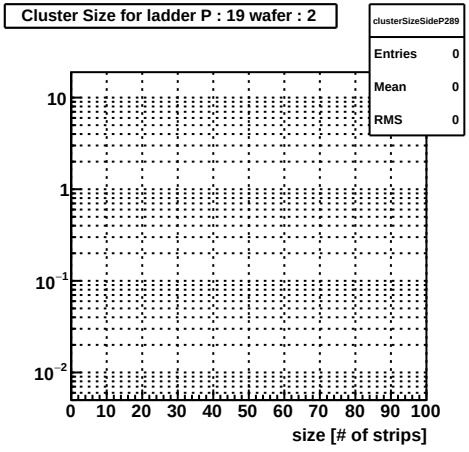

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

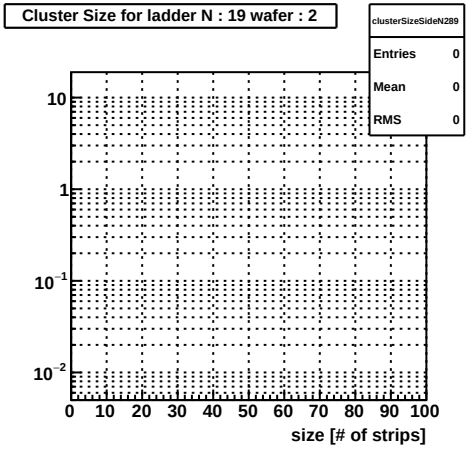

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

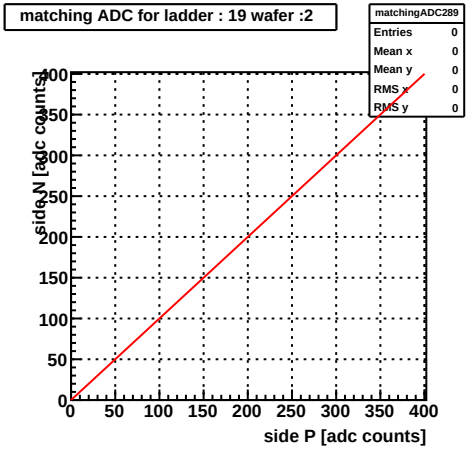

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

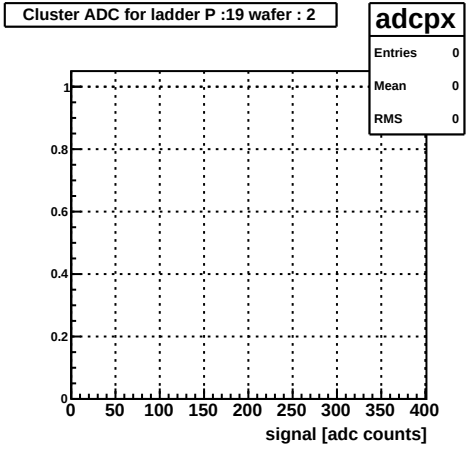

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

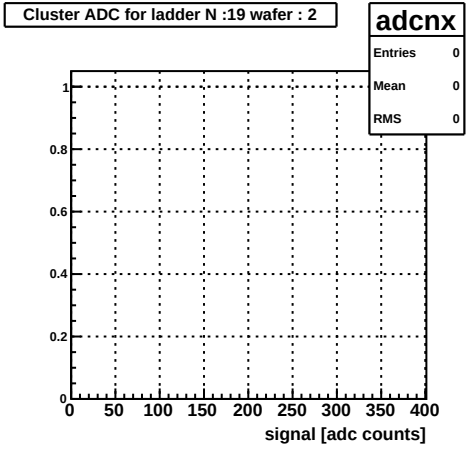

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

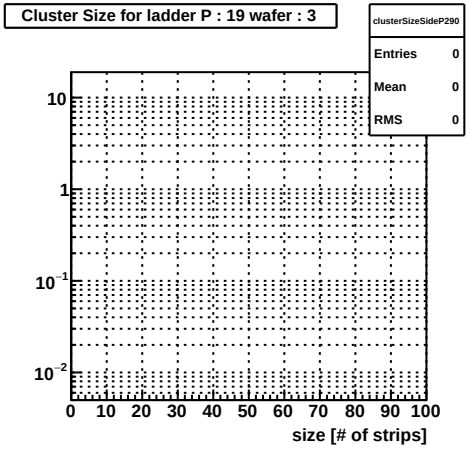

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

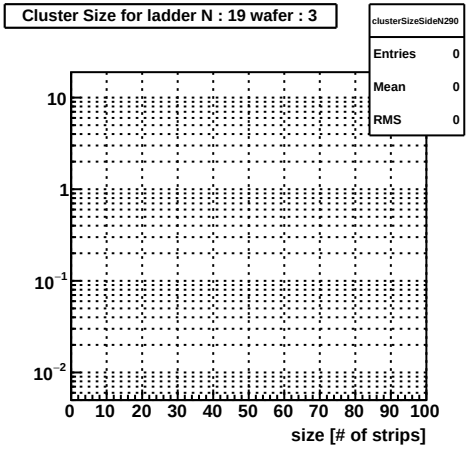

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

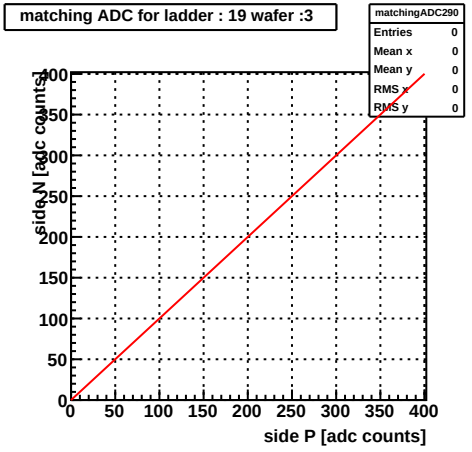

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

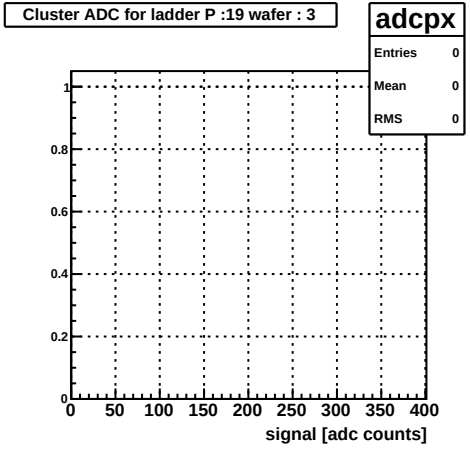

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

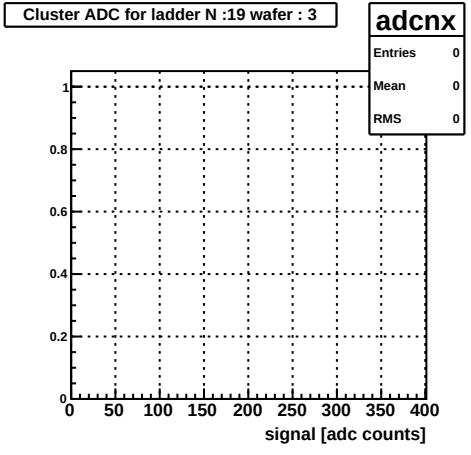

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

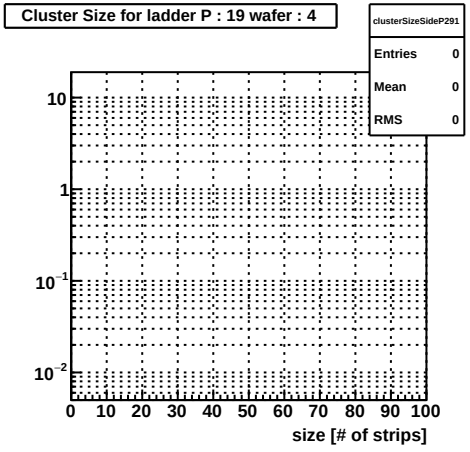

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

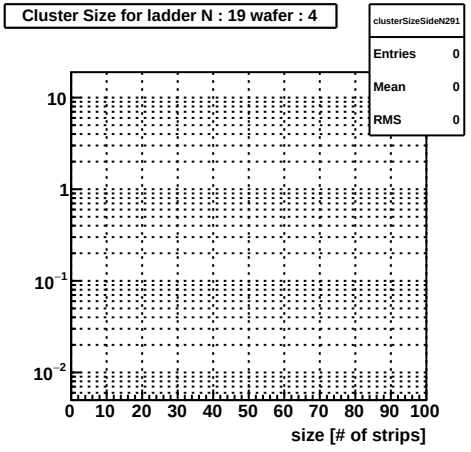

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

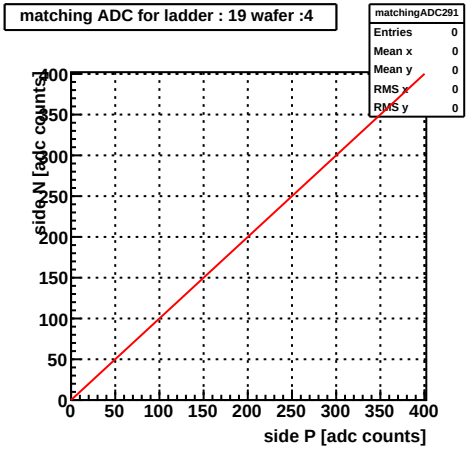

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

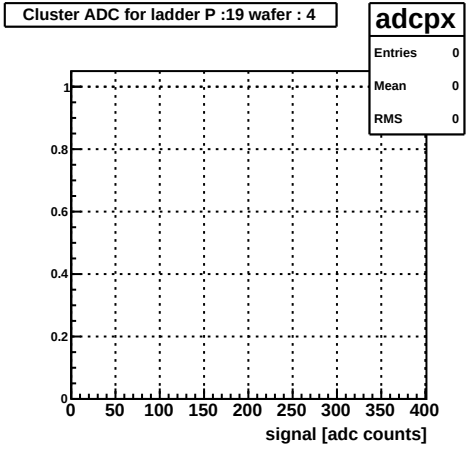

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

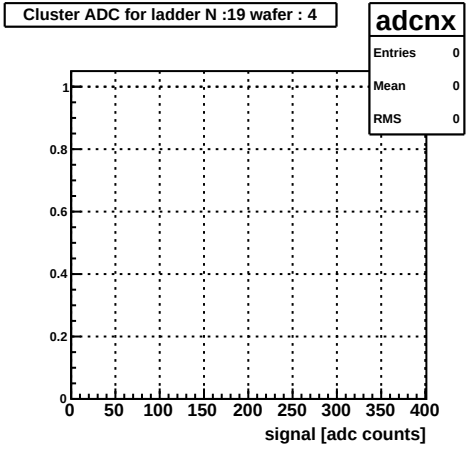

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

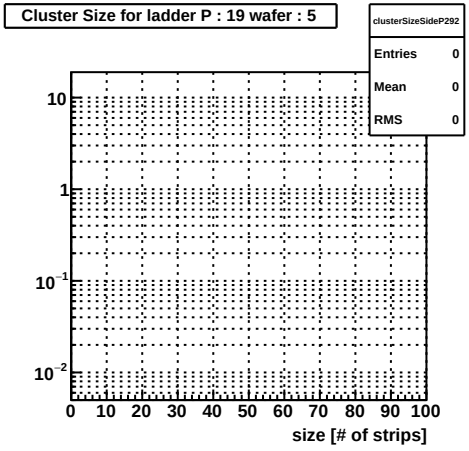

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

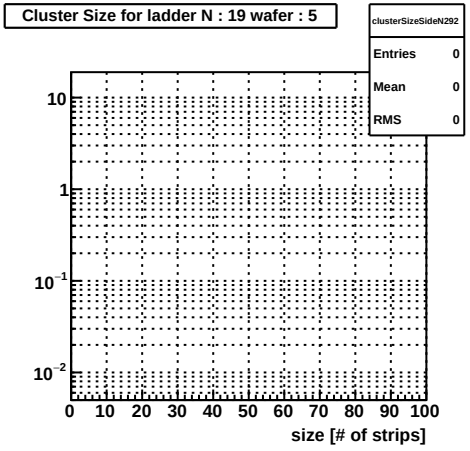

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

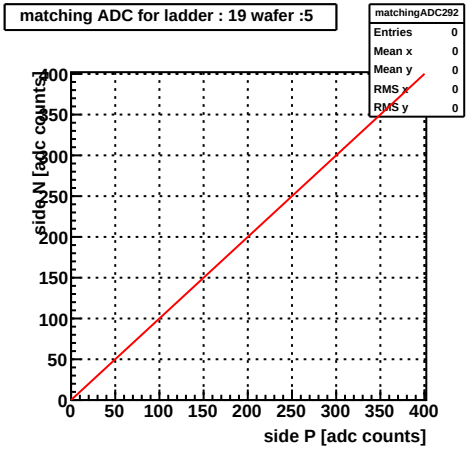

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

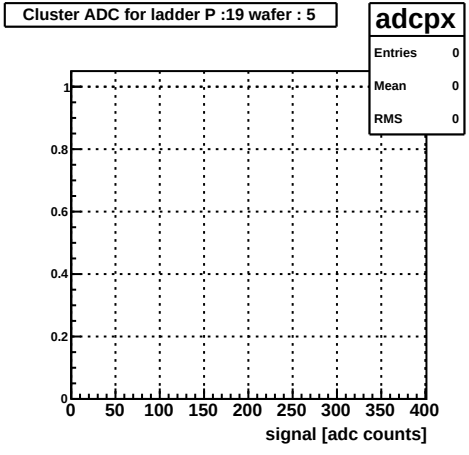

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

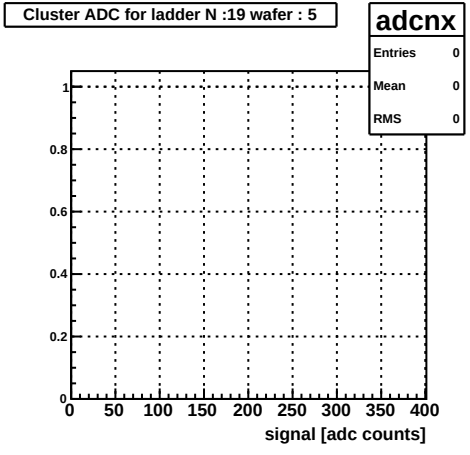

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

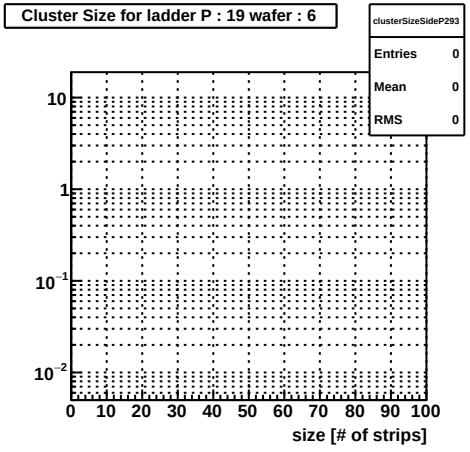

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

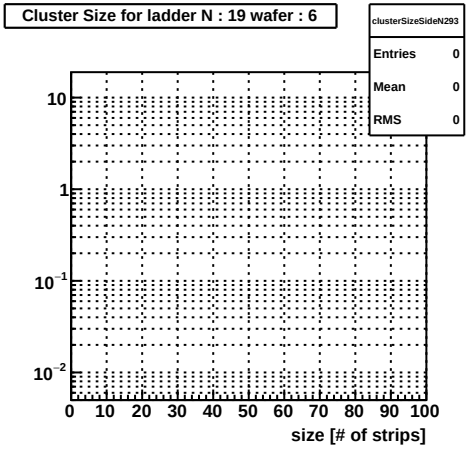

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

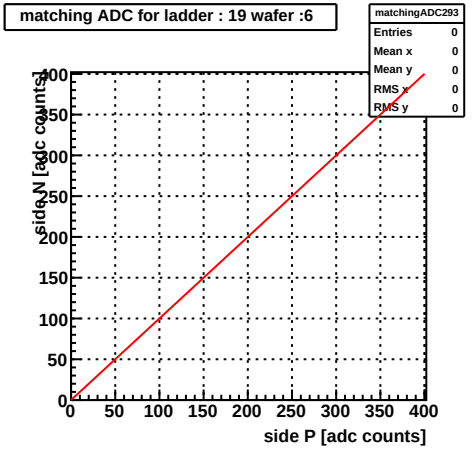

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

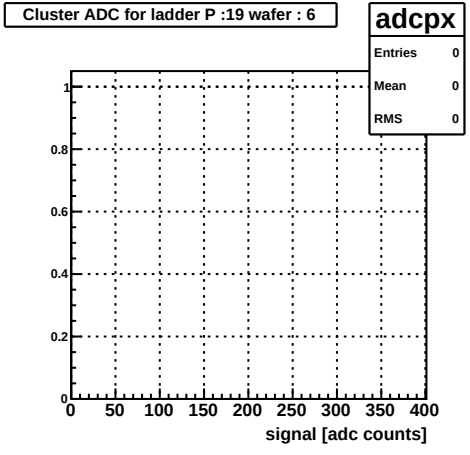

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

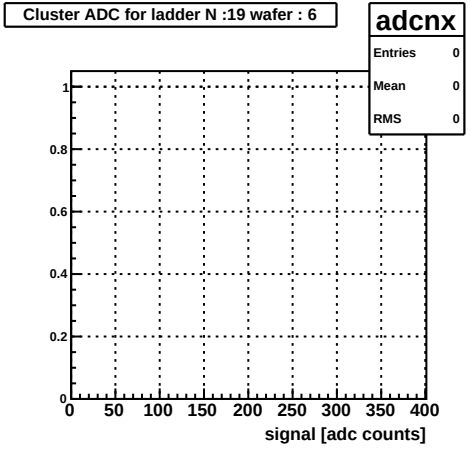

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

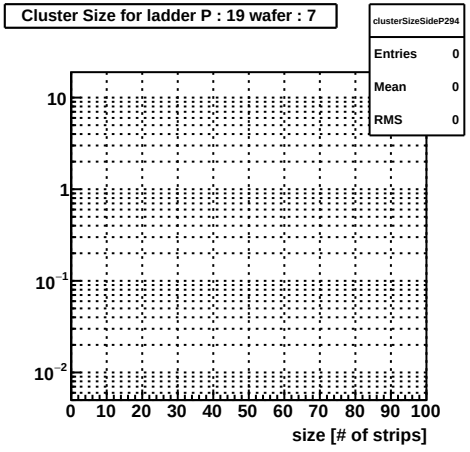

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

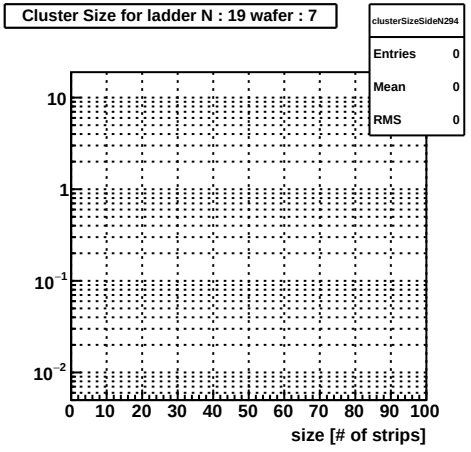

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

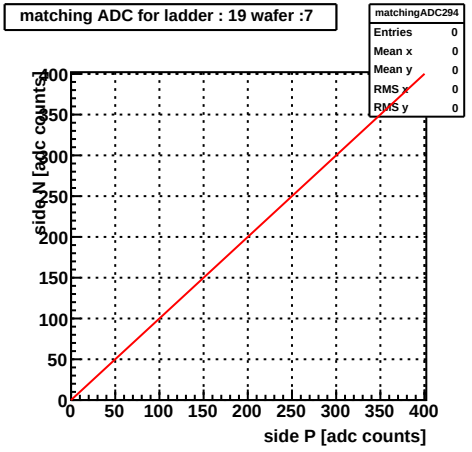

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

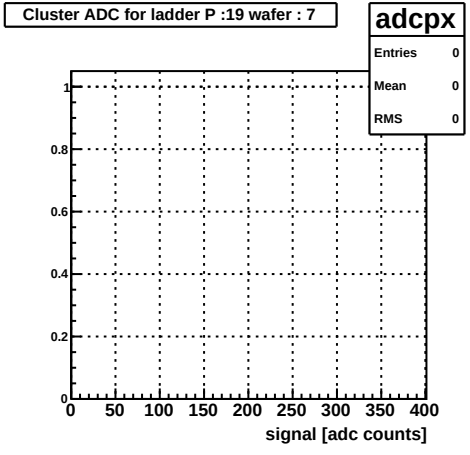

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

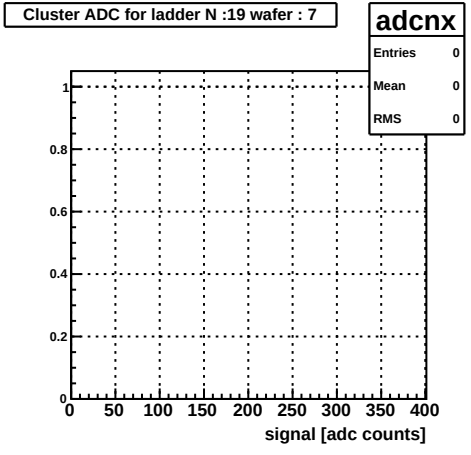

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

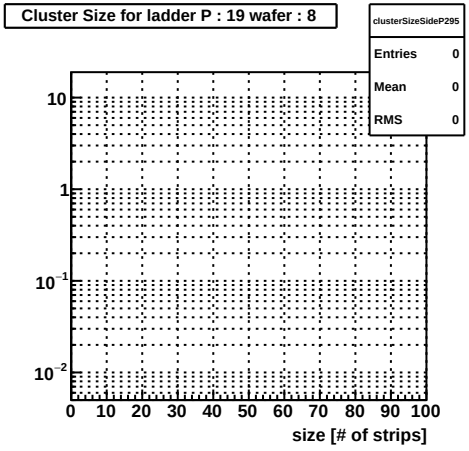

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

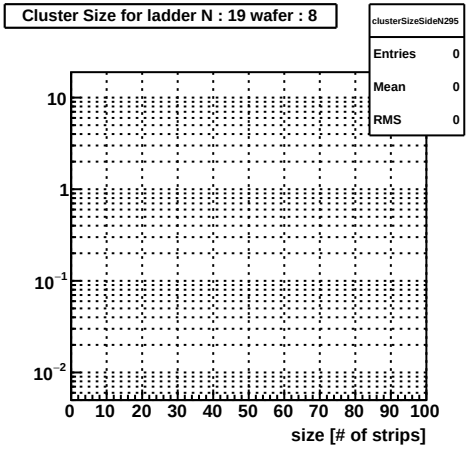

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

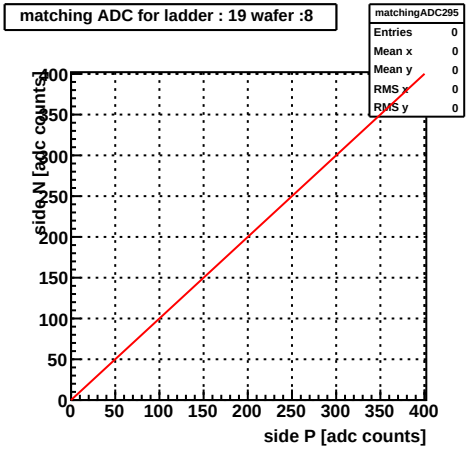

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

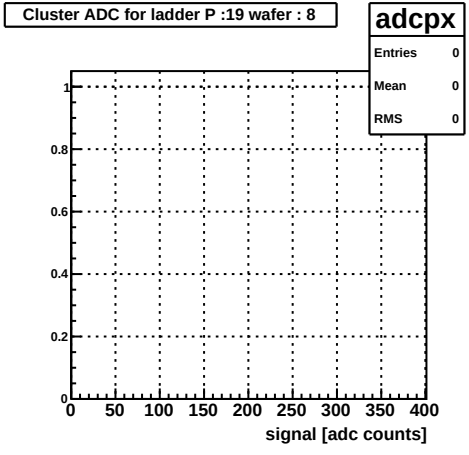

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

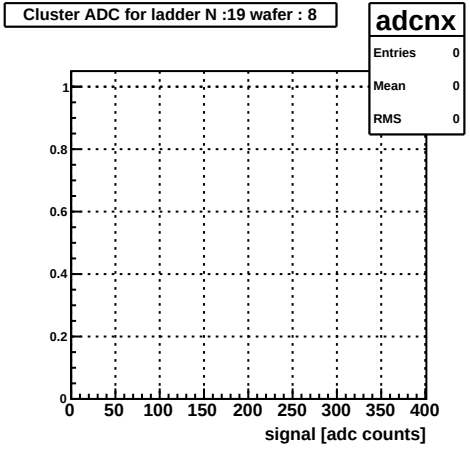

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

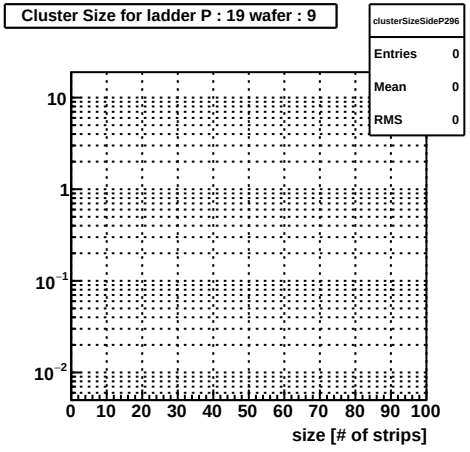

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

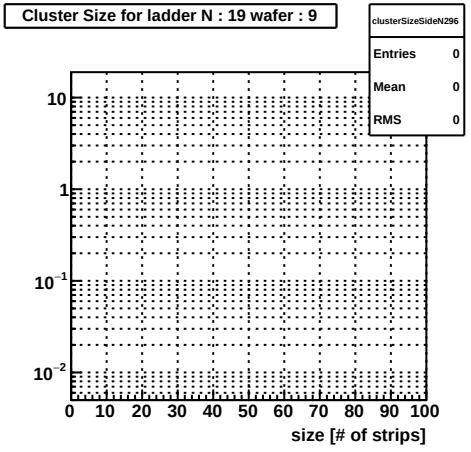

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

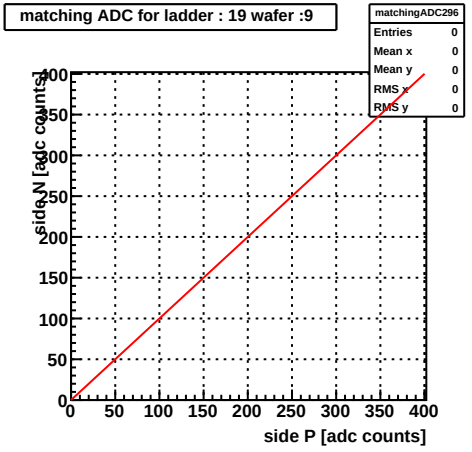

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

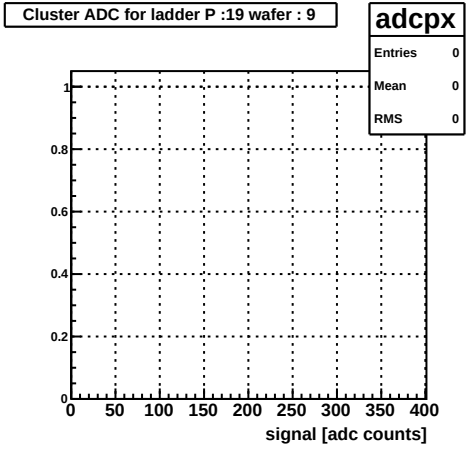

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

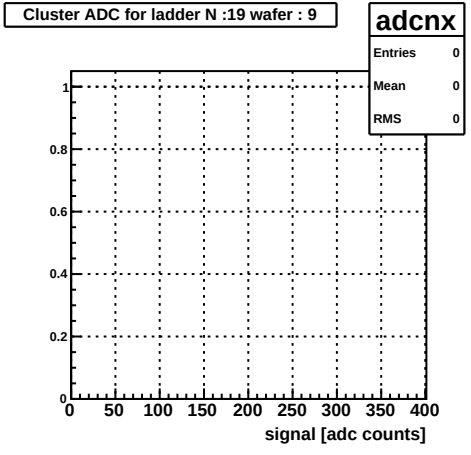

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

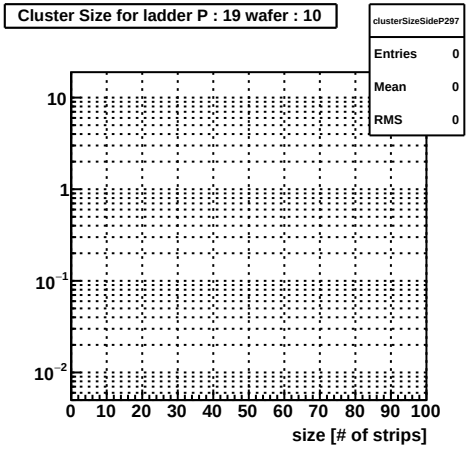

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

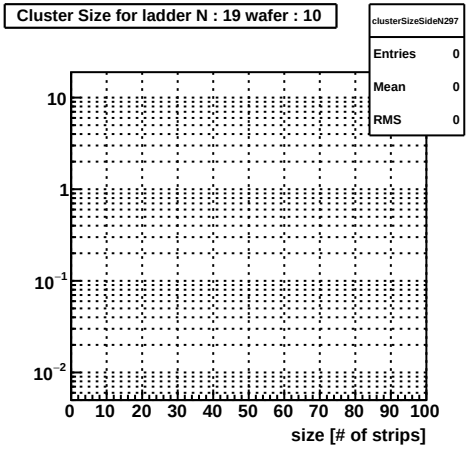

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

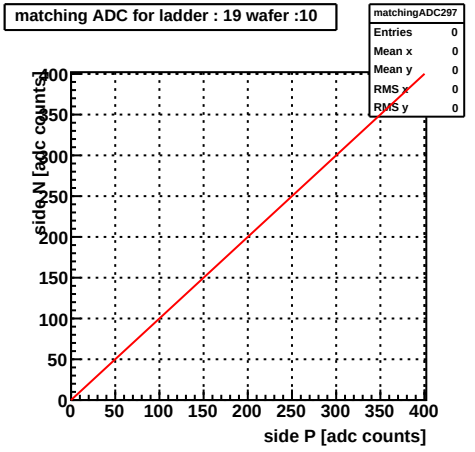

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

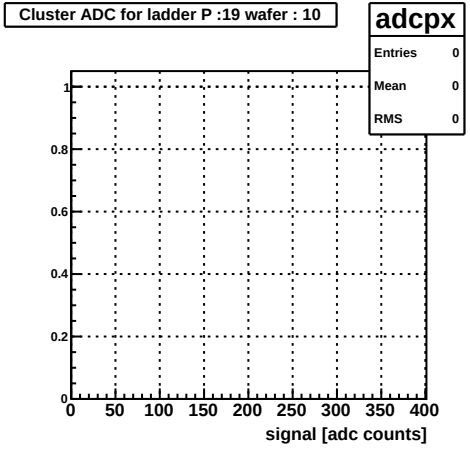

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

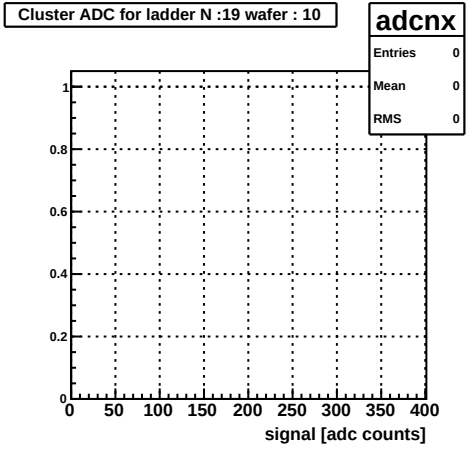

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

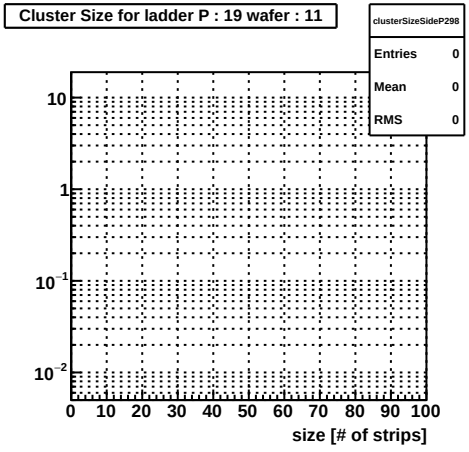

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

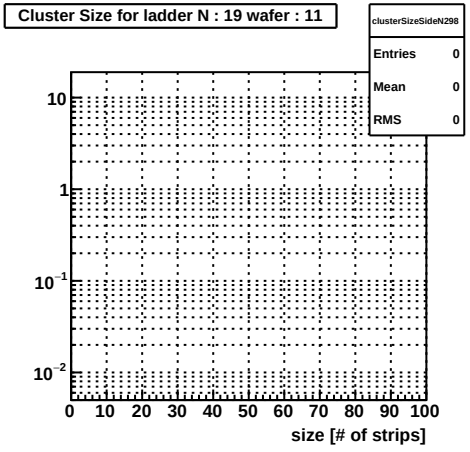

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

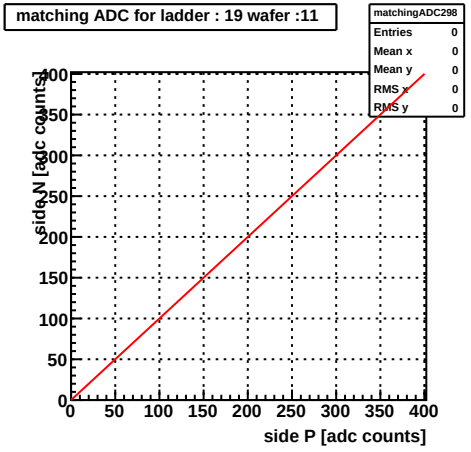

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

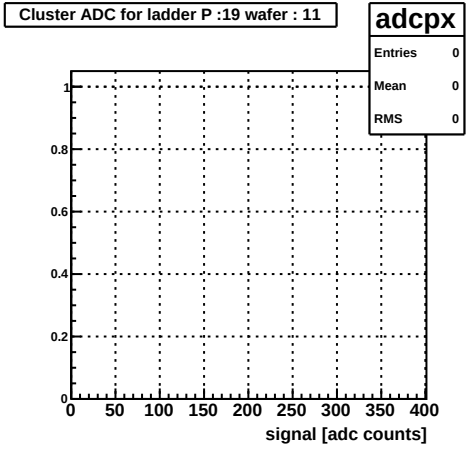

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

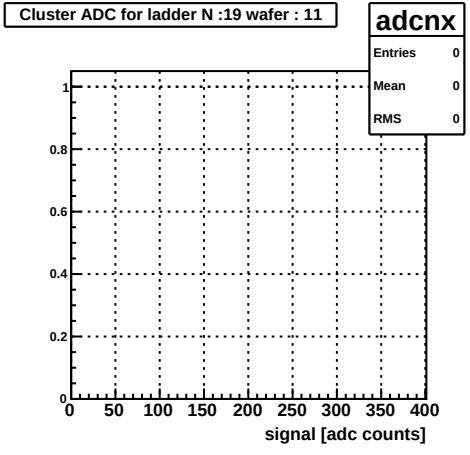

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

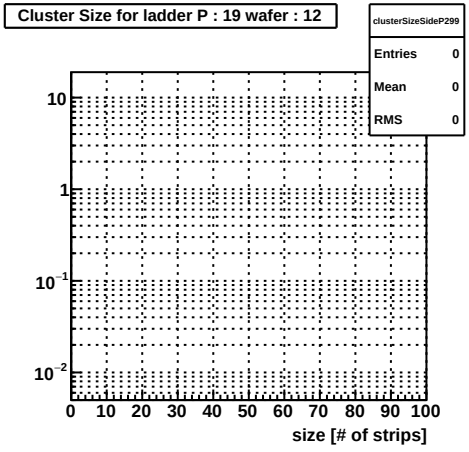

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

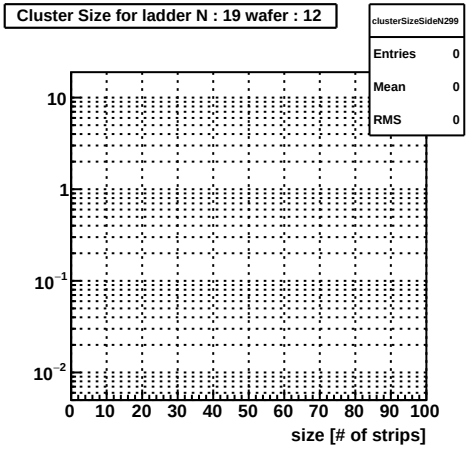

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

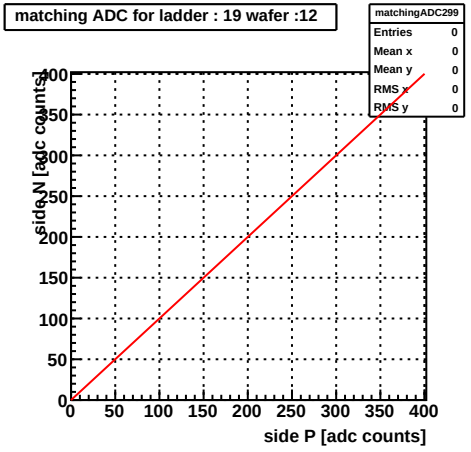

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

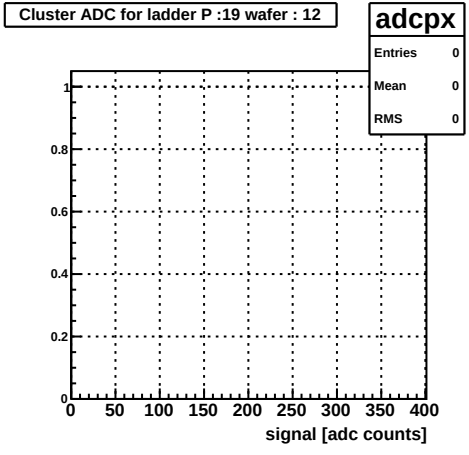

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

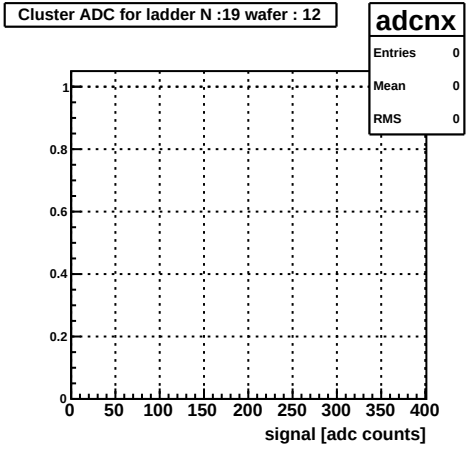

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

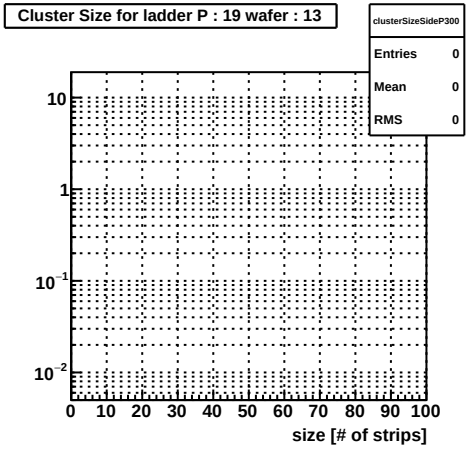

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

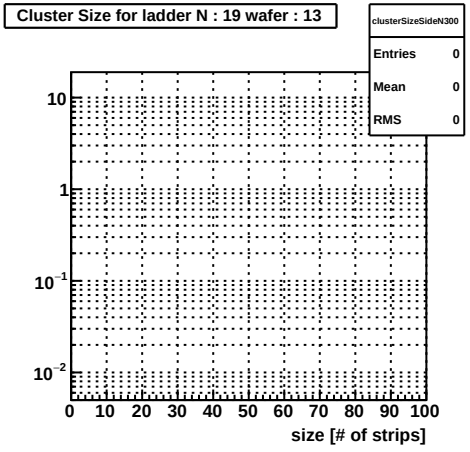

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

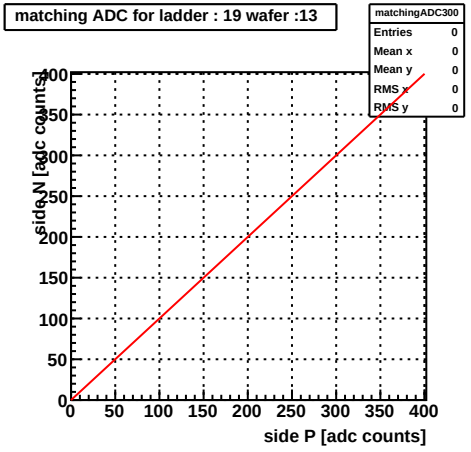

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

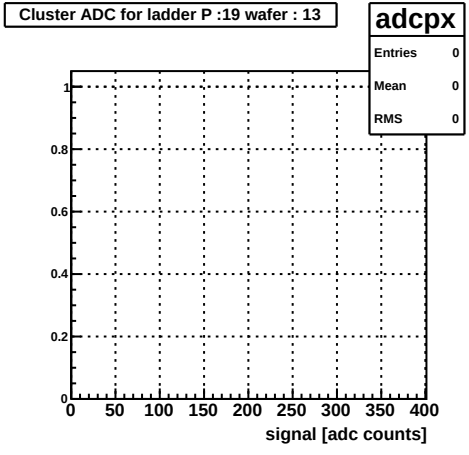

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

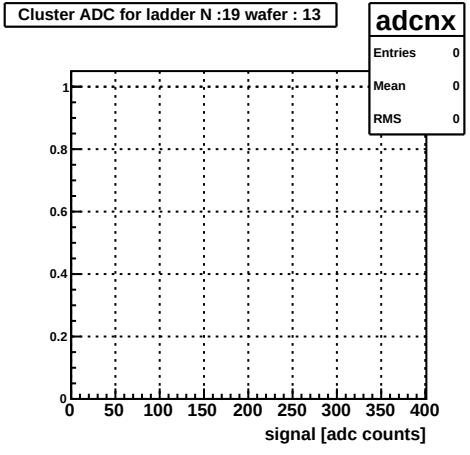

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

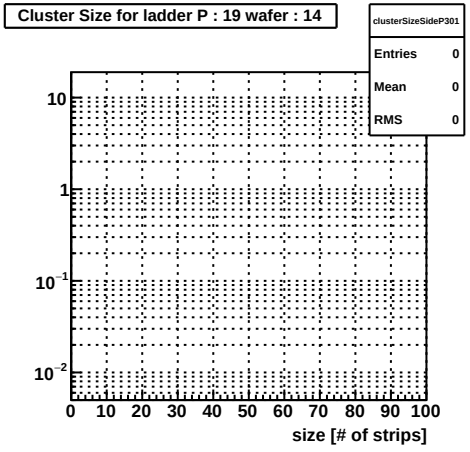

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

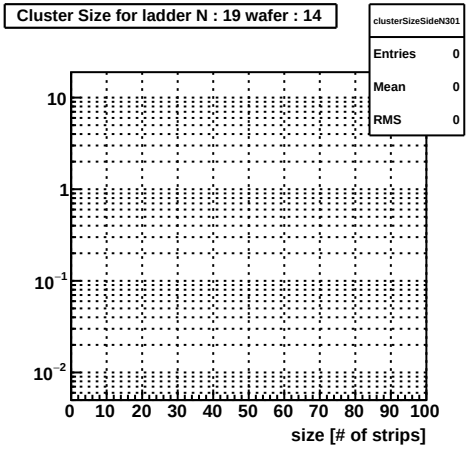

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

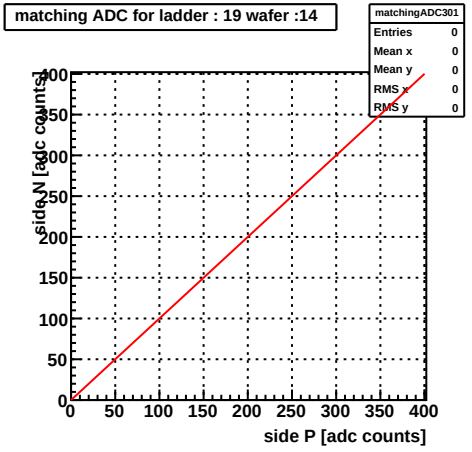

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

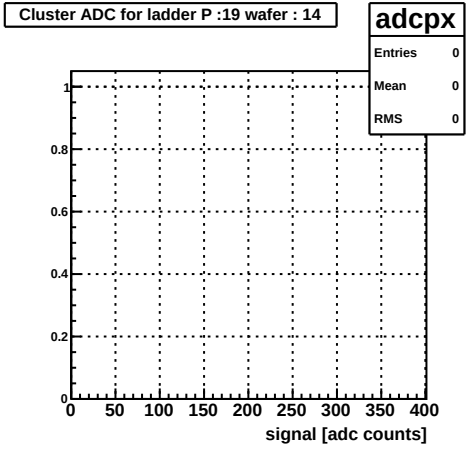

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

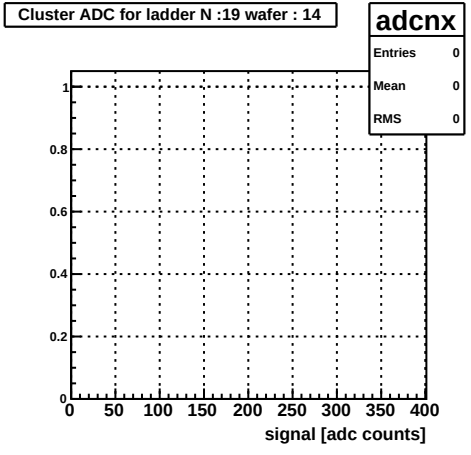

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

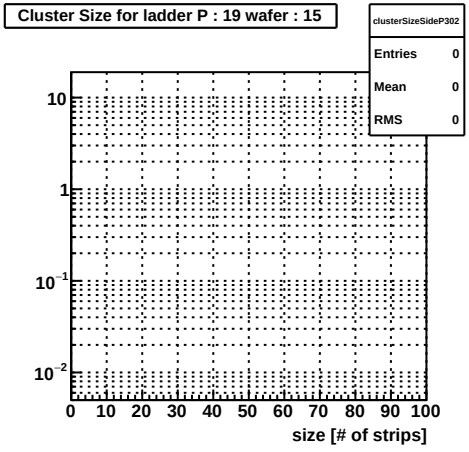

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

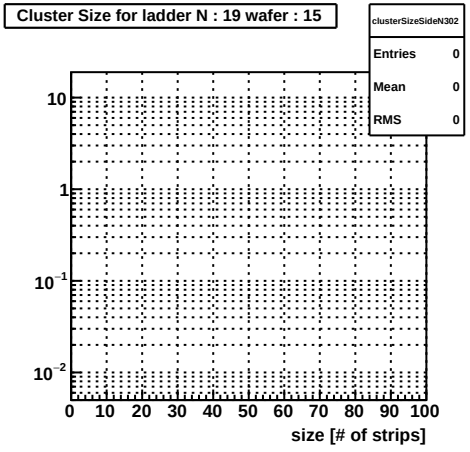

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

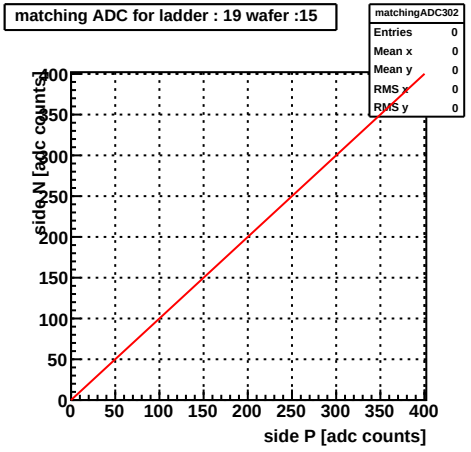

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

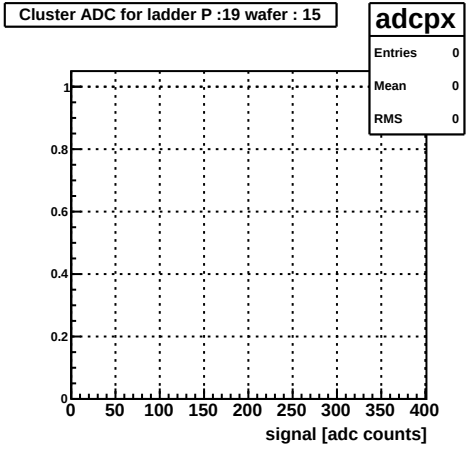

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

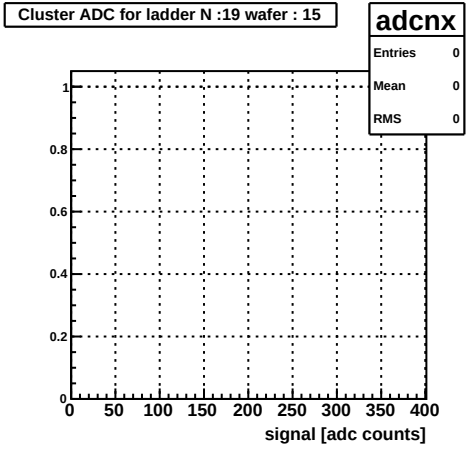

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

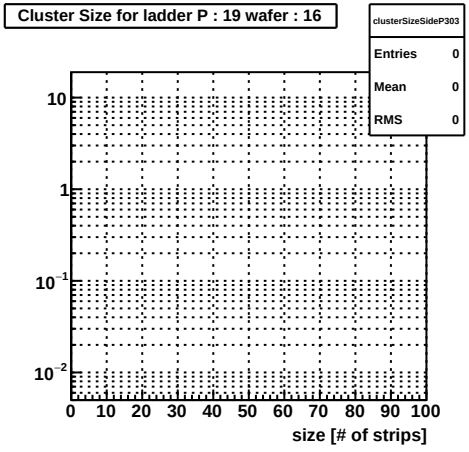

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

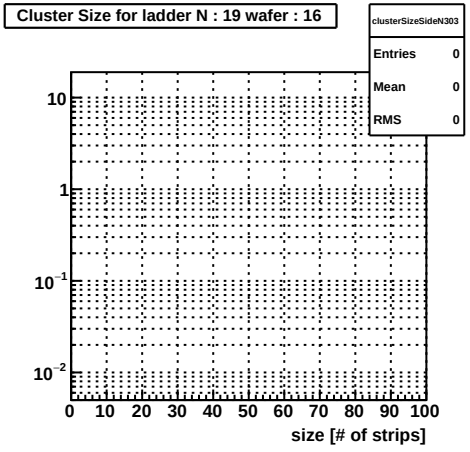

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

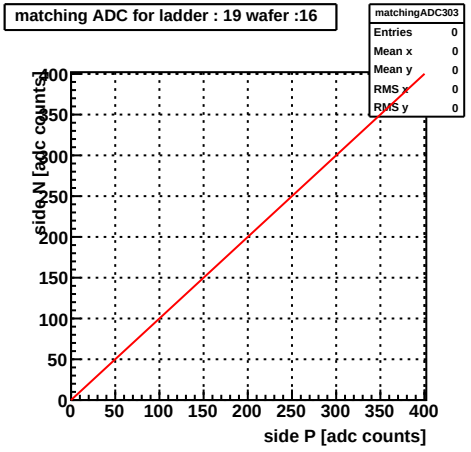

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

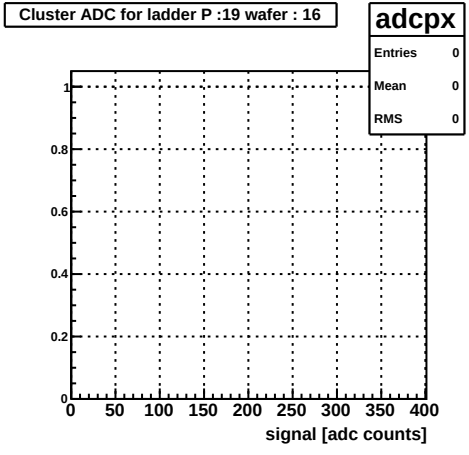

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

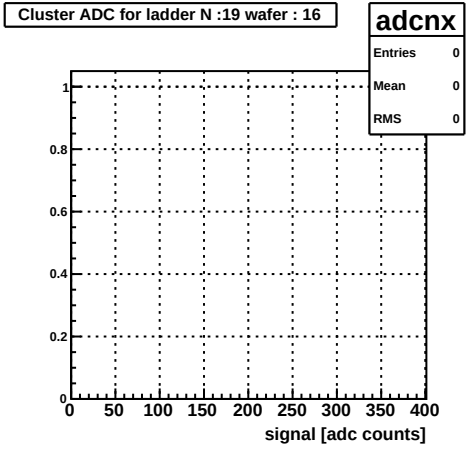

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

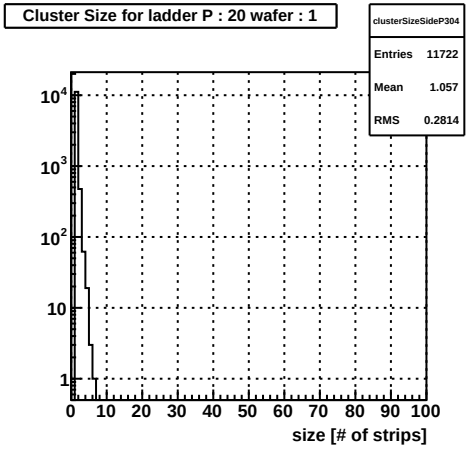

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

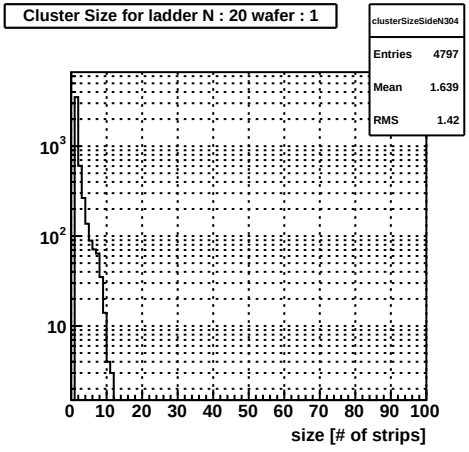

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

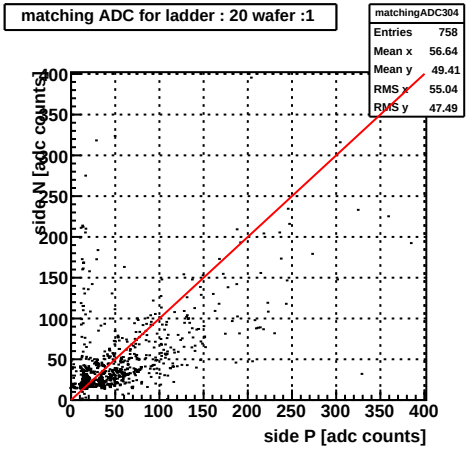

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

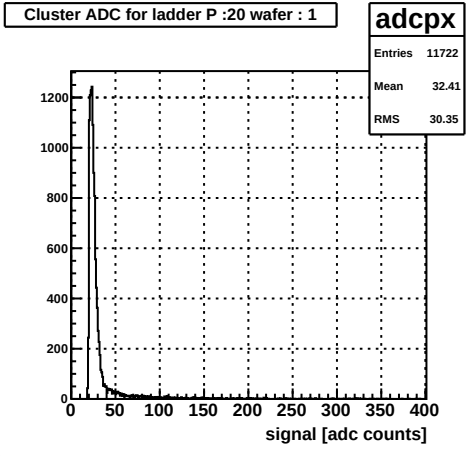

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

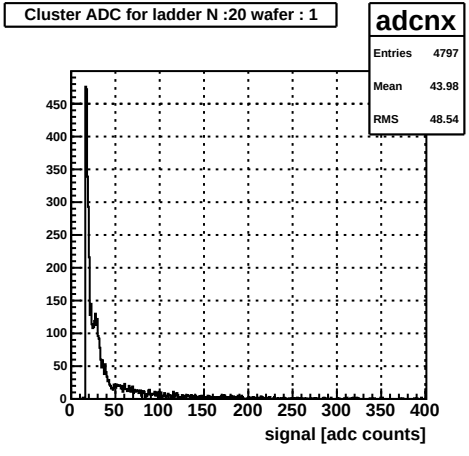

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

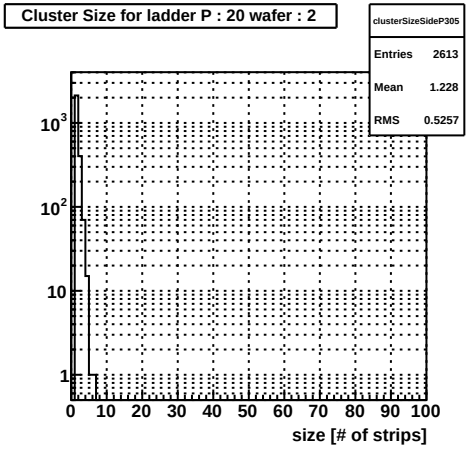

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 11722
Mean 1.057
RMS 0.2814
size [# of strips]

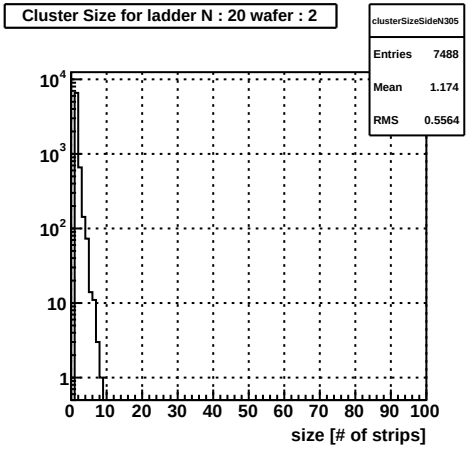

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4797
Mean 1.639
RMS 1.42
size [# of strips]

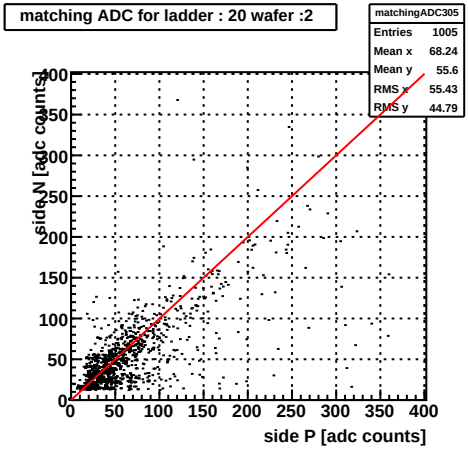

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 758
Mean x 56.64
Mean y 49.41
RMS x 55.04
RMS y 47.49
side N [adc counts]
side P [adc counts]

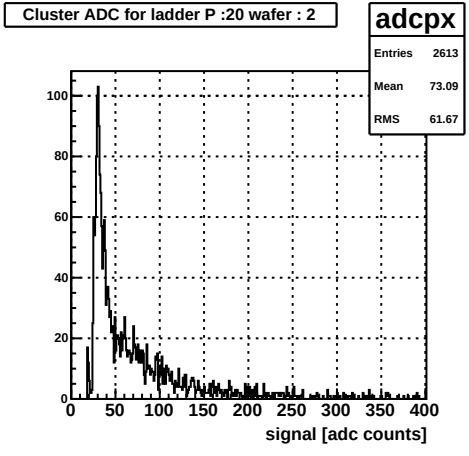

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 11722
Mean 32.41
RMS 30.35
signal [adc counts]

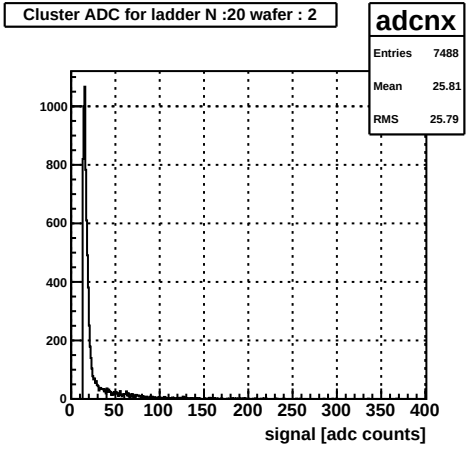

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4797
Mean 43.98
RMS 48.54
signal [adc counts]

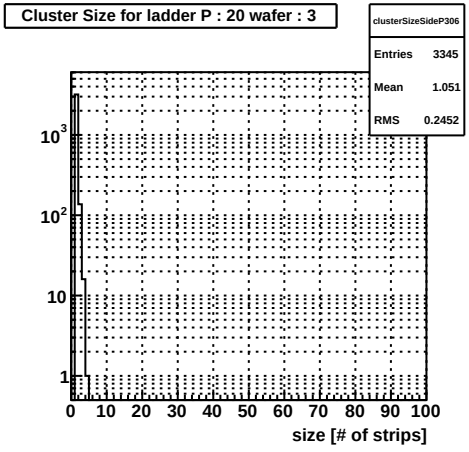

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2613
Mean 1.228
RMS 0.5257
size [# of strips]

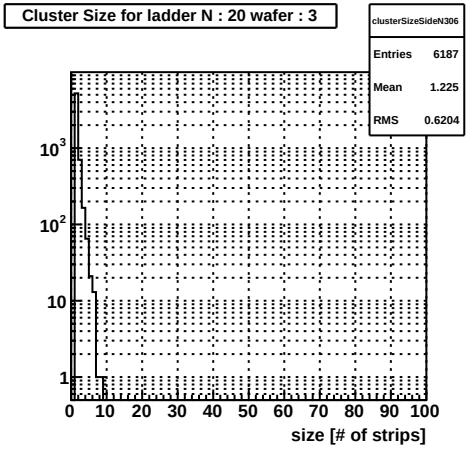

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 7488
Mean 1.174
RMS 0.5564
size [# of strips]

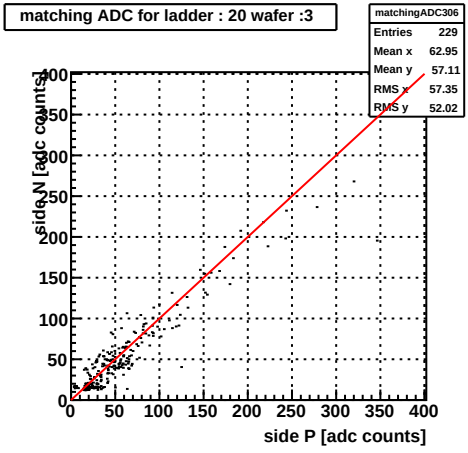

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1005
Mean x 68.24
Mean y 55.6
RMS x 55.43
RMS y 44.79
side N [adc counts]
side P [adc counts]

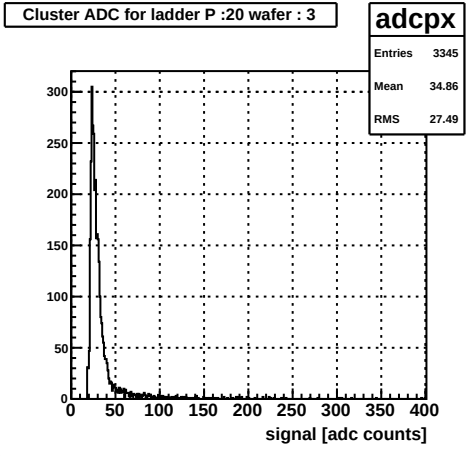

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2613
Mean 73.09
RMS 61.67
signal [adc counts]

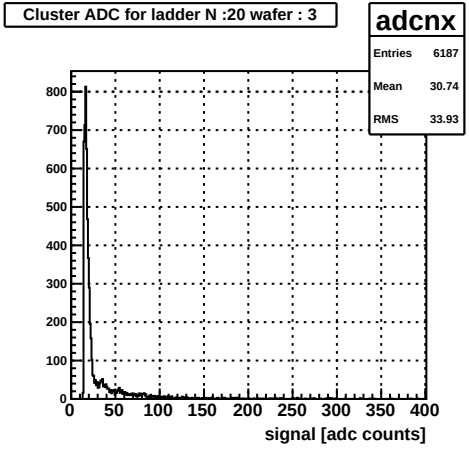

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 7488
Mean 25.81
RMS 25.79
signal [adc counts]

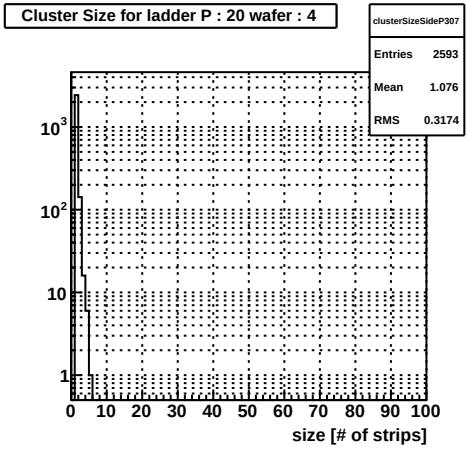

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3345
Mean 1.051
RMS 0.2452
size [# of strips]

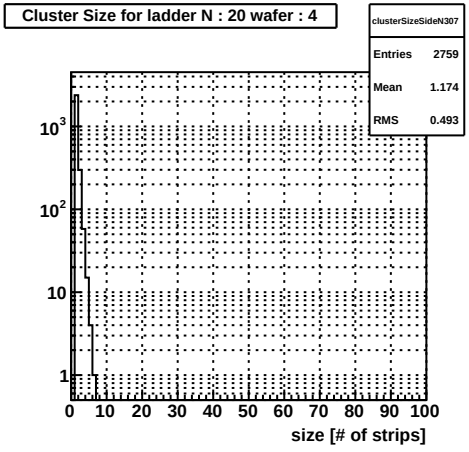

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6187
Mean 1.225
RMS 0.6204
size [# of strips]

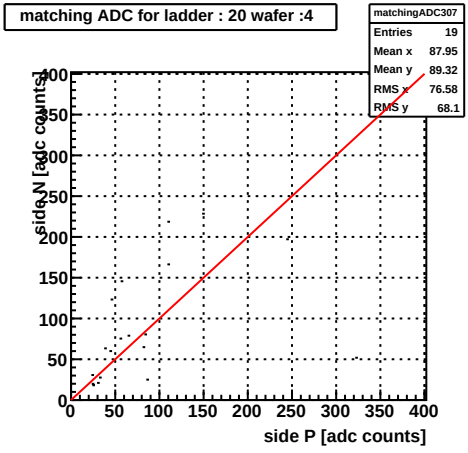

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 229
Mean x 62.95
Mean y 57.11
RMS x 57.35
RMS y 52.02
side N [adc counts]
side P [adc counts]

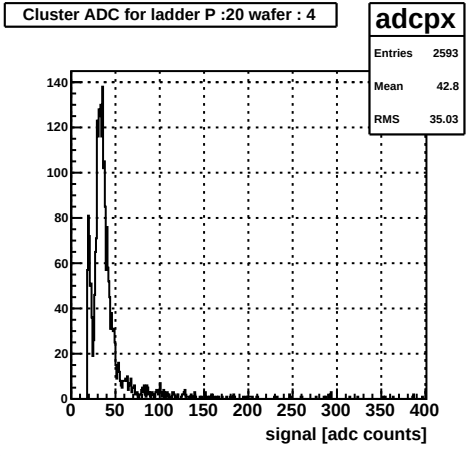

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3345
Mean 34.86
RMS 27.49
signal [adc counts]

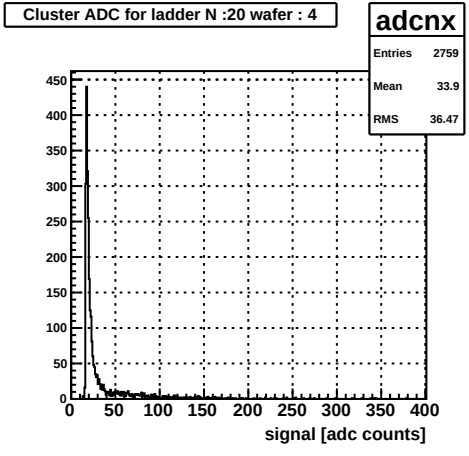

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6187
Mean 30.74
RMS 33.93
signal [adc counts]

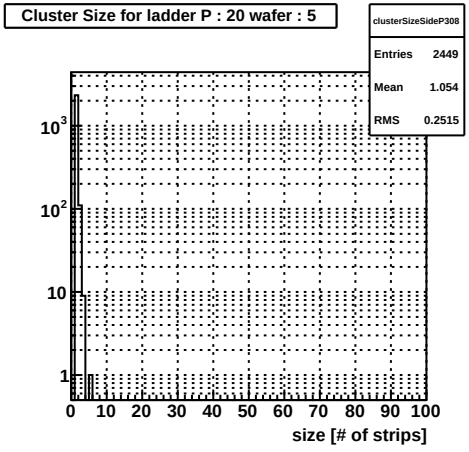

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2593
Mean 1.076
RMS 0.3174
size [# of strips]

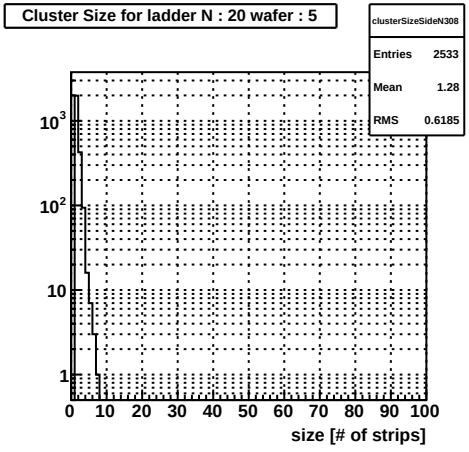

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2759
Mean 1.174
RMS 0.493
size [# of strips]

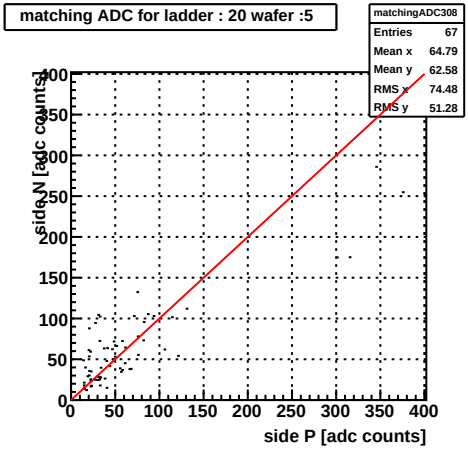

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 19
Mean x 87.95
Mean y 89.32
RMS x 76.58
RMS y 68.1
side N [adc counts]
side P [adc counts]

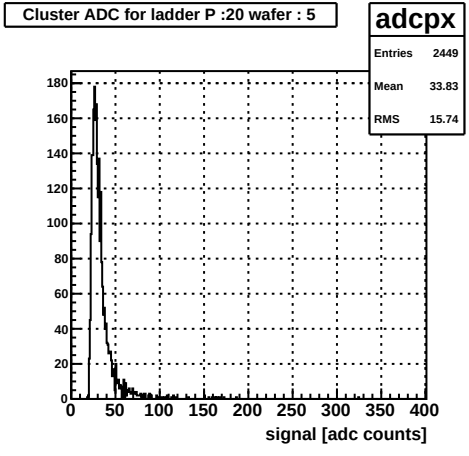

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2593
Mean 42.8
RMS 35.03
signal [adc counts]

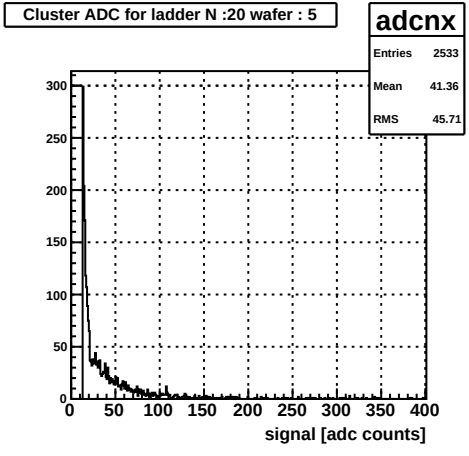

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2759
Mean 33.9
RMS 36.47
signal [adc counts]

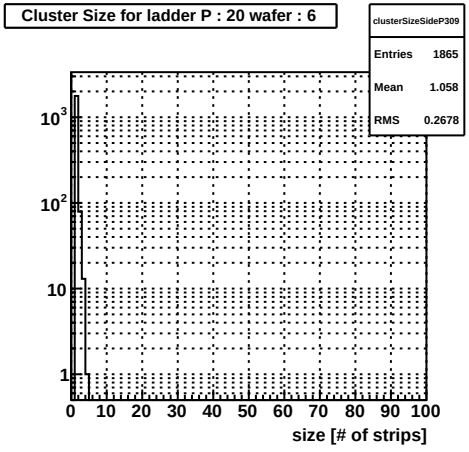

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2449
Mean 1.054
RMS 0.2515
size [# of strips]

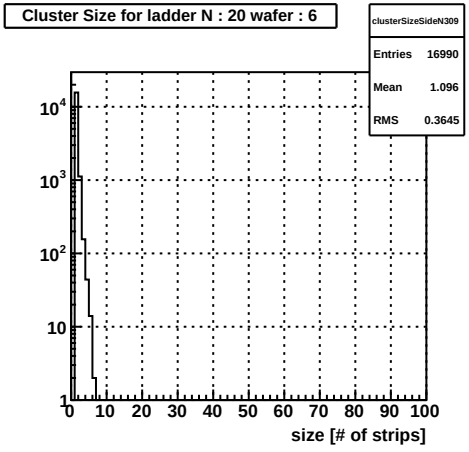

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2533
Mean 1.28
RMS 0.6185
size [# of strips]

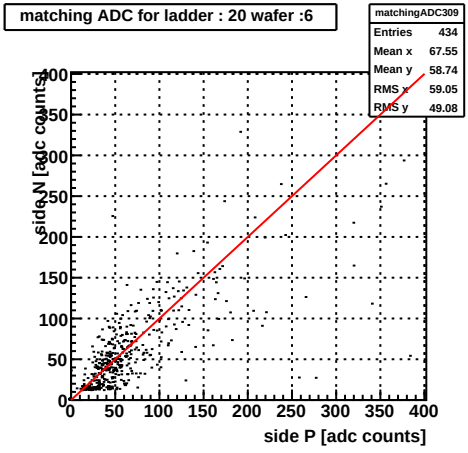

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 67
Mean x 64.79
Mean y 62.58
RMS x 74.48
RMS y 51.28
side N [adc counts]
side P [adc counts]

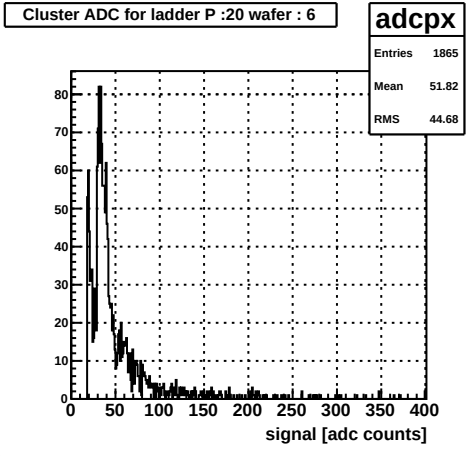

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2449
Mean 33.83
RMS 15.74
signal [adc counts]

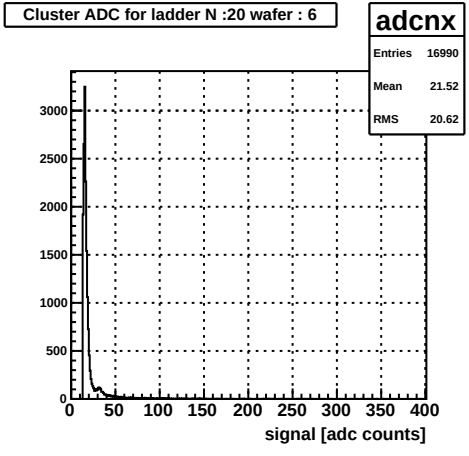

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2533
Mean 41.36
RMS 45.71
signal [adc counts]

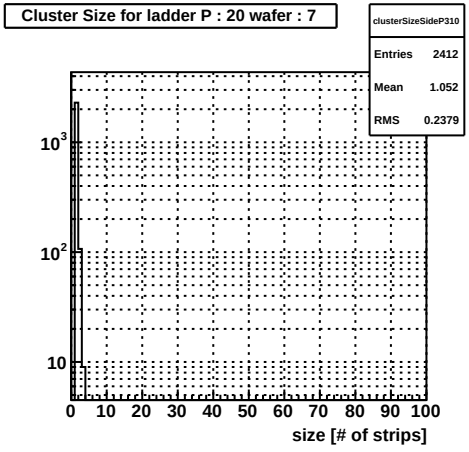

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1865
Mean 1.058
RMS 0.2678
size [# of strips]

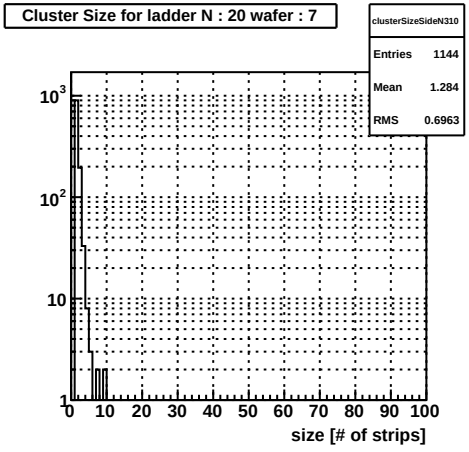

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 16990
Mean 1.096
RMS 0.3645
size [# of strips]

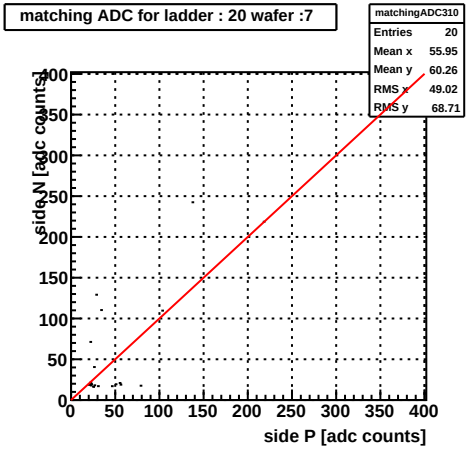

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 434
Mean x 67.55
Mean y 58.74
RMS x 59.05
RMS y 49.08
side N [adc counts]
side P [adc counts]

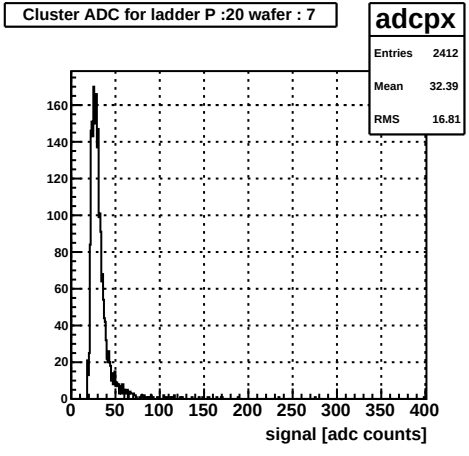

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1865
Mean 51.82
RMS 44.68
signal [adc counts]

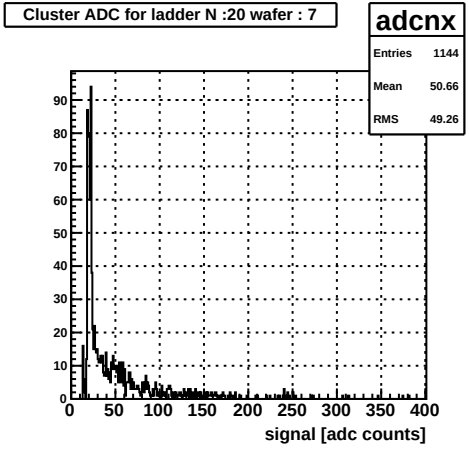

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 16990
Mean 21.52
RMS 20.62
signal [adc counts]

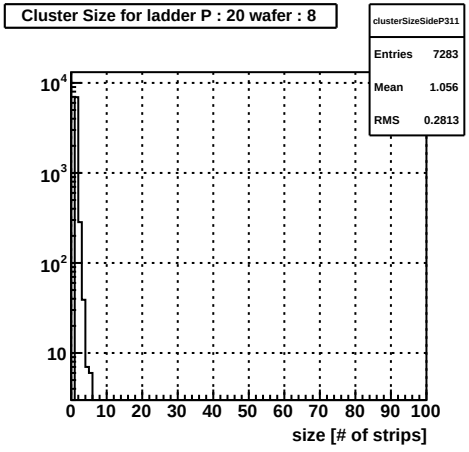

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2412
Mean 1.052
RMS 0.2379
size [# of strips]

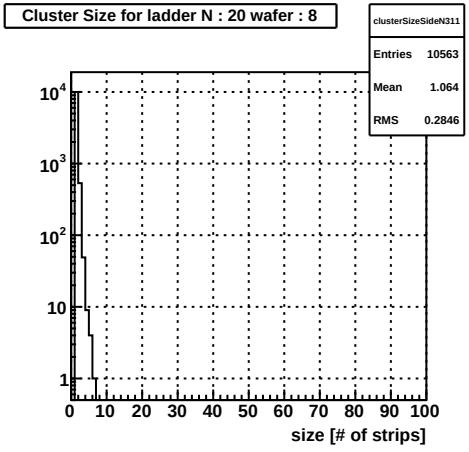

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1144
Mean 1.284
RMS 0.6963
size [# of strips]

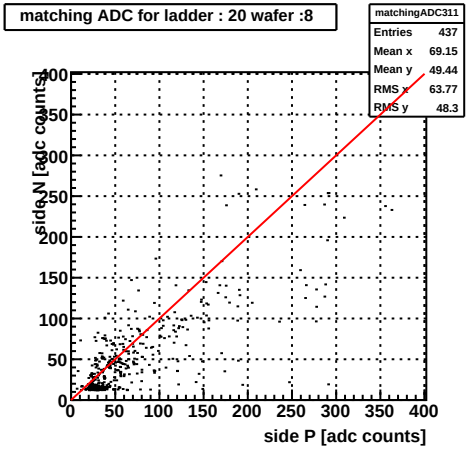

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 20
Mean x 55.95
Mean y 60.26
RMS x 49.02
RMS y 68.71
side N [adc counts]
side P [adc counts]

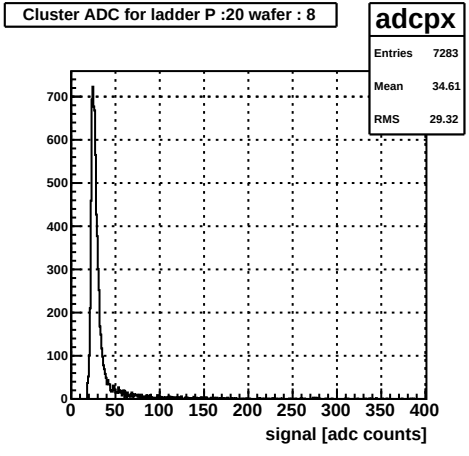

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2412
Mean 32.39
RMS 16.81
signal [adc counts]

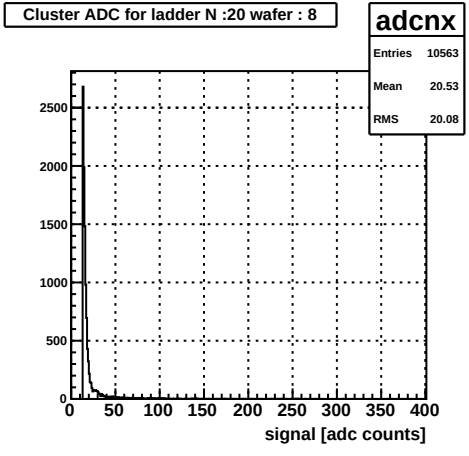

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1144
Mean 50.66
RMS 49.26
signal [adc counts]

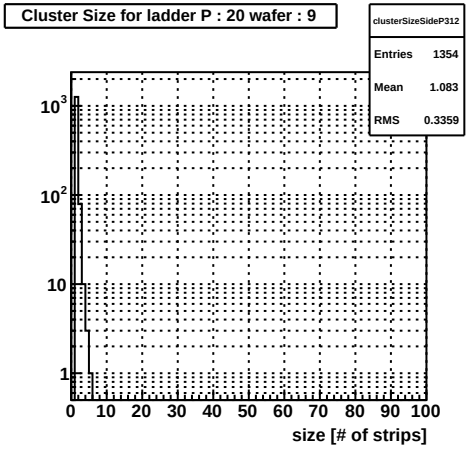

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 7283
Mean 1.056
RMS 0.2813
size [# of strips]

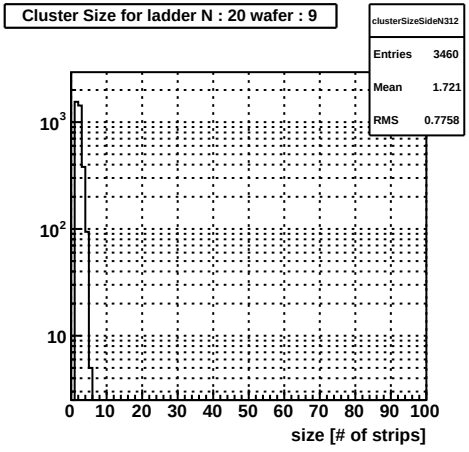

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10563
Mean 1.064
RMS 0.2846
size [# of strips]

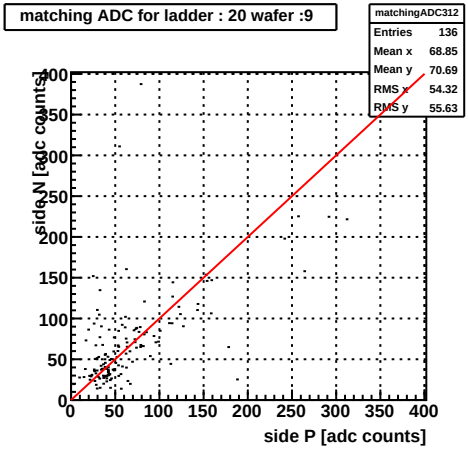

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 437
Mean x 69.15
Mean y 49.44
RMS x 63.77
RMS y 48.3
side N [adc counts]
side P [adc counts]

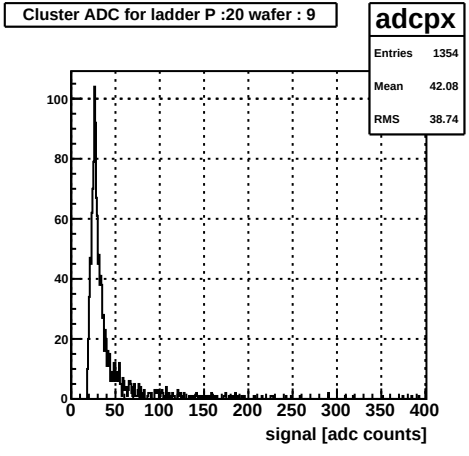

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 7283
Mean 34.61
RMS 29.32
signal [adc counts]

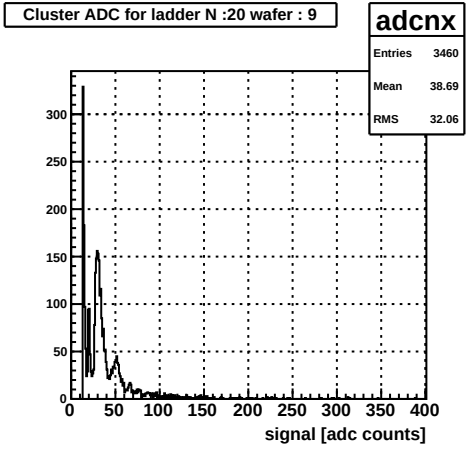

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10563
Mean 20.53
RMS 20.08
signal [adc counts]

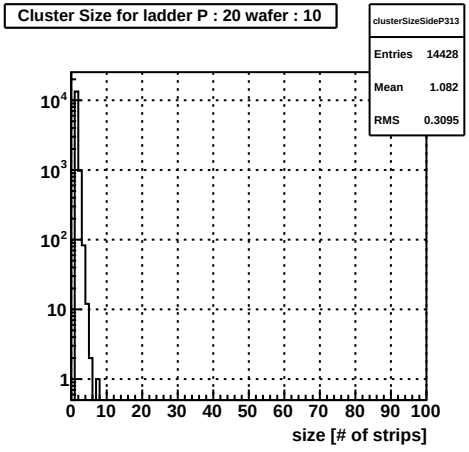

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1354
Mean 1.083
RMS 0.3359
size [# of strips]

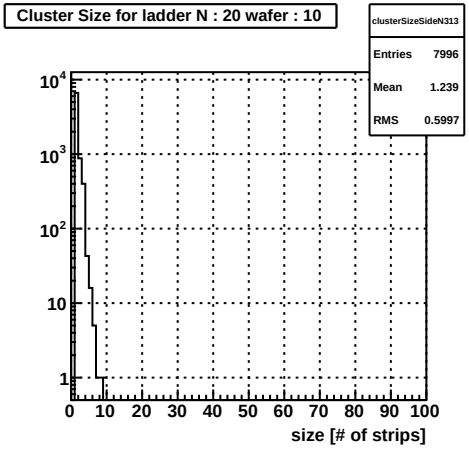

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3460
Mean 1.721
RMS 0.7758
size [# of strips]

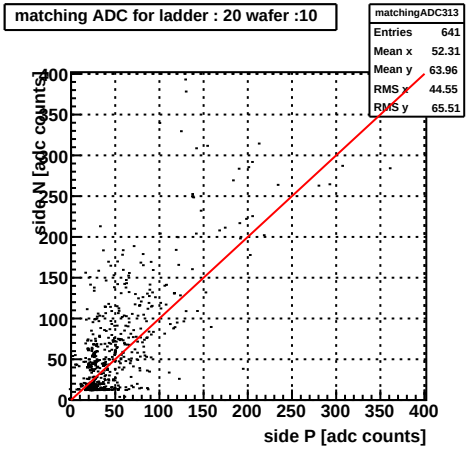

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 136
Mean x 68.85
Mean y 70.69
RMS x 54.32
RMS y 55.63
side N [adc counts]
side P [adc counts]

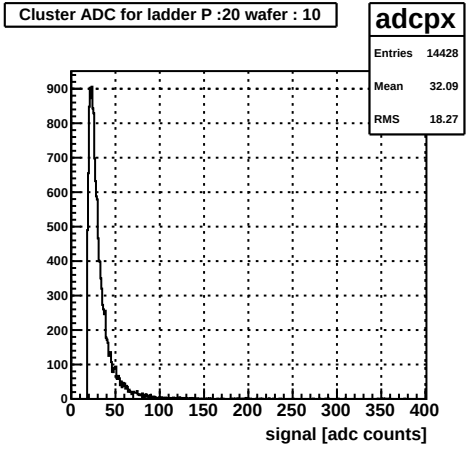

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1354
Mean 42.08
RMS 38.74
signal [adc counts]

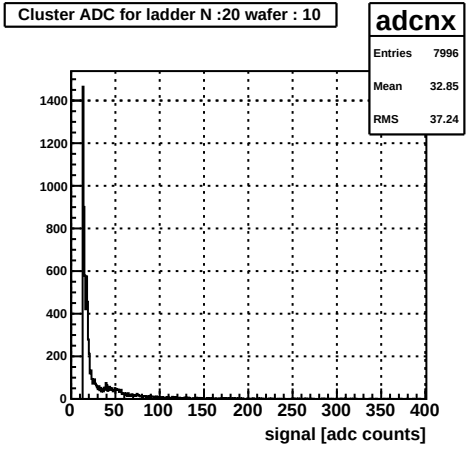

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3460
Mean 38.69
RMS 32.06
signal [adc counts]

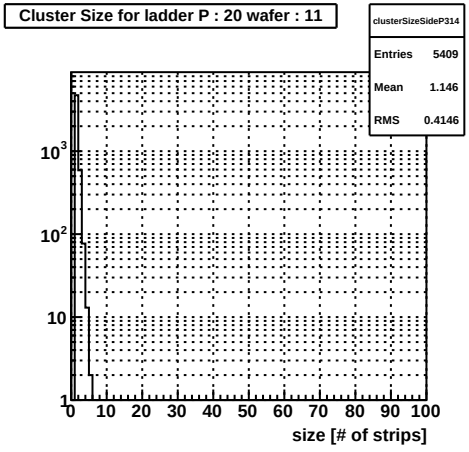

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 14428
Mean 1.082
RMS 0.3095
size [# of strips]

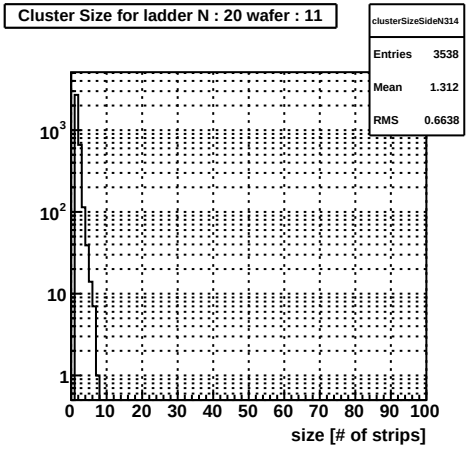

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7996
Mean 1.239
RMS 0.5997
size [# of strips]

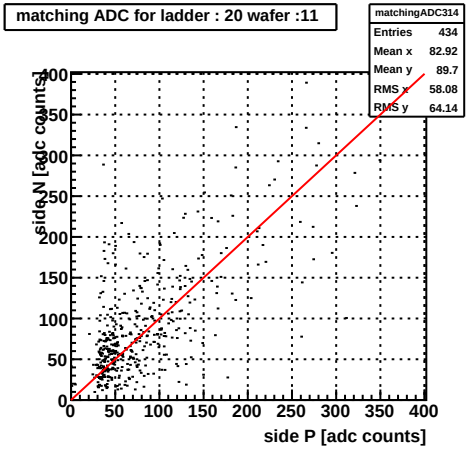

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 641
Mean x 52.31
Mean y 63.96
RMS x 44.55
RMS y 65.51
side N [adc counts]
side P [adc counts]

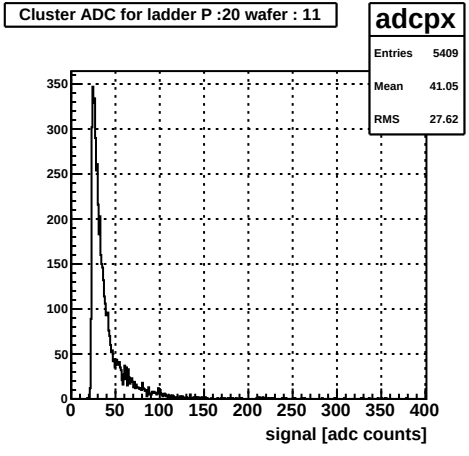

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 14428
Mean 32.09
RMS 18.27
signal [adc counts]

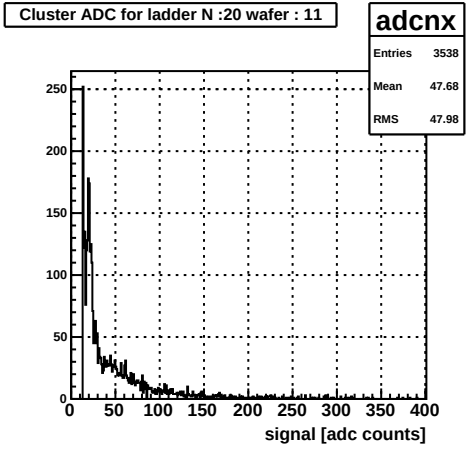

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7996
Mean 32.85
RMS 37.24
signal [adc counts]

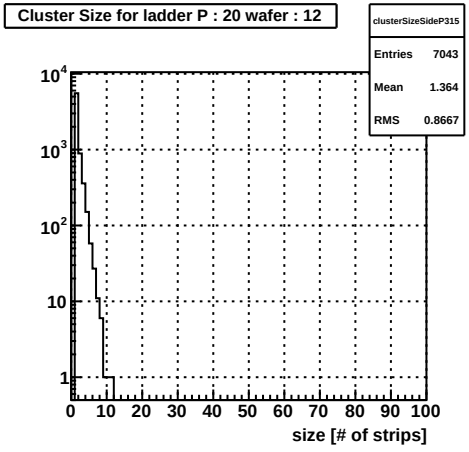

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5409
Mean 1.146
RMS 0.4146
size [# of strips]

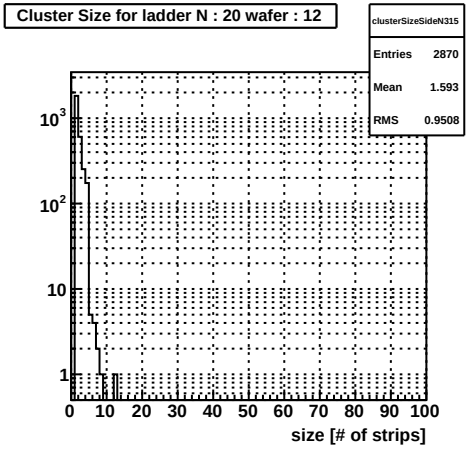

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3538
Mean 1.312
RMS 0.6638
size [# of strips]

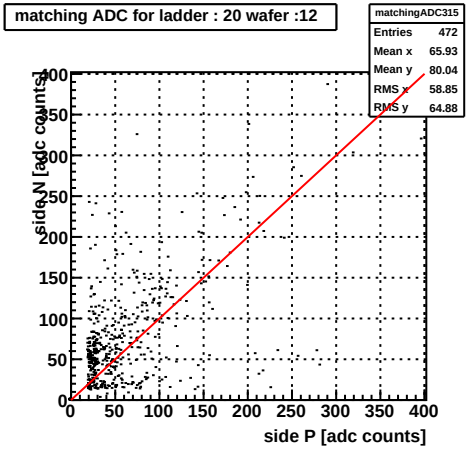

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 434
Mean x 82.92
Mean y 89.7
RMS x 58.08
RMS y 64.14
side N [adc counts]
side P [adc counts]

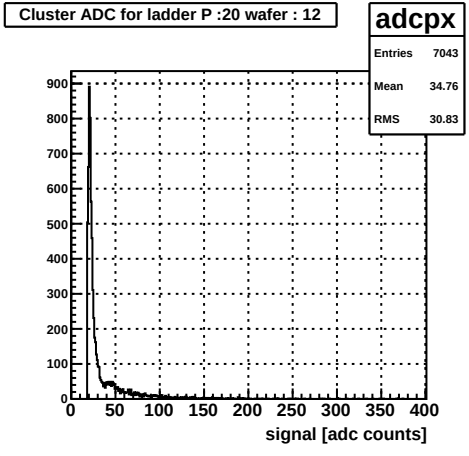

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5409
Mean 41.05
RMS 27.62
signal [adc counts]

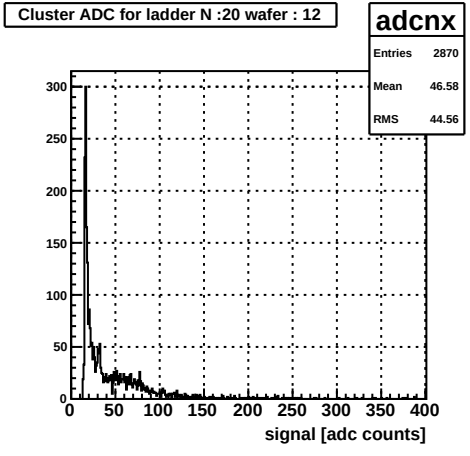

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3538
Mean 47.68
RMS 47.98
signal [adc counts]

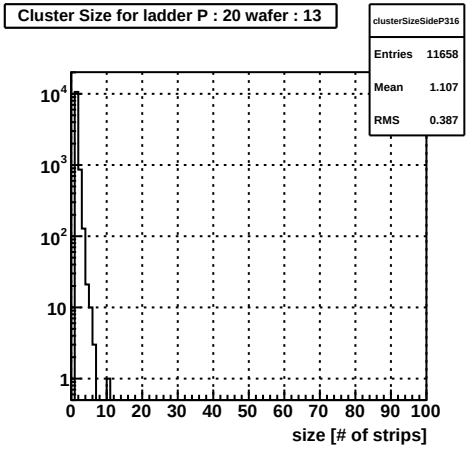

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 7043
Mean 1.364
RMS 0.8667
size [# of strips]

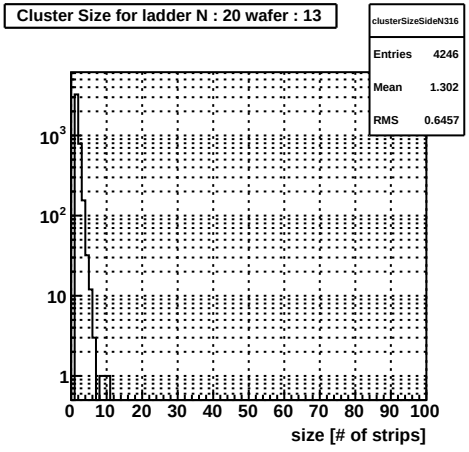

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2870
Mean 1.593
RMS 0.9508
size [# of strips]

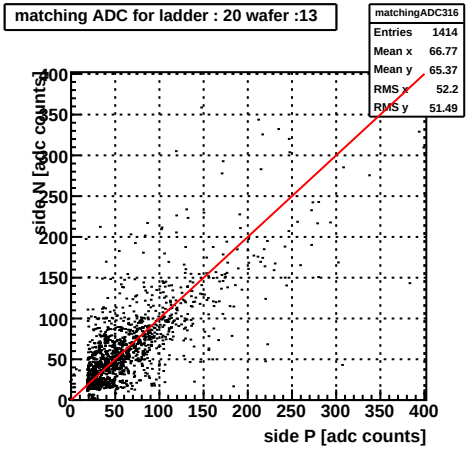

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 472
Mean x 65.93
Mean y 80.04
RMS x 58.85
RMS y 64.88
side N [adc counts]
side P [adc counts]

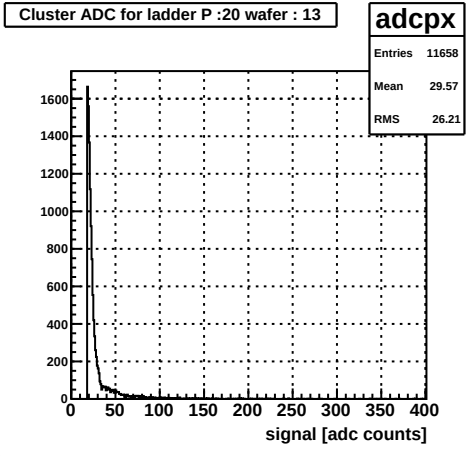

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 7043
Mean 34.76
RMS 30.83
signal [adc counts]

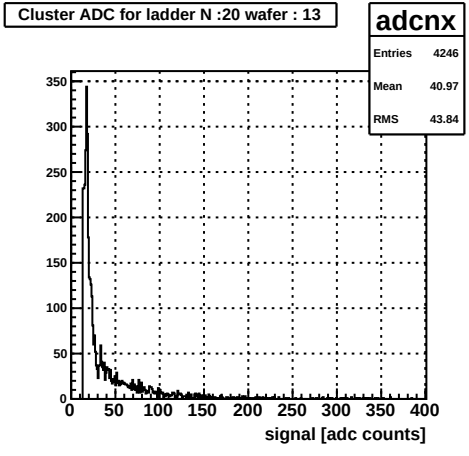

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2870
Mean 46.58
RMS 44.56
signal [adc counts]

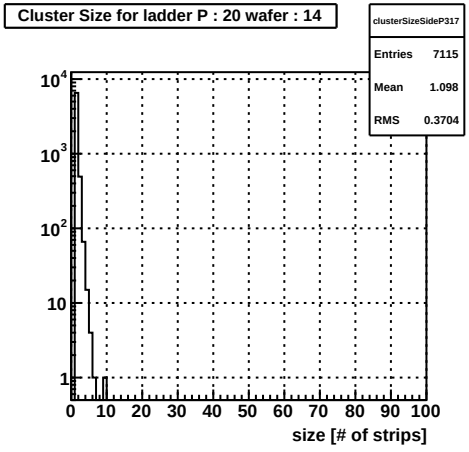

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 11658
Mean 1.107
RMS 0.387
size [# of strips]

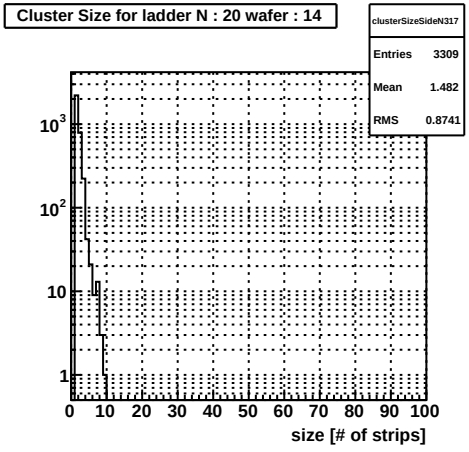

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4246
Mean 1.302
RMS 0.6457
size [# of strips]

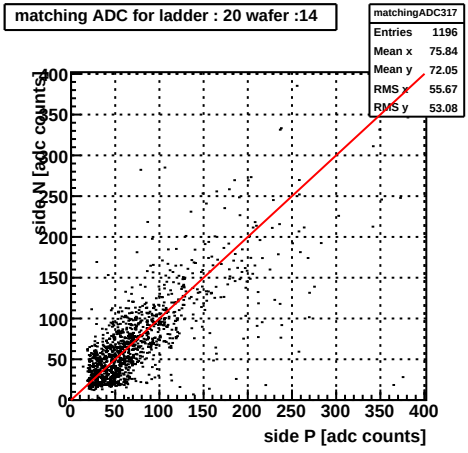

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1414
Mean x 66.77
Mean y 65.37
RMS x 52.2
RMS y 51.49
side N [adc counts]
side P [adc counts]

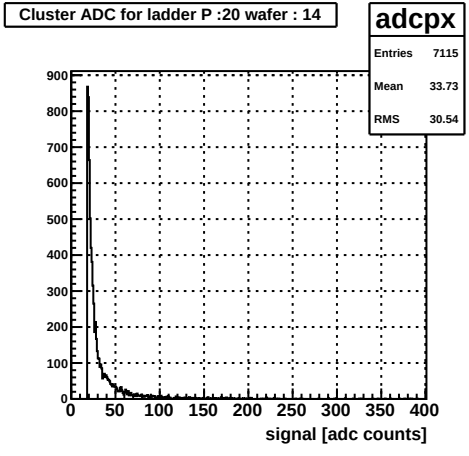

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 11658
Mean 29.57
RMS 26.21
signal [adc counts]

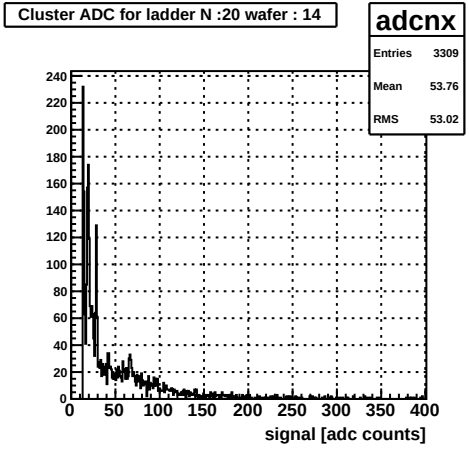

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4246
Mean 40.97
RMS 43.84
signal [adc counts]

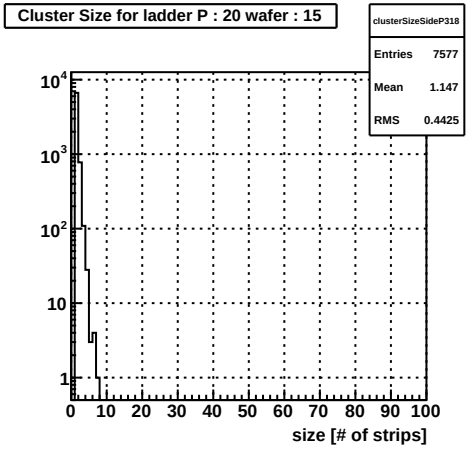

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 7115
Mean 1.098
RMS 0.3704
size [# of strips]

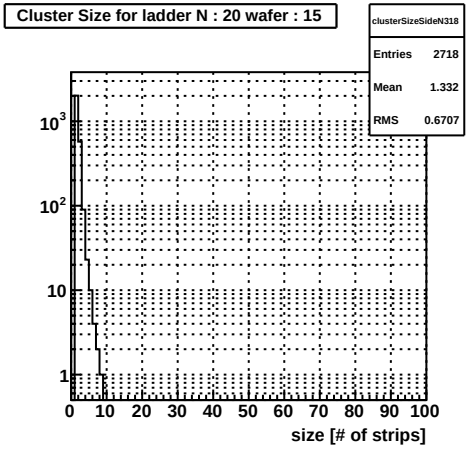

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 3309
Mean 1.482
RMS 0.8741
size [# of strips]

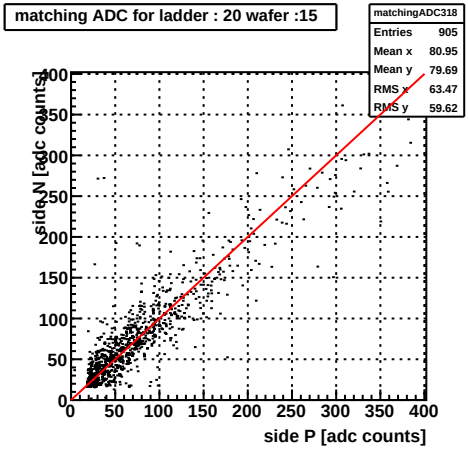

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1196
Mean x 75.84
Mean y 72.05
RMS x 55.67
RMS y 53.08
side N [adc counts]
side P [adc counts]

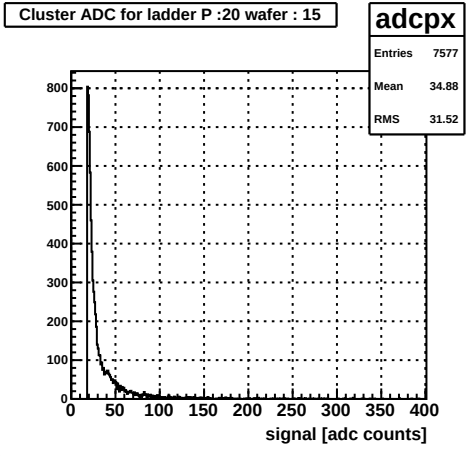

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 7115
Mean 33.73
RMS 30.54
signal [adc counts]

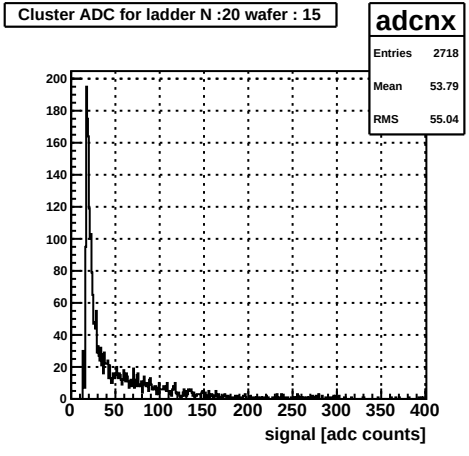

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 3309
Mean 53.76
RMS 53.02
signal [adc counts]

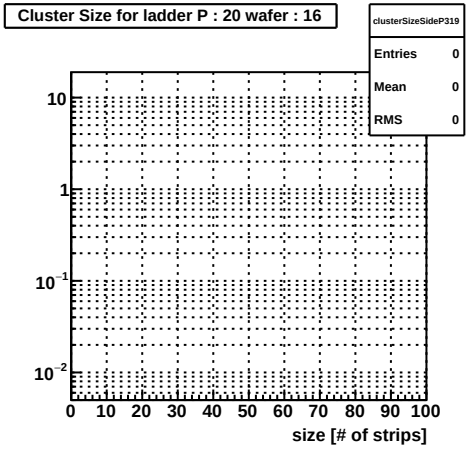

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7577
Mean 1.147
RMS 0.4425
size [# of strips]

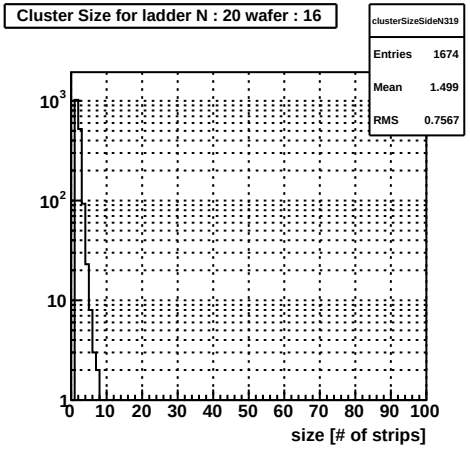

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2718
Mean 1.332
RMS 0.6707
size [# of strips]

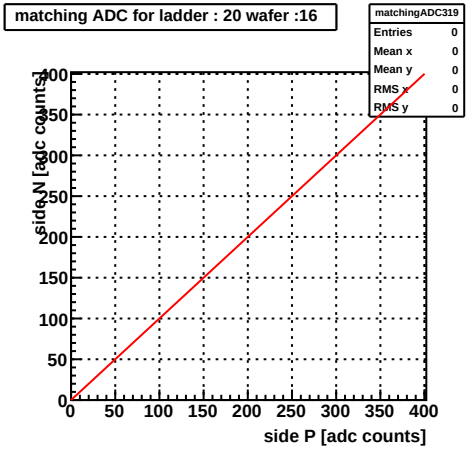

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 905
Mean x 80.95
Mean y 79.69
RMS x 63.47
RMS y 59.62
side N [adc counts]
side P [adc counts]

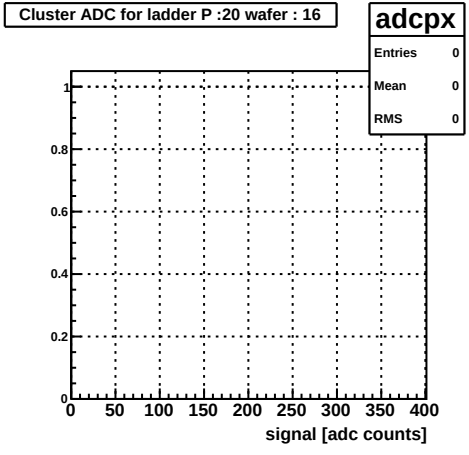

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7577
Mean 34.88
RMS 31.52
signal [adc counts]

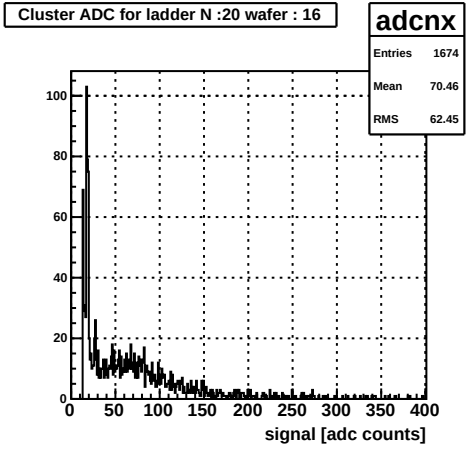

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2718
Mean 53.79
RMS 55.04
signal [adc counts]

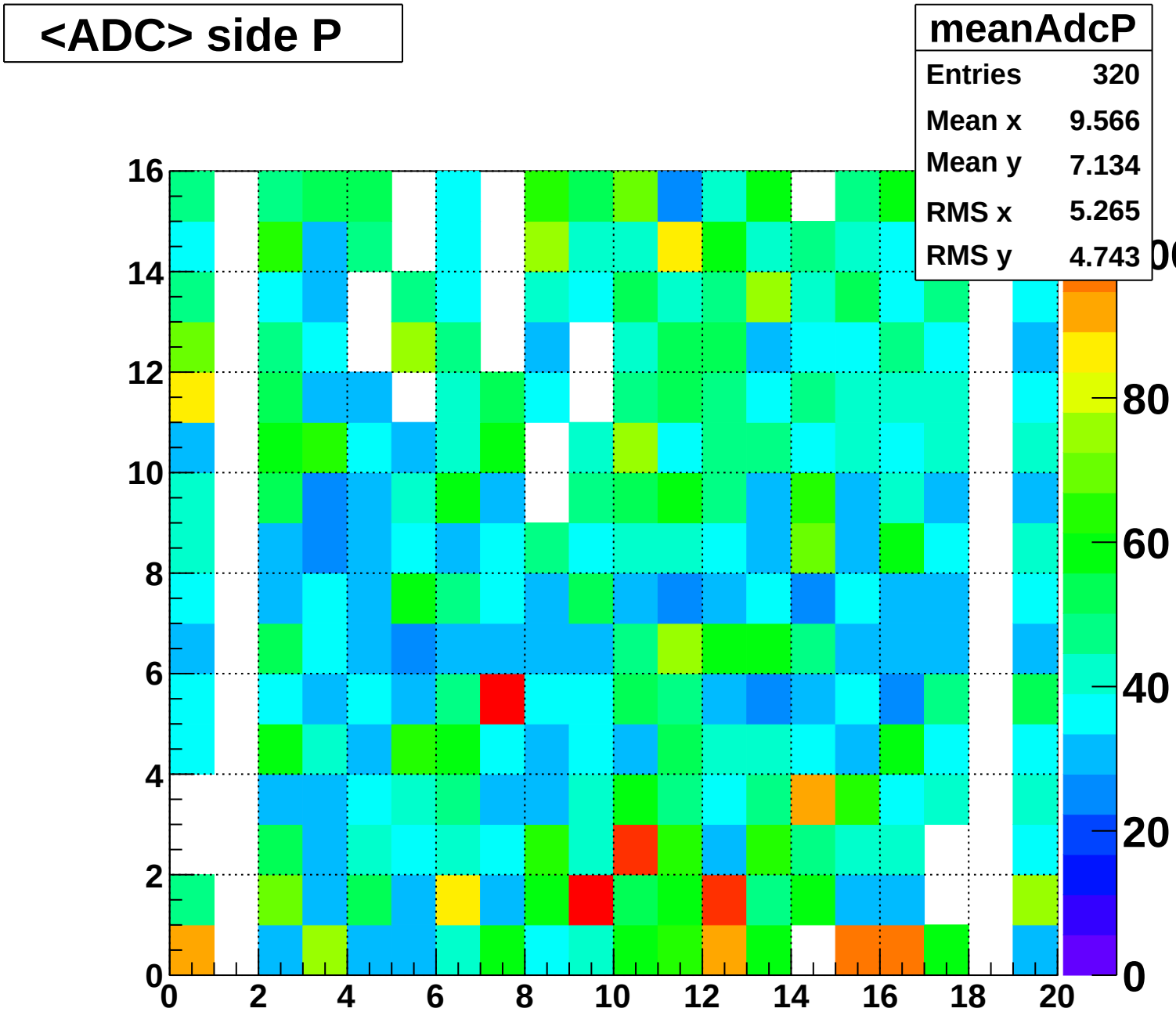

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 0
Mean 0
RMS 0
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1674
Mean 1.499
RMS 0.7567
size [# of strips]

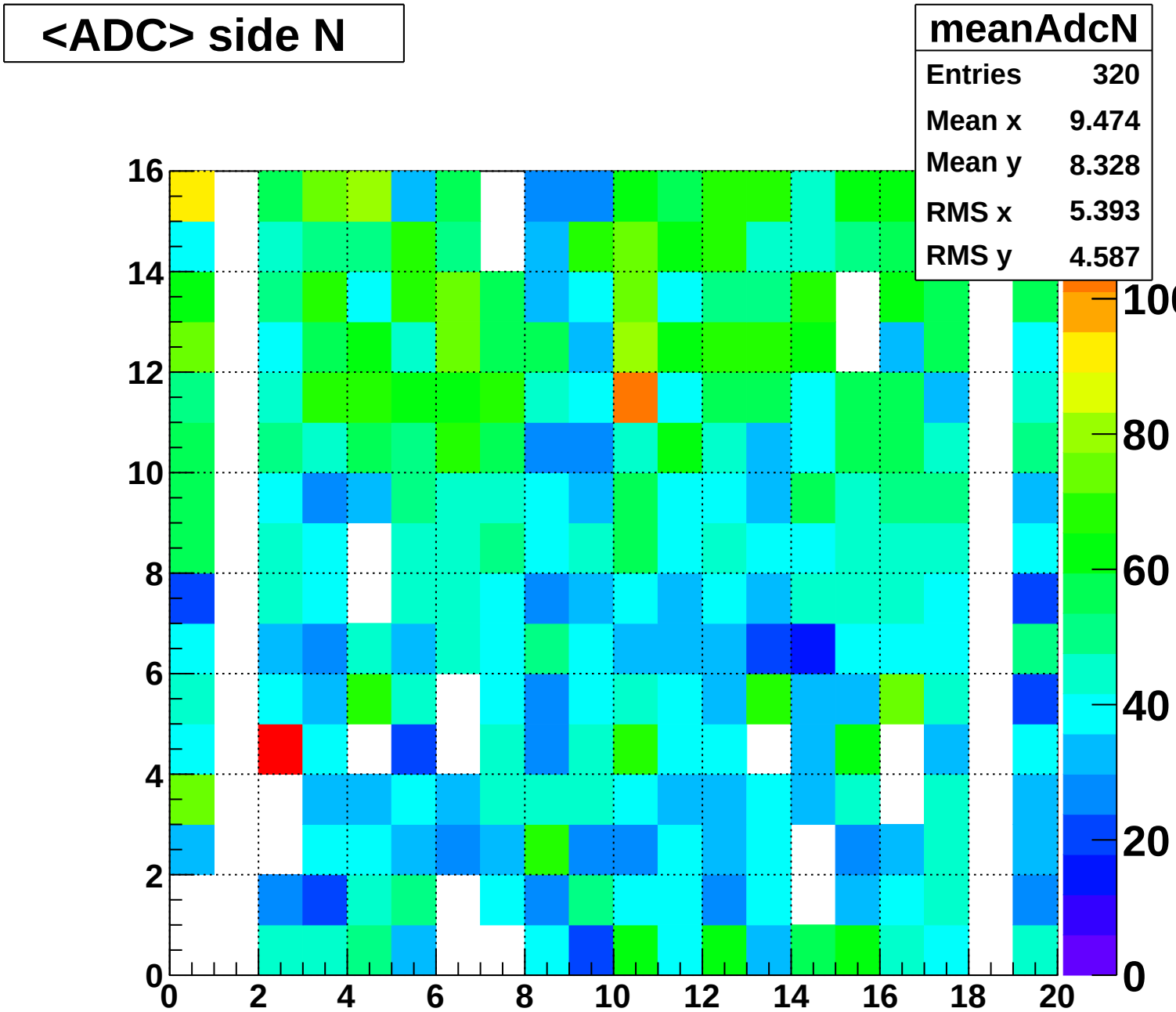

matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1674
Mean 70.46
RMS 62.45
signal [adc counts]



2016-05-18 09:48:38



2016-05-18 09:48:38