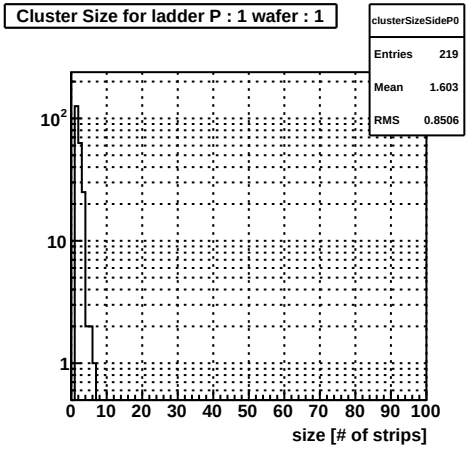
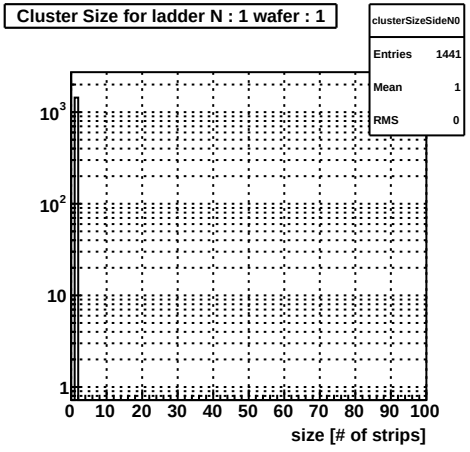
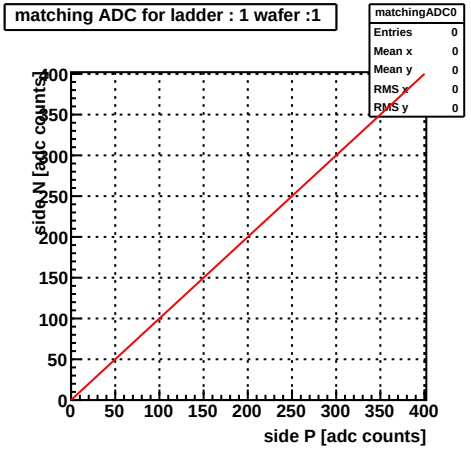
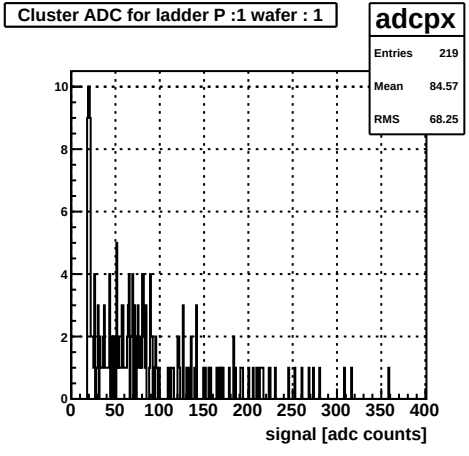
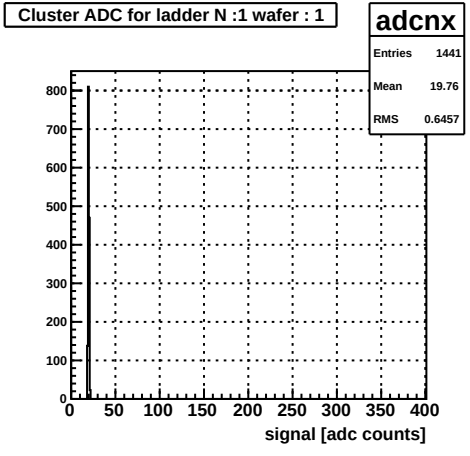
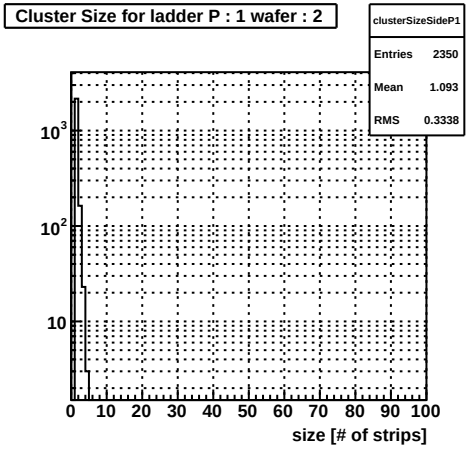

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 219
Mean 1.603
RMS 0.8506
size [# of strips]

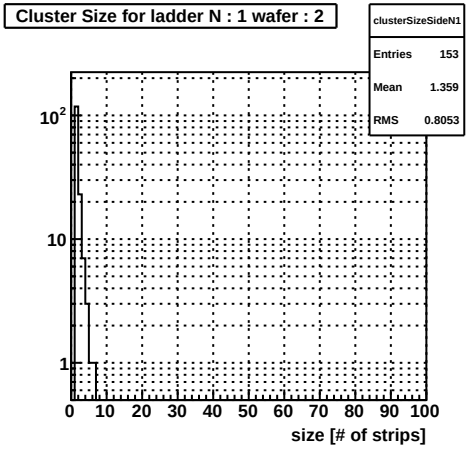

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 1441
Mean 1
RMS 0
size [# of strips]

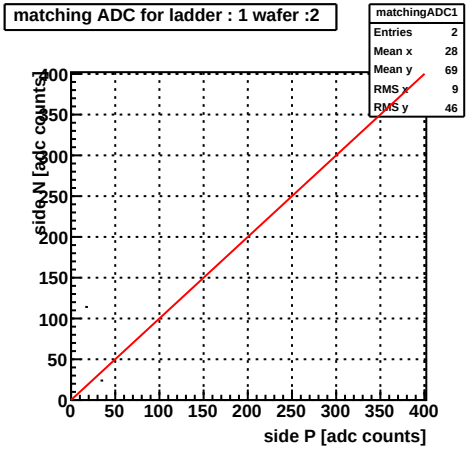

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

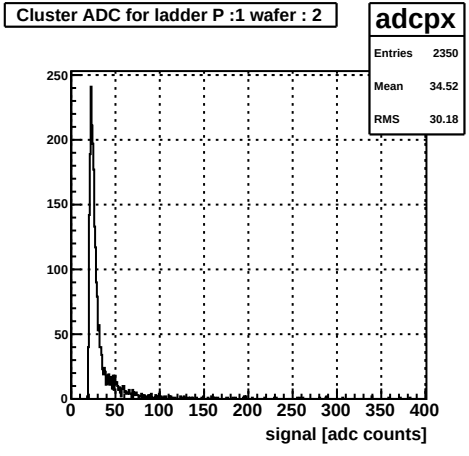

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 219
Mean 84.57
RMS 68.25
signal [adc counts]

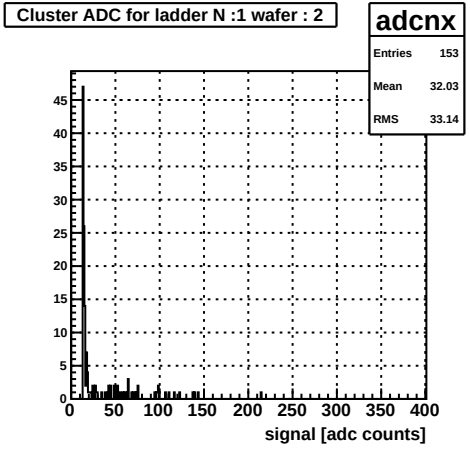

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 1441
Mean 19.76
RMS 0.6457
signal [adc counts]

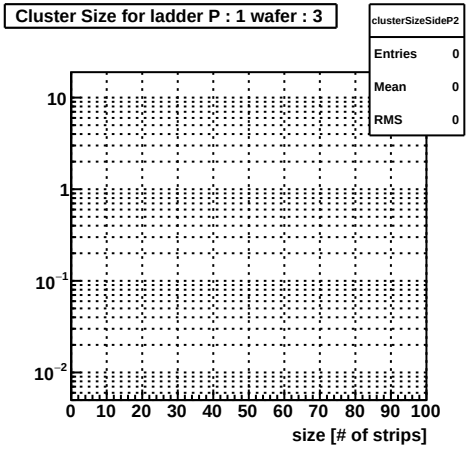

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 2350
Mean 1.093
RMS 0.3338
size [# of strips]

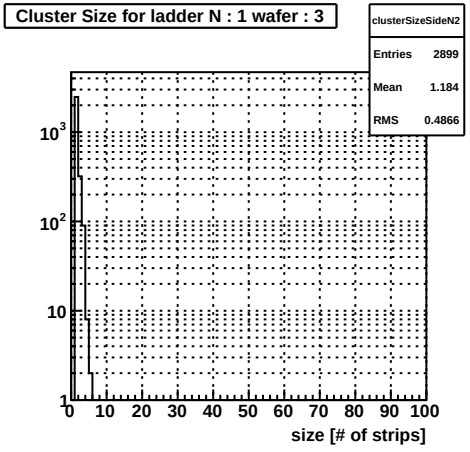

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 153
Mean 1.359
RMS 0.8053
size [# of strips]

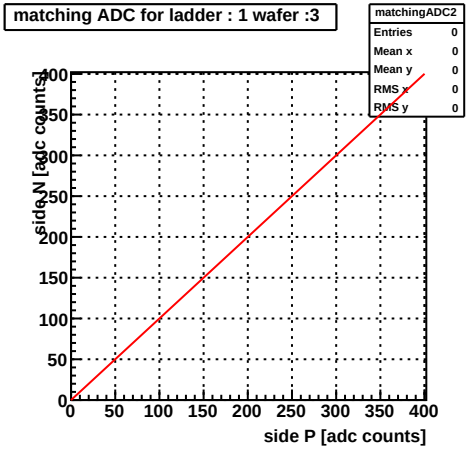

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 28
Mean y 69
RMS x 9
RMS y 46
side N [adc counts]
side P [adc counts]

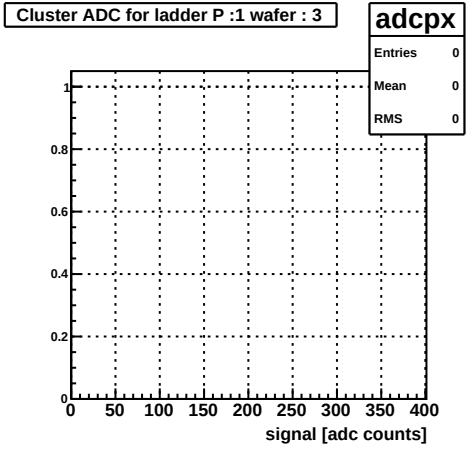

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 2350
Mean 34.52
RMS 30.18
signal [adc counts]

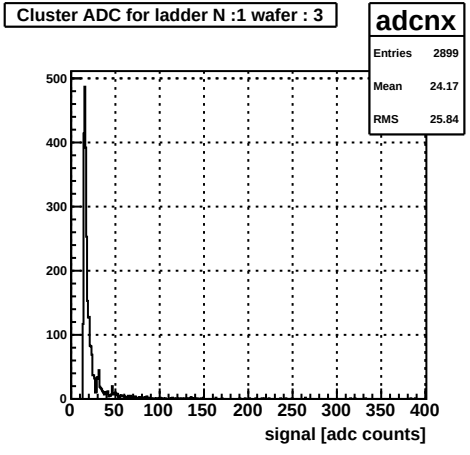

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 153
Mean 32.03
RMS 33.14
signal [adc counts]

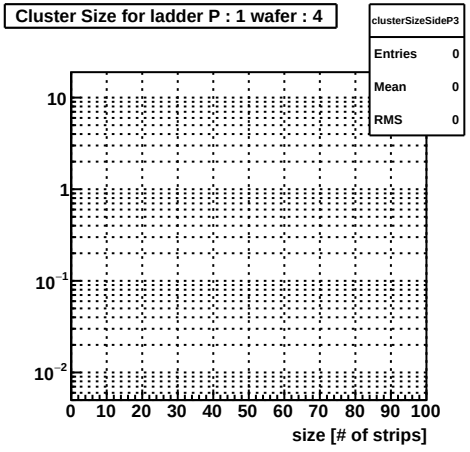

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

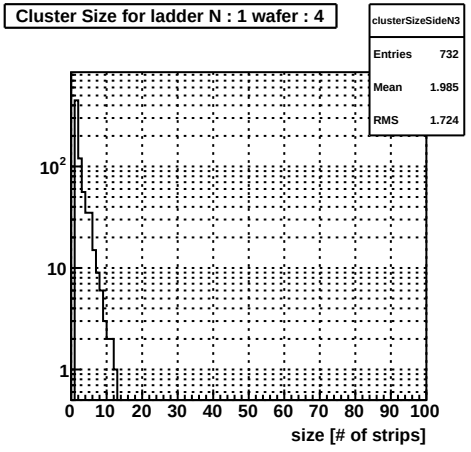

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 2899
Mean 1.184
RMS 0.4866
size [# of strips]

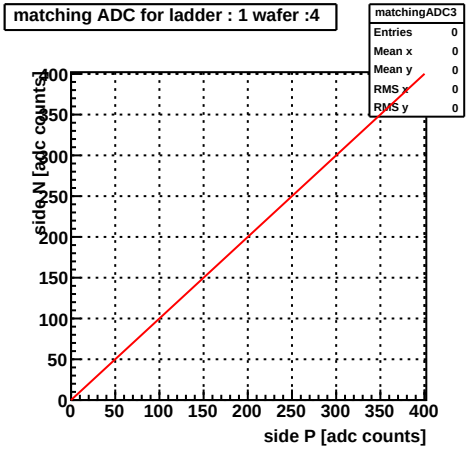

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

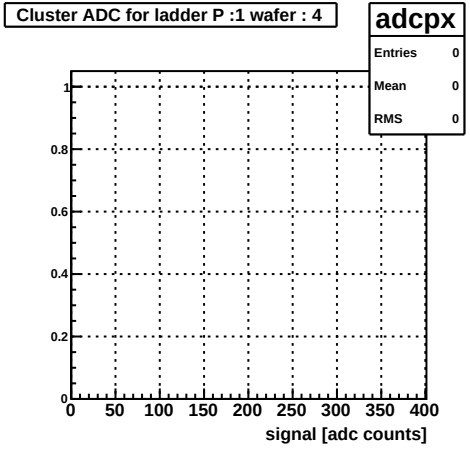

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

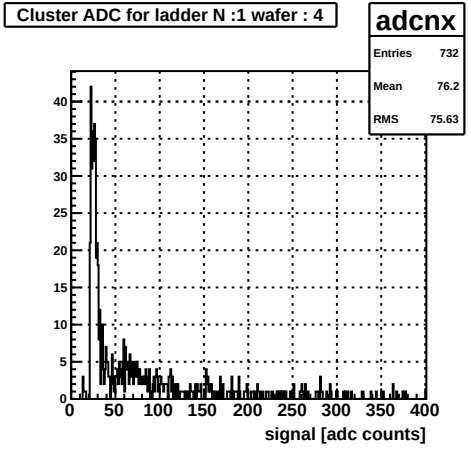

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 2899
Mean 24.17
RMS 25.84
signal [adc counts]

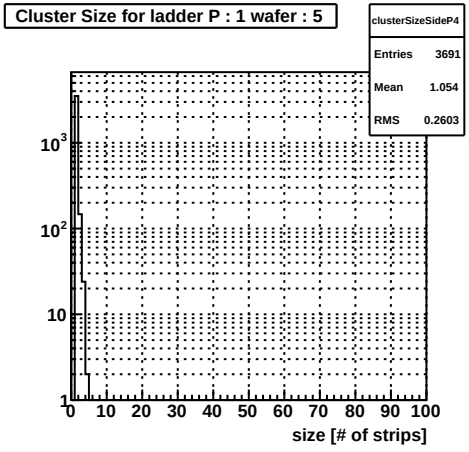

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

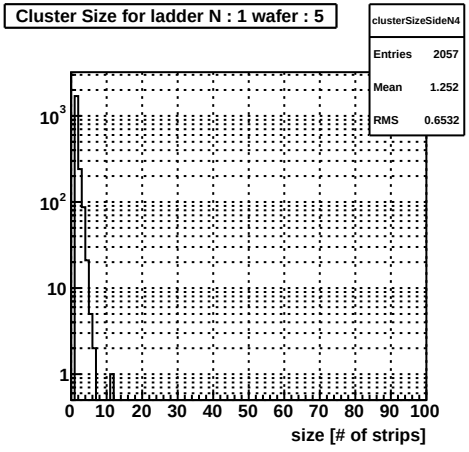

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 732
Mean 1.985
RMS 1.724
size [# of strips]

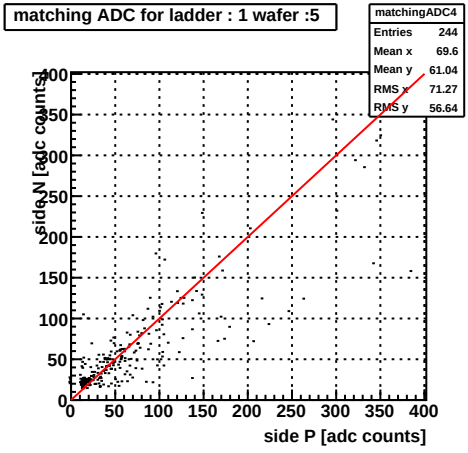

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

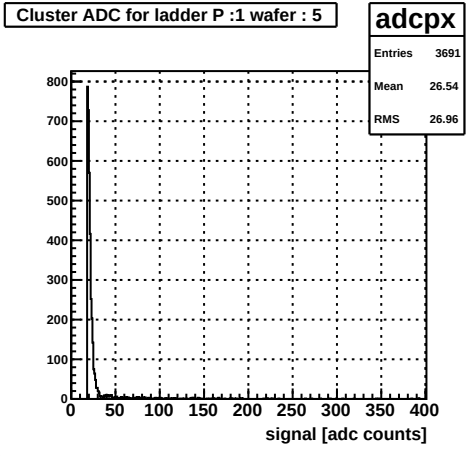

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

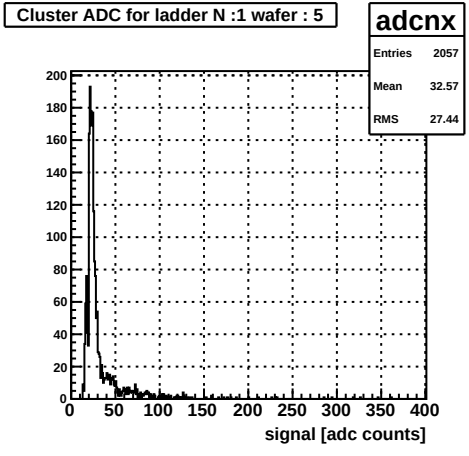

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 732
Mean 76.2
RMS 75.63
signal [adc counts]

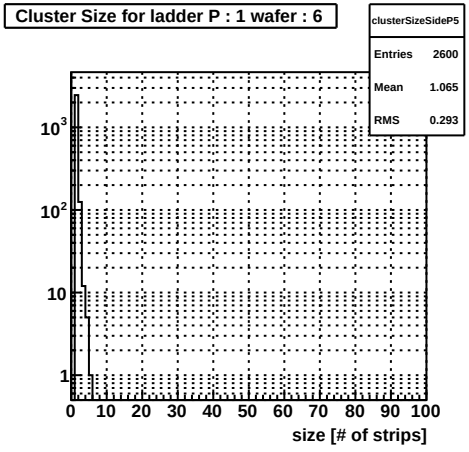

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 3691
Mean 1.054
RMS 0.2603
size [# of strips]

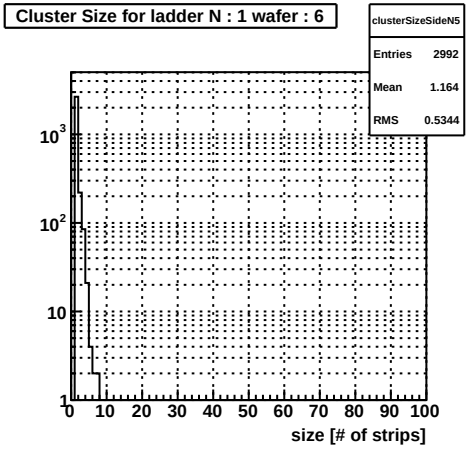

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2057
Mean 1.252
RMS 0.6532
size [# of strips]

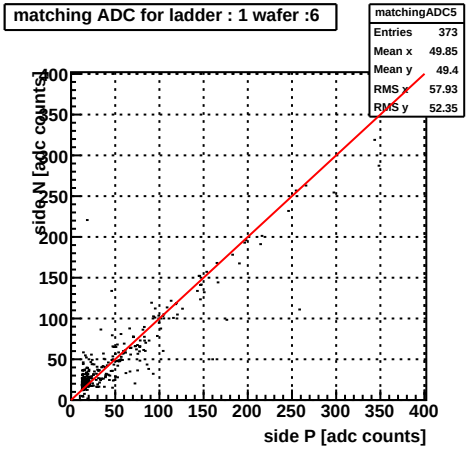

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 244
Mean x 69.6
Mean y 61.04
RMS x 71.27
RMS y 56.64
side N [adc counts]
side P [adc counts]

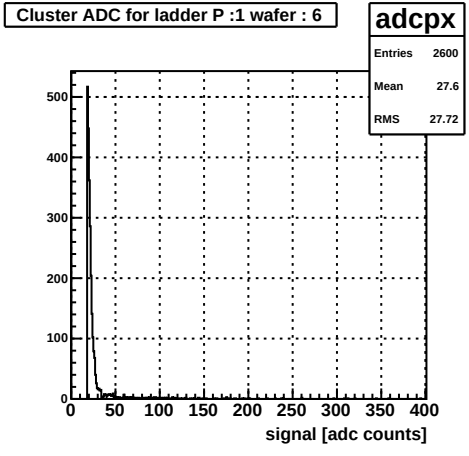

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 3691
Mean 26.54
RMS 26.96
signal [adc counts]

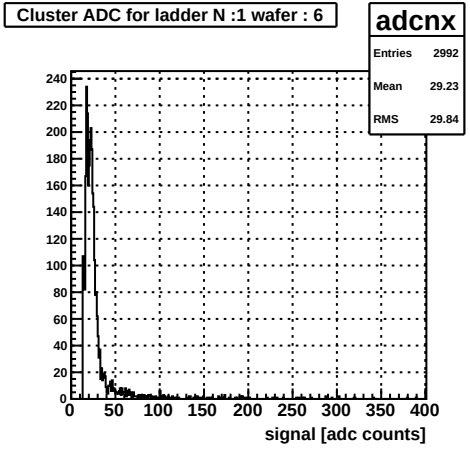

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2057
Mean 32.57
RMS 27.44
signal [adc counts]

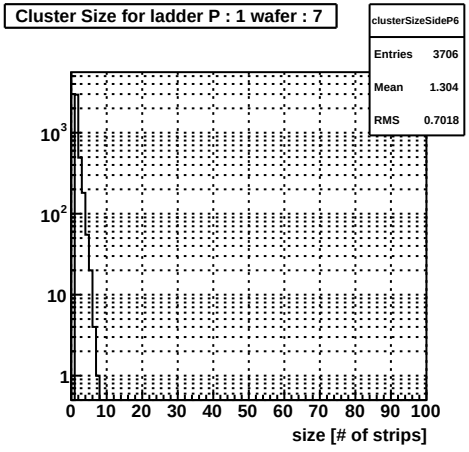

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2600
Mean 1.065
RMS 0.293
size [# of strips]

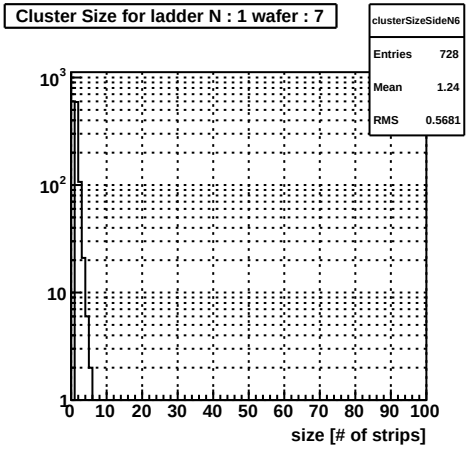

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2992
Mean 1.164
RMS 0.5344
size [# of strips]

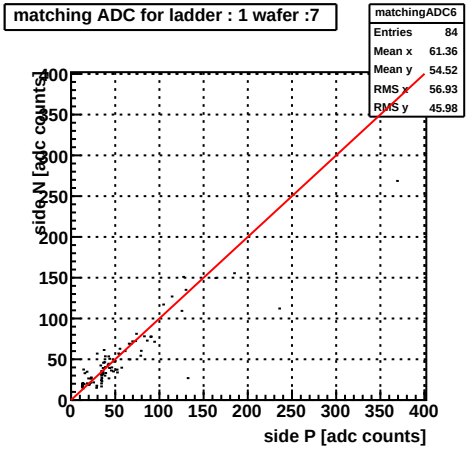

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 373
Mean x 49.85
Mean y 49.4
RMS x 57.93
RMS y 52.35
side N [adc counts]
side P [adc counts]

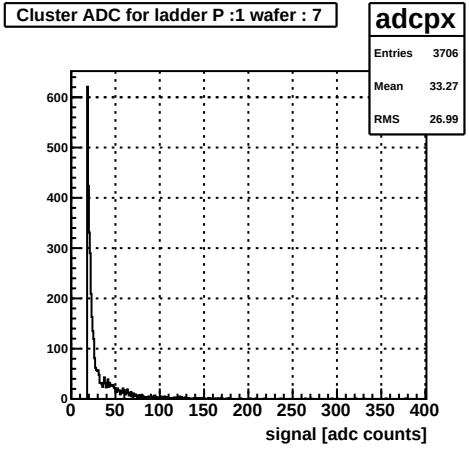

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2600
Mean 27.6
RMS 27.72
signal [adc counts]

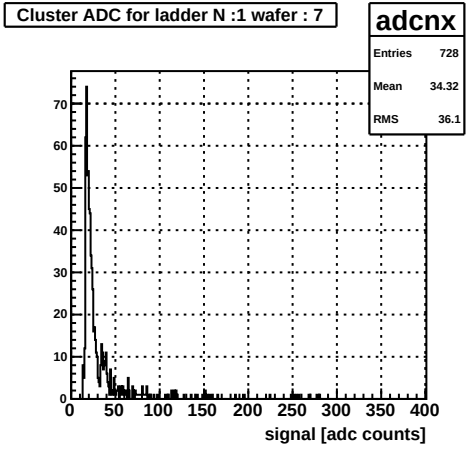

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2992
Mean 29.23
RMS 29.84
signal [adc counts]

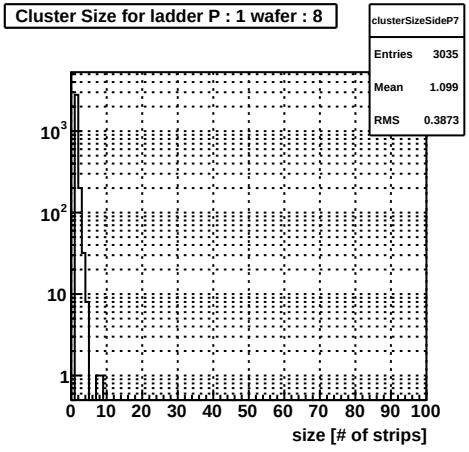

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 3706
Mean 1.304
RMS 0.7018
size [# of strips]

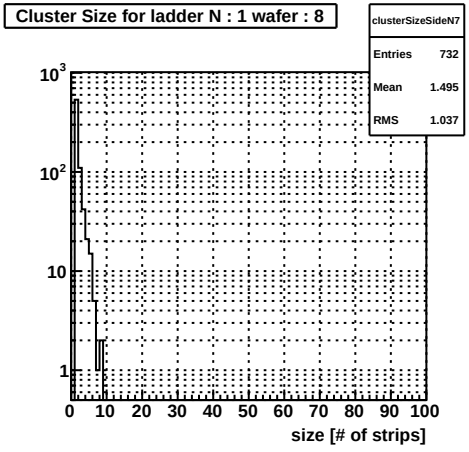

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 728
Mean 1.24
RMS 0.5681
size [# of strips]

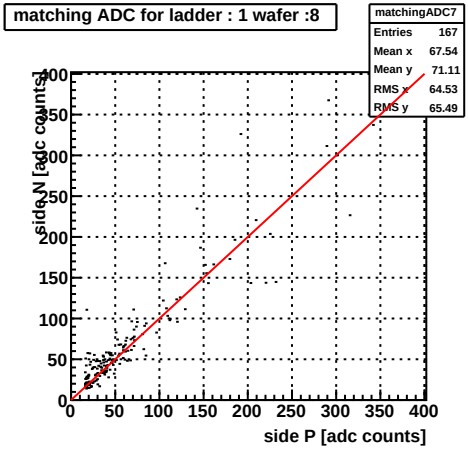

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 84
Mean x 61.36
Mean y 54.52
RMS x 56.93
RMS y 45.98
side N [adc counts]
side P [adc counts]

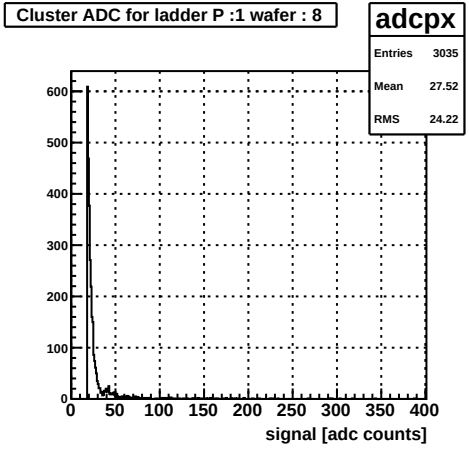

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 3706
Mean 33.27
RMS 26.99
signal [adc counts]

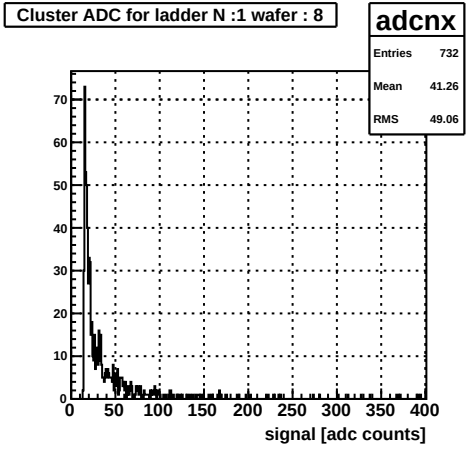

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 728
Mean 34.32
RMS 36.1
signal [adc counts]

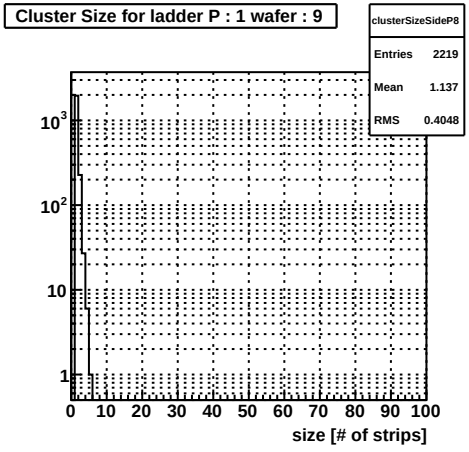

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 3035
Mean 1.099
RMS 0.3873
size [# of strips]

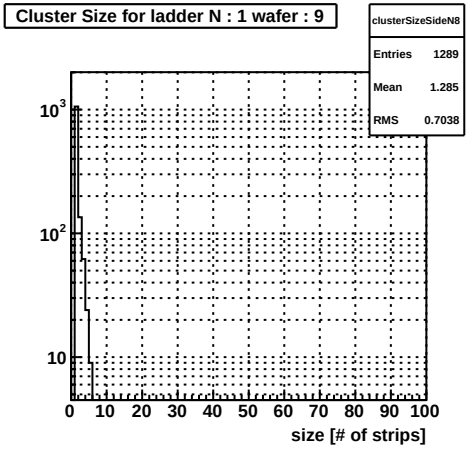

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 732
Mean 1.495
RMS 1.037
size [# of strips]

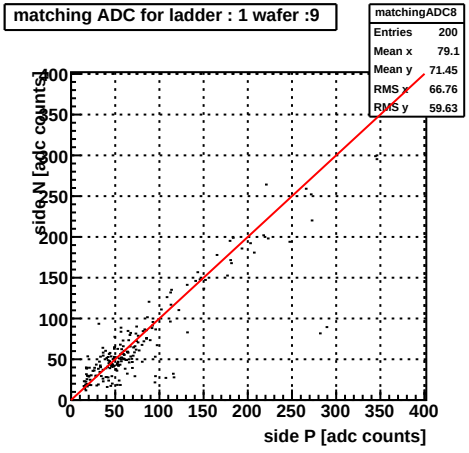

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 167
Mean x 67.54
Mean y 71.11
RMS x 64.53
RMS y 65.49
side N [adc counts]
side P [adc counts]

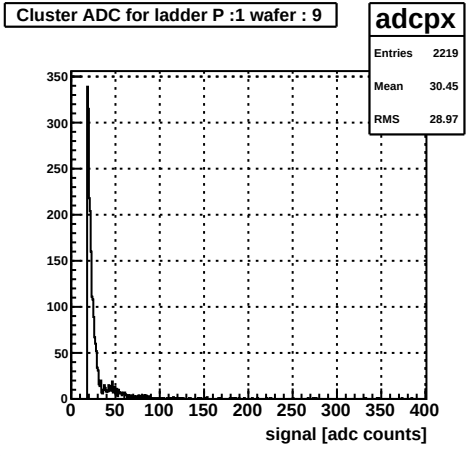

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 3035
Mean 27.52
RMS 24.22
signal [adc counts]

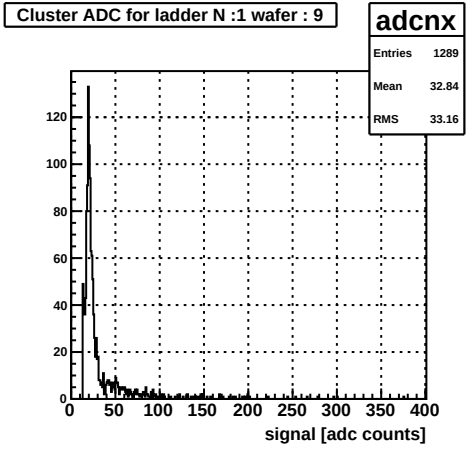

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 732
Mean 41.26
RMS 49.06
signal [adc counts]

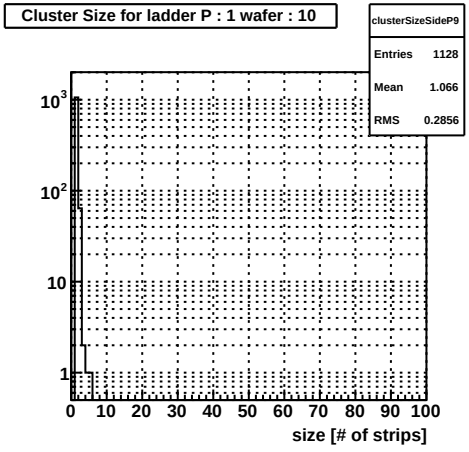

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 2219
Mean 1.137
RMS 0.4048
size [# of strips]

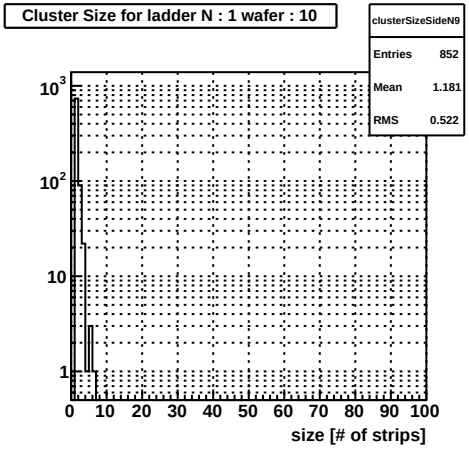

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1289
Mean 1.285
RMS 0.7038
size [# of strips]

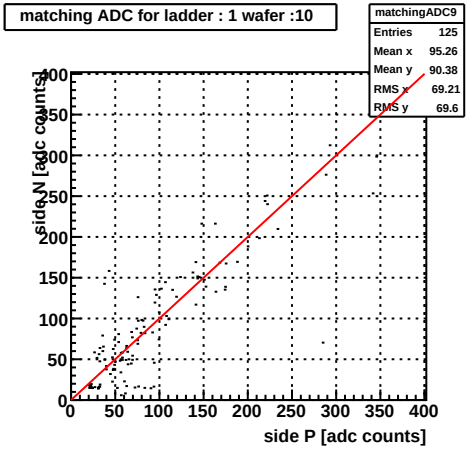

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 200
Mean x 79.1
Mean y 71.45
RMS x 66.76
RMS y 59.63
side N [adc counts]
side P [adc counts]

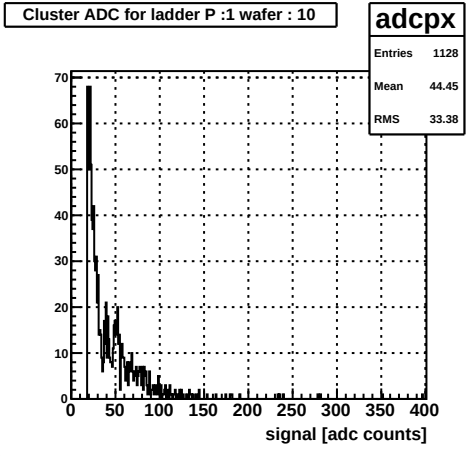

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 2219
Mean 30.45
RMS 28.97
signal [adc counts]

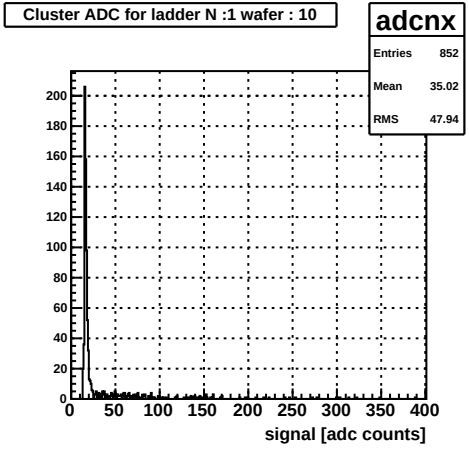

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1289
Mean 32.84
RMS 33.16
signal [adc counts]

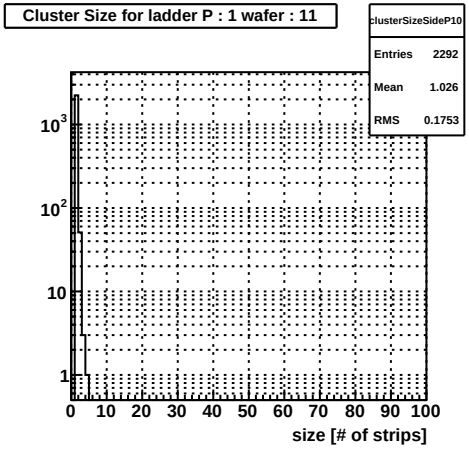

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1128
Mean 1.066
RMS 0.2856
size [# of strips]

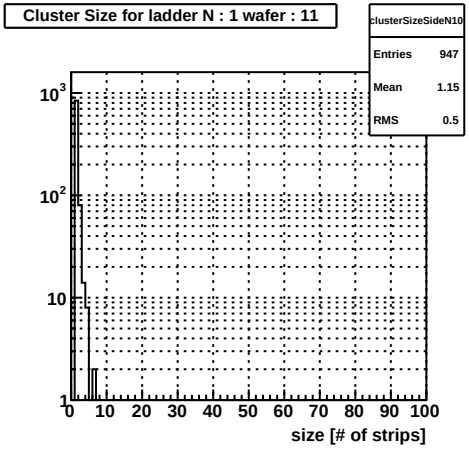

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 852
Mean 1.181
RMS 0.522
size [# of strips]

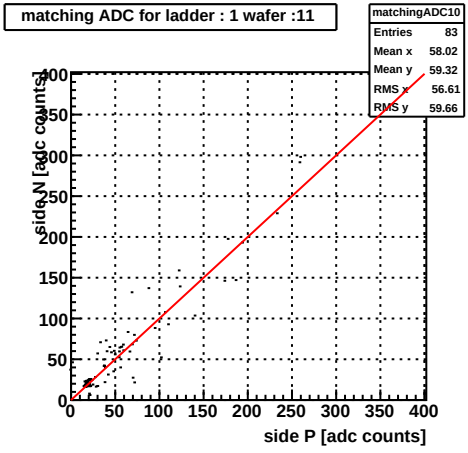

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 125
Mean x 95.26
Mean y 90.38
RMS x 69.21
RMS y 69.6
side N [adc counts]
side P [adc counts]

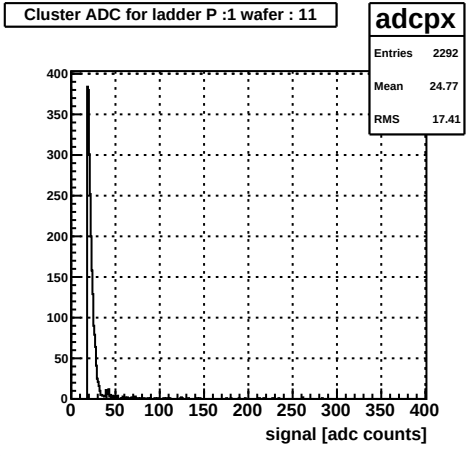

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1128
Mean 44.45
RMS 33.38
signal [adc counts]

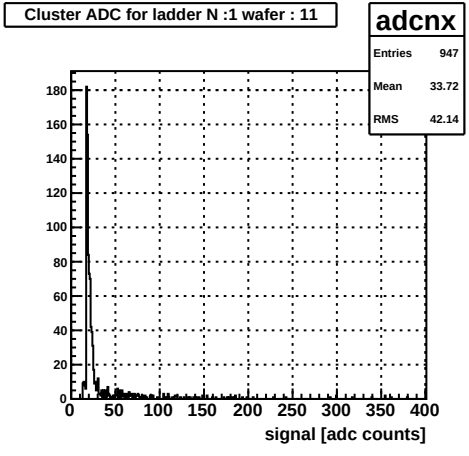

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 852
Mean 35.02
RMS 47.94
signal [adc counts]

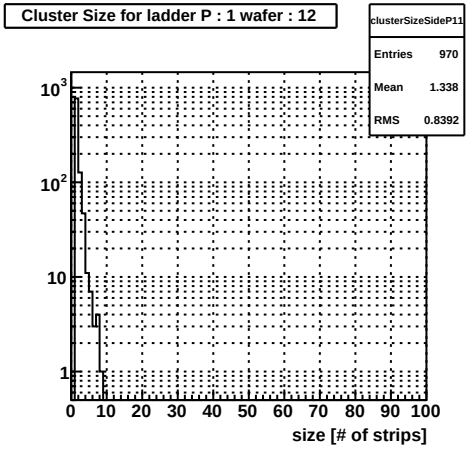

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 2292
Mean 1.026
RMS 0.1753
size [# of strips]

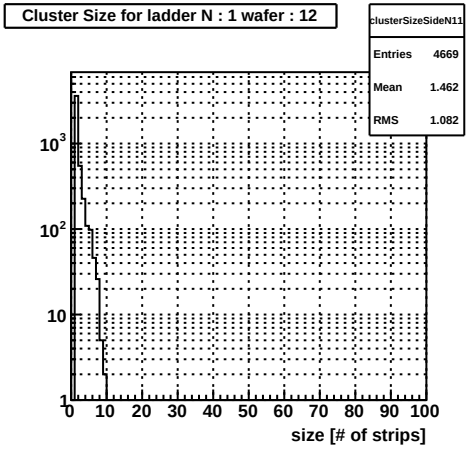

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 947
Mean 1.15
RMS 0.5
size [# of strips]

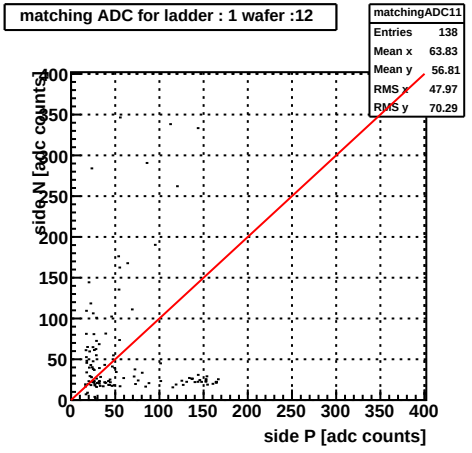

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 83
Mean x 58.02
Mean y 59.32
RMS x 56.61
RMS y 59.66
side N [adc counts]
side P [adc counts]

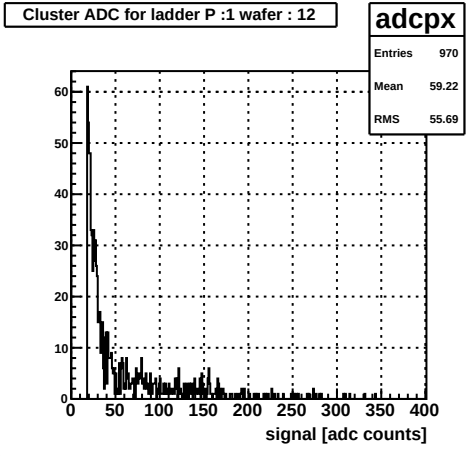

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 2292
Mean 24.77
RMS 17.41
signal [adc counts]

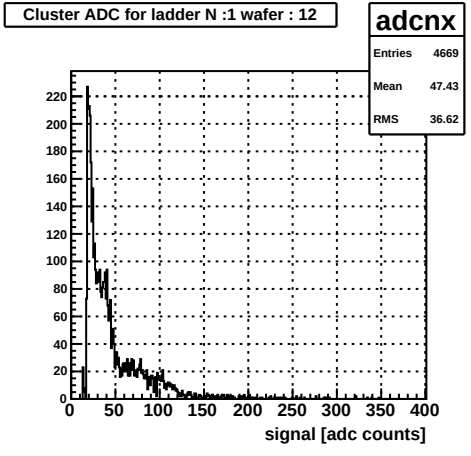

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 947
Mean 33.72
RMS 42.14
signal [adc counts]

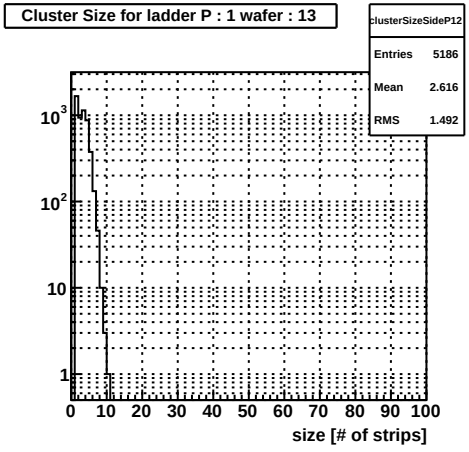

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 970
Mean 1.338
RMS 0.8392
size [# of strips]

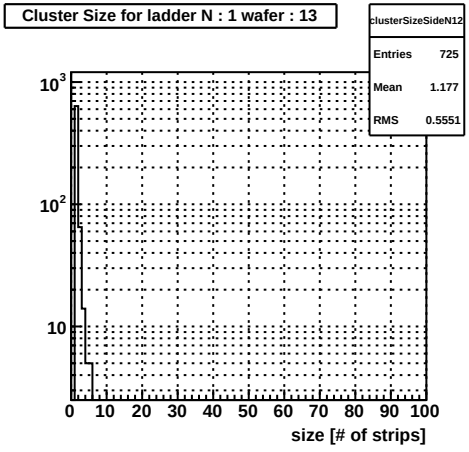

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 4669
Mean 1.462
RMS 1.082
size [# of strips]

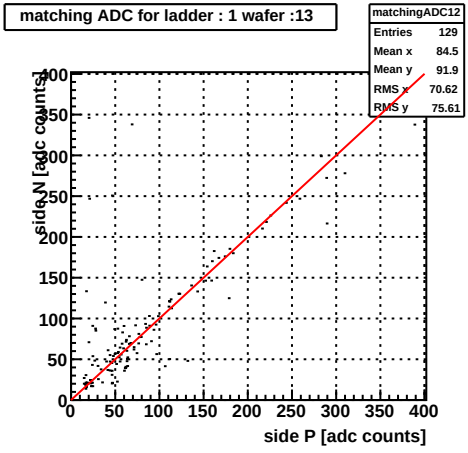

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 138
Mean x 63.83
Mean y 56.81
RMS x 47.97
RMS y 70.29
side N [adc counts]
side P [adc counts]

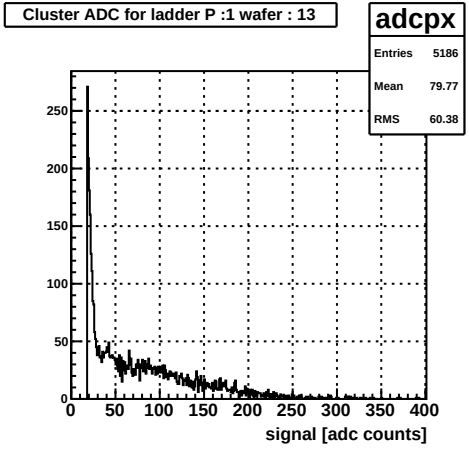

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 970
Mean 59.22
RMS 55.69
signal [adc counts]

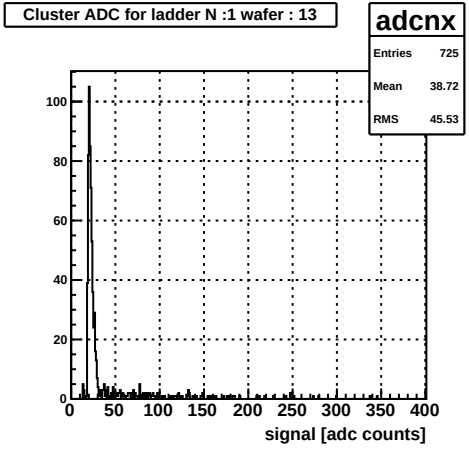

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 4669
Mean 47.43
RMS 36.62
signal [adc counts]

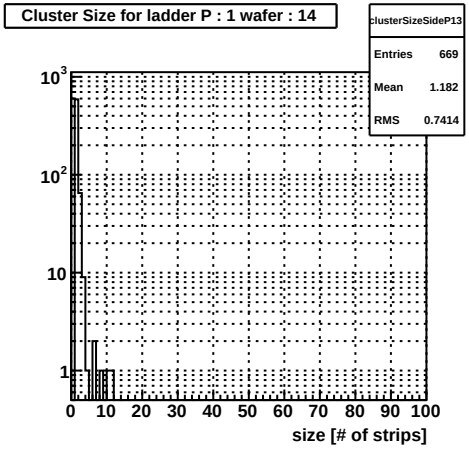

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 5186
Mean 2.616
RMS 1.492
size [# of strips]

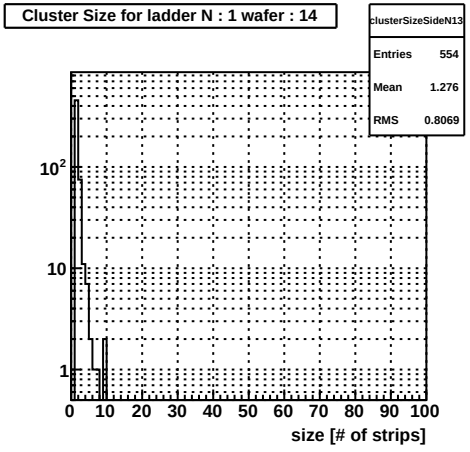

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 725
Mean 1.177
RMS 0.5551
size [# of strips]

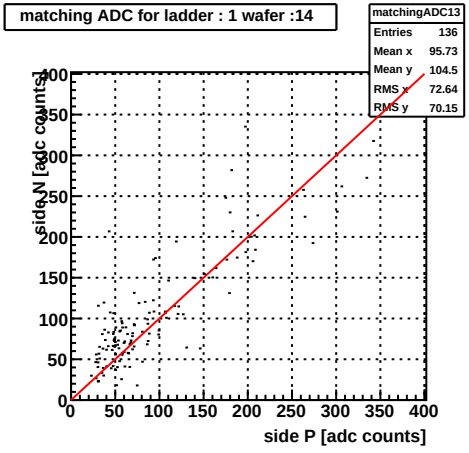

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 129
Mean x 84.5
Mean y 91.9
RMS x 70.62
RMS y 75.61
side N [adc counts]
side P [adc counts]

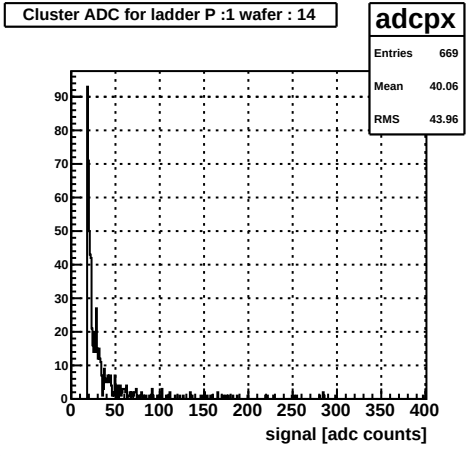

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 5186
Mean 79.77
RMS 60.38
signal [adc counts]

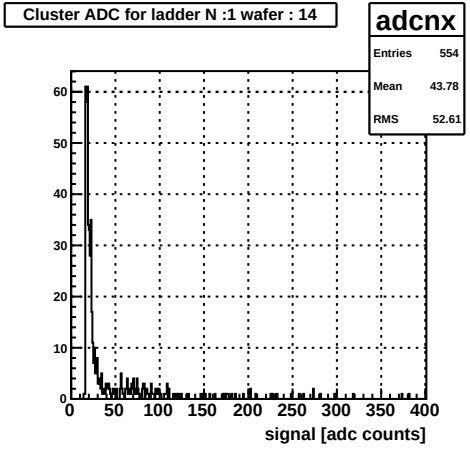

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 725
Mean 38.72
RMS 45.53
signal [adc counts]

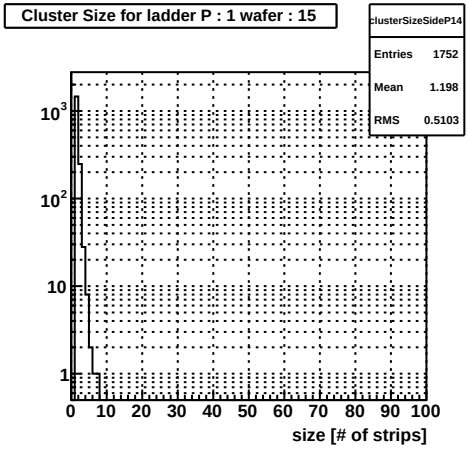

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 669
Mean 1.182
RMS 0.7414
size [# of strips]

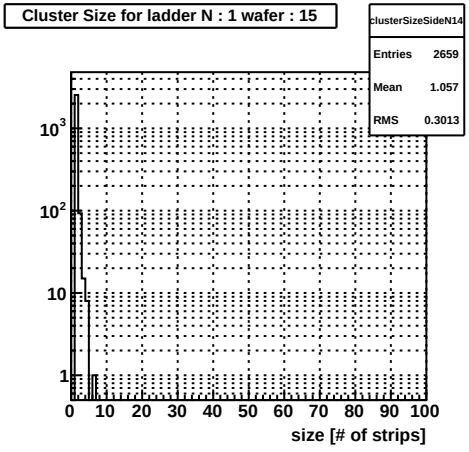

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 554
Mean 1.276
RMS 0.8069
size [# of strips]

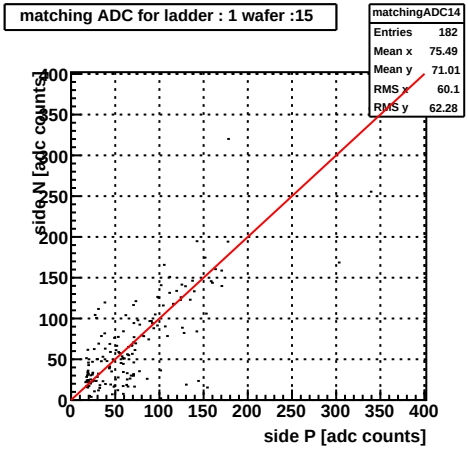

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 136
Mean x 95.73
Mean y 104.5
RMS x 72.64
RMS y 70.15
side N [adc counts]
side P [adc counts]

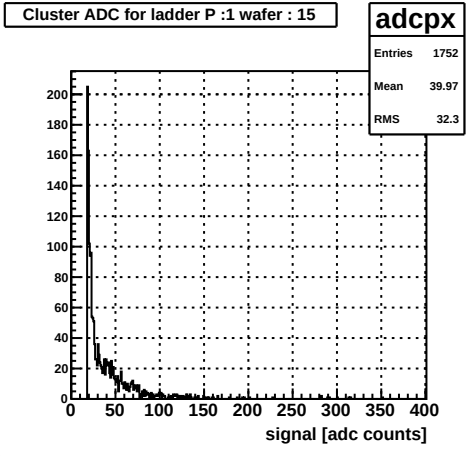

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 669
Mean 40.06
RMS 43.96
signal [adc counts]

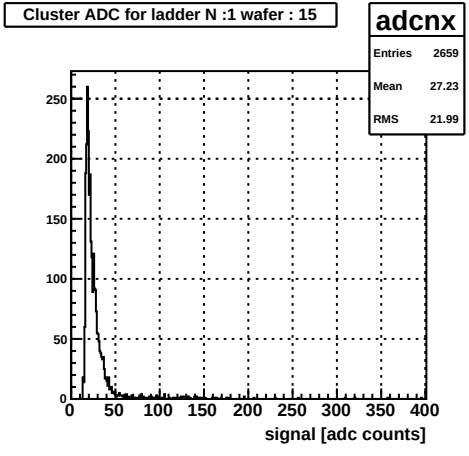

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 554
Mean 43.78
RMS 52.61
signal [adc counts]

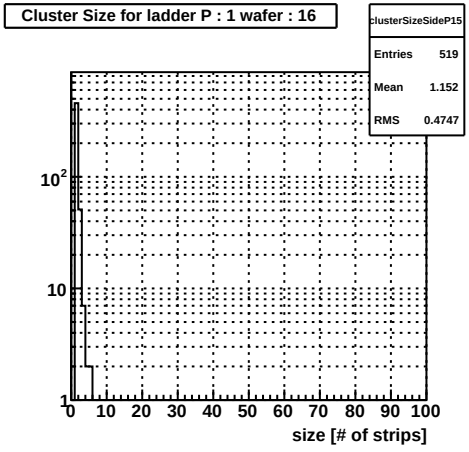

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 1752
Mean 1.198
RMS 0.5103
size [# of strips]

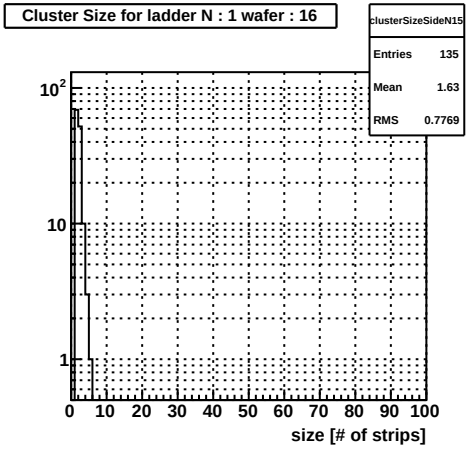

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2659
Mean 1.057
RMS 0.3013
size [# of strips]

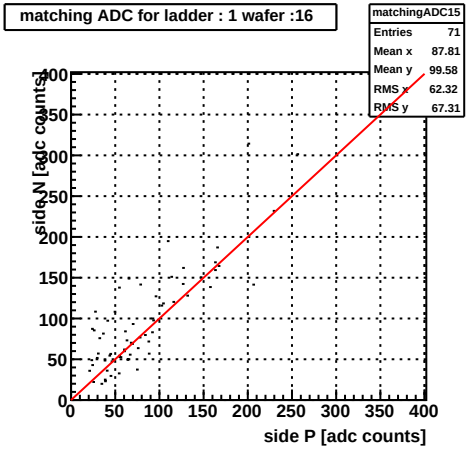

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 182
Mean x 75.49
Mean y 71.01
RMS x 60.1
RMS y 62.28
side N [adc counts]
side P [adc counts]

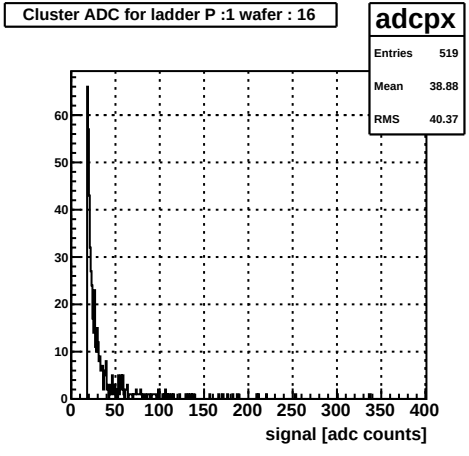

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 1752
Mean 39.97
RMS 32.3
signal [adc counts]

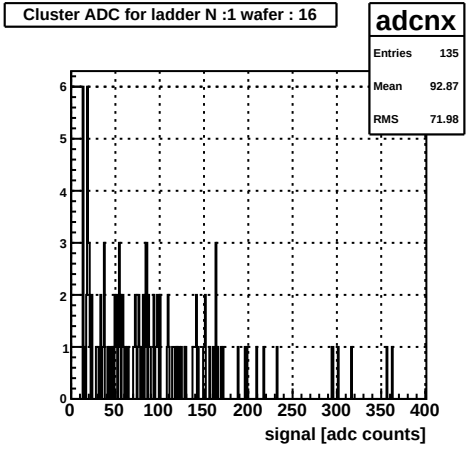

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2659
Mean 27.23
RMS 21.99
signal [adc counts]

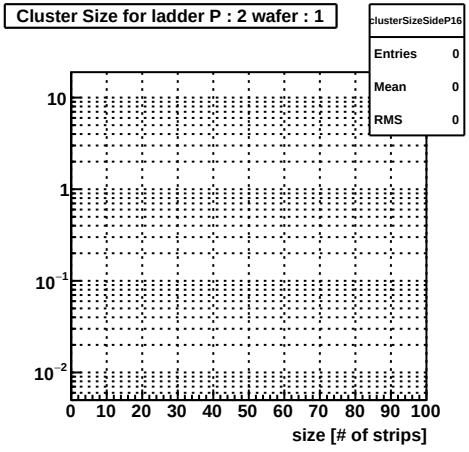

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 519
Mean 1.152
RMS 0.4747
size [# of strips]

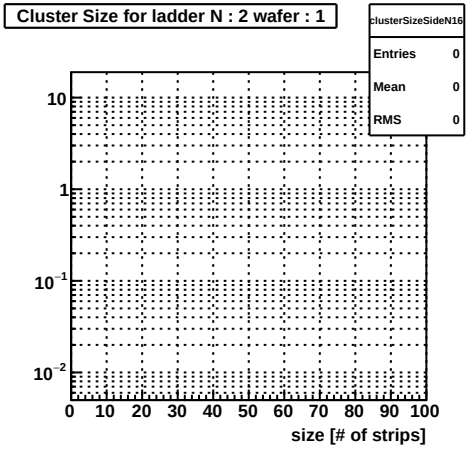

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 135
Mean 1.63
RMS 0.7769
size [# of strips]

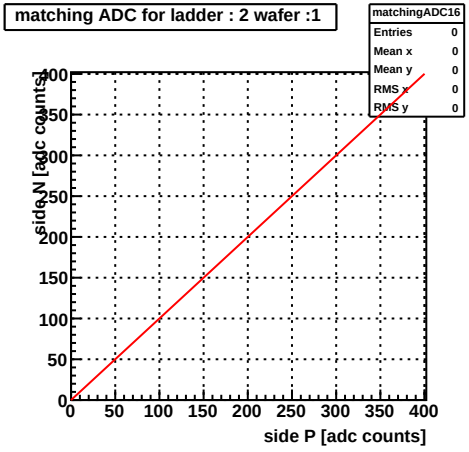

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 71
Mean x 87.81
Mean y 99.58
RMS x 62.32
RMS y 67.31
side N [adc counts]
side P [adc counts]

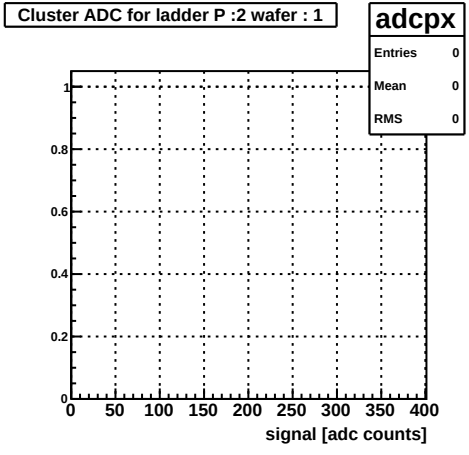

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 519
Mean 38.88
RMS 40.37
signal [adc counts]

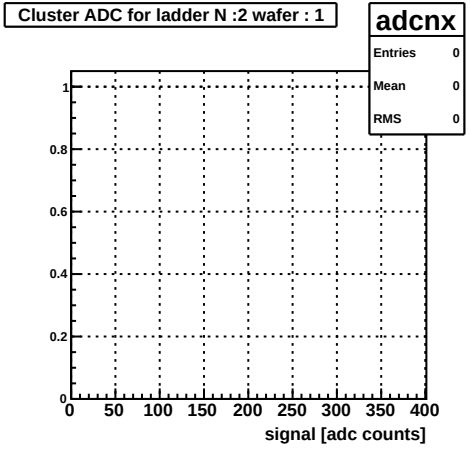

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 135
Mean 92.87
RMS 71.98
signal [adc counts]

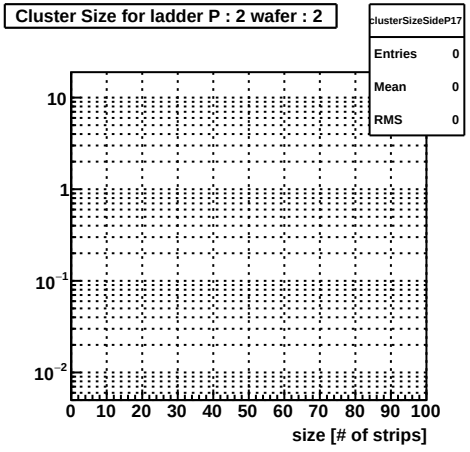

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

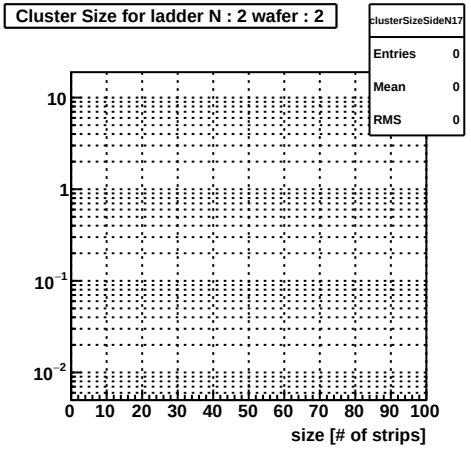

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

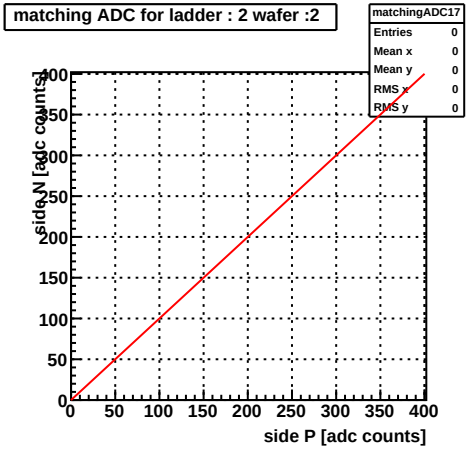

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

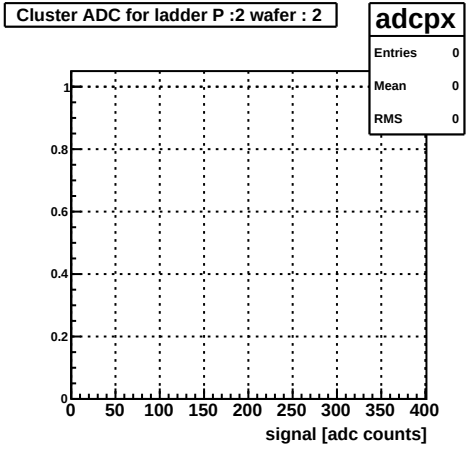

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

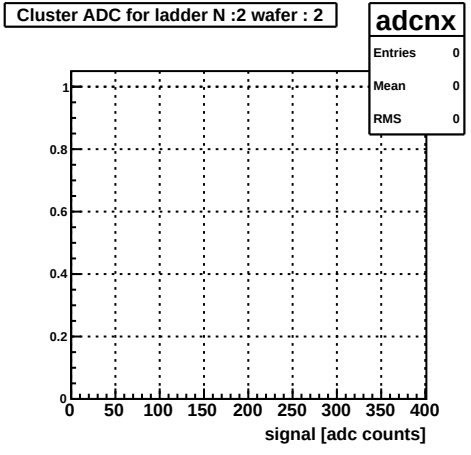

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

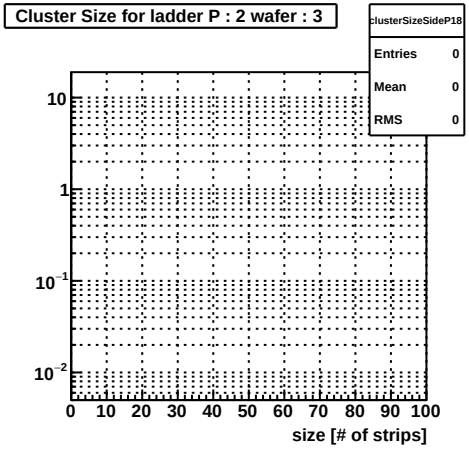

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

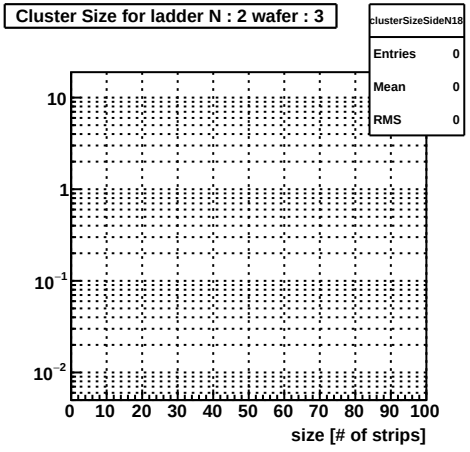

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

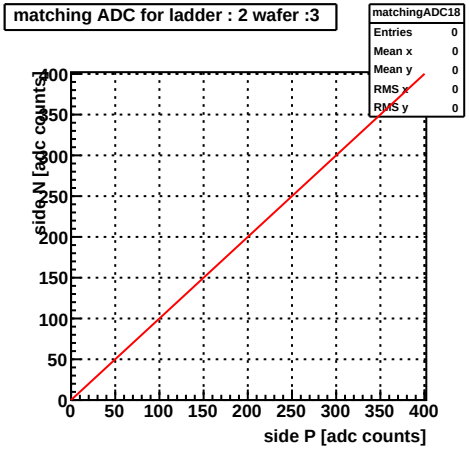

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

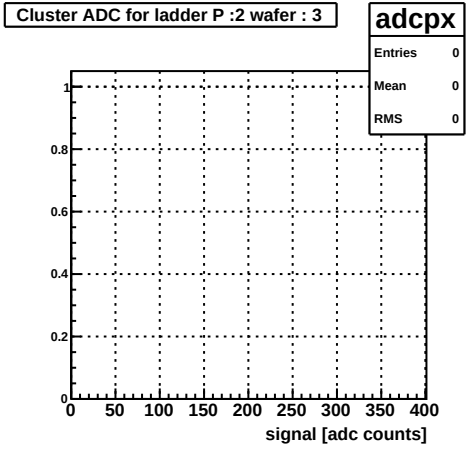

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

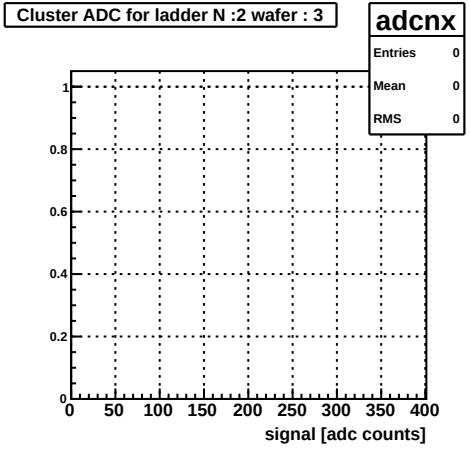

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

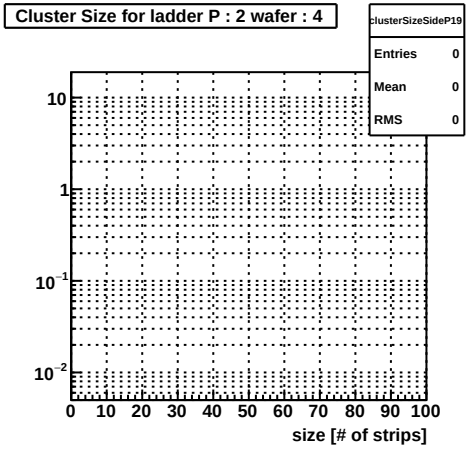

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

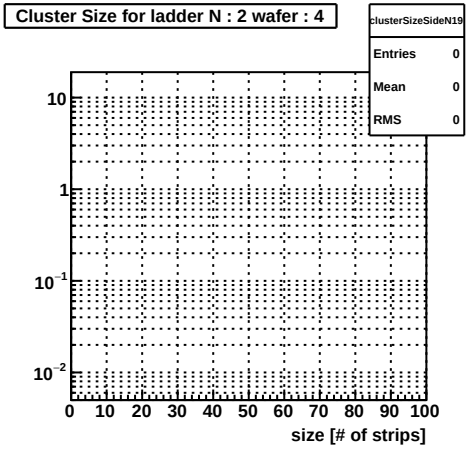

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

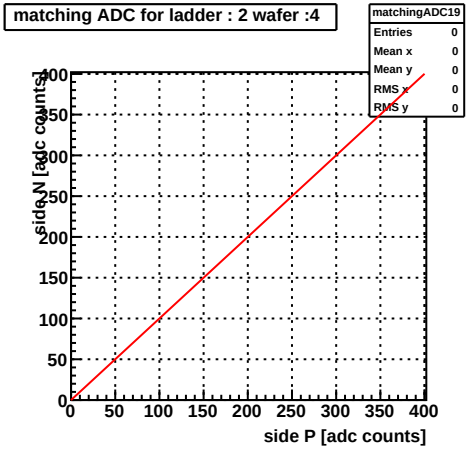

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

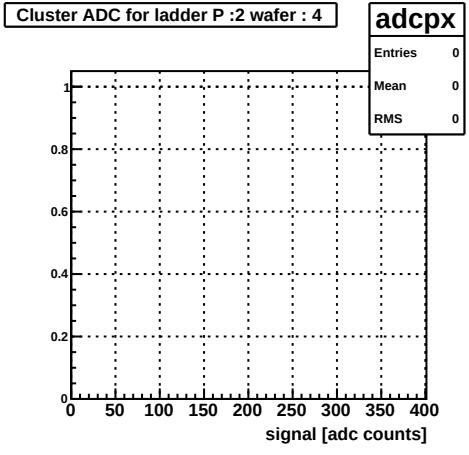

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

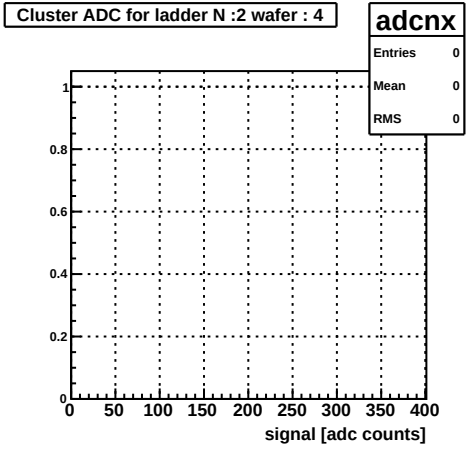

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

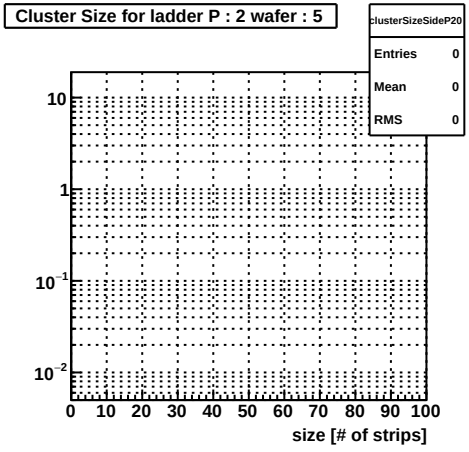

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

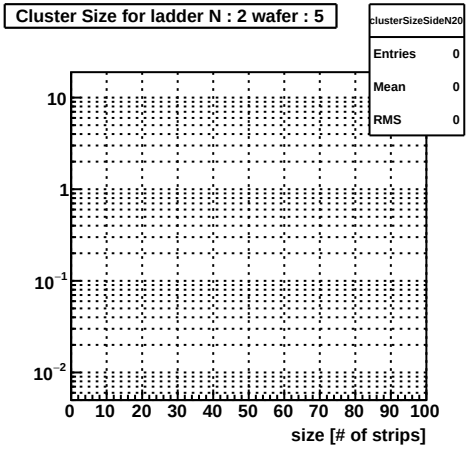

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

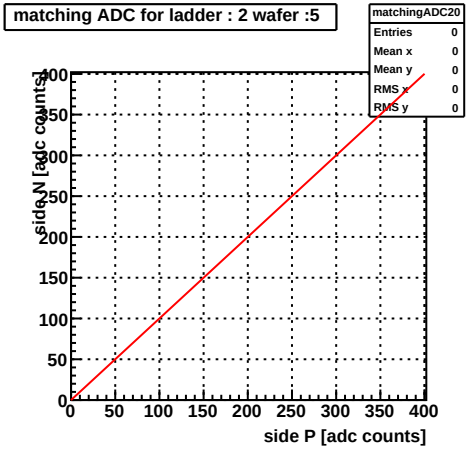

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

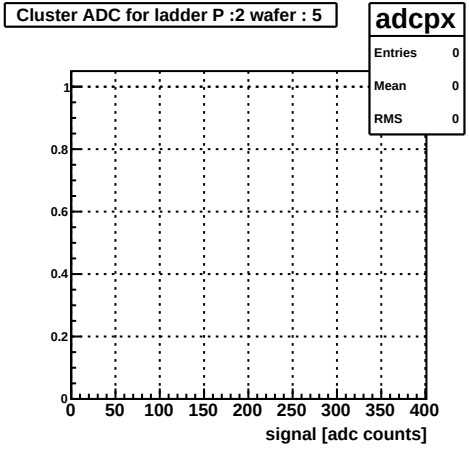

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

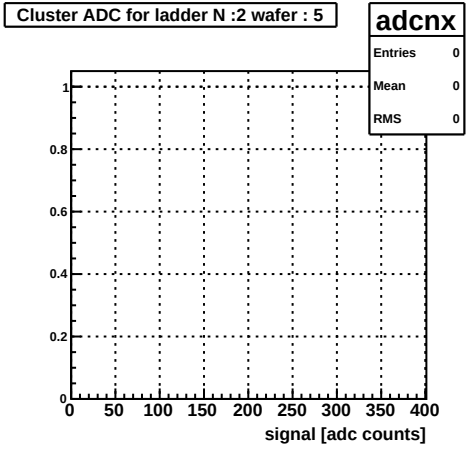

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

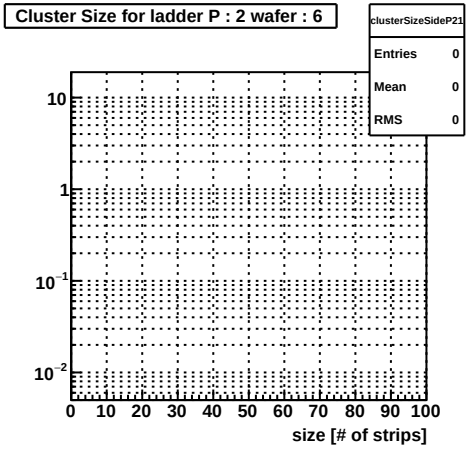

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

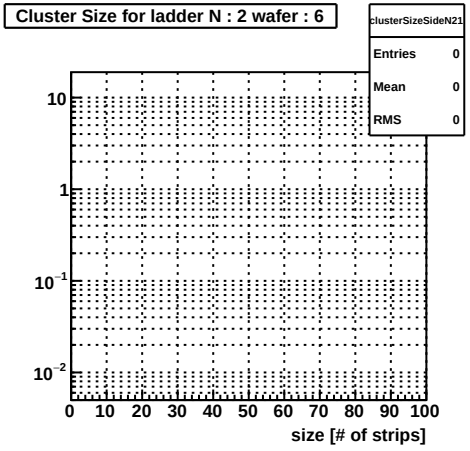

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

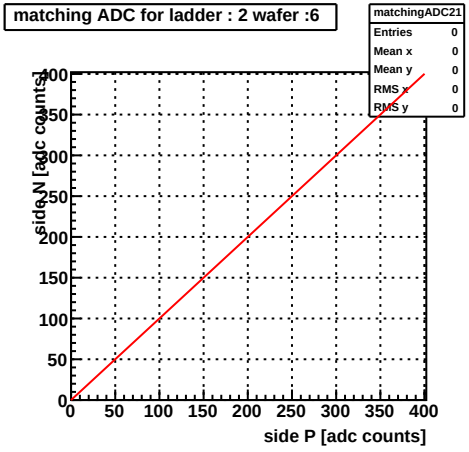

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

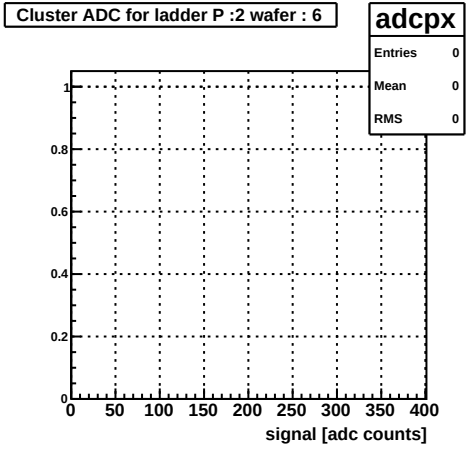

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

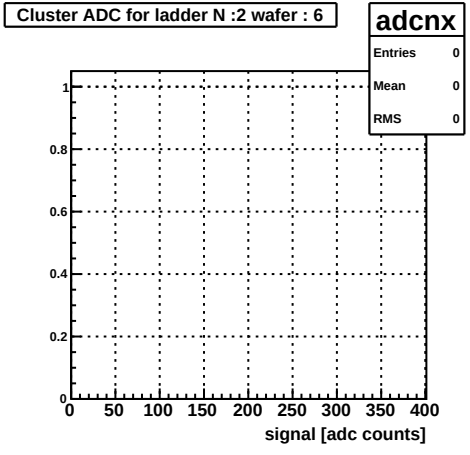

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

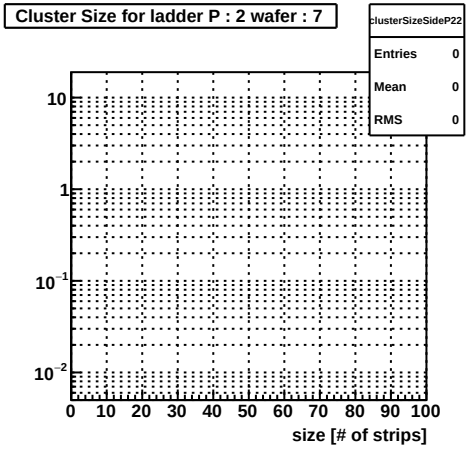

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

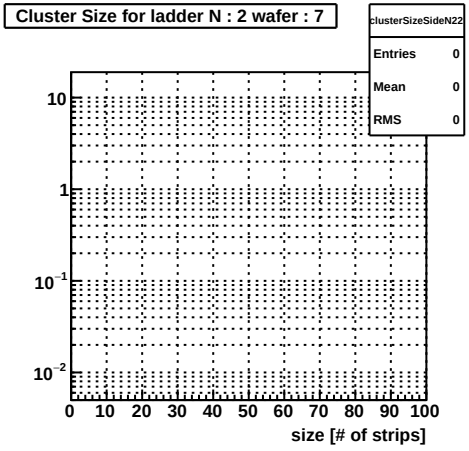

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

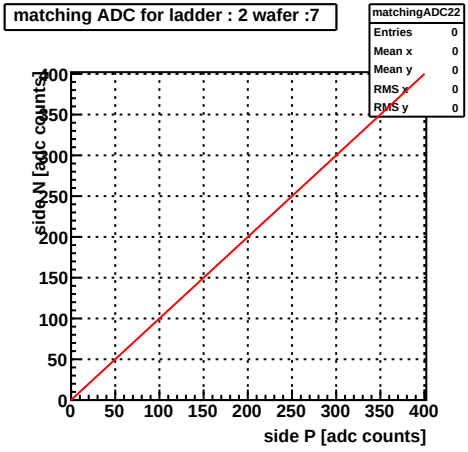

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

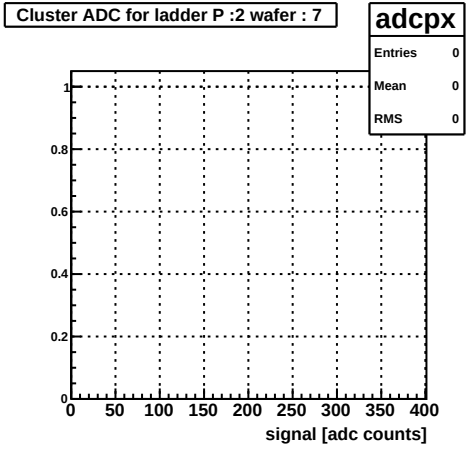

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

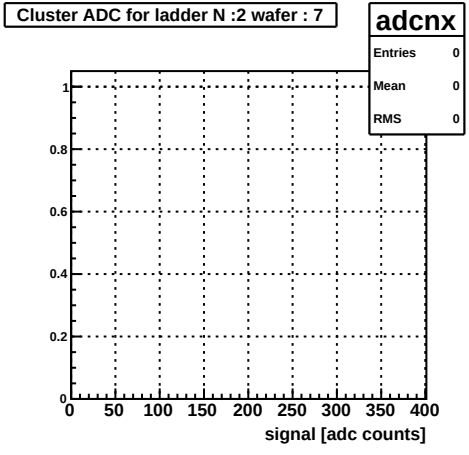

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

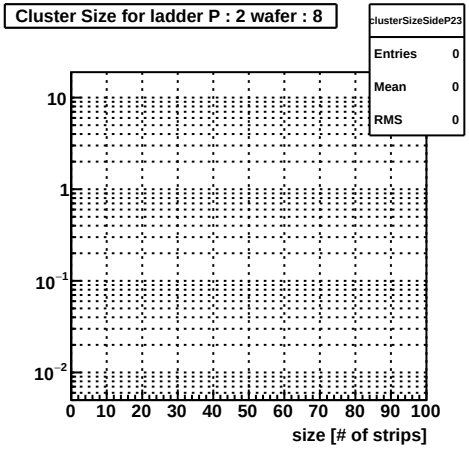

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

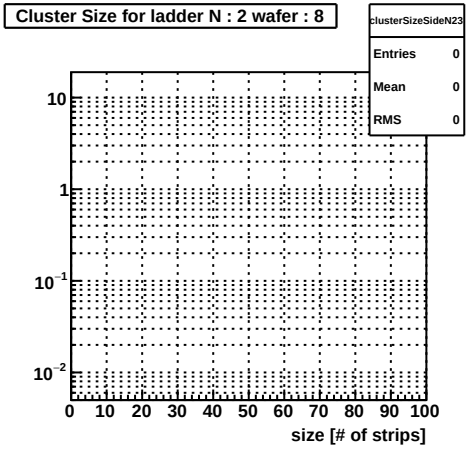

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

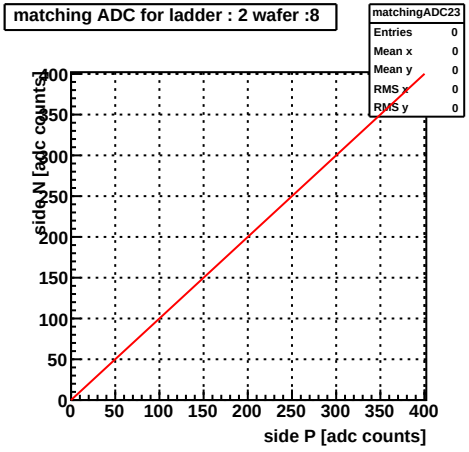

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

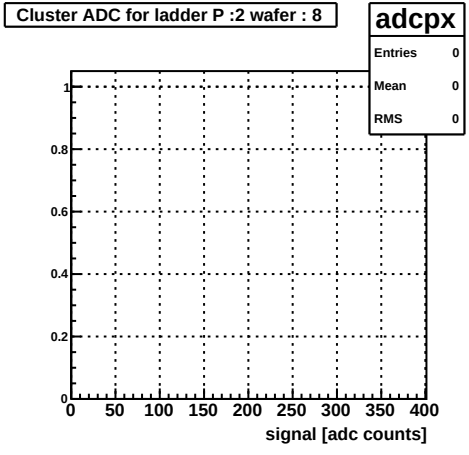

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

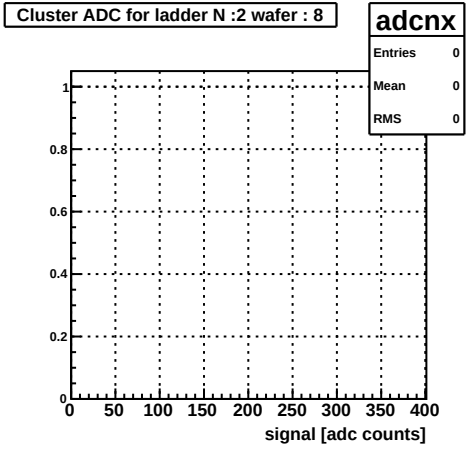

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

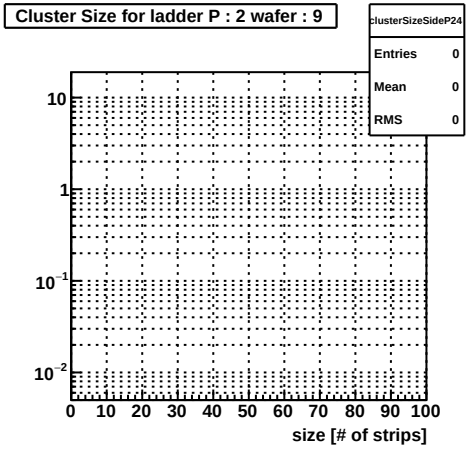

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

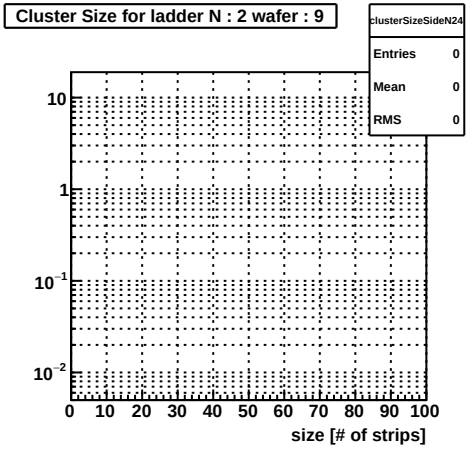

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

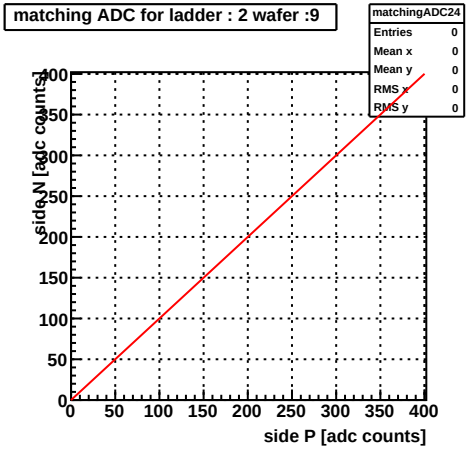

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

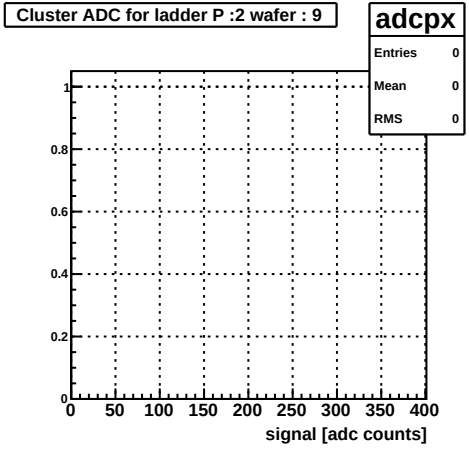

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

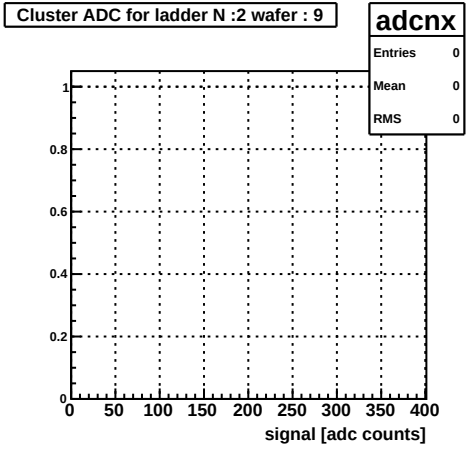

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

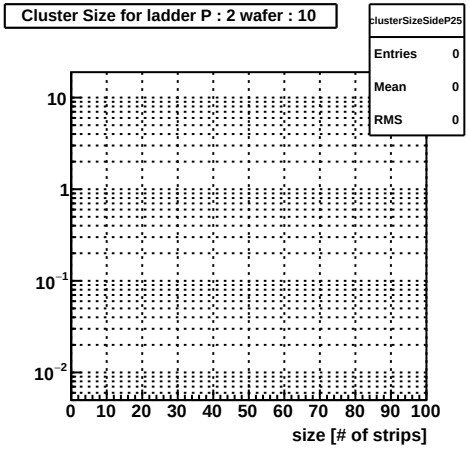

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

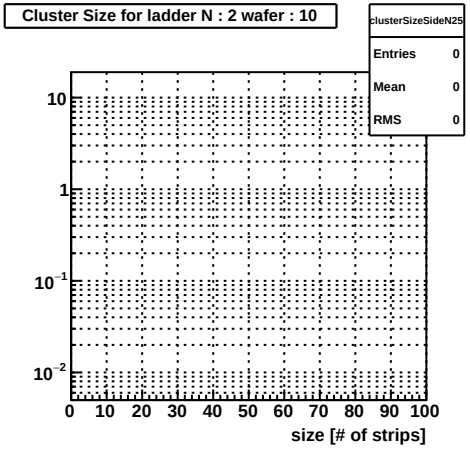

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

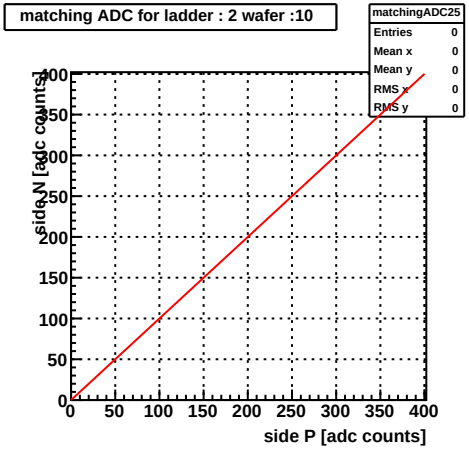

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

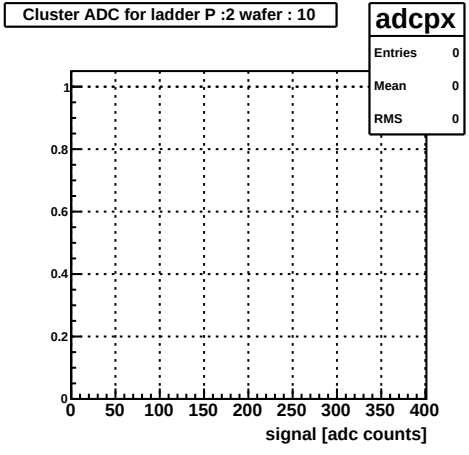

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

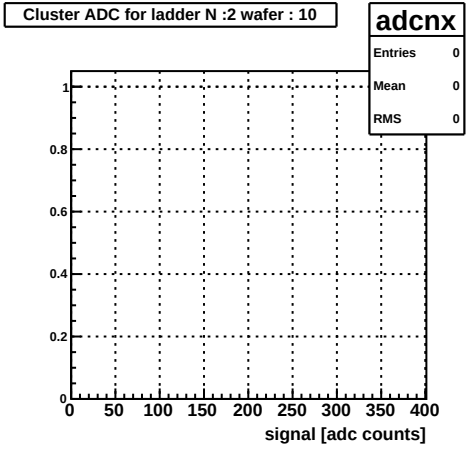

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

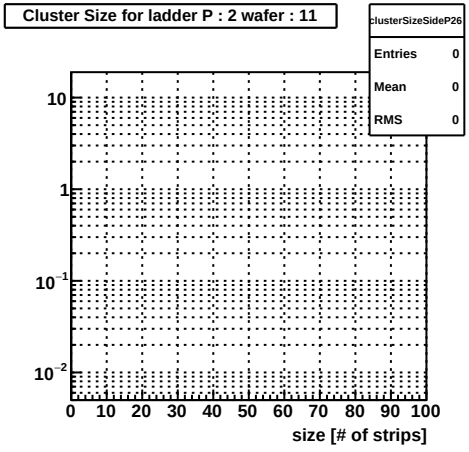

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

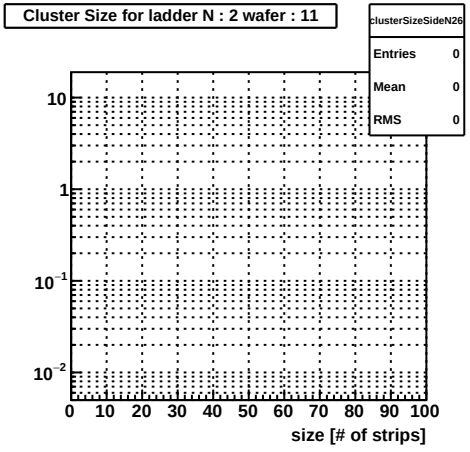

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

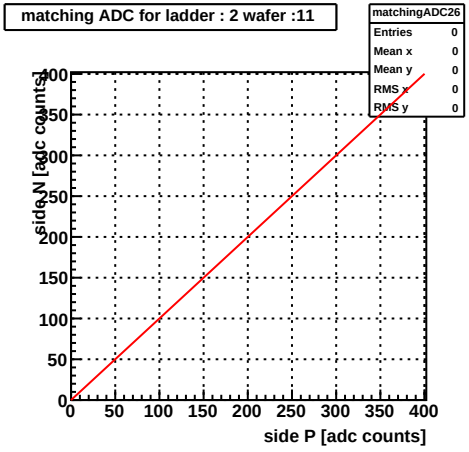

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

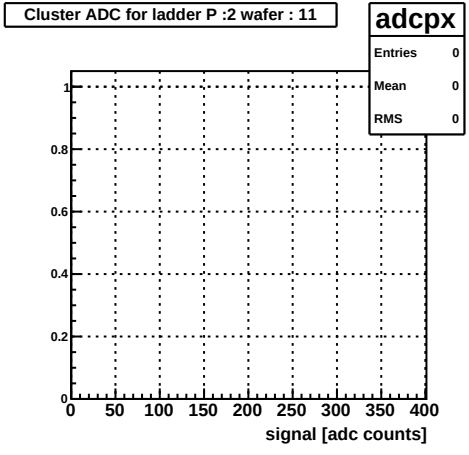

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

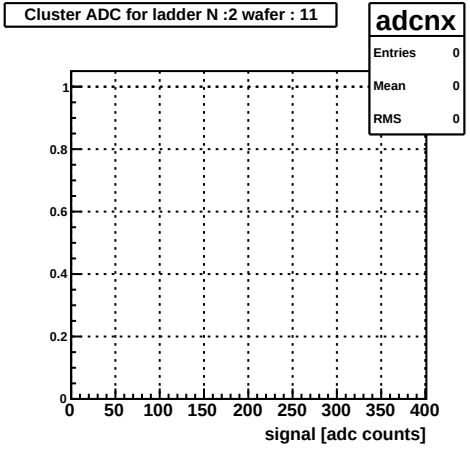

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

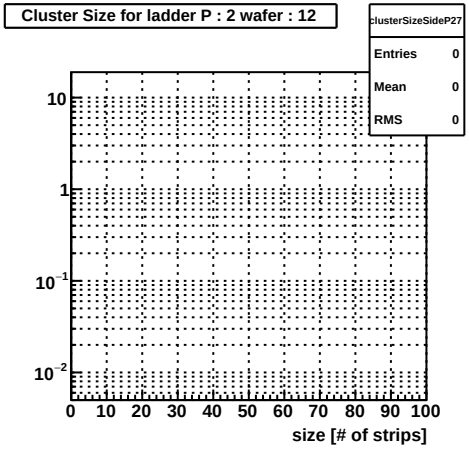

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

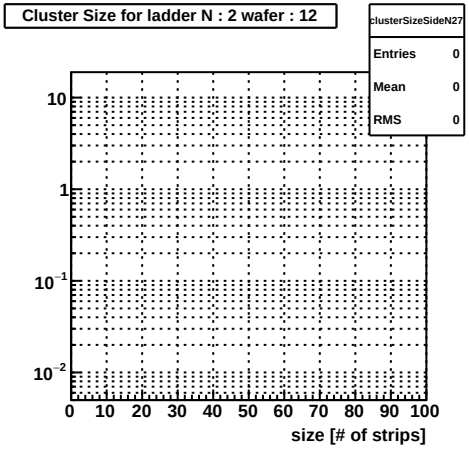

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

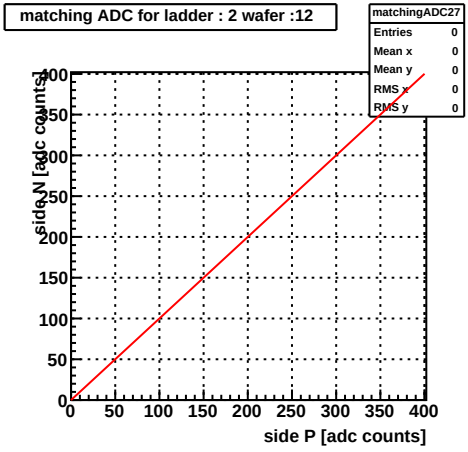

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

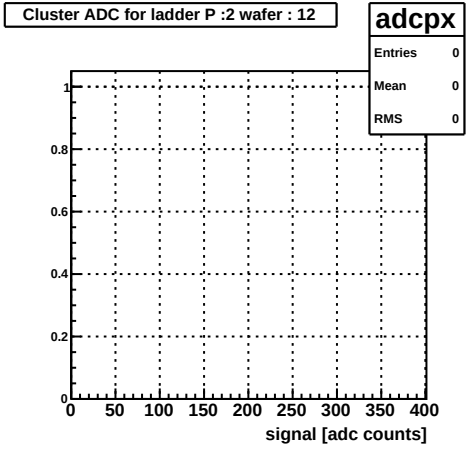

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

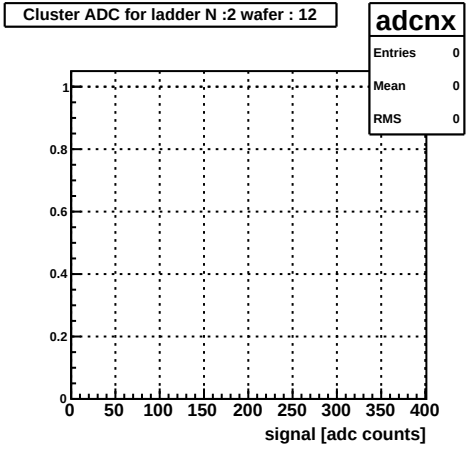

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

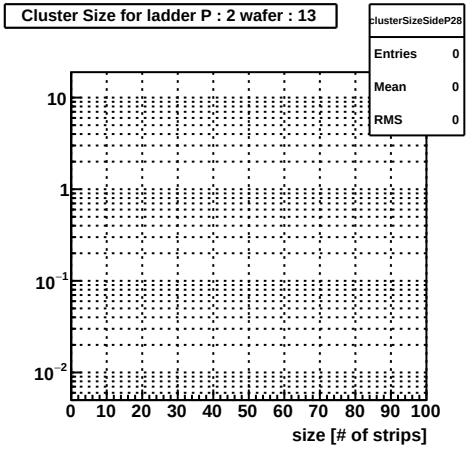

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

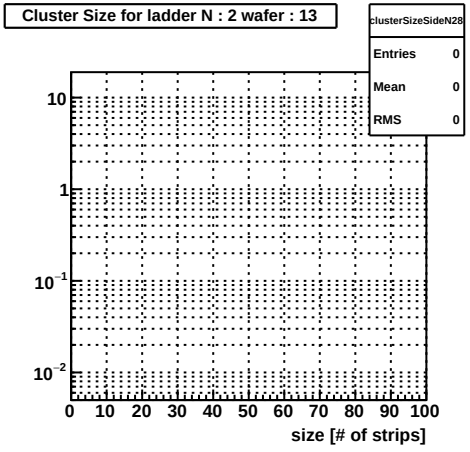

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

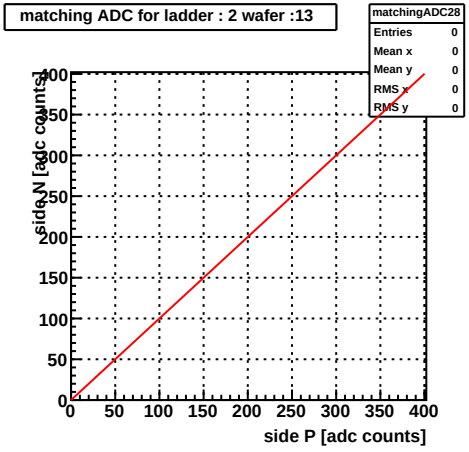

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

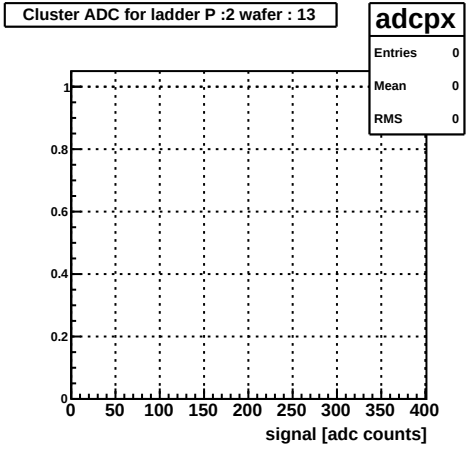

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

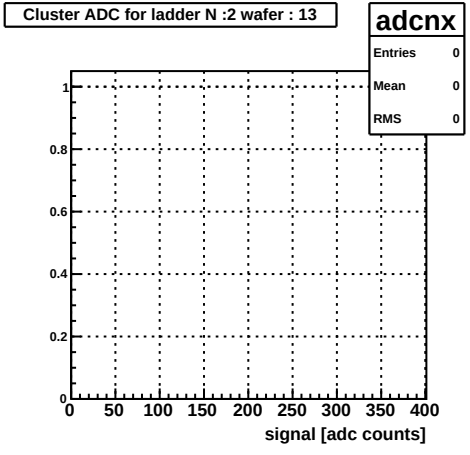

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

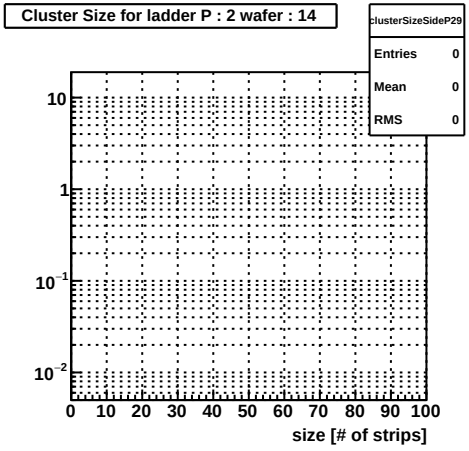

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

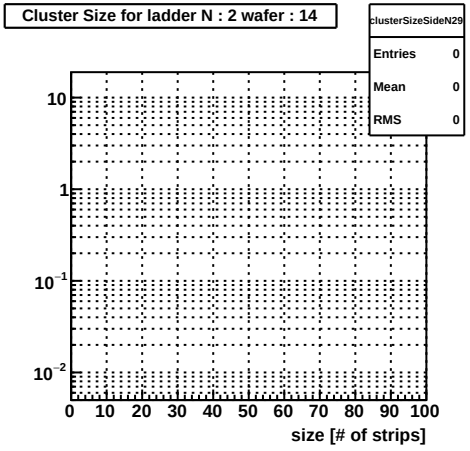

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

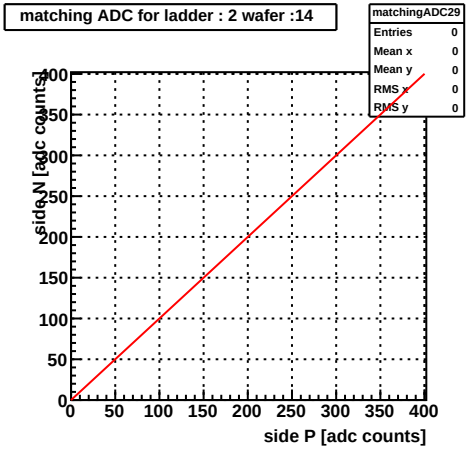

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

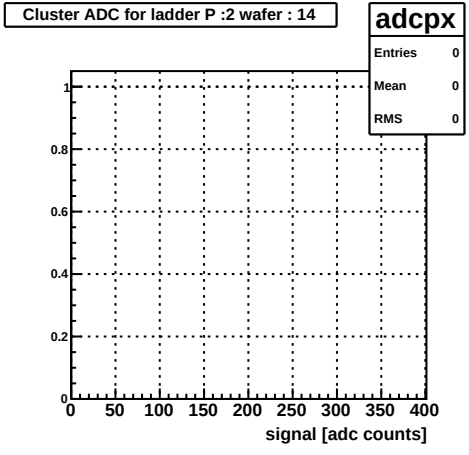

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

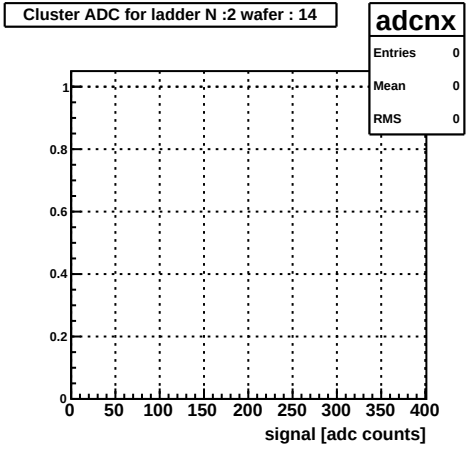

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

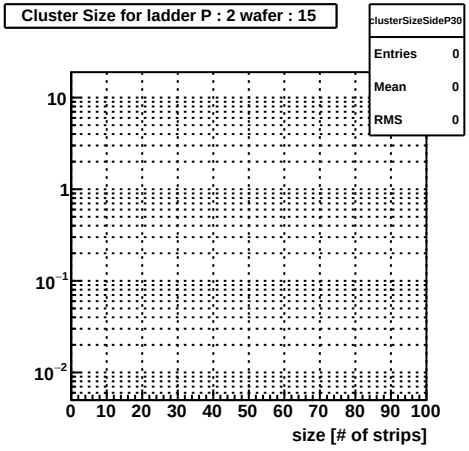

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

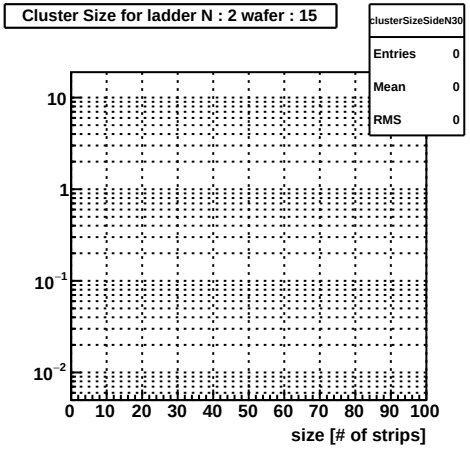

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

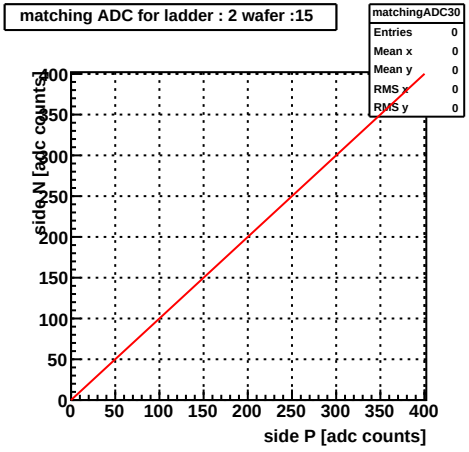

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

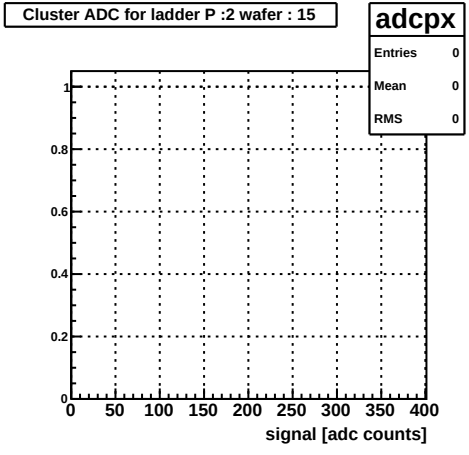

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

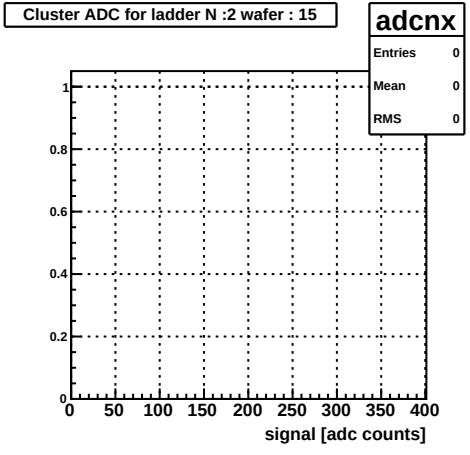

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

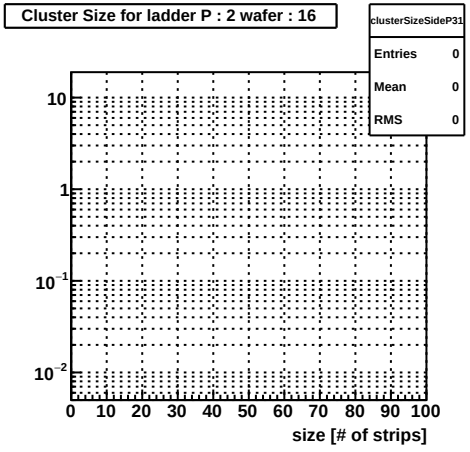

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

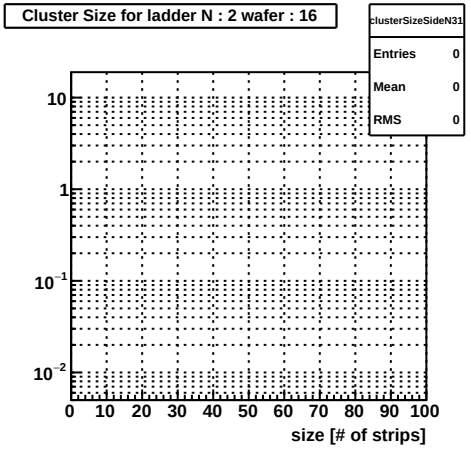

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

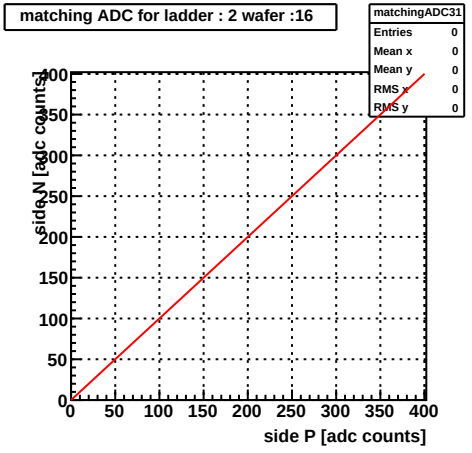

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

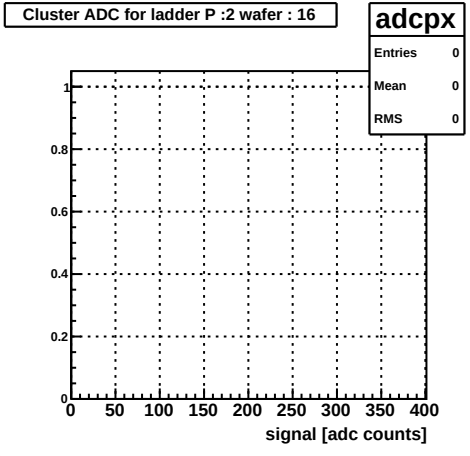

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

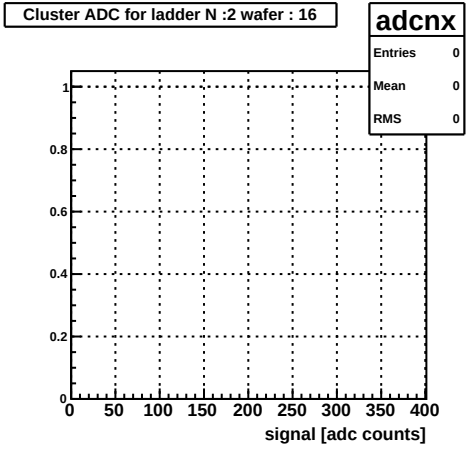

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

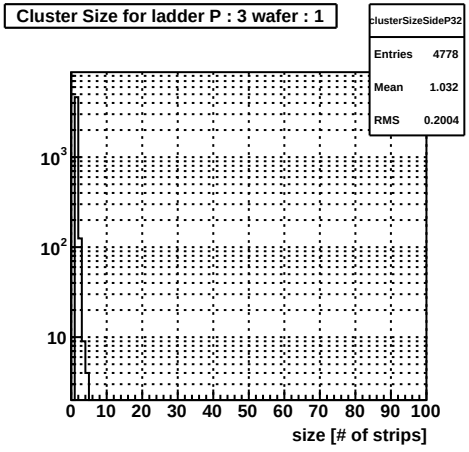

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

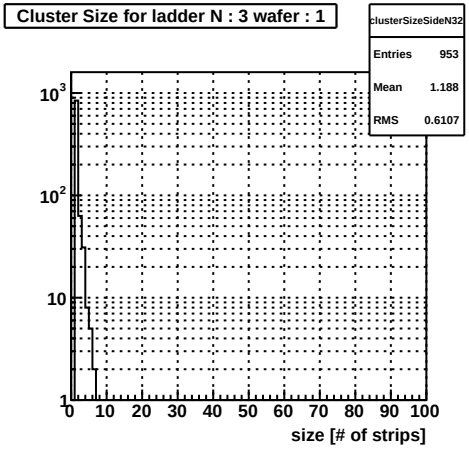

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

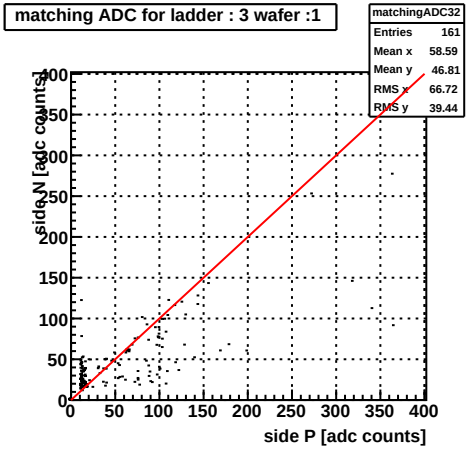

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

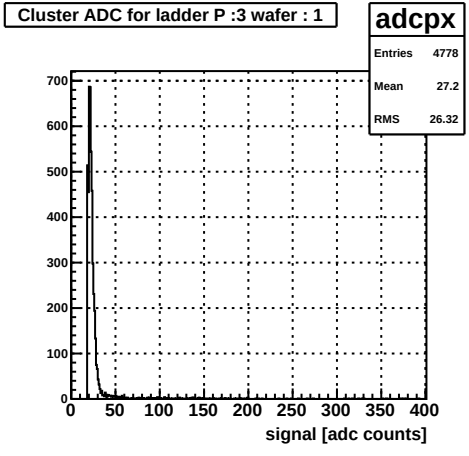

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

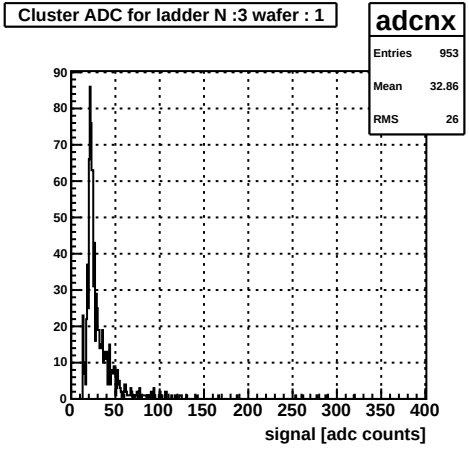

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

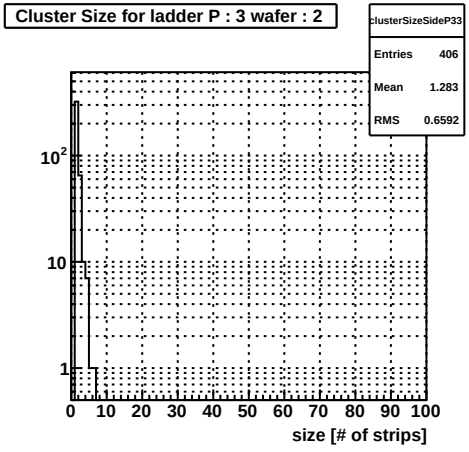

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 4778
Mean 1.032
RMS 0.2004
size [# of strips]

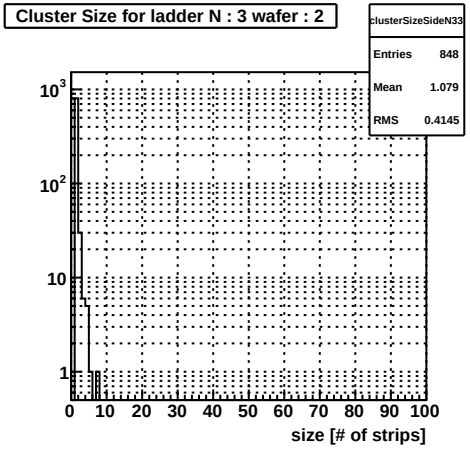

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 953
Mean 1.188
RMS 0.6107
size [# of strips]

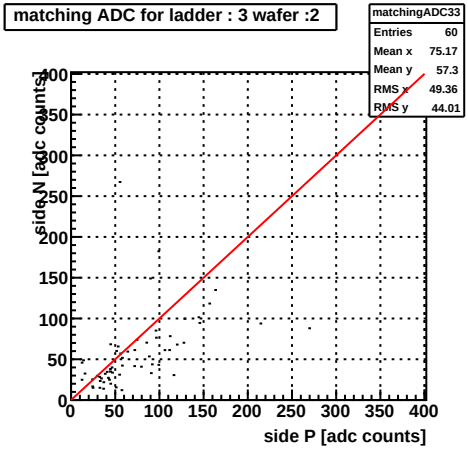

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 161
Mean x 58.59
Mean y 46.81
RMS x 66.72
RMS y 39.44
side N [adc counts]
side P [adc counts]

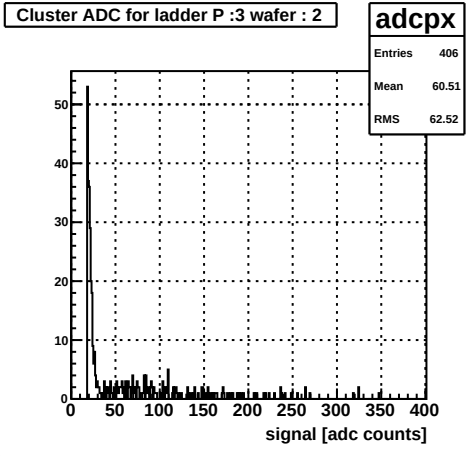

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 4778
Mean 27.2
RMS 26.32
signal [adc counts]

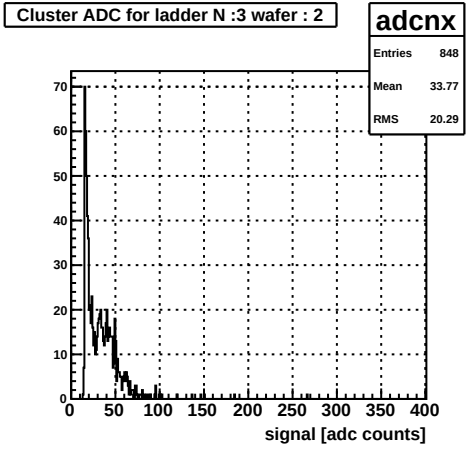

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 953
Mean 32.86
RMS 26
signal [adc counts]

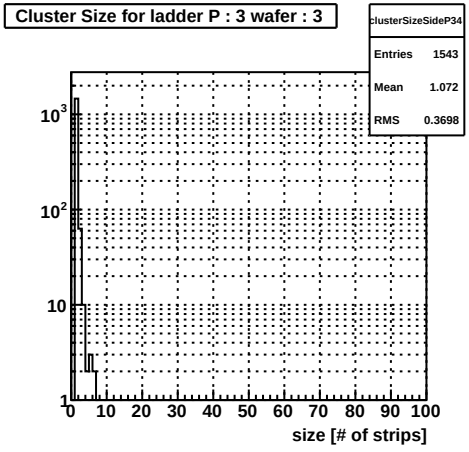

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 406
Mean 1.283
RMS 0.6592
size [# of strips]

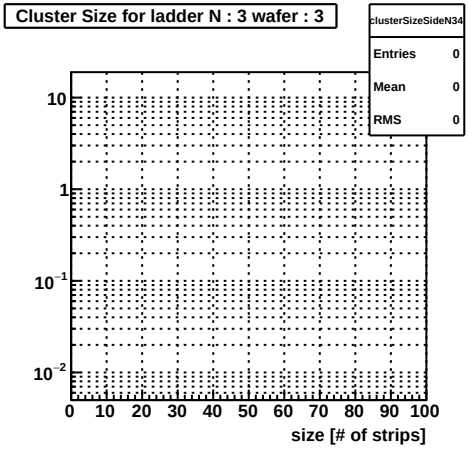

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 848
Mean 1.079
RMS 0.4145
size [# of strips]

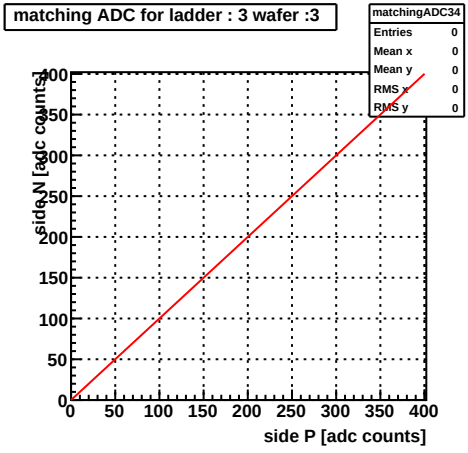

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 60
Mean x 75.17
Mean y 57.3
RMS x 49.36
RMS y 44.01
side N [adc counts]
side P [adc counts]

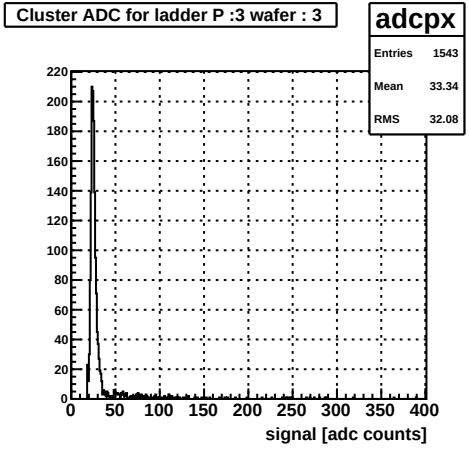

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 406
Mean 60.51
RMS 62.52
signal [adc counts]

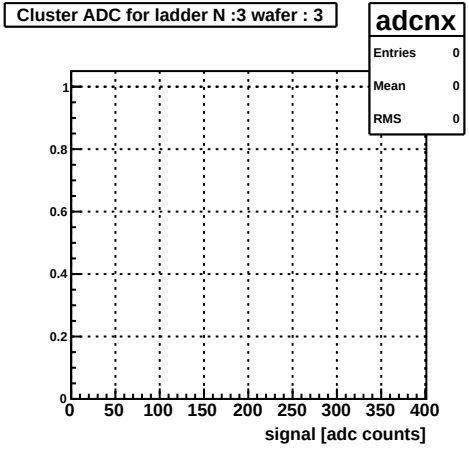

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 848
Mean 33.77
RMS 20.29
signal [adc counts]

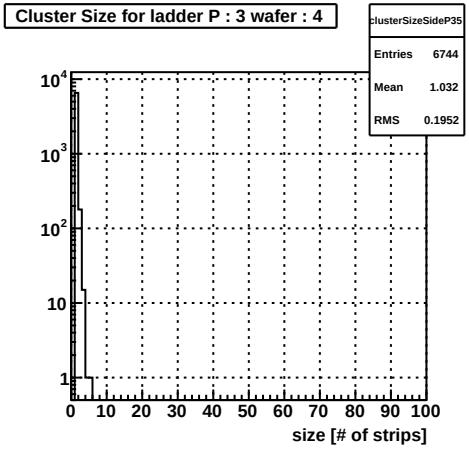

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 1543
Mean 1.072
RMS 0.3698
size [# of strips]

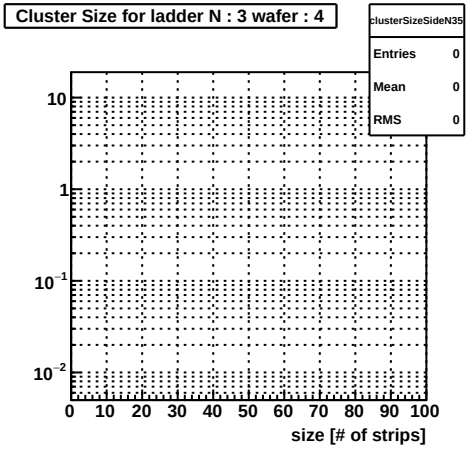

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

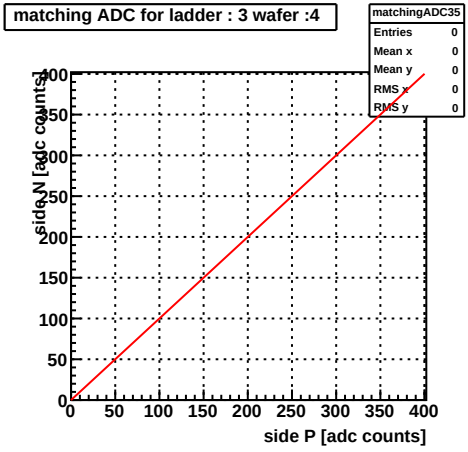

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

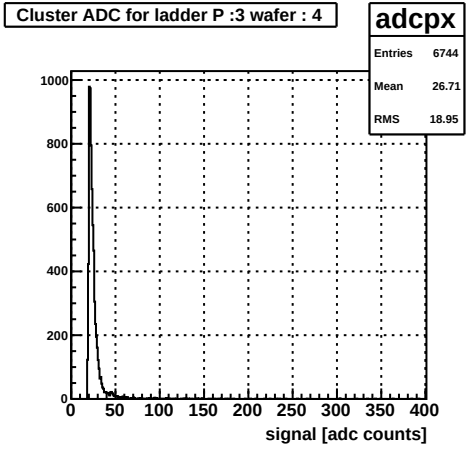

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 1543
Mean 33.34
RMS 32.08
signal [adc counts]

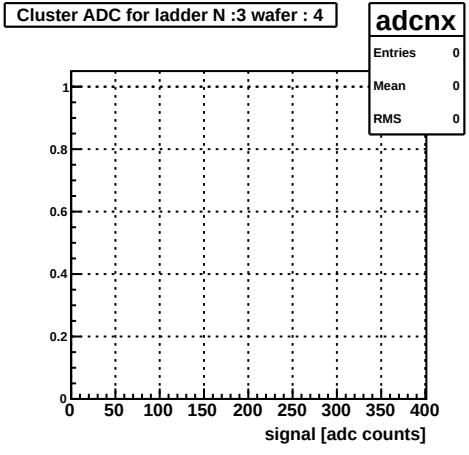

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

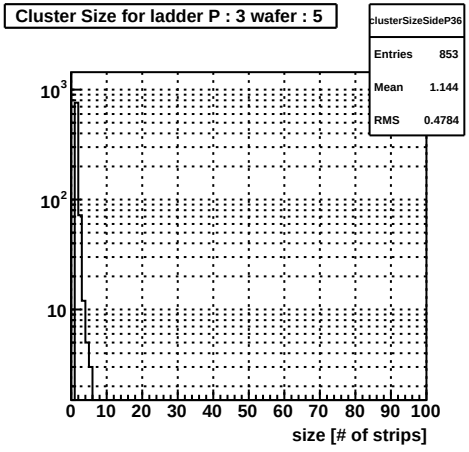

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 6744
Mean 1.032
RMS 0.1952
size [# of strips]

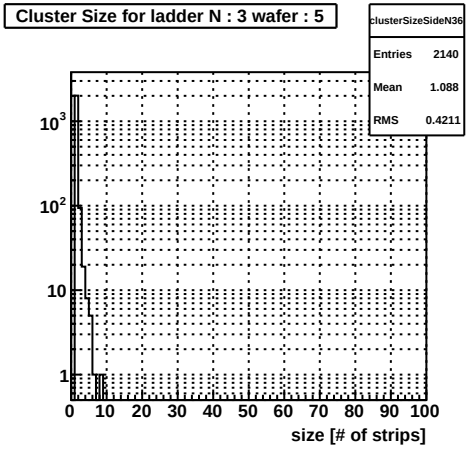

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

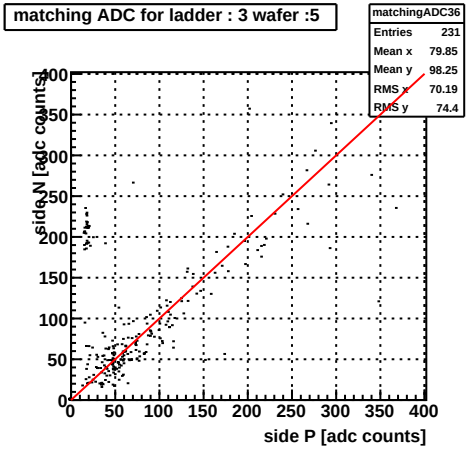

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

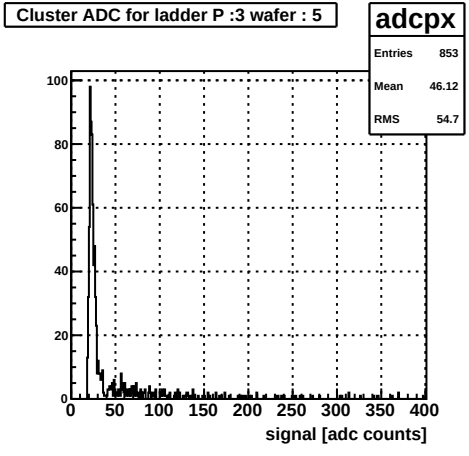

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 6744
Mean 26.71
RMS 18.95
signal [adc counts]

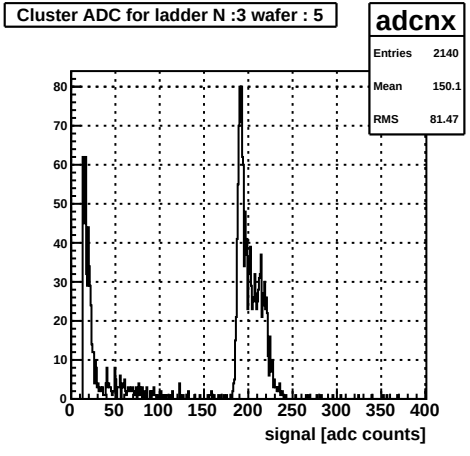

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

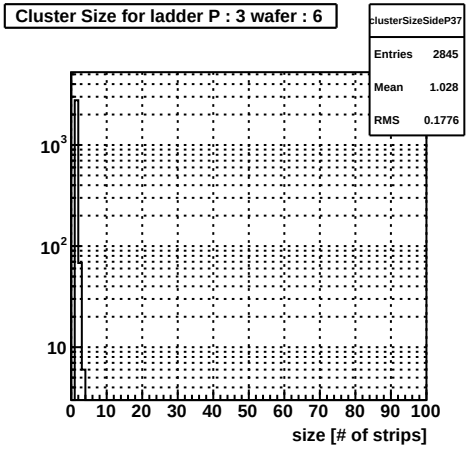

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 853
Mean 1.144
RMS 0.4784
size [# of strips]

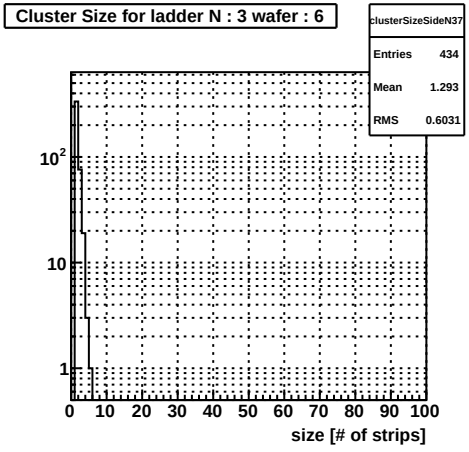

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 2140
Mean 1.088
RMS 0.4211
size [# of strips]

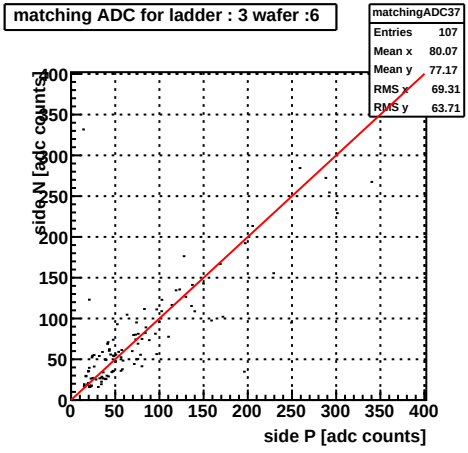

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 231
Mean x 79.85
Mean y 98.25
RMS x 70.19
RMS y 74.4
side N [adc counts]
side P [adc counts]

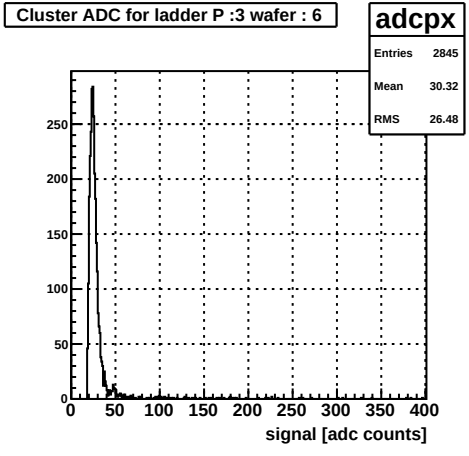

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 853
Mean 46.12
RMS 54.7
signal [adc counts]

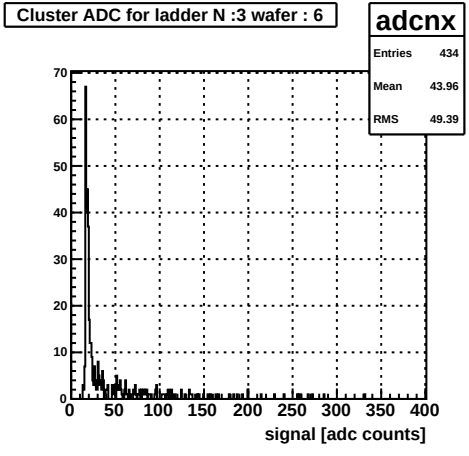

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 2140
Mean 150.1
RMS 81.47
signal [adc counts]

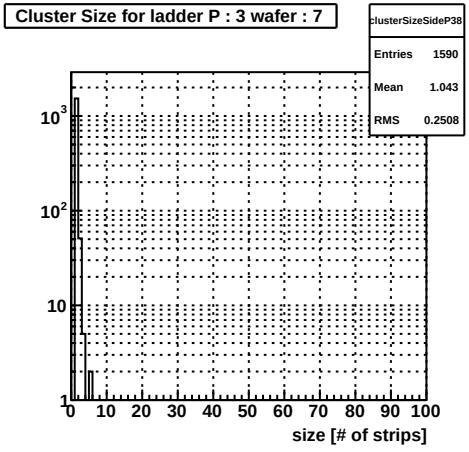

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 2845
Mean 1.028
RMS 0.1776
size [# of strips]

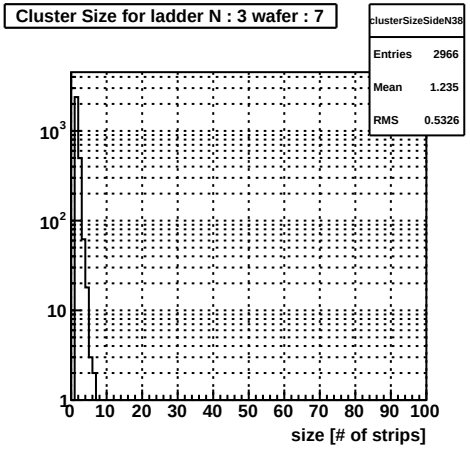

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 434
Mean 1.293
RMS 0.6031
size [# of strips]

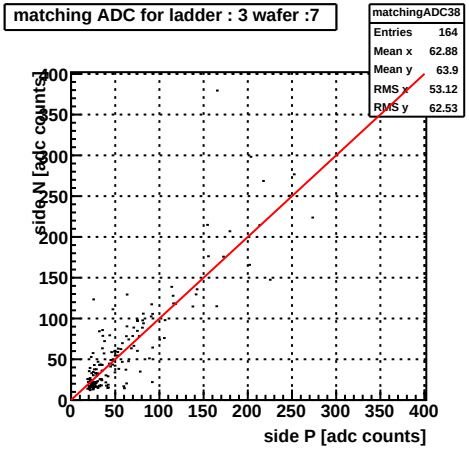

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 107
Mean x 80.07
Mean y 77.17
RMS x 69.31
RMS y 63.71
side N [adc counts]
side P [adc counts]

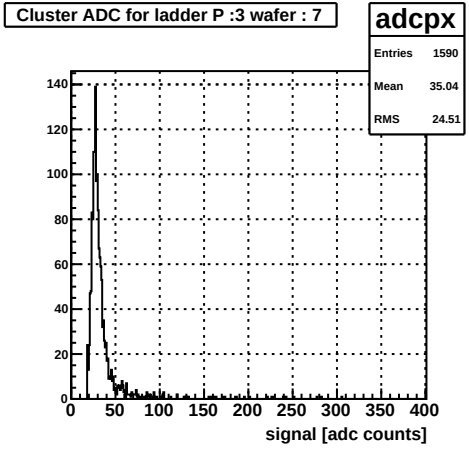

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 2845
Mean 30.32
RMS 26.48
signal [adc counts]

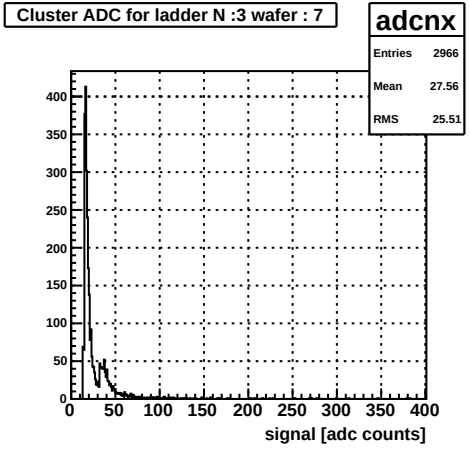

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 434
Mean 43.96
RMS 49.39
signal [adc counts]

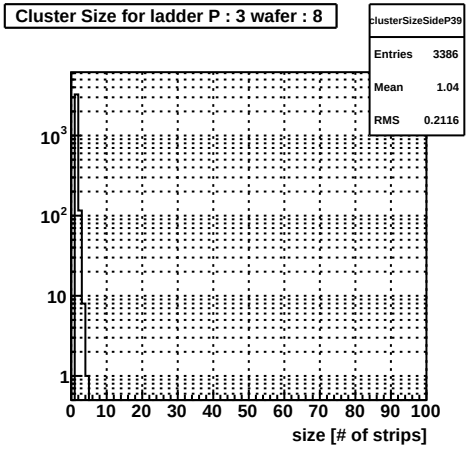

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1590
Mean 1.043
RMS 0.2508
size [# of strips]

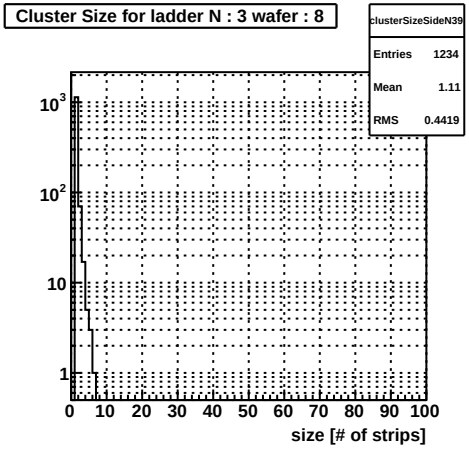

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 2966
Mean 1.235
RMS 0.5326
size [# of strips]

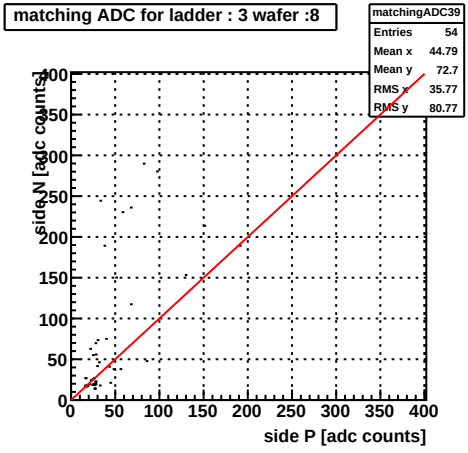

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 164
Mean x 62.88
Mean y 63.9
RMS x 53.12
RMS y 62.53
side N [adc counts]
side P [adc counts]

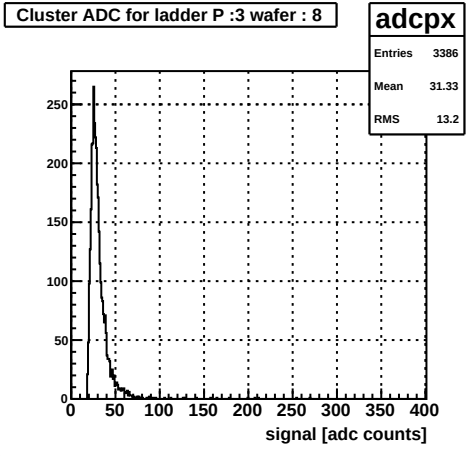

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1590
Mean 35.04
RMS 24.51
signal [adc counts]

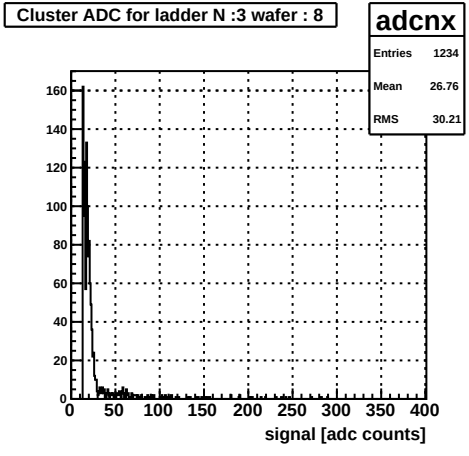

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 2966
Mean 27.56
RMS 25.51
signal [adc counts]

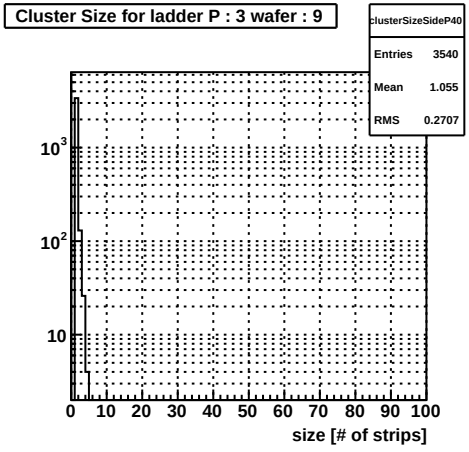

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 3386
Mean 1.04
RMS 0.2116
size [# of strips]

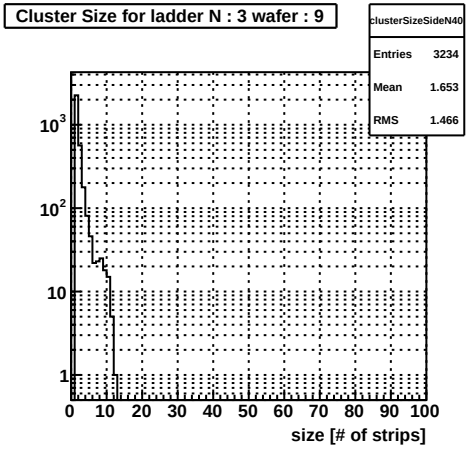

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1234
Mean 1.11
RMS 0.4419
size [# of strips]

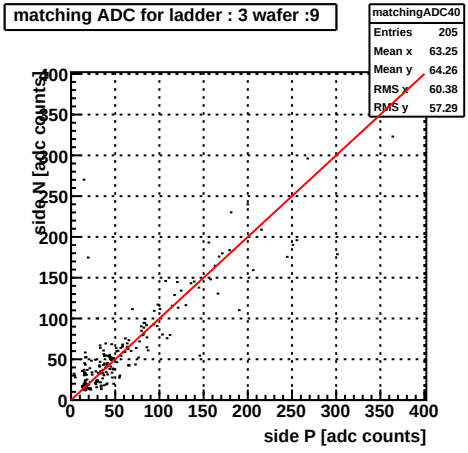

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 54
Mean x 44.79
Mean y 72.7
RMS x 35.77
RMS y 80.77
side N [adc counts]
side P [adc counts]

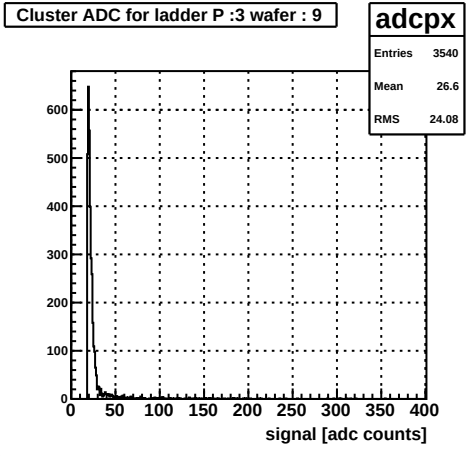

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 3386
Mean 31.33
RMS 13.2
signal [adc counts]

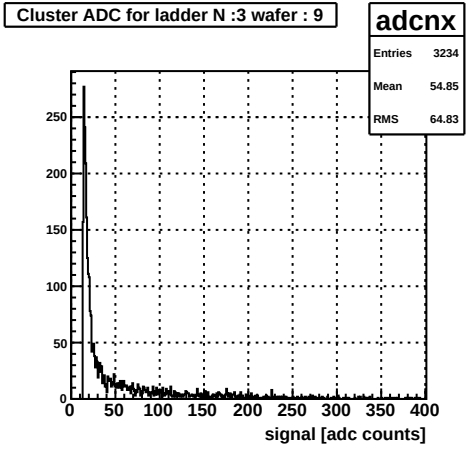

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1234
Mean 26.76
RMS 30.21
signal [adc counts]

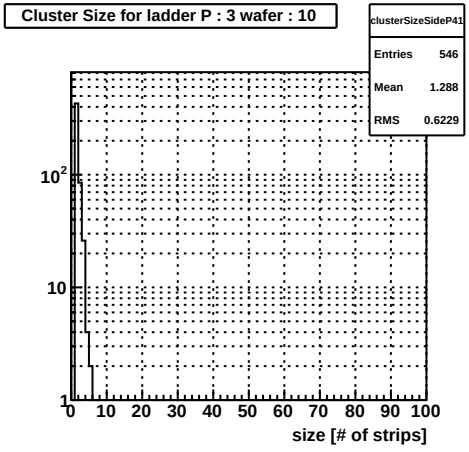

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 3540
Mean 1.055
RMS 0.2707
size [# of strips]

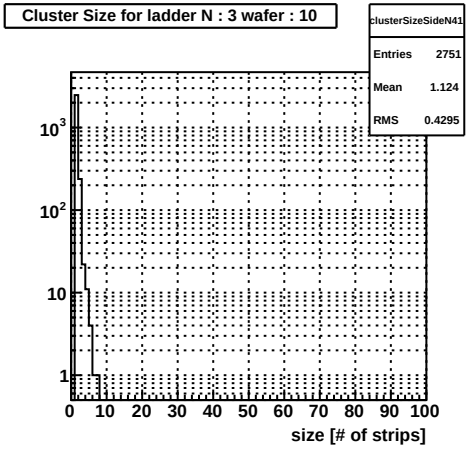

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 3234
Mean 1.653
RMS 1.466
size [# of strips]

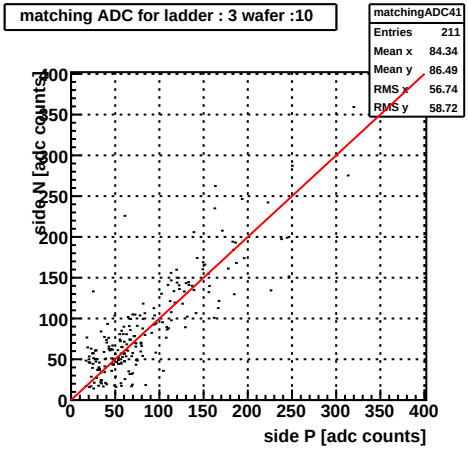

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 205
Mean x 63.25
Mean y 64.26
RMS x 60.38
RMS y 57.29
side N [adc counts]
side P [adc counts]

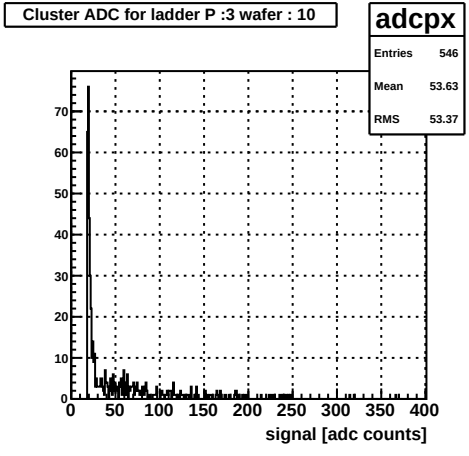

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 3540
Mean 26.6
RMS 24.08
signal [adc counts]

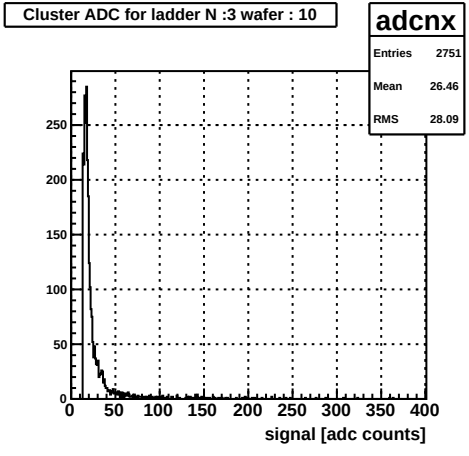

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 3234
Mean 54.85
RMS 64.83
signal [adc counts]

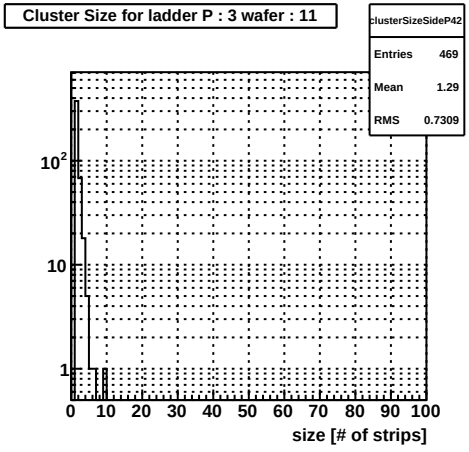

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 546
Mean 1.288
RMS 0.6229
size [# of strips]

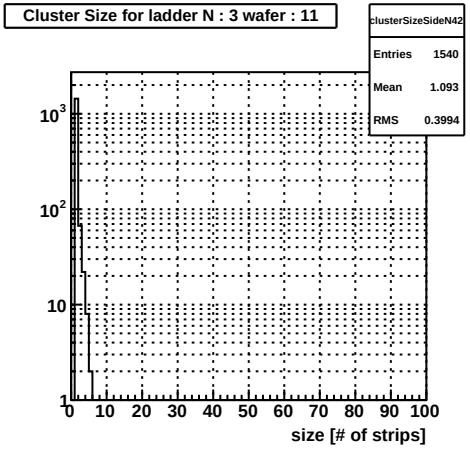

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 2751
Mean 1.124
RMS 0.4295
size [# of strips]

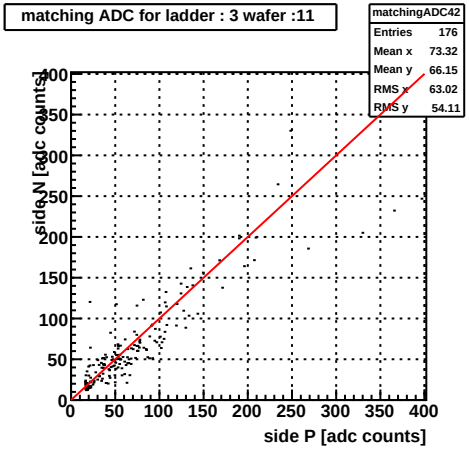

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 211
Mean x 84.34
Mean y 86.49
RMS x 56.74
RMS y 58.72
side N [adc counts]
side P [adc counts]

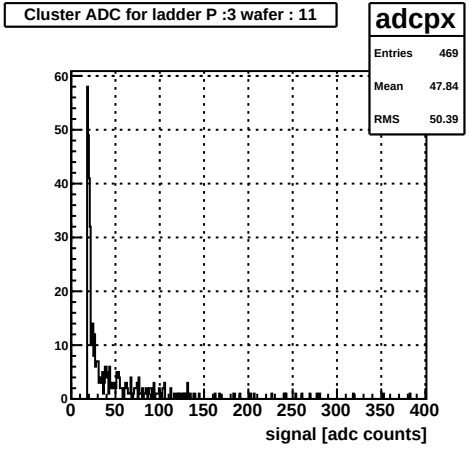

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 546
Mean 53.63
RMS 53.37
signal [adc counts]

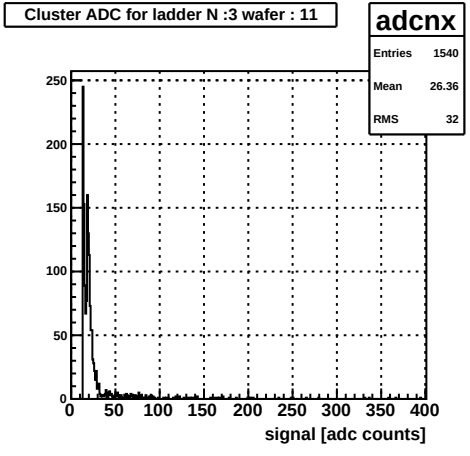

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 2751
Mean 26.46
RMS 28.09
signal [adc counts]

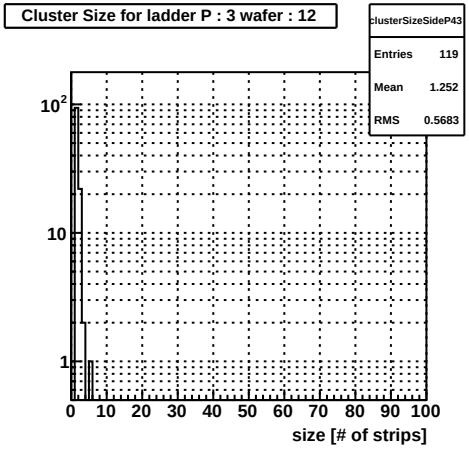

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 469
Mean 1.29
RMS 0.7309
size [# of strips]

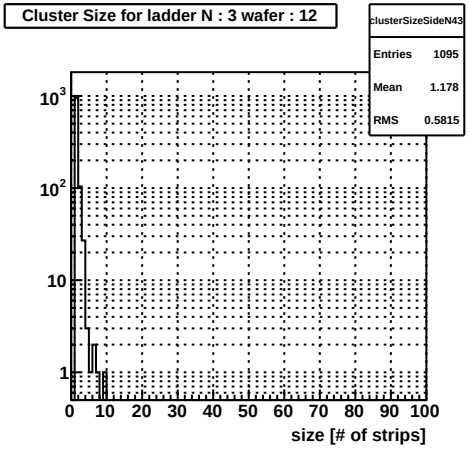

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 1540
Mean 1.093
RMS 0.3994
size [# of strips]

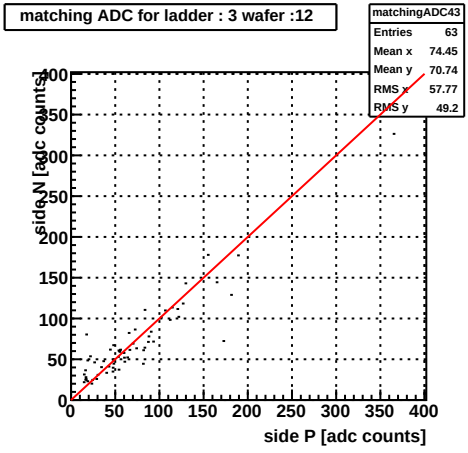

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 176
Mean x 73.32
Mean y 66.15
RMS x 63.02
RMS y 54.11
side N [adc counts]
side P [adc counts]

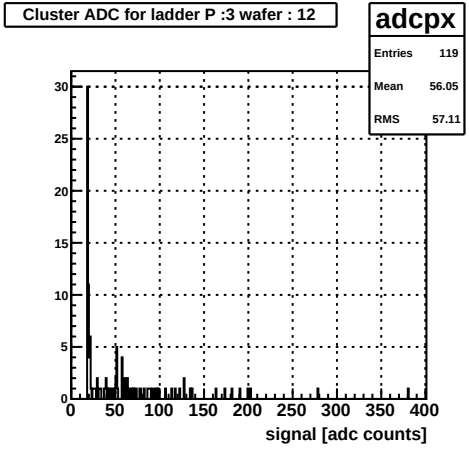

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 469
Mean 47.84
RMS 50.39
signal [adc counts]

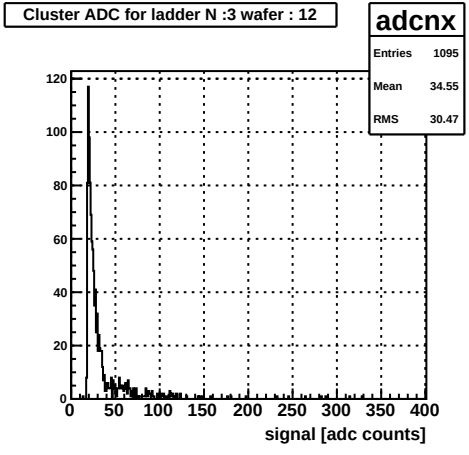

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 1540
Mean 26.36
RMS 32
signal [adc counts]

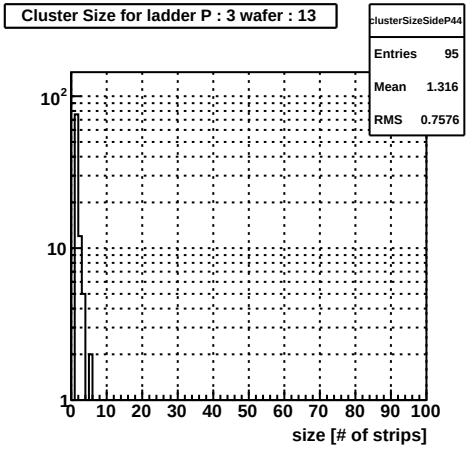

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 119
Mean 1.252
RMS 0.5683
size [# of strips]

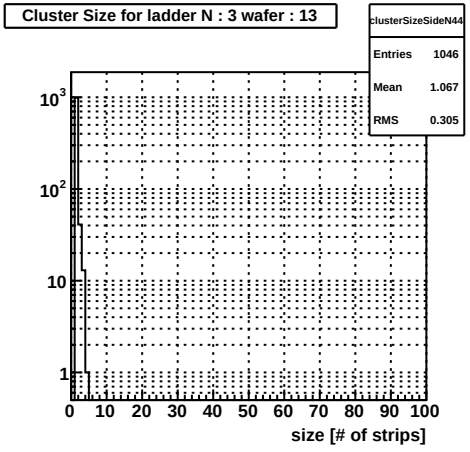

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1095
Mean 1.178
RMS 0.5815
size [# of strips]

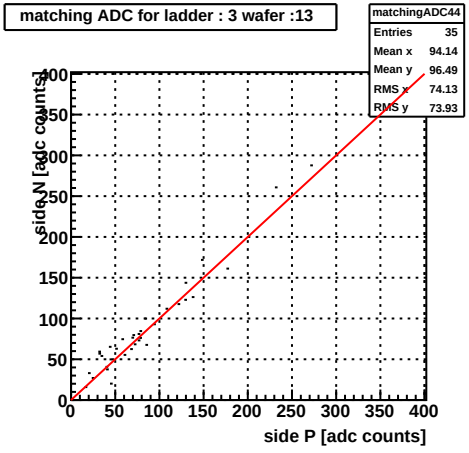

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 63
Mean x 74.45
Mean y 70.74
RMS x 57.77
RMS y 49.2
side N [adc counts]
side P [adc counts]

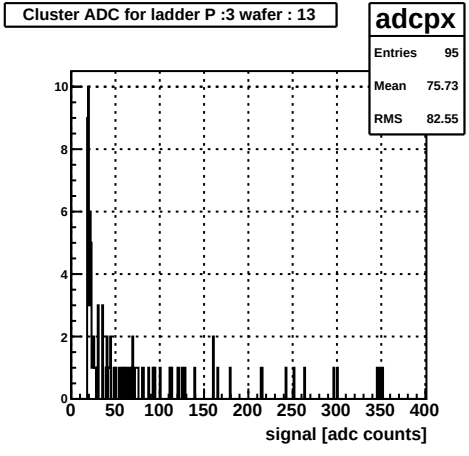

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 119
Mean 56.05
RMS 57.11
signal [adc counts]

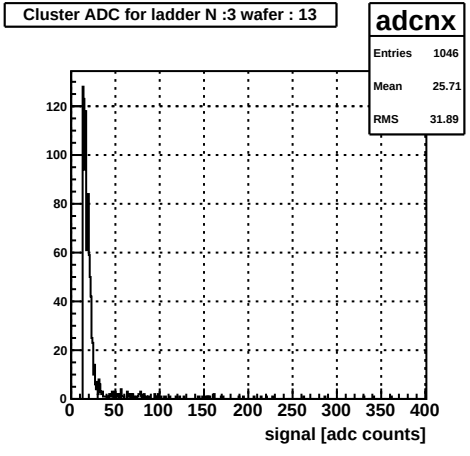

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1095
Mean 34.55
RMS 30.47
signal [adc counts]

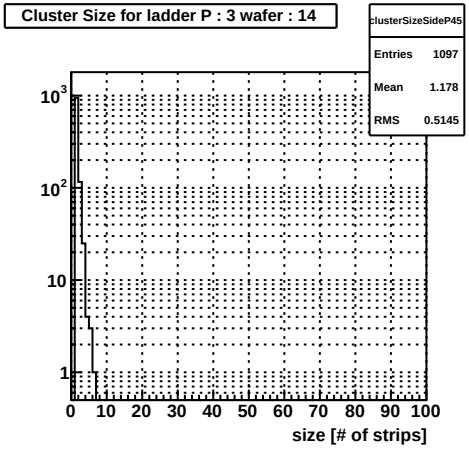

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 95
Mean 1.316
RMS 0.7576
size [# of strips]

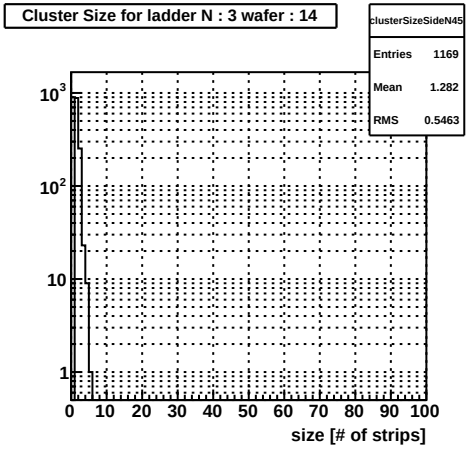

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1046
Mean 1.067
RMS 0.305
size [# of strips]

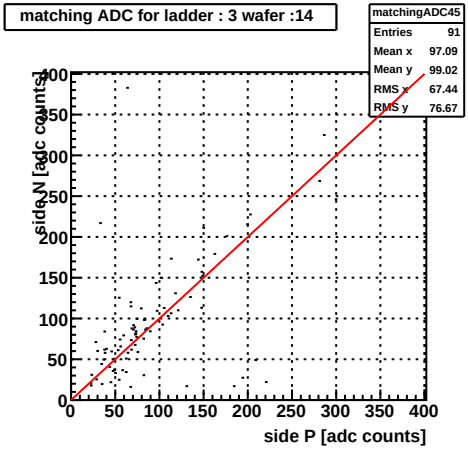

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 35
Mean x 94.14
Mean y 96.49
RMS x 74.13
RMS y 73.93
side N [adc counts]
side P [adc counts]

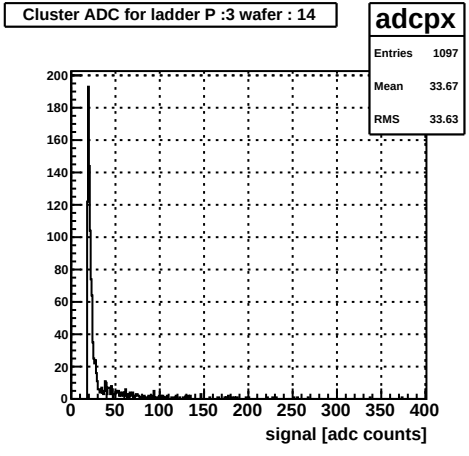

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 95
Mean 75.73
RMS 82.55
signal [adc counts]

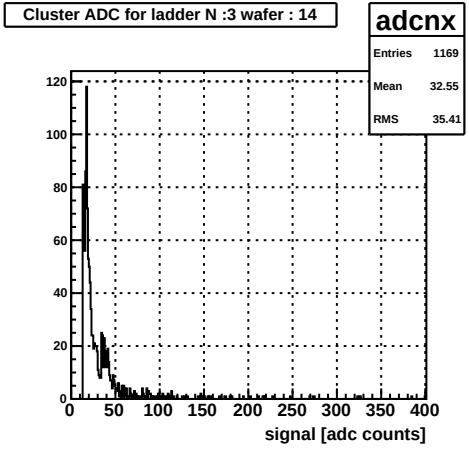

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1046
Mean 25.71
RMS 31.89
signal [adc counts]

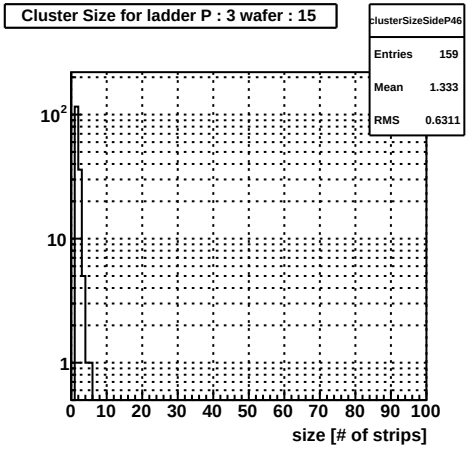

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 1097
Mean 1.178
RMS 0.5145
size [# of strips]

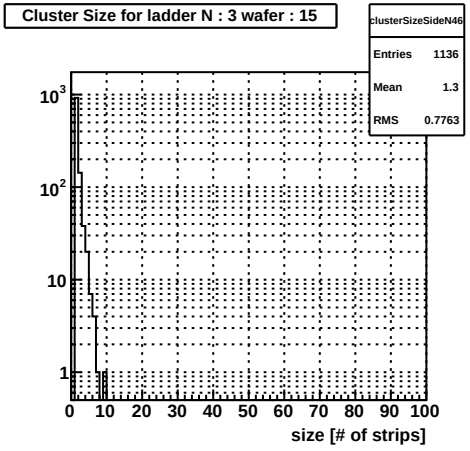

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1169
Mean 1.282
RMS 0.5463
size [# of strips]

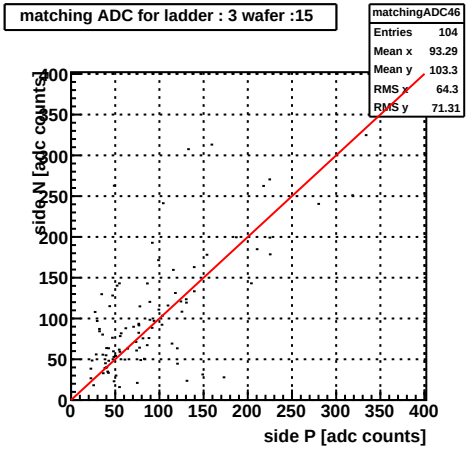

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 91
Mean x 97.09
Mean y 99.02
RMS x 67.44
RMS y 76.67
side N [adc counts]
side P [adc counts]

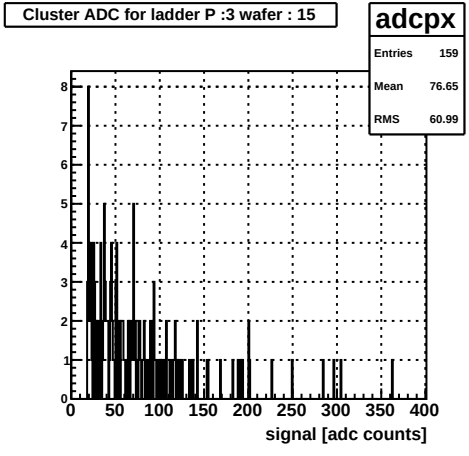

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 1097
Mean 33.67
RMS 33.63
signal [adc counts]

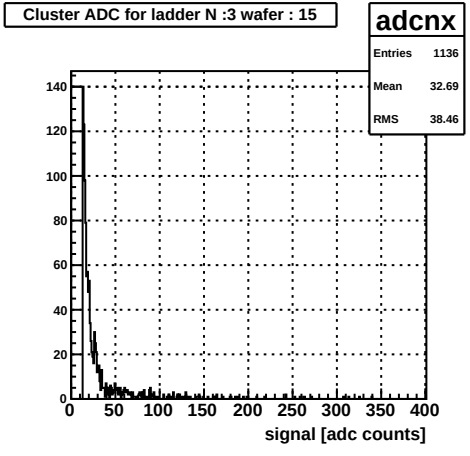

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1169
Mean 32.55
RMS 35.41
signal [adc counts]

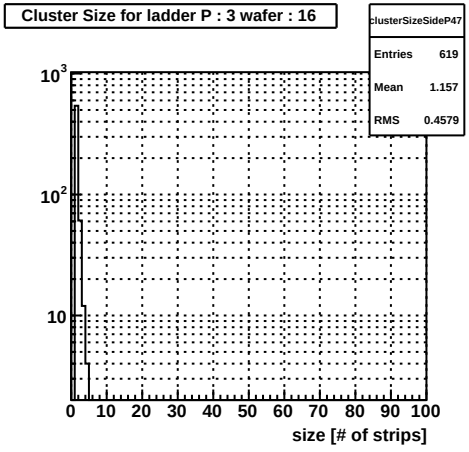

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 159
Mean 1.333
RMS 0.6311
size [# of strips]

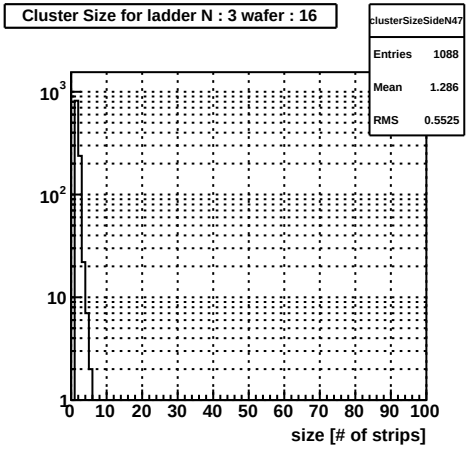

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1136
Mean 1.3
RMS 0.7763
size [# of strips]

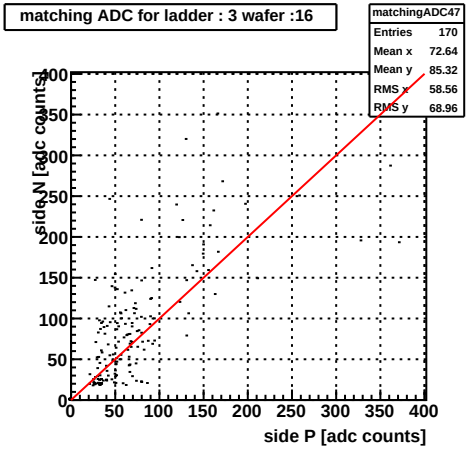

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 104
Mean x 93.29
Mean y 103.3
RMS x 64.3
RMS y 71.31
side N [adc counts]
side P [adc counts]

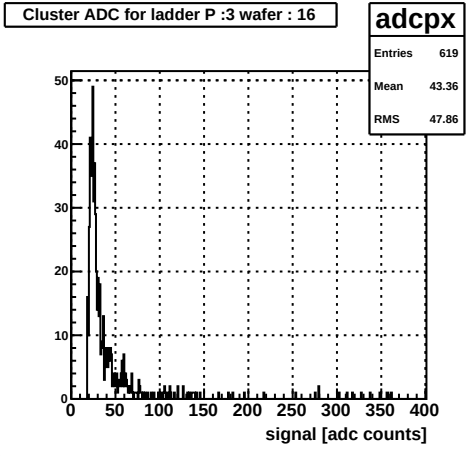

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 159
Mean 76.65
RMS 60.99
signal [adc counts]

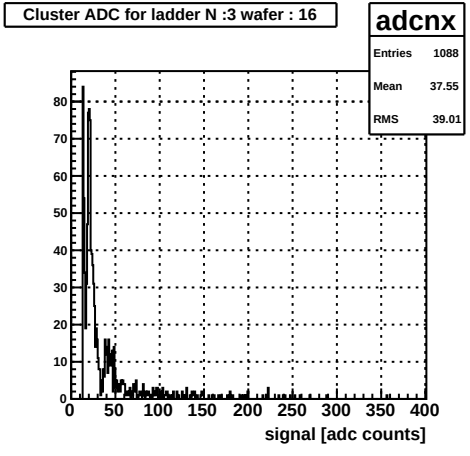

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1136
Mean 32.69
RMS 38.46
signal [adc counts]

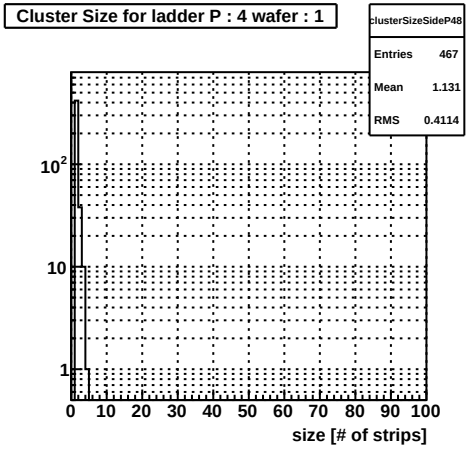

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 619
Mean 1.157
RMS 0.4579
size [# of strips]

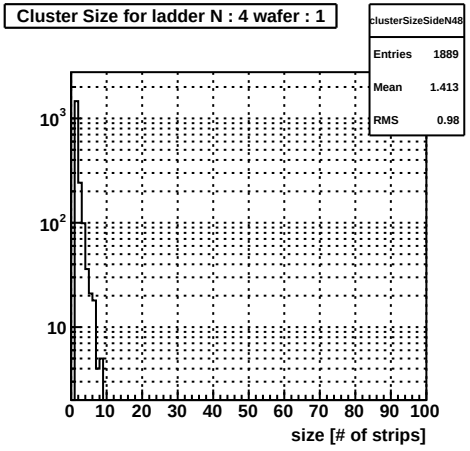

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1088
Mean 1.286
RMS 0.5525
size [# of strips]

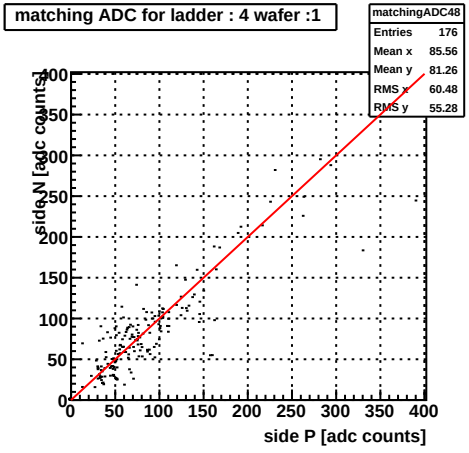

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 170
Mean x 72.64
Mean y 85.32
RMS x 58.56
RMS y 68.96
side N [adc counts]
side P [adc counts]

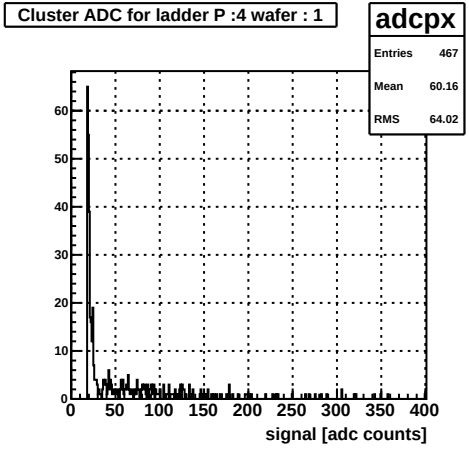

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 619
Mean 43.36
RMS 47.86
signal [adc counts]

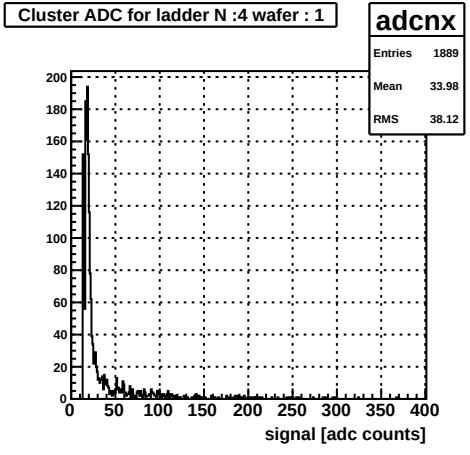

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1088
Mean 37.55
RMS 39.01
signal [adc counts]

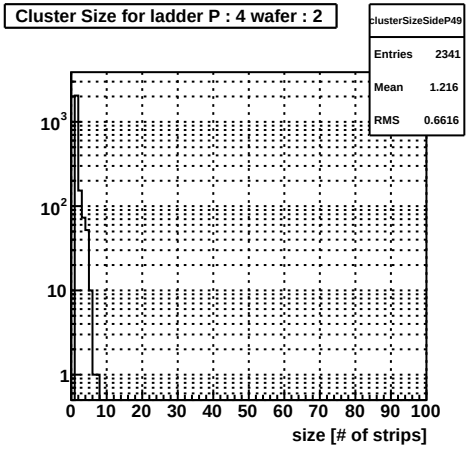

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 467
Mean 1.131
RMS 0.4114
size [# of strips]

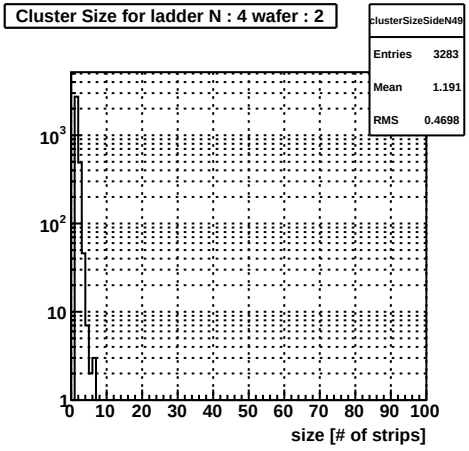

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1889
Mean 1.413
RMS 0.98
size [# of strips]

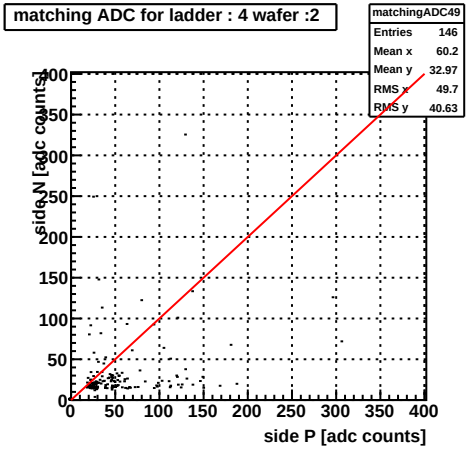

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 176
Mean x 85.56
Mean y 81.26
RMS x 60.48
RMS y 55.28
side N [adc counts]
side P [adc counts]

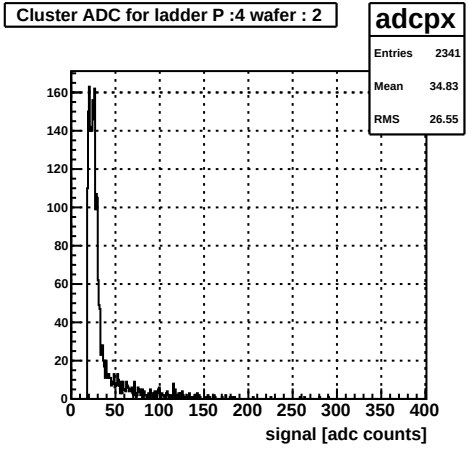

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 467
Mean 60.16
RMS 64.02
signal [adc counts]

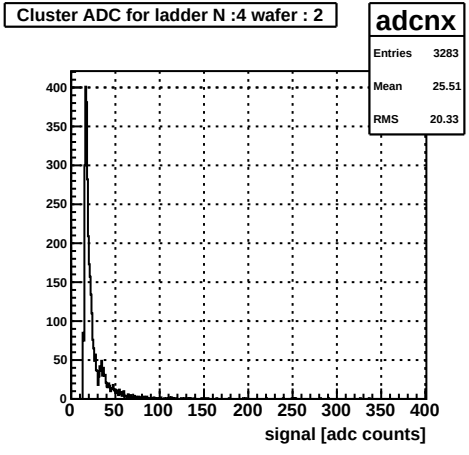

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1889
Mean 33.98
RMS 38.12
signal [adc counts]

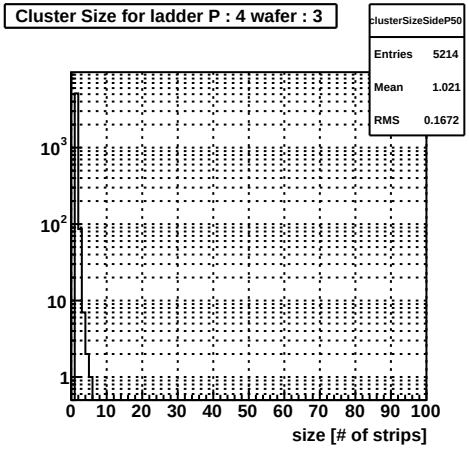

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2341
Mean 1.216
RMS 0.6616
size [# of strips]

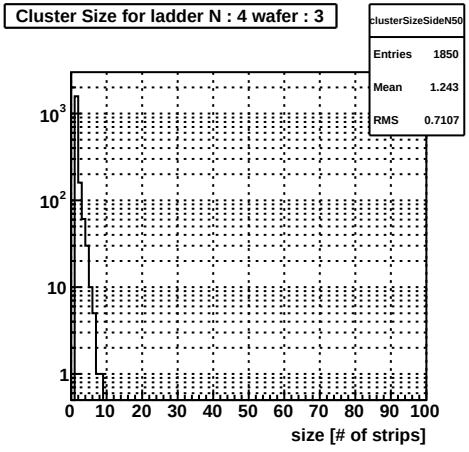

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 3283
Mean 1.191
RMS 0.4698
size [# of strips]

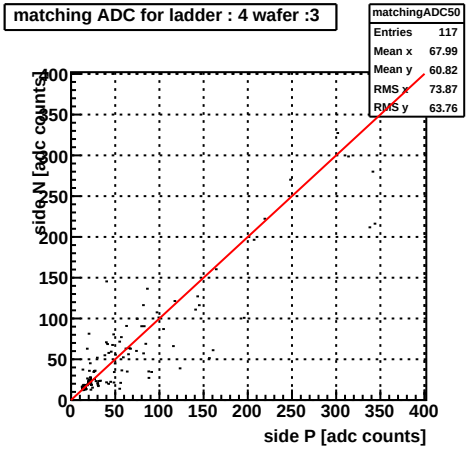

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 146
Mean x 60.2
Mean y 32.97
RMS x 49.7
RMS y 40.63
side N [adc counts]
side P [adc counts]

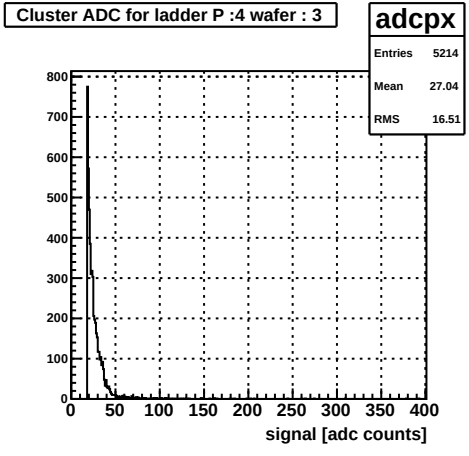

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2341
Mean 34.83
RMS 26.55
signal [adc counts]

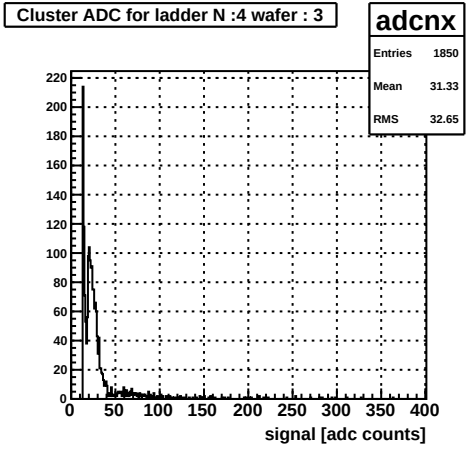

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 3283
Mean 25.51
RMS 20.33
signal [adc counts]

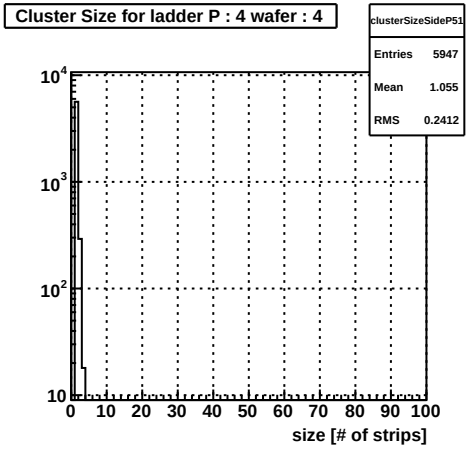

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 5214
Mean 1.021
RMS 0.1672
size [# of strips]

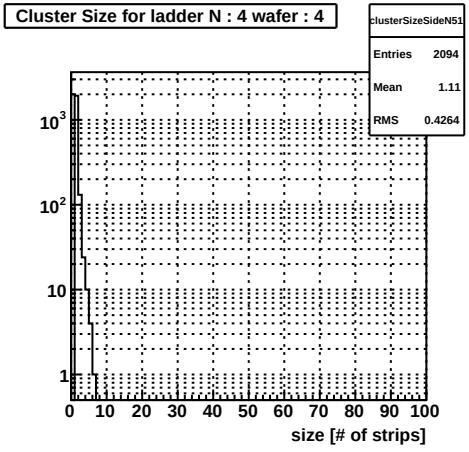

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 1850
Mean 1.243
RMS 0.7107
size [# of strips]

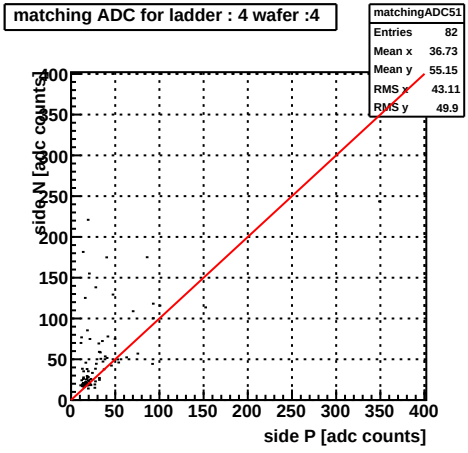

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 117
Mean x 67.99
Mean y 60.82
RMS x 73.87
RMS y 63.76
side N [adc counts]
side P [adc counts]

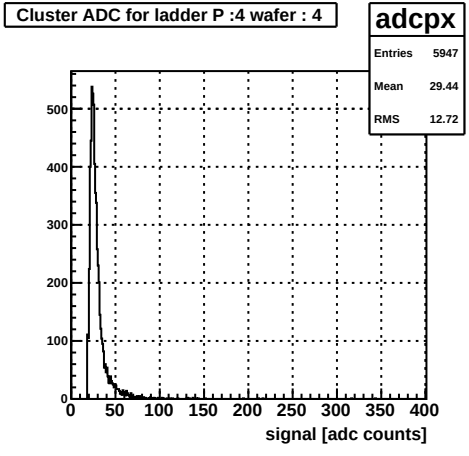

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 5214
Mean 27.04
RMS 16.51
signal [adc counts]

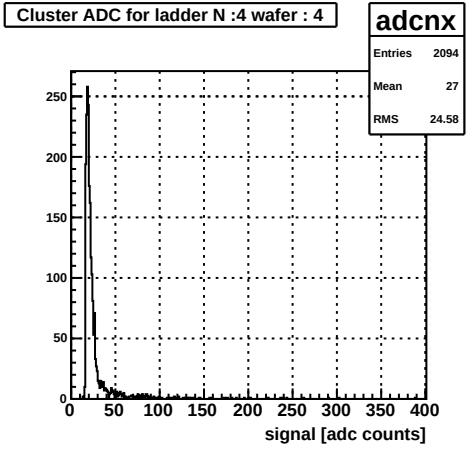

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 1850
Mean 31.33
RMS 32.65
signal [adc counts]

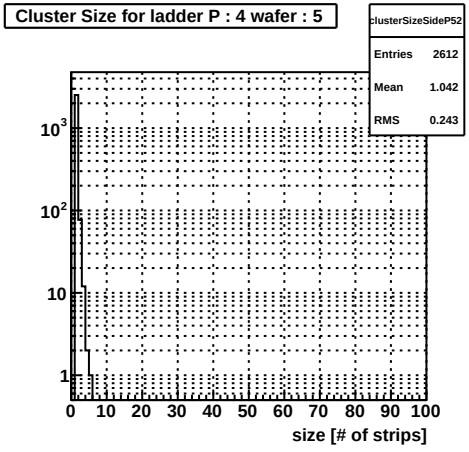

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 5947
Mean 1.055
RMS 0.2412
size [# of strips]

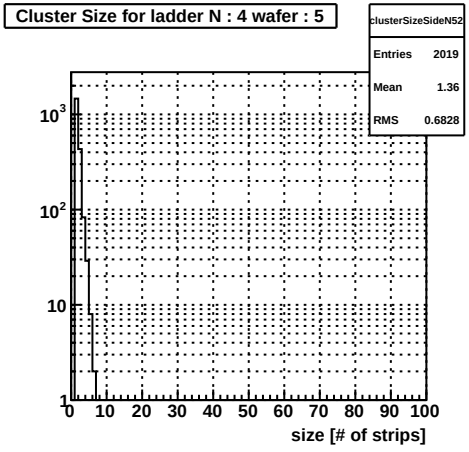

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2094
Mean 1.11
RMS 0.4264
size [# of strips]

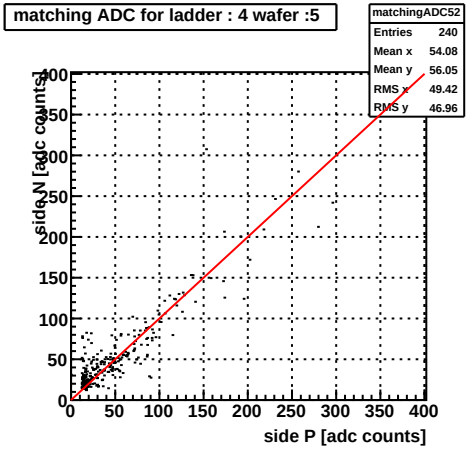

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 82
Mean x 36.73
Mean y 55.15
RMS x 43.11
RMS y 49.9
side N [adc counts]
side P [adc counts]

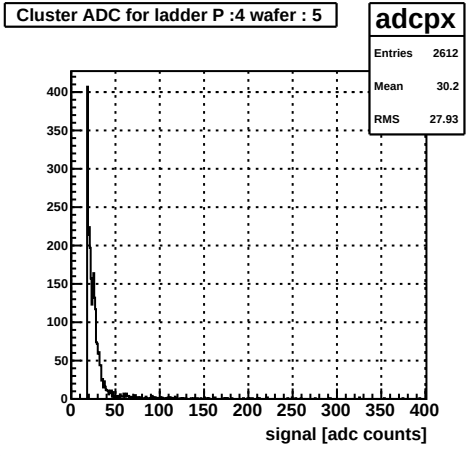

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 5947
Mean 29.44
RMS 12.72
signal [adc counts]

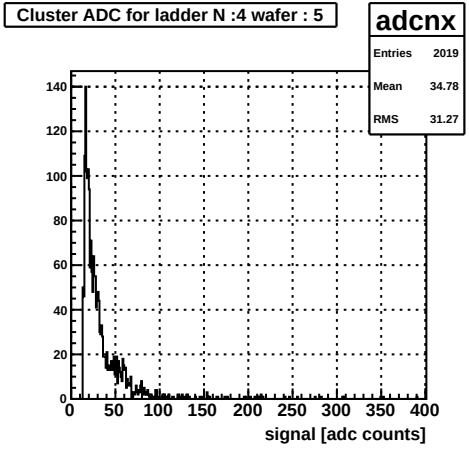

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2094
Mean 27
RMS 24.58
signal [adc counts]

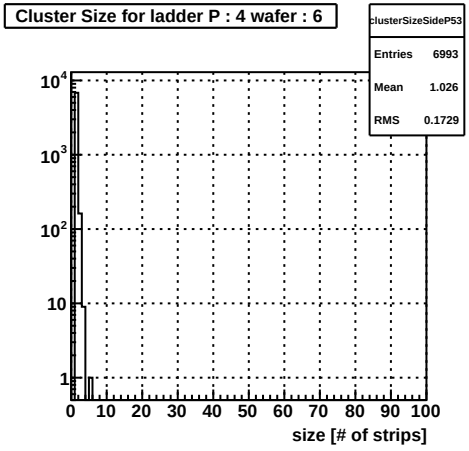

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 2612
Mean 1.042
RMS 0.243
size [# of strips]

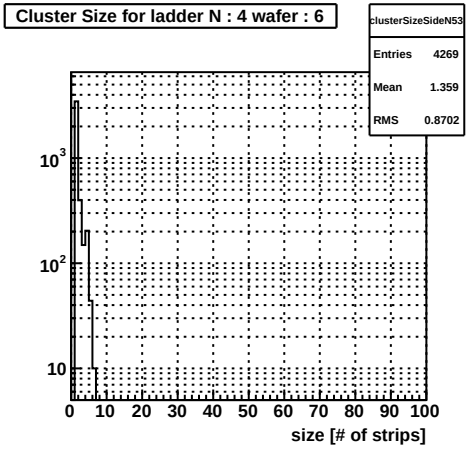

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2019
Mean 1.36
RMS 0.6828
size [# of strips]

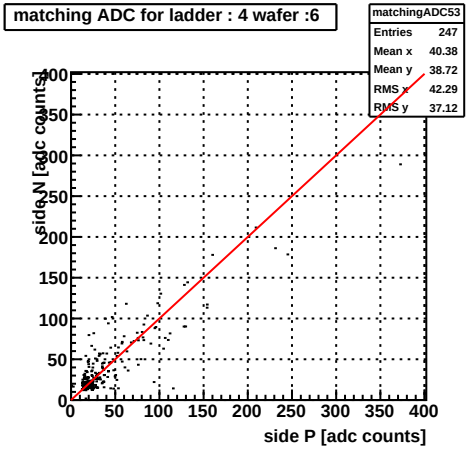

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 240
Mean x 54.08
Mean y 56.05
RMS x 49.42
RMS y 46.96
side N [adc counts]
side P [adc counts]

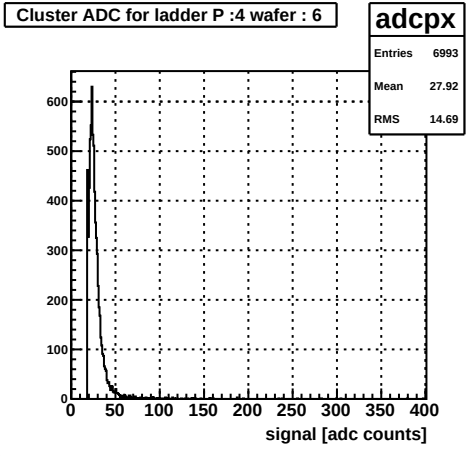

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 2612
Mean 30.2
RMS 27.93
signal [adc counts]

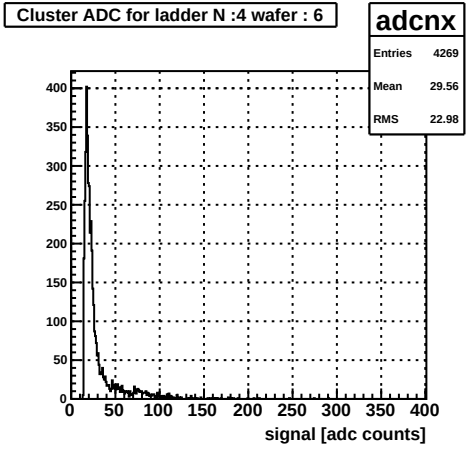

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2019
Mean 34.78
RMS 31.27
signal [adc counts]

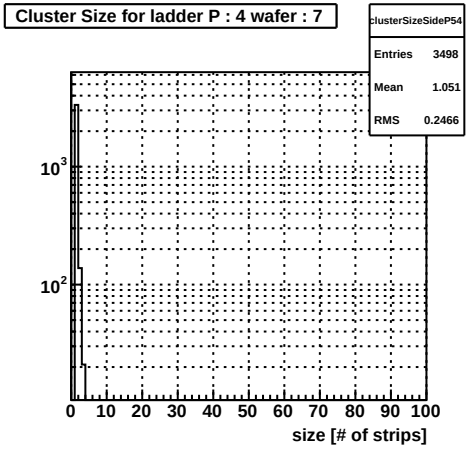

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 6993
Mean 1.026
RMS 0.1729
size [# of strips]

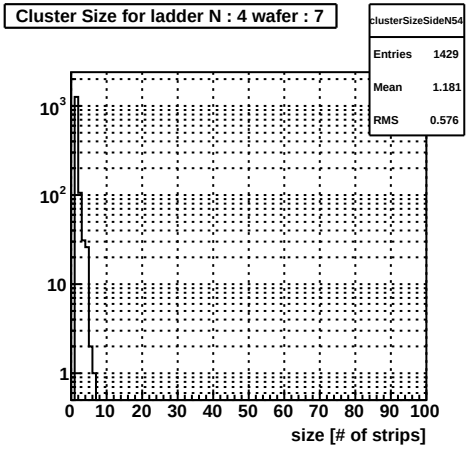

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 4269
Mean 1.359
RMS 0.8702
size [# of strips]

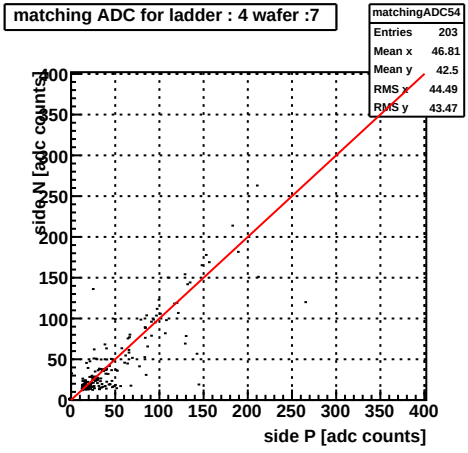

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 247
Mean x 40.38
Mean y 38.72
RMS x 42.29
RMS y 37.12
side N [adc counts]
side P [adc counts]

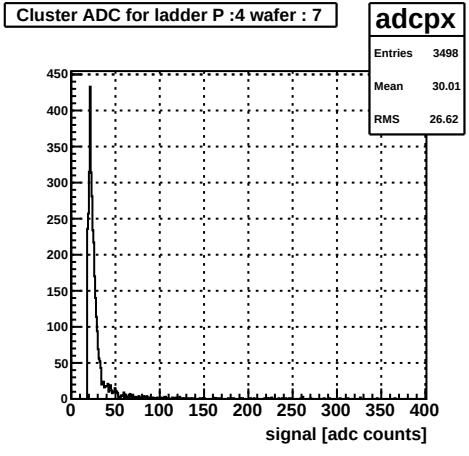

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 6993
Mean 27.92
RMS 14.69
signal [adc counts]

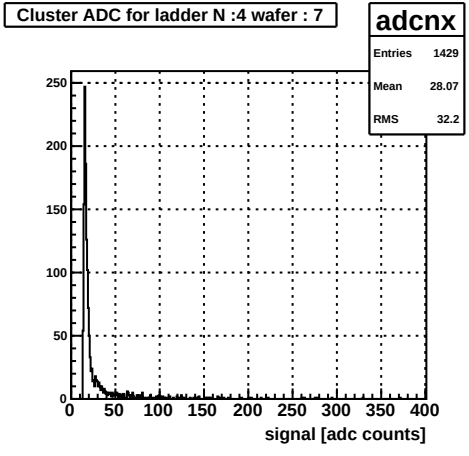

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 4269
Mean 29.56
RMS 22.98
signal [adc counts]

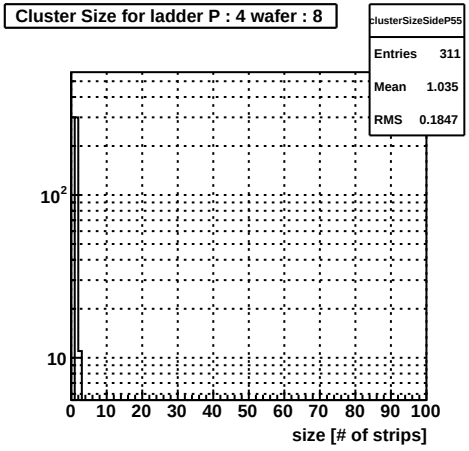

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3498
Mean 1.051
RMS 0.2466
size [# of strips]

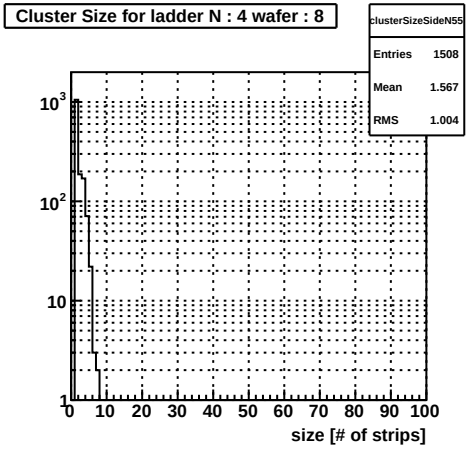

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 1429
Mean 1.181
RMS 0.576
size [# of strips]

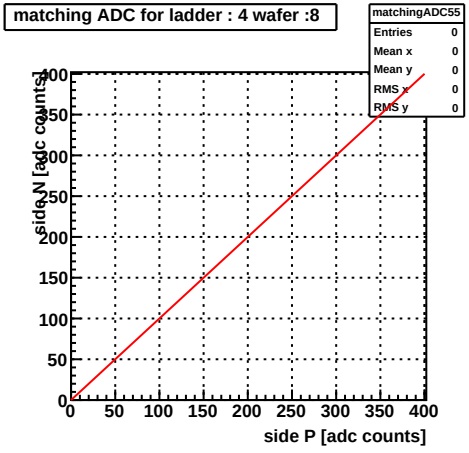

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 203
Mean x 46.81
Mean y 42.5
RMS x 44.49
RMS y 43.47
side N [adc counts]
side P [adc counts]

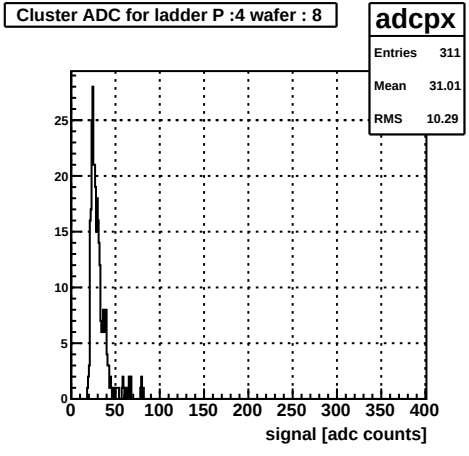

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3498
Mean 30.01
RMS 26.62
signal [adc counts]

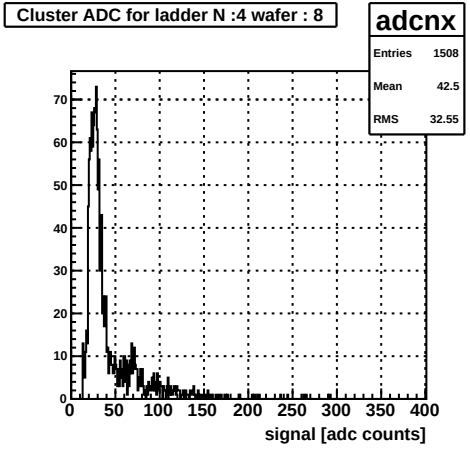

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 1429
Mean 28.07
RMS 32.2
signal [adc counts]

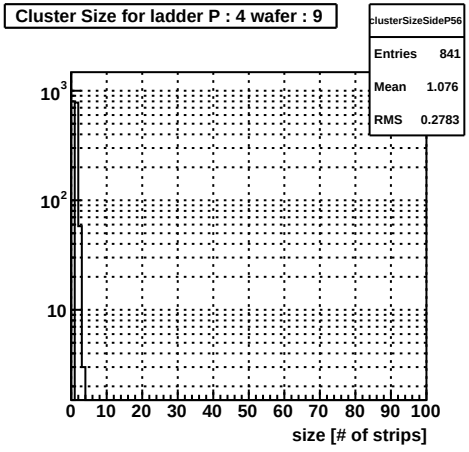

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 311
Mean 1.035
RMS 0.1847
size [# of strips]

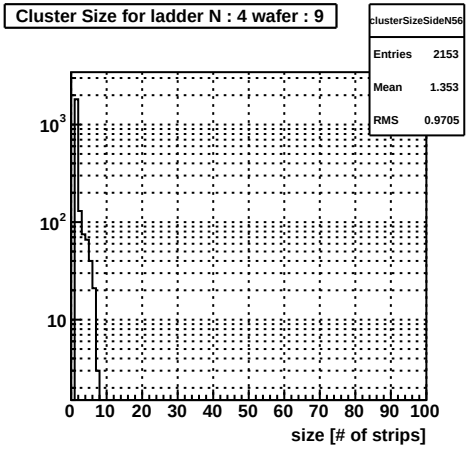

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1508
Mean 1.567
RMS 1.004
size [# of strips]

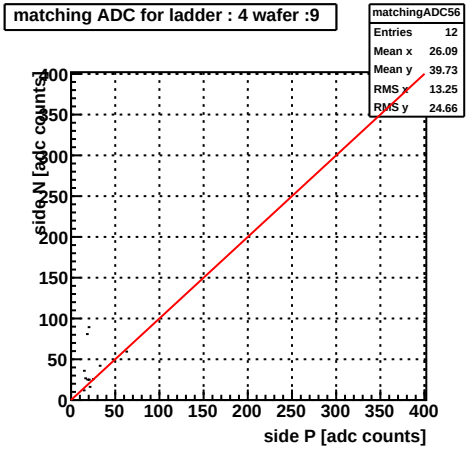

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

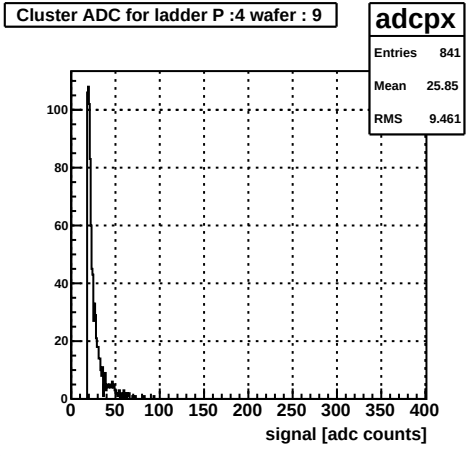

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 311
Mean 31.01
RMS 10.29
signal [adc counts]

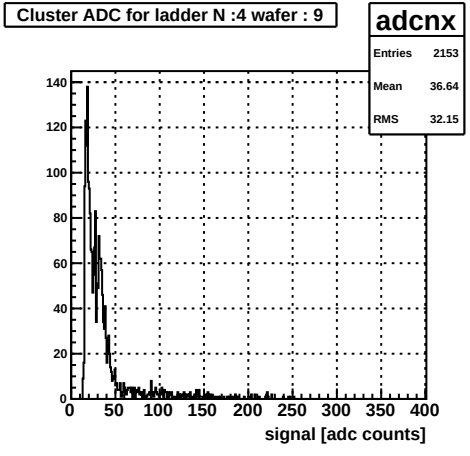

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1508
Mean 42.5
RMS 32.55
signal [adc counts]

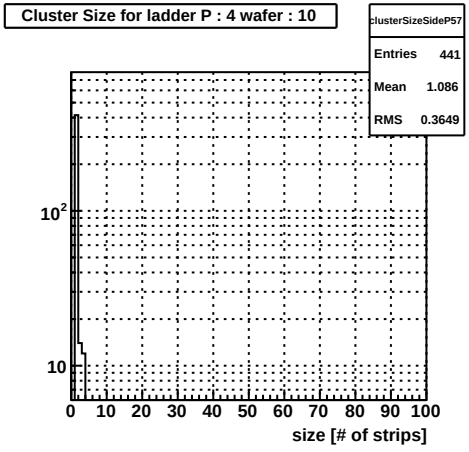

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 841
Mean 1.076
RMS 0.2783
size [# of strips]

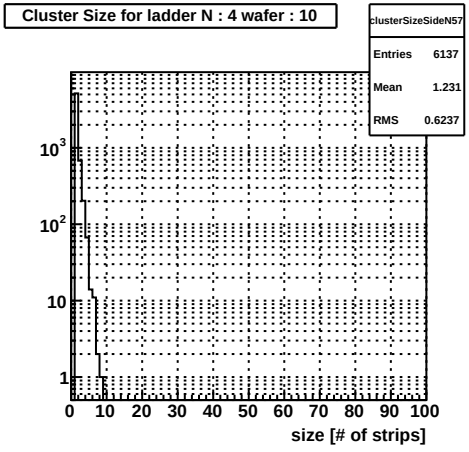

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 2153
Mean 1.353
RMS 0.9705
size [# of strips]

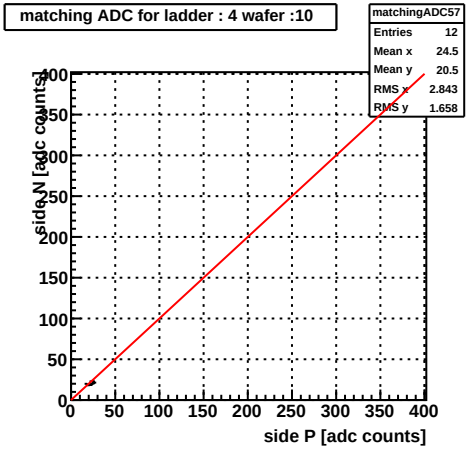

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 12
Mean x 26.09
Mean y 39.73
RMS x 13.25
RMS y 24.66
side N [adc counts]
side P [adc counts]

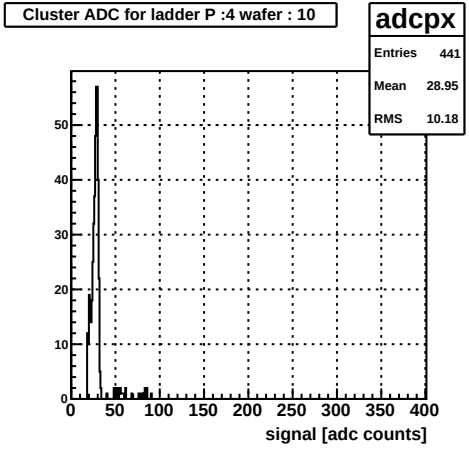

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 841
Mean 25.85
RMS 9.461
signal [adc counts]

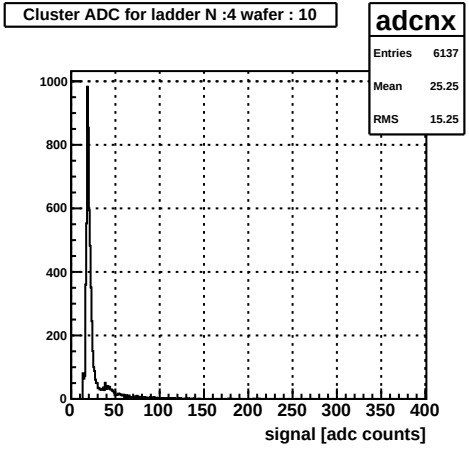

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 2153
Mean 36.64
RMS 32.15
signal [adc counts]

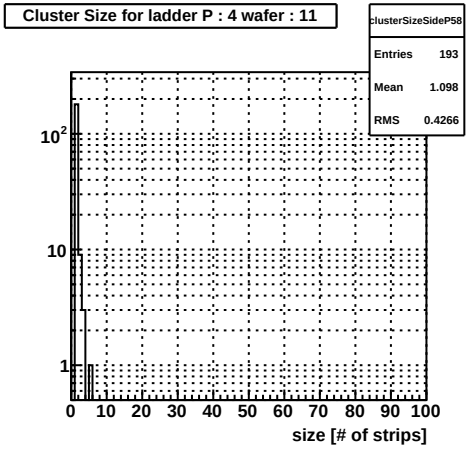

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 441
Mean 1.086
RMS 0.3649
size [# of strips]

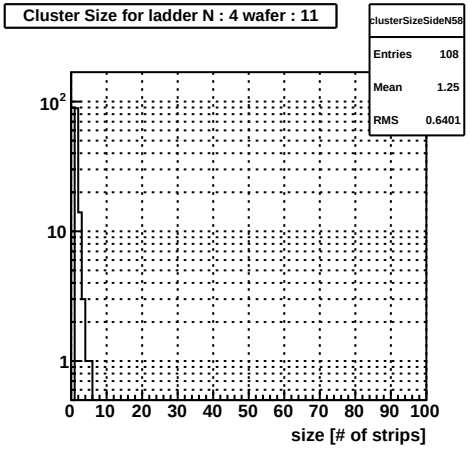

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 6137
Mean 1.231
RMS 0.6237
size [# of strips]

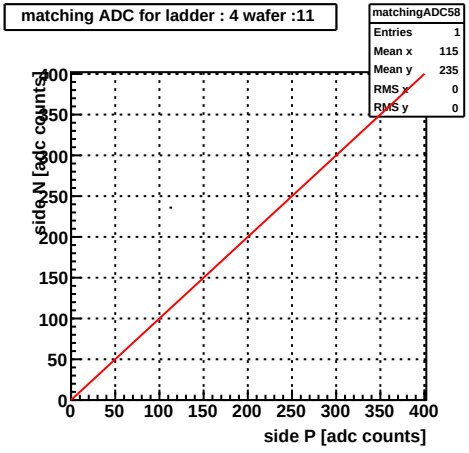

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 12
Mean x 24.5
Mean y 20.5
RMS x 2.843
RMS y 1.658
side N [adc counts]
side P [adc counts]

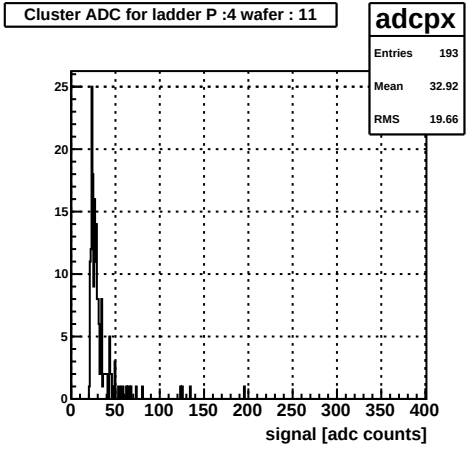

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 441
Mean 28.95
RMS 10.18
signal [adc counts]

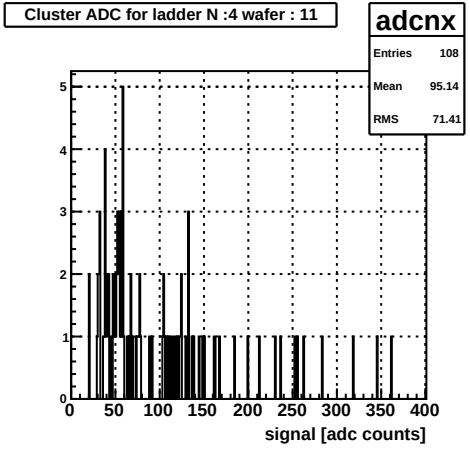

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 6137
Mean 25.25
RMS 15.25
signal [adc counts]

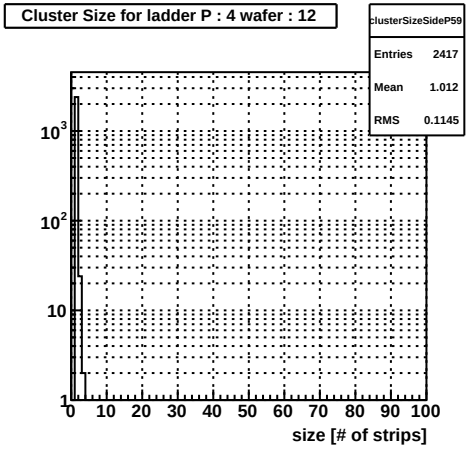

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 193
Mean 1.098
RMS 0.4266
size [# of strips]

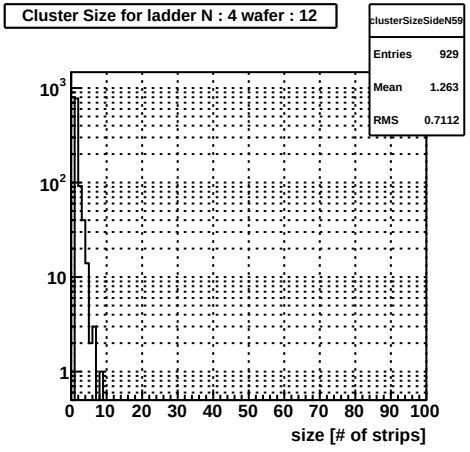

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 108
Mean 1.25
RMS 0.6401
size [# of strips]

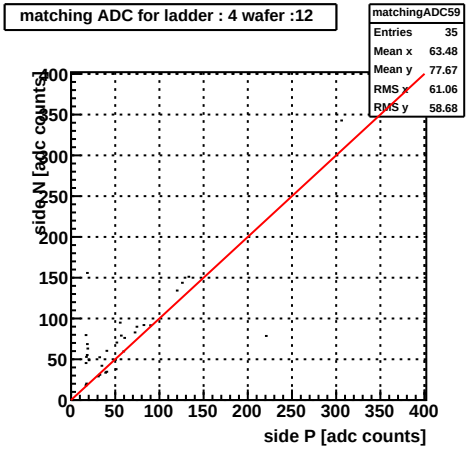

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 1
Mean x 115
Mean y 235
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

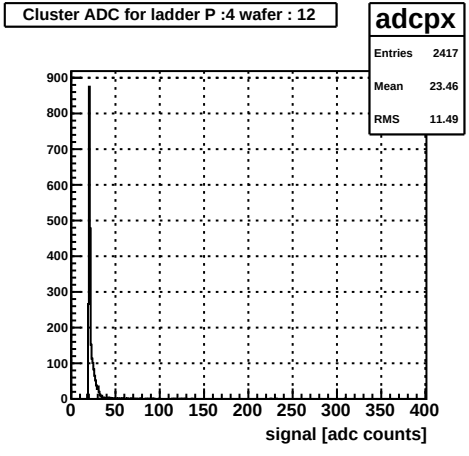

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 193
Mean 32.92
RMS 19.66
signal [adc counts]

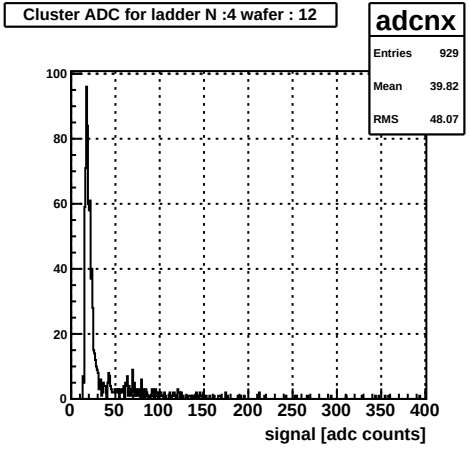

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 108
Mean 95.14
RMS 71.41
signal [adc counts]

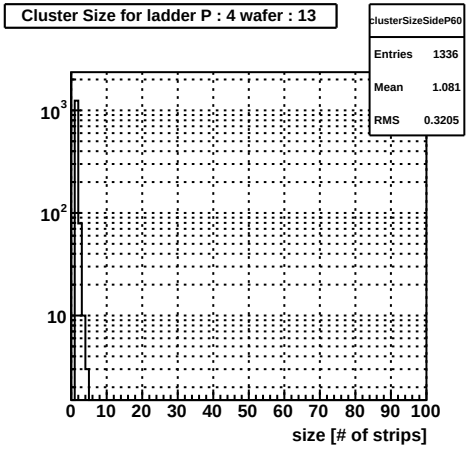

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 2417
Mean 1.012
RMS 0.1145
size [# of strips]

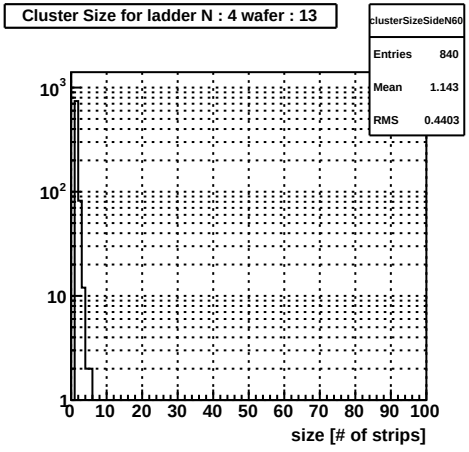

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 929
Mean 1.263
RMS 0.7112
size [# of strips]

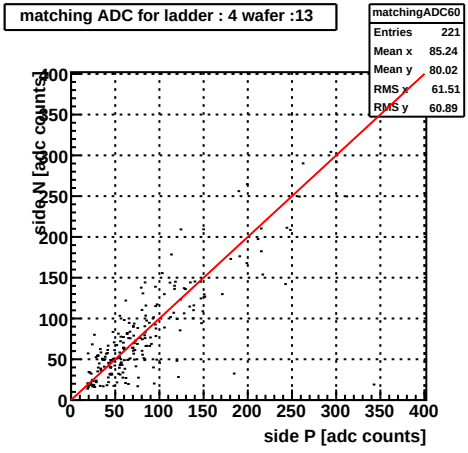

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 35
Mean x 63.48
Mean y 77.67
RMS x 61.06
RMS y 58.68
side N [adc counts]
side P [adc counts]

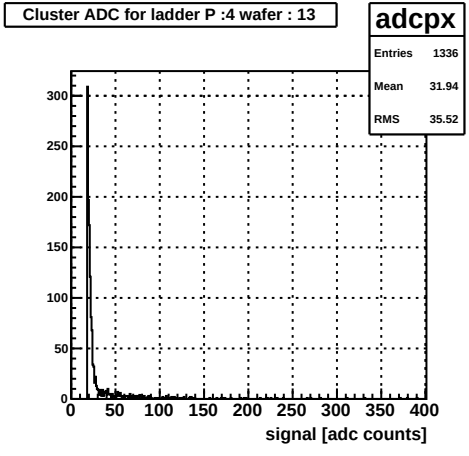

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 2417
Mean 23.46
RMS 11.49
signal [adc counts]

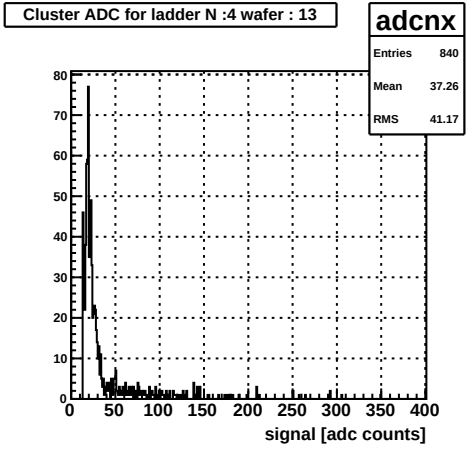

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 929
Mean 39.82
RMS 48.07
signal [adc counts]

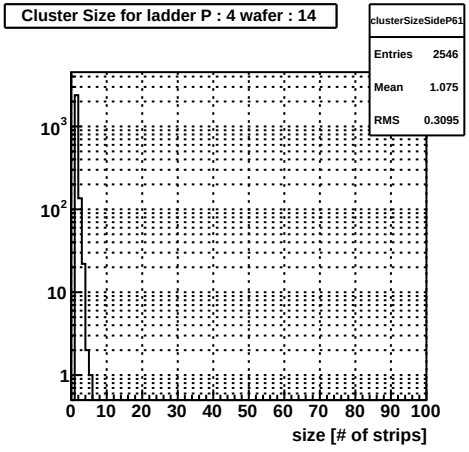

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1336
Mean 1.081
RMS 0.3205
size [# of strips]

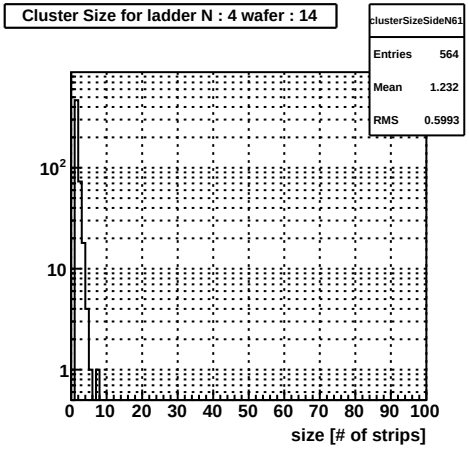

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 840
Mean 1.143
RMS 0.4403
size [# of strips]

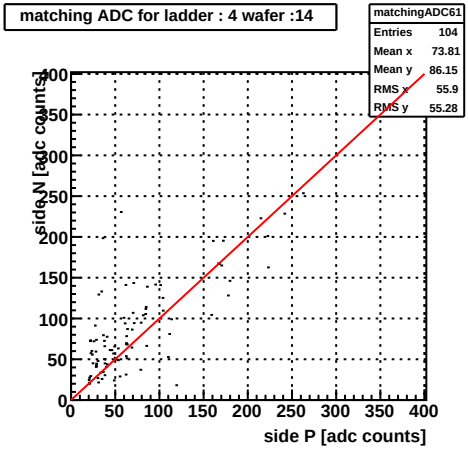

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 221
Mean x 85.24
Mean y 80.02
RMS x 61.51
RMS y 60.89
side N [adc counts]
side P [adc counts]

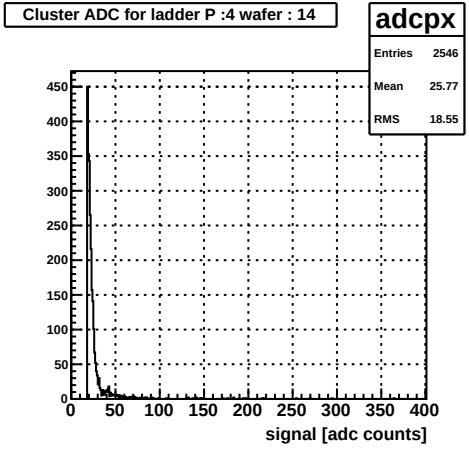

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1336
Mean 31.94
RMS 35.52
signal [adc counts]

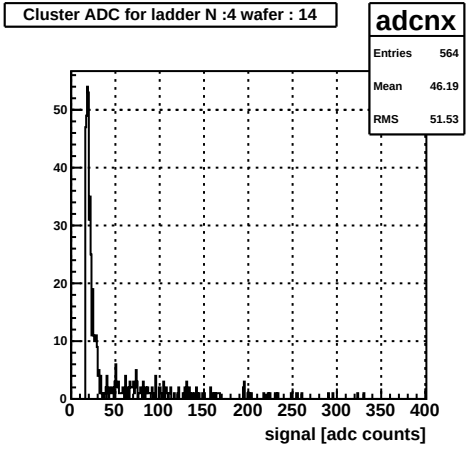

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 840
Mean 37.26
RMS 41.17
signal [adc counts]

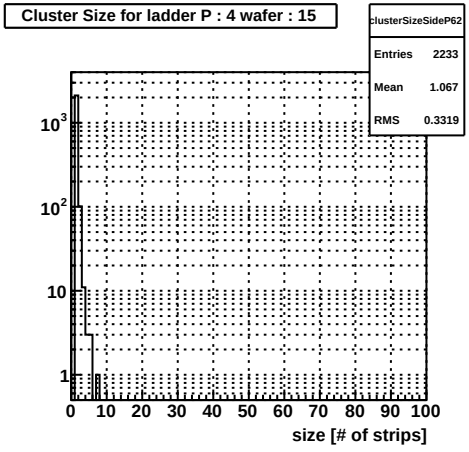

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 2546
Mean 1.075
RMS 0.3095
size [# of strips]

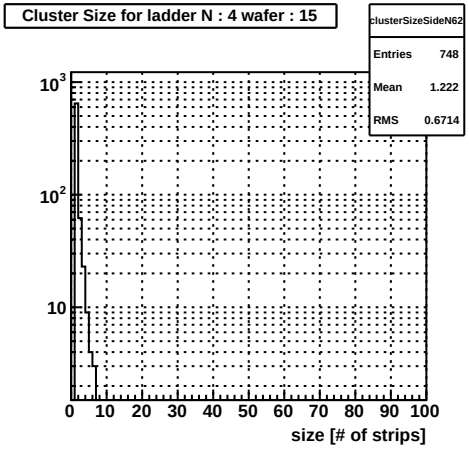

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 564
Mean 1.232
RMS 0.5993
size [# of strips]

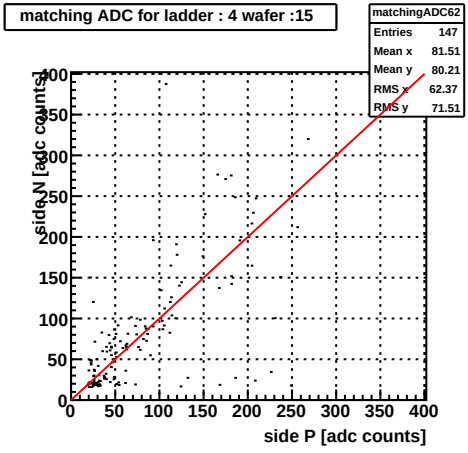

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 104
Mean x 73.81
Mean y 86.15
RMS x 55.9
RMS y 55.28
side N [adc counts]
side P [adc counts]

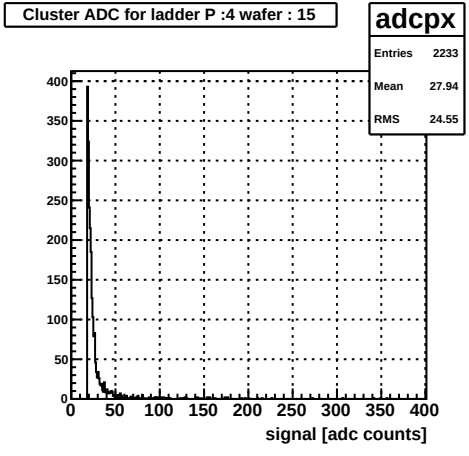

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 2546
Mean 25.77
RMS 18.55
signal [adc counts]

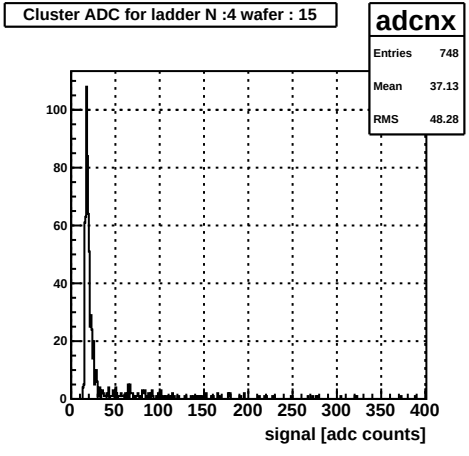

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 564
Mean 46.19
RMS 51.53
signal [adc counts]

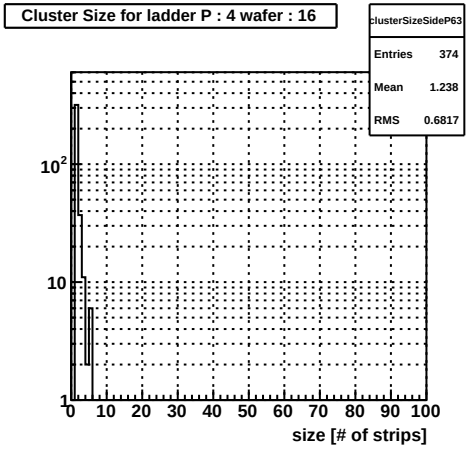

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 2233
Mean 1.067
RMS 0.3319
size [# of strips]

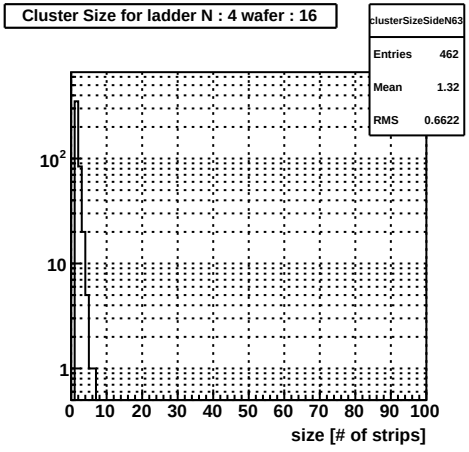

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 748
Mean 1.222
RMS 0.6714
size [# of strips]

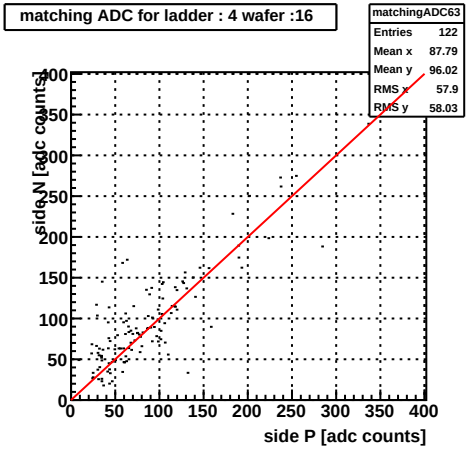

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 147
Mean x 81.51
Mean y 80.21
RMS x 62.37
RMS y 71.51
side N [adc counts]
side P [adc counts]

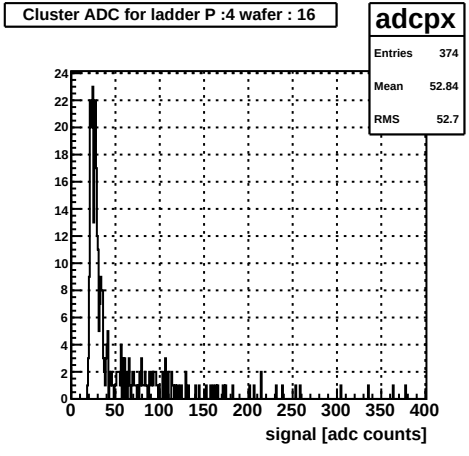

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 2233
Mean 27.94
RMS 24.55
signal [adc counts]

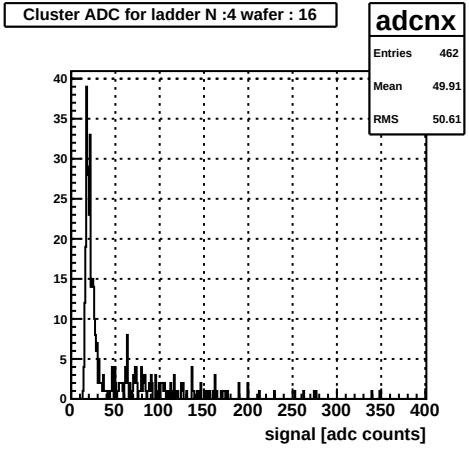

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 748
Mean 37.13
RMS 48.28
signal [adc counts]

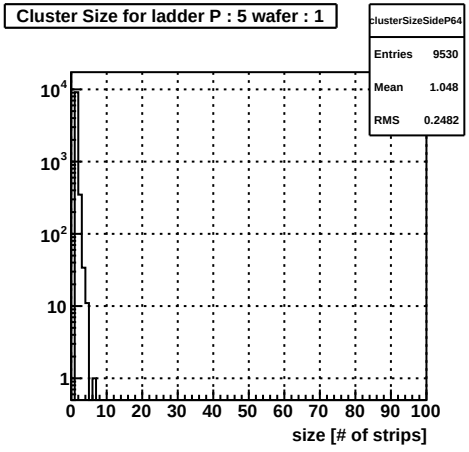

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 374
Mean 1.238
RMS 0.6817
size [# of strips]

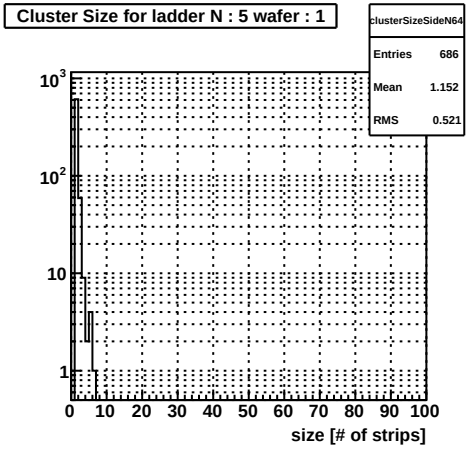

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 462
Mean 1.32
RMS 0.6622
size [# of strips]

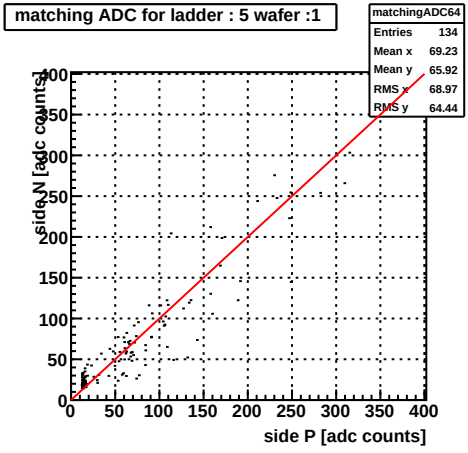

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 122
Mean x 87.79
Mean y 96.02
RMS x 57.9
RMS y 58.03
side N [adc counts]
side P [adc counts]

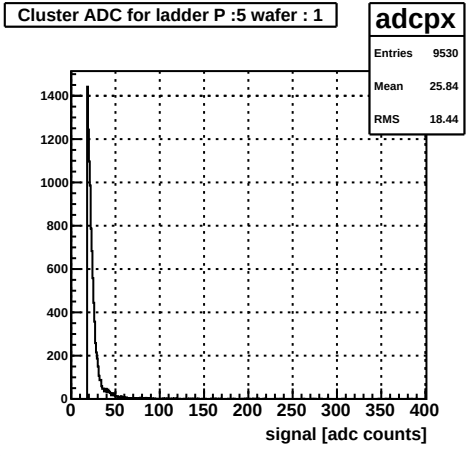

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 374
Mean 52.84
RMS 52.7
signal [adc counts]

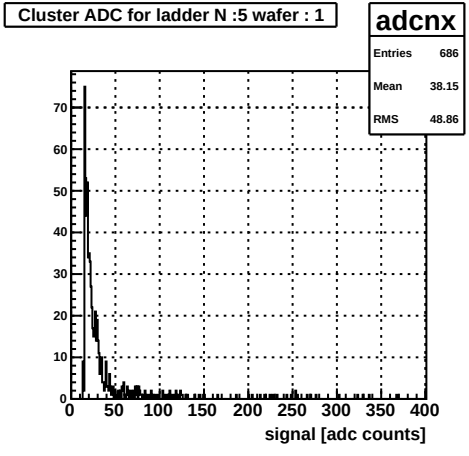

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 462
Mean 49.91
RMS 50.61
signal [adc counts]

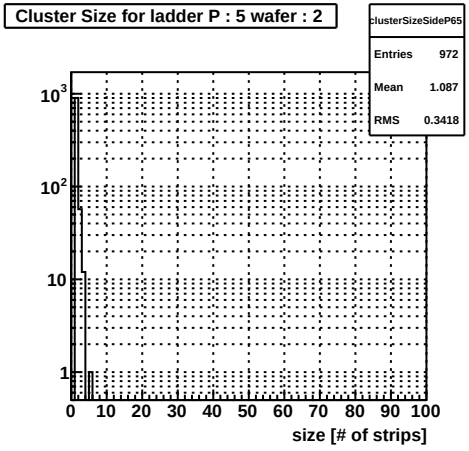

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 9530
Mean 1.048
RMS 0.2482
size [# of strips]

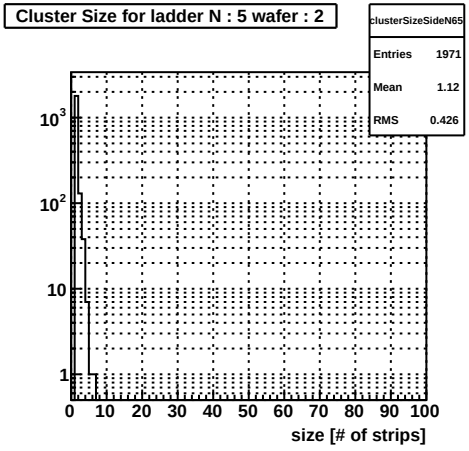

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 686
Mean 1.152
RMS 0.521
size [# of strips]

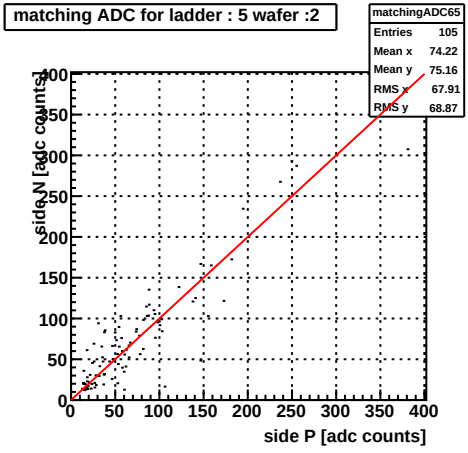

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 134
Mean x 69.23
Mean y 65.92
RMS x 68.97
RMS y 64.44
side N [adc counts]
side P [adc counts]

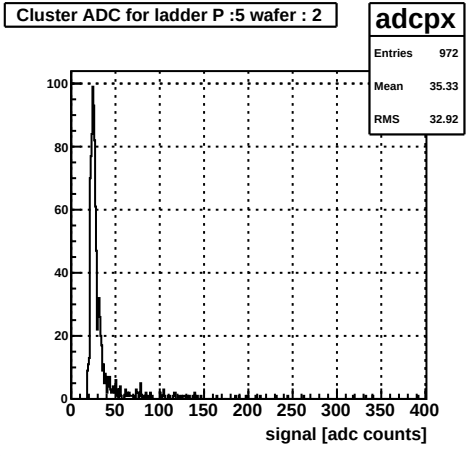

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 9530
Mean 25.84
RMS 18.44
signal [adc counts]

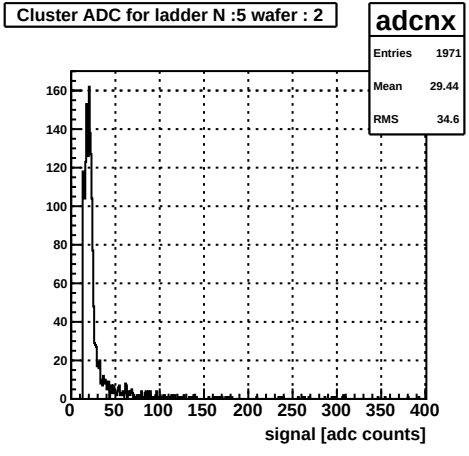

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 686
Mean 38.15
RMS 48.86
signal [adc counts]

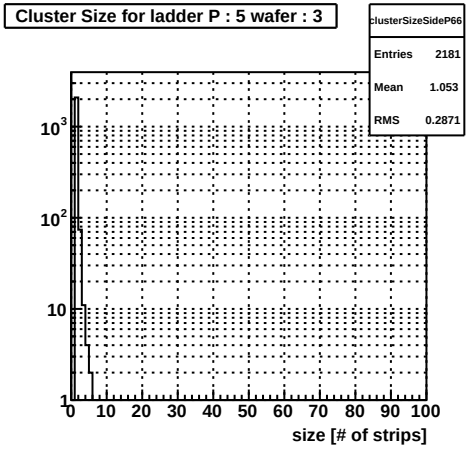

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 972
Mean 1.087
RMS 0.3418
size [# of strips]

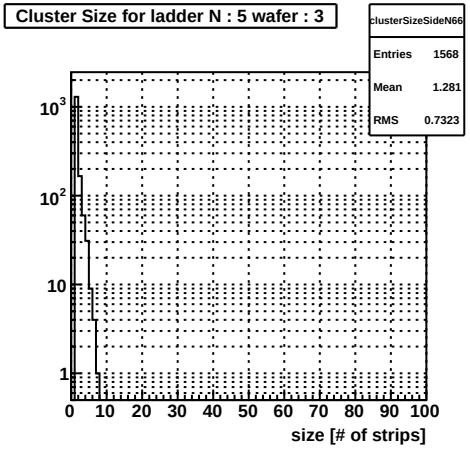

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 1971
Mean 1.12
RMS 0.426
size [# of strips]

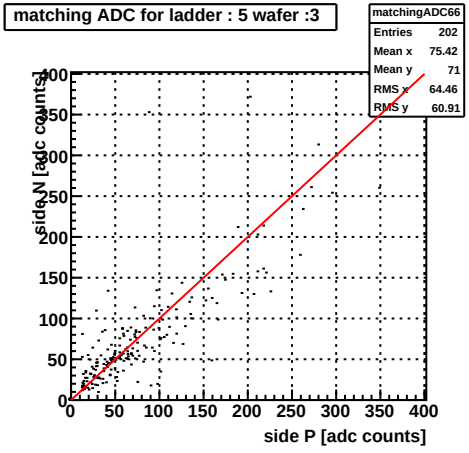

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 105
Mean x 74.22
Mean y 75.16
RMS x 67.91
RMS y 68.87
side N [adc counts]
side P [adc counts]

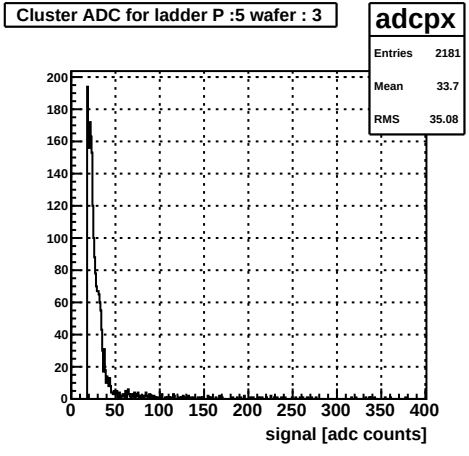

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 972
Mean 35.33
RMS 32.92
signal [adc counts]

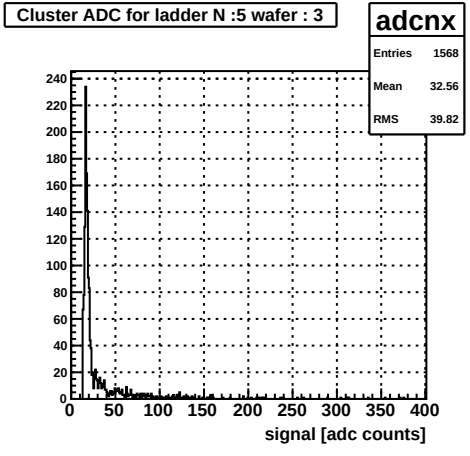

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 1971
Mean 29.44
RMS 34.6
signal [adc counts]

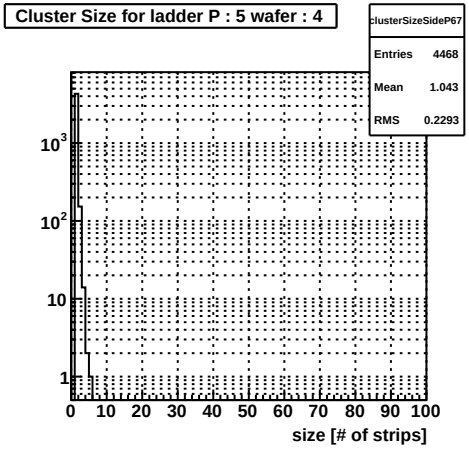

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 2181
Mean 1.053
RMS 0.2871
size [# of strips]

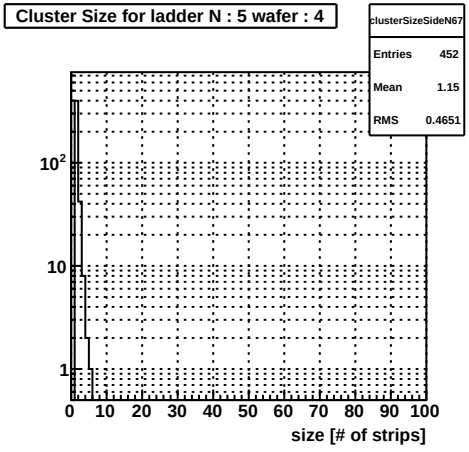

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 1568
Mean 1.281
RMS 0.7323
size [# of strips]

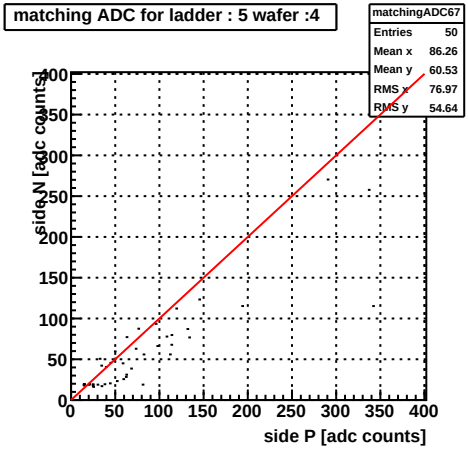

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 202
Mean x 75.42
Mean y 71
RMS x 64.46
RMS y 60.91
side N [adc counts]
side P [adc counts]

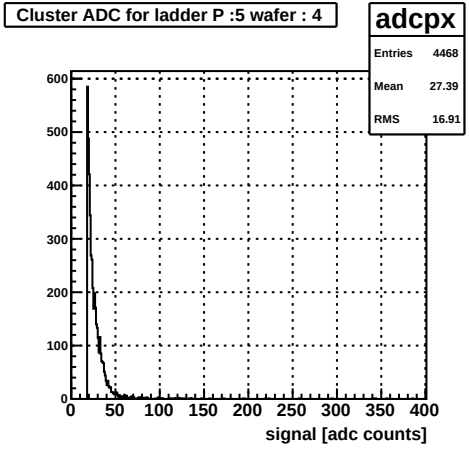

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 2181
Mean 33.7
RMS 35.08
signal [adc counts]

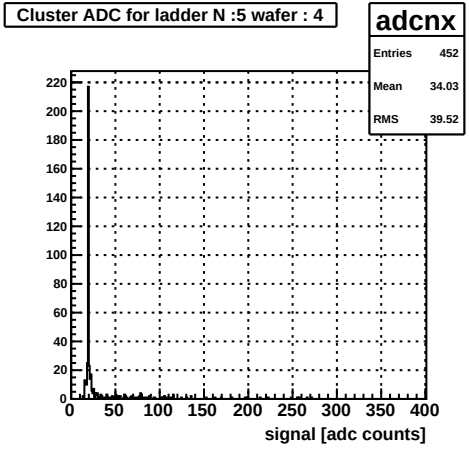

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 1568
Mean 32.56
RMS 39.82
signal [adc counts]

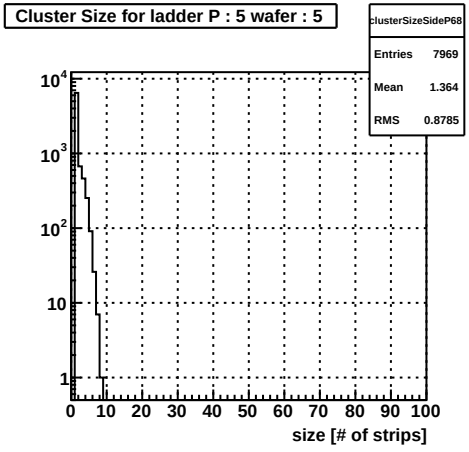

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 4468
Mean 1.043
RMS 0.2293
size [# of strips]

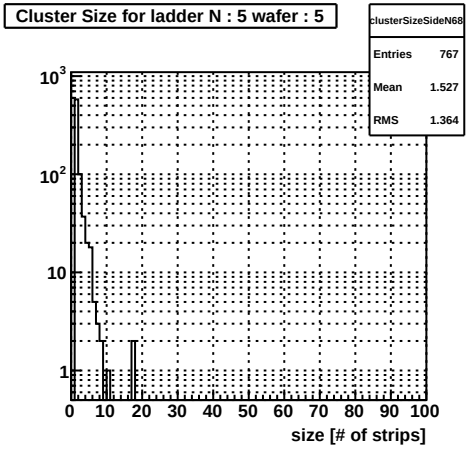

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 452
Mean 1.15
RMS 0.4651
size [# of strips]

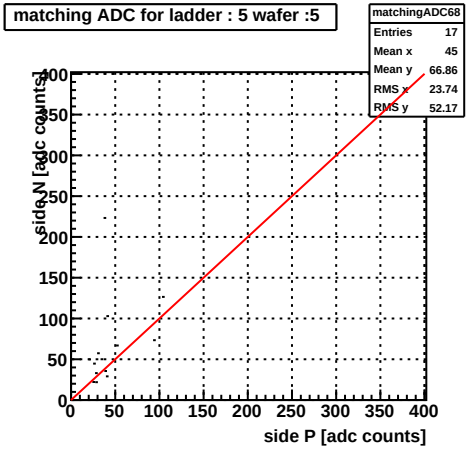

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 50
Mean x 86.26
Mean y 60.53
RMS x 76.97
RMS y 54.64
side N [adc counts]
side P [adc counts]

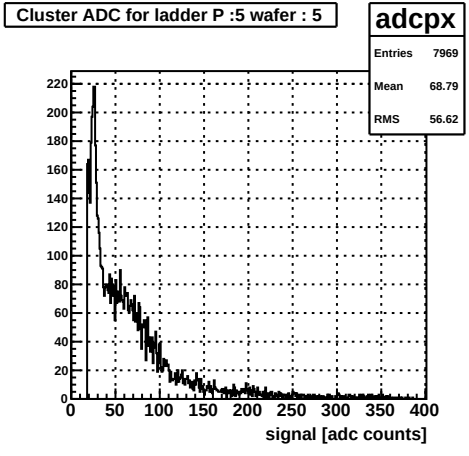

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 4468
Mean 27.39
RMS 16.91
signal [adc counts]

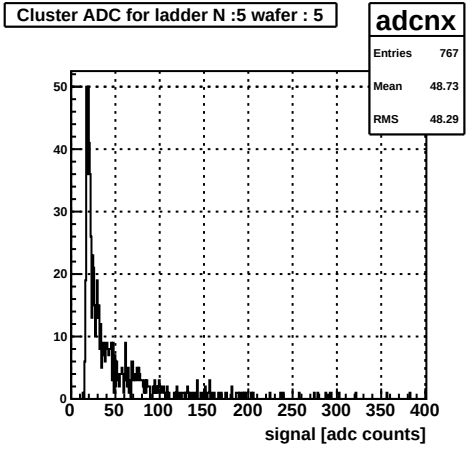

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 452
Mean 34.03
RMS 39.52
signal [adc counts]

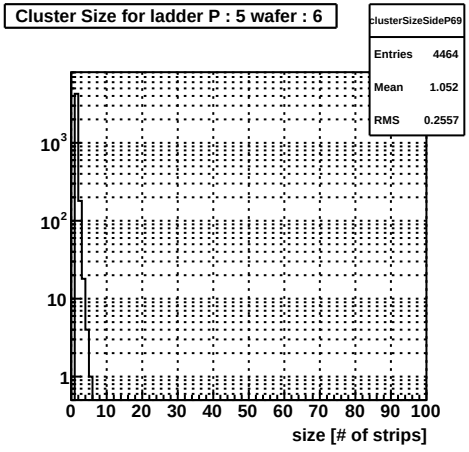

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 7969
Mean 1.364
RMS 0.8785
size [# of strips]

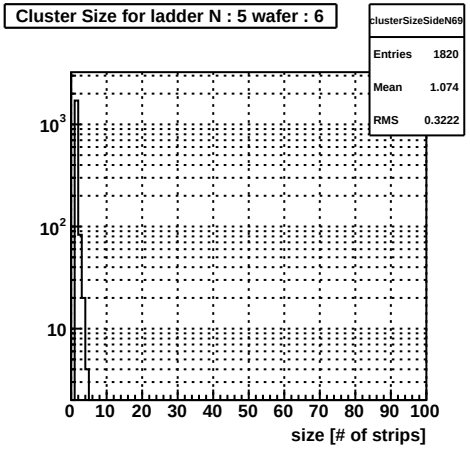

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 767
Mean 1.527
RMS 1.364
size [# of strips]

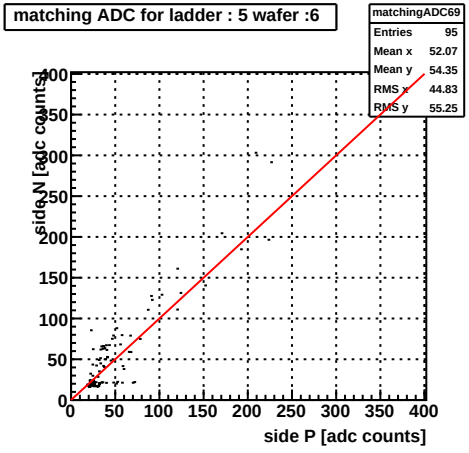

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 17
Mean x 45
Mean y 66.86
RMS x 23.74
RMS y 52.17
side N [adc counts]
side P [adc counts]

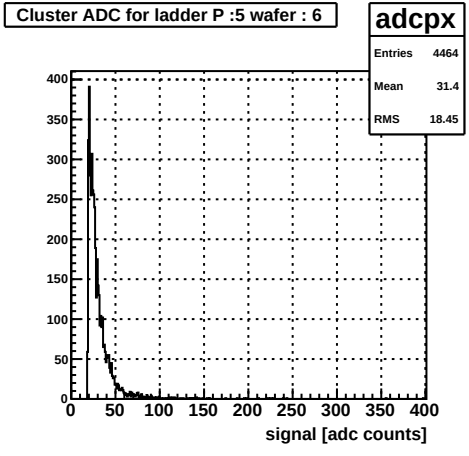

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 7969
Mean 68.79
RMS 56.62
signal [adc counts]

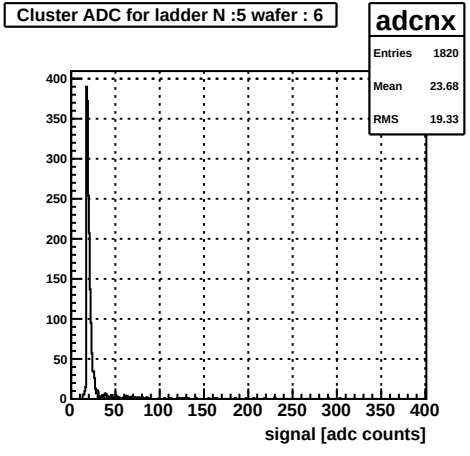

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 767
Mean 48.73
RMS 48.29
signal [adc counts]

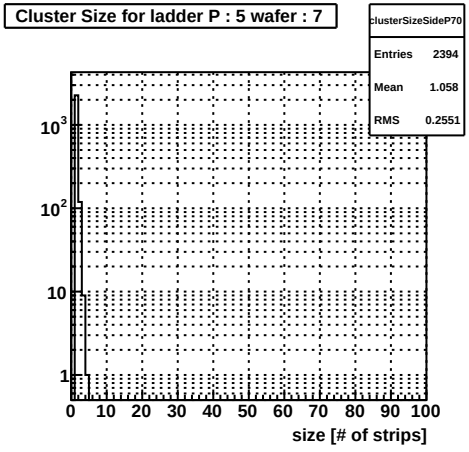

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 4464
Mean 1.052
RMS 0.2557
size [# of strips]

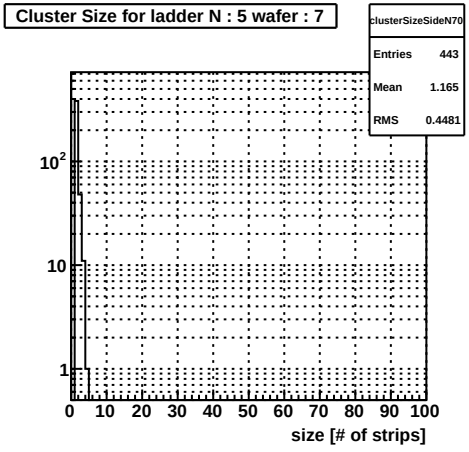

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1820
Mean 1.074
RMS 0.3222
size [# of strips]

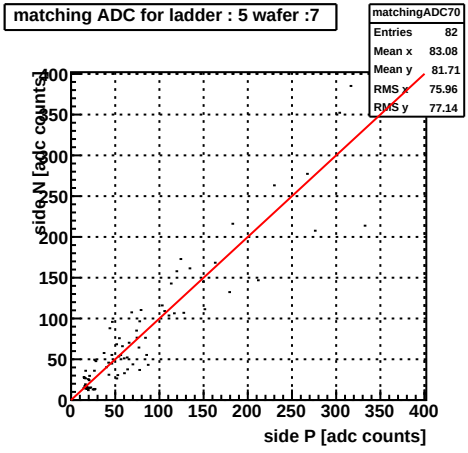

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 95
Mean x 52.07
Mean y 54.35
RMS x 44.83
RMS y 55.25
side N [adc counts]
side P [adc counts]

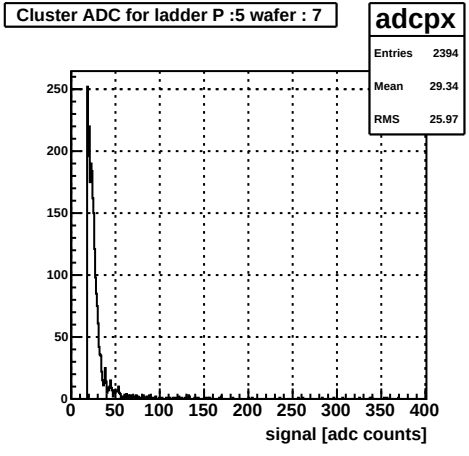

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 4464
Mean 31.4
RMS 18.45
signal [adc counts]

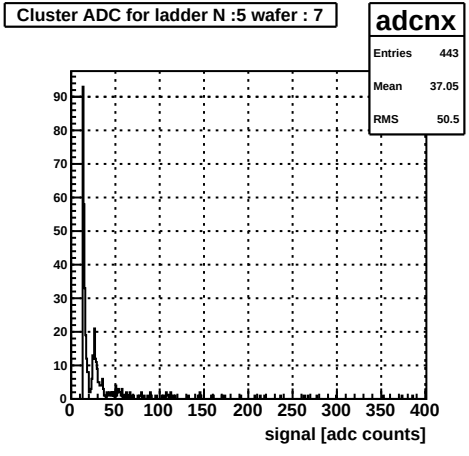

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1820
Mean 23.68
RMS 19.33
signal [adc counts]

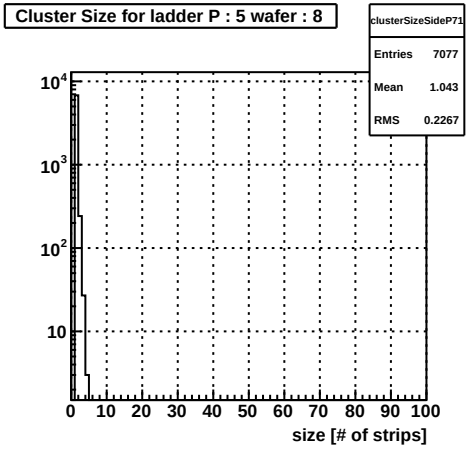

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 2394
Mean 1.058
RMS 0.2551
size [# of strips]

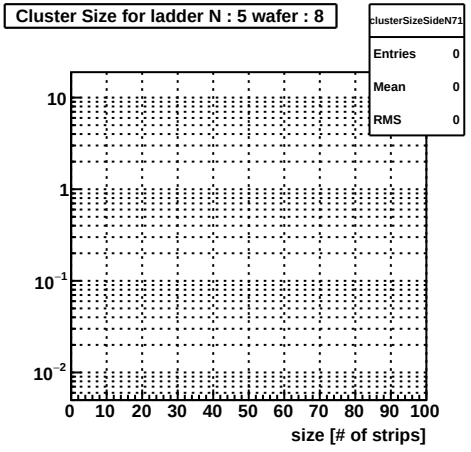

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 443
Mean 1.165
RMS 0.4481
size [# of strips]

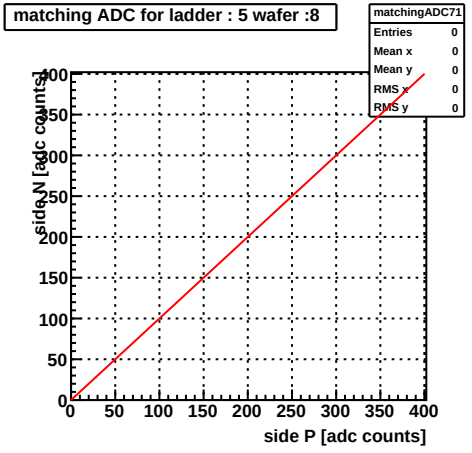

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 82
Mean x 83.08
Mean y 81.71
RMS x 75.96
RMS y 77.14
side N [adc counts]
side P [adc counts]

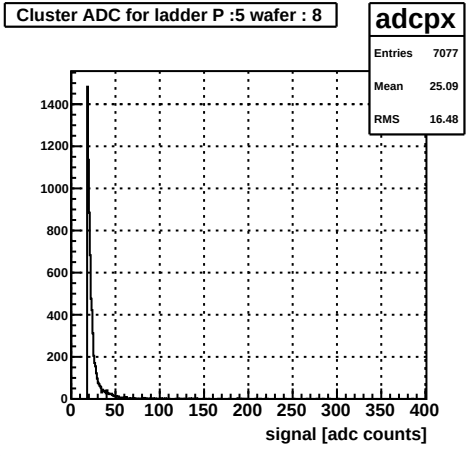

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 2394
Mean 29.34
RMS 25.97
signal [adc counts]

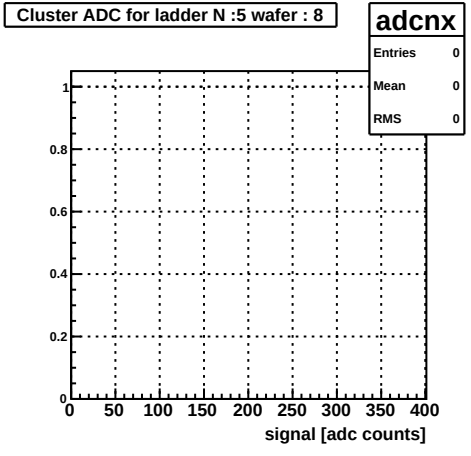

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 443
Mean 37.05
RMS 50.5
signal [adc counts]

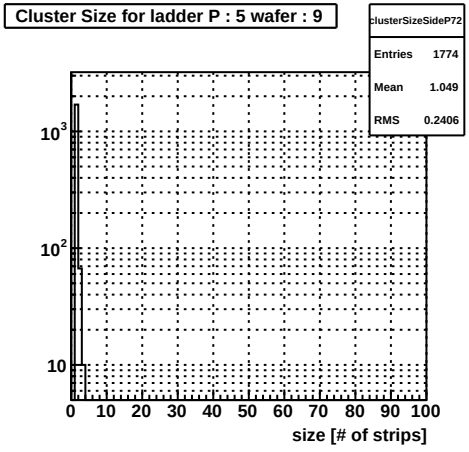

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 7077
Mean 1.043
RMS 0.2267
size [# of strips]

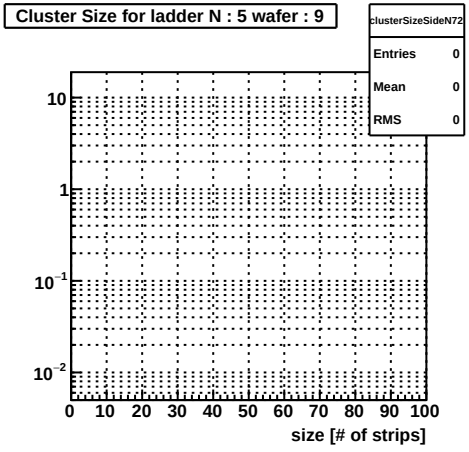

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

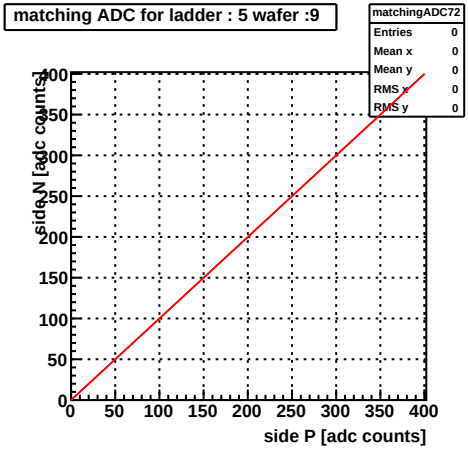

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

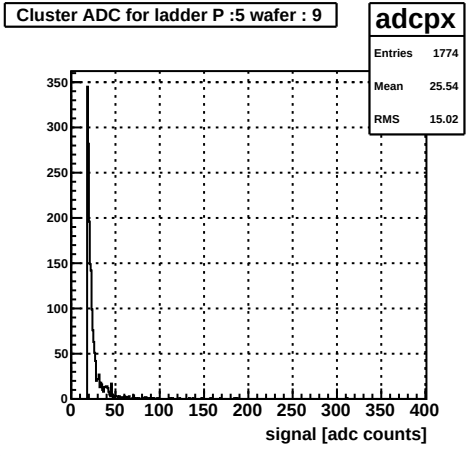

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 7077
Mean 25.09
RMS 16.48
signal [adc counts]

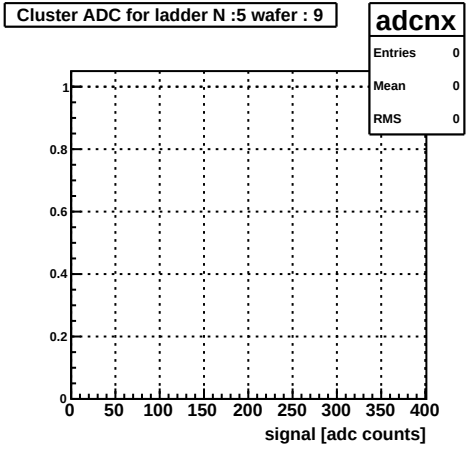

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

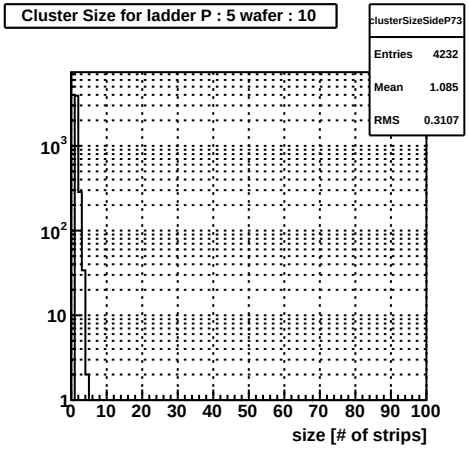

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 1774
Mean 1.049
RMS 0.2406
size [# of strips]

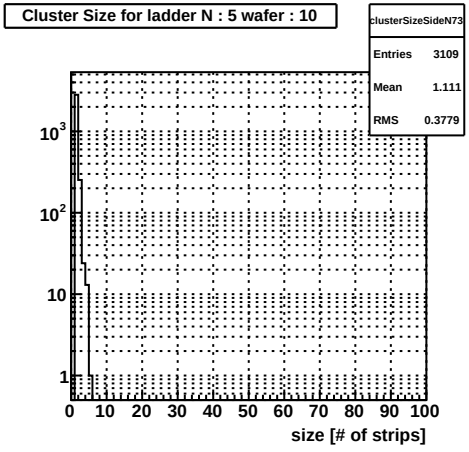

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

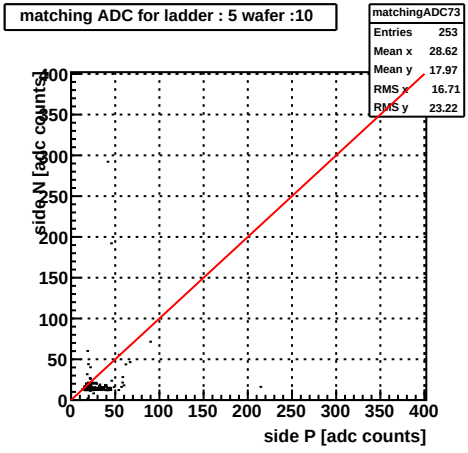

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

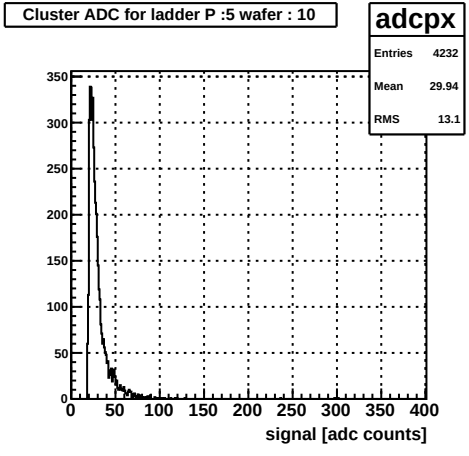

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 1774
Mean 25.54
RMS 15.02
signal [adc counts]

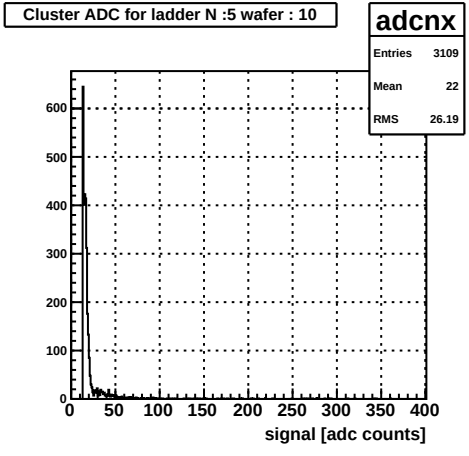

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

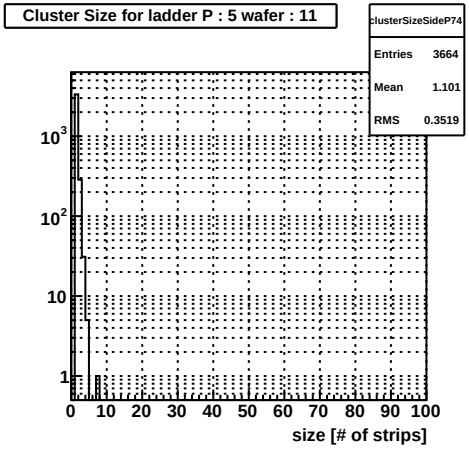

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 4232
Mean 1.085
RMS 0.3107
size [# of strips]

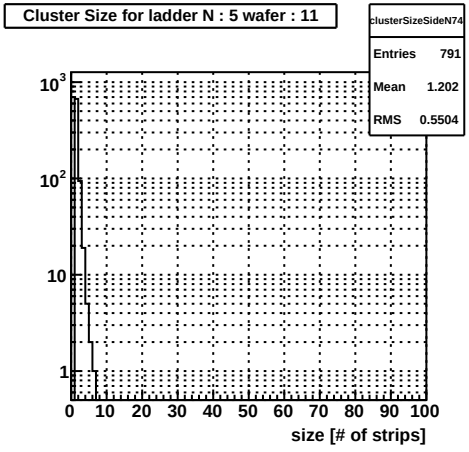

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 3109
Mean 1.111
RMS 0.3779
size [# of strips]

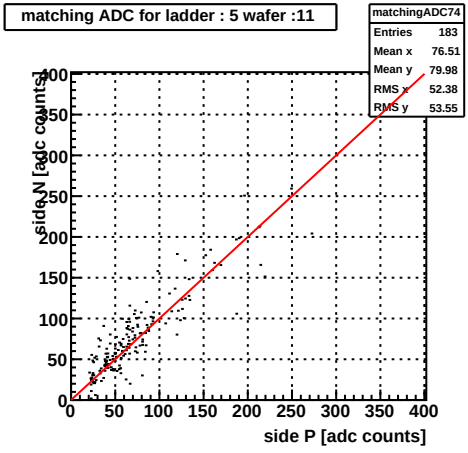

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 253
Mean x 28.62
Mean y 17.97
RMS x 16.71
RMS y 23.22
side N [adc counts]
side P [adc counts]

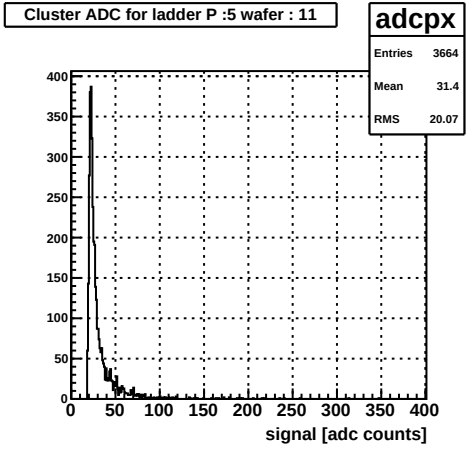

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 4232
Mean 29.94
RMS 13.1
signal [adc counts]

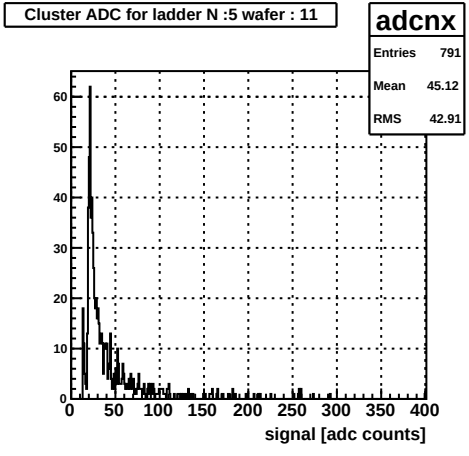

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 3109
Mean 22
RMS 26.19
signal [adc counts]

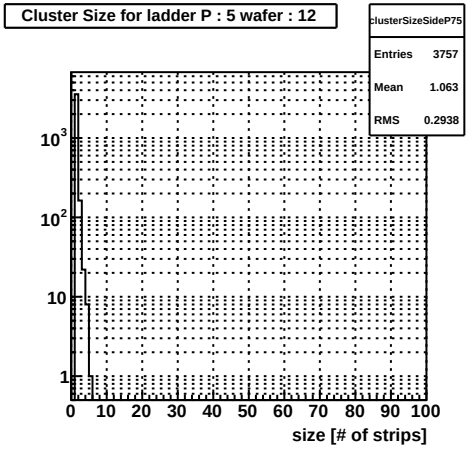

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 3664
Mean 1.101
RMS 0.3519
size [# of strips]

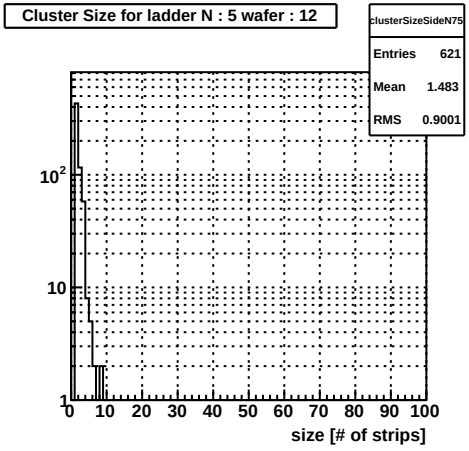

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 791
Mean 1.202
RMS 0.5504
size [# of strips]

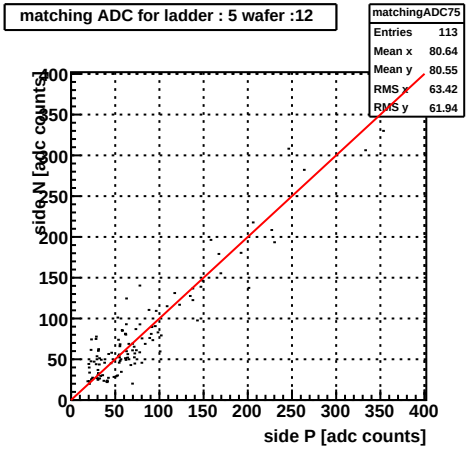

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 183
Mean x 76.51
Mean y 79.98
RMS x 52.38
RMS y 53.55
side N [adc counts]
side P [adc counts]

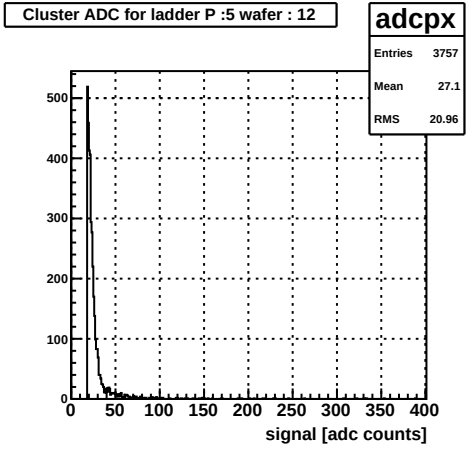

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 3664
Mean 31.4
RMS 20.07
signal [adc counts]

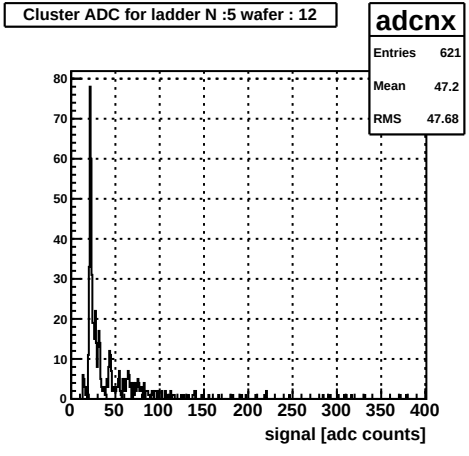

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 791
Mean 45.12
RMS 42.91
signal [adc counts]

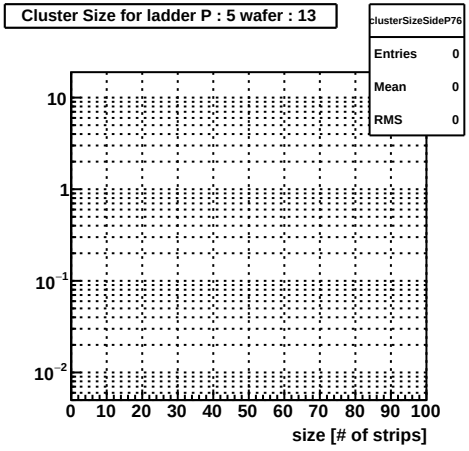

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 3757
Mean 1.063
RMS 0.2938
size [# of strips]

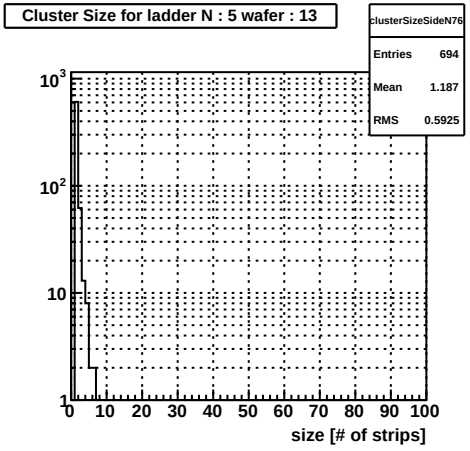

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 621
Mean 1.483
RMS 0.9001
size [# of strips]

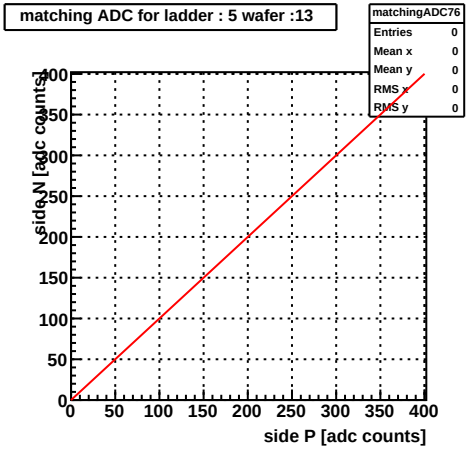

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 113
Mean x 80.64
Mean y 80.55
RMS x 63.42
RMS y 61.94
side N [adc counts]
side P [adc counts]

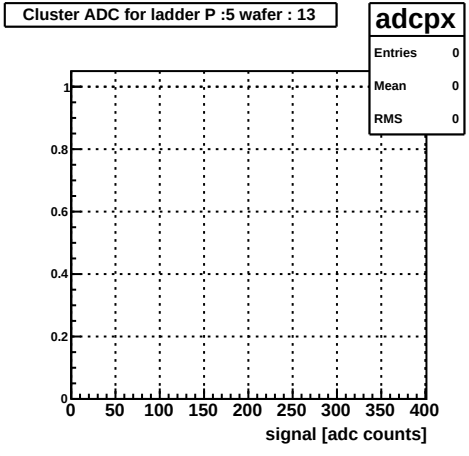

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 3757
Mean 27.1
RMS 20.96
signal [adc counts]

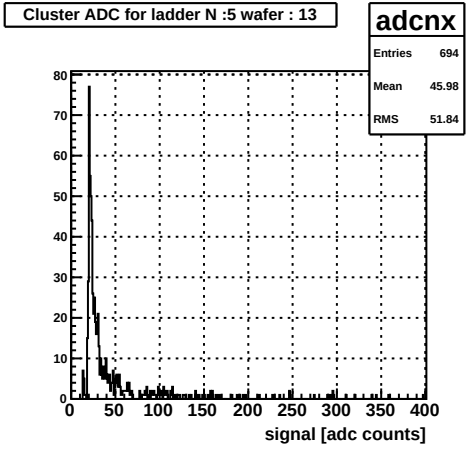

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 621
Mean 47.2
RMS 47.68
signal [adc counts]

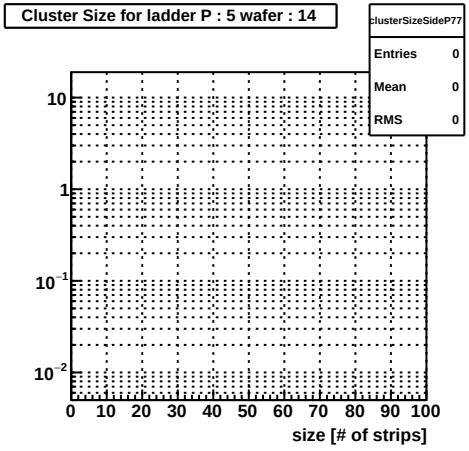

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

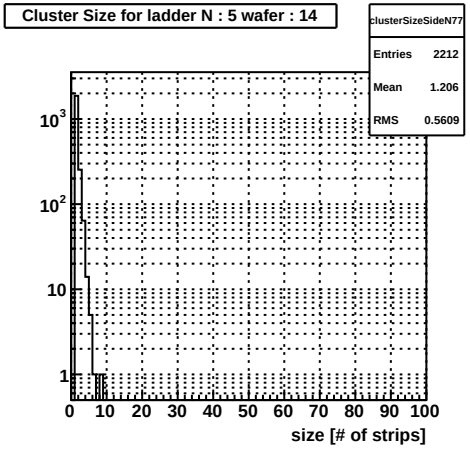

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 694
Mean 1.187
RMS 0.5925
size [# of strips]

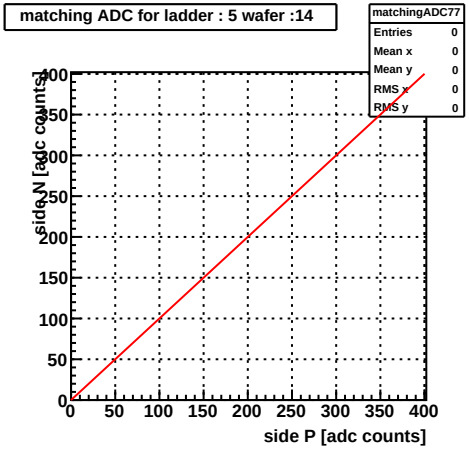

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

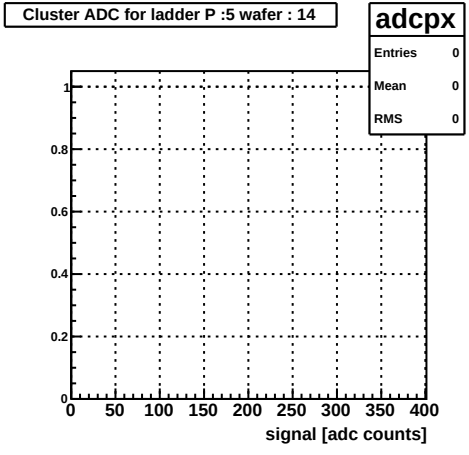

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

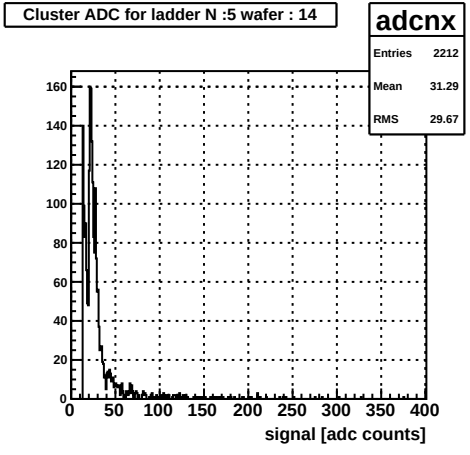

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 694
Mean 45.98
RMS 51.84
signal [adc counts]

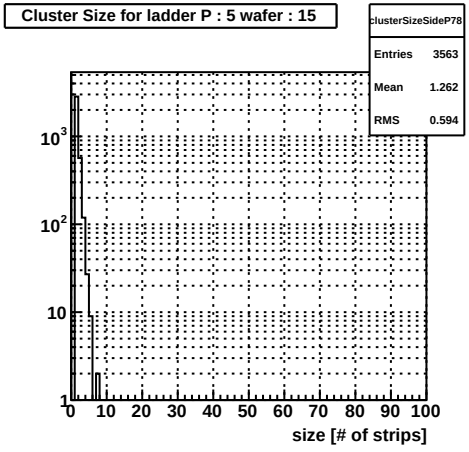

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

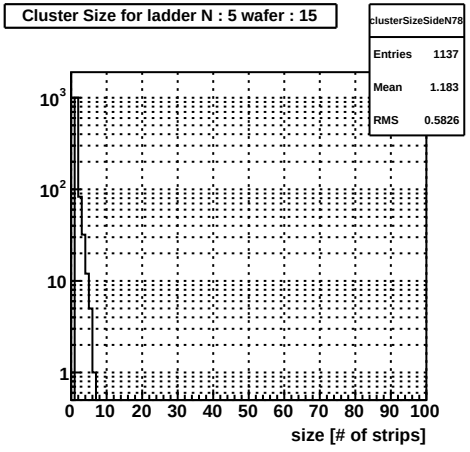

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2212
Mean 1.206
RMS 0.5609
size [# of strips]

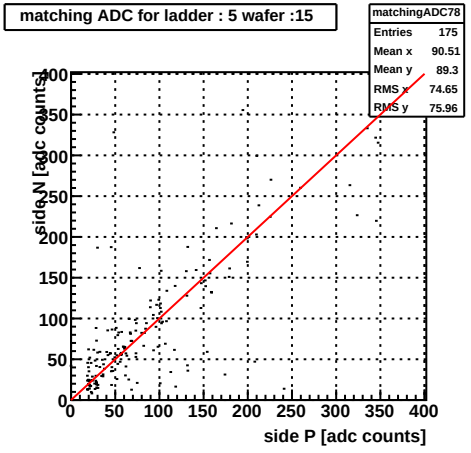

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

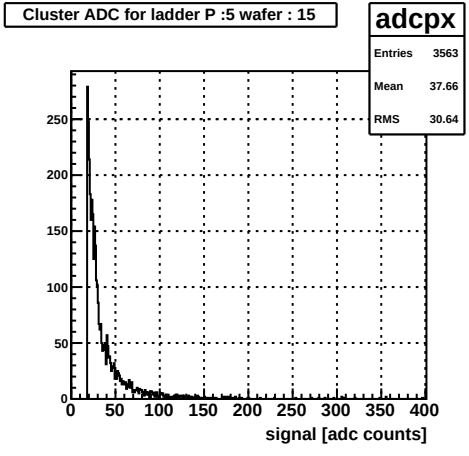

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

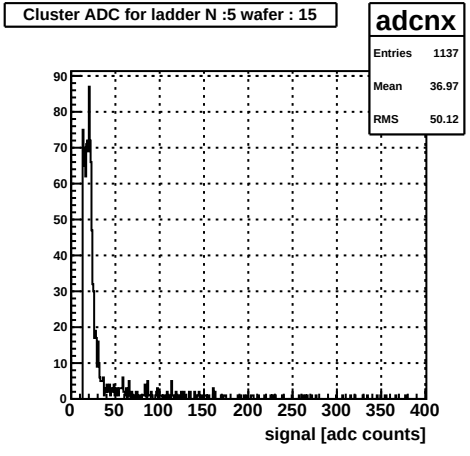

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2212
Mean 31.29
RMS 29.67
signal [adc counts]

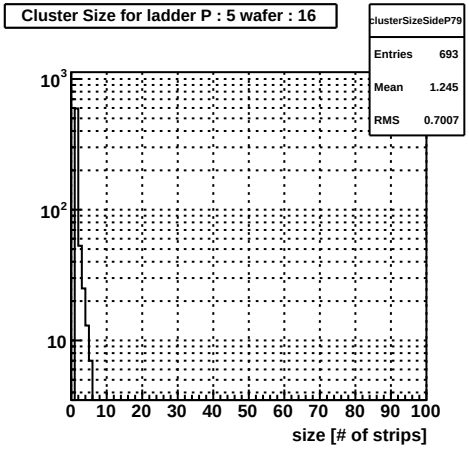

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 3563
Mean 1.262
RMS 0.594
size [# of strips]

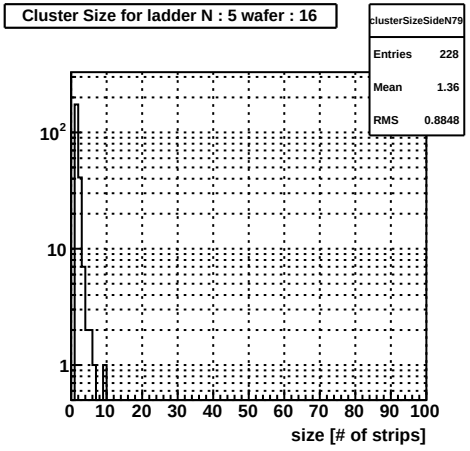

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1137
Mean 1.183
RMS 0.5826
size [# of strips]

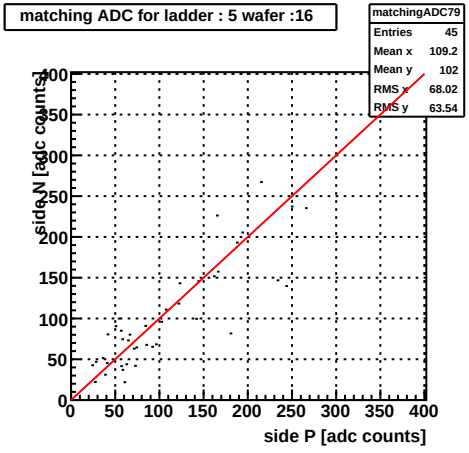

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 175
Mean x 90.51
Mean y 89.3
RMS x 74.65
RMS y 75.96
side N [adc counts]
side P [adc counts]

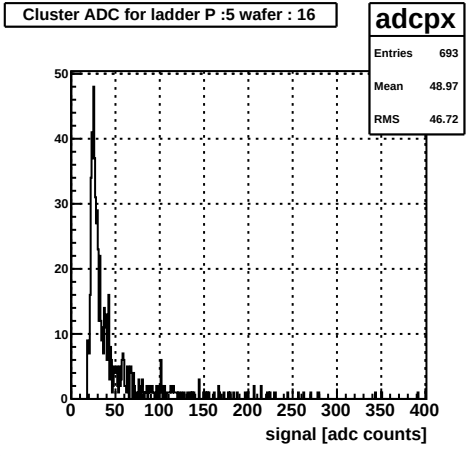

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 3563
Mean 37.66
RMS 30.64
signal [adc counts]

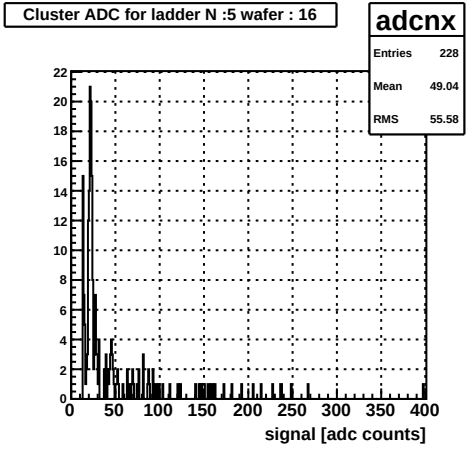

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1137
Mean 36.97
RMS 50.12
signal [adc counts]

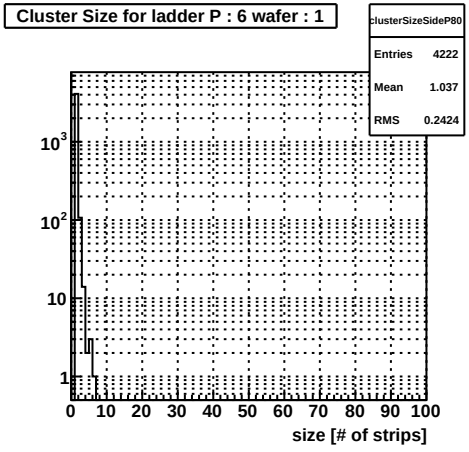

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 693
Mean 1.245
RMS 0.7007
size [# of strips]

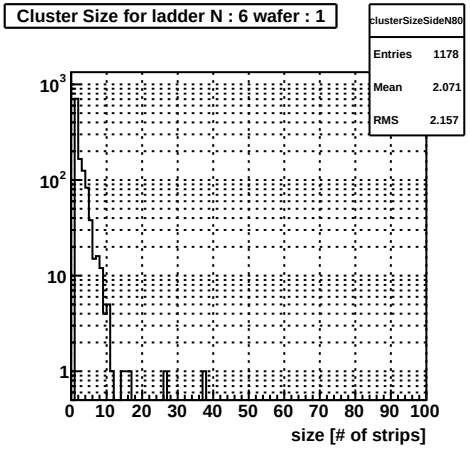

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 228
Mean 1.36
RMS 0.8848
size [# of strips]

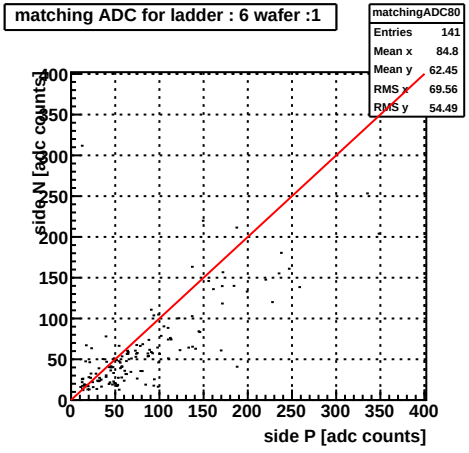

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 45
Mean x 109.2
Mean y 102
RMS x 68.02
RMS y 63.54
side N [adc counts]
side P [adc counts]

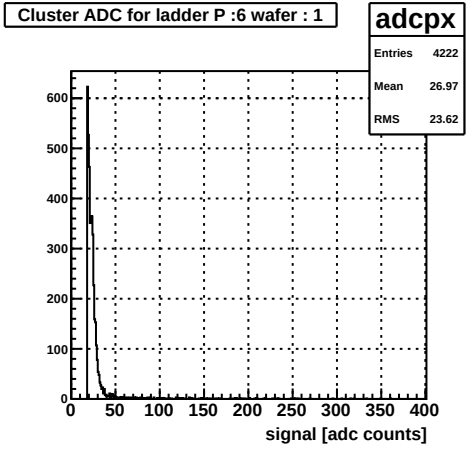

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 693
Mean 48.97
RMS 46.72
signal [adc counts]

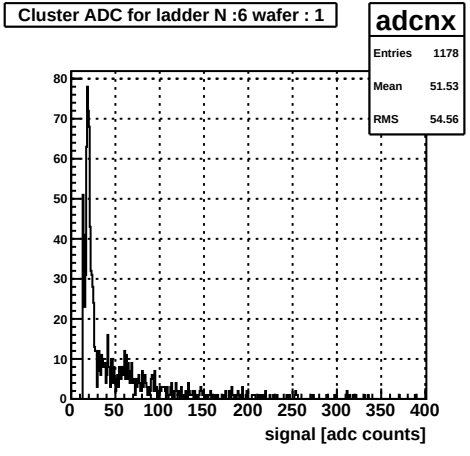

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 228
Mean 49.04
RMS 55.58
signal [adc counts]

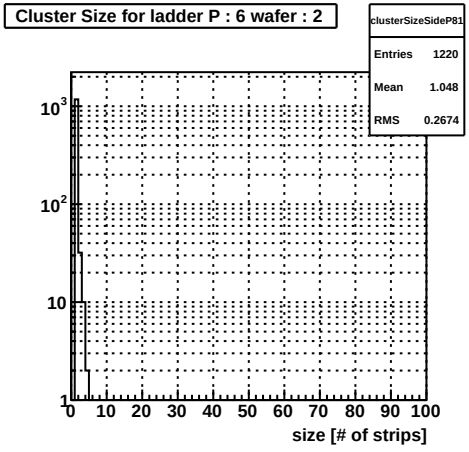

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 4222
Mean 1.037
RMS 0.2424
size [# of strips]

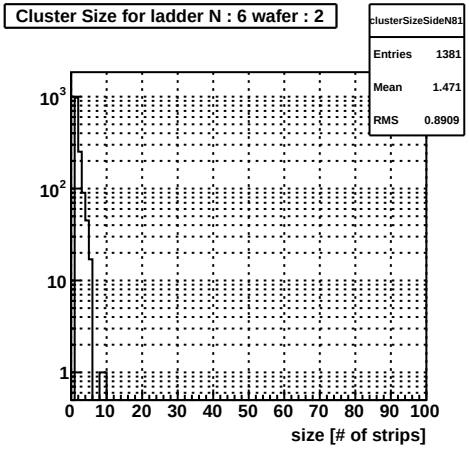

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1178
Mean 2.071
RMS 2.157
size [# of strips]

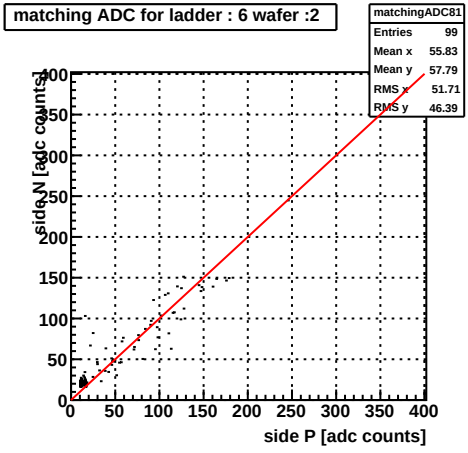

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 141
Mean x 84.8
Mean y 62.45
RMS x 69.56
RMS y 54.49
side N [adc counts]
side P [adc counts]

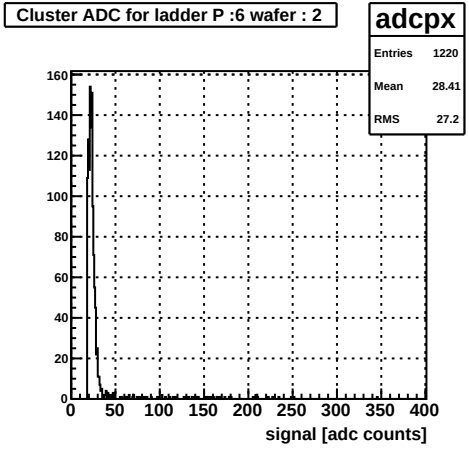

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 4222
Mean 26.97
RMS 23.62
signal [adc counts]

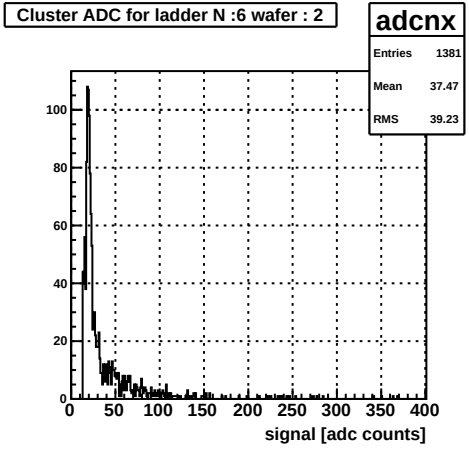

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1178
Mean 51.53
RMS 54.56
signal [adc counts]

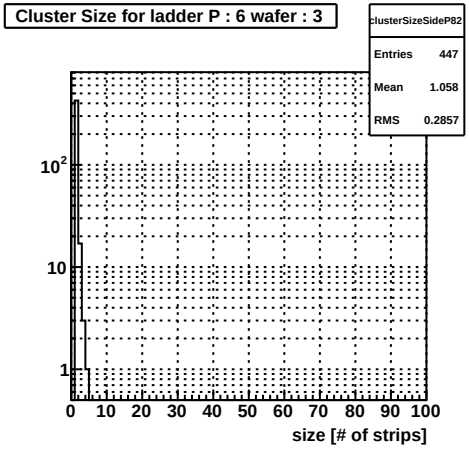

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1220
Mean 1.048
RMS 0.2674
size [# of strips]

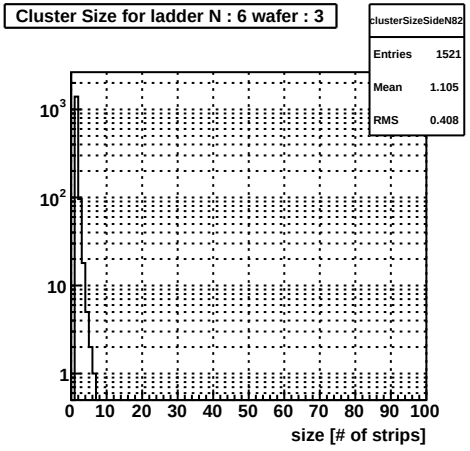

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1381
Mean 1.471
RMS 0.8909
size [# of strips]

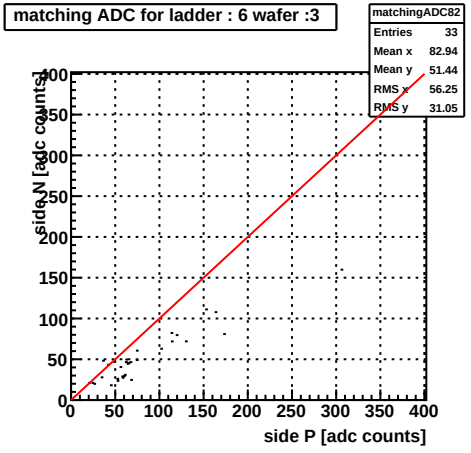

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 99
Mean x 55.83
Mean y 57.79
RMS x 51.71
RMS y 46.39
side N [adc counts]
side P [adc counts]

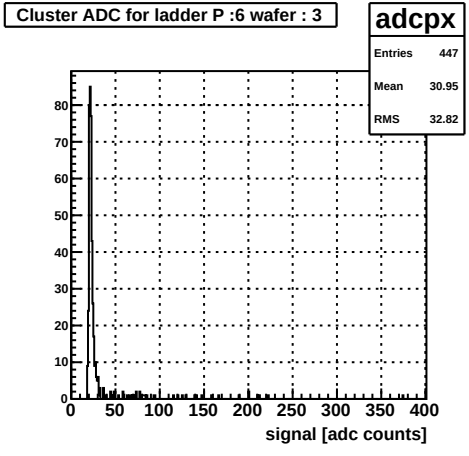

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1220
Mean 28.41
RMS 27.2
signal [adc counts]

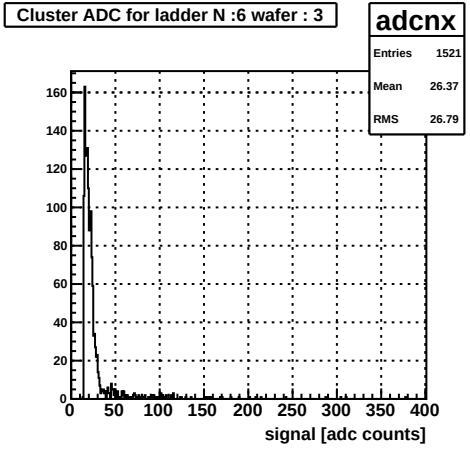

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1381
Mean 37.47
RMS 39.23
signal [adc counts]

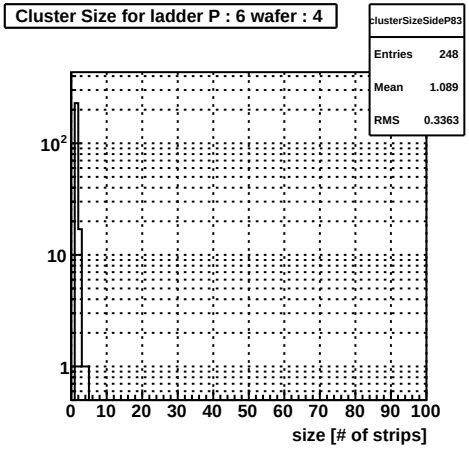

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 447
Mean 1.058
RMS 0.2857
size [# of strips]

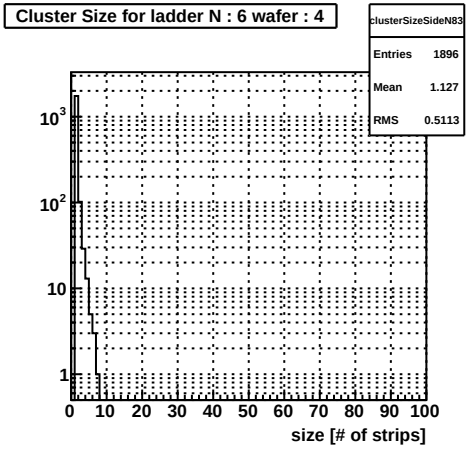

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1521
Mean 1.105
RMS 0.408
size [# of strips]

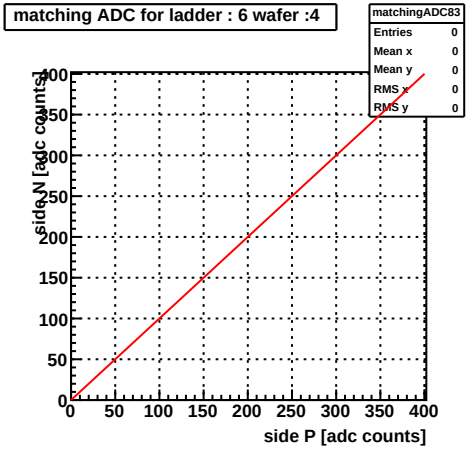

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 33
Mean x 82.94
Mean y 51.44
RMS x 56.25
RMS y 31.05
side N [adc counts]
side P [adc counts]

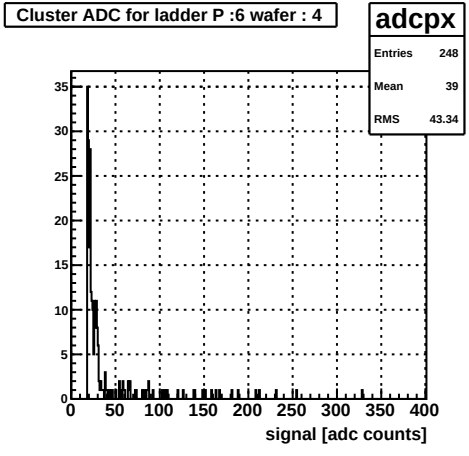

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 447
Mean 30.95
RMS 32.82
signal [adc counts]

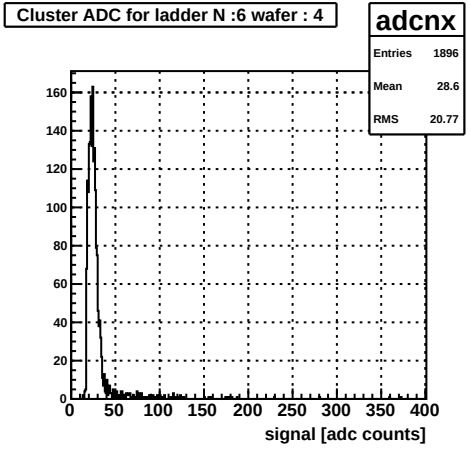

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1521
Mean 26.37
RMS 26.79
signal [adc counts]

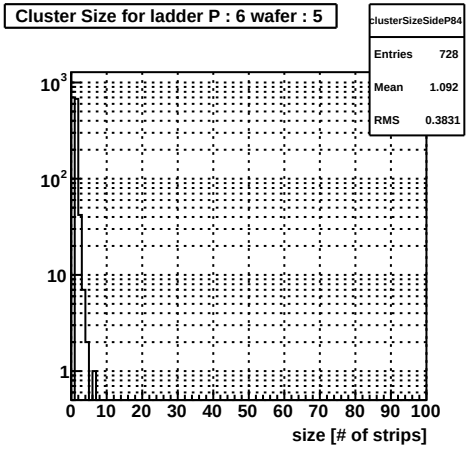

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 248
Mean 1.089
RMS 0.3363
size [# of strips]

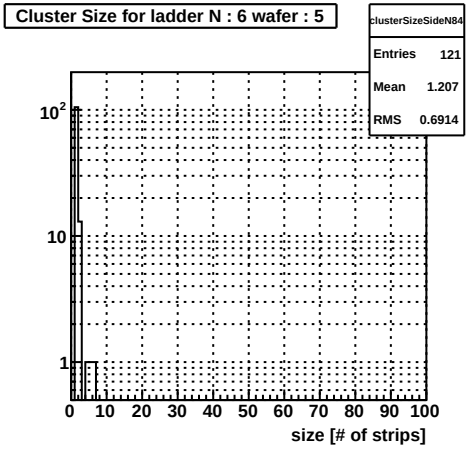

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1896
Mean 1.127
RMS 0.5113
size [# of strips]

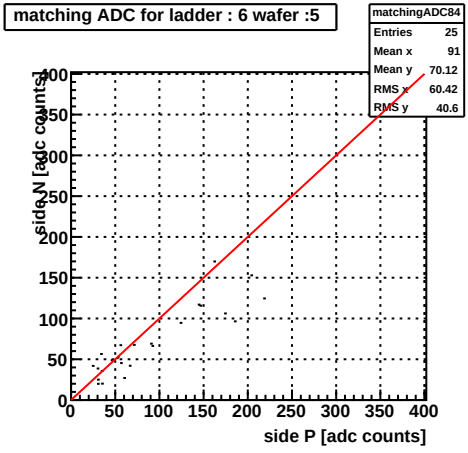

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

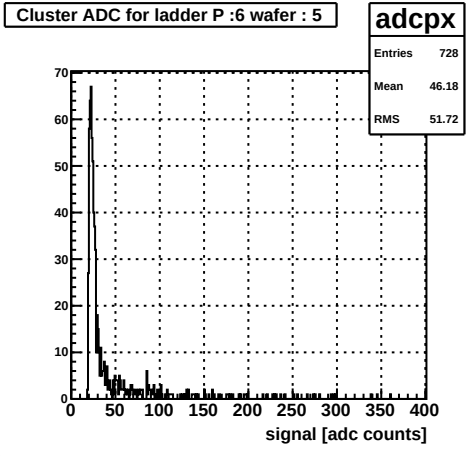

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 248
Mean 39
RMS 43.34
signal [adc counts]

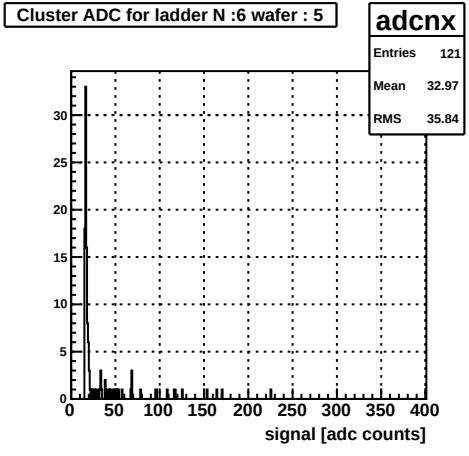

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1896
Mean 28.6
RMS 20.77
signal [adc counts]

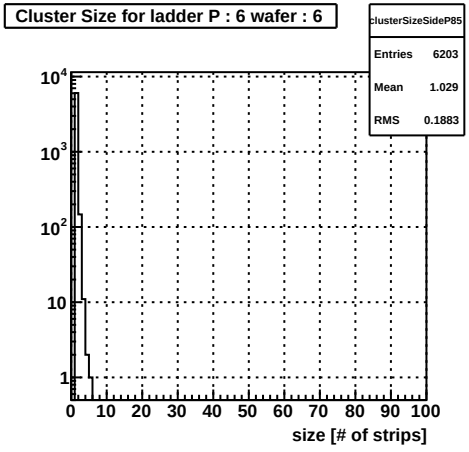

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 728
Mean 1.092
RMS 0.3831
size [# of strips]

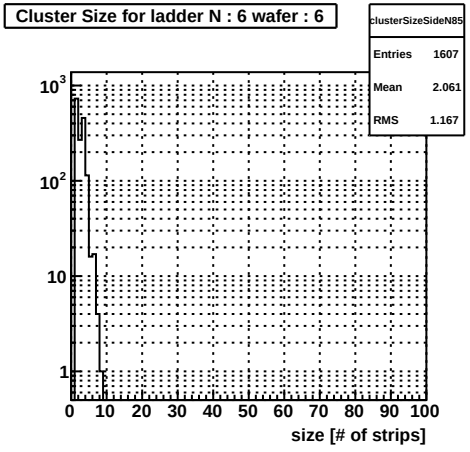

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 121
Mean 1.207
RMS 0.6914
size [# of strips]

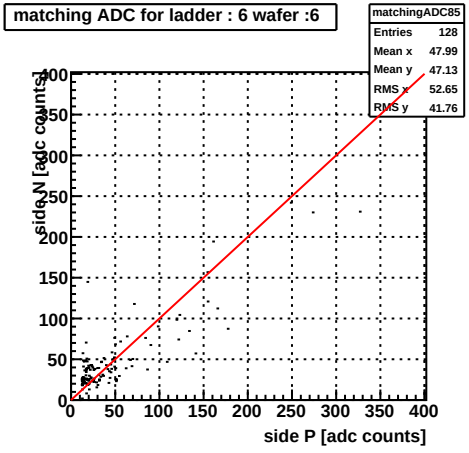

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 25
Mean x 91
Mean y 70.12
RMS x 60.42
RMS y 40.6
side N [adc counts]
side P [adc counts]

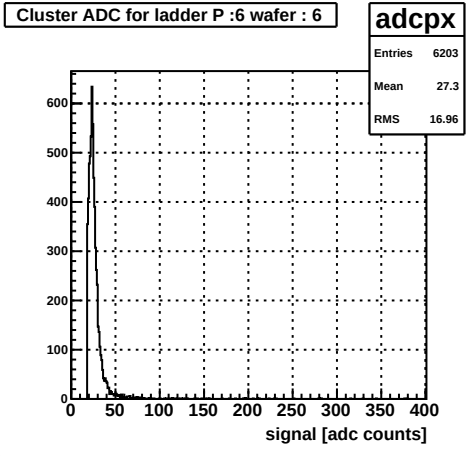

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 728
Mean 46.18
RMS 51.72
signal [adc counts]

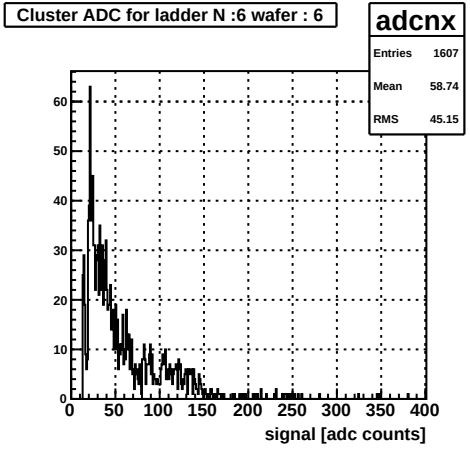

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 121
Mean 32.97
RMS 35.84
signal [adc counts]

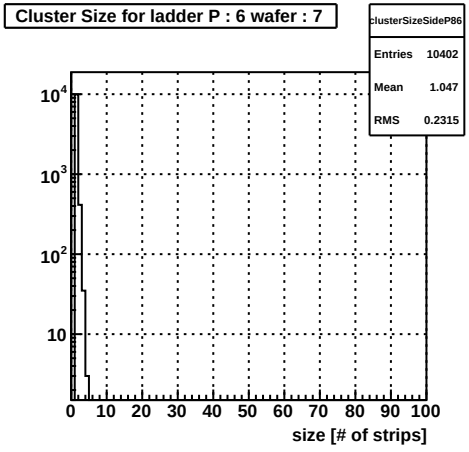

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 6203
Mean 1.029
RMS 0.1883
size [# of strips]

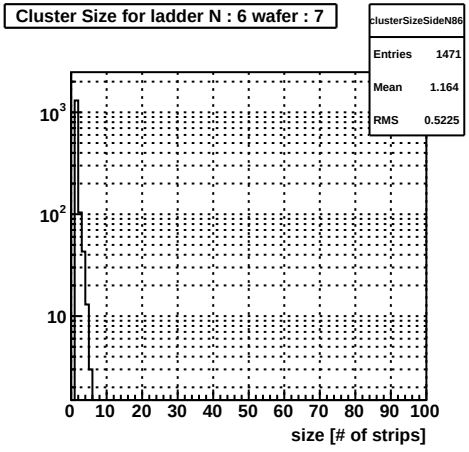

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1607
Mean 2.061
RMS 1.167
size [# of strips]

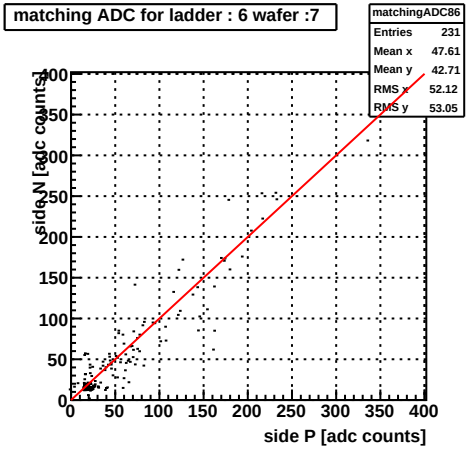

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 128
Mean x 47.99
Mean y 47.13
RMS x 52.65
RMS y 41.76
side N [adc counts]
side P [adc counts]

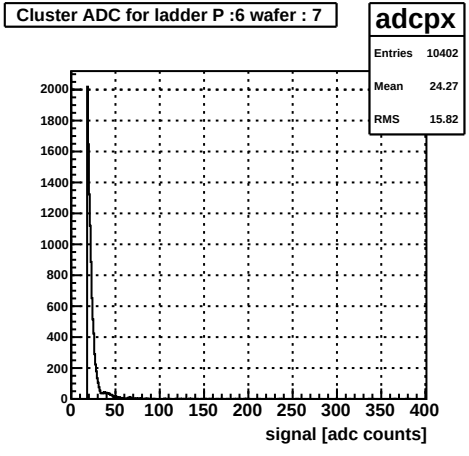

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 6203
Mean 27.3
RMS 16.96
signal [adc counts]

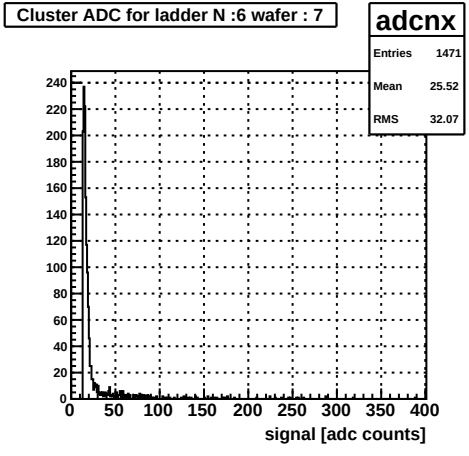

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1607
Mean 58.74
RMS 45.15
signal [adc counts]

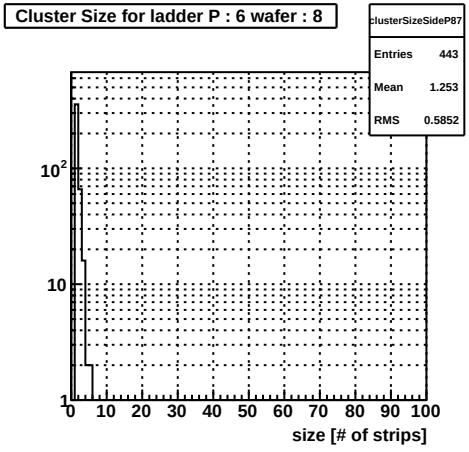

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 10402
Mean 1.047
RMS 0.2315
size [# of strips]

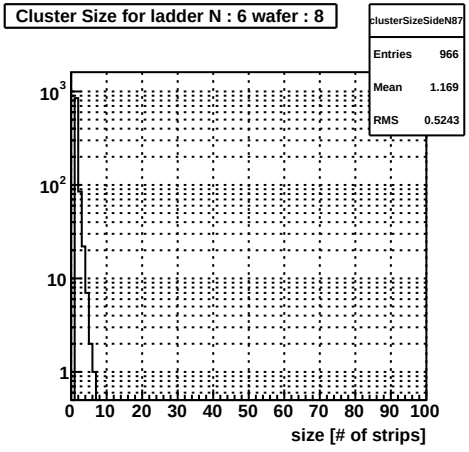

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 1471
Mean 1.164
RMS 0.5225
size [# of strips]

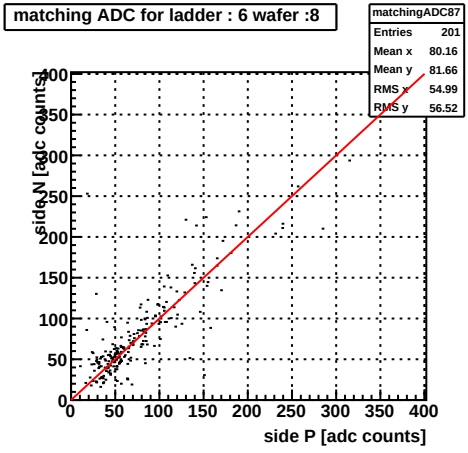

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 231
Mean x 47.61
Mean y 42.71
RMS x 52.12
RMS y 53.05
side N [adc counts]
side P [adc counts]

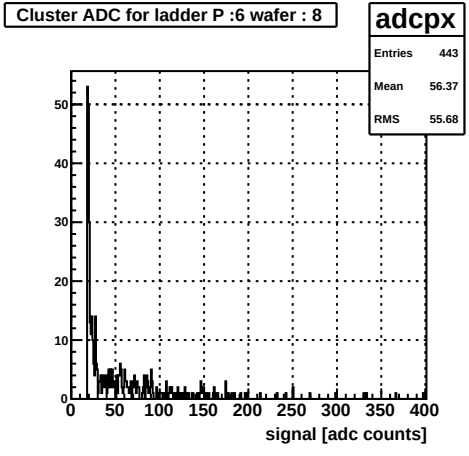

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 10402
Mean 24.27
RMS 15.82
signal [adc counts]

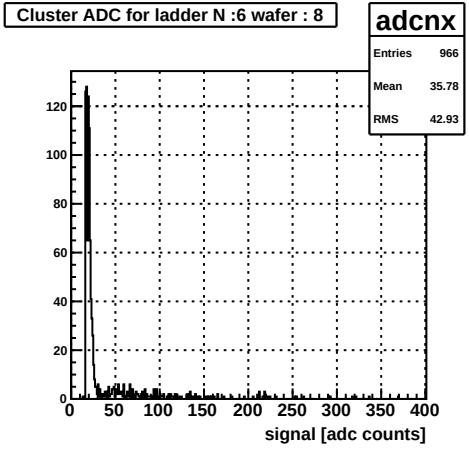

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 1471
Mean 25.52
RMS 32.07
signal [adc counts]

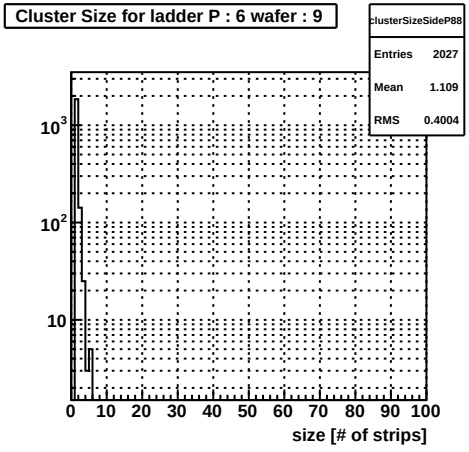

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 443
Mean 1.253
RMS 0.5852
size [# of strips]

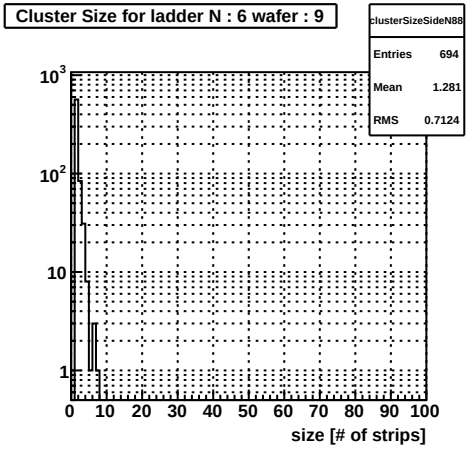

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 966
Mean 1.169
RMS 0.5243
size [# of strips]

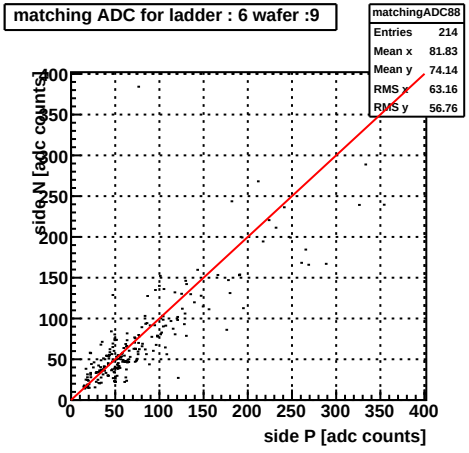

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 201
Mean x 80.16
Mean y 81.66
RMS x 54.99
RMS y 56.52
side N [adc counts]
side P [adc counts]

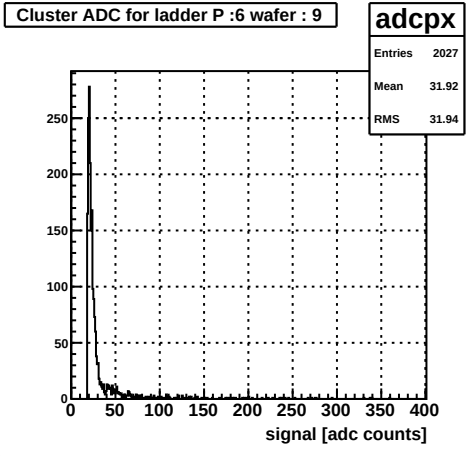

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 443
Mean 56.37
RMS 55.68
signal [adc counts]

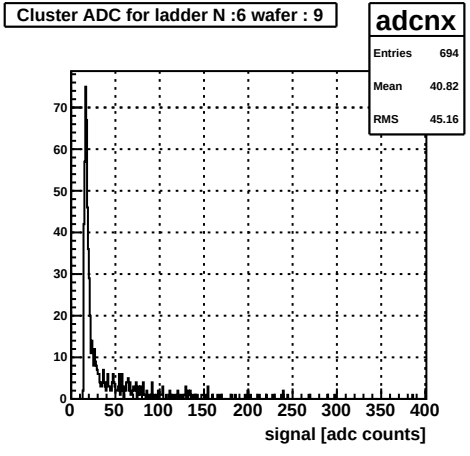

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 966
Mean 35.78
RMS 42.93
signal [adc counts]

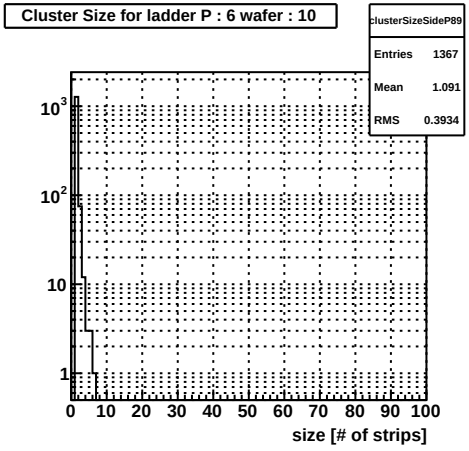

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 2027
Mean 1.109
RMS 0.4004
size [# of strips]

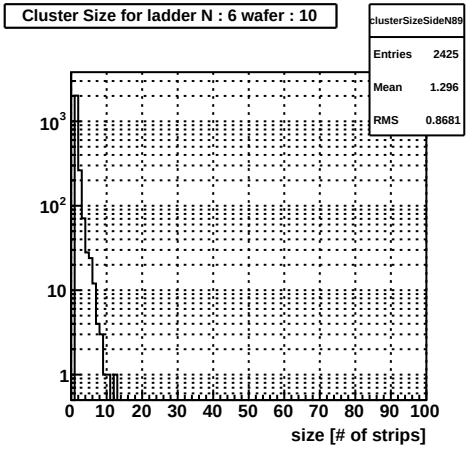

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 694
Mean 1.281
RMS 0.7124
size [# of strips]

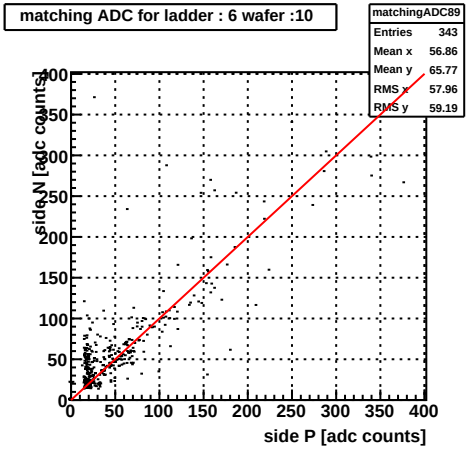

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 214
Mean x 81.83
Mean y 74.14
RMS x 63.16
RMS y 56.76
side N [adc counts]
side P [adc counts]

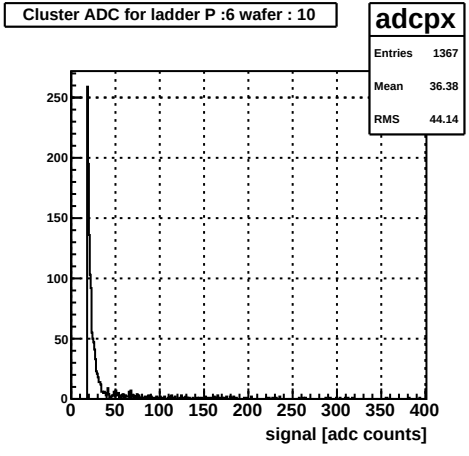

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 2027
Mean 31.92
RMS 31.94
signal [adc counts]

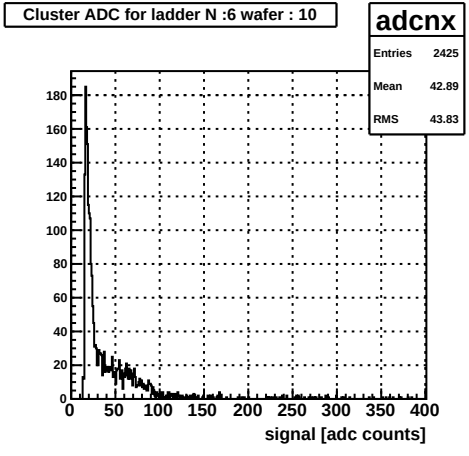

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 694
Mean 40.82
RMS 45.16
signal [adc counts]

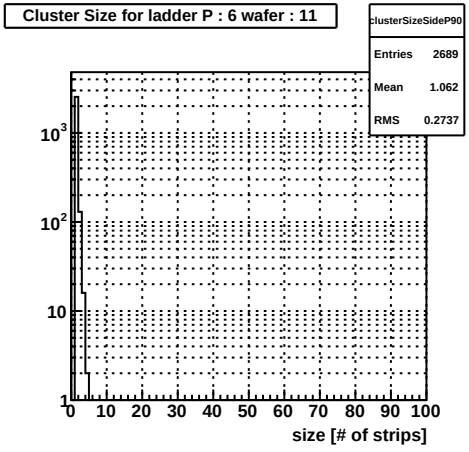

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 1367
Mean 1.091
RMS 0.3934
size [# of strips]

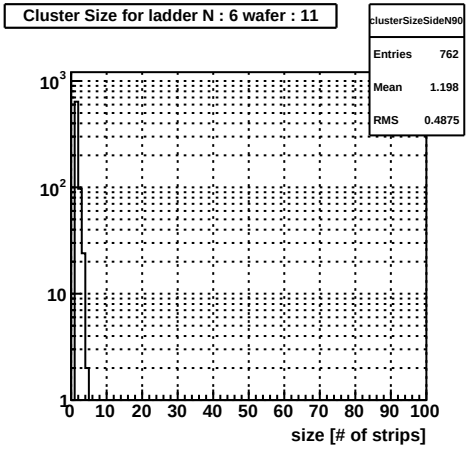

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 2425
Mean 1.296
RMS 0.8681
size [# of strips]

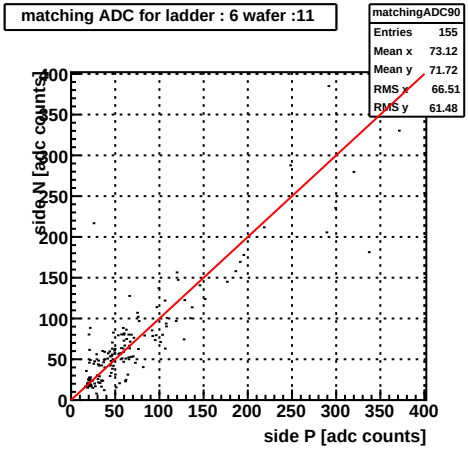

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 343
Mean x 56.86
Mean y 65.77
RMS x 57.96
RMS y 59.19
side N [adc counts]
side P [adc counts]

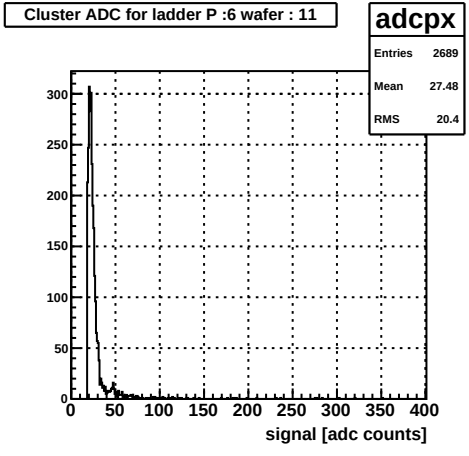

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 1367
Mean 36.38
RMS 44.14
signal [adc counts]

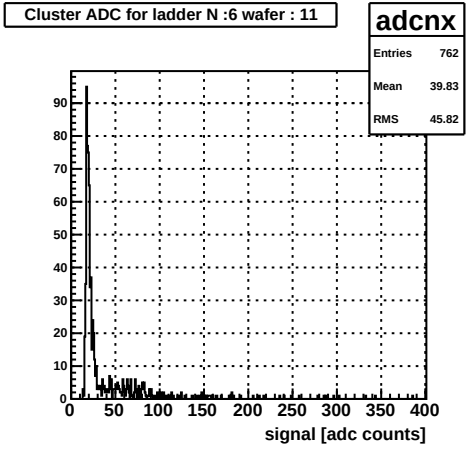

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 2425
Mean 42.89
RMS 43.83
signal [adc counts]

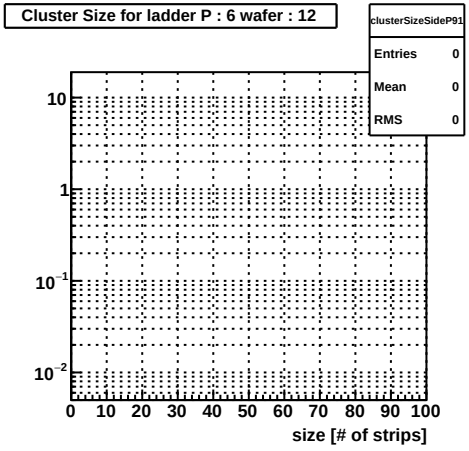

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 2689
Mean 1.062
RMS 0.2737
size [# of strips]

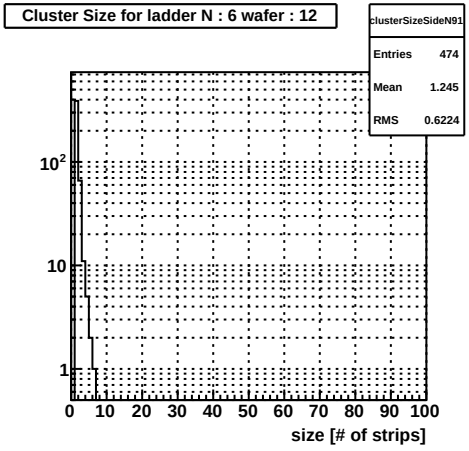

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 762
Mean 1.198
RMS 0.4875
size [# of strips]

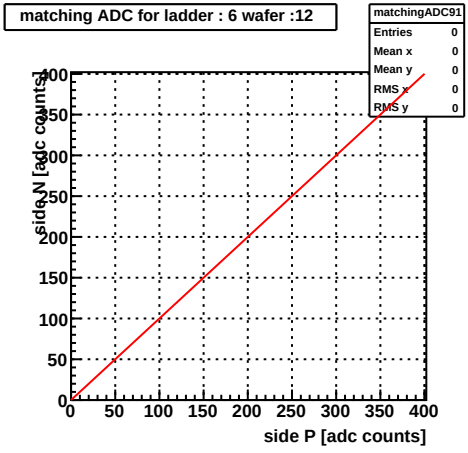

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 155
Mean x 73.12
Mean y 71.72
RMS x 66.51
RMS y 61.48
side N [adc counts]
side P [adc counts]

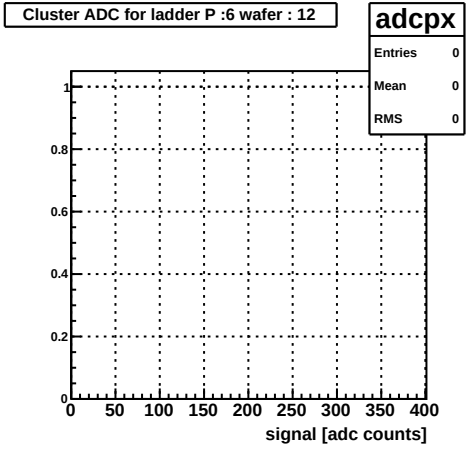

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 2689
Mean 27.48
RMS 20.4
signal [adc counts]

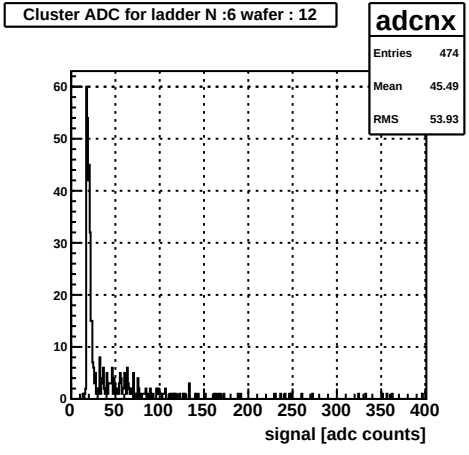

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 762
Mean 39.83
RMS 45.82
signal [adc counts]

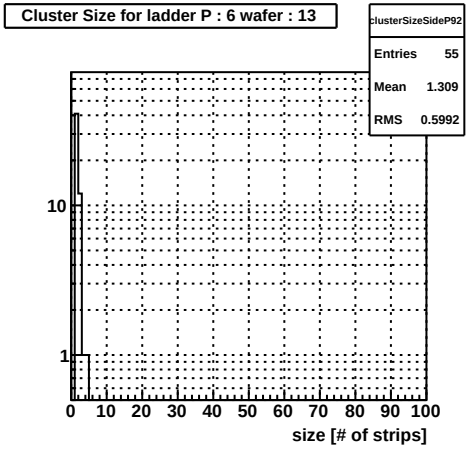

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

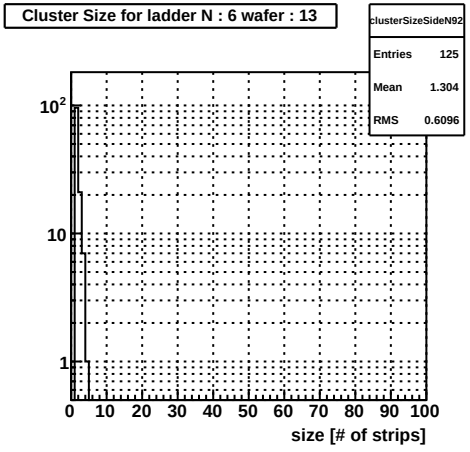

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 474
Mean 1.245
RMS 0.6224
size [# of strips]

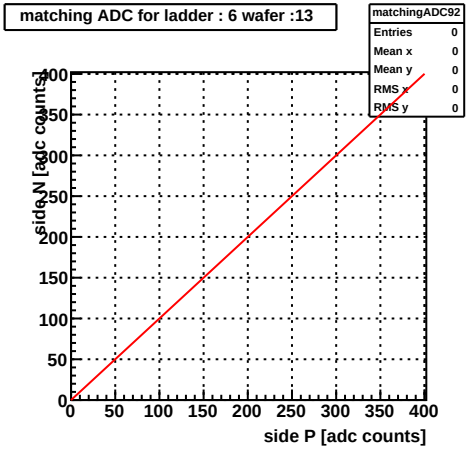

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

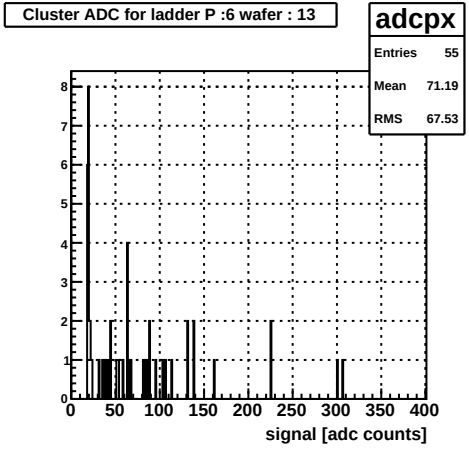

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

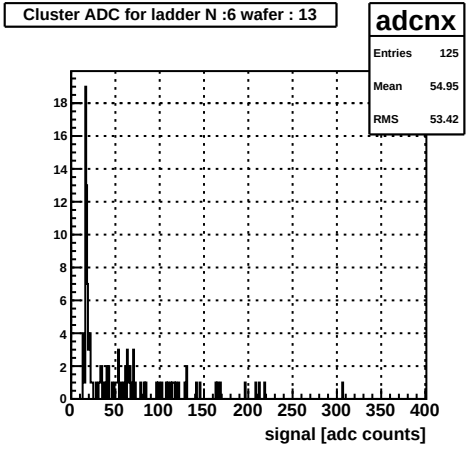

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 474
Mean 45.49
RMS 53.93
signal [adc counts]

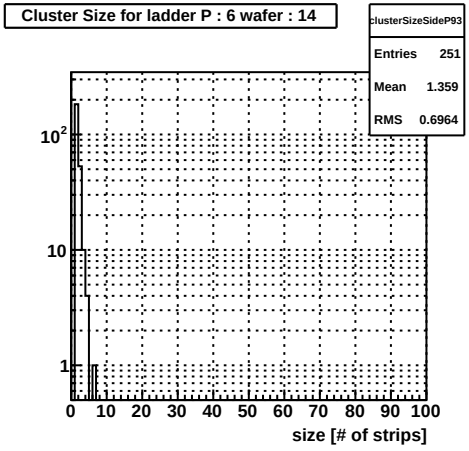

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 55
Mean 1.309
RMS 0.5992
size [# of strips]

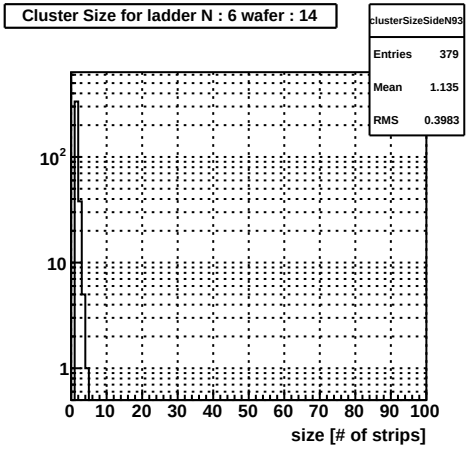

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 125
Mean 1.304
RMS 0.6096
size [# of strips]

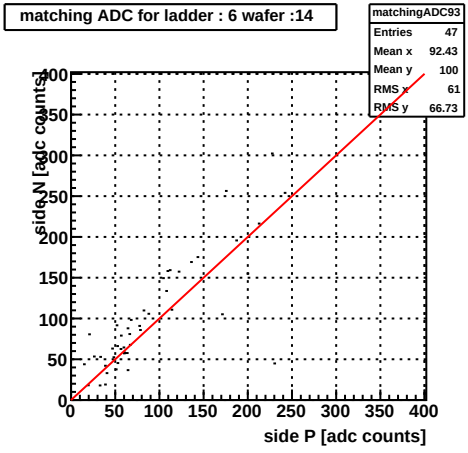

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

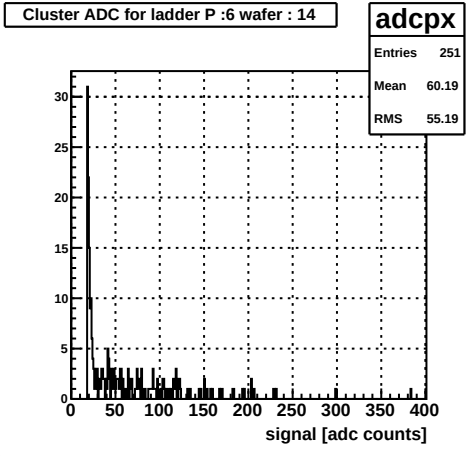

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 55
Mean 71.19
RMS 67.53
signal [adc counts]

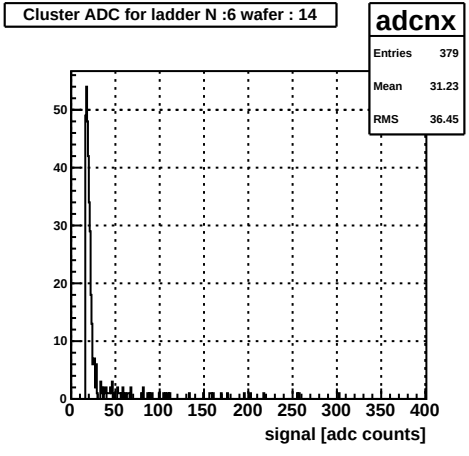

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 125
Mean 54.95
RMS 53.42
signal [adc counts]

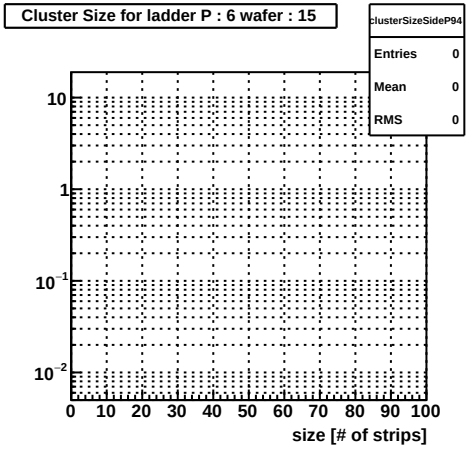

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 251
Mean 1.359
RMS 0.6964
size [# of strips]

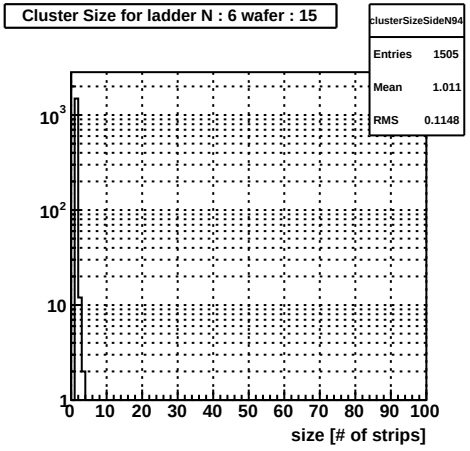

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 379
Mean 1.135
RMS 0.3983
size [# of strips]

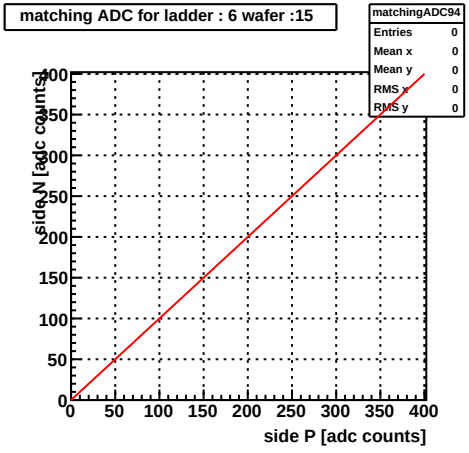

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 47
Mean x 92.43
Mean y 100
RMS x 61
RMS y 66.73
side N [adc counts]
side P [adc counts]

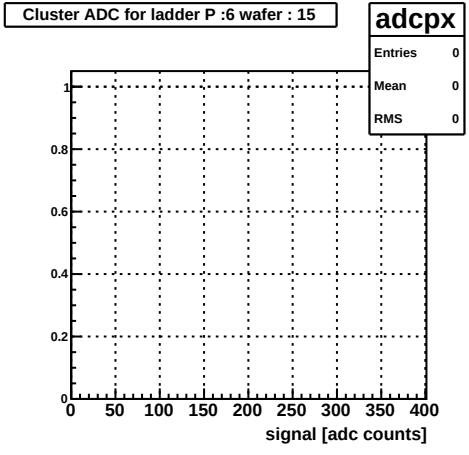

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 251
Mean 60.19
RMS 55.19
signal [adc counts]

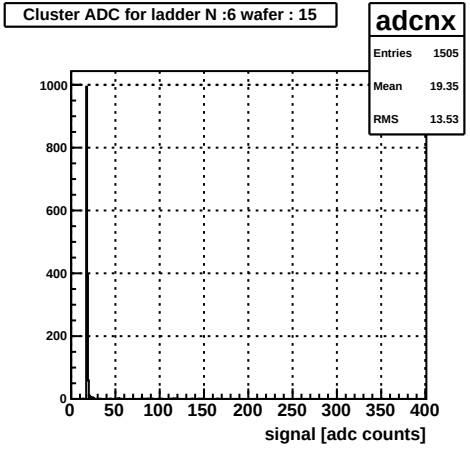

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 379
Mean 31.23
RMS 36.45
signal [adc counts]

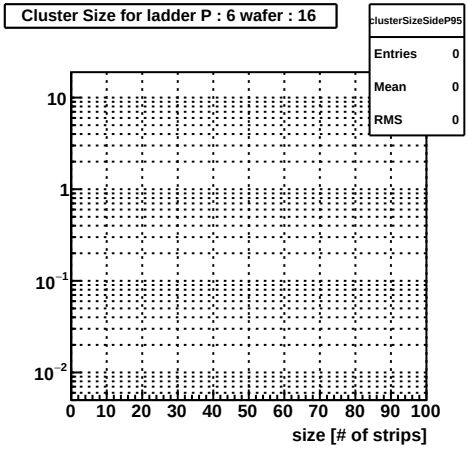

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

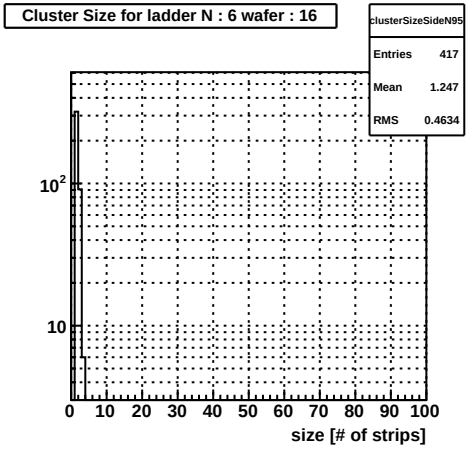

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 1505
Mean 1.011
RMS 0.1148
size [# of strips]

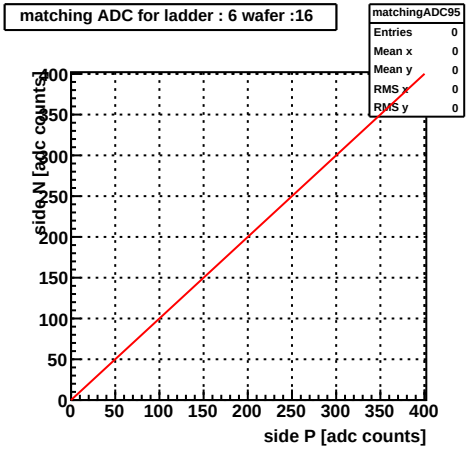

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

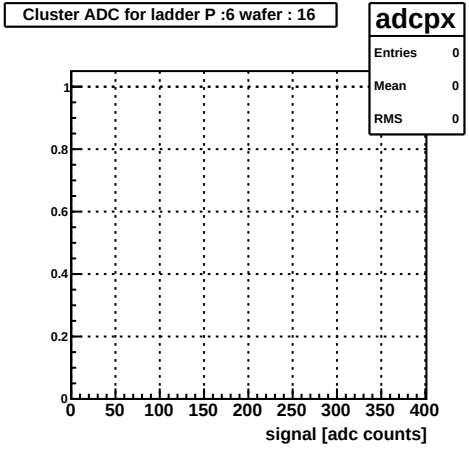

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

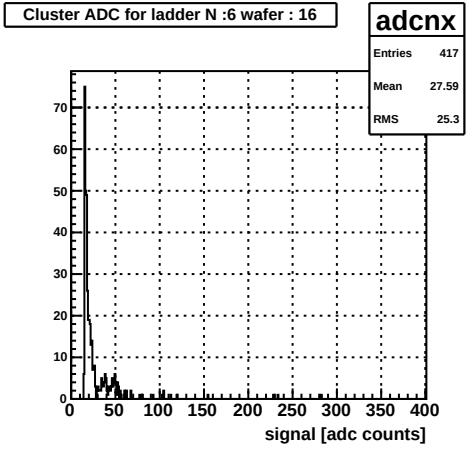

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 1505
Mean 19.35
RMS 13.53
signal [adc counts]

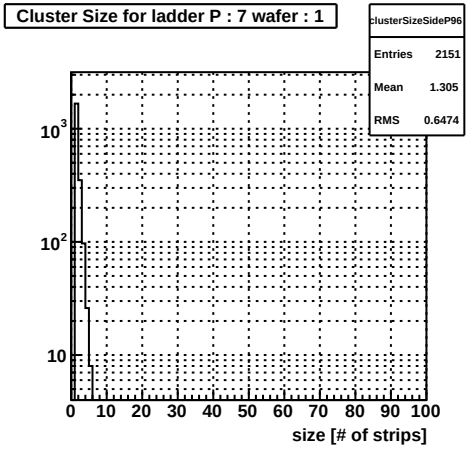

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

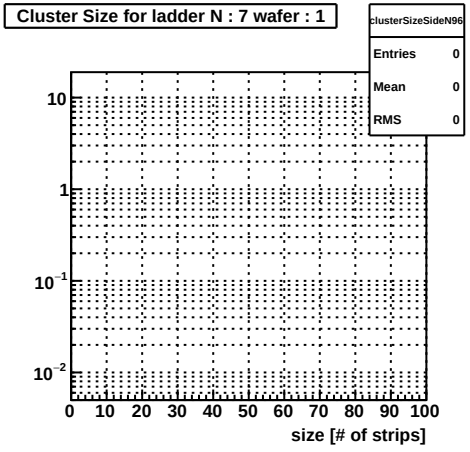

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 417
Mean 1.247
RMS 0.4634
size [# of strips]

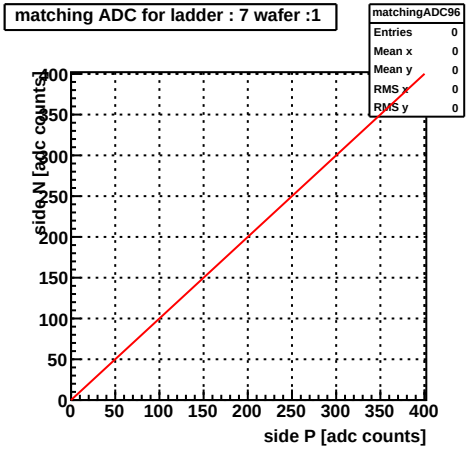

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

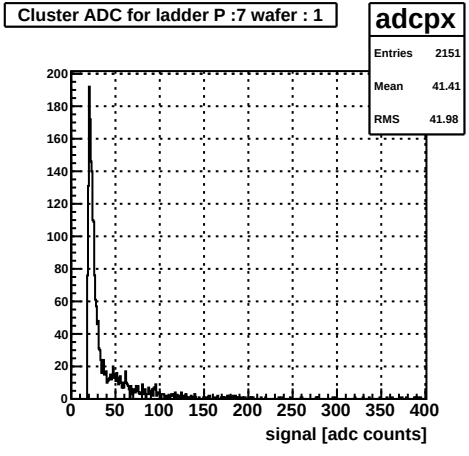

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

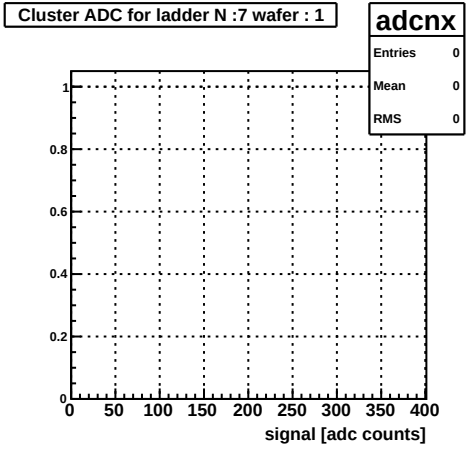

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 417
Mean 27.59
RMS 25.3
signal [adc counts]

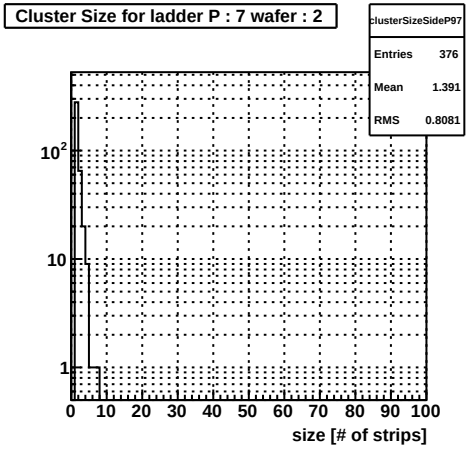

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 2151
Mean 1.305
RMS 0.6474
size [# of strips]

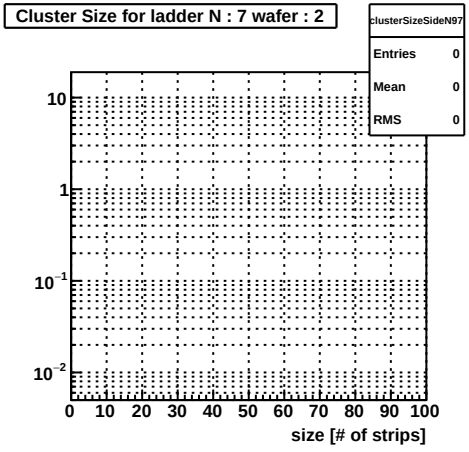

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

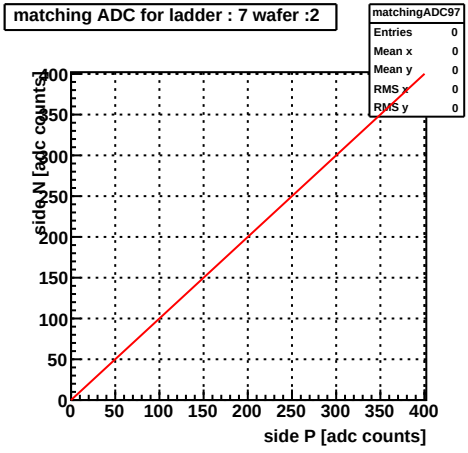

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

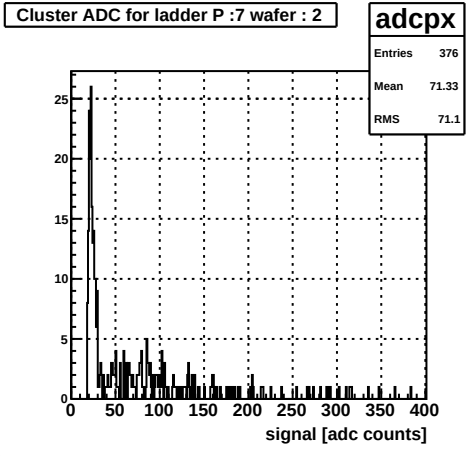

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 2151
Mean 41.41
RMS 41.98
signal [adc counts]

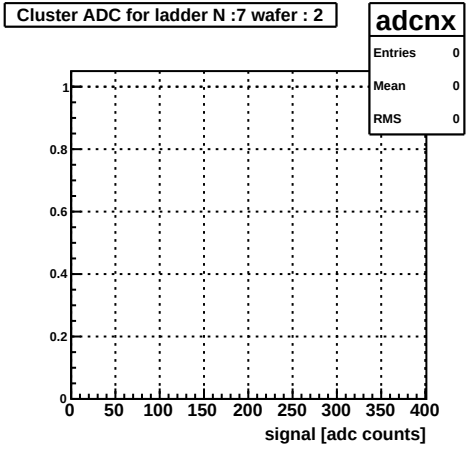

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

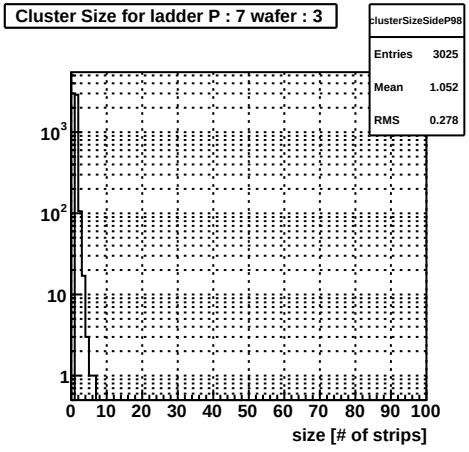

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 376
Mean 1.391
RMS 0.8081
size [# of strips]

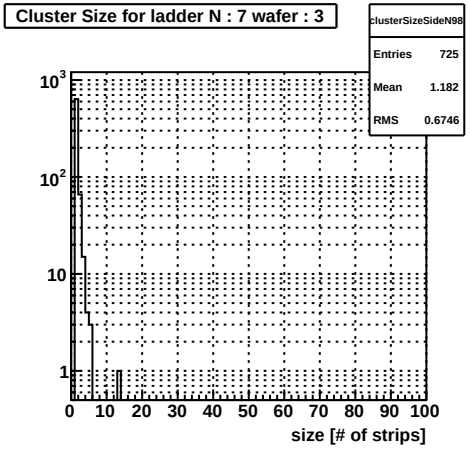

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

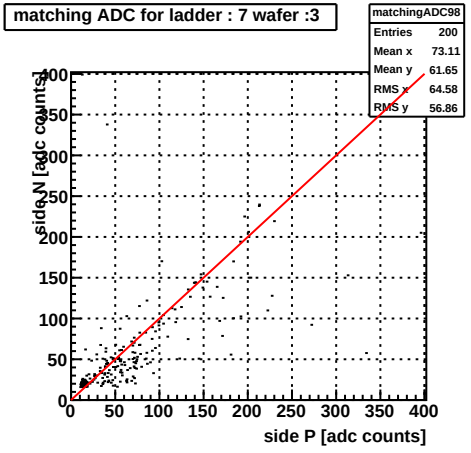

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

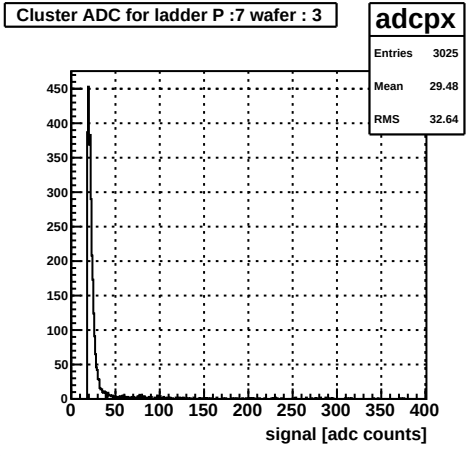

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 376
Mean 71.33
RMS 71.1
signal [adc counts]

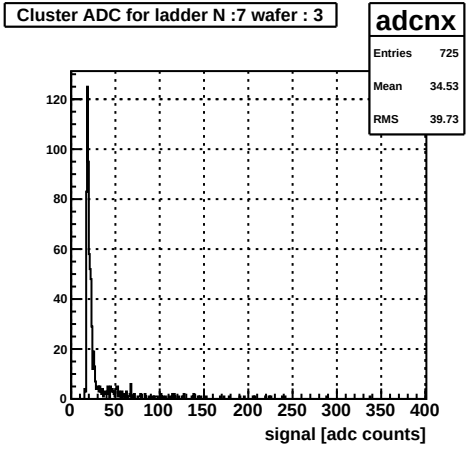

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

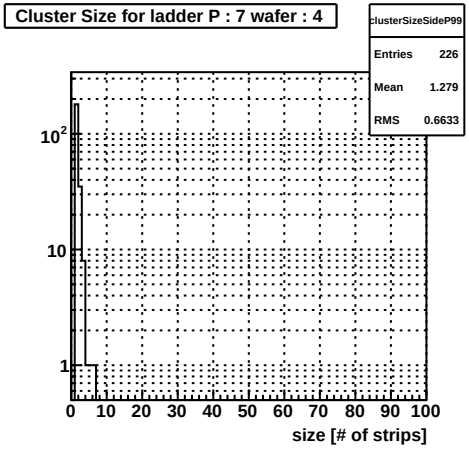

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 3025
Mean 1.052
RMS 0.278
size [# of strips]

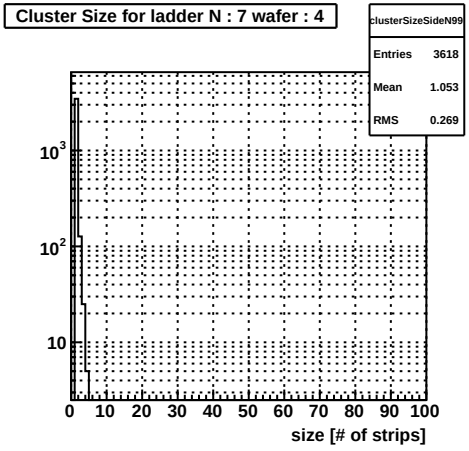

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 725
Mean 1.182
RMS 0.6746
size [# of strips]

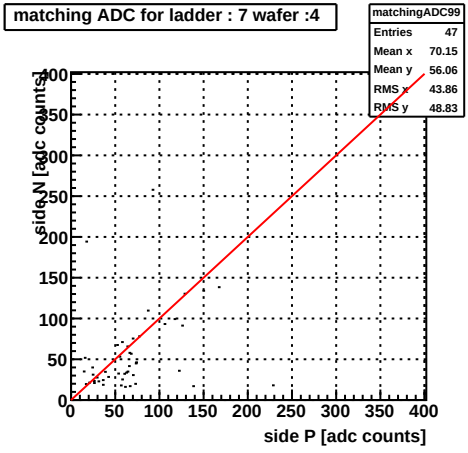

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 200
Mean x 73.11
Mean y 61.65
RMS x 64.58
RMS y 56.86
side N [adc counts]
side P [adc counts]

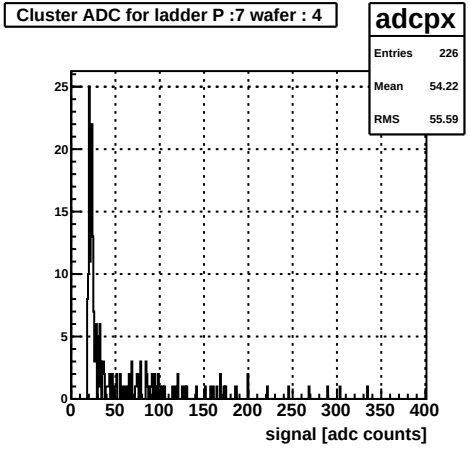

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 3025
Mean 29.48
RMS 32.64
signal [adc counts]

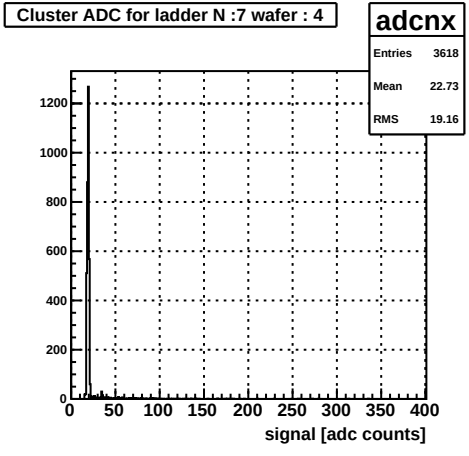

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 725
Mean 34.53
RMS 39.73
signal [adc counts]

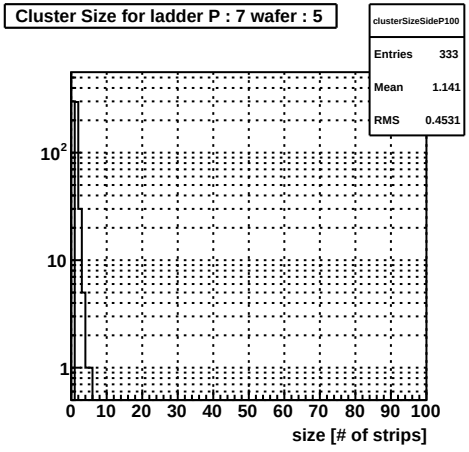

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 226
Mean 1.279
RMS 0.6633
size [# of strips]

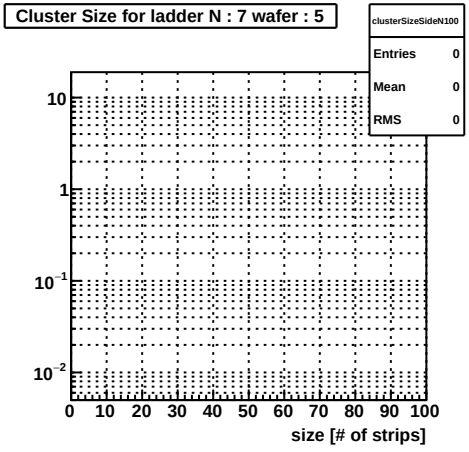

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 3618
Mean 1.053
RMS 0.269
size [# of strips]

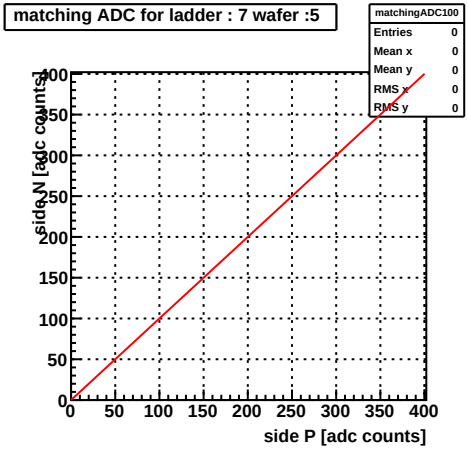

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 47
Mean x 70.15
Mean y 56.06
RMS x 43.86
RMS y 48.83
side N [adc counts]
side P [adc counts]

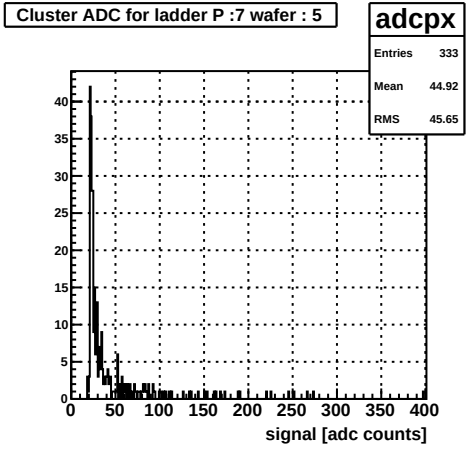

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 226
Mean 54.22
RMS 55.59
signal [adc counts]

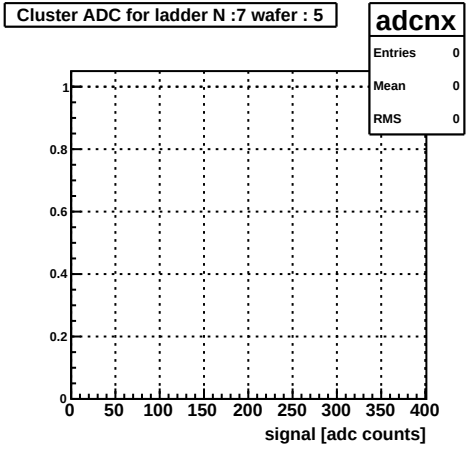

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 3618
Mean 22.73
RMS 19.16
signal [adc counts]

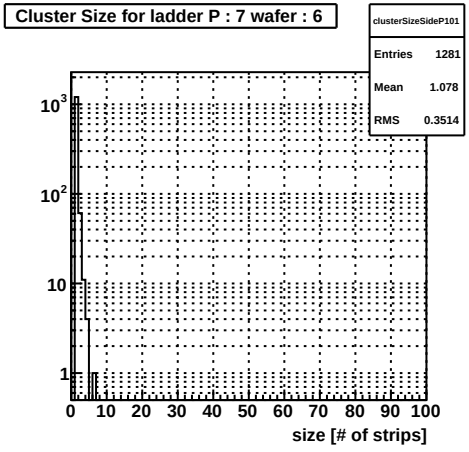

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 333
Mean 1.141
RMS 0.4531
size [# of strips]

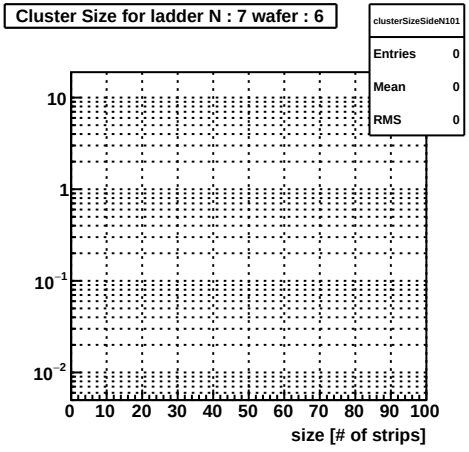

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

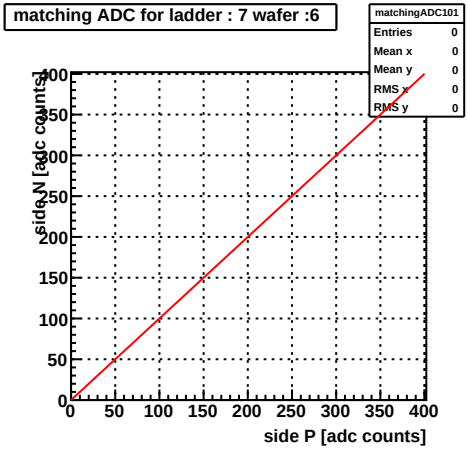

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

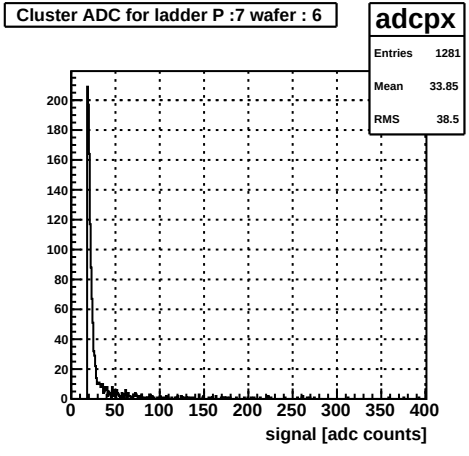

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 333
Mean 44.92
RMS 45.65
signal [adc counts]

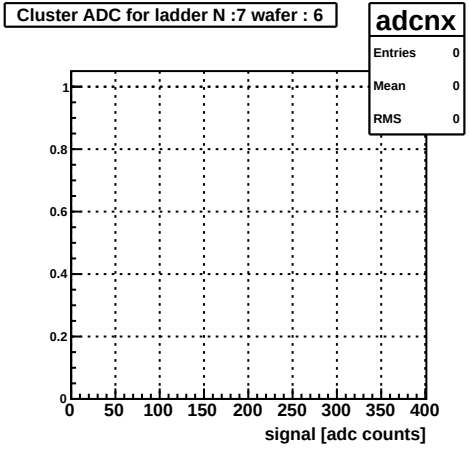

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

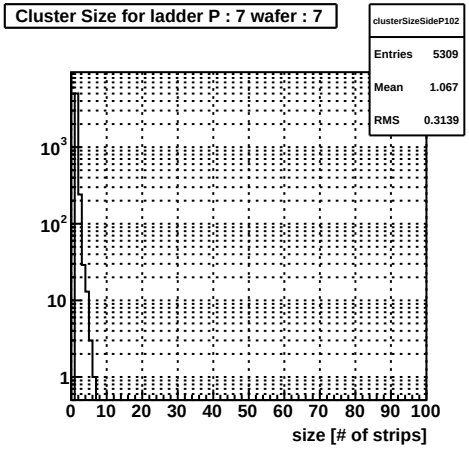

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 1281
Mean 1.078
RMS 0.3514
size [# of strips]

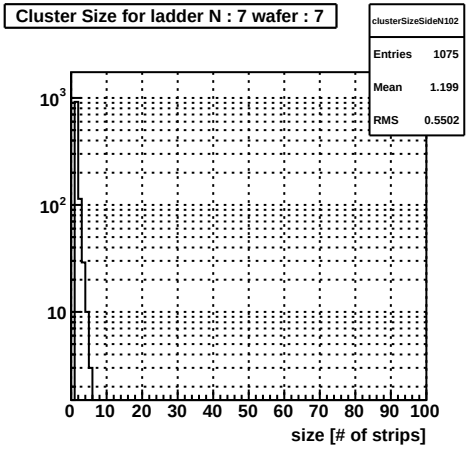

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

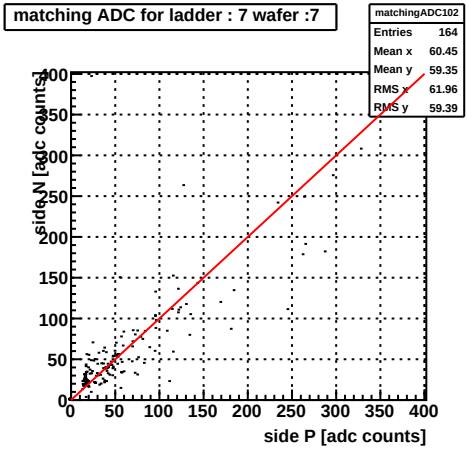

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

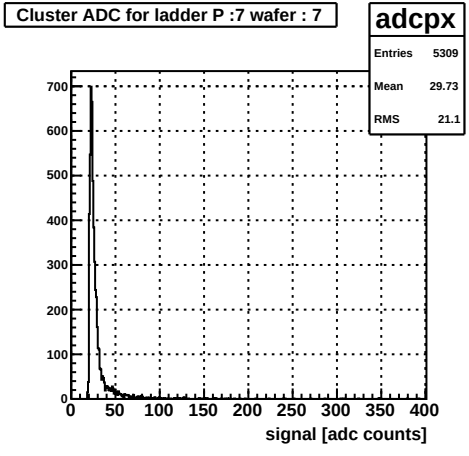

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 1281
Mean 33.85
RMS 38.5
signal [adc counts]

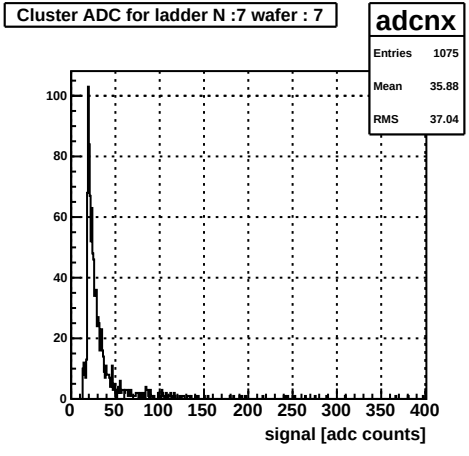

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

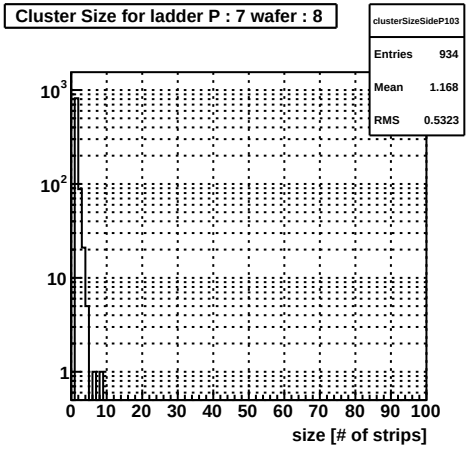

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 5309
Mean 1.067
RMS 0.3139
size [# of strips]

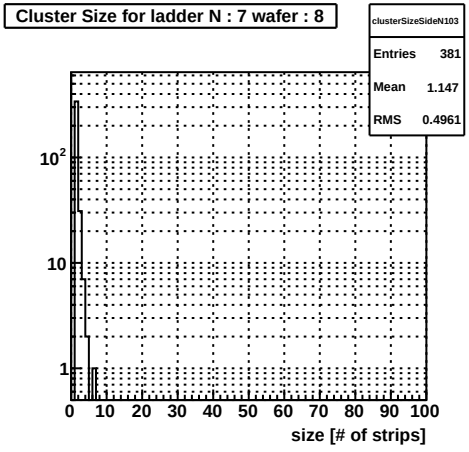

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1075
Mean 1.199
RMS 0.5502
size [# of strips]

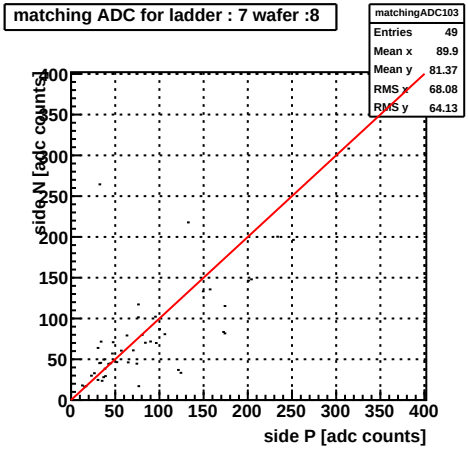

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 164
Mean x 60.45
Mean y 59.35
RMS x 61.96
RMS y 59.39
side N [adc counts]
side P [adc counts]

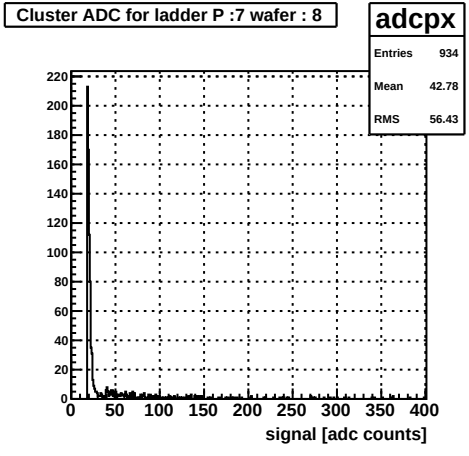

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 5309
Mean 29.73
RMS 21.1
signal [adc counts]

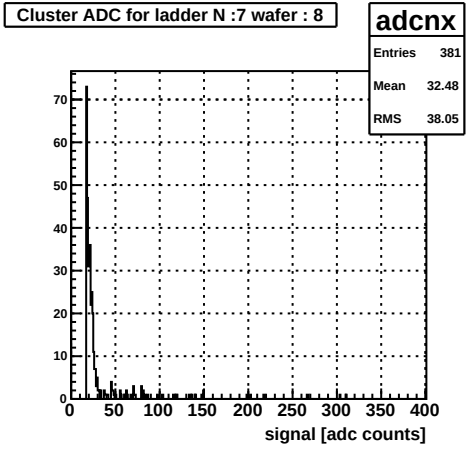

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1075
Mean 35.88
RMS 37.04
signal [adc counts]

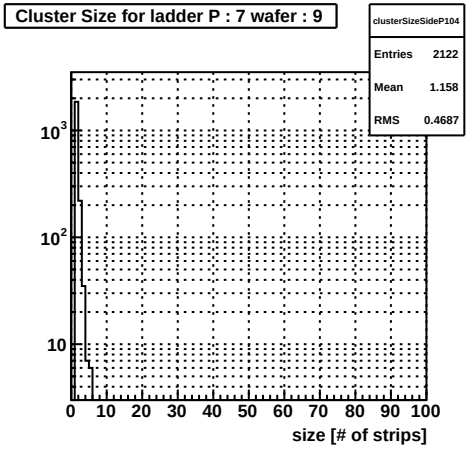

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 934
Mean 1.168
RMS 0.5323
size [# of strips]

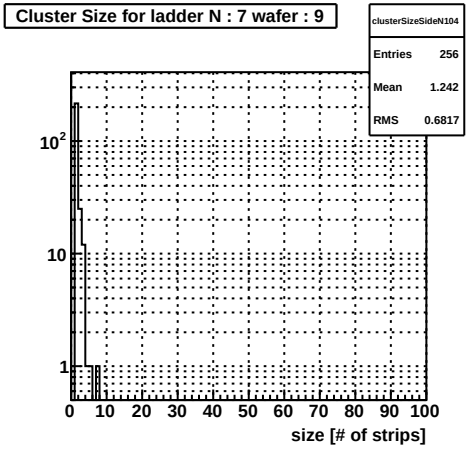

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 381
Mean 1.147
RMS 0.4961
size [# of strips]

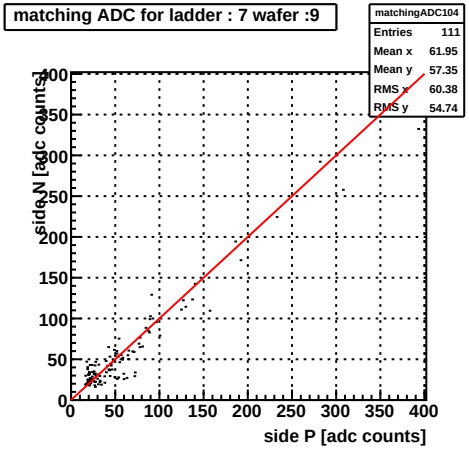

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 49
Mean x 89.9
Mean y 81.37
RMS x 68.08
RMS y 64.13
side N [adc counts]
side P [adc counts]

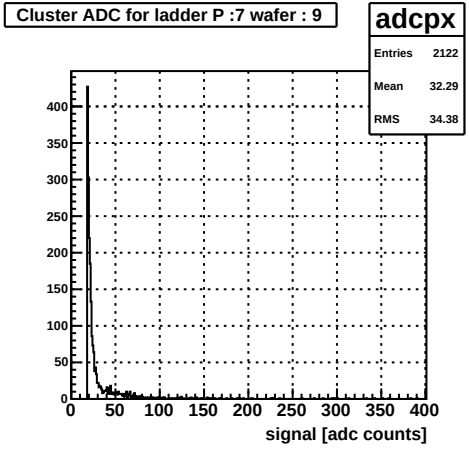

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 934
Mean 42.78
RMS 56.43
signal [adc counts]

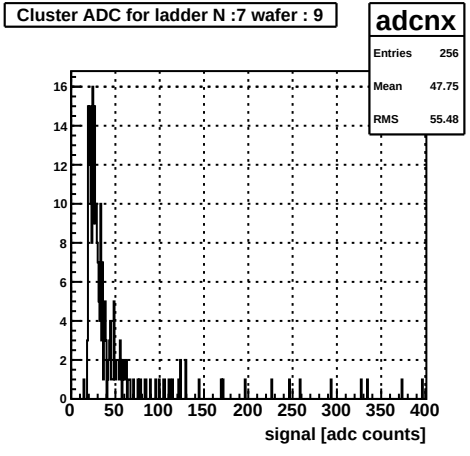

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 381
Mean 32.48
RMS 38.05
signal [adc counts]

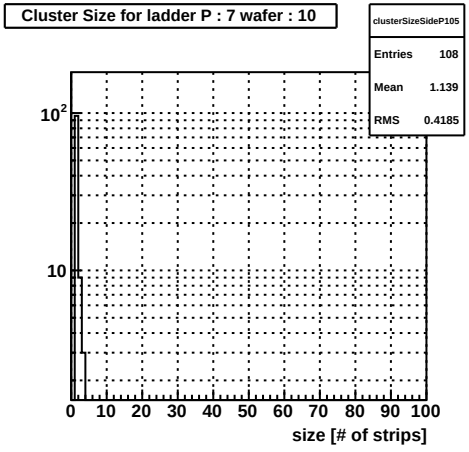

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 2122
Mean 1.158
RMS 0.4687
size [# of strips]

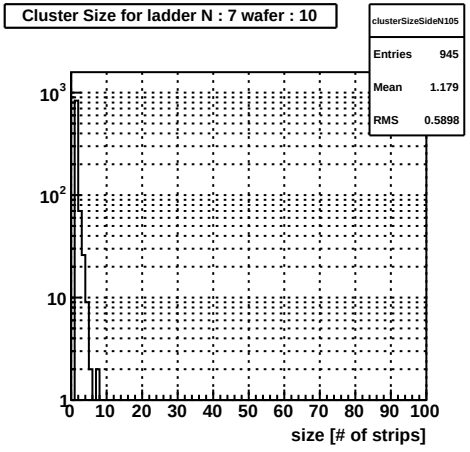

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 256
Mean 1.242
RMS 0.6817
size [# of strips]

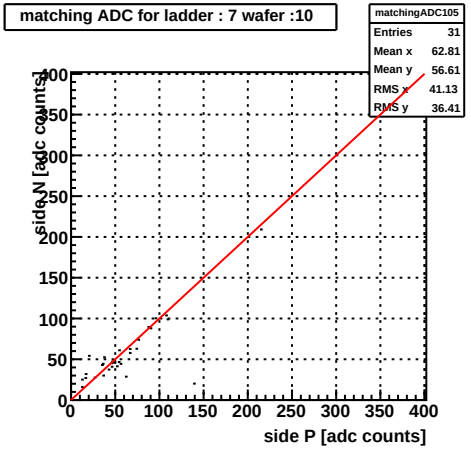

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 111
Mean x 61.95
Mean y 57.35
RMS x 60.38
RMS y 54.74
side N [adc counts]
side P [adc counts]

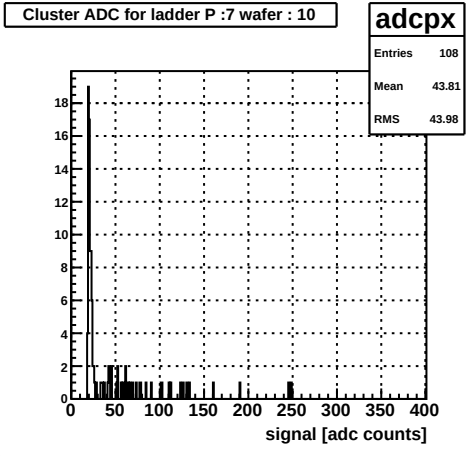

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 2122
Mean 32.29
RMS 34.38
signal [adc counts]

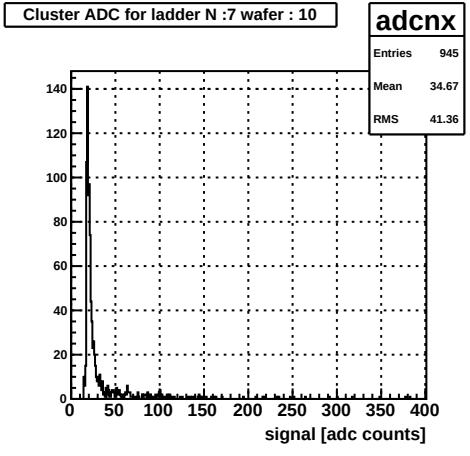

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 256
Mean 47.75
RMS 55.48
signal [adc counts]

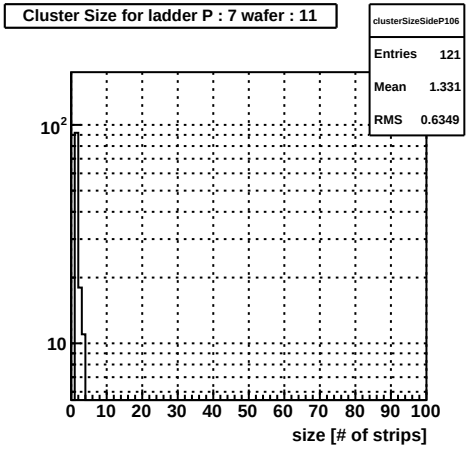

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 108
Mean 1.139
RMS 0.4185
size [# of strips]

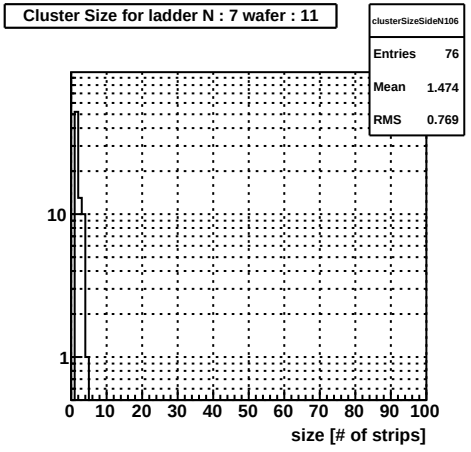

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 945
Mean 1.179
RMS 0.5898
size [# of strips]

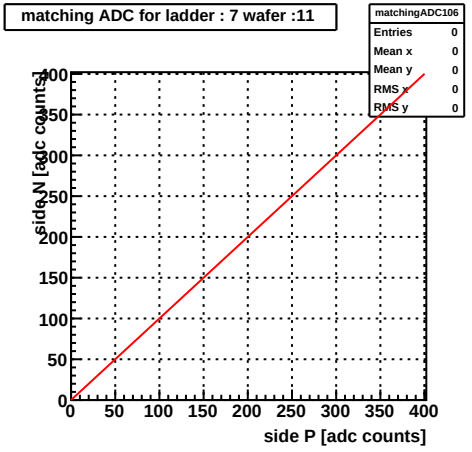

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 31
Mean x 62.81
Mean y 56.61
RMS x 41.13
RMS y 36.41
side N [adc counts]
side P [adc counts]

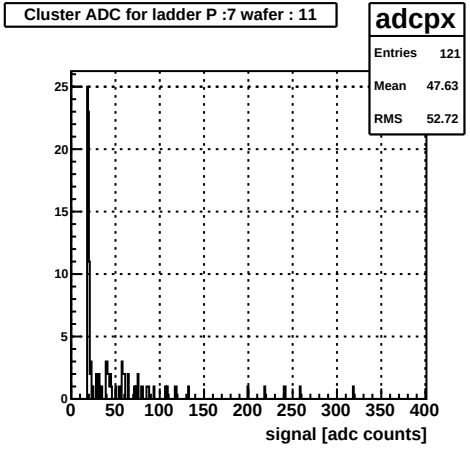

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 108
Mean 43.81
RMS 43.98
signal [adc counts]

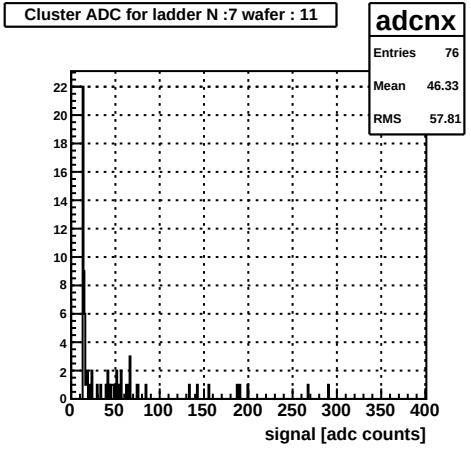

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 945
Mean 34.67
RMS 41.36
signal [adc counts]

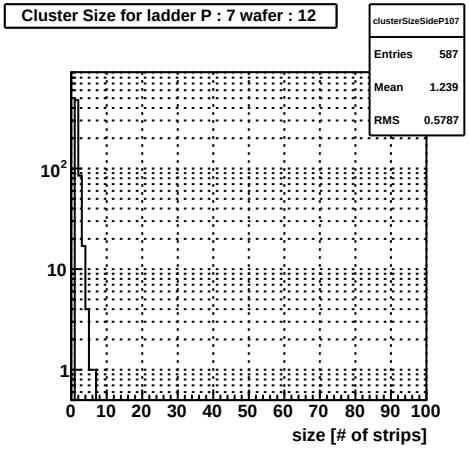

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 121
Mean 1.331
RMS 0.6349
size [# of strips]

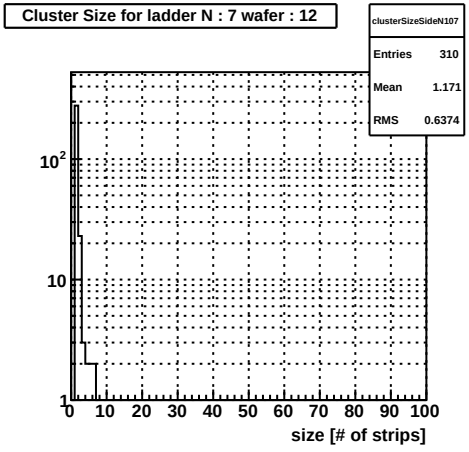

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 76
Mean 1.474
RMS 0.769
size [# of strips]

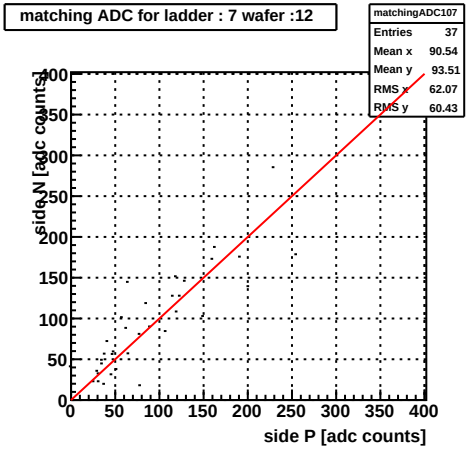

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

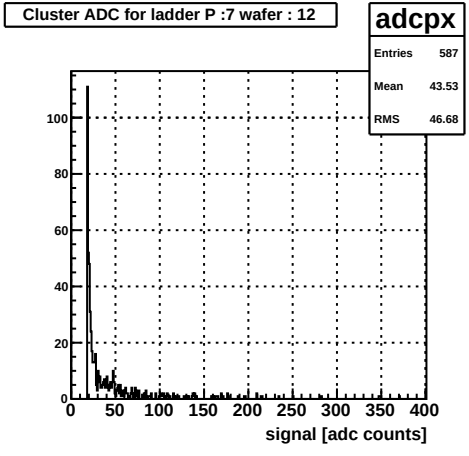

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 121
Mean 47.63
RMS 52.72
signal [adc counts]

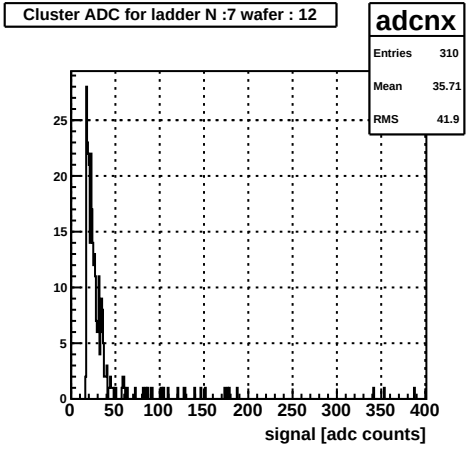

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 76
Mean 46.33
RMS 57.81
signal [adc counts]

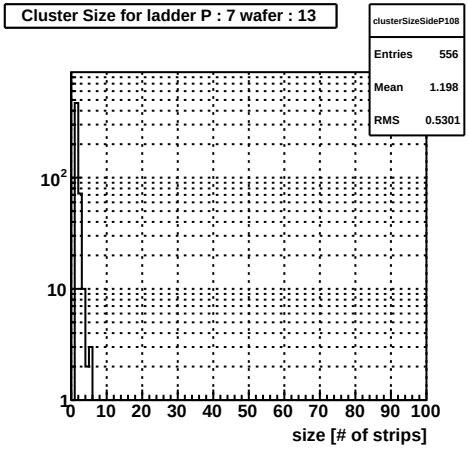

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 587
Mean 1.239
RMS 0.5787
size [# of strips]

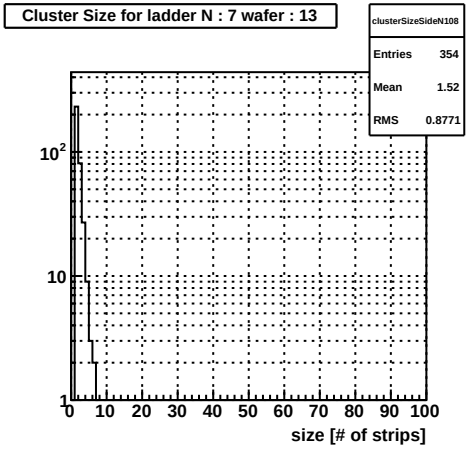

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 310
Mean 1.171
RMS 0.6374
size [# of strips]

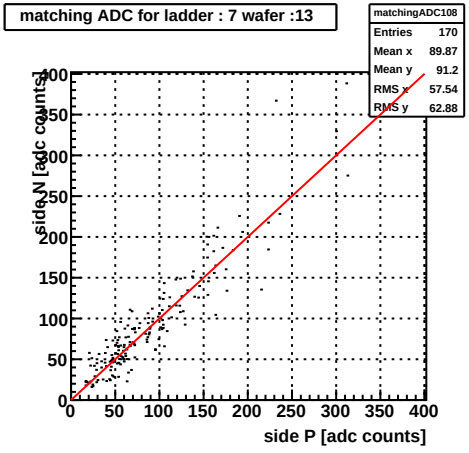

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 37
Mean x 90.54
Mean y 93.51
RMS x 62.07
RMS y 60.43
side N [adc counts]
side P [adc counts]

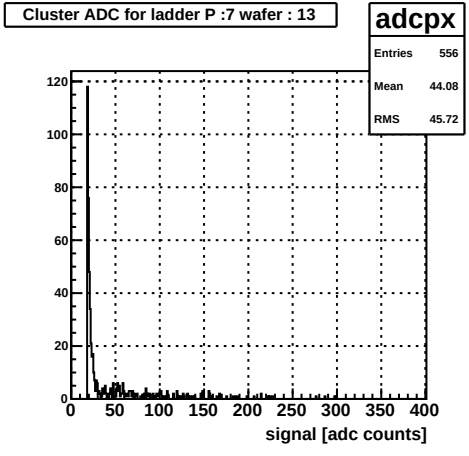

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 587
Mean 43.53
RMS 46.68
signal [adc counts]

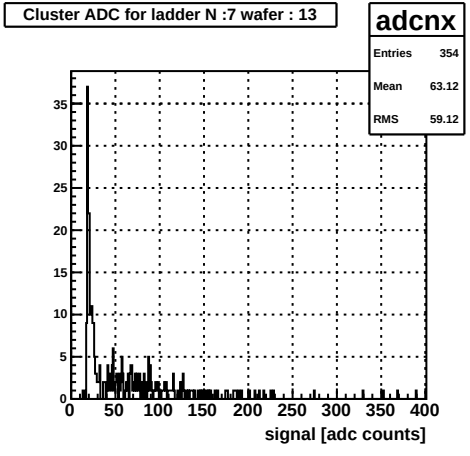

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 310
Mean 35.71
RMS 41.9
signal [adc counts]

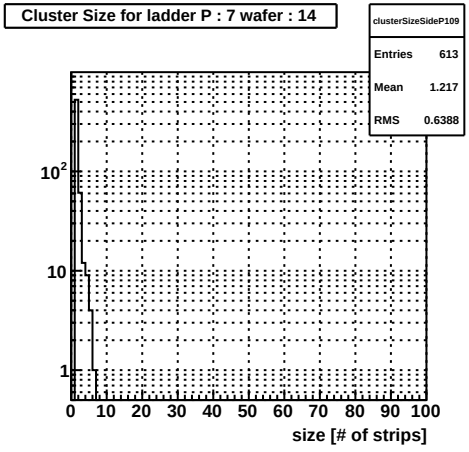

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 556
Mean 1.198
RMS 0.5301
size [# of strips]

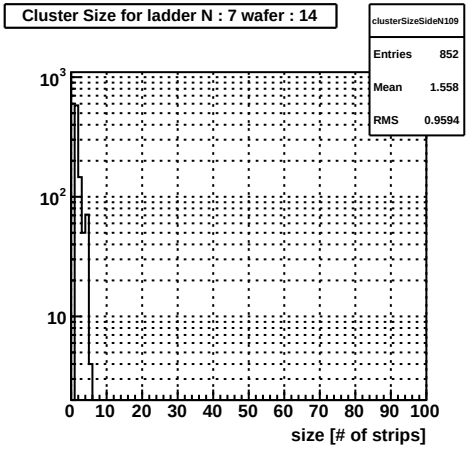

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 354
Mean 1.52
RMS 0.8771
size [# of strips]

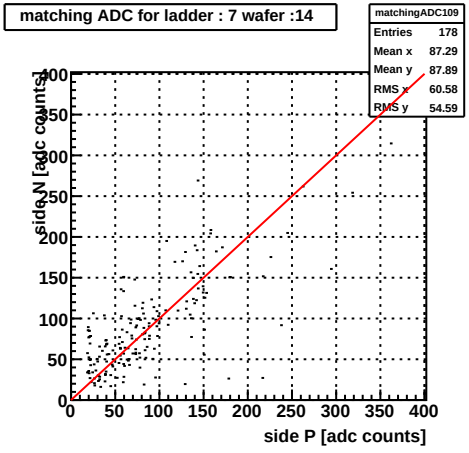

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 170
Mean x 89.87
Mean y 91.2
RMS x 57.54
RMS y 62.88
side N [adc counts]
side P [adc counts]

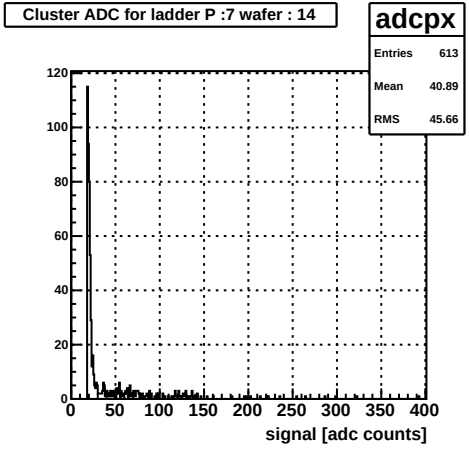

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 556
Mean 44.08
RMS 45.72
signal [adc counts]

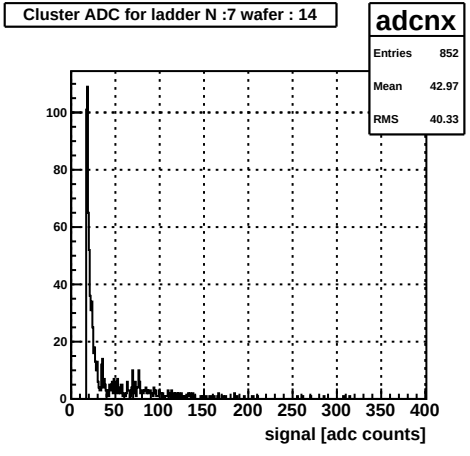

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 354
Mean 63.12
RMS 59.12
signal [adc counts]

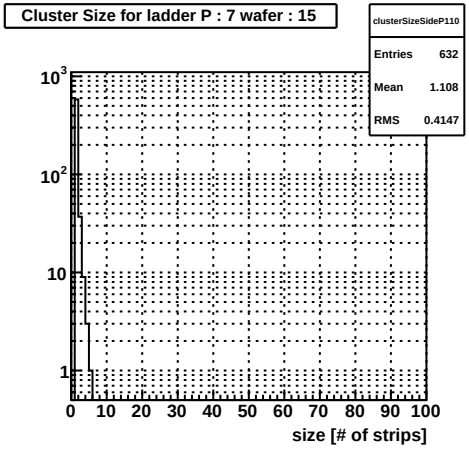

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 613
Mean 1.217
RMS 0.6388
size [# of strips]

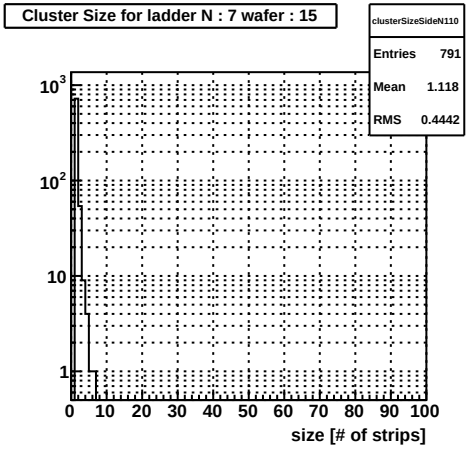

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 852
Mean 1.558
RMS 0.9594
size [# of strips]

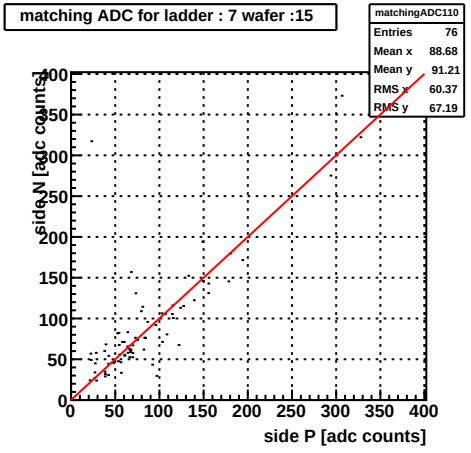

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 178
Mean x 87.29
Mean y 87.89
RMS x 60.58
RMS y 54.59
side N [adc counts]
side P [adc counts]

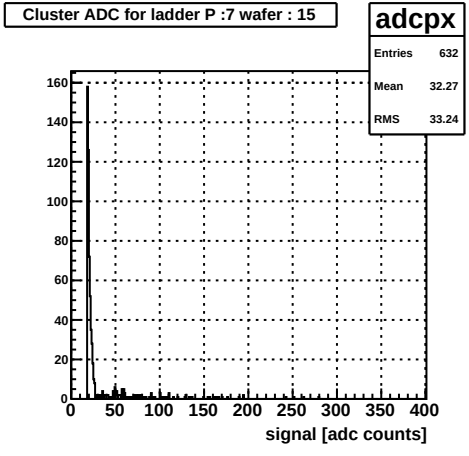

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 613
Mean 40.89
RMS 45.66
signal [adc counts]

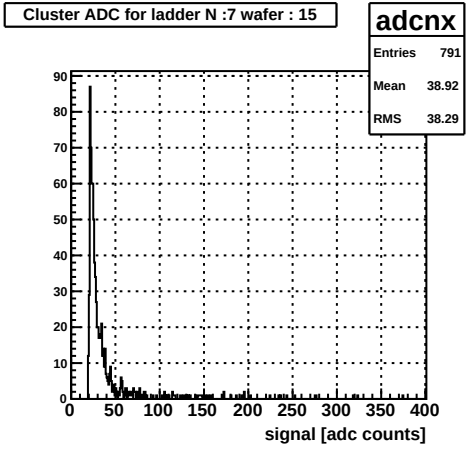

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 852
Mean 42.97
RMS 40.33
signal [adc counts]

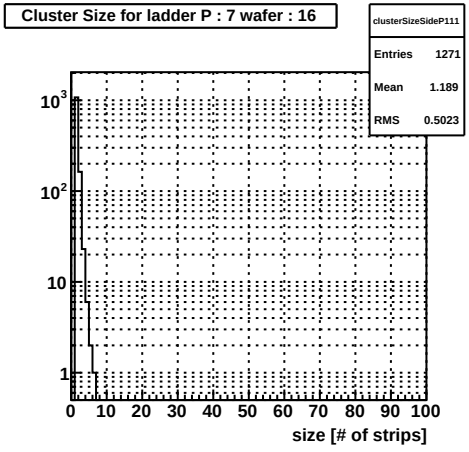

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 632
Mean 1.108
RMS 0.4147
size [# of strips]

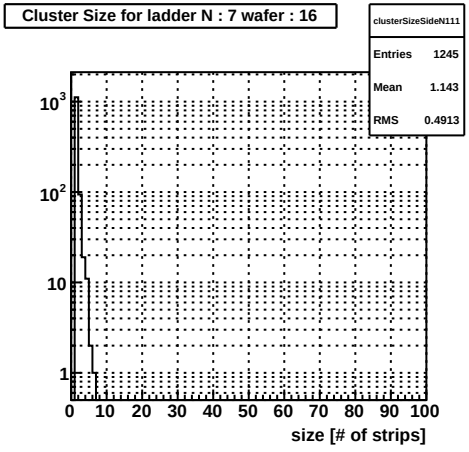

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 791
Mean 1.118
RMS 0.4442
size [# of strips]

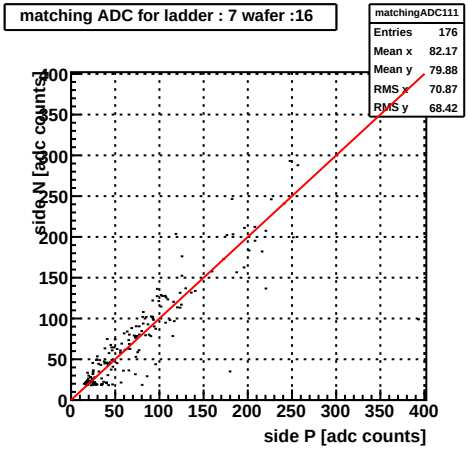

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 76
Mean x 88.68
Mean y 91.21
RMS x 60.37
RMS y 67.19
side N [adc counts]
side P [adc counts]

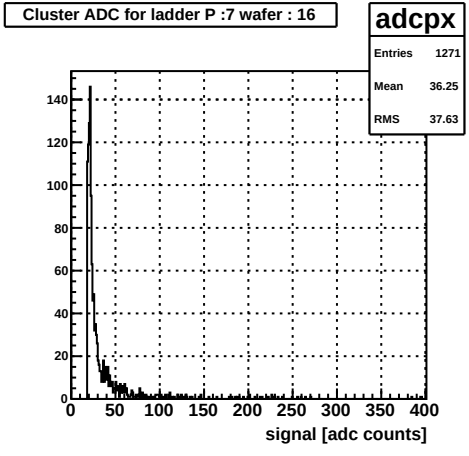

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 632
Mean 32.27
RMS 33.24
signal [adc counts]

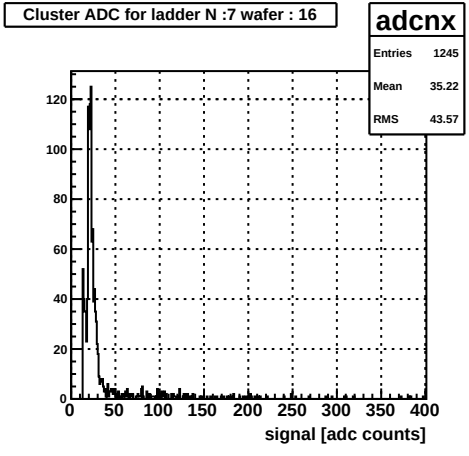

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 791
Mean 38.92
RMS 38.29
signal [adc counts]

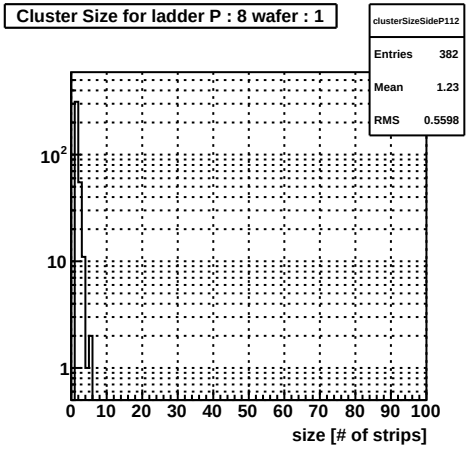

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1271
Mean 1.189
RMS 0.5023
size [# of strips]

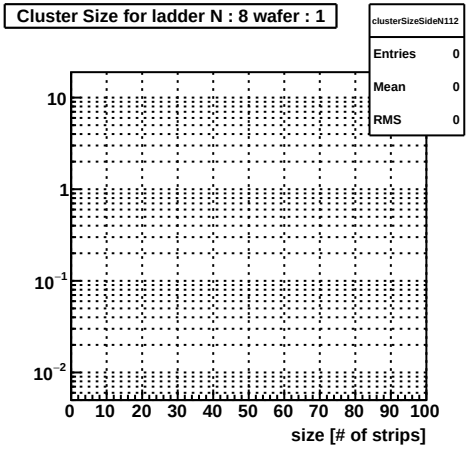

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1245
Mean 1.143
RMS 0.4913
size [# of strips]

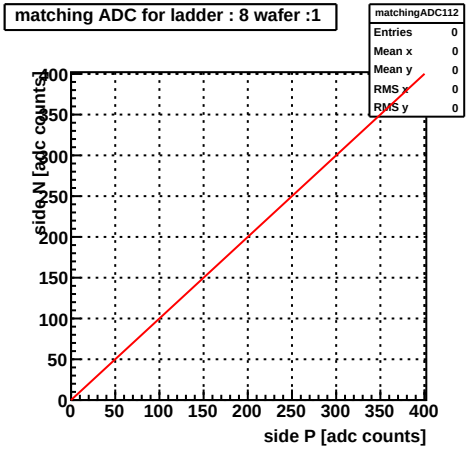

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 176
Mean x 82.17
Mean y 79.88
RMS x 70.87
RMS y 68.42
side N [adc counts]
side P [adc counts]

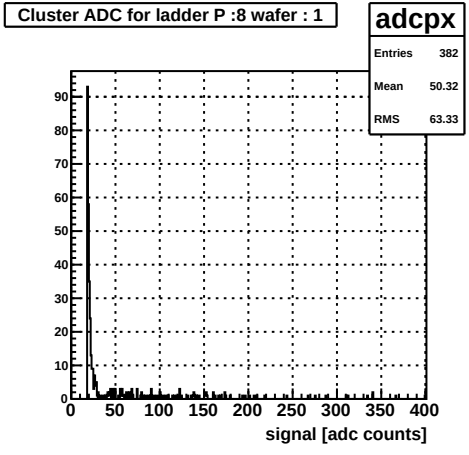

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1271
Mean 36.25
RMS 37.63
signal [adc counts]

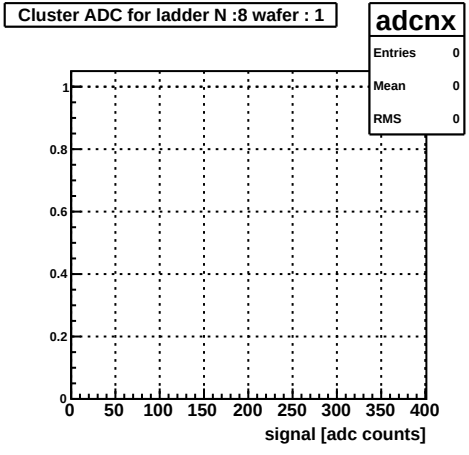

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1245
Mean 35.22
RMS 43.57
signal [adc counts]

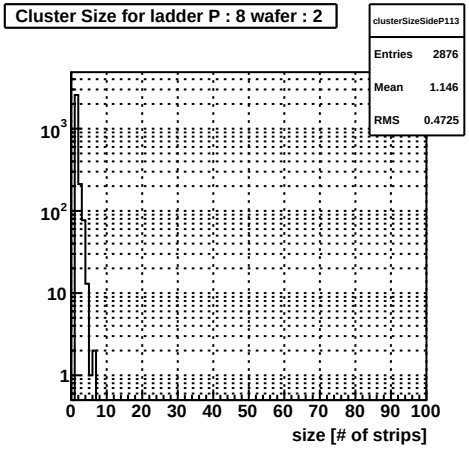

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 382
Mean 1.23
RMS 0.5598
size [# of strips]

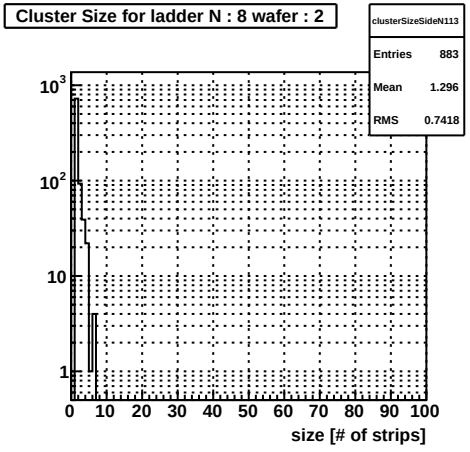

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

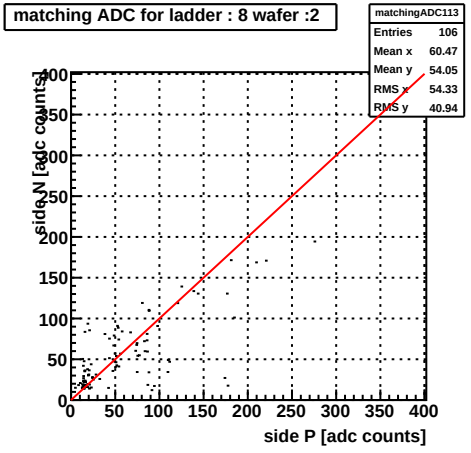

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

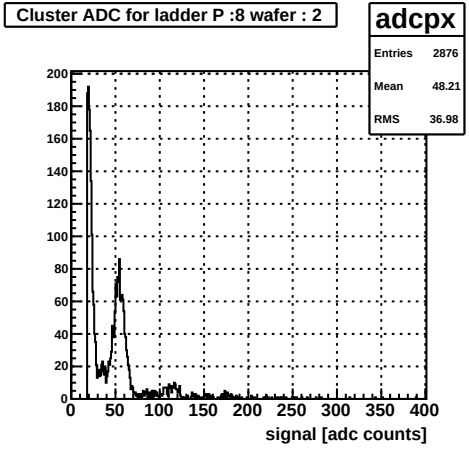

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 382
Mean 50.32
RMS 63.33
signal [adc counts]

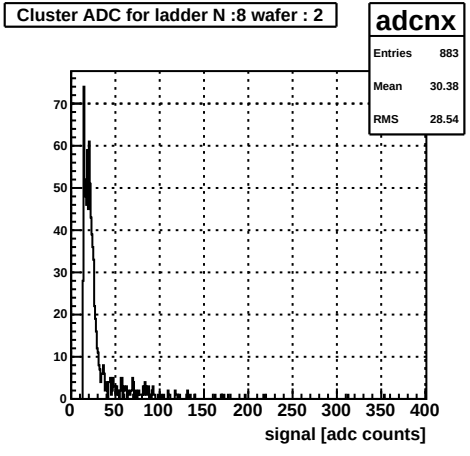

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

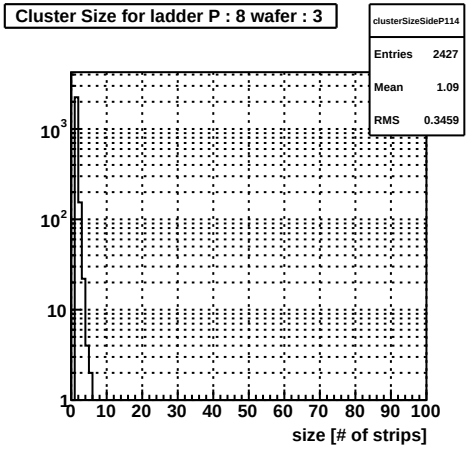

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 2876
Mean 1.146
RMS 0.4725
size [# of strips]

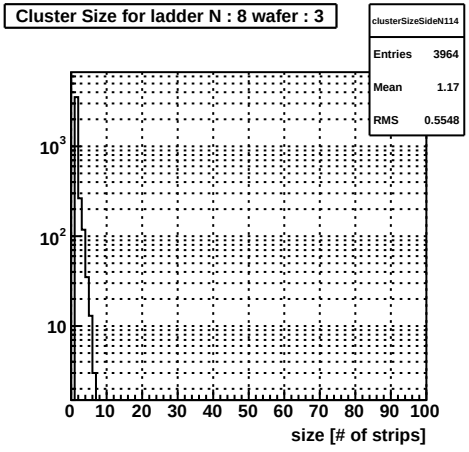

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 883
Mean 1.296
RMS 0.7418
size [# of strips]

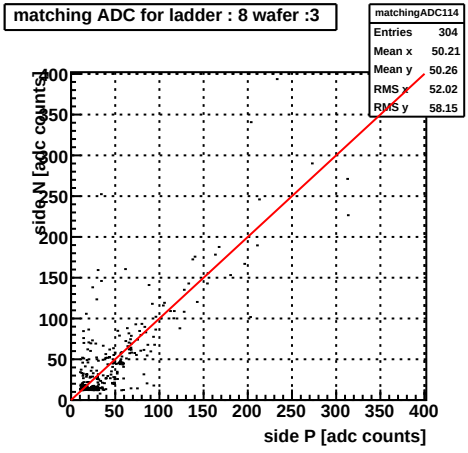

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 106
Mean x 60.47
Mean y 54.05
RMS x 54.33
RMS y 40.94
side N [adc counts]
side P [adc counts]

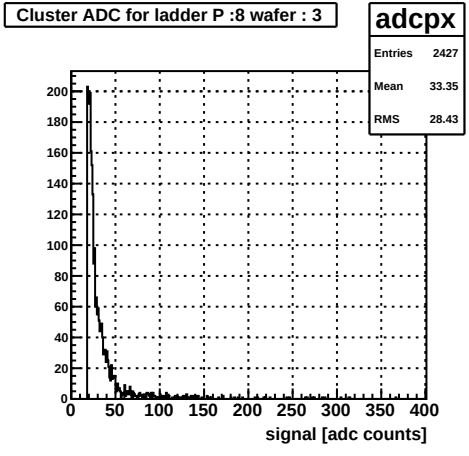

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 2876
Mean 48.21
RMS 36.98
signal [adc counts]

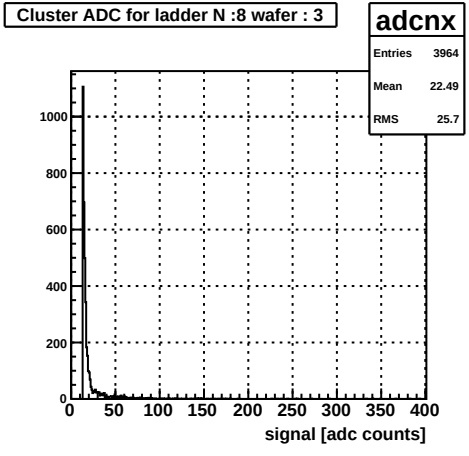

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 883
Mean 30.38
RMS 28.54
signal [adc counts]

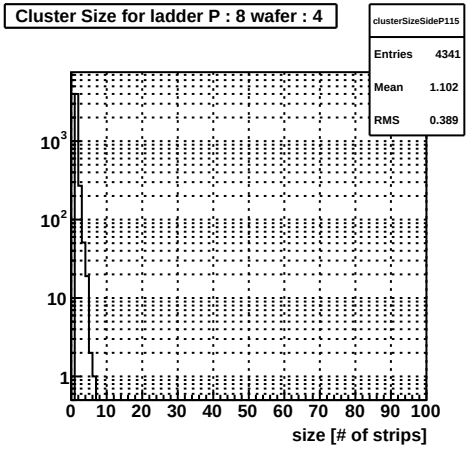

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 2427
Mean 1.09
RMS 0.3459
size [# of strips]

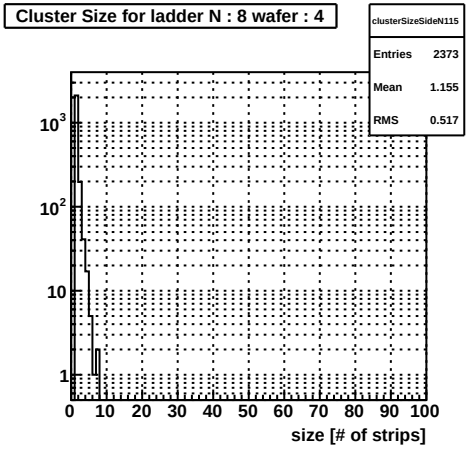

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 3964
Mean 1.17
RMS 0.5548
size [# of strips]

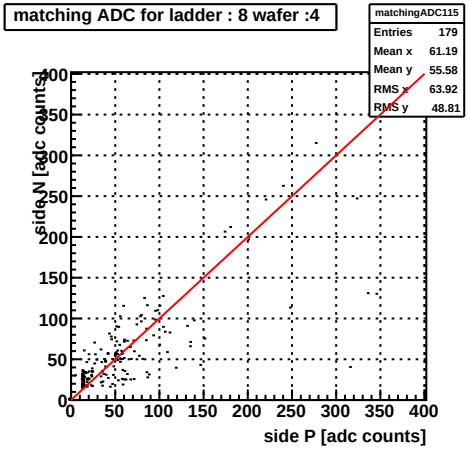

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 304
Mean x 50.21
Mean y 50.26
RMS x 52.02
RMS y 58.15
side N [adc counts]
side P [adc counts]

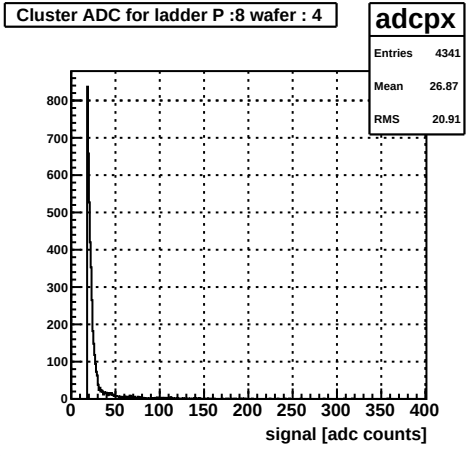

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 2427
Mean 33.35
RMS 28.43
signal [adc counts]

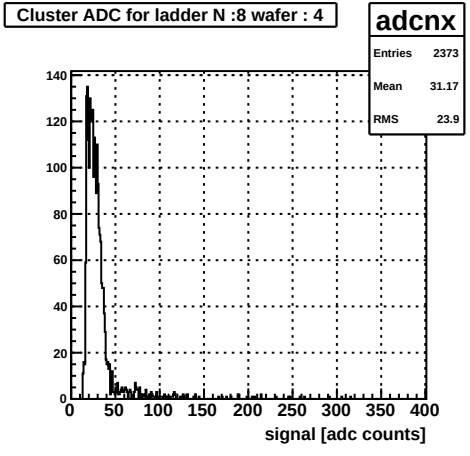

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 3964
Mean 22.49
RMS 25.7
signal [adc counts]

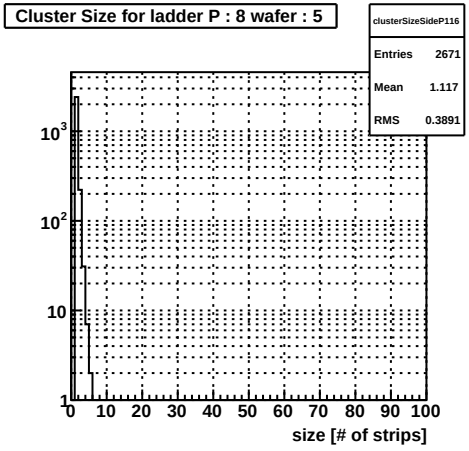

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 4341
Mean 1.102
RMS 0.389
size [# of strips]

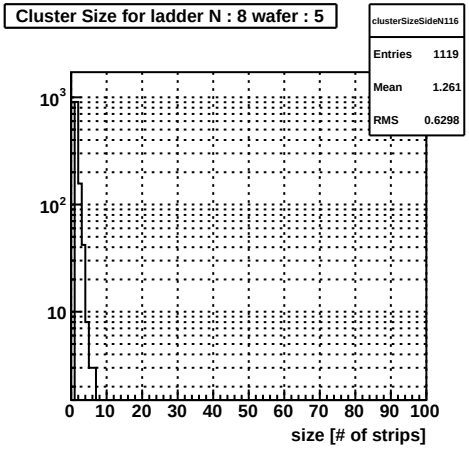

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 2373
Mean 1.155
RMS 0.517
size [# of strips]

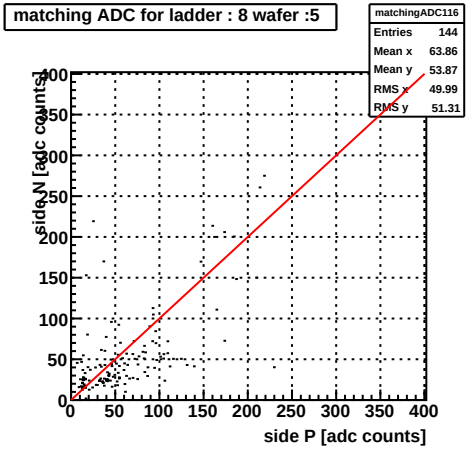

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 179
Mean x 61.19
Mean y 55.58
RMS x 63.92
RMS y 48.81
side N [adc counts]
side P [adc counts]

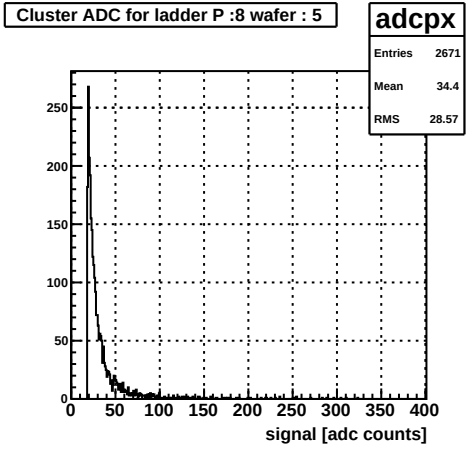

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 4341
Mean 26.87
RMS 20.91
signal [adc counts]

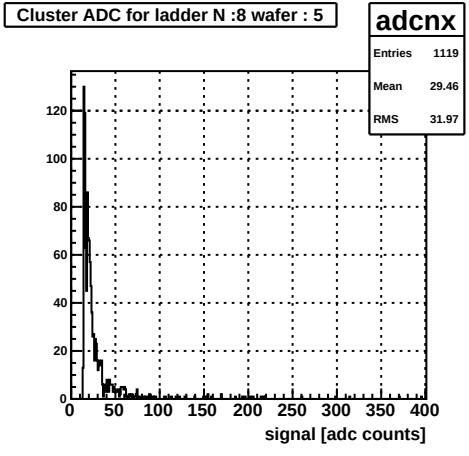

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 2373
Mean 31.17
RMS 23.9
signal [adc counts]

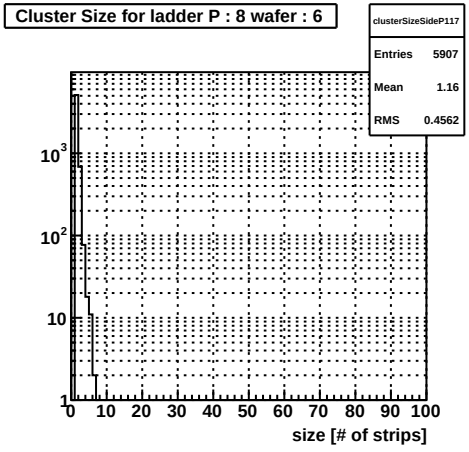

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 2671
Mean 1.117
RMS 0.3891
size [# of strips]

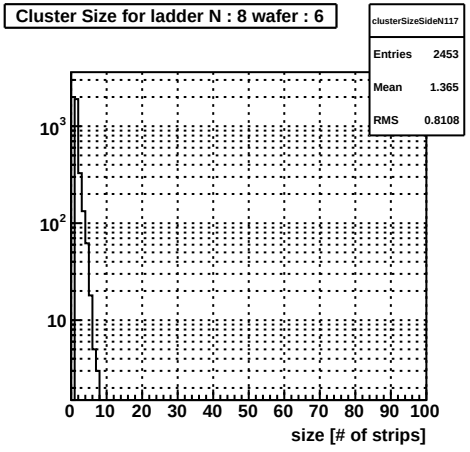

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1119
Mean 1.261
RMS 0.6298
size [# of strips]

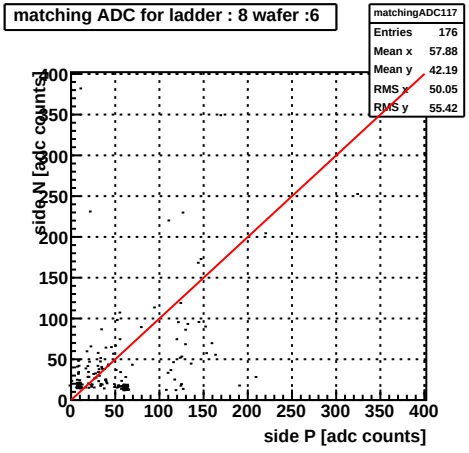

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 144
Mean x 63.86
Mean y 53.87
RMS x 49.99
RMS y 51.31
side N [adc counts]
side P [adc counts]

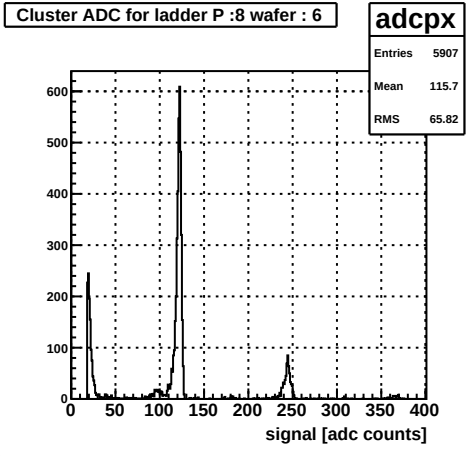

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 2671
Mean 34.4
RMS 28.57
signal [adc counts]

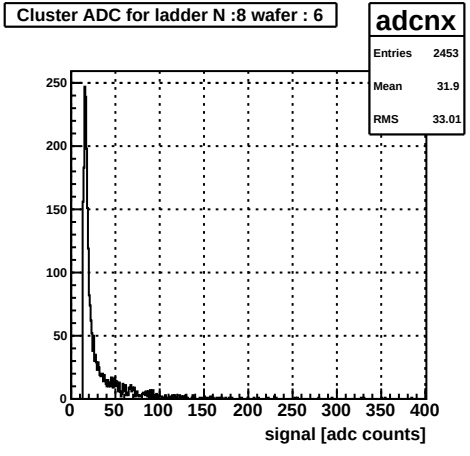

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1119
Mean 29.46
RMS 31.97
signal [adc counts]

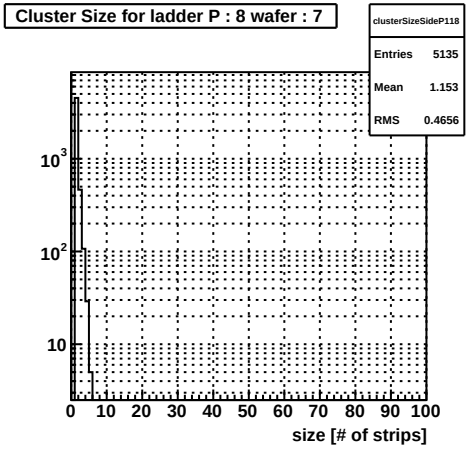

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 5907
Mean 1.16
RMS 0.4562
size [# of strips]

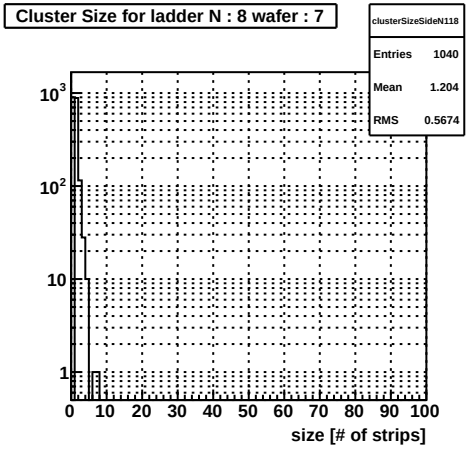

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 2453
Mean 1.365
RMS 0.8108
size [# of strips]

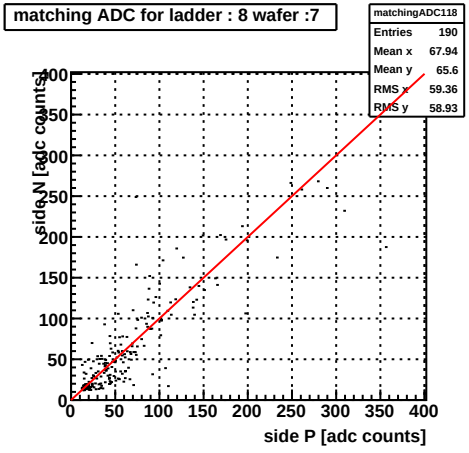

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 176
Mean x 57.88
Mean y 42.19
RMS x 50.05
RMS y 55.42
side N [adc counts]
side P [adc counts]

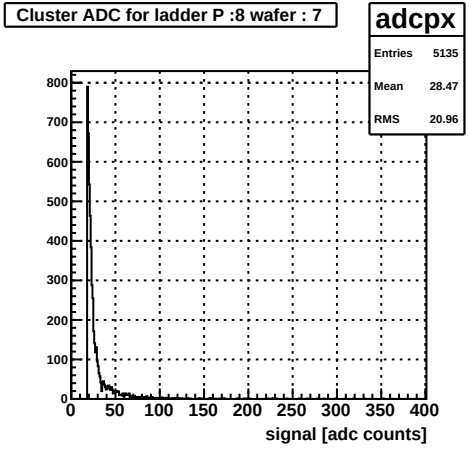

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 5907
Mean 115.7
RMS 65.82
signal [adc counts]

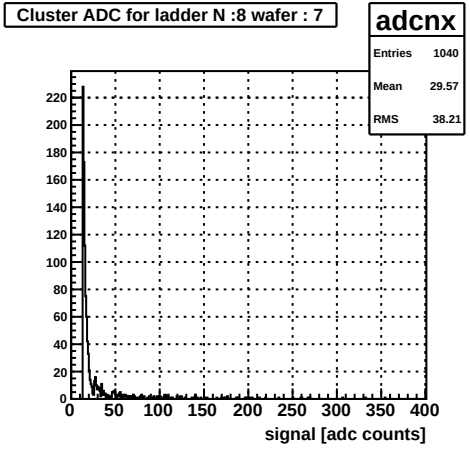

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 2453
Mean 31.9
RMS 33.01
signal [adc counts]

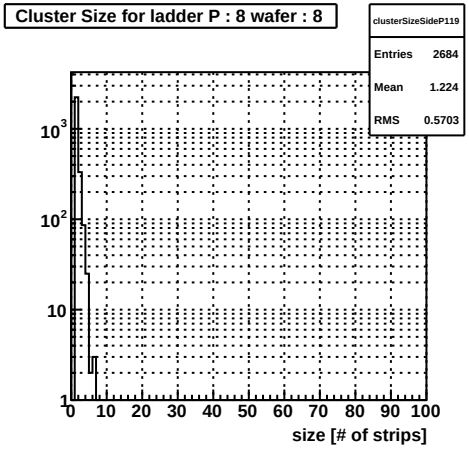

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 5135
Mean 1.153
RMS 0.4656
size [# of strips]

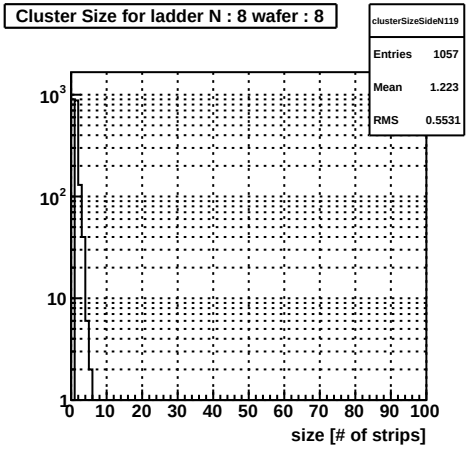

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1040
Mean 1.204
RMS 0.5674
size [# of strips]

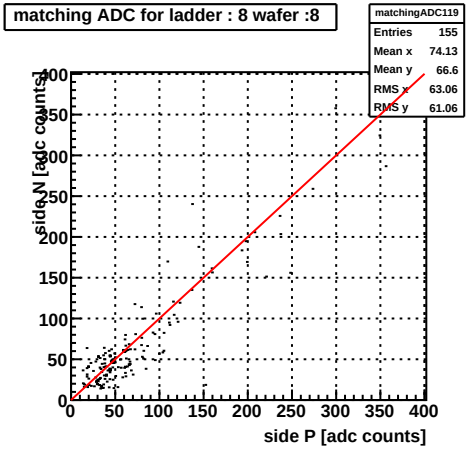

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 190
Mean x 67.94
Mean y 65.6
RMS x 59.36
RMS y 58.93
side N [adc counts]
side P [adc counts]

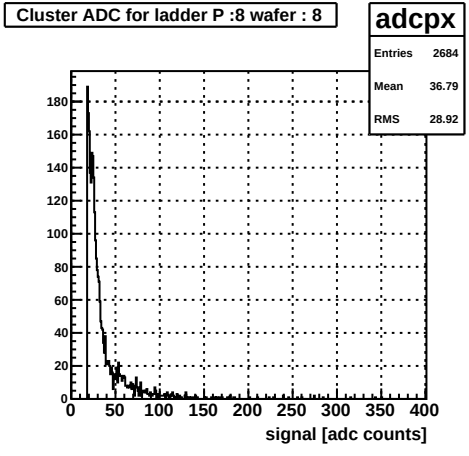

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 5135
Mean 28.47
RMS 20.96
signal [adc counts]

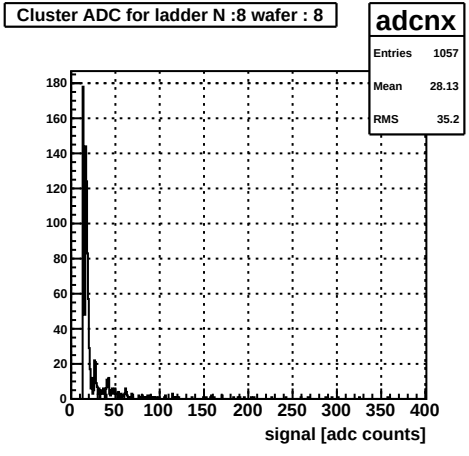

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1040
Mean 29.57
RMS 38.21
signal [adc counts]

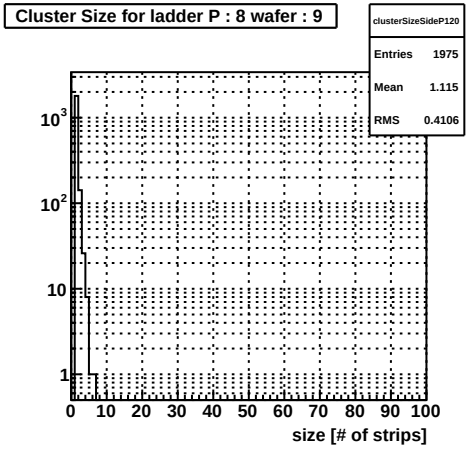

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 2684
Mean 1.224
RMS 0.5703
size [# of strips]

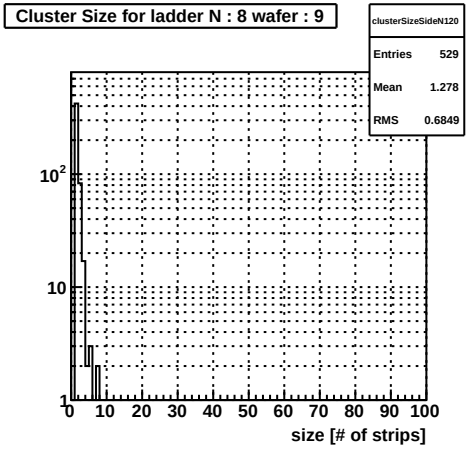

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1057
Mean 1.223
RMS 0.5531
size [# of strips]

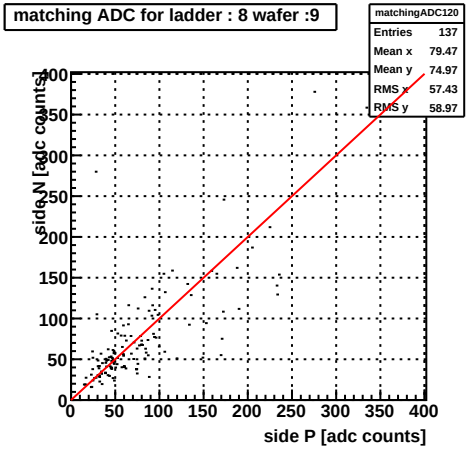

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 155
Mean x 74.13
Mean y 66.6
RMS x 63.06
RMS y 61.06
side N [adc counts]
side P [adc counts]

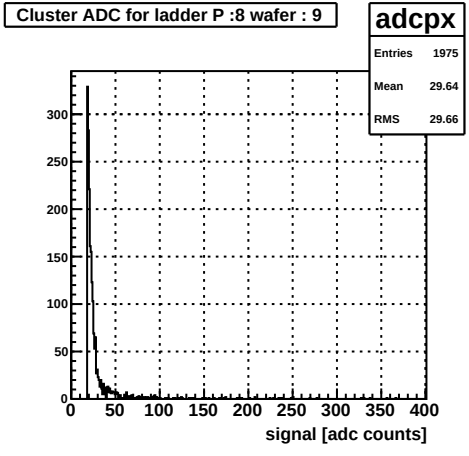

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 2684
Mean 36.79
RMS 28.92
signal [adc counts]

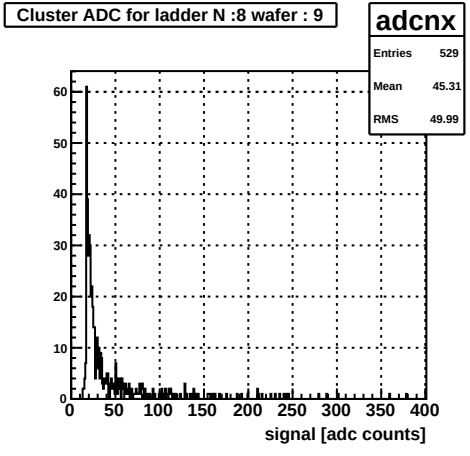

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1057
Mean 28.13
RMS 35.2
signal [adc counts]

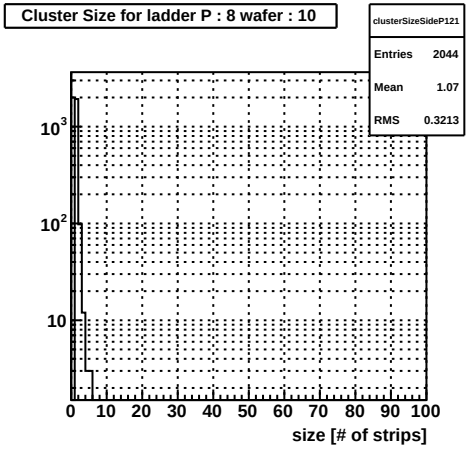

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 1975
Mean 1.115
RMS 0.4106
size [# of strips]

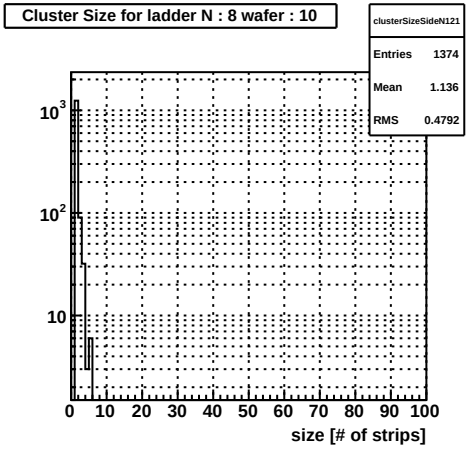

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 529
Mean 1.278
RMS 0.6849
size [# of strips]

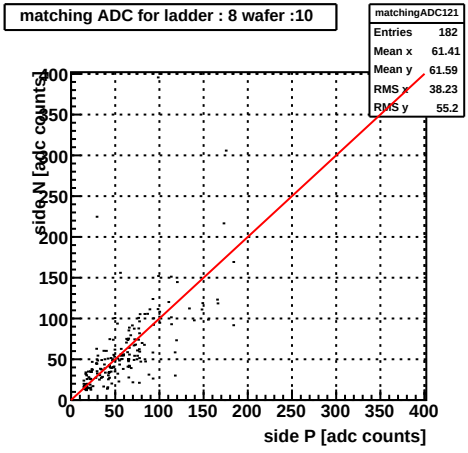

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 137
Mean x 79.47
Mean y 74.97
RMS x 57.43
RMS y 58.97
side N [adc counts]
side P [adc counts]

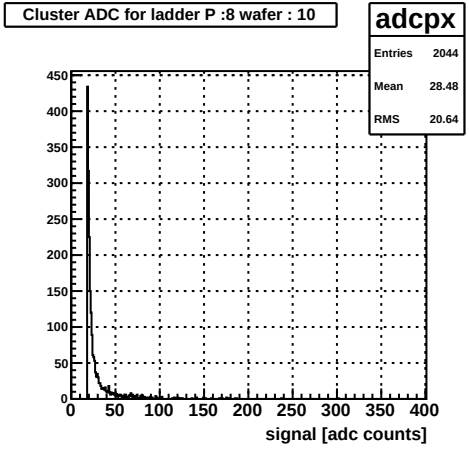

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 1975
Mean 29.64
RMS 29.66
signal [adc counts]

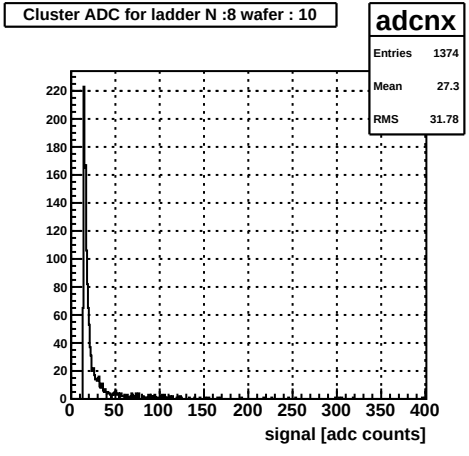

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 529
Mean 45.31
RMS 49.99
signal [adc counts]

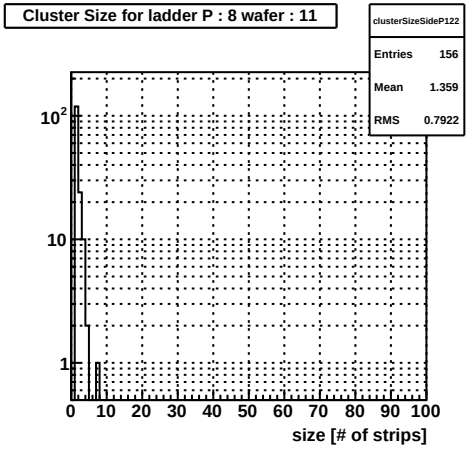

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2044
Mean 1.07
RMS 0.3213
size [# of strips]

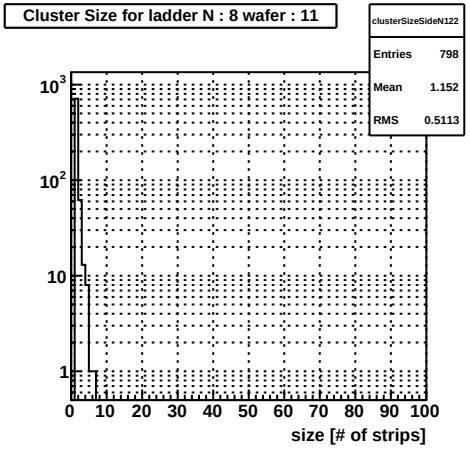

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 1374
Mean 1.136
RMS 0.4792
size [# of strips]

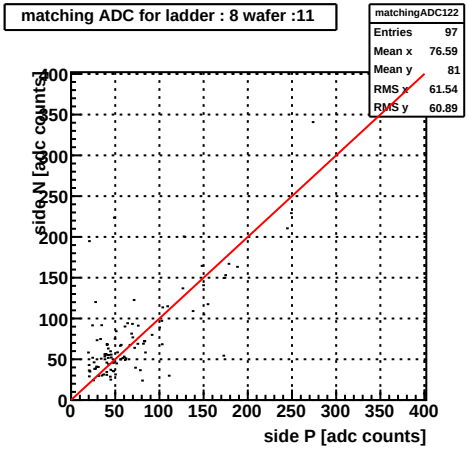

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 182
Mean x 61.41
Mean y 61.59
RMS x 38.23
RMS y 55.2
side N [adc counts]
side P [adc counts]

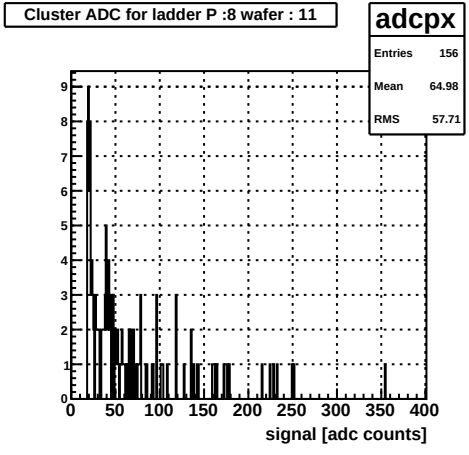

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2044
Mean 28.48
RMS 20.64
signal [adc counts]

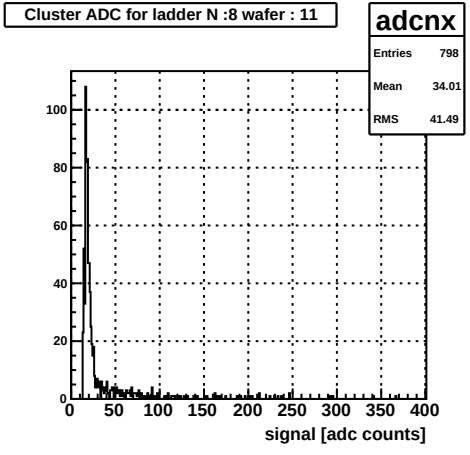

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 1374
Mean 27.3
RMS 31.78
signal [adc counts]

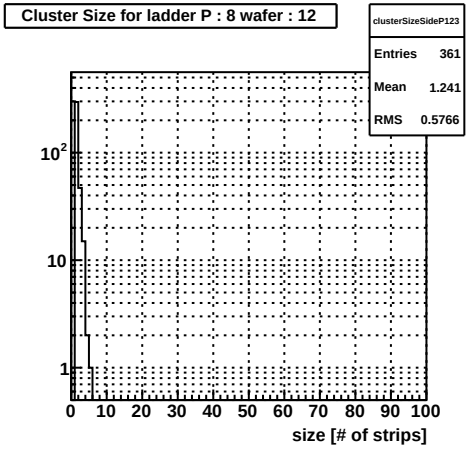

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 156
Mean 1.359
RMS 0.7922
size [# of strips]

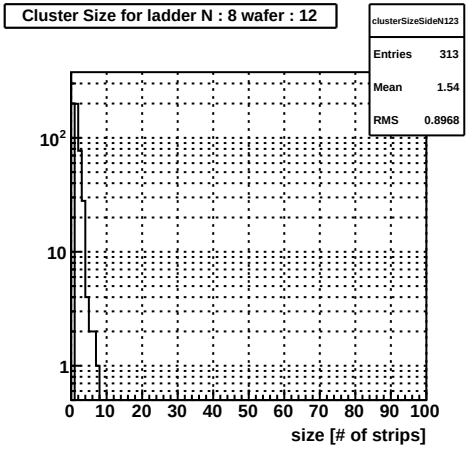

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 798
Mean 1.152
RMS 0.5113
size [# of strips]

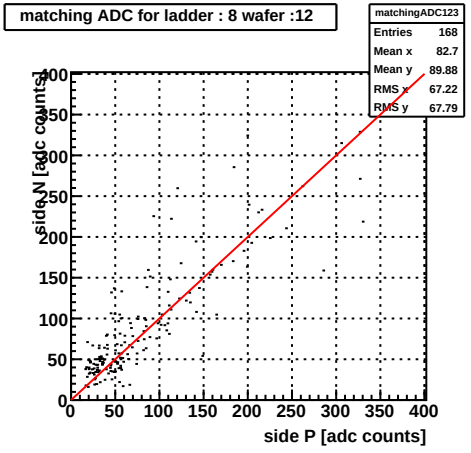

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 97
Mean x 76.59
Mean y 81
RMS x 61.54
RMS y 60.89
side N [adc counts]
side P [adc counts]

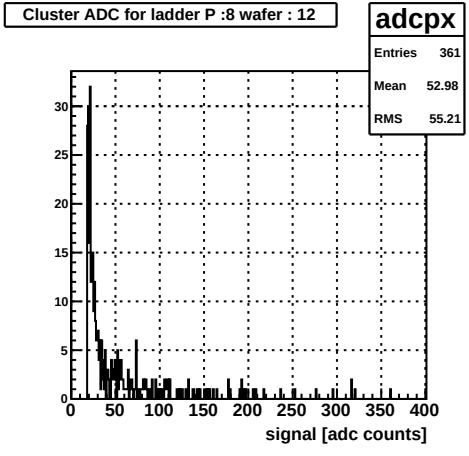

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 156
Mean 64.98
RMS 57.71
signal [adc counts]

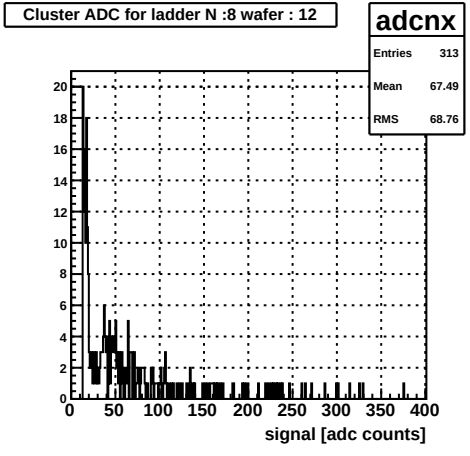

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 798
Mean 34.01
RMS 41.49
signal [adc counts]

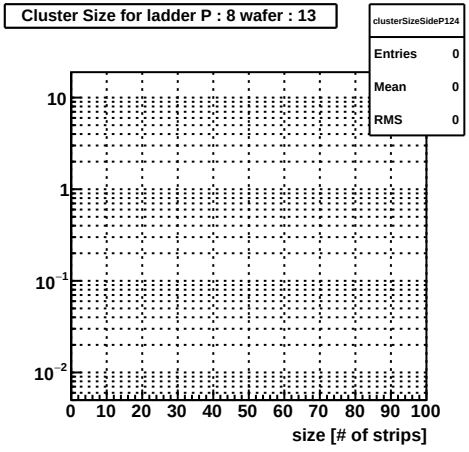

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 361
Mean 1.241
RMS 0.5766
size [# of strips]

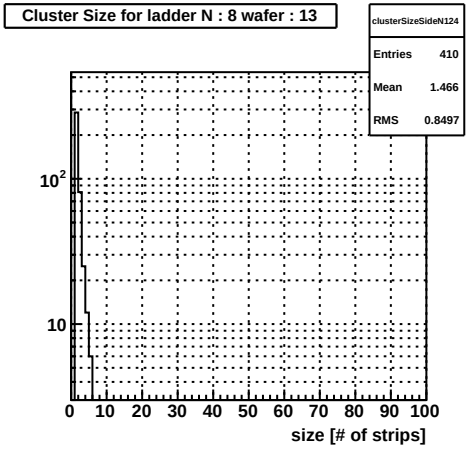

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 313
Mean 1.54
RMS 0.8968
size [# of strips]

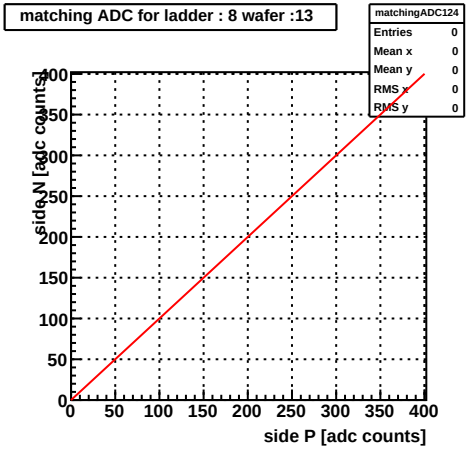

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 168
Mean x 82.7
Mean y 89.88
RMS x 67.22
RMS y 67.79
side N [adc counts]
side P [adc counts]

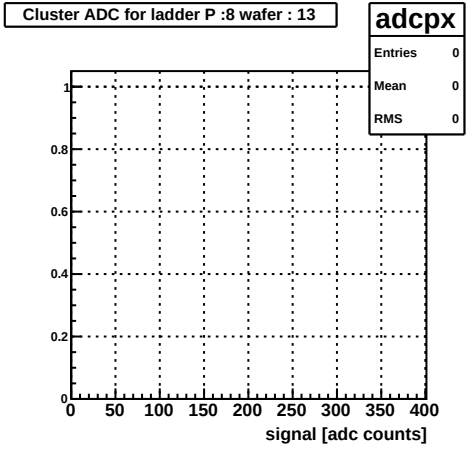

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 361
Mean 52.98
RMS 55.21
signal [adc counts]

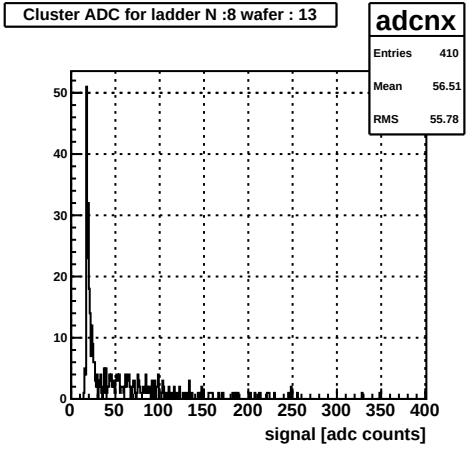

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 313
Mean 67.49
RMS 68.76
signal [adc counts]

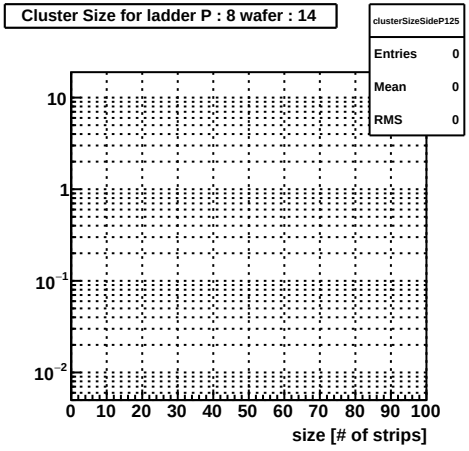

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

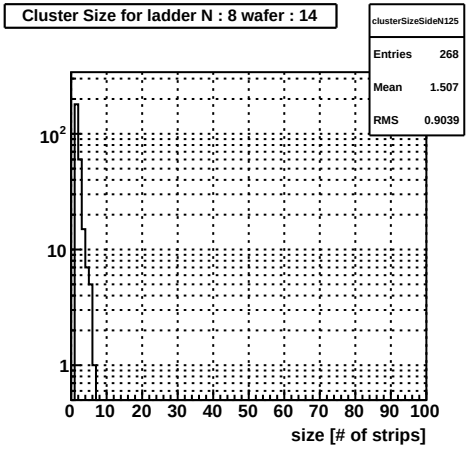

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 410
Mean 1.466
RMS 0.8497
size [# of strips]

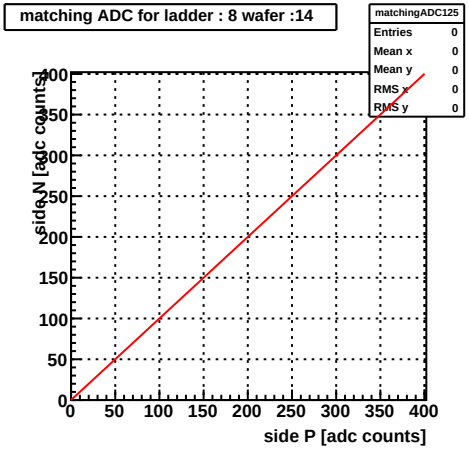

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

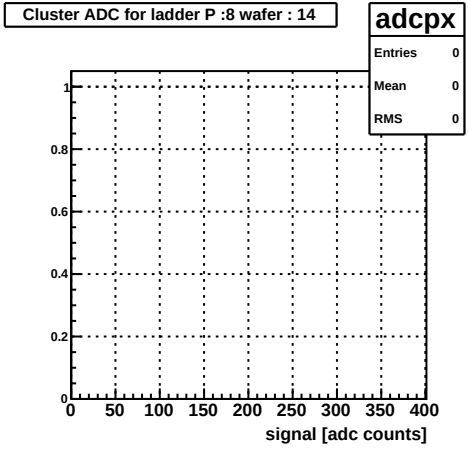

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

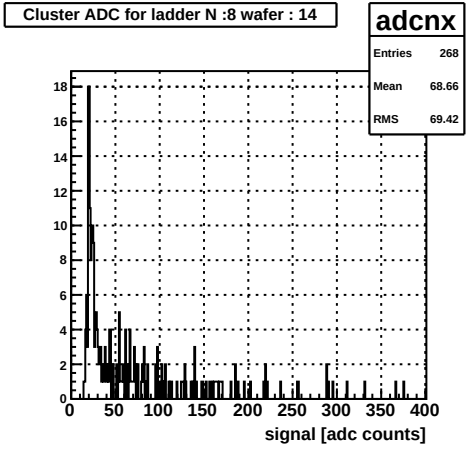

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 410
Mean 56.51
RMS 55.78
signal [adc counts]

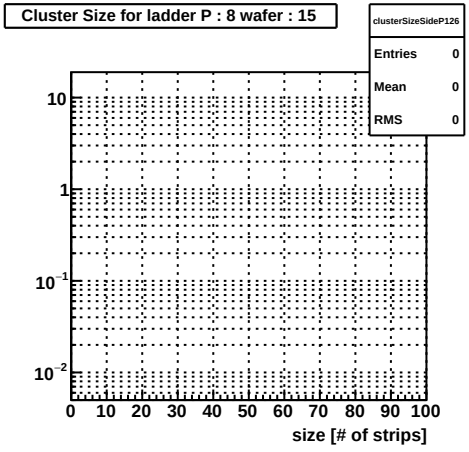

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

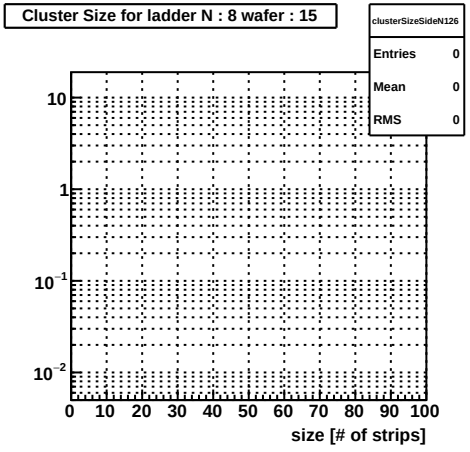

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 268
Mean 1.507
RMS 0.9039
size [# of strips]

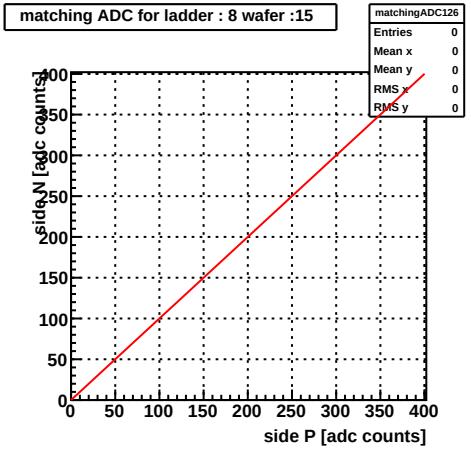

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

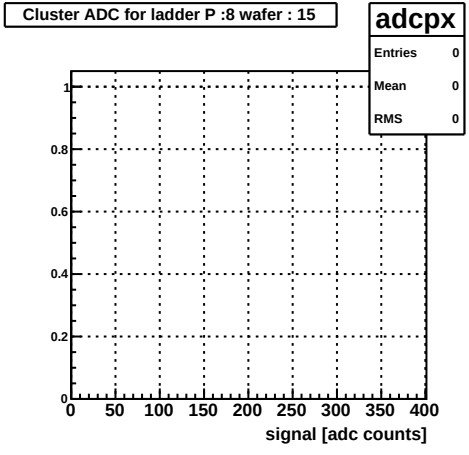

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

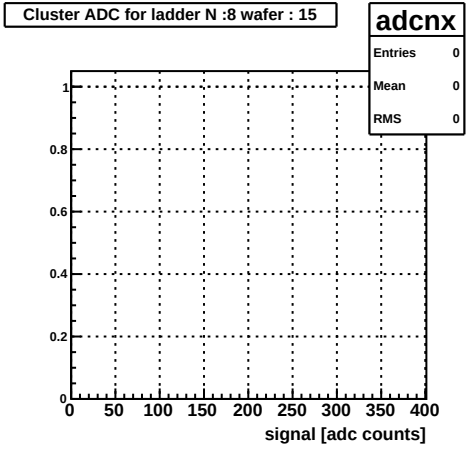

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 268
Mean 68.66
RMS 69.42
signal [adc counts]

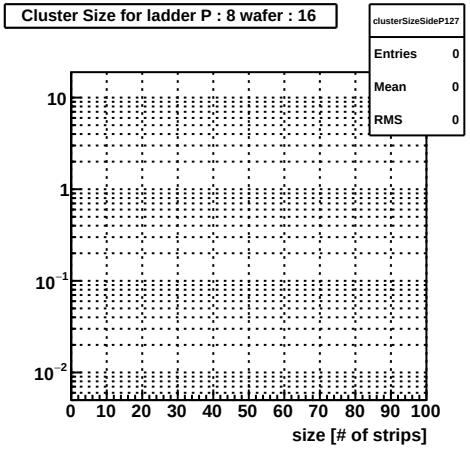

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

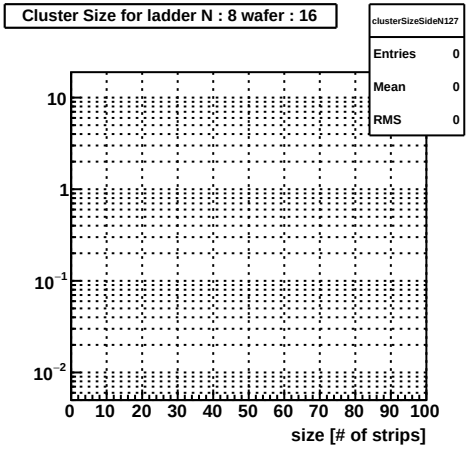

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

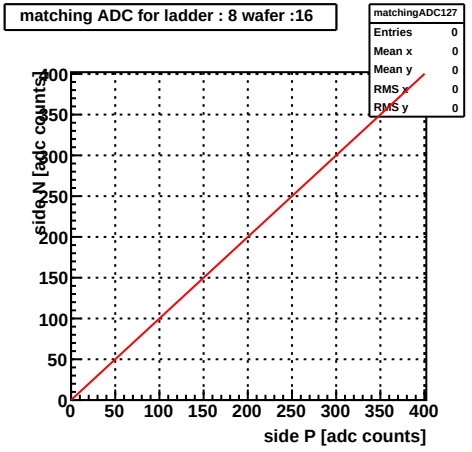

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

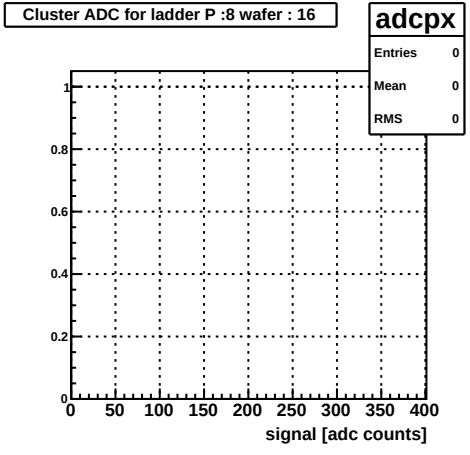

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

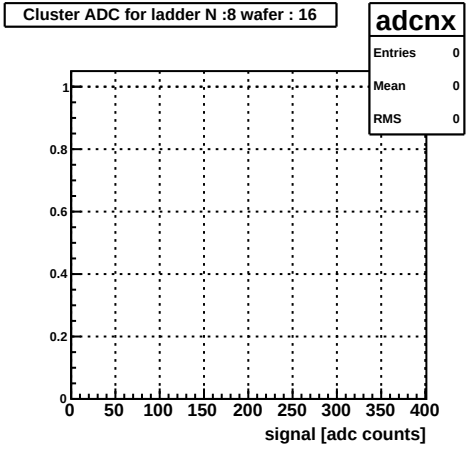

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

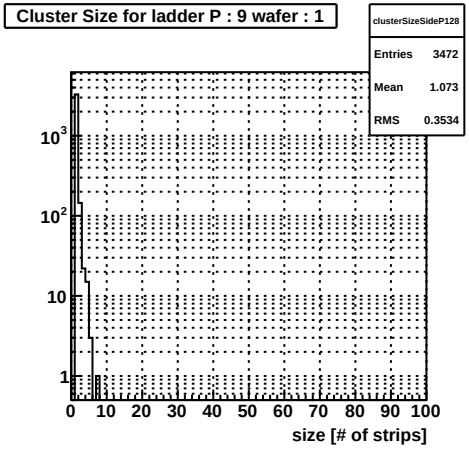

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

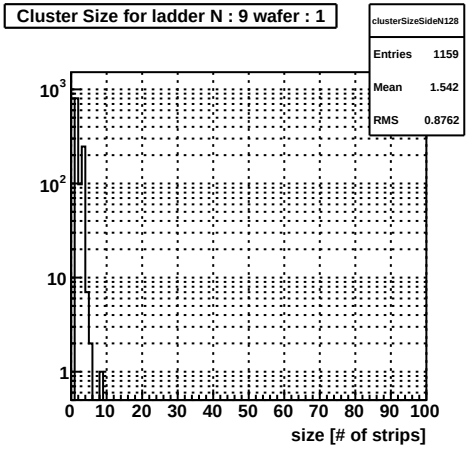

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

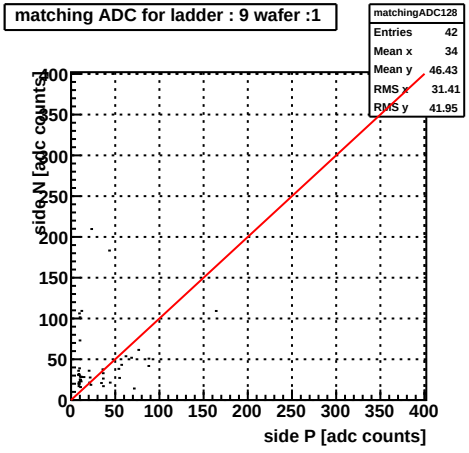

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

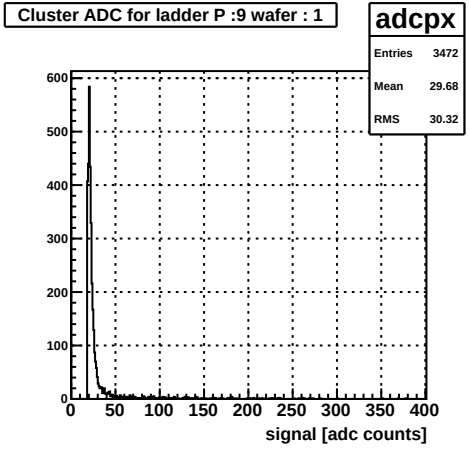

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

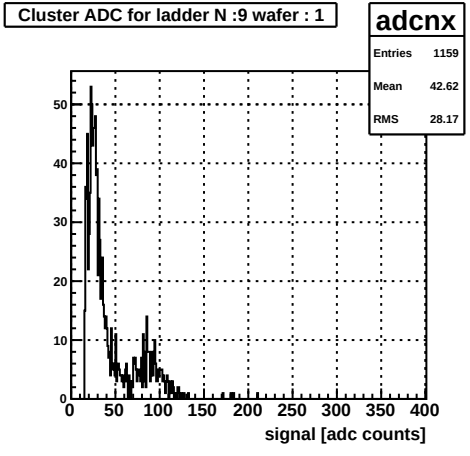

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

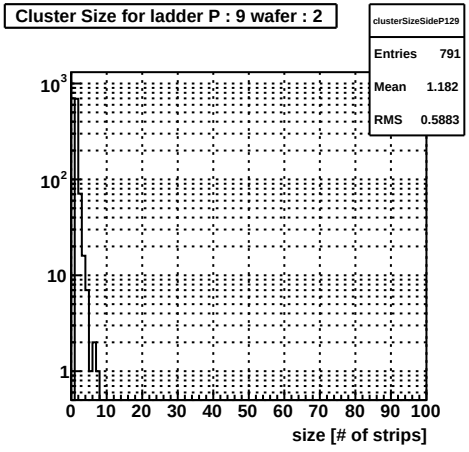

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 3472
Mean 1.073
RMS 0.3534
size [# of strips]

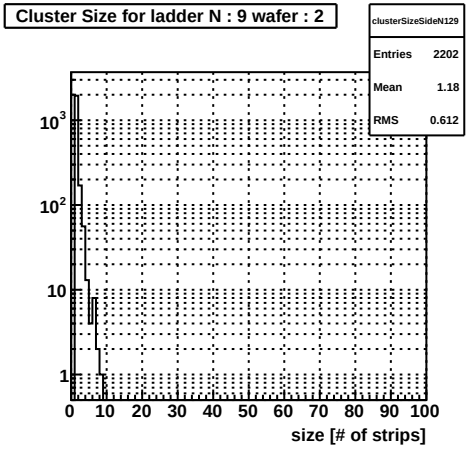

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1159
Mean 1.542
RMS 0.8762
size [# of strips]

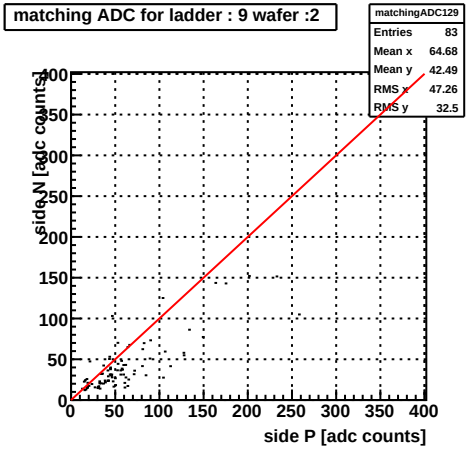

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 42
Mean x 34
Mean y 46.43
RMS x 31.41
RMS y 41.95
side N [adc counts]
side P [adc counts]

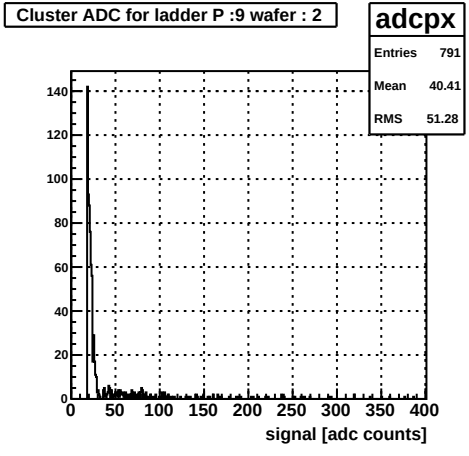

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 3472
Mean 29.68
RMS 30.32
signal [adc counts]

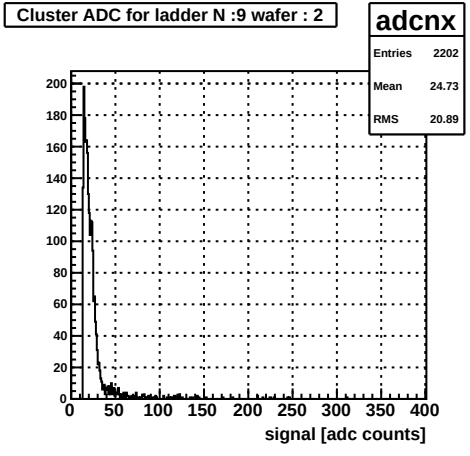

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1159
Mean 42.62
RMS 28.17
signal [adc counts]

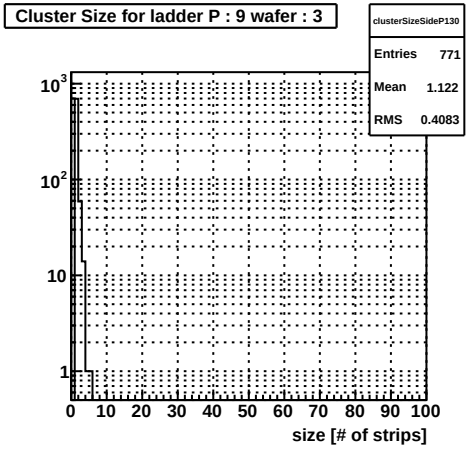

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 791
Mean 1.182
RMS 0.5883
size [# of strips]

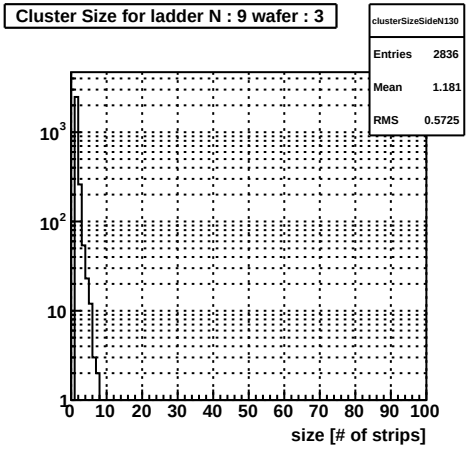

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 2202
Mean 1.18
RMS 0.612
size [# of strips]

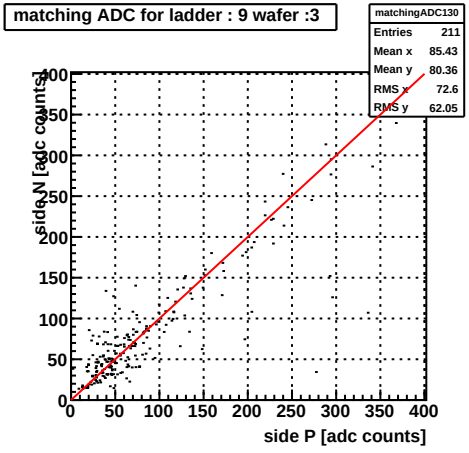

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 83
Mean x 64.68
Mean y 42.49
RMS x 47.26
RMS y 32.5
side N [adc counts]
side P [adc counts]

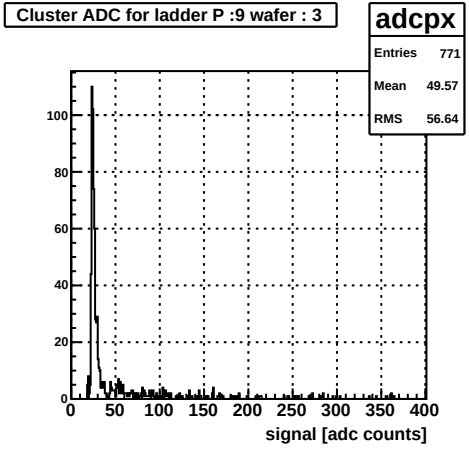

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 791
Mean 40.41
RMS 51.28
signal [adc counts]

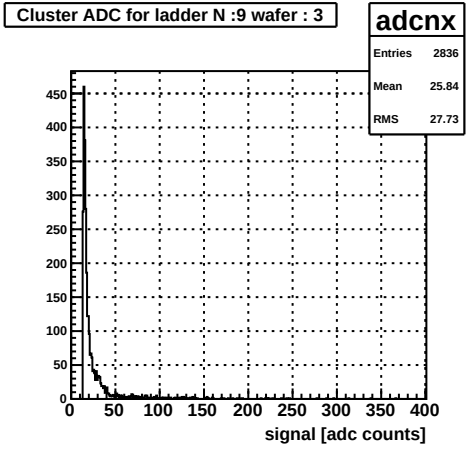

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 2202
Mean 24.73
RMS 20.89
signal [adc counts]

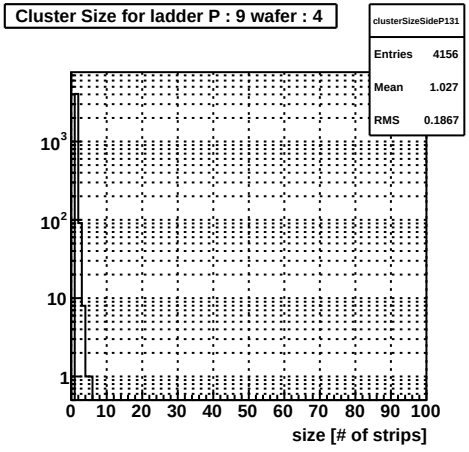

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 771
Mean 1.122
RMS 0.4083
size [# of strips]

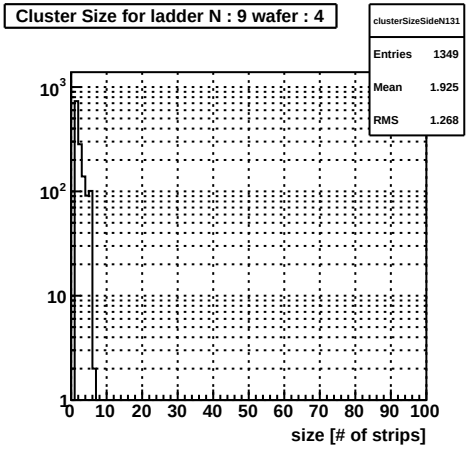

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 2836
Mean 1.181
RMS 0.5725
size [# of strips]

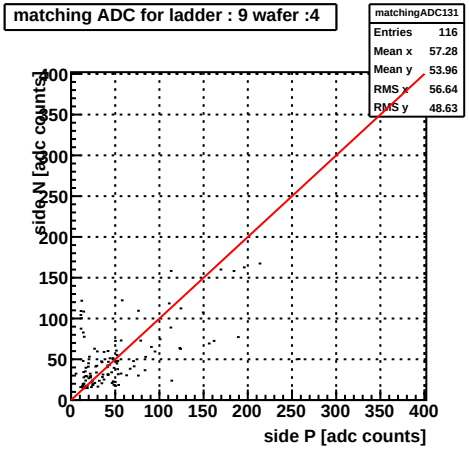

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 211
Mean x 85.43
Mean y 80.36
RMS x 72.6
RMS y 62.05
side N [adc counts]
side P [adc counts]

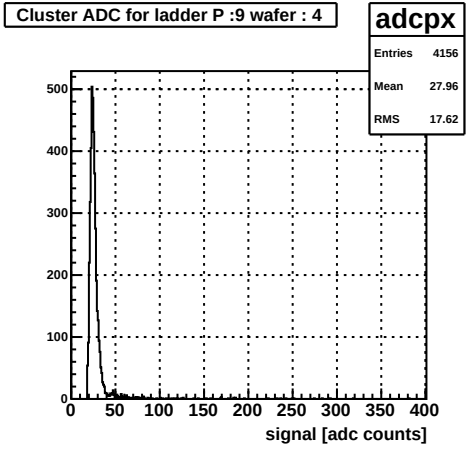

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 771
Mean 49.57
RMS 56.64
signal [adc counts]

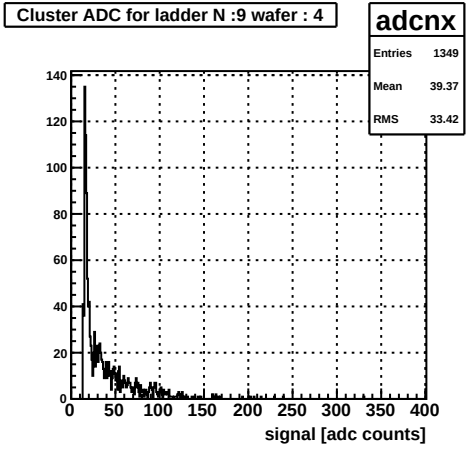

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 2836
Mean 25.84
RMS 27.73
signal [adc counts]

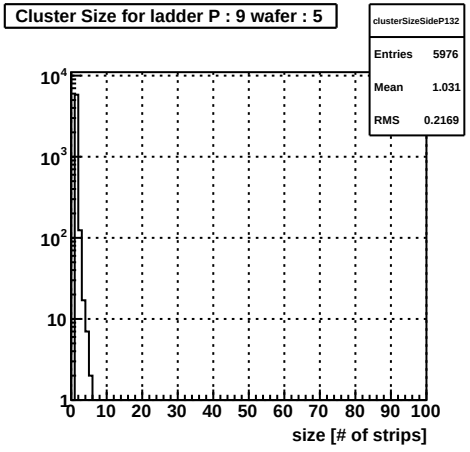

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 4156
Mean 1.027
RMS 0.1867
size [# of strips]

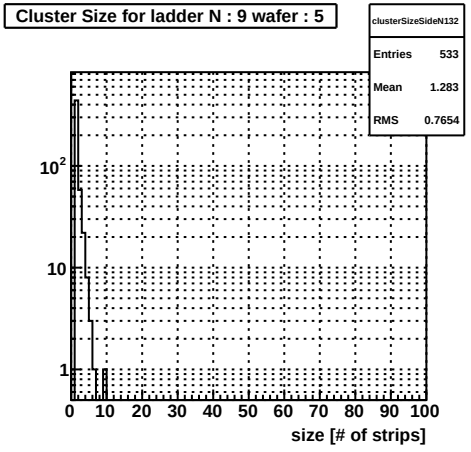

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 1349
Mean 1.925
RMS 1.268
size [# of strips]

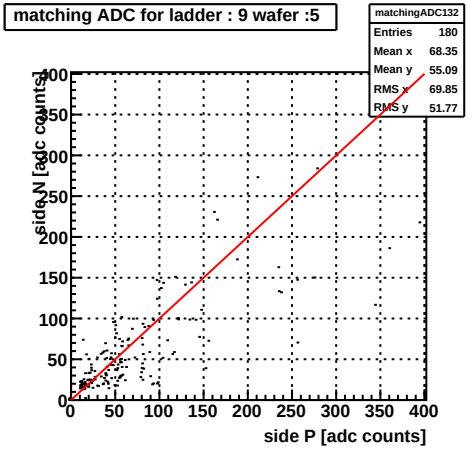

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 116
Mean x 57.28
Mean y 53.96
RMS x 56.64
RMS y 48.63
side N [adc counts]
side P [adc counts]

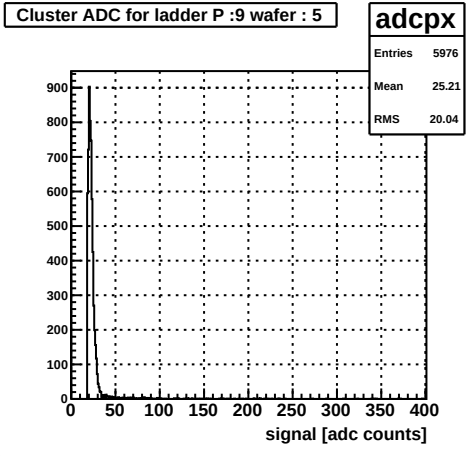

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 4156
Mean 27.96
RMS 17.62
signal [adc counts]

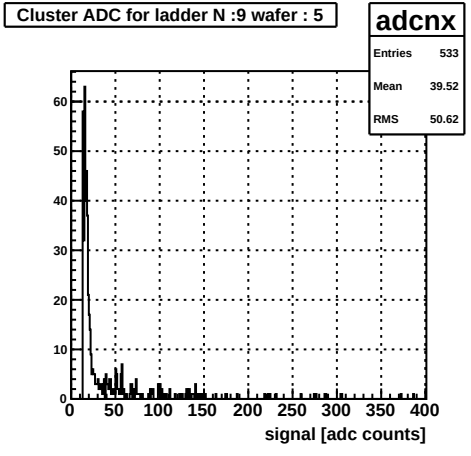

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 1349
Mean 39.37
RMS 33.42
signal [adc counts]

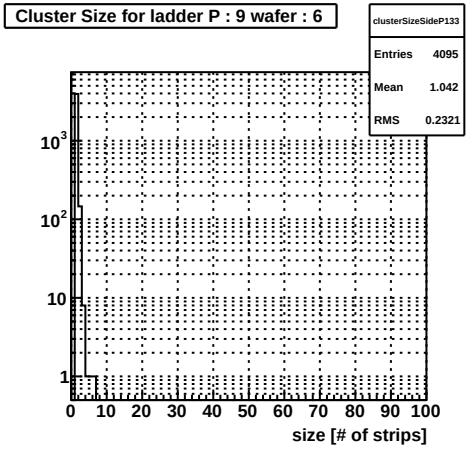

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 5976
Mean 1.031
RMS 0.2169
size [# of strips]

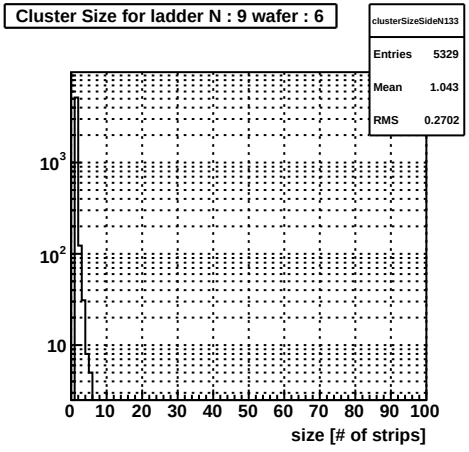

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 533
Mean 1.283
RMS 0.7654
size [# of strips]

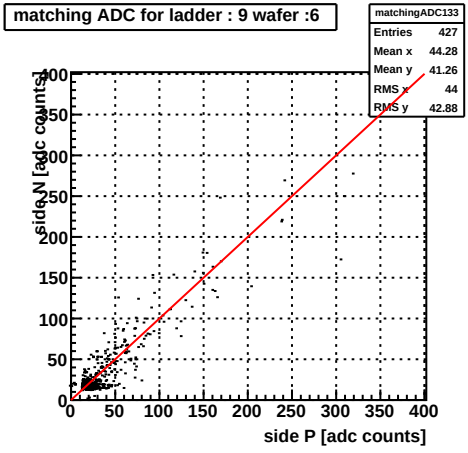

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 180
Mean x 68.35
Mean y 55.09
RMS x 69.85
RMS y 51.77
side N [adc counts]
side P [adc counts]

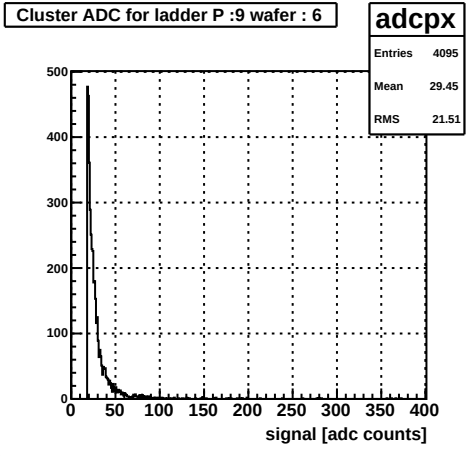

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 5976
Mean 25.21
RMS 20.04
signal [adc counts]

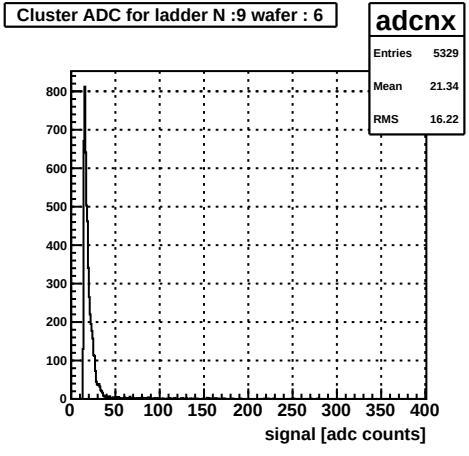

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 533
Mean 39.52
RMS 50.62
signal [adc counts]

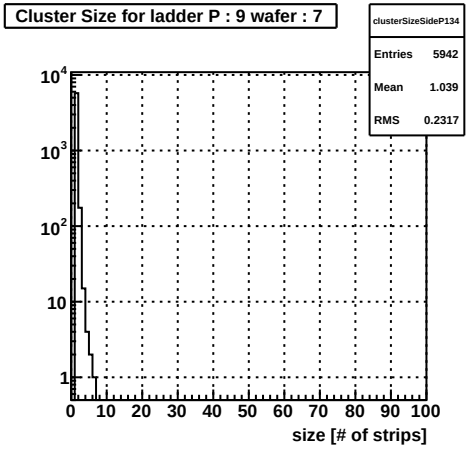

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 4095
Mean 1.042
RMS 0.2321
size [# of strips]

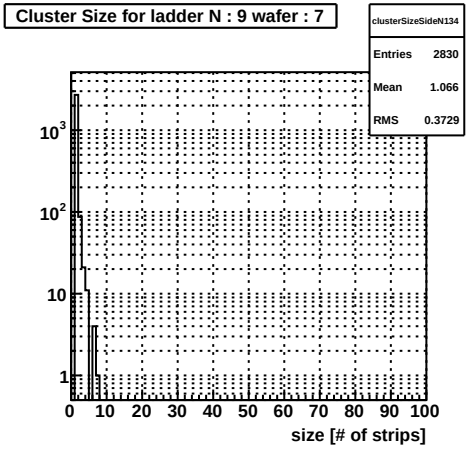

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 5329
Mean 1.043
RMS 0.2702
size [# of strips]

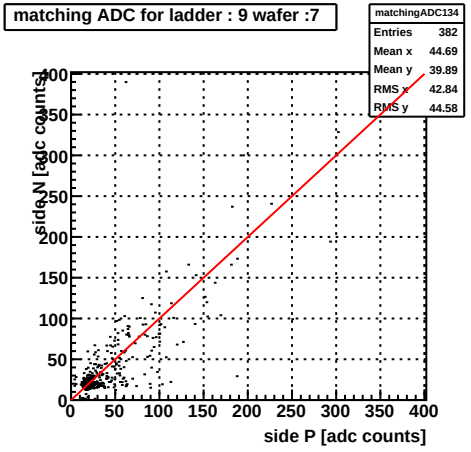

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 427
Mean x 44.28
Mean y 41.26
RMS x 44
RMS y 42.88
side N [adc counts]
side P [adc counts]

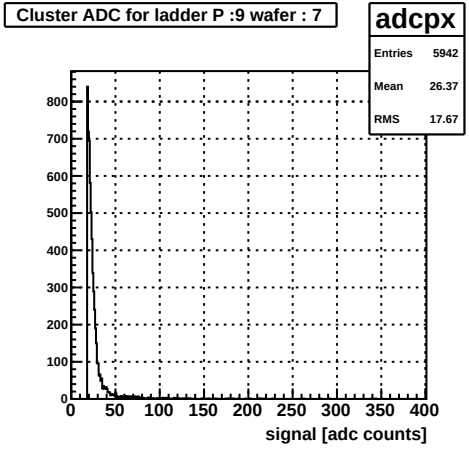

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 4095
Mean 29.45
RMS 21.51
signal [adc counts]

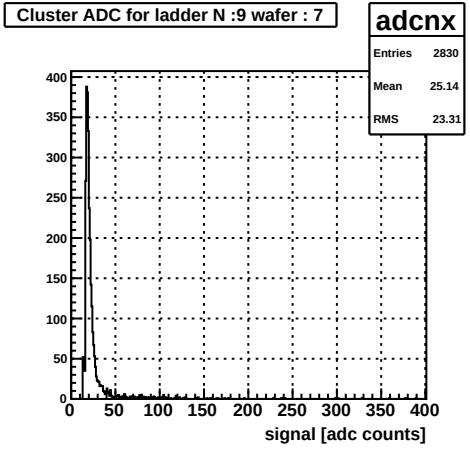

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 5329
Mean 21.34
RMS 16.22
signal [adc counts]

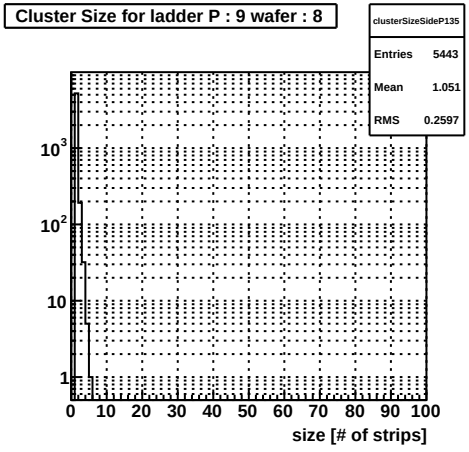

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 5942
Mean 1.039
RMS 0.2317
size [# of strips]

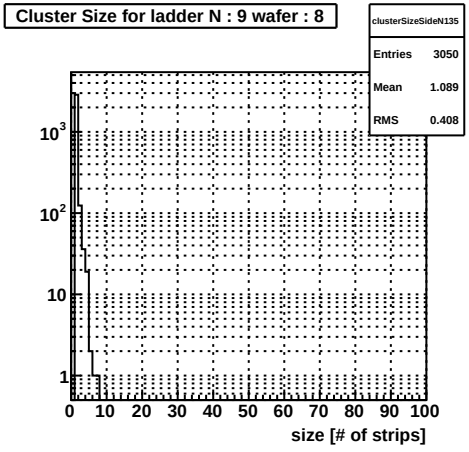

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 2830
Mean 1.066
RMS 0.3729
size [# of strips]

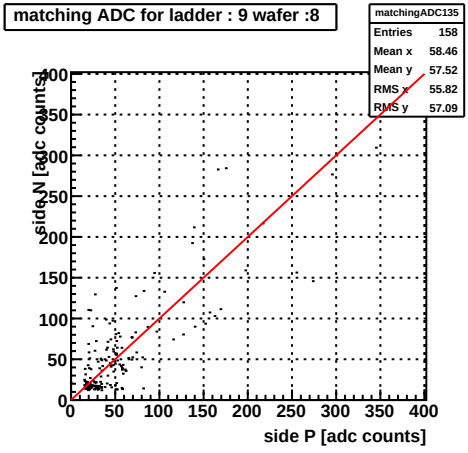

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 382
Mean x 44.69
Mean y 39.89
RMS x 42.84
RMS y 44.58
side N [adc counts]
side P [adc counts]

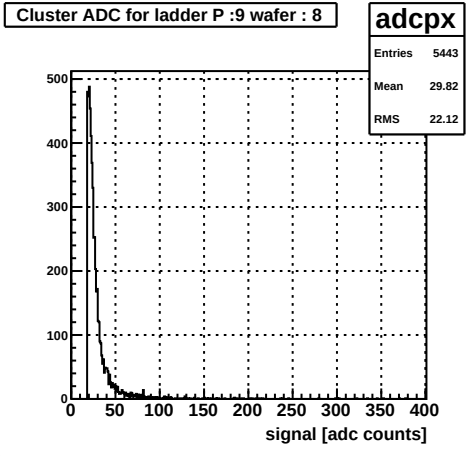

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 5942
Mean 26.37
RMS 17.67
signal [adc counts]

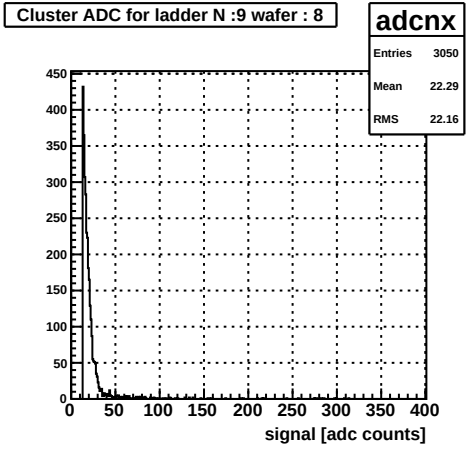

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 2830
Mean 25.14
RMS 23.31
signal [adc counts]

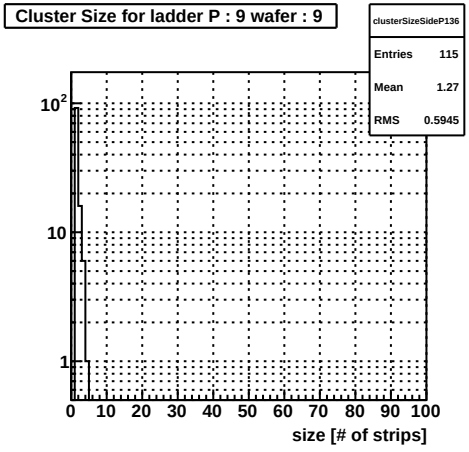

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 5443
Mean 1.051
RMS 0.2597
size [# of strips]

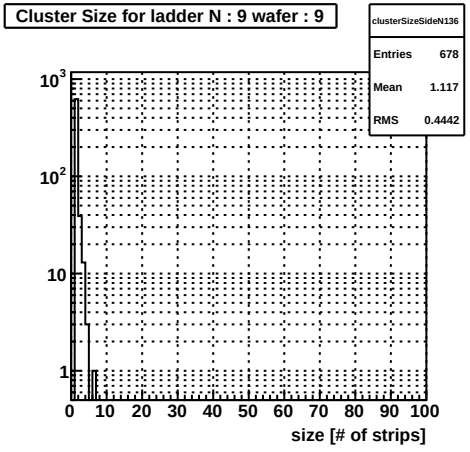

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 3050
Mean 1.089
RMS 0.408
size [# of strips]

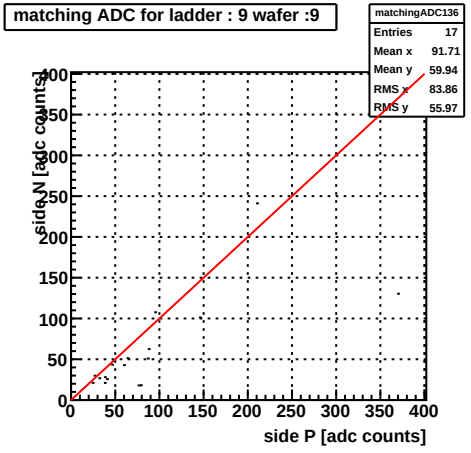

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 158
Mean x 58.46
Mean y 57.52
RMS x 55.82
RMS y 57.09
side N [adc counts]
side P [adc counts]

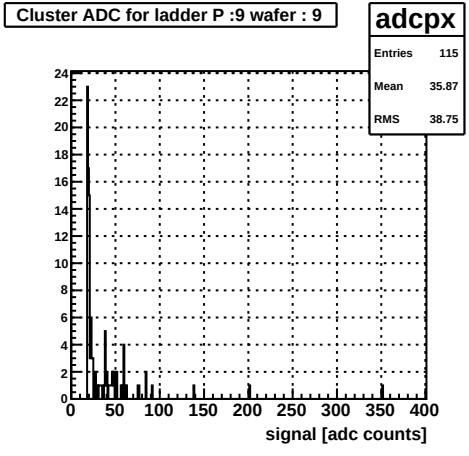

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 5443
Mean 29.82
RMS 22.12
signal [adc counts]

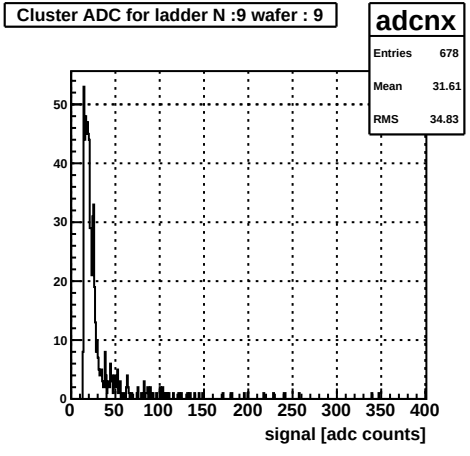

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 3050
Mean 22.29
RMS 22.16
signal [adc counts]

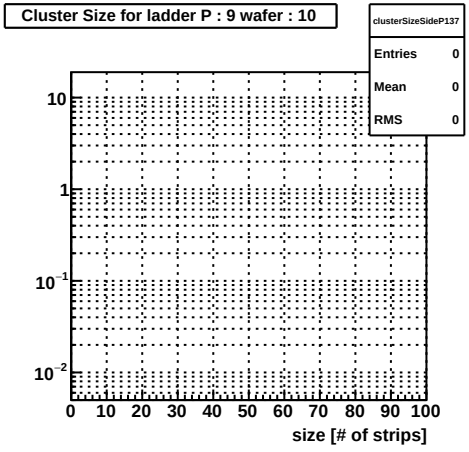

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 115
Mean 1.27
RMS 0.5945
size [# of strips]

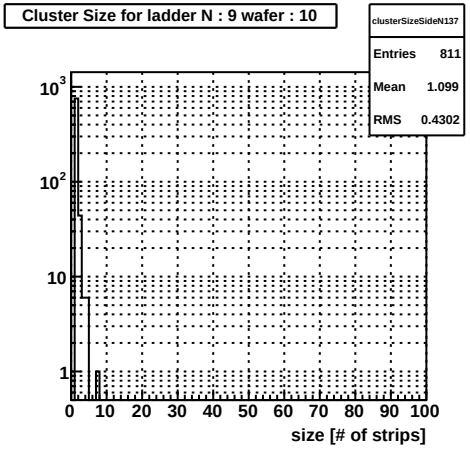

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 678
Mean 1.117
RMS 0.4442
size [# of strips]

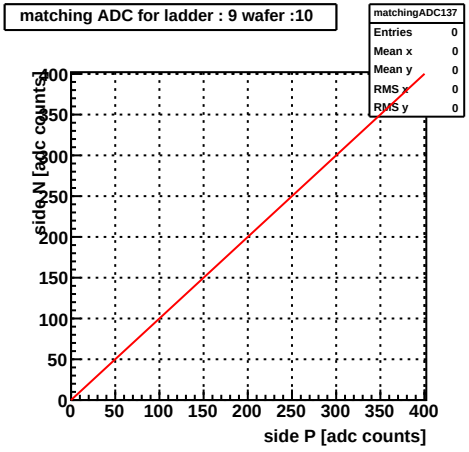

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 17
Mean x 91.71
Mean y 59.94
RMS x 83.86
RMS y 55.97
side N [adc counts]
side P [adc counts]

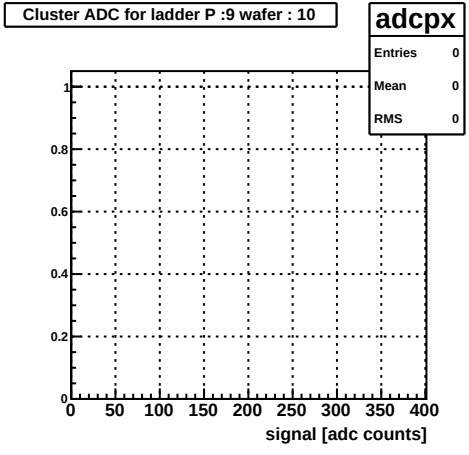

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 115
Mean 35.87
RMS 38.75
signal [adc counts]

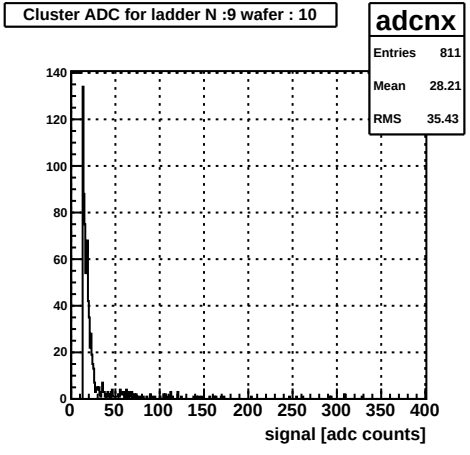

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 678
Mean 31.61
RMS 34.83
signal [adc counts]

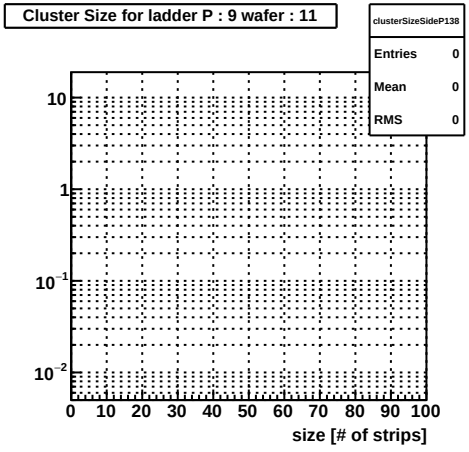

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

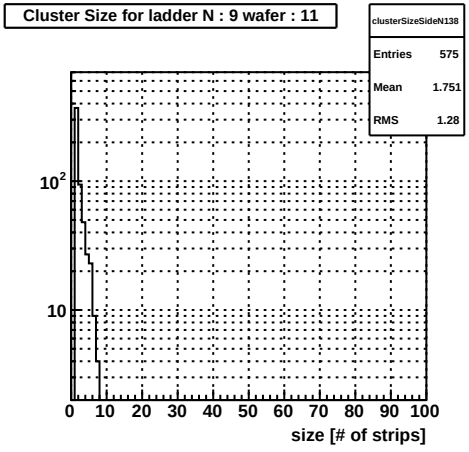

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 811
Mean 1.099
RMS 0.4302
size [# of strips]

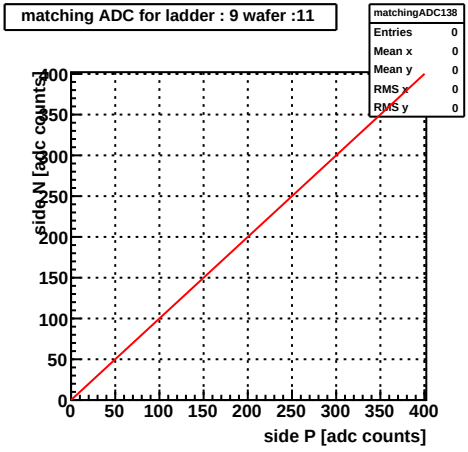

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

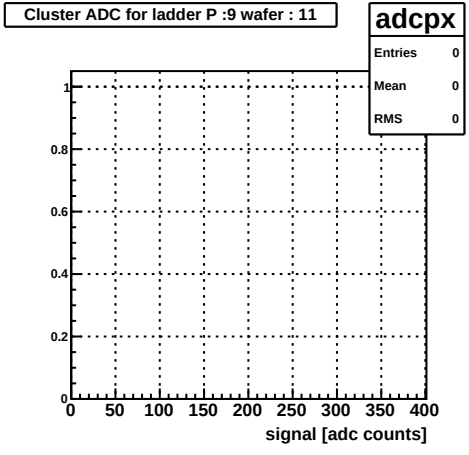

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

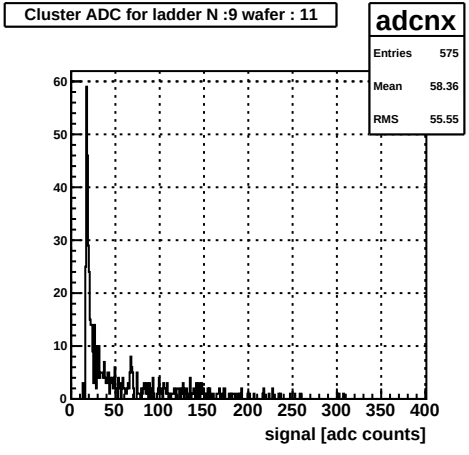

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 811
Mean 28.21
RMS 35.43
signal [adc counts]

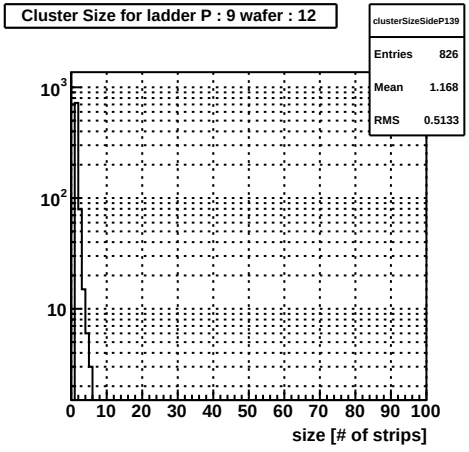

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

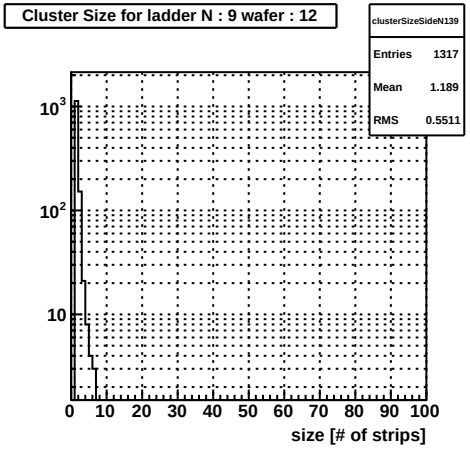

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 575
Mean 1.751
RMS 1.28
size [# of strips]

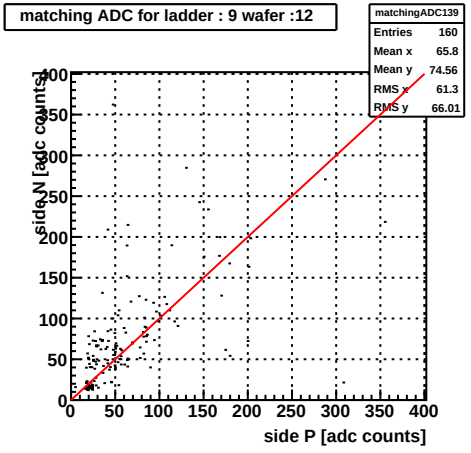

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

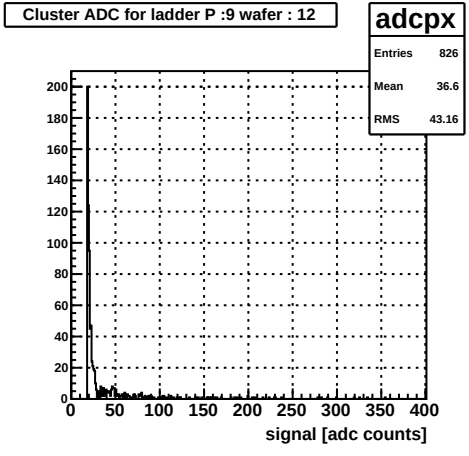

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

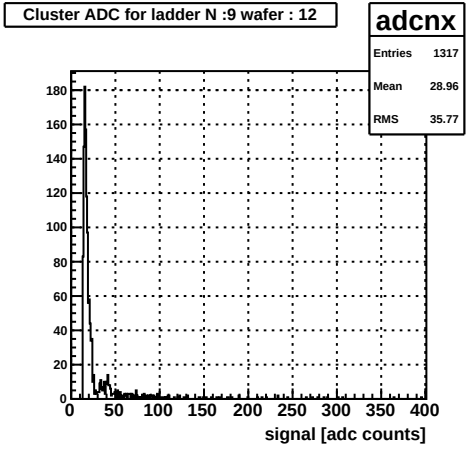

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 575
Mean 58.36
RMS 55.55
signal [adc counts]

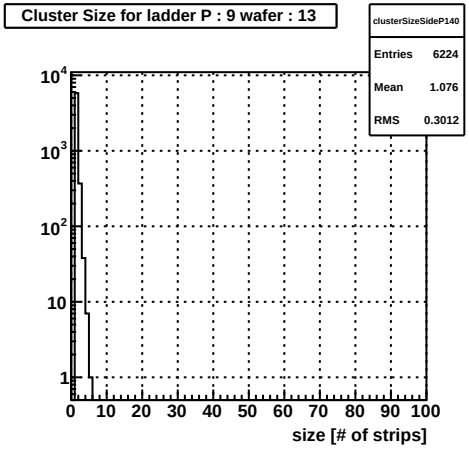

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 826
Mean 1.168
RMS 0.5133
size [# of strips]

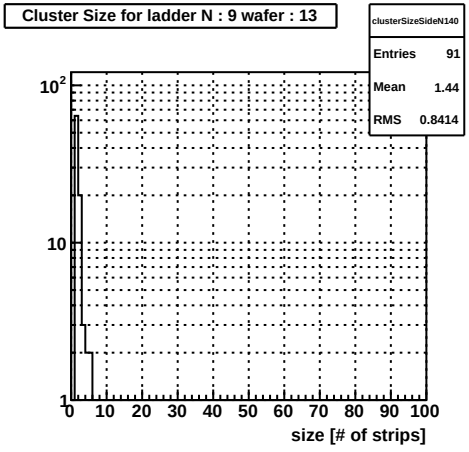

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1317
Mean 1.189
RMS 0.5511
size [# of strips]

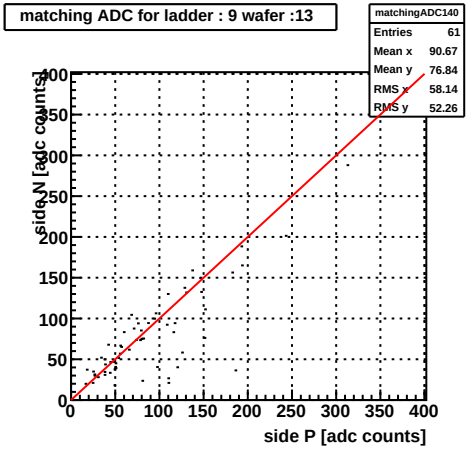

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 160
Mean x 65.8
Mean y 74.56
RMS x 61.3
RMS y 66.01
side N [adc counts]
side P [adc counts]

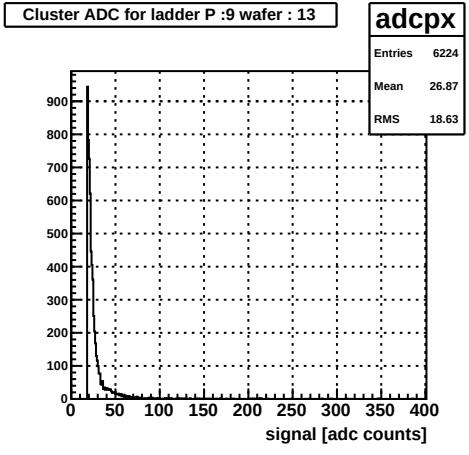

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 826
Mean 36.6
RMS 43.16
signal [adc counts]

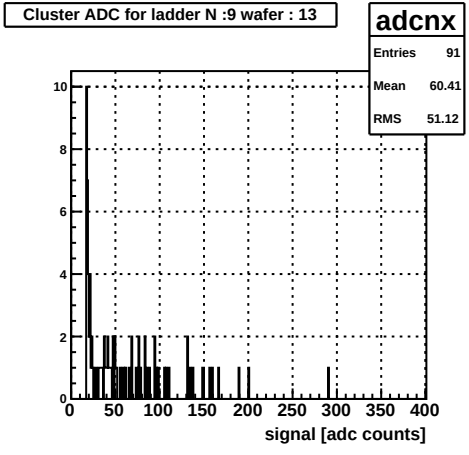

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1317
Mean 28.96
RMS 35.77
signal [adc counts]

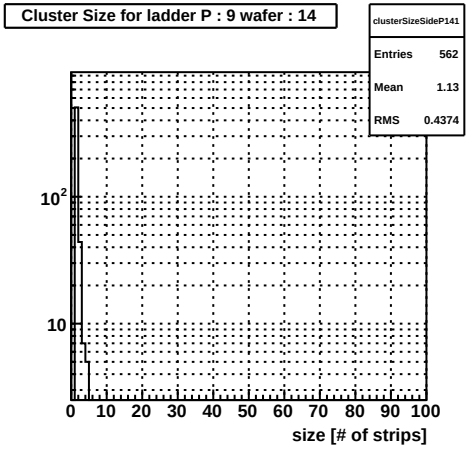

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 6224
Mean 1.076
RMS 0.3012
size [# of strips]

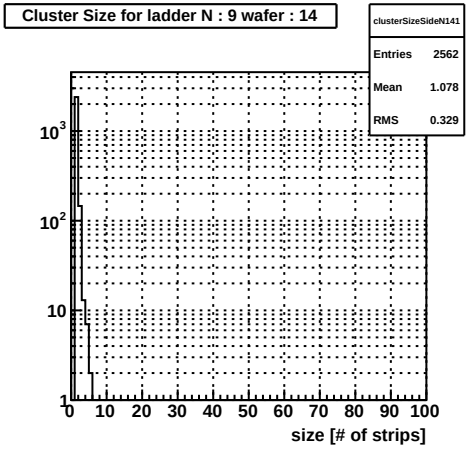

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 91
Mean 1.44
RMS 0.8414
size [# of strips]

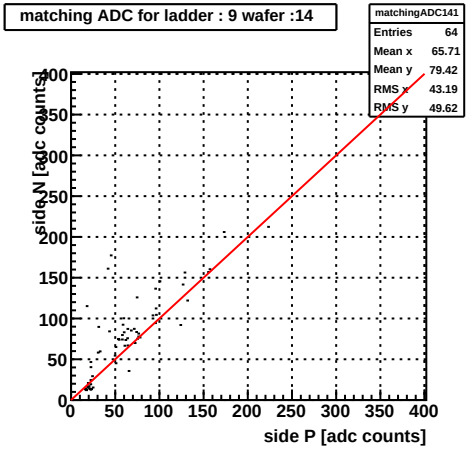

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 61
Mean x 90.67
Mean y 76.84
RMS x 58.14
RMS y 52.26
side N [adc counts]
side P [adc counts]

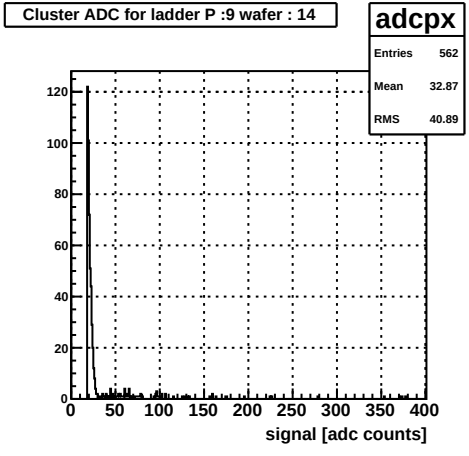

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 6224
Mean 26.87
RMS 18.63
signal [adc counts]

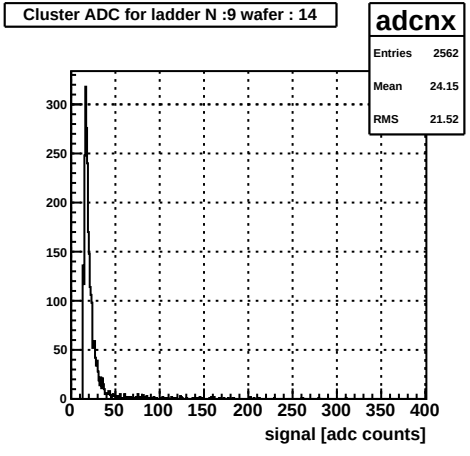

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 91
Mean 60.41
RMS 51.12
signal [adc counts]

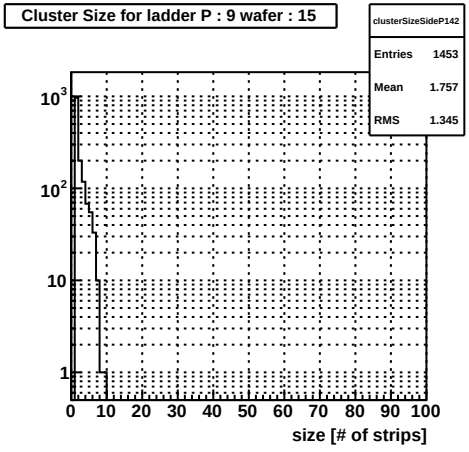

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 562
Mean 1.13
RMS 0.4374
size [# of strips]

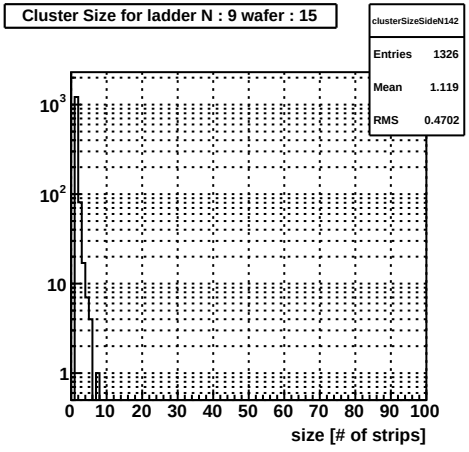

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 2562
Mean 1.078
RMS 0.329
size [# of strips]

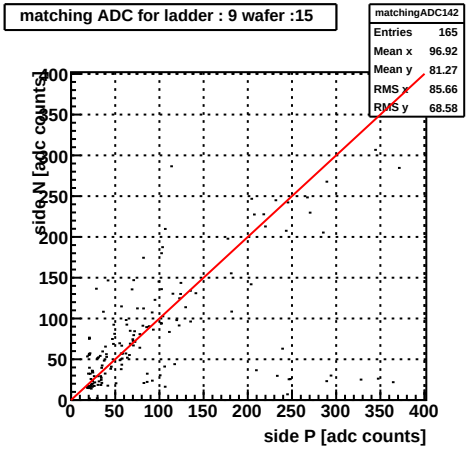

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 64
Mean x 65.71
Mean y 79.42
RMS x 43.19
RMS y 49.62
side N [adc counts]
side P [adc counts]

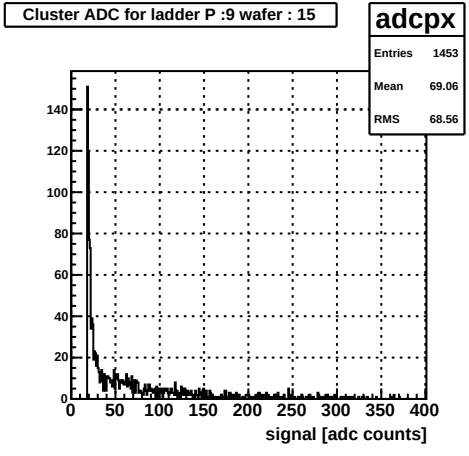

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 562
Mean 32.87
RMS 40.89
signal [adc counts]

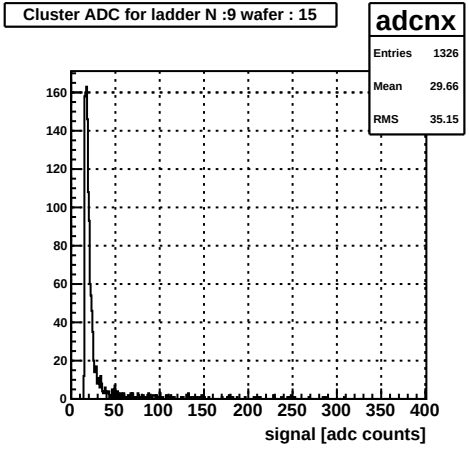

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 2562
Mean 24.15
RMS 21.52
signal [adc counts]

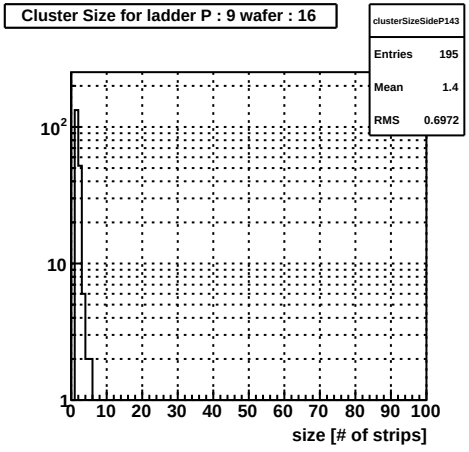

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 1453
Mean 1.757
RMS 1.345
size [# of strips]

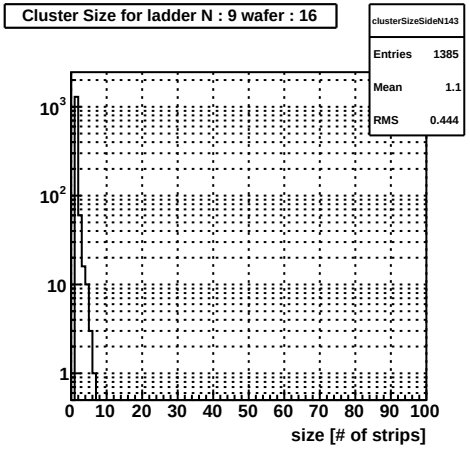

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1326
Mean 1.119
RMS 0.4702
size [# of strips]

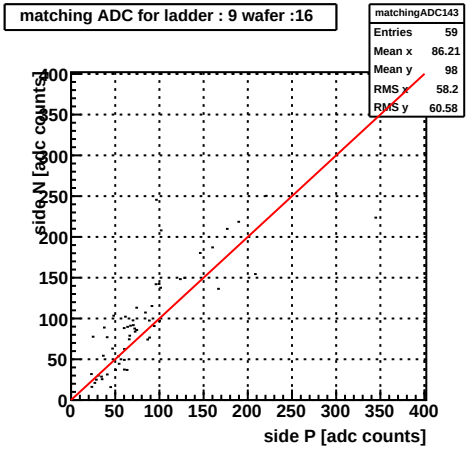

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 165
Mean x 96.92
Mean y 81.27
RMS x 85.66
RMS y 68.58
side N [adc counts]
side P [adc counts]

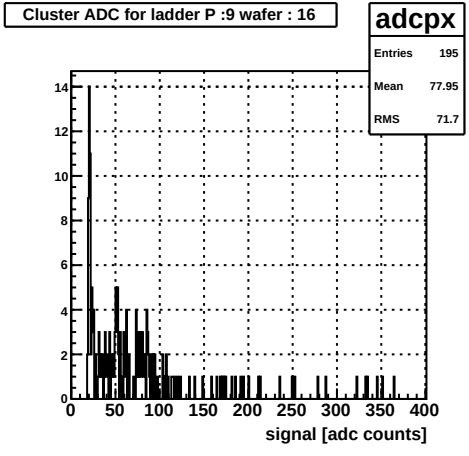

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 1453
Mean 69.06
RMS 68.56
signal [adc counts]

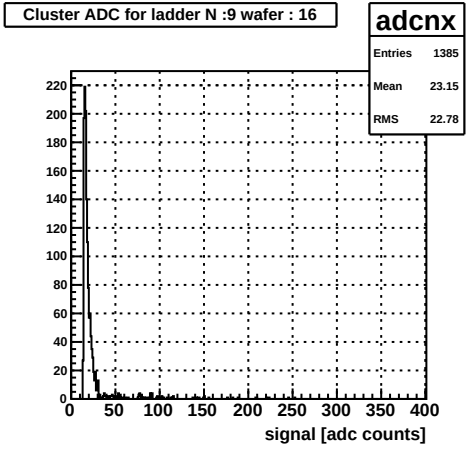

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1326
Mean 29.66
RMS 35.15
signal [adc counts]

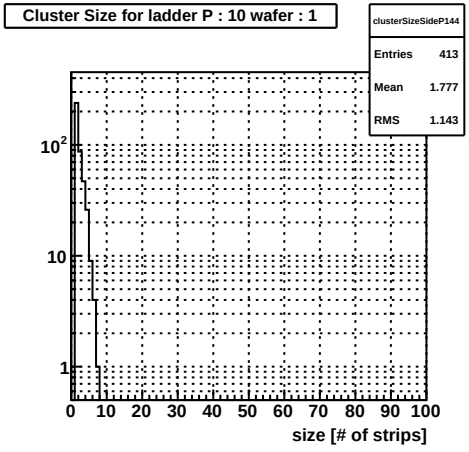

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 195
Mean 1.4
RMS 0.6972
size [# of strips]

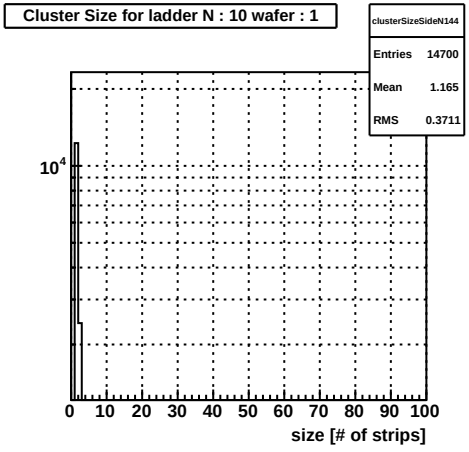

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1385
Mean 1.1
RMS 0.444
size [# of strips]

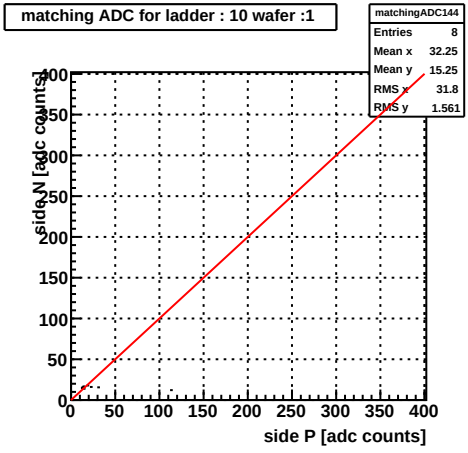

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 59
Mean x 86.21
Mean y 98
RMS x 58.2
RMS y 60.58
side N [adc counts]
side P [adc counts]

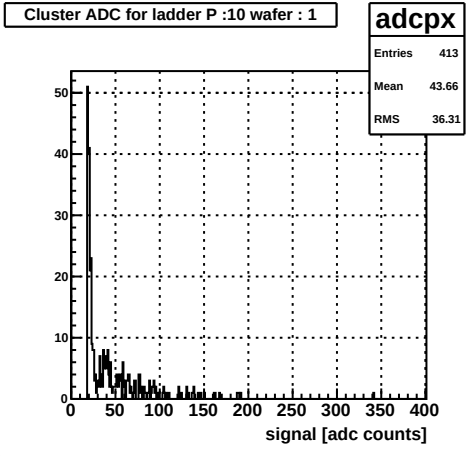

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 195
Mean 77.95
RMS 71.7
signal [adc counts]

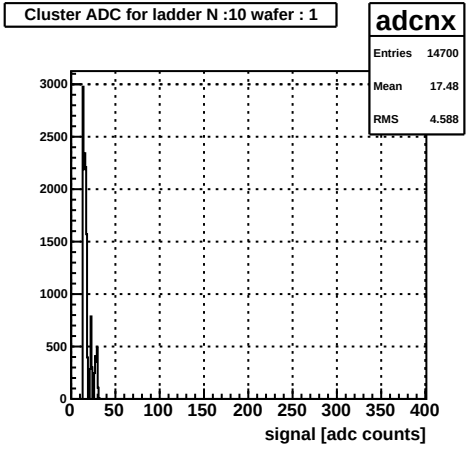

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1385
Mean 23.15
RMS 22.78
signal [adc counts]

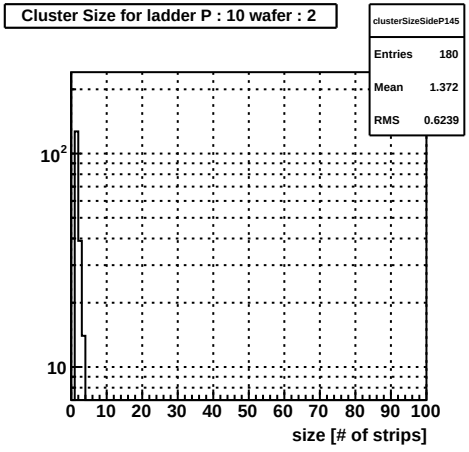

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 413
Mean 1.777
RMS 1.143
size [# of strips]

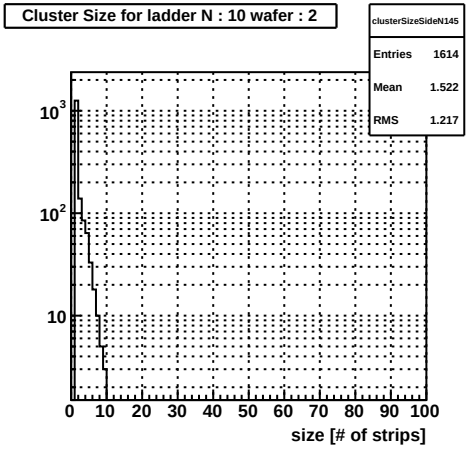

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 14700
Mean 1.165
RMS 0.3711
size [# of strips]

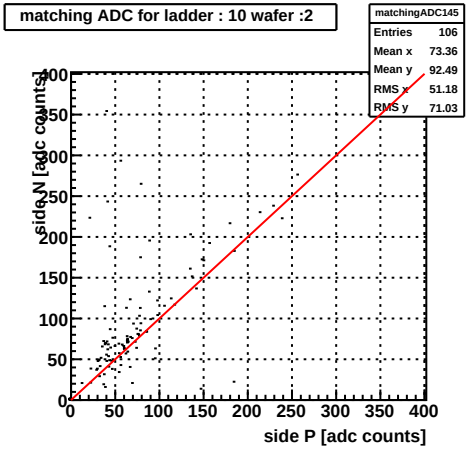

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 8
Mean x 32.25
Mean y 15.25
RMS x 31.8
RMS y 1.561
side N [adc counts]
side P [adc counts]

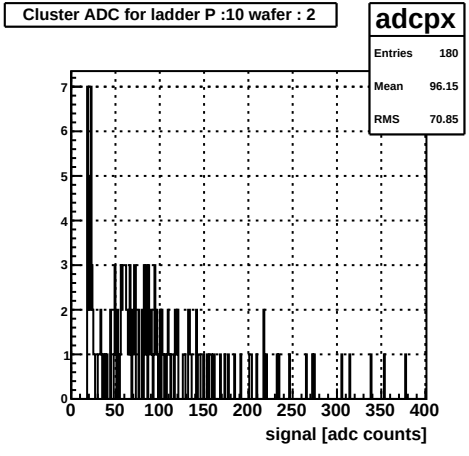

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 413
Mean 43.66
RMS 36.31
signal [adc counts]

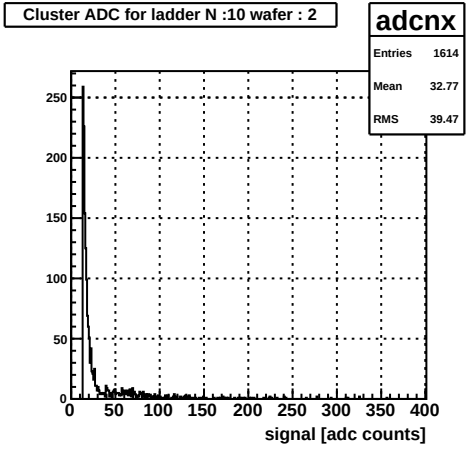

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 14700
Mean 17.48
RMS 4.588
signal [adc counts]

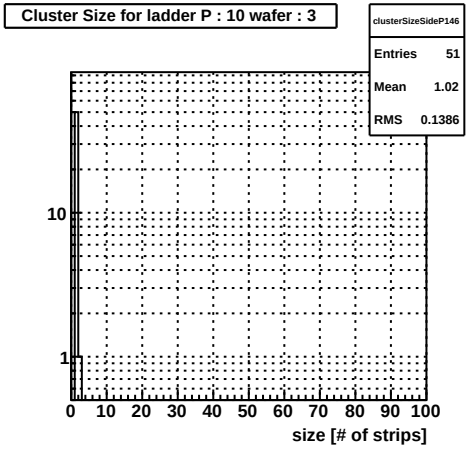

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 180
Mean 1.372
RMS 0.6239
size [# of strips]

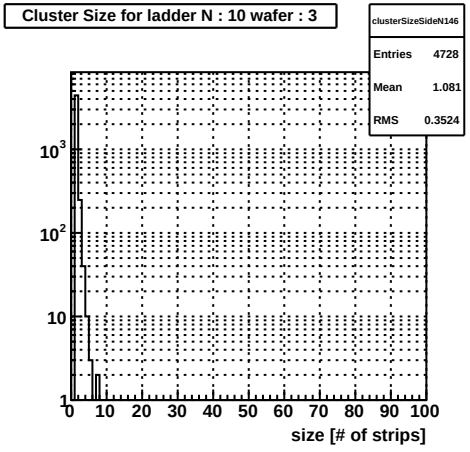

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1614
Mean 1.522
RMS 1.217
size [# of strips]

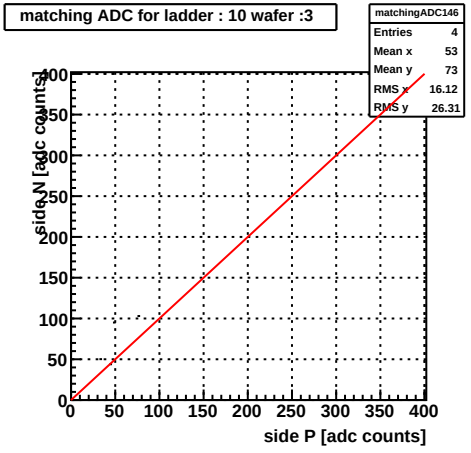

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 106
Mean x 73.36
Mean y 92.49
RMS x 51.18
RMS y 71.03
side N [adc counts]
side P [adc counts]

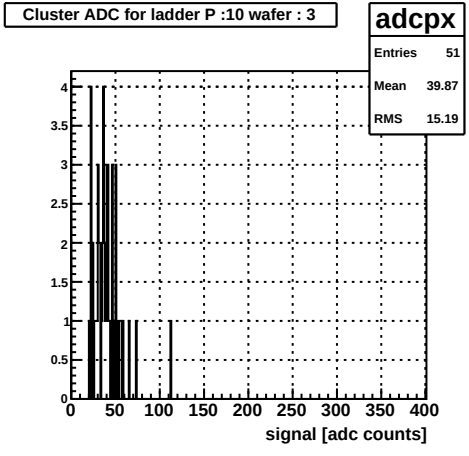

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 180
Mean 96.15
RMS 70.85
signal [adc counts]

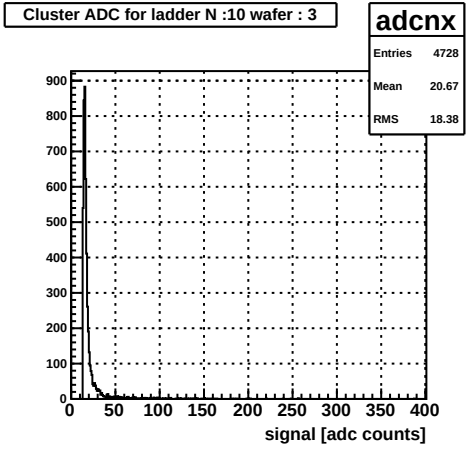

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1614
Mean 32.77
RMS 39.47
signal [adc counts]

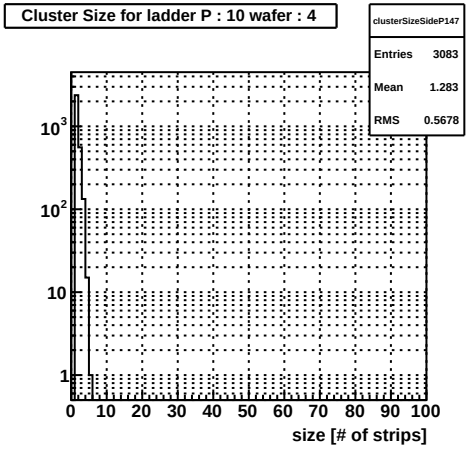

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 51
Mean 1.02
RMS 0.1386
size [# of strips]

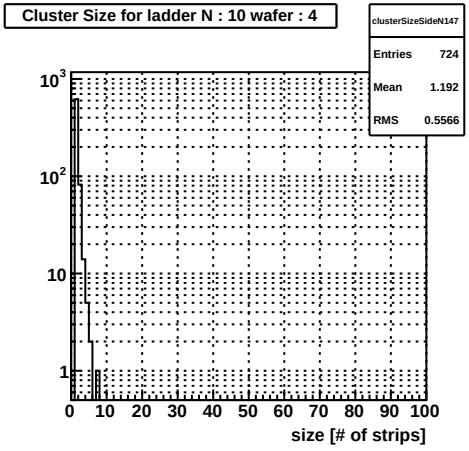

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 4728
Mean 1.081
RMS 0.3524
size [# of strips]

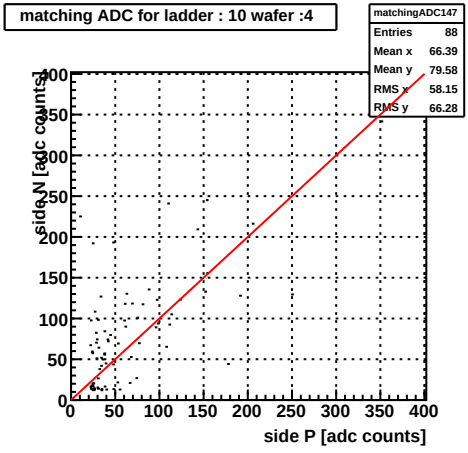

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 4
Mean x 53
Mean y 73
RMS x 16.12
RMS y 26.31
side N [adc counts]
side P [adc counts]

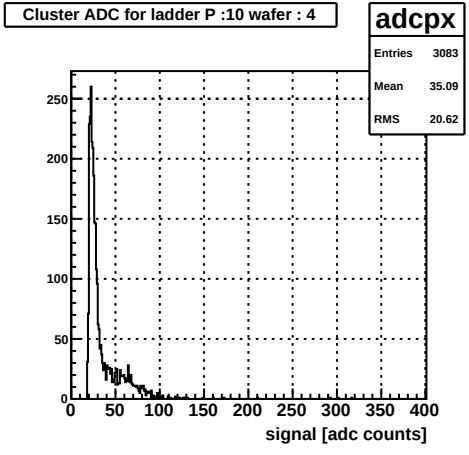

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 51
Mean 39.87
RMS 15.19
signal [adc counts]

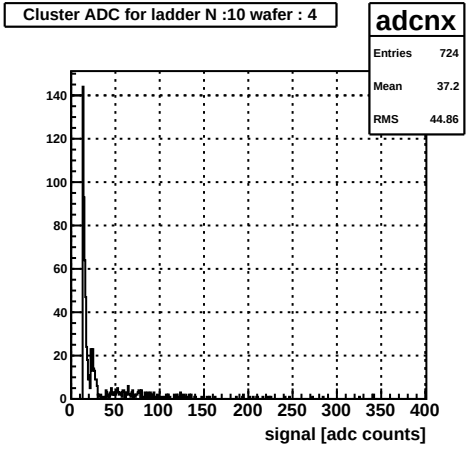

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 4728
Mean 20.67
RMS 18.38
signal [adc counts]

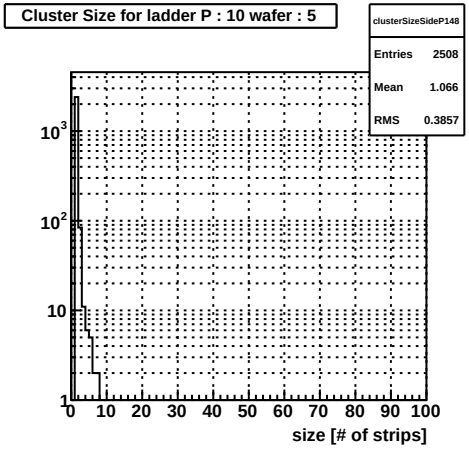

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 3083
Mean 1.283
RMS 0.5678
size [# of strips]

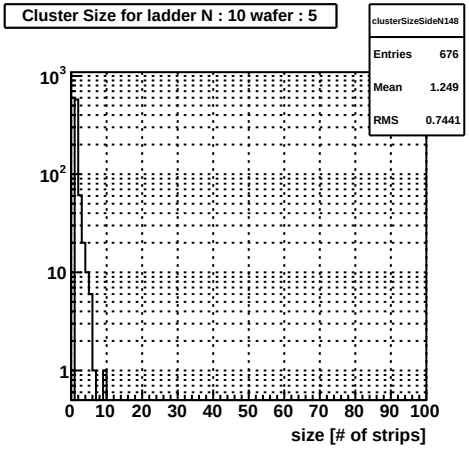

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 724
Mean 1.192
RMS 0.5566
size [# of strips]

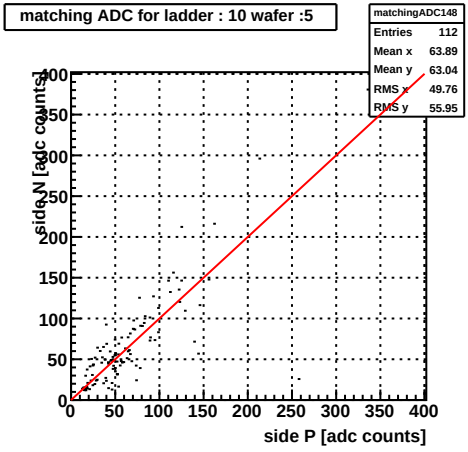

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 88
Mean x 66.39
Mean y 79.58
RMS x 58.15
RMS y 66.28
side N [adc counts]
side P [adc counts]

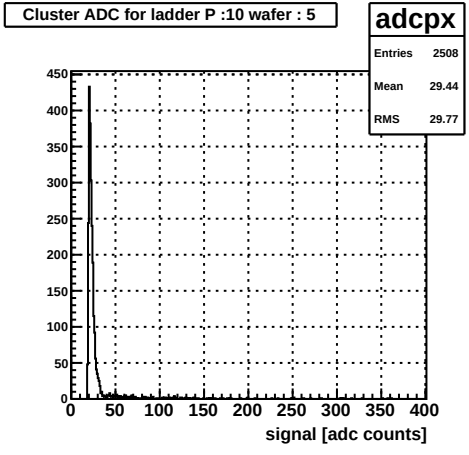

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 3083
Mean 35.09
RMS 20.62
signal [adc counts]

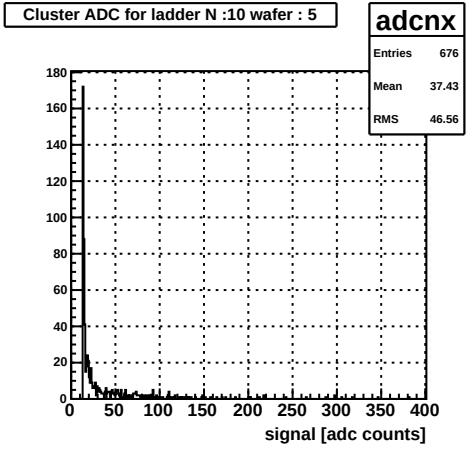

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 724
Mean 37.2
RMS 44.86
signal [adc counts]

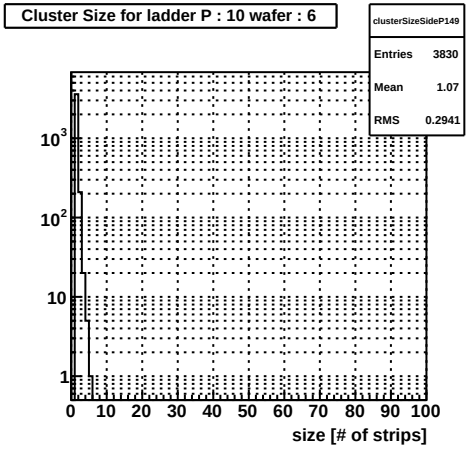

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 2508
Mean 1.066
RMS 0.3857
size [# of strips]

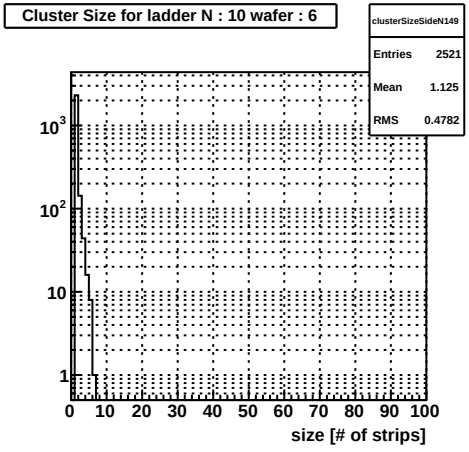

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 676
Mean 1.249
RMS 0.7441
size [# of strips]

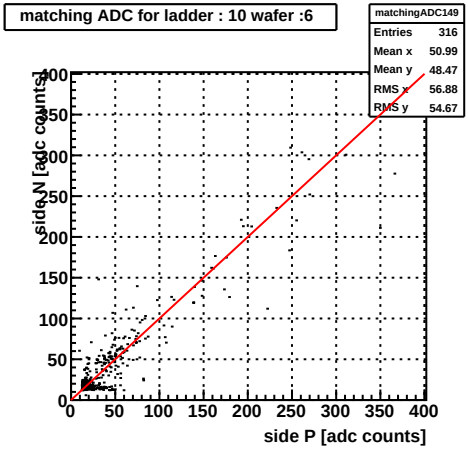

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 112
Mean x 63.89
Mean y 63.04
RMS x 49.76
RMS y 55.95
side N [adc counts]
side P [adc counts]

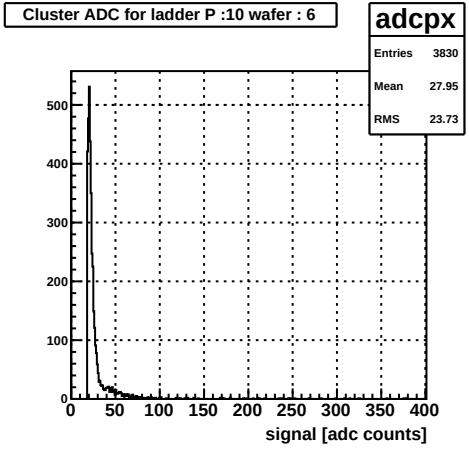

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 2508
Mean 29.44
RMS 29.77
signal [adc counts]

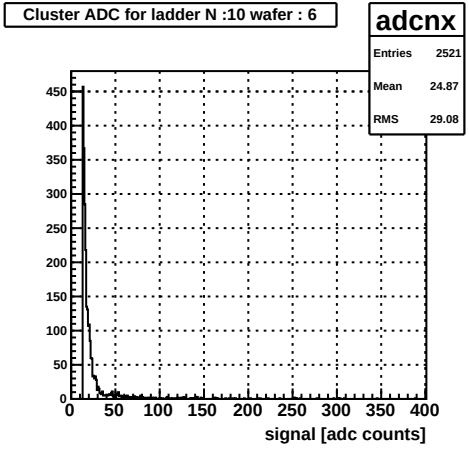

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 676
Mean 37.43
RMS 46.56
signal [adc counts]

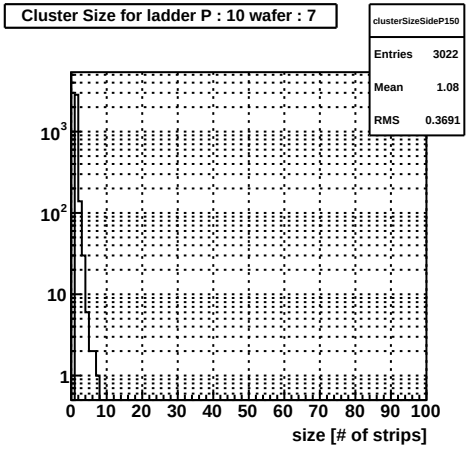

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 3830
Mean 1.07
RMS 0.2941
size [# of strips]

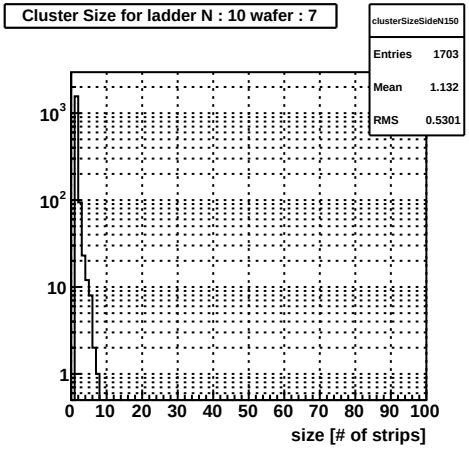

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 2521
Mean 1.125
RMS 0.4782
size [# of strips]

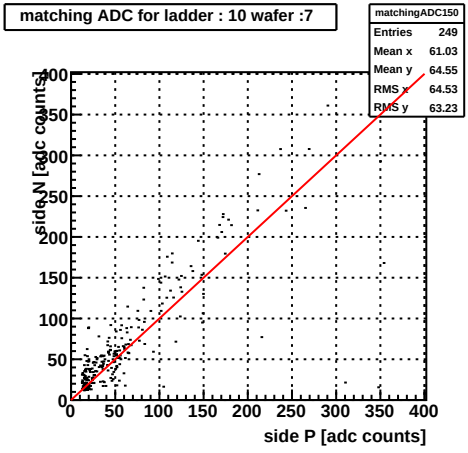

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 316
Mean x 50.99
Mean y 48.47
RMS x 56.88
RMS y 54.67
side N [adc counts]
side P [adc counts]

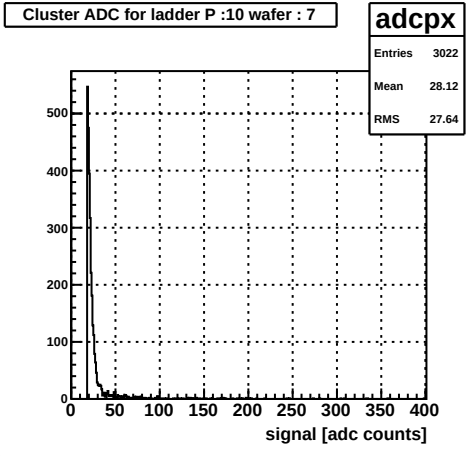

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 3830
Mean 27.95
RMS 23.73
signal [adc counts]

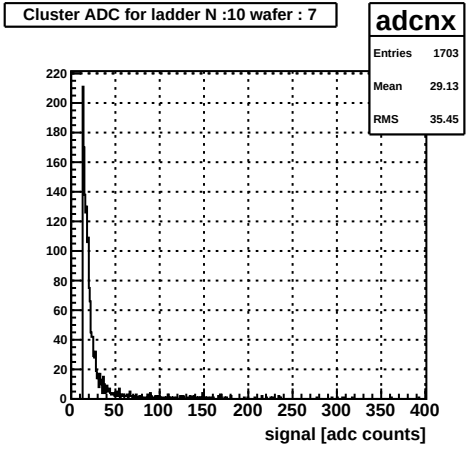

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 2521
Mean 24.87
RMS 29.08
signal [adc counts]

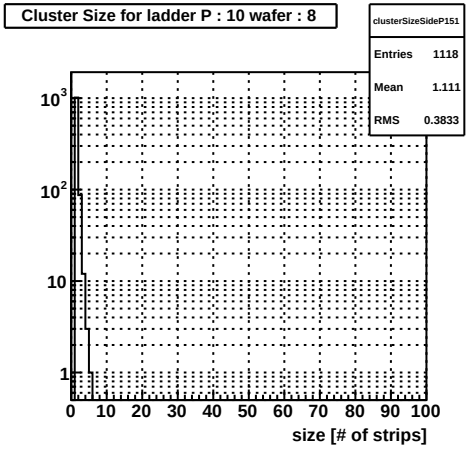

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 3022
Mean 1.08
RMS 0.3691
size [# of strips]

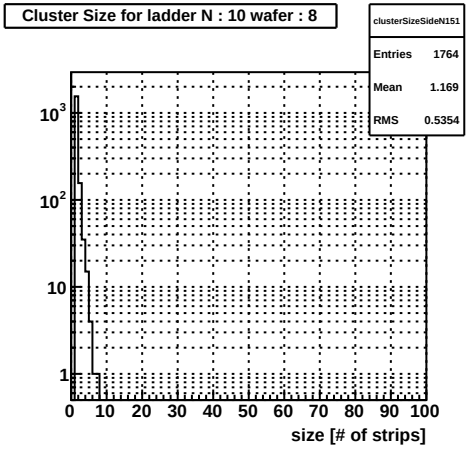

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 1703
Mean 1.132
RMS 0.5301
size [# of strips]

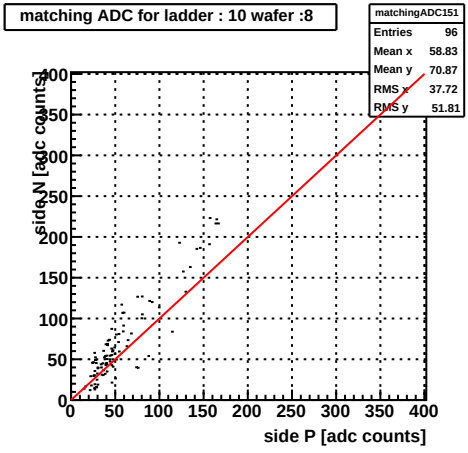

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 249
Mean x 61.03
Mean y 64.55
RMS x 64.53
RMS y 63.23
side N [adc counts]
side P [adc counts]

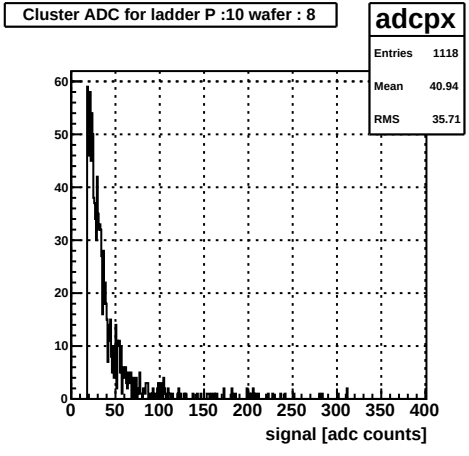

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 3022
Mean 28.12
RMS 27.64
signal [adc counts]

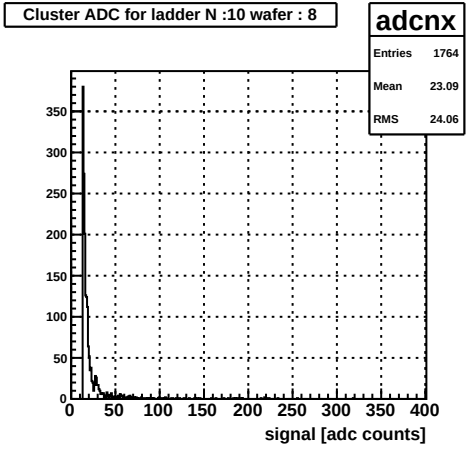

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 1703
Mean 29.13
RMS 35.45
signal [adc counts]

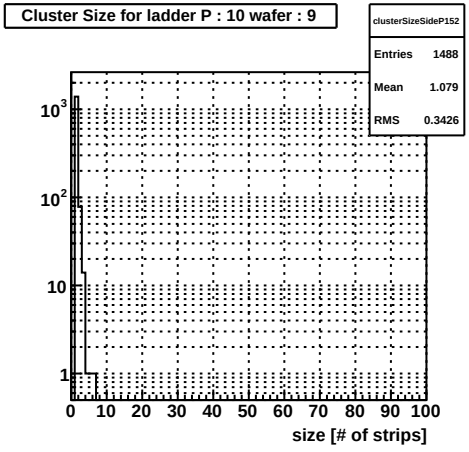

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1118
Mean 1.111
RMS 0.3833
size [# of strips]

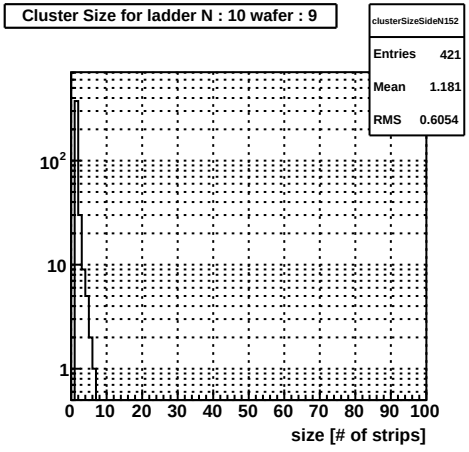

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 1764
Mean 1.169
RMS 0.5354
size [# of strips]

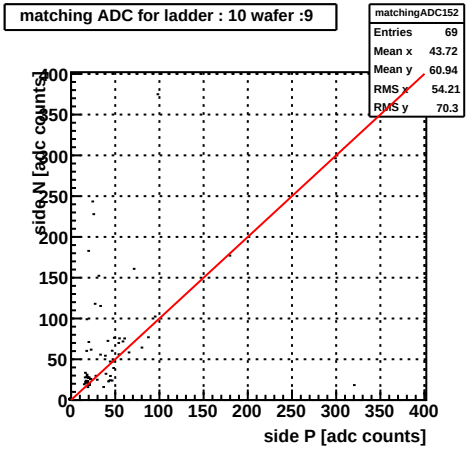

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 96
Mean x 58.83
Mean y 70.87
RMS x 37.72
RMS y 51.81
side N [adc counts]
side P [adc counts]

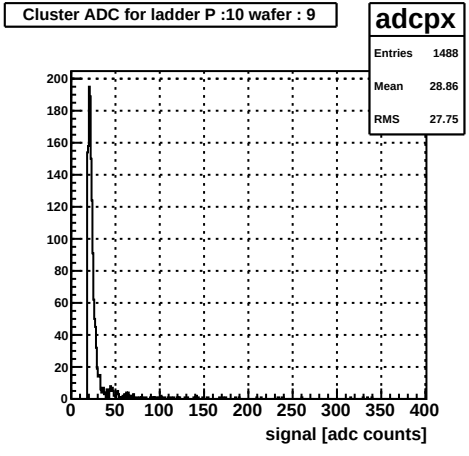

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1118
Mean 40.94
RMS 35.71
signal [adc counts]

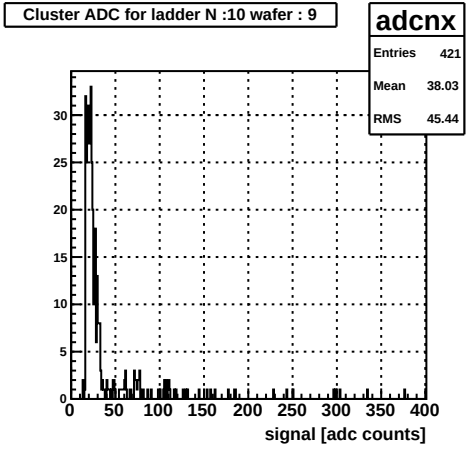

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 1764
Mean 23.09
RMS 24.06
signal [adc counts]

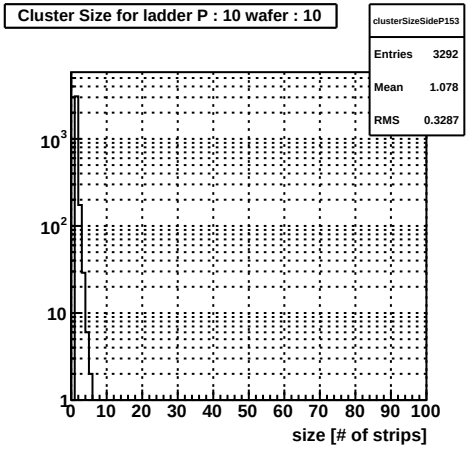

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 1488
Mean 1.079
RMS 0.3426
size [# of strips]

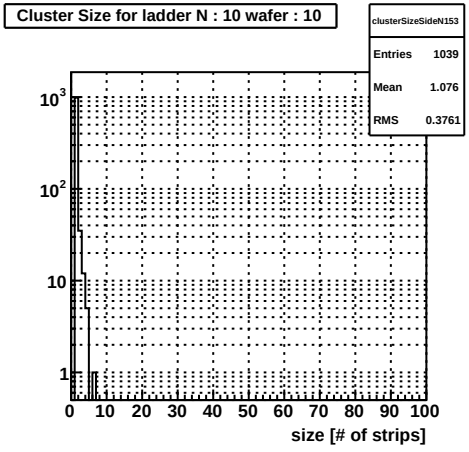

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 421
Mean 1.181
RMS 0.6054
size [# of strips]

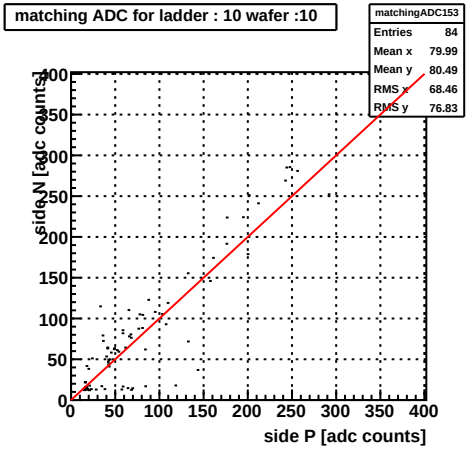

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 69
Mean x 43.72
Mean y 60.94
RMS x 54.21
RMS y 70.3
side N [adc counts]
side P [adc counts]

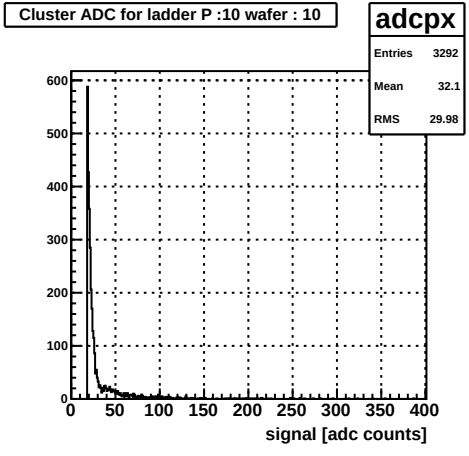

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 1488
Mean 28.86
RMS 27.75
signal [adc counts]

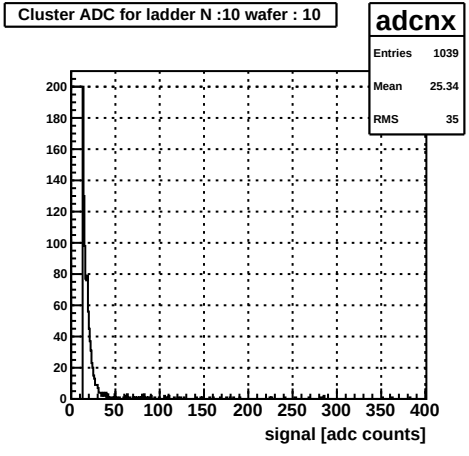

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 421
Mean 38.03
RMS 45.44
signal [adc counts]

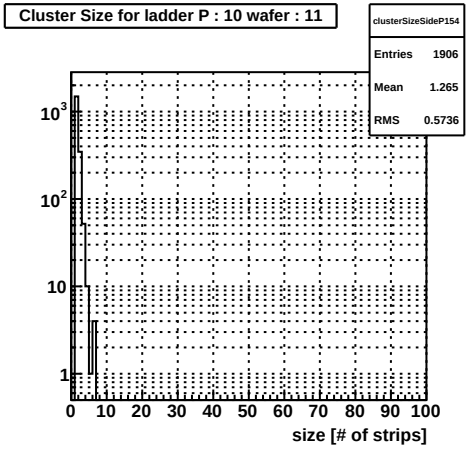

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 3292
Mean 1.078
RMS 0.3287
size [# of strips]

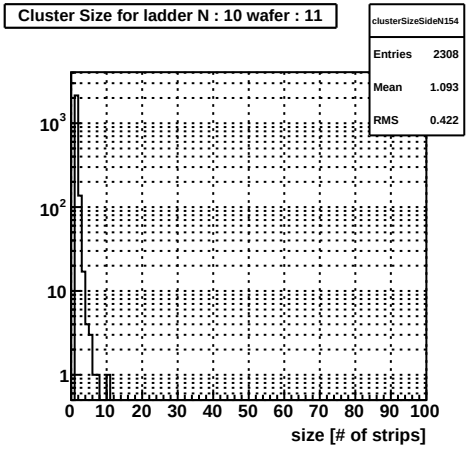

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1039
Mean 1.076
RMS 0.3761
size [# of strips]

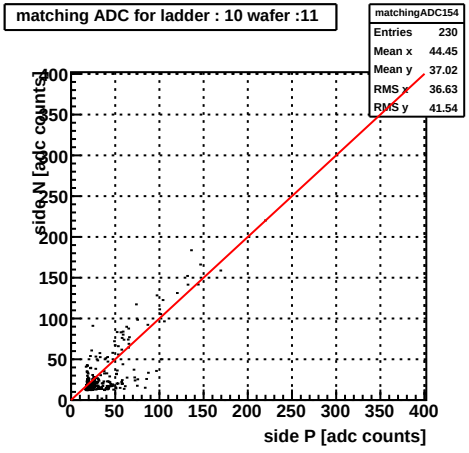

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 84
Mean x 79.99
Mean y 80.49
RMS x 68.46
RMS y 76.83
side N [adc counts]
side P [adc counts]

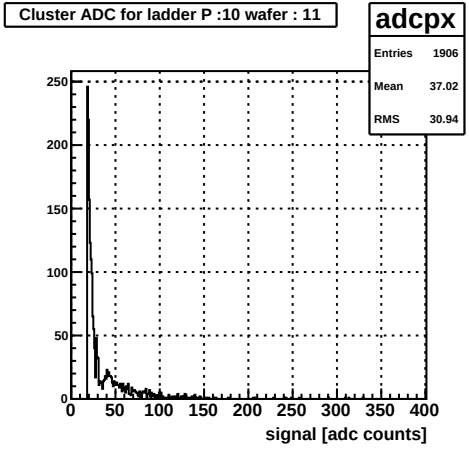

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 3292
Mean 32.1
RMS 29.98
signal [adc counts]

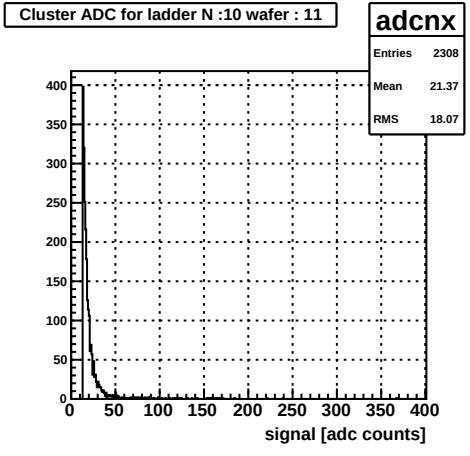

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1039
Mean 25.34
RMS 35
signal [adc counts]

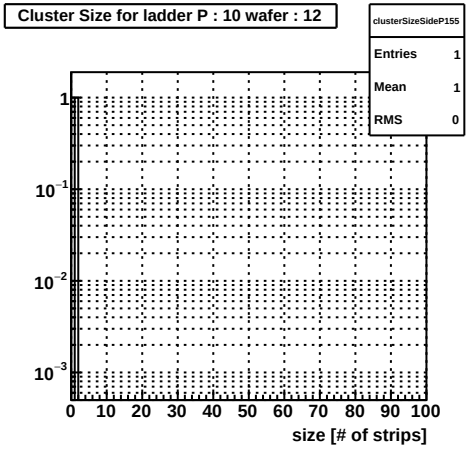

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 1906
Mean 1.265
RMS 0.5736
size [# of strips]

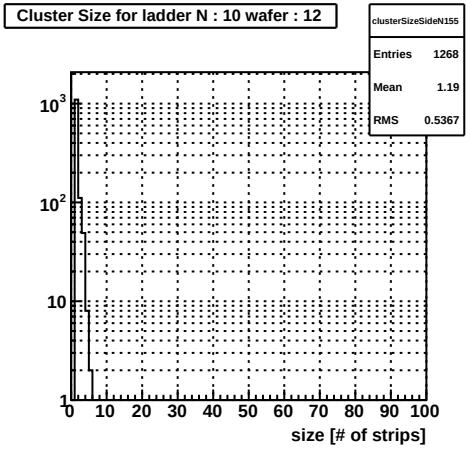

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 2308
Mean 1.093
RMS 0.422
size [# of strips]

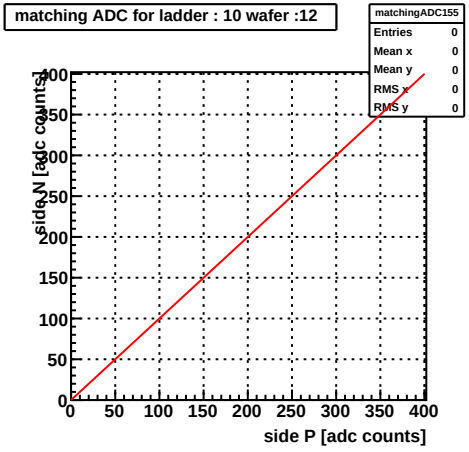

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 230
Mean x 44.45
Mean y 37.02
RMS x 36.63
RMS y 41.54
side N [adc counts]
side P [adc counts]

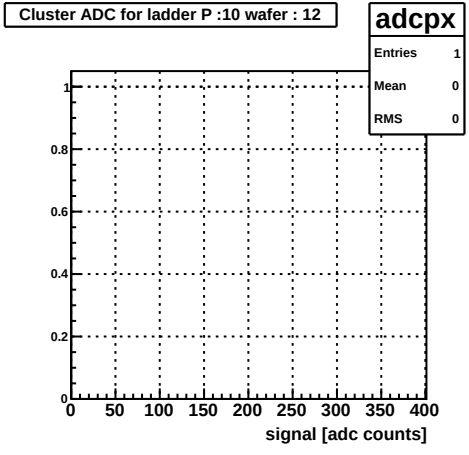

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 1906
Mean 37.02
RMS 30.94
signal [adc counts]

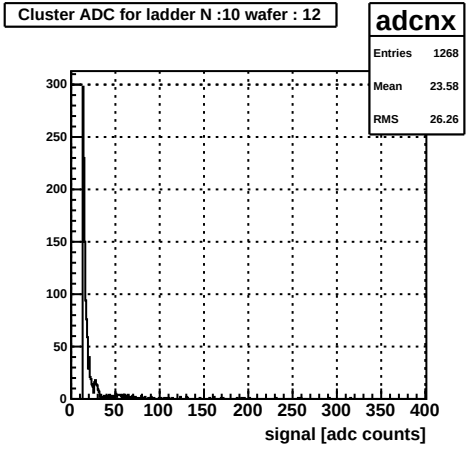

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 2308
Mean 21.37
RMS 18.07
signal [adc counts]

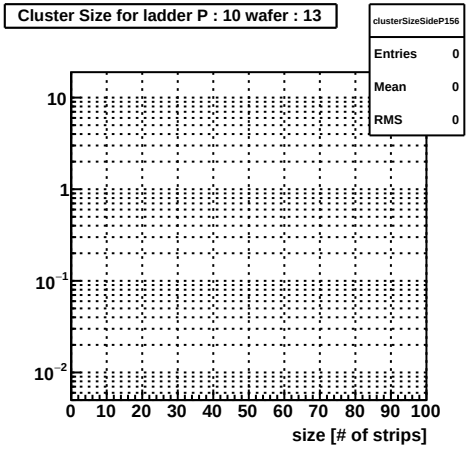

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

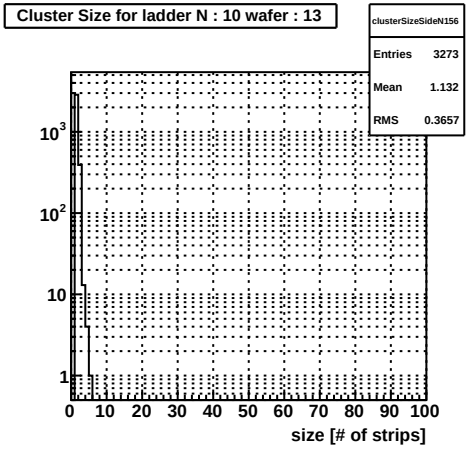

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1268
Mean 1.19
RMS 0.5367
size [# of strips]

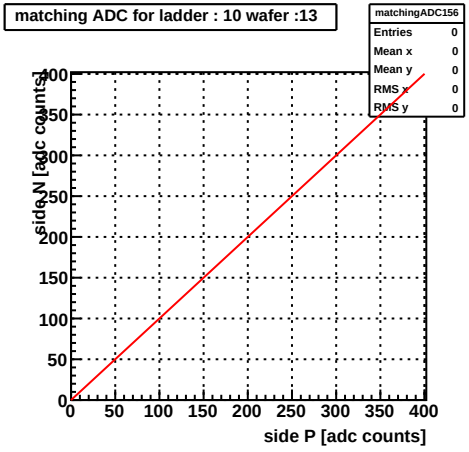

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

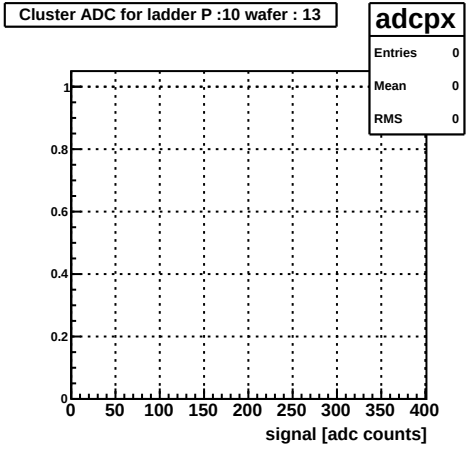

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

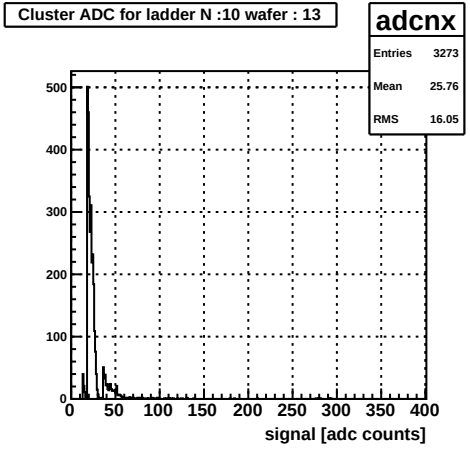

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1268
Mean 23.58
RMS 26.26
signal [adc counts]

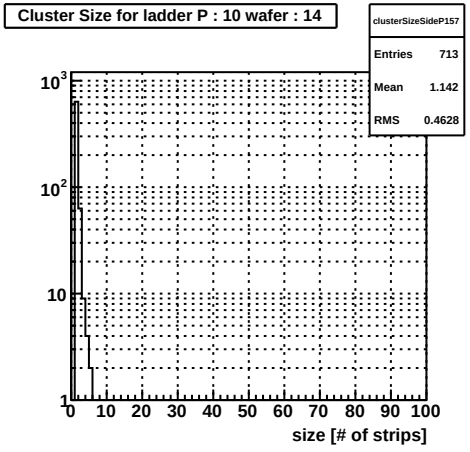

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

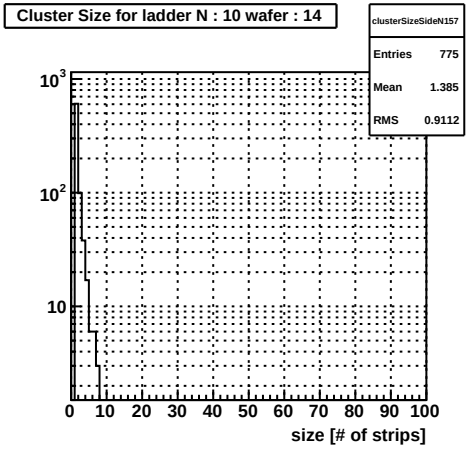

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 3273
Mean 1.132
RMS 0.3657
size [# of strips]

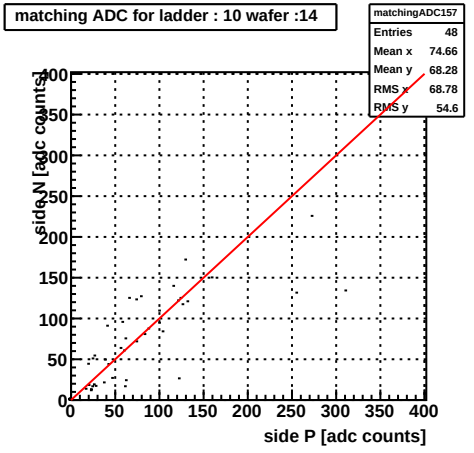

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

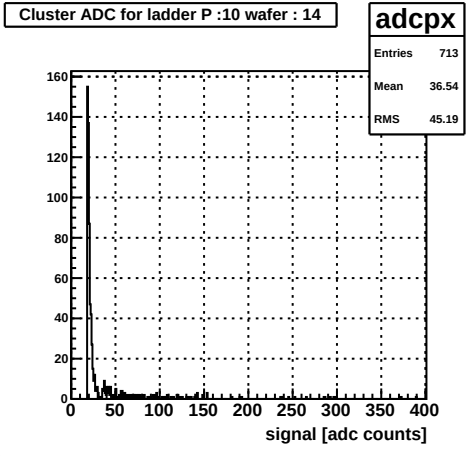

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

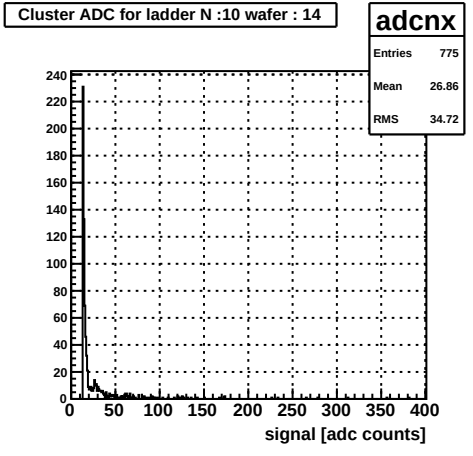

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 3273
Mean 25.76
RMS 16.05
signal [adc counts]

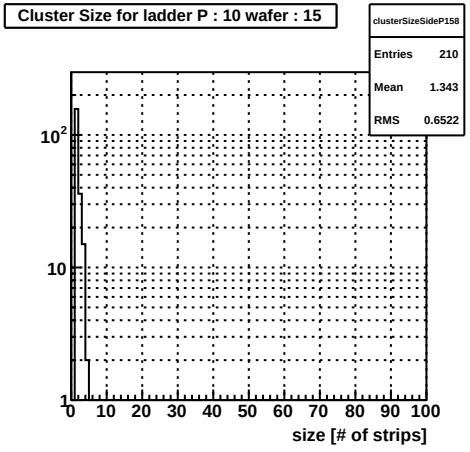

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 713
Mean 1.142
RMS 0.4628
size [# of strips]

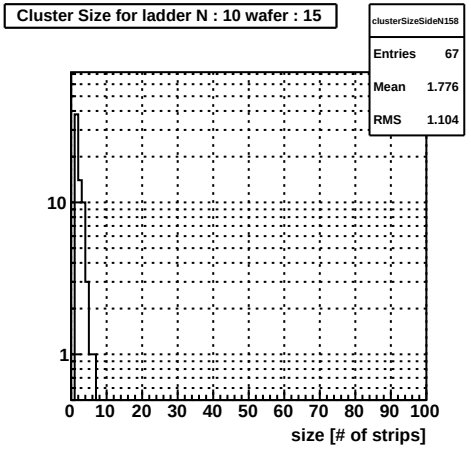

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 775
Mean 1.385
RMS 0.9112
size [# of strips]

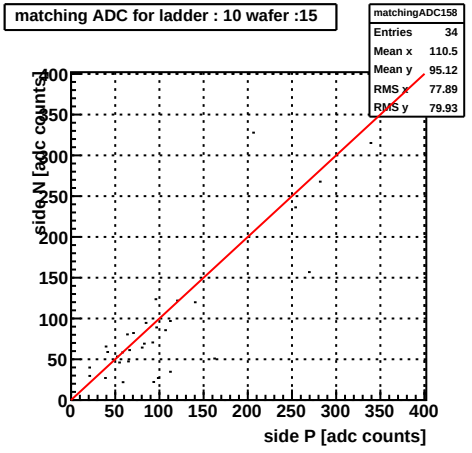

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 48
Mean x 74.66
Mean y 68.28
RMS x 68.78
RMS y 54.6
side N [adc counts]
side P [adc counts]

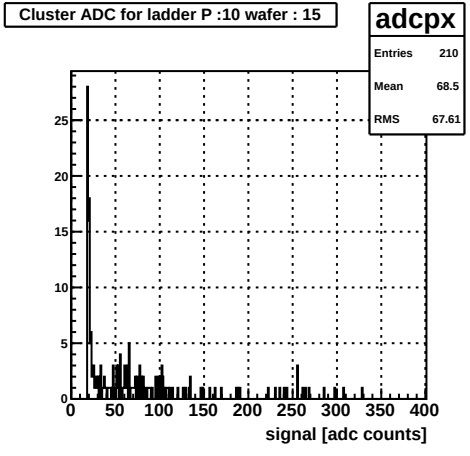

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 713
Mean 36.54
RMS 45.19
signal [adc counts]

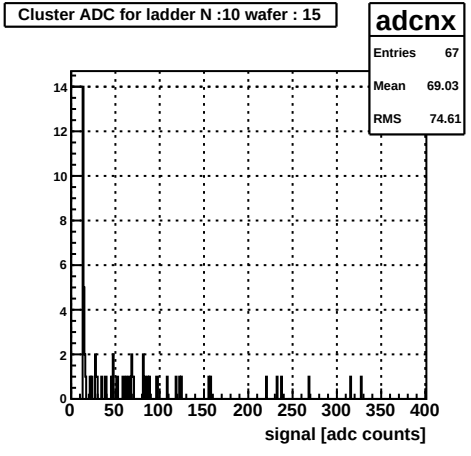

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 775
Mean 26.86
RMS 34.72
signal [adc counts]

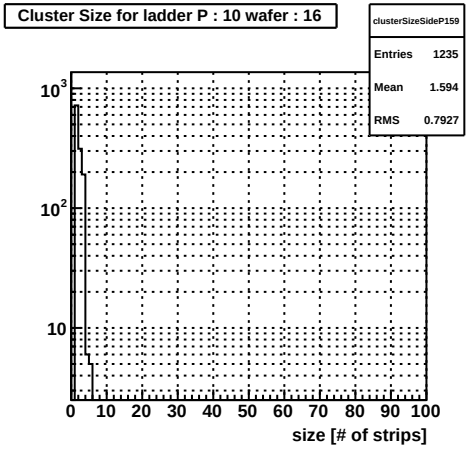

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 210
Mean 1.343
RMS 0.6522
size [# of strips]

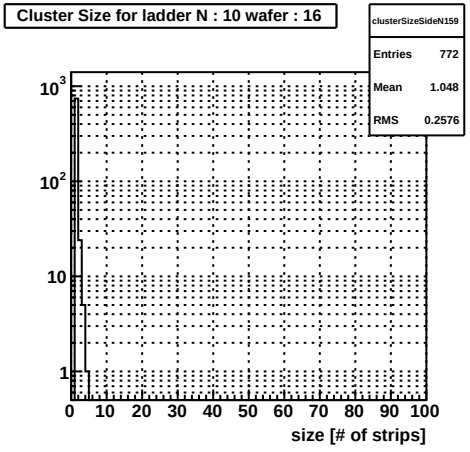

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 67
Mean 1.776
RMS 1.104
size [# of strips]

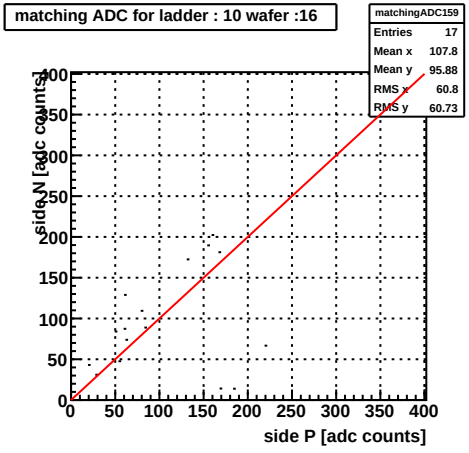

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 34
Mean x 110.5
Mean y 95.12
RMS x 77.89
RMS y 79.93
side N [adc counts]
side P [adc counts]

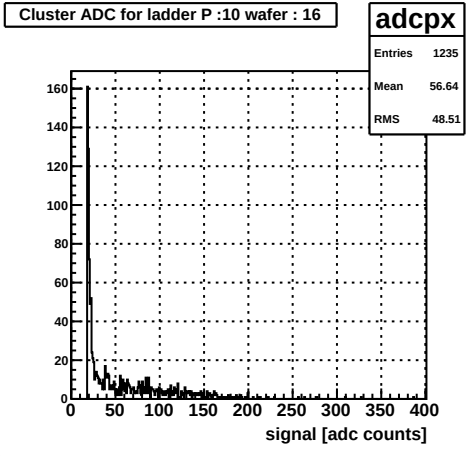

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 210
Mean 68.5
RMS 67.61
signal [adc counts]

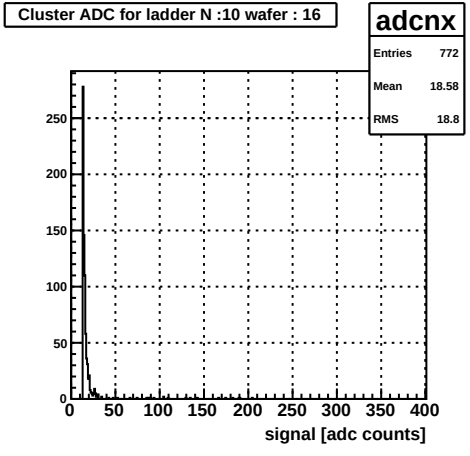

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 67
Mean 69.03
RMS 74.61
signal [adc counts]

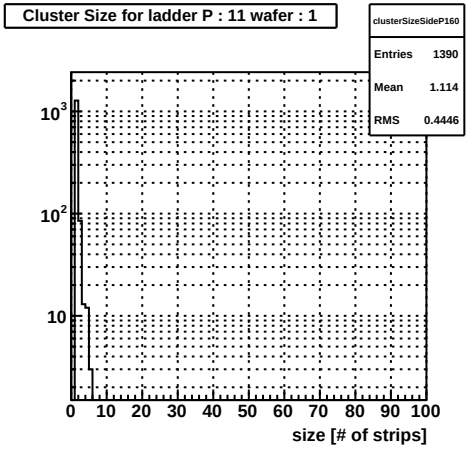

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1235
Mean 1.594
RMS 0.7927
size [# of strips]

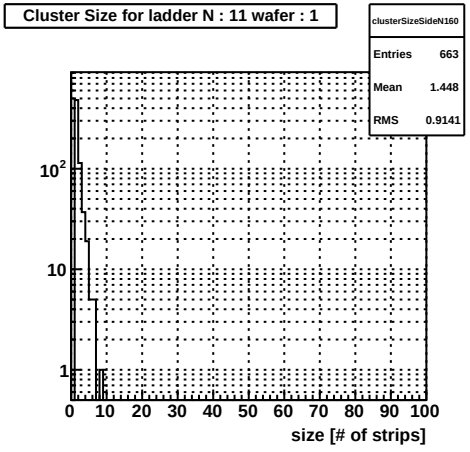

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 772
Mean 1.048
RMS 0.2576
size [# of strips]

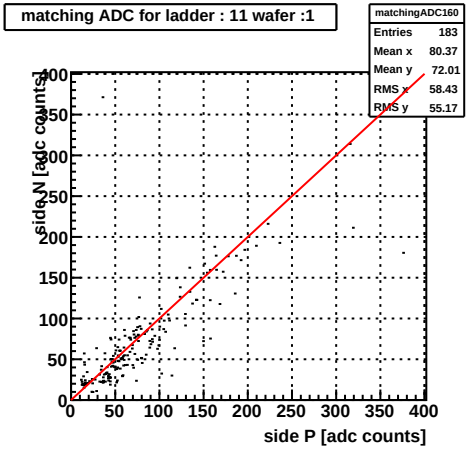

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 17
Mean x 107.8
Mean y 95.88
RMS x 60.8
RMS y 60.73
side N [adc counts]
side P [adc counts]

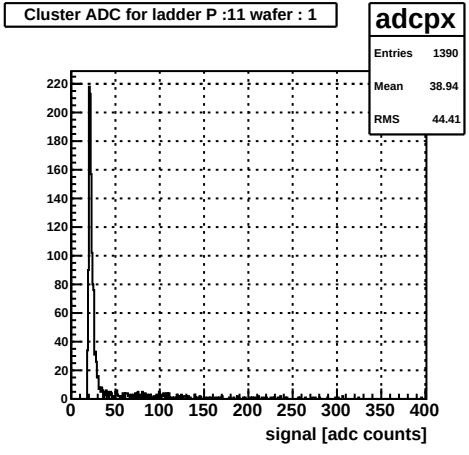

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1235
Mean 56.64
RMS 48.51
signal [adc counts]

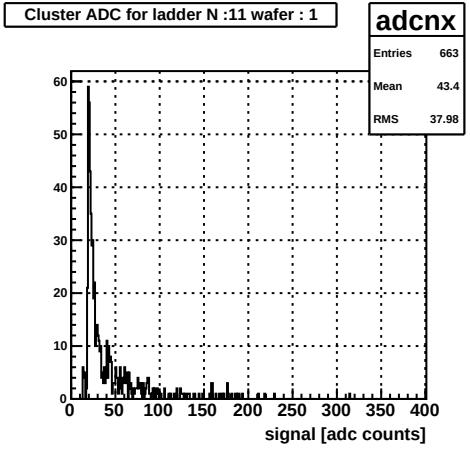

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 772
Mean 18.58
RMS 18.8
signal [adc counts]

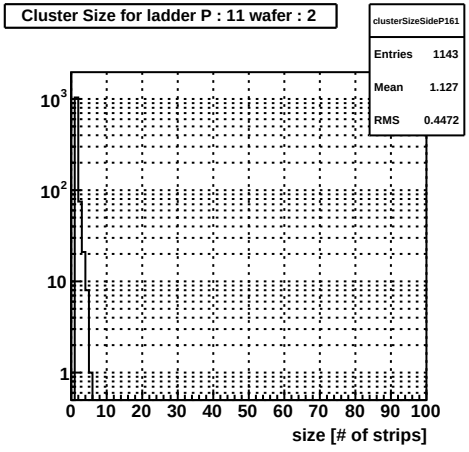

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 1390
Mean 1.114
RMS 0.4446
size [# of strips]

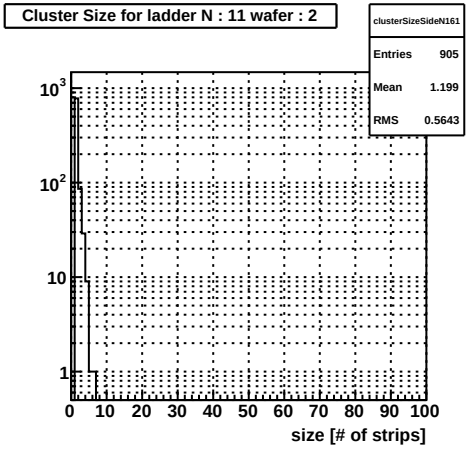

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 663
Mean 1.448
RMS 0.9141
size [# of strips]

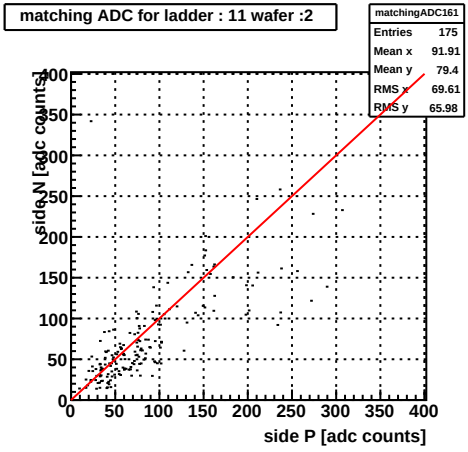

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 183
Mean x 80.37
Mean y 72.01
RMS x 58.43
RMS y 55.17
side N [adc counts]
side P [adc counts]

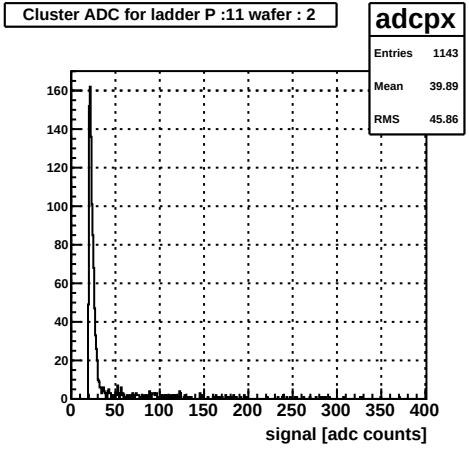

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 1390
Mean 38.94
RMS 44.41
signal [adc counts]

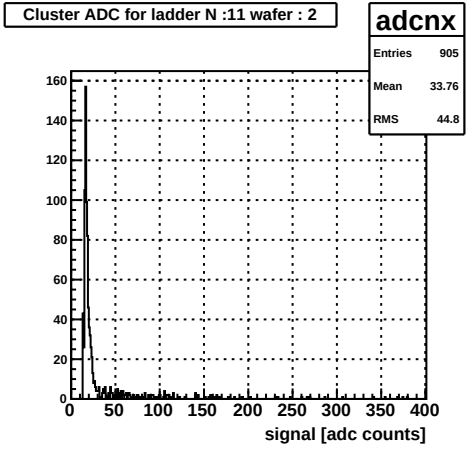

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 663
Mean 43.4
RMS 37.98
signal [adc counts]

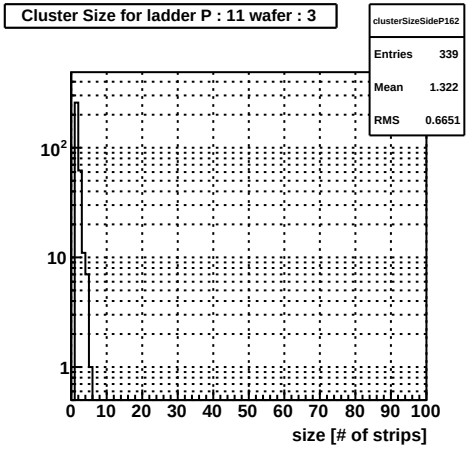

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1143
Mean 1.127
RMS 0.4472
size [# of strips]

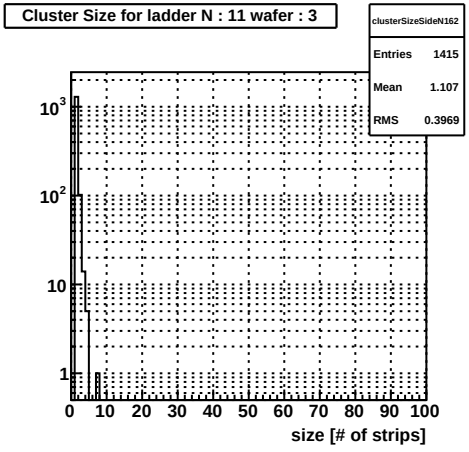

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 905
Mean 1.199
RMS 0.5643
size [# of strips]

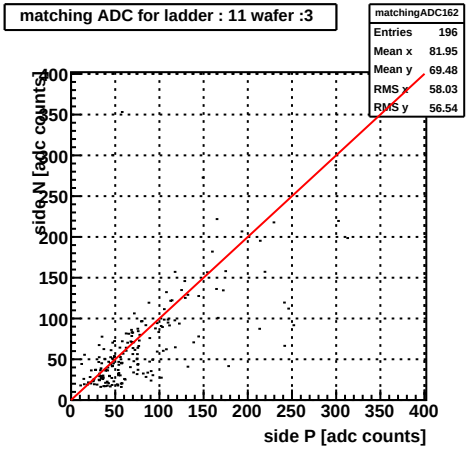

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 175
Mean x 91.91
Mean y 79.4
RMS x 69.61
RMS y 65.98
side N [adc counts]
side P [adc counts]

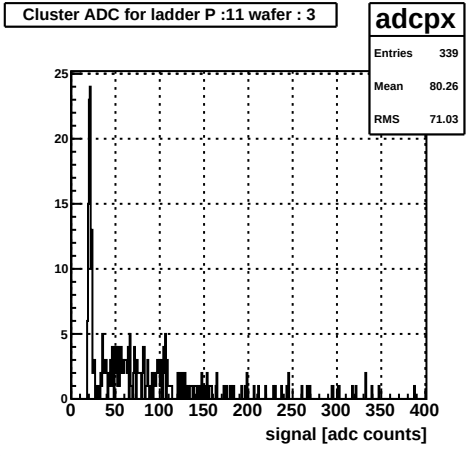

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1143
Mean 39.89
RMS 45.86
signal [adc counts]

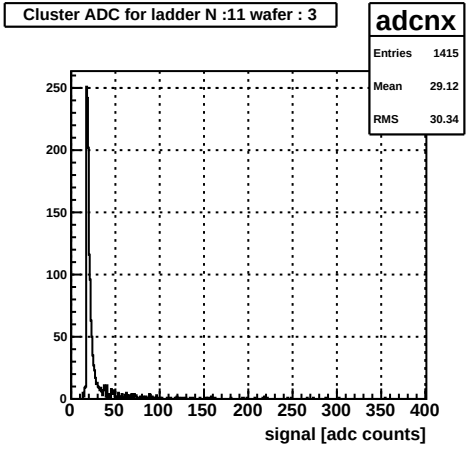

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 905
Mean 33.76
RMS 44.8
signal [adc counts]

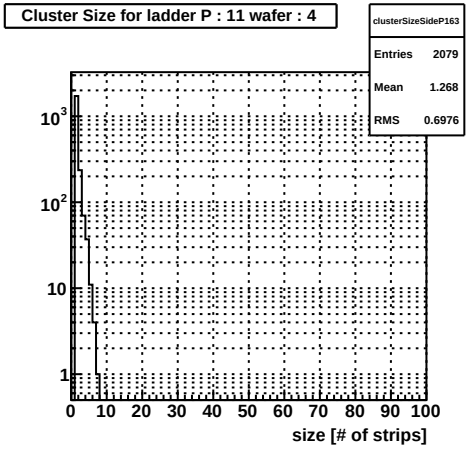

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 339
Mean 1.322
RMS 0.6651
size [# of strips]

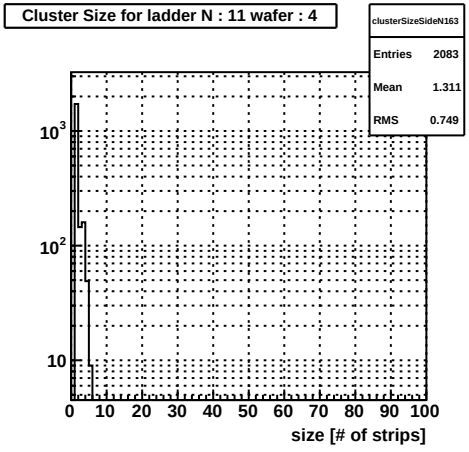

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 1415
Mean 1.107
RMS 0.3969
size [# of strips]

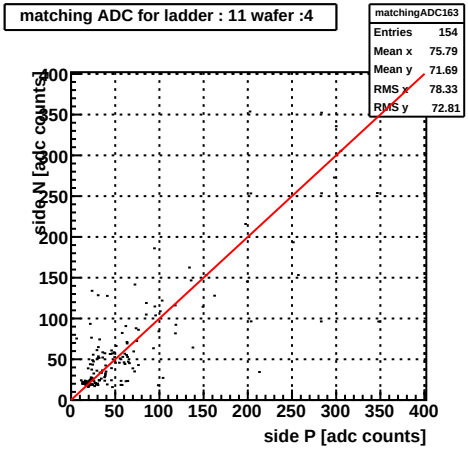

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 196
Mean x 81.95
Mean y 69.48
RMS x 58.03
RMS y 56.54
side N [adc counts]
side P [adc counts]

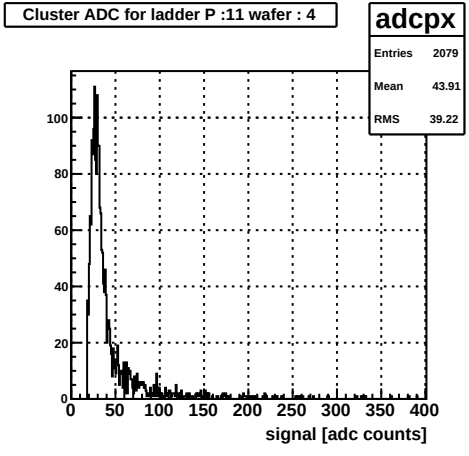

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 339
Mean 80.26
RMS 71.03
signal [adc counts]

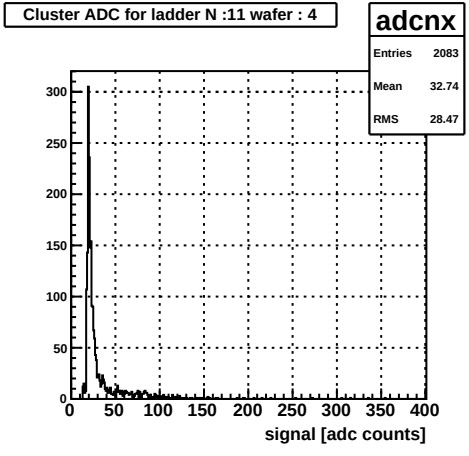

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 1415
Mean 29.12
RMS 30.34
signal [adc counts]

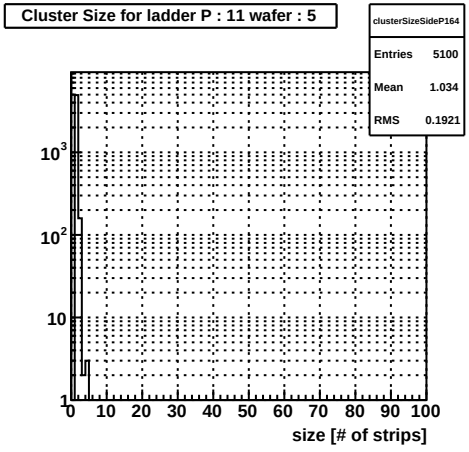

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2079
Mean 1.268
RMS 0.6976
size [# of strips]

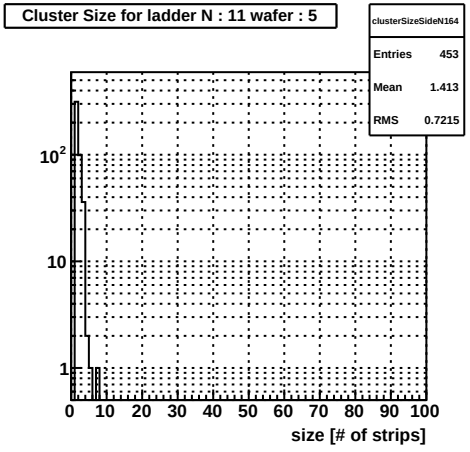

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 2083
Mean 1.311
RMS 0.749
size [# of strips]

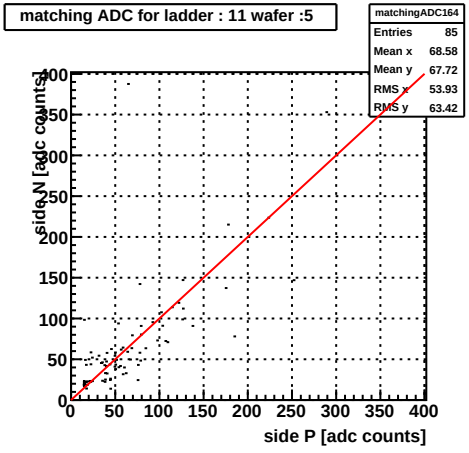

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 154
Mean x 75.79
Mean y 71.69
RMS x 78.33
RMS y 72.81
side N [adc counts]
side P [adc counts]

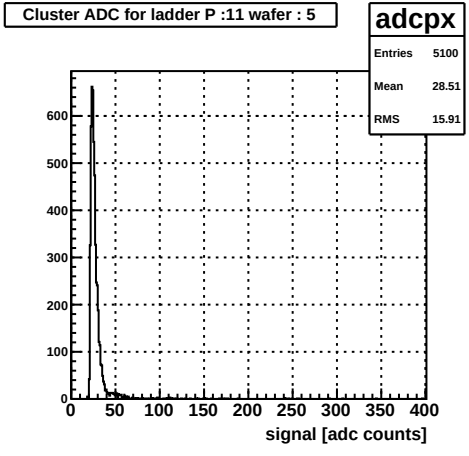

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2079
Mean 43.91
RMS 39.22
signal [adc counts]

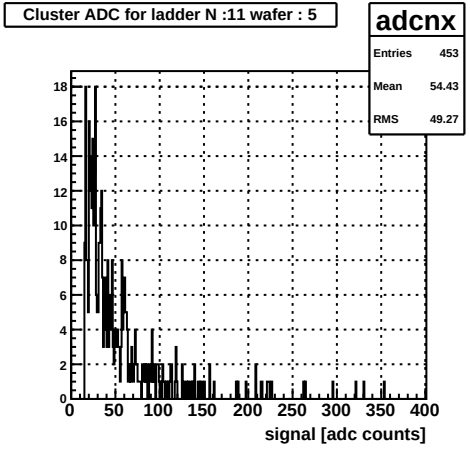

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 2083
Mean 32.74
RMS 28.47
signal [adc counts]

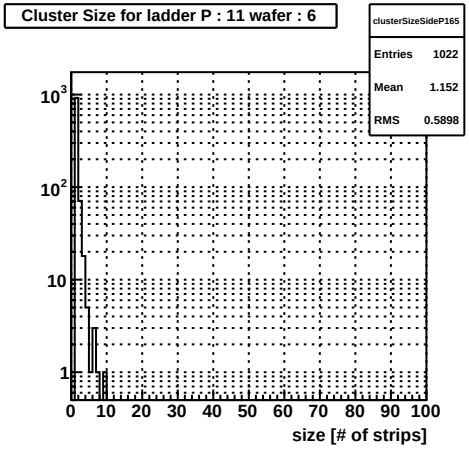

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 5100
Mean 1.034
RMS 0.1921
size [# of strips]

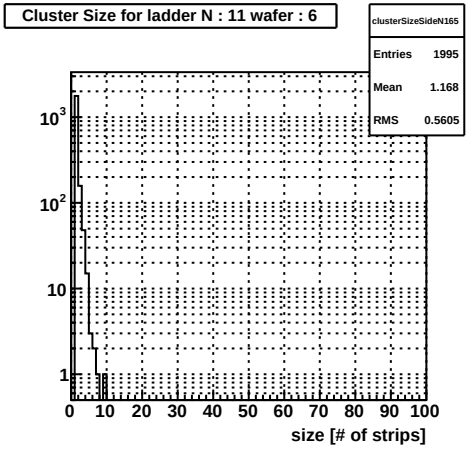

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 453
Mean 1.413
RMS 0.7215
size [# of strips]

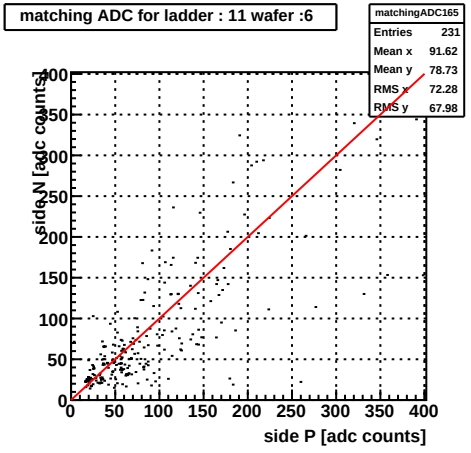

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 85
Mean x 68.58
Mean y 67.72
RMS x 53.93
RMS y 63.42
side N [adc counts]
side P [adc counts]

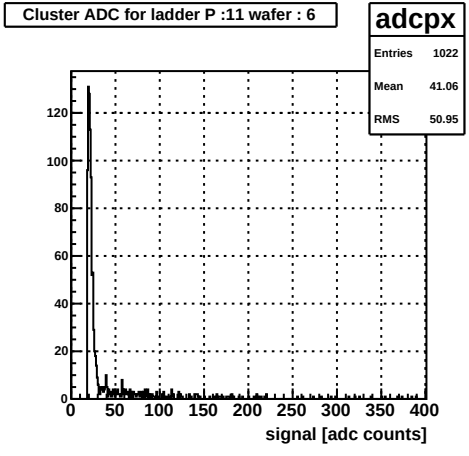

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 5100
Mean 28.51
RMS 15.91
signal [adc counts]

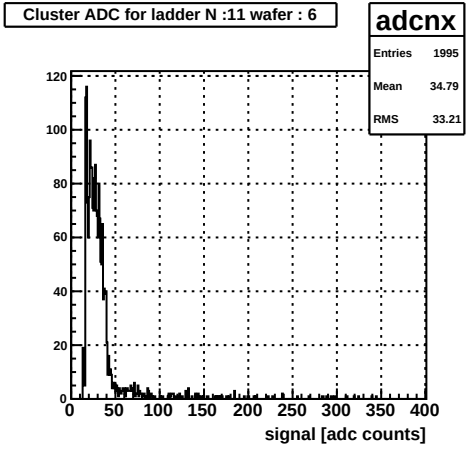

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 453
Mean 54.43
RMS 49.27
signal [adc counts]

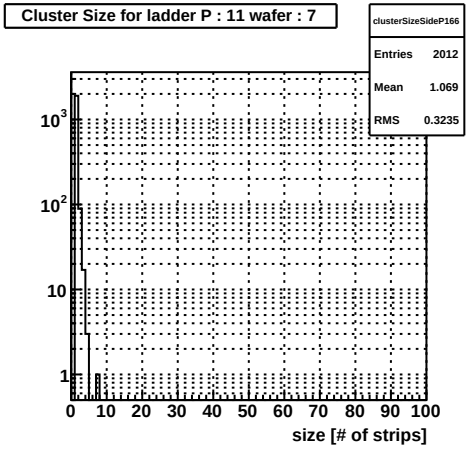

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1022
Mean 1.152
RMS 0.5898
size [# of strips]

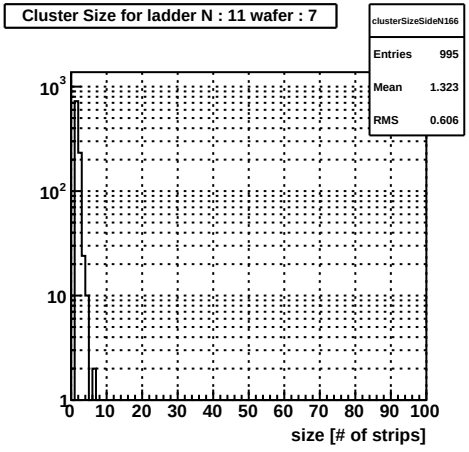

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 1995
Mean 1.168
RMS 0.5605
size [# of strips]

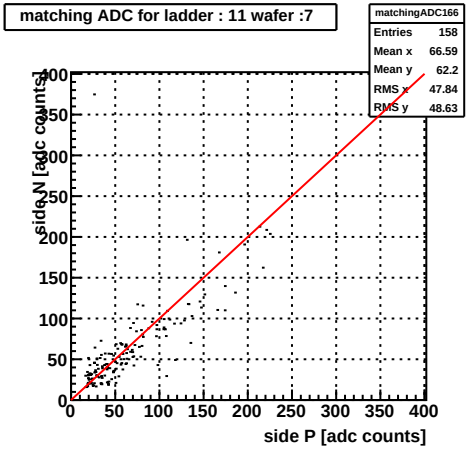

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 231
Mean x 91.62
Mean y 78.73
RMS x 72.28
RMS y 67.98
side N [adc counts]
side P [adc counts]

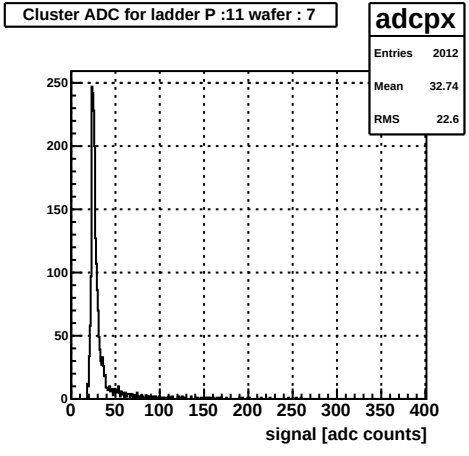

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1022
Mean 41.06
RMS 50.95
signal [adc counts]

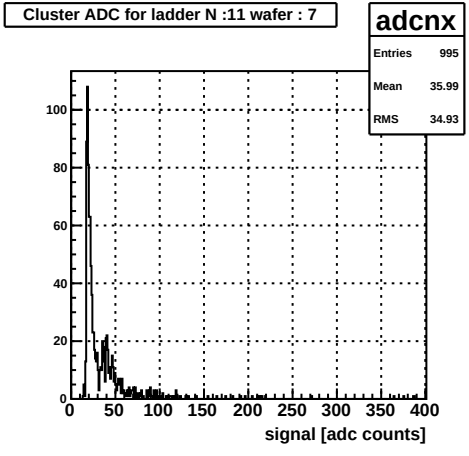

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 1995
Mean 34.79
RMS 33.21
signal [adc counts]

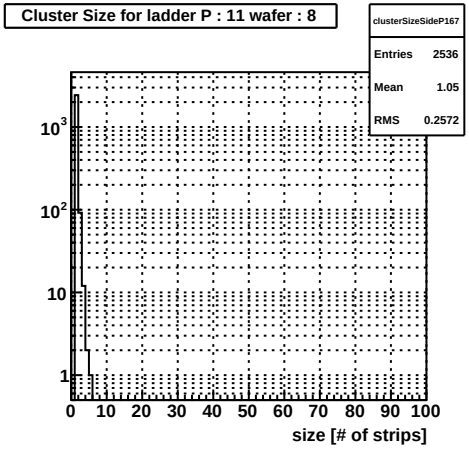

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2012
Mean 1.069
RMS 0.3235
size [# of strips]

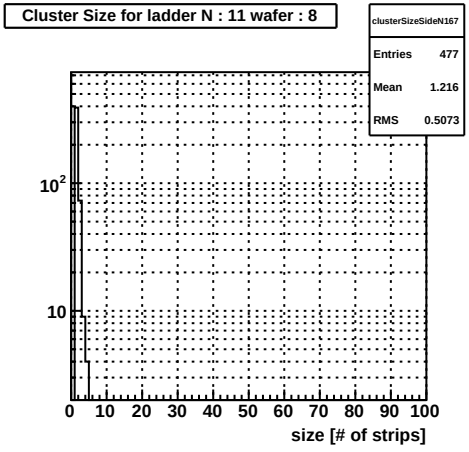

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 995
Mean 1.323
RMS 0.606
size [# of strips]

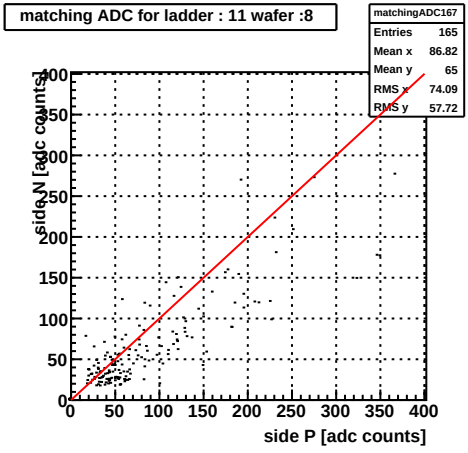

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 158
Mean x 66.59
Mean y 62.2
RMS x 47.84
RMS y 48.63
side N [adc counts]
side P [adc counts]

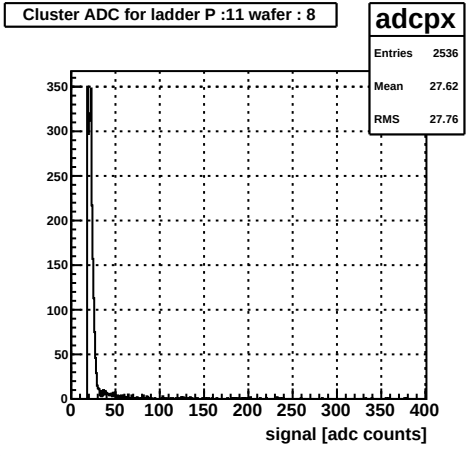

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2012
Mean 32.74
RMS 22.6
signal [adc counts]

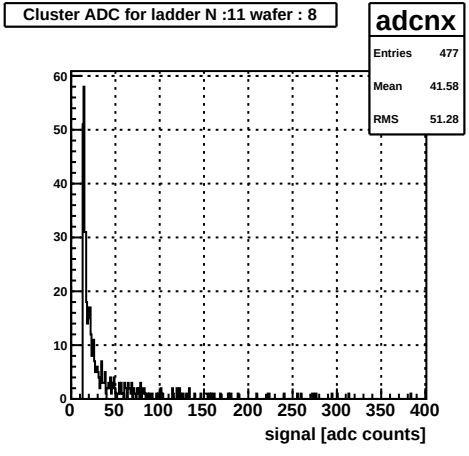

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 995
Mean 35.99
RMS 34.93
signal [adc counts]

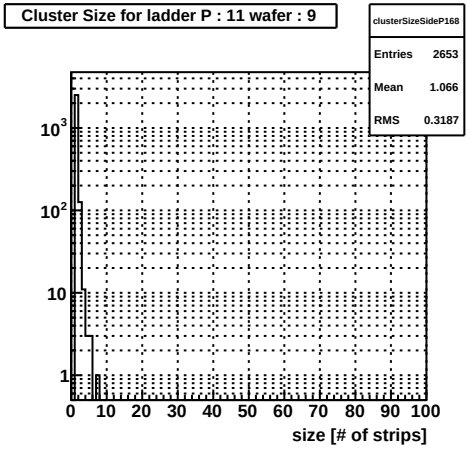

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 2536
Mean 1.05
RMS 0.2572
size [# of strips]

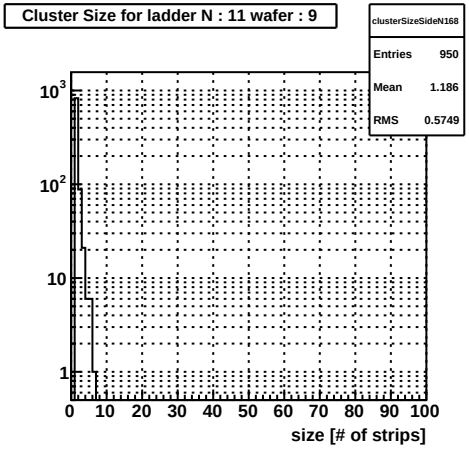

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 477
Mean 1.216
RMS 0.5073
size [# of strips]

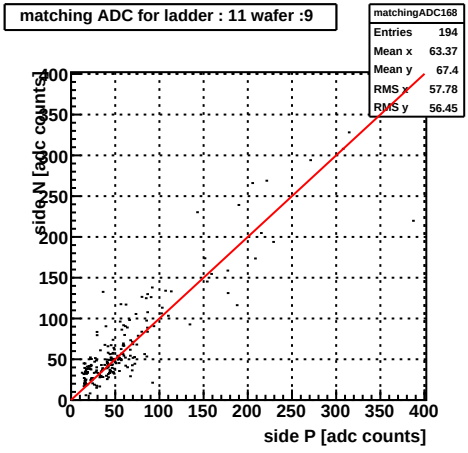

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 165
Mean x 86.82
Mean y 65
RMS x 74.09
RMS y 57.72
side N [adc counts]
side P [adc counts]

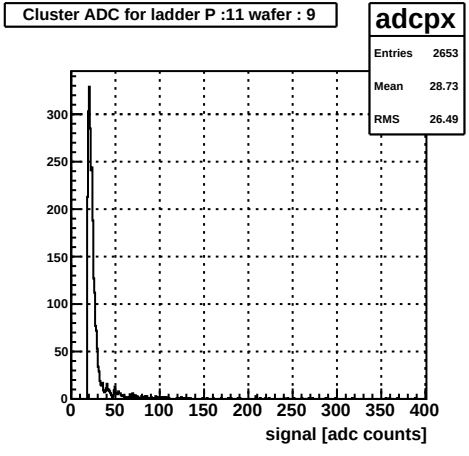

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 2536
Mean 27.62
RMS 27.76
signal [adc counts]

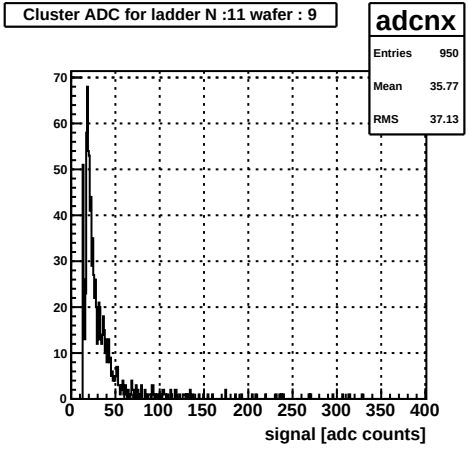

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 477
Mean 41.58
RMS 51.28
signal [adc counts]

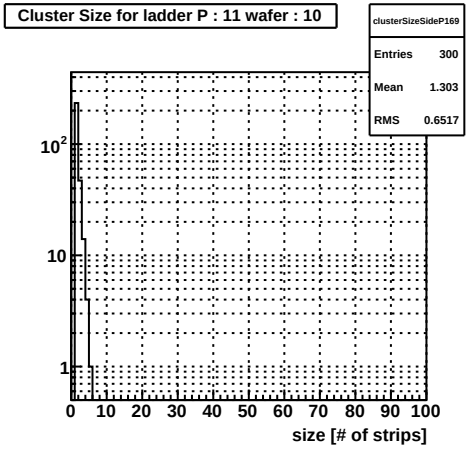

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 2653
Mean 1.066
RMS 0.3187
size [# of strips]

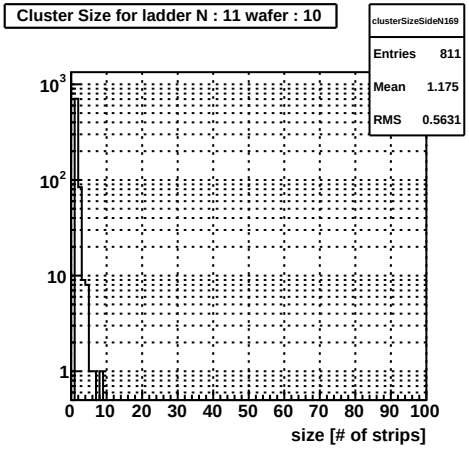

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 950
Mean 1.186
RMS 0.5749
size [# of strips]

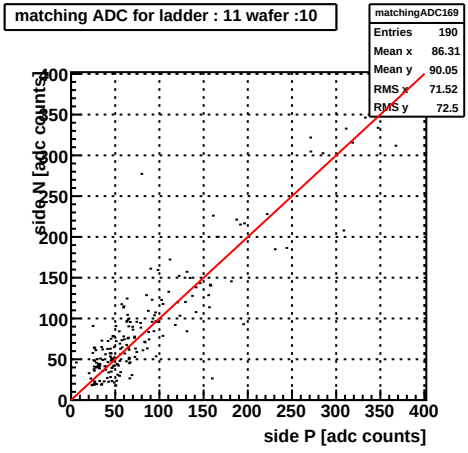

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 194
Mean x 63.37
Mean y 67.4
RMS x 57.78
RMS y 56.45
side N [adc counts]
side P [adc counts]

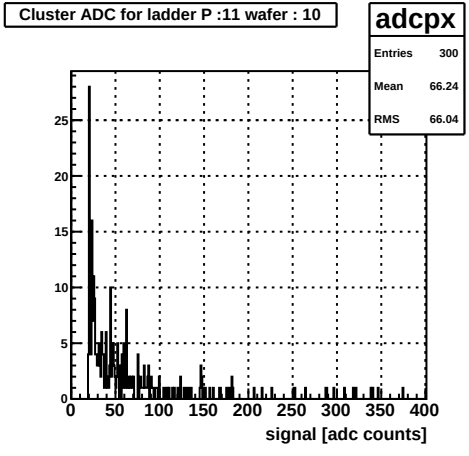

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 2653
Mean 28.73
RMS 26.49
signal [adc counts]

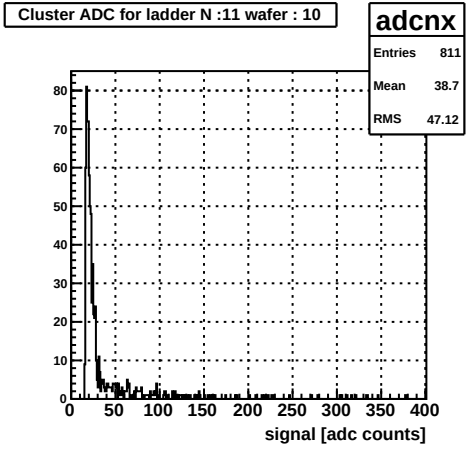

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 950
Mean 35.77
RMS 37.13
signal [adc counts]

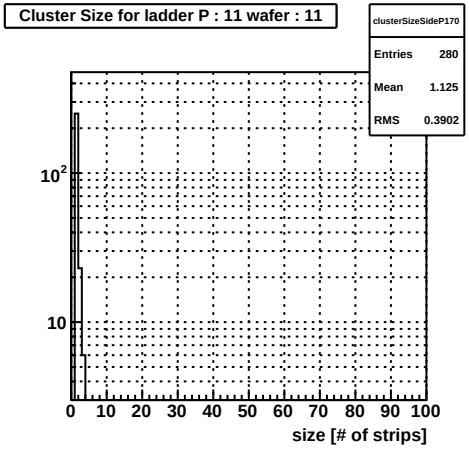

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 300
Mean 1.303
RMS 0.6517
size [# of strips]

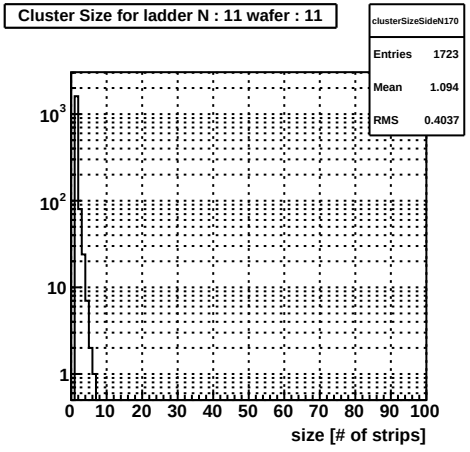

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 811
Mean 1.175
RMS 0.5631
size [# of strips]

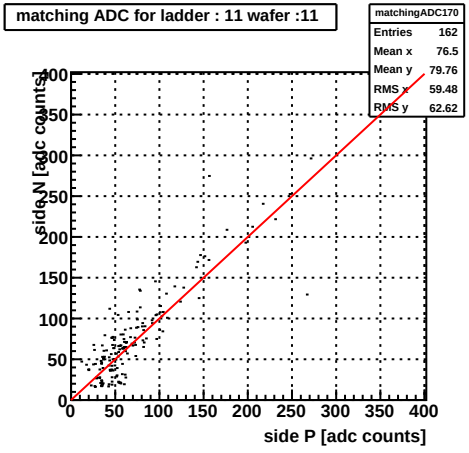

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 190
Mean x 86.31
Mean y 90.05
RMS x 71.52
RMS y 72.5
side N [adc counts]
side P [adc counts]

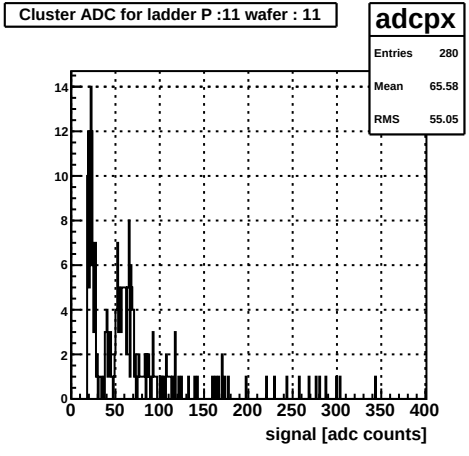

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 300
Mean 66.24
RMS 66.04
signal [adc counts]

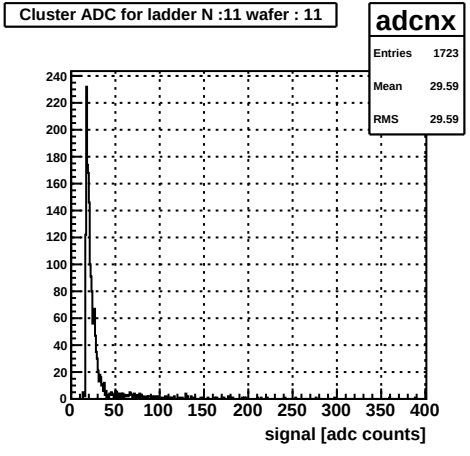

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 811
Mean 38.7
RMS 47.12
signal [adc counts]

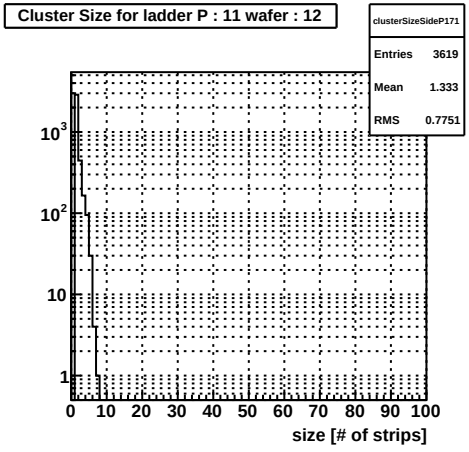

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 280
Mean 1.125
RMS 0.3902
size [# of strips]

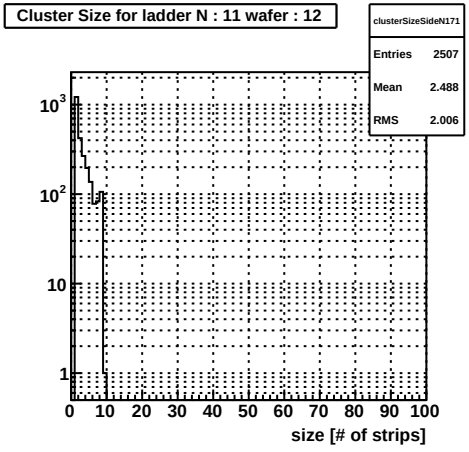

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 1723
Mean 1.094
RMS 0.4037
size [# of strips]

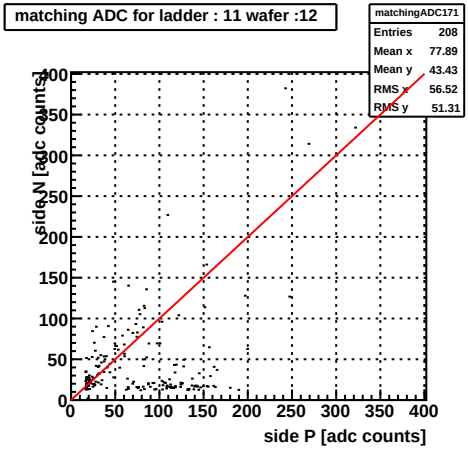

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 162
Mean x 76.5
Mean y 79.76
RMS x 59.48
RMS y 62.62
side N [adc counts]
side P [adc counts]

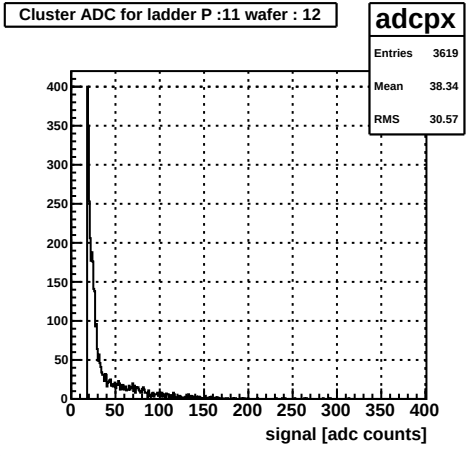

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 280
Mean 65.58
RMS 55.05
signal [adc counts]

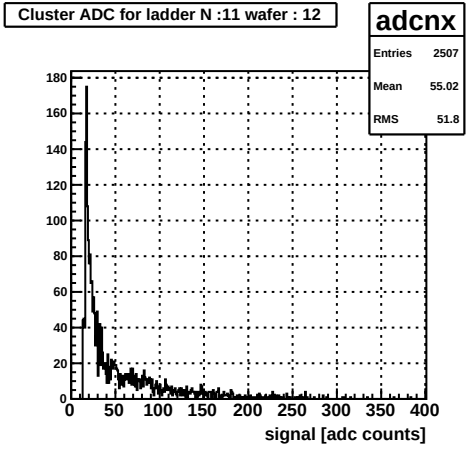

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 1723
Mean 29.59
RMS 29.59
signal [adc counts]

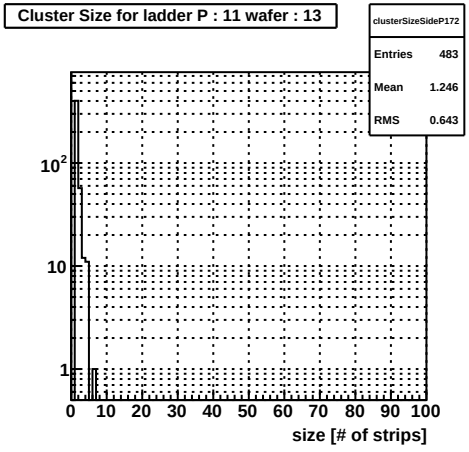

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 3619
Mean 1.333
RMS 0.7751
size [# of strips]

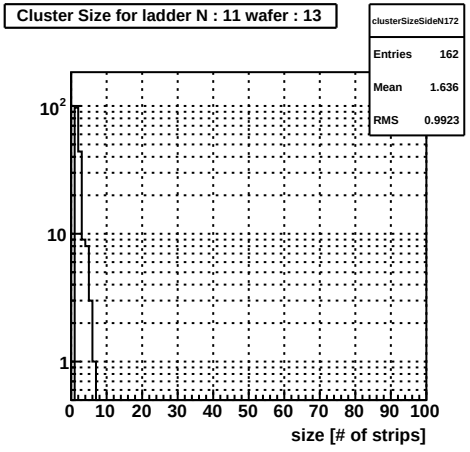

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 2507
Mean 2.488
RMS 2.006
size [# of strips]

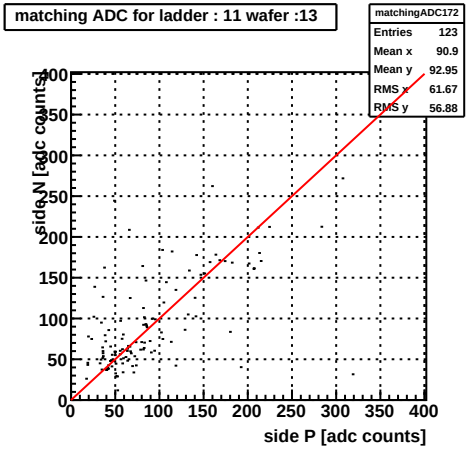

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 208
Mean x 77.89
Mean y 43.43
RMS x 56.52
RMS y 51.31
side N [adc counts]
side P [adc counts]

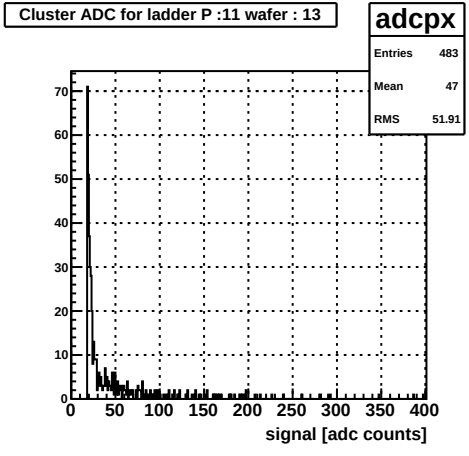

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 3619
Mean 38.34
RMS 30.57
signal [adc counts]

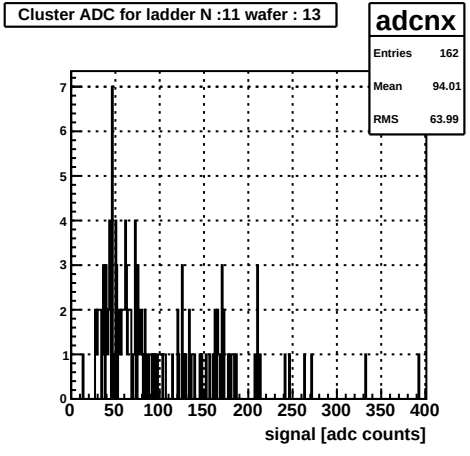

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 2507
Mean 55.02
RMS 51.8
signal [adc counts]

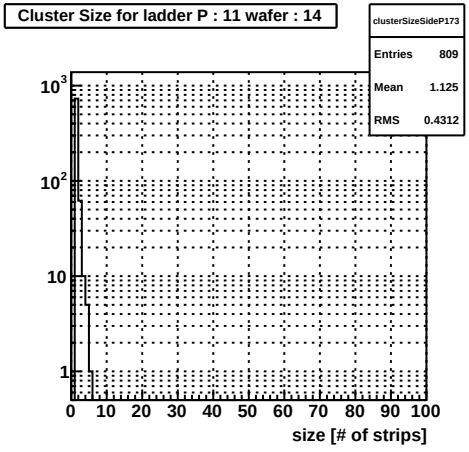

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 483
Mean 1.246
RMS 0.643
size [# of strips]

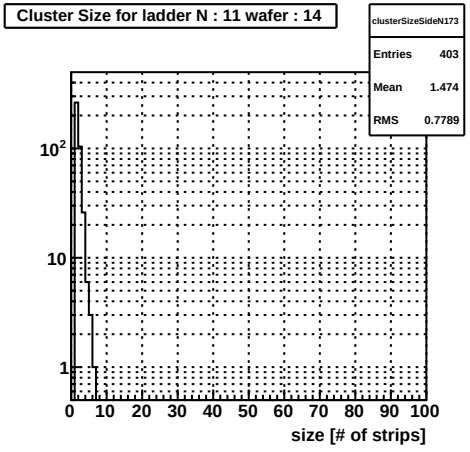

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 162
Mean 1.636
RMS 0.9923
size [# of strips]

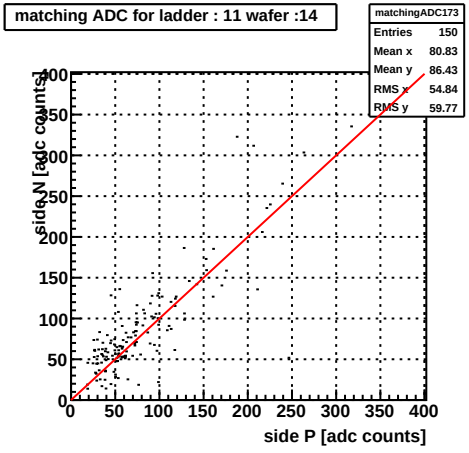

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 123
Mean x 90.9
Mean y 92.95
RMS x 61.67
RMS y 56.88
side N [adc counts]
side P [adc counts]

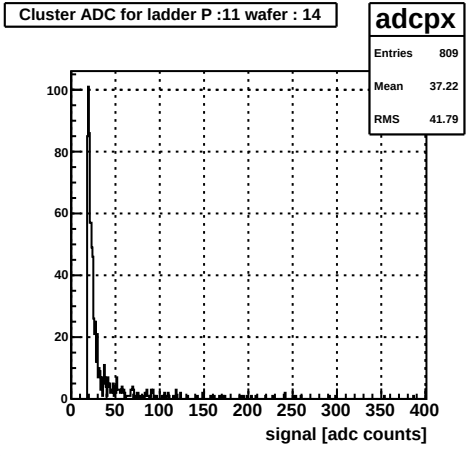

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 483
Mean 47
RMS 51.91
signal [adc counts]

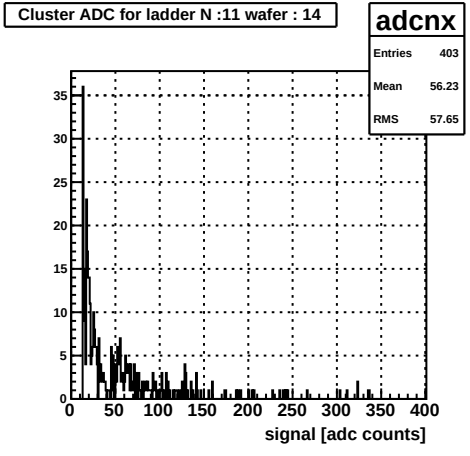

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 162
Mean 94.01
RMS 63.99
signal [adc counts]

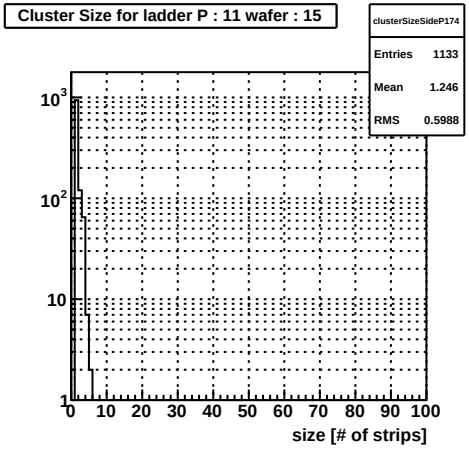

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 809
Mean 1.125
RMS 0.4312
size [# of strips]

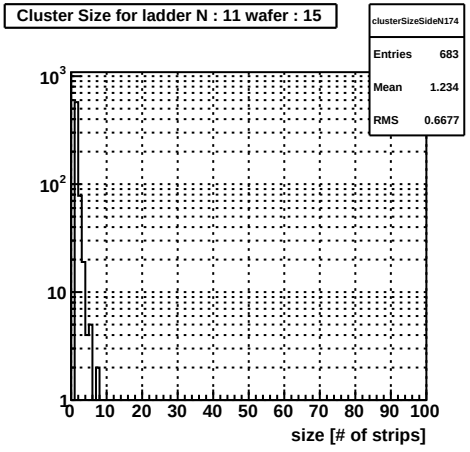

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 403
Mean 1.474
RMS 0.7789
size [# of strips]

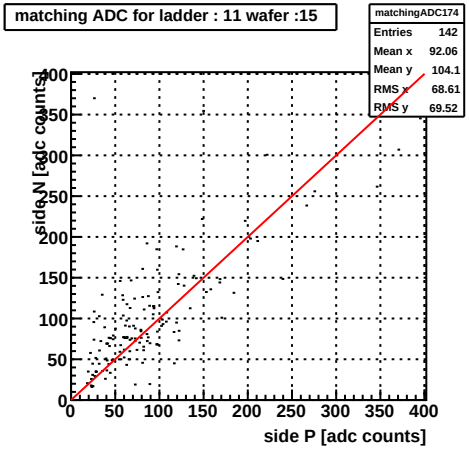

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 150
Mean x 80.83
Mean y 86.43
RMS x 54.84
RMS y 59.77
side N [adc counts]
side P [adc counts]

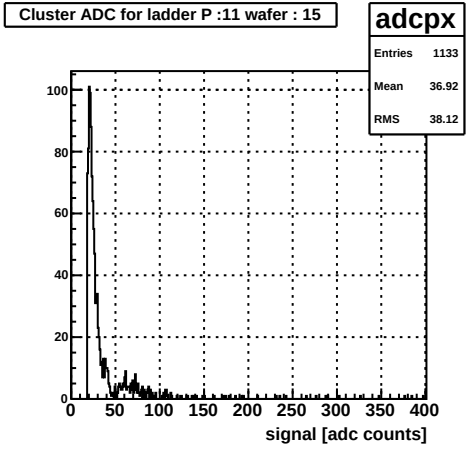

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 809
Mean 37.22
RMS 41.79
signal [adc counts]

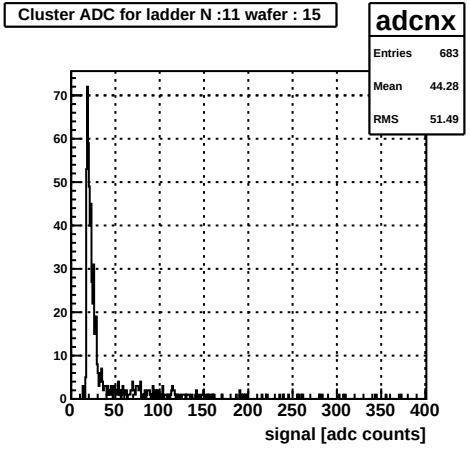

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 403
Mean 56.23
RMS 57.65
signal [adc counts]

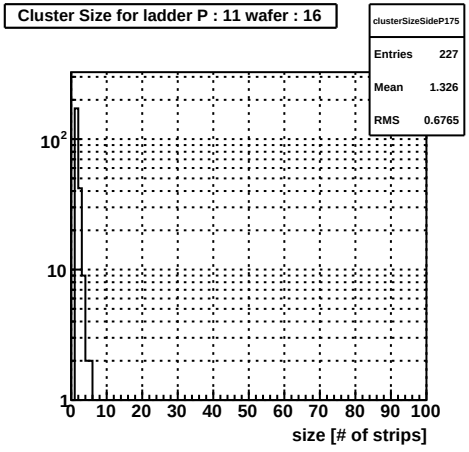

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1133
Mean 1.246
RMS 0.5988
size [# of strips]

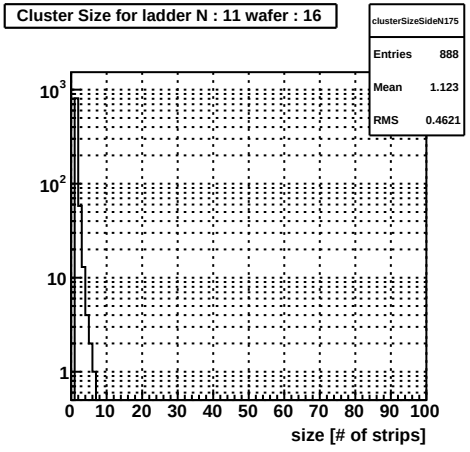

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 683
Mean 1.234
RMS 0.6677
size [# of strips]

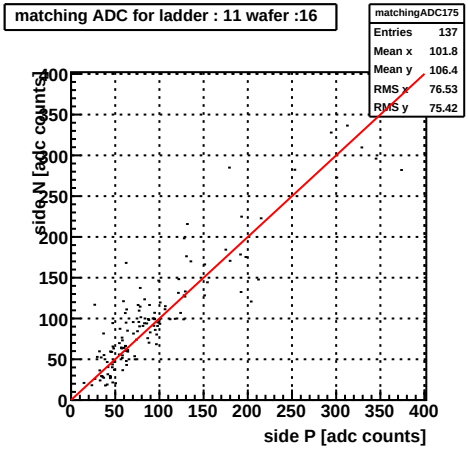

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 142
Mean x 92.06
Mean y 104.1
RMS x 68.61
RMS y 69.52
side N [adc counts]
side P [adc counts]

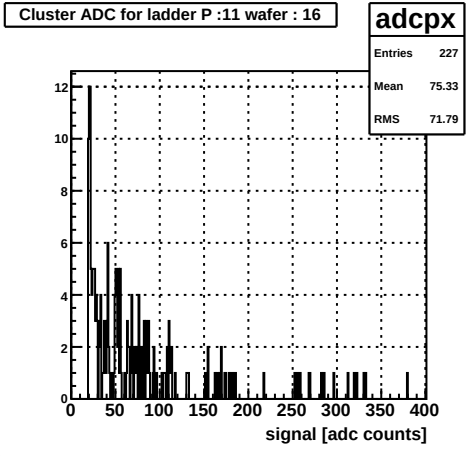

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1133
Mean 36.92
RMS 38.12
signal [adc counts]

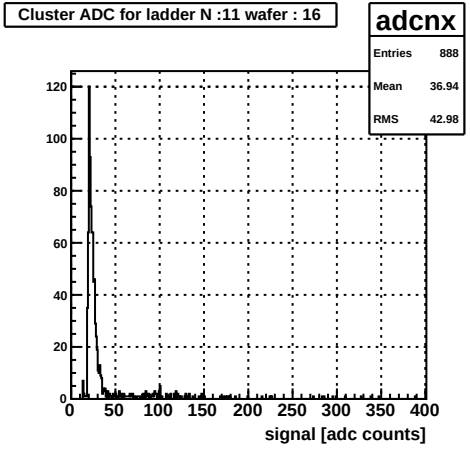

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 683
Mean 44.28
RMS 51.49
signal [adc counts]

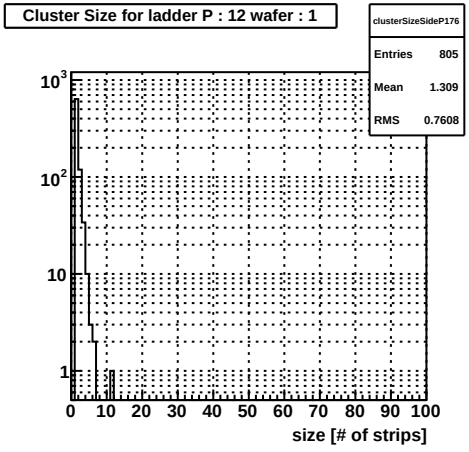

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 227
Mean 1.326
RMS 0.6765
size [# of strips]

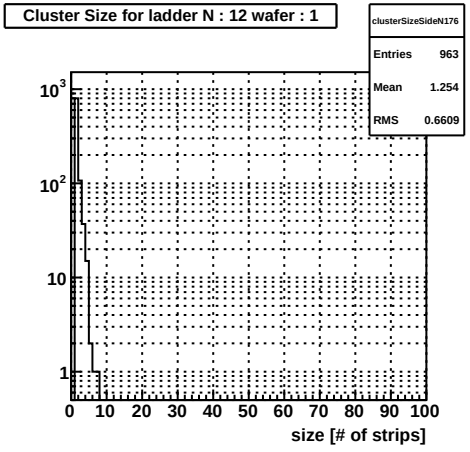

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 888
Mean 1.123
RMS 0.4621
size [# of strips]

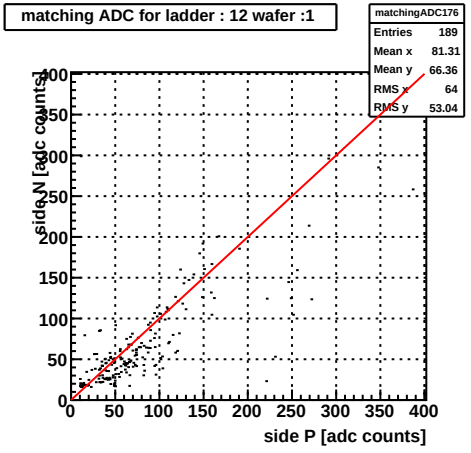

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 137
Mean x 101.8
Mean y 106.4
RMS x 76.53
RMS y 75.42
side N [adc counts]
side P [adc counts]

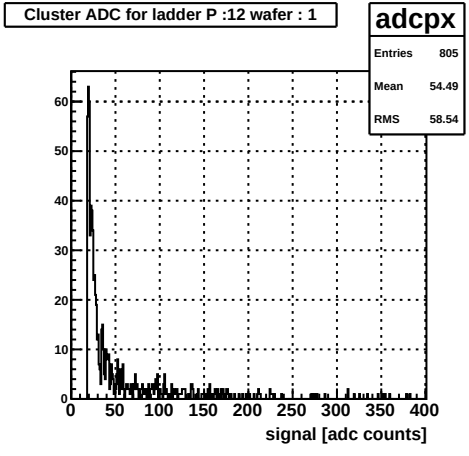

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 227
Mean 75.33
RMS 71.79
signal [adc counts]

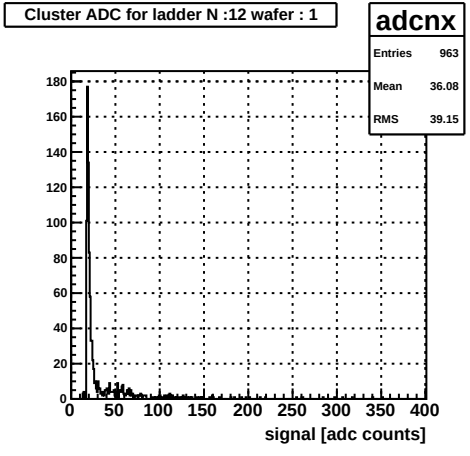

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 888
Mean 36.94
RMS 42.98
signal [adc counts]

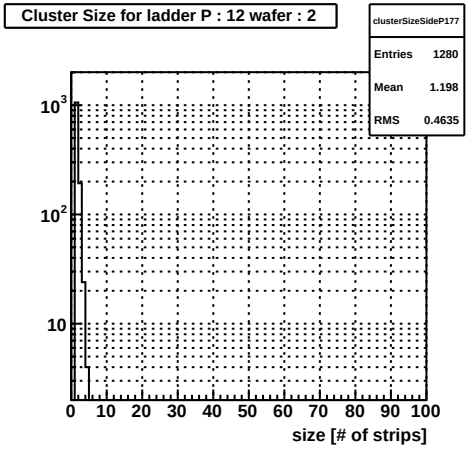

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 805
Mean 1.309
RMS 0.7608
size [# of strips]

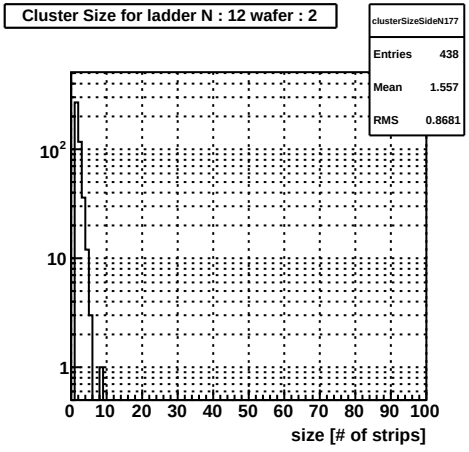

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 963
Mean 1.254
RMS 0.6609
size [# of strips]

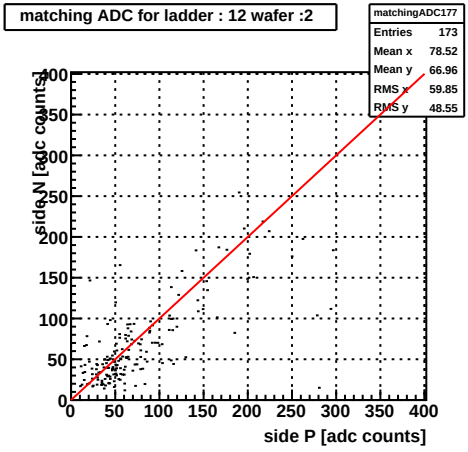

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 189
Mean x 81.31
Mean y 66.36
RMS x 64
RMS y 53.04
side N [adc counts]
side P [adc counts]

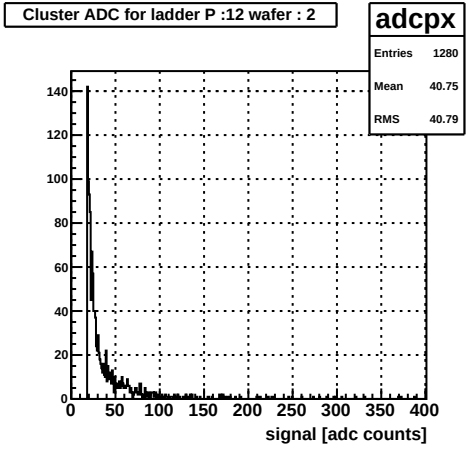

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 805
Mean 54.49
RMS 58.54
signal [adc counts]

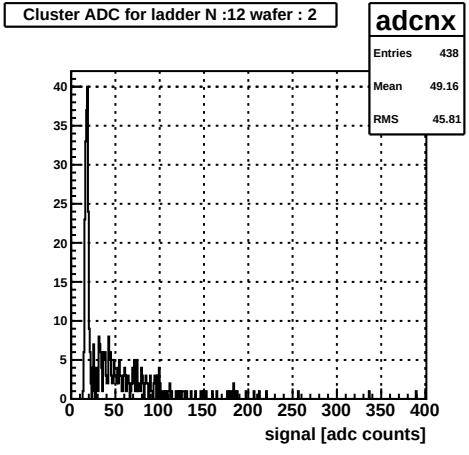

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 963
Mean 36.08
RMS 39.15
signal [adc counts]

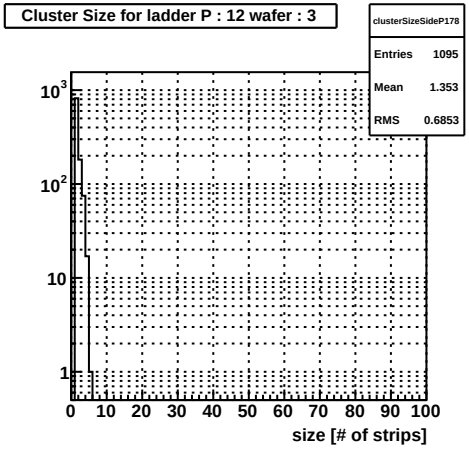

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1280
Mean 1.198
RMS 0.4635
size [# of strips]

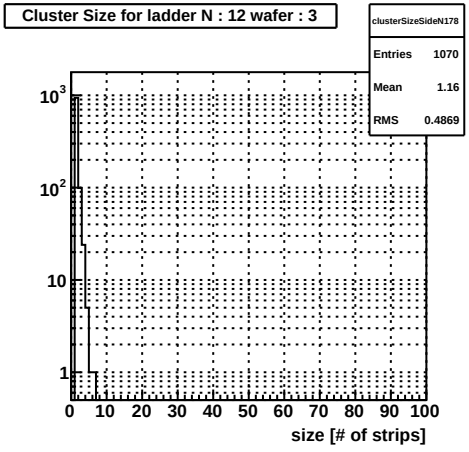

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 438
Mean 1.557
RMS 0.8681
size [# of strips]

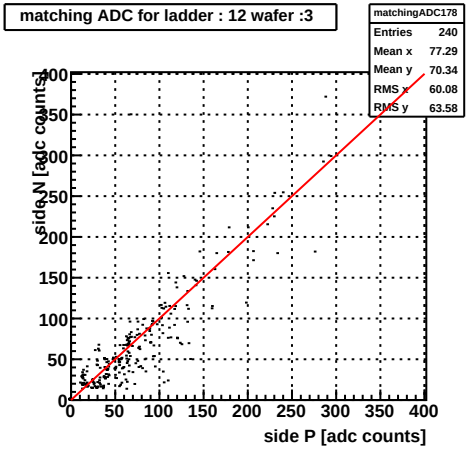

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 173
Mean x 78.52
Mean y 66.96
RMS x 59.85
RMS y 48.55
side N [adc counts]
side P [adc counts]

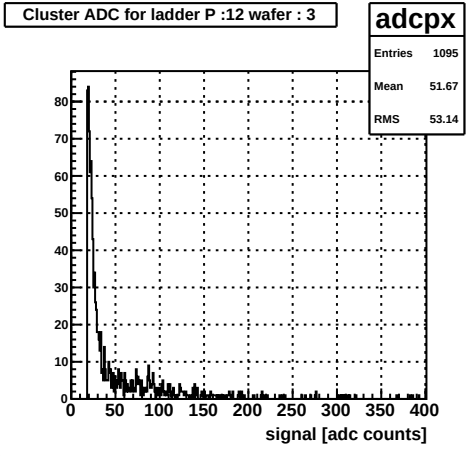

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1280
Mean 40.75
RMS 40.79
signal [adc counts]

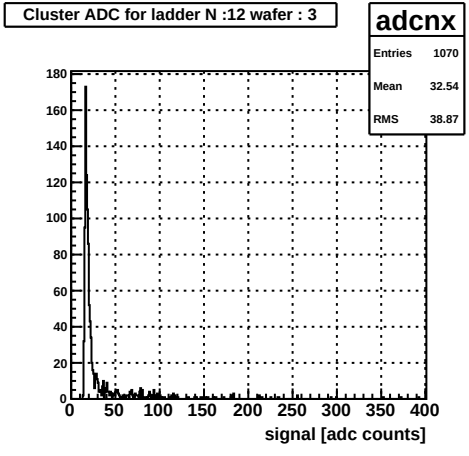

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 438
Mean 49.16
RMS 45.81
signal [adc counts]

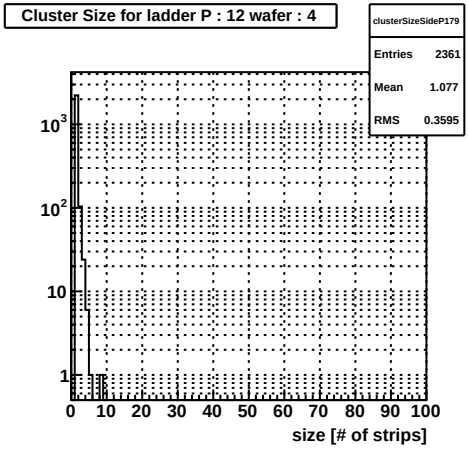

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1095
Mean 1.353
RMS 0.6853
size [# of strips]

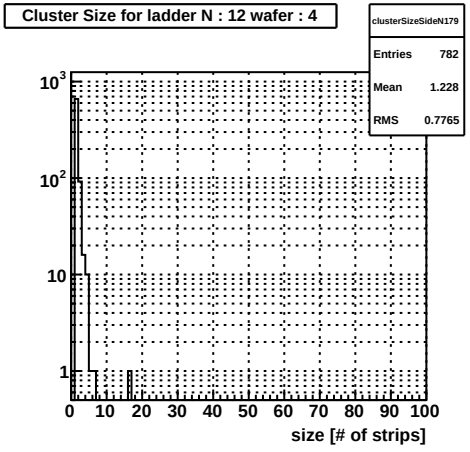

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1070
Mean 1.16
RMS 0.4869
size [# of strips]

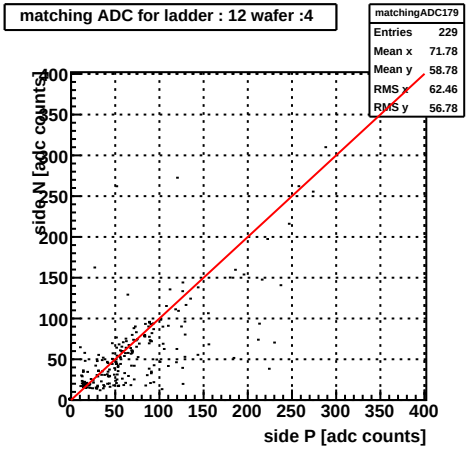

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 240
Mean x 77.29
Mean y 70.34
RMS x 60.08
RMS y 63.58
side N [adc counts]
side P [adc counts]

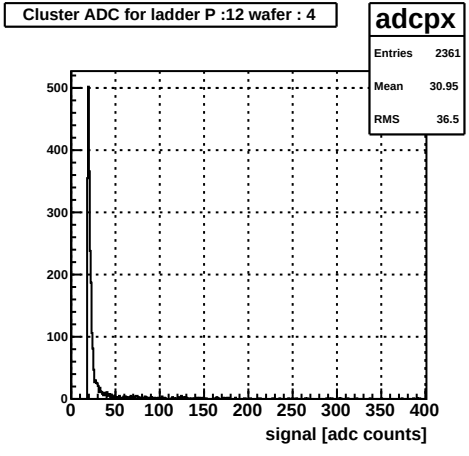

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1095
Mean 51.67
RMS 53.14
signal [adc counts]

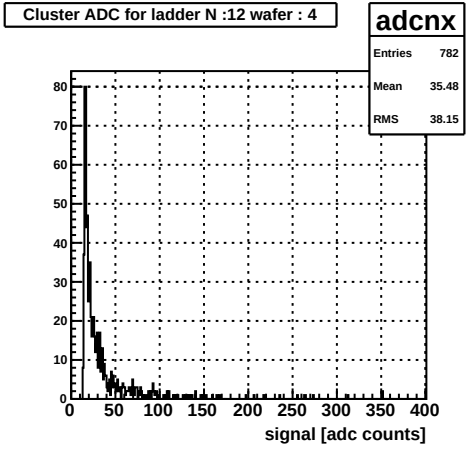

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1070
Mean 32.54
RMS 38.87
signal [adc counts]

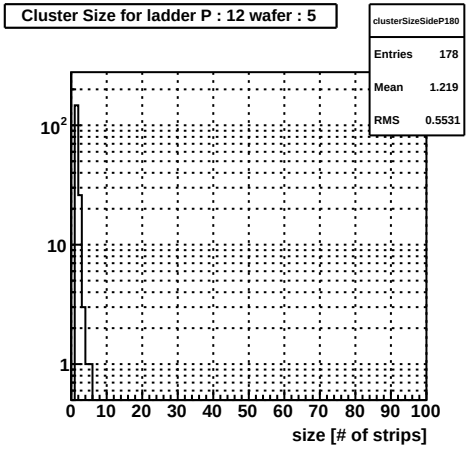

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 2361
Mean 1.077
RMS 0.3595
size [# of strips]

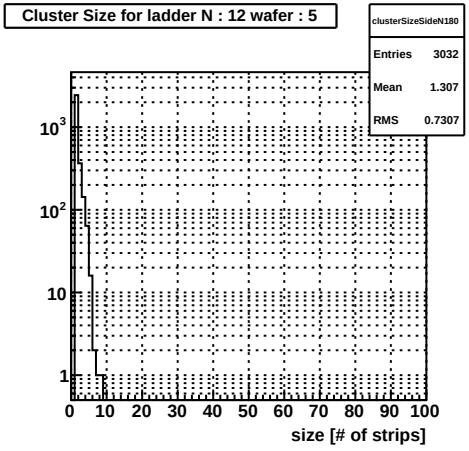

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 782
Mean 1.228
RMS 0.7765
size [# of strips]

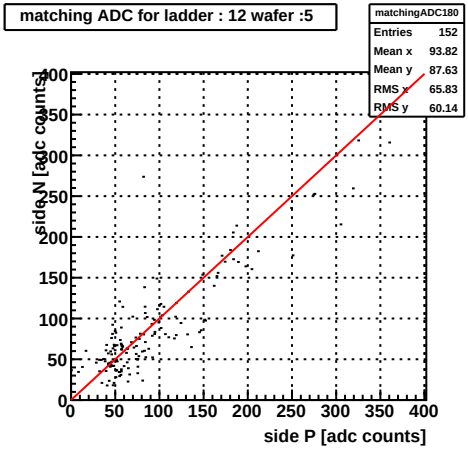

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 229
Mean x 71.78
Mean y 58.78
RMS x 62.46
RMS y 56.78
side N [adc counts]
side P [adc counts]

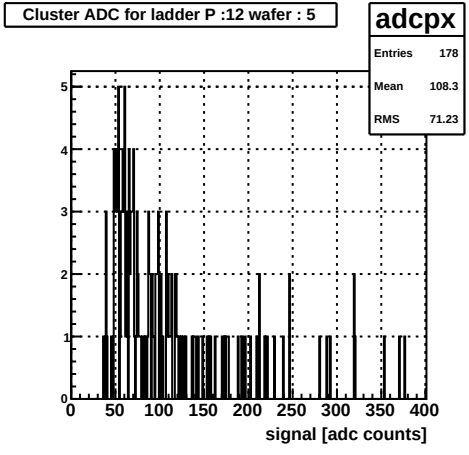

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 2361
Mean 30.95
RMS 36.5
signal [adc counts]

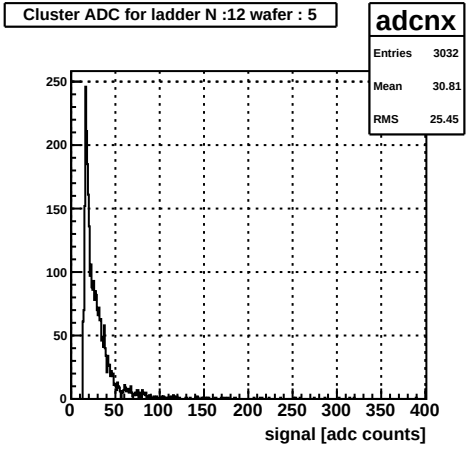

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 782
Mean 35.48
RMS 38.15
signal [adc counts]

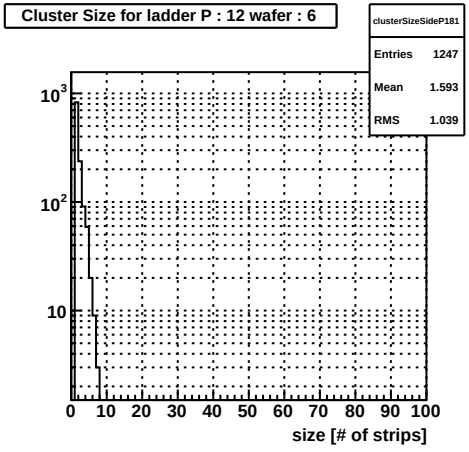

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 178
Mean 1.219
RMS 0.5531
size [# of strips]

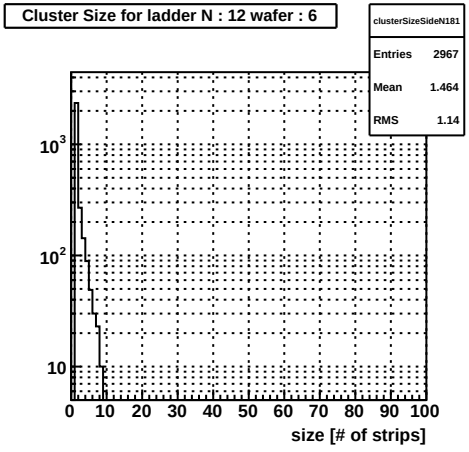

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 3032
Mean 1.307
RMS 0.7307
size [# of strips]

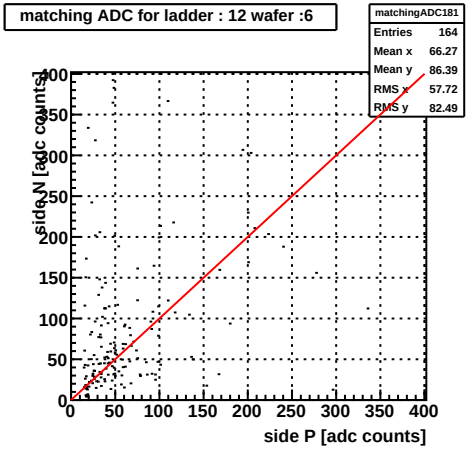

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 152
Mean x 93.82
Mean y 87.63
RMS x 65.83
RMS y 60.14
side N [adc counts]
side P [adc counts]

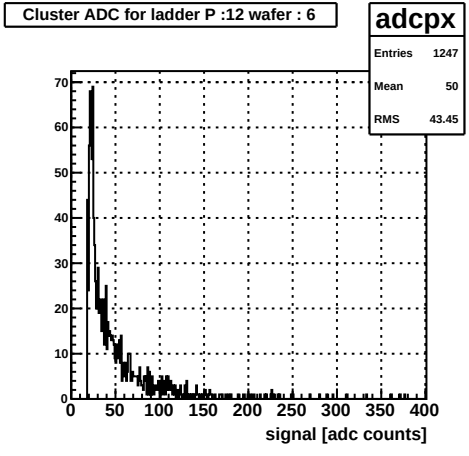

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 178
Mean 108.3
RMS 71.23
signal [adc counts]

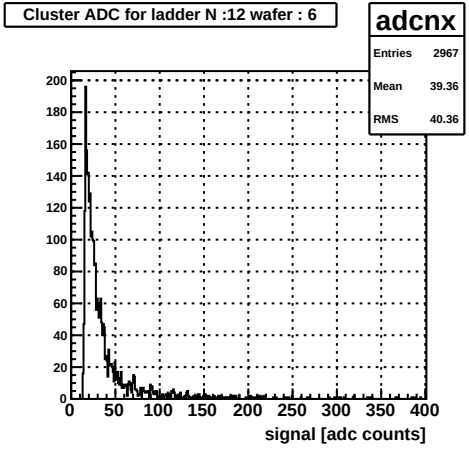

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 3032
Mean 30.81
RMS 25.45
signal [adc counts]

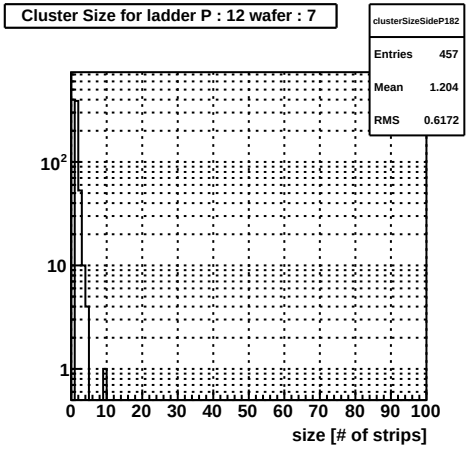

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1247
Mean 1.593
RMS 1.039
size [# of strips]

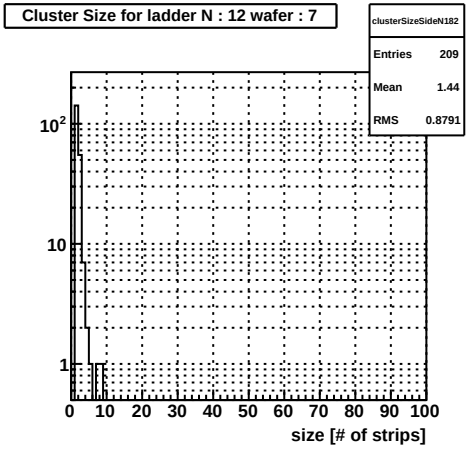

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 2967
Mean 1.464
RMS 1.14
size [# of strips]

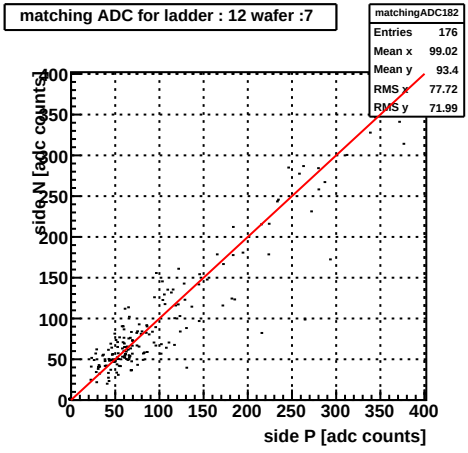

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 164
Mean x 66.27
Mean y 86.39
RMS x 57.72
RMS y 82.49
side N [adc counts]
side P [adc counts]

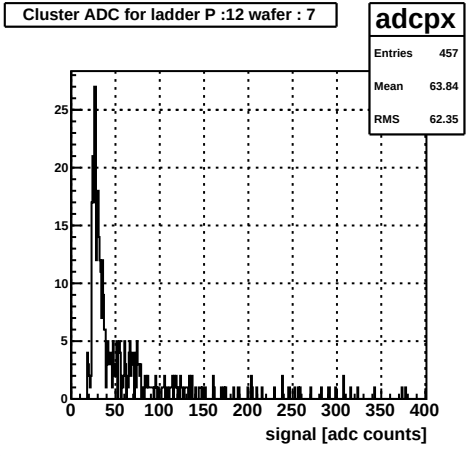

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1247
Mean 50
RMS 43.45
signal [adc counts]

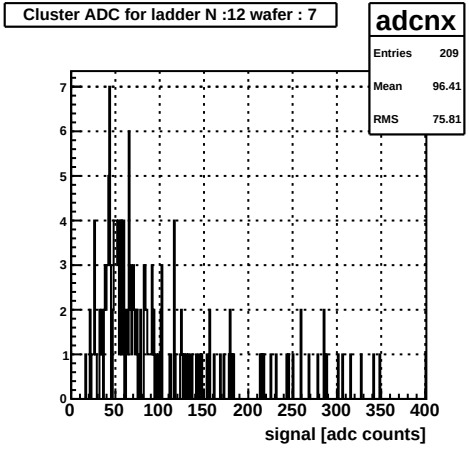

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 2967
Mean 39.36
RMS 40.36
signal [adc counts]

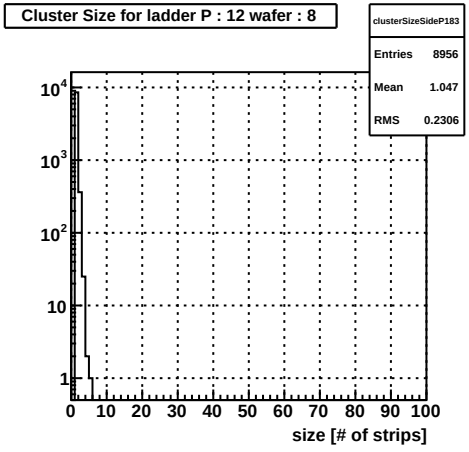

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 457
Mean 1.204
RMS 0.6172
size [# of strips]

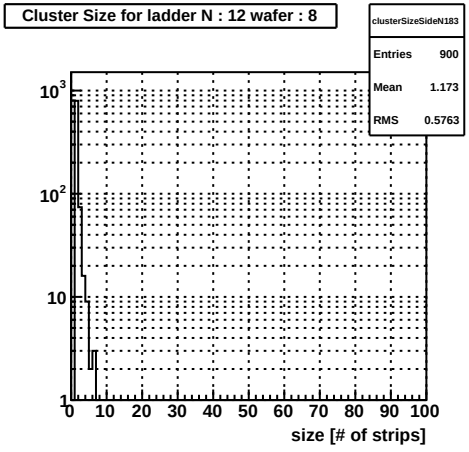

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 209
Mean 1.44
RMS 0.8791
size [# of strips]

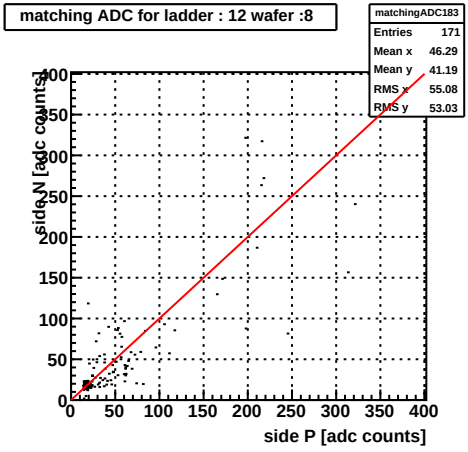

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 176
Mean x 99.02
Mean y 93.4
RMS x 77.72
RMS y 71.99
side N [adc counts]
side P [adc counts]

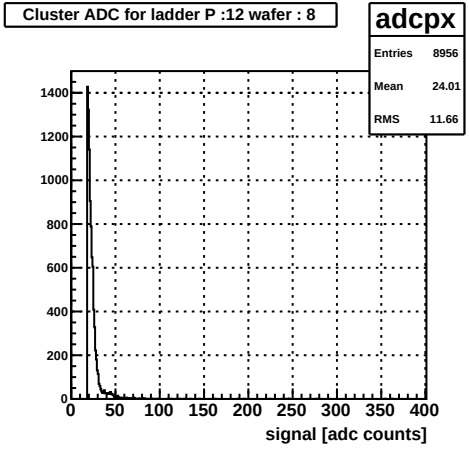

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 457
Mean 63.84
RMS 62.35
signal [adc counts]

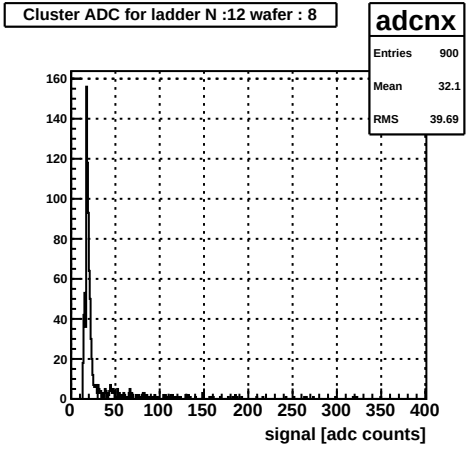

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 209
Mean 96.41
RMS 75.81
signal [adc counts]

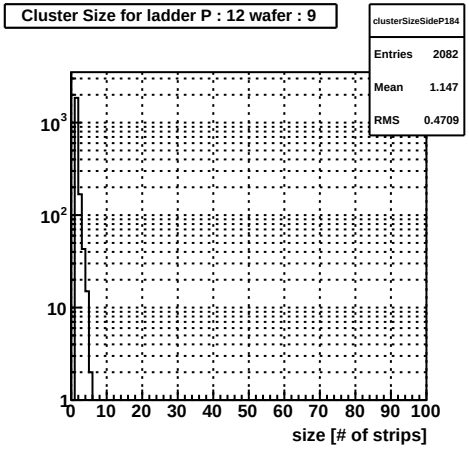

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 8956
Mean 1.047
RMS 0.2306
size [# of strips]

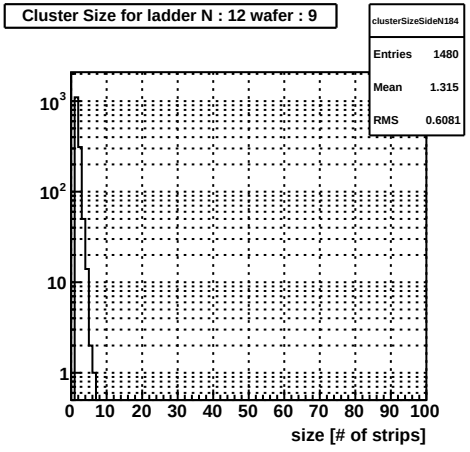

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 900
Mean 1.173
RMS 0.5763
size [# of strips]

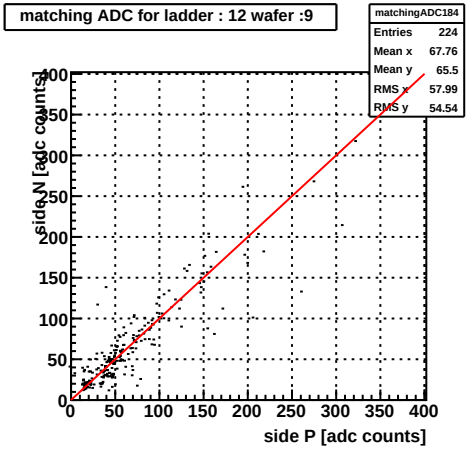

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 171
Mean x 46.29
Mean y 41.19
RMS x 55.08
RMS y 53.03
side N [adc counts]
side P [adc counts]

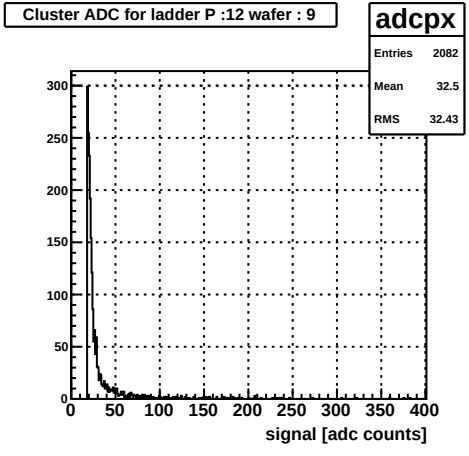

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 8956
Mean 24.01
RMS 11.66
signal [adc counts]

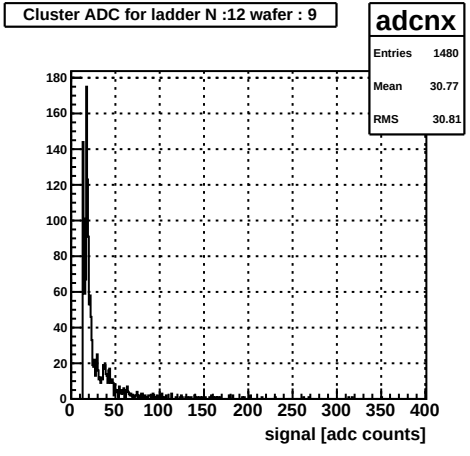

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 900
Mean 32.1
RMS 39.69
signal [adc counts]

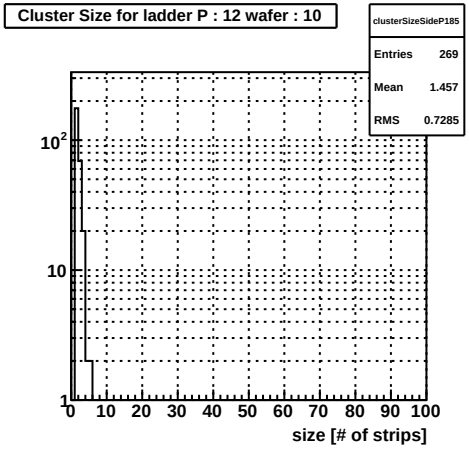

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 2082
Mean 1.147
RMS 0.4709
size [# of strips]

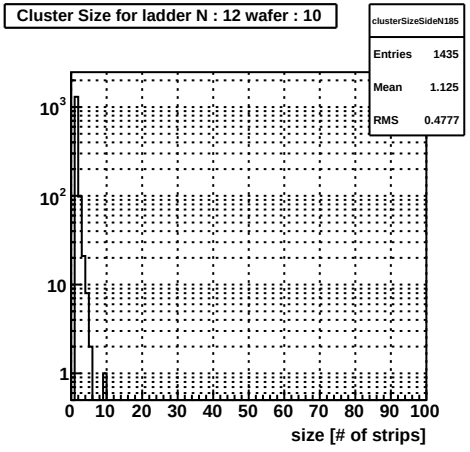

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 1480
Mean 1.315
RMS 0.6081
size [# of strips]

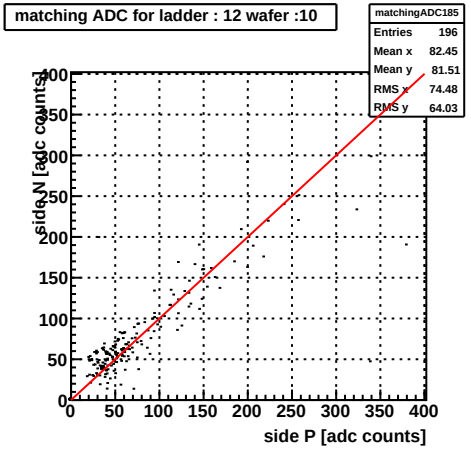

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 224
Mean x 67.76
Mean y 65.5
RMS x 57.99
RMS y 54.54
side N [adc counts]
side P [adc counts]

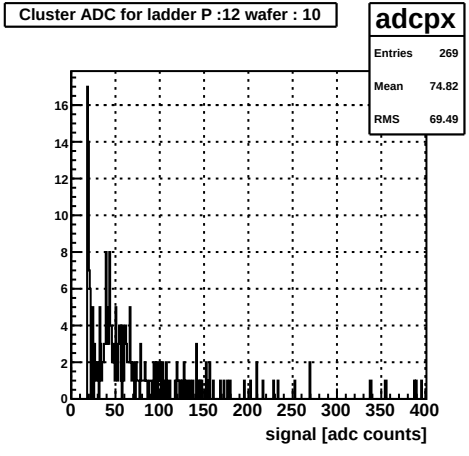

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 2082
Mean 32.5
RMS 32.43
signal [adc counts]

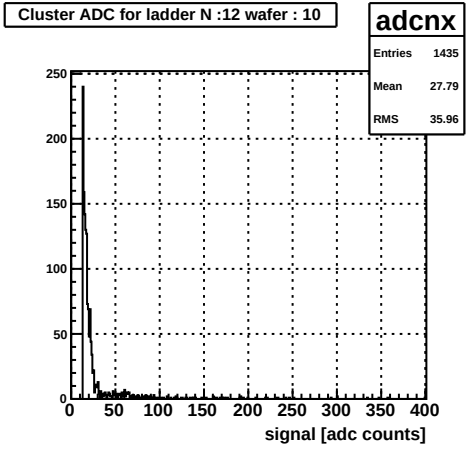

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 1480
Mean 30.77
RMS 30.81
signal [adc counts]

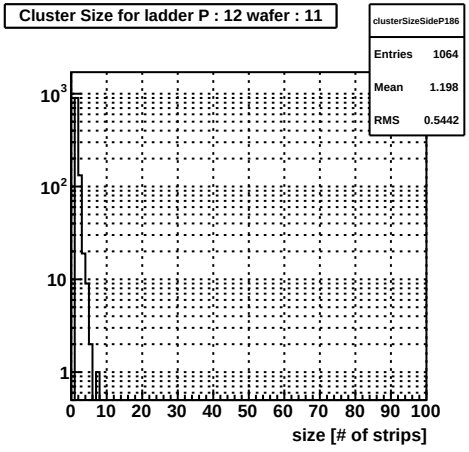

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 269
Mean 1.457
RMS 0.7285
size [# of strips]

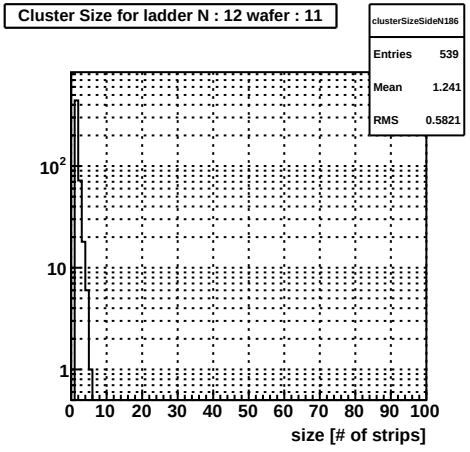

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1435
Mean 1.125
RMS 0.4777
size [# of strips]

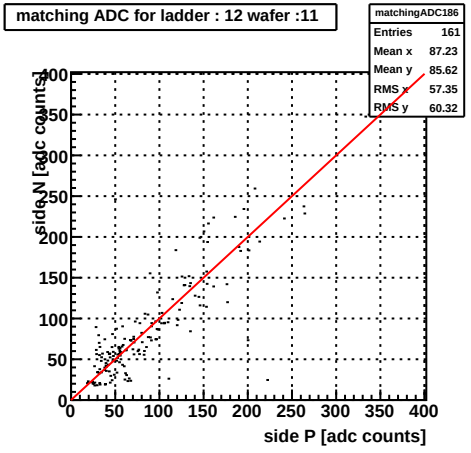

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 196
Mean x 82.45
Mean y 81.51
RMS x 74.48
RMS y 64.03
side N [adc counts]
side P [adc counts]

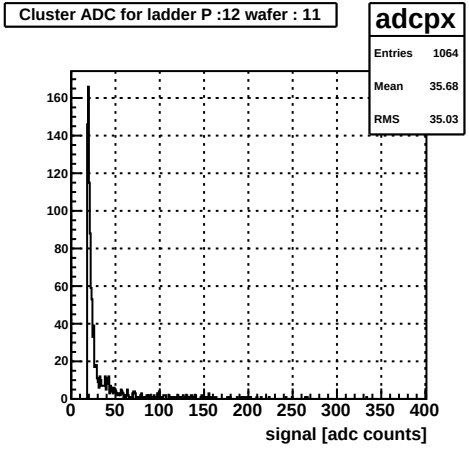

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 269
Mean 74.82
RMS 69.49
signal [adc counts]

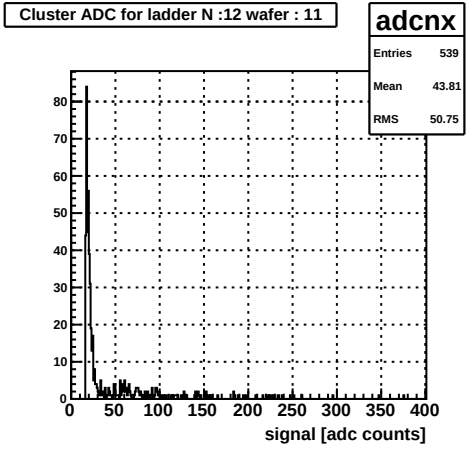

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1435
Mean 27.79
RMS 35.96
signal [adc counts]

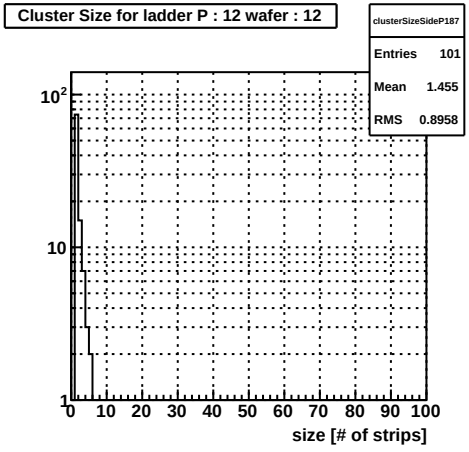

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1064
Mean 1.198
RMS 0.5442
size [# of strips]

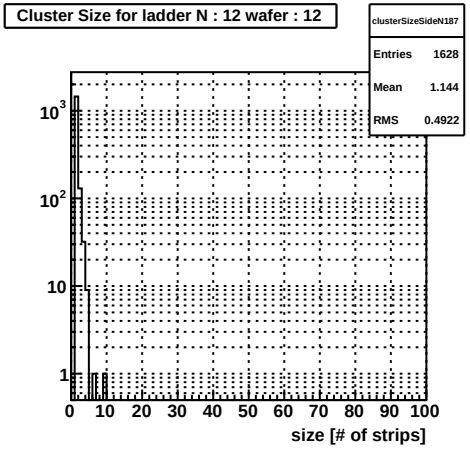

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 539
Mean 1.241
RMS 0.5821
size [# of strips]

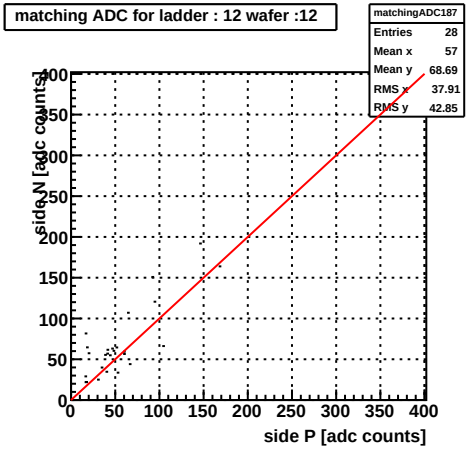

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 161
Mean x 87.23
Mean y 85.62
RMS x 57.35
RMS y 60.32
side N [adc counts]
side P [adc counts]

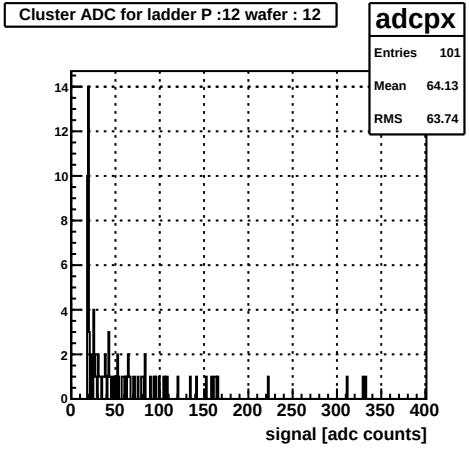

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1064
Mean 35.68
RMS 35.03
signal [adc counts]

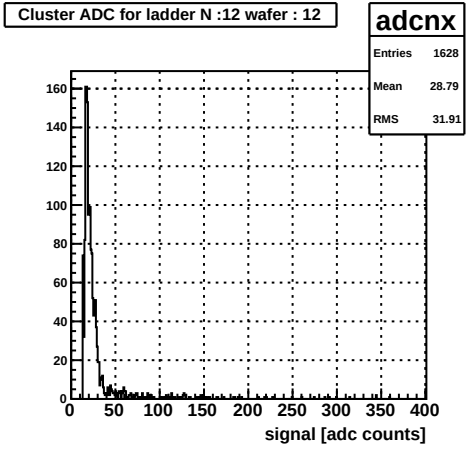

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 539
Mean 43.81
RMS 50.75
signal [adc counts]

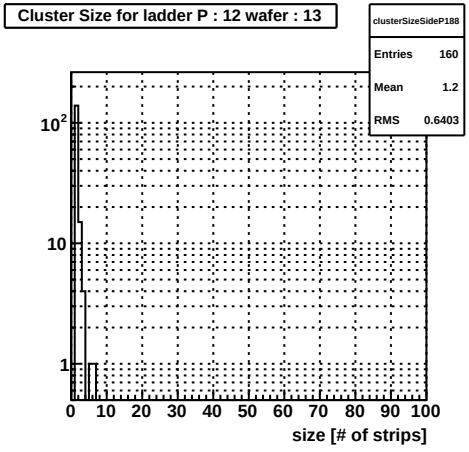

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 101
Mean 1.455
RMS 0.8958
size [# of strips]

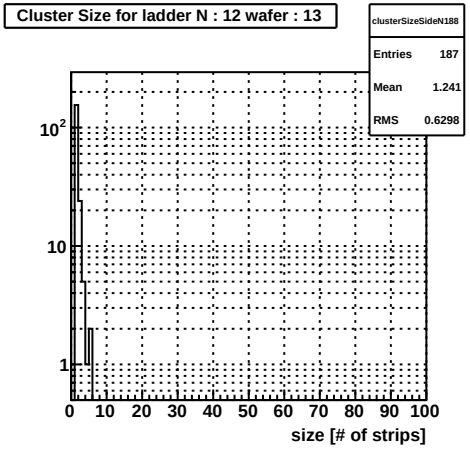

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 1628
Mean 1.144
RMS 0.4922
size [# of strips]

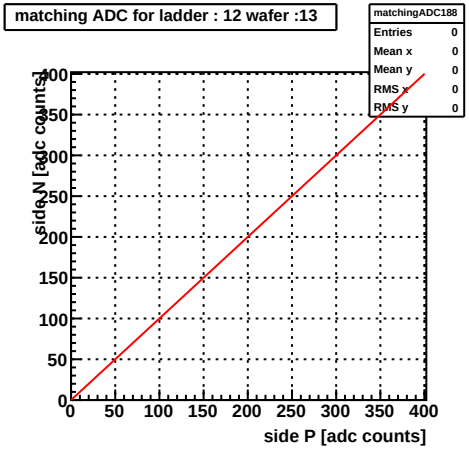

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 28
Mean x 57
Mean y 68.69
RMS x 37.91
RMS y 42.85
side N [adc counts]
side P [adc counts]

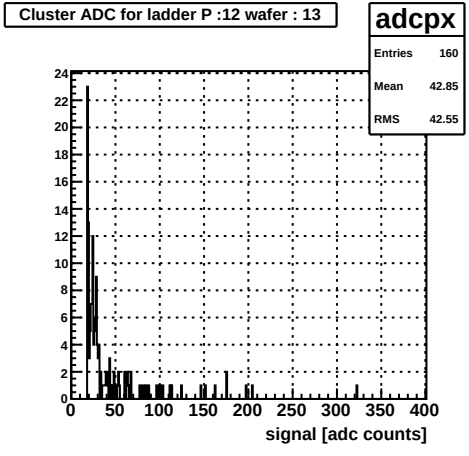

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 101
Mean 64.13
RMS 63.74
signal [adc counts]

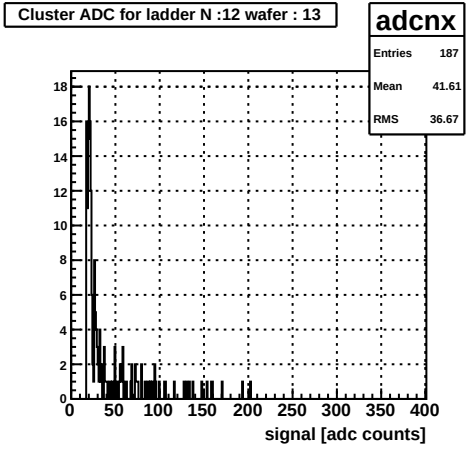

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 1628
Mean 28.79
RMS 31.91
signal [adc counts]

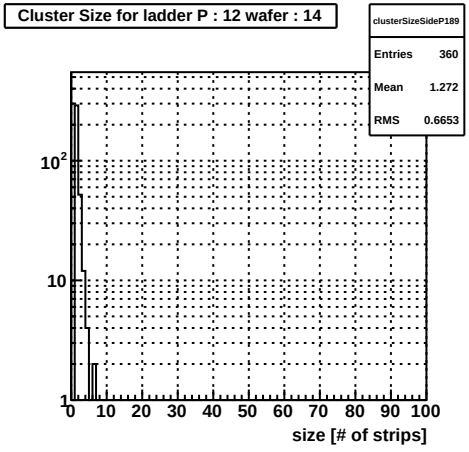

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 160
Mean 1.2
RMS 0.6403
size [# of strips]

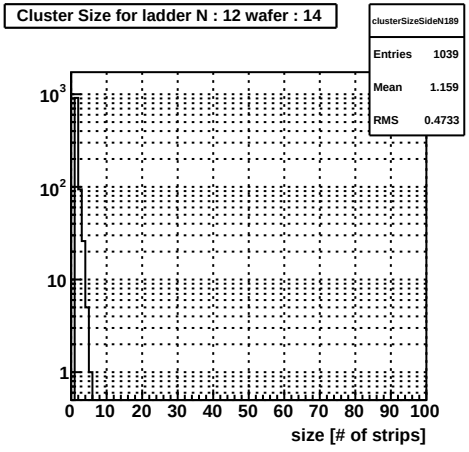

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 187
Mean 1.241
RMS 0.6298
size [# of strips]

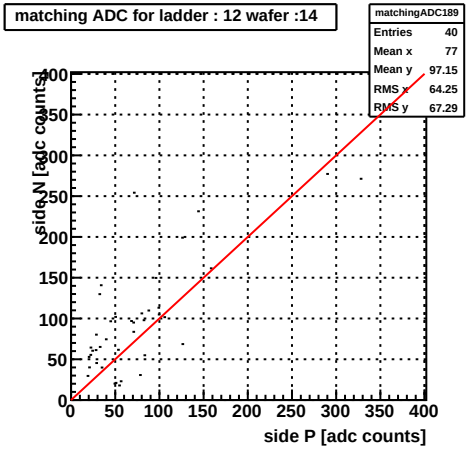

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

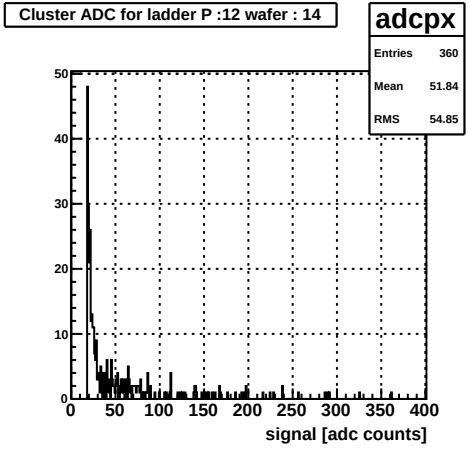

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 160
Mean 42.85
RMS 42.55
signal [adc counts]

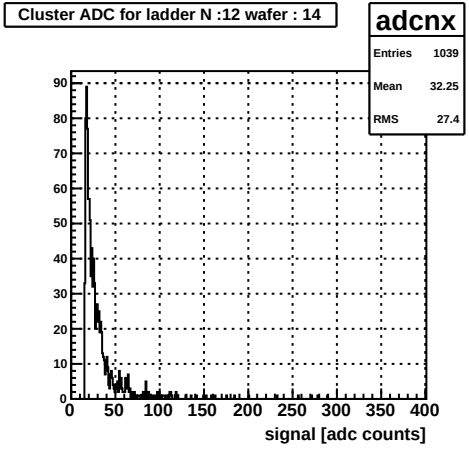

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 187
Mean 41.61
RMS 36.67
signal [adc counts]

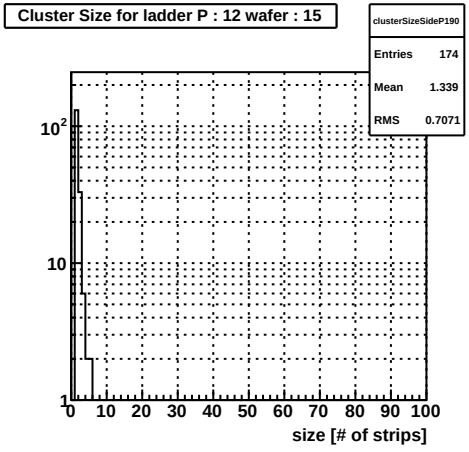

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 360
Mean 1.272
RMS 0.6653
size [# of strips]

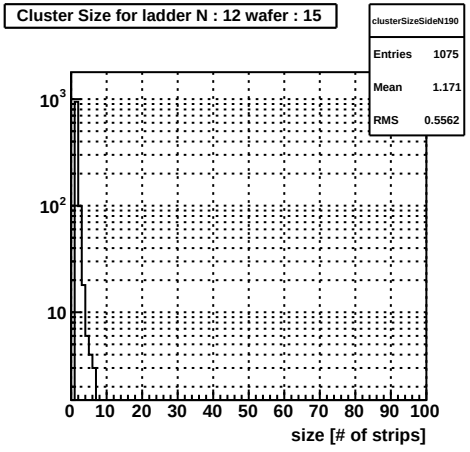

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1039
Mean 1.159
RMS 0.4733
size [# of strips]

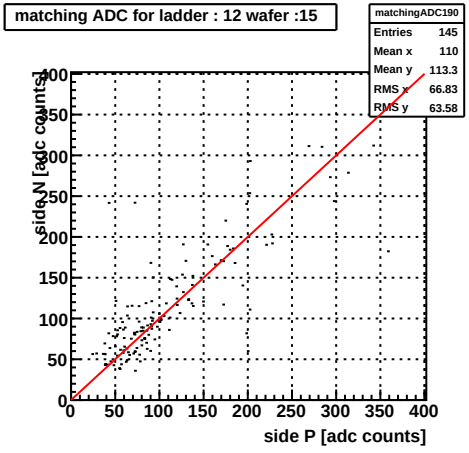

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 40
Mean x 77
Mean y 97.15
RMS x 64.25
RMS y 67.29
side N [adc counts]
side P [adc counts]

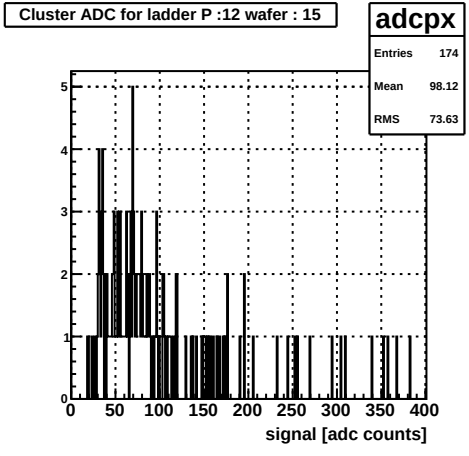

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 360
Mean 51.84
RMS 54.85
signal [adc counts]

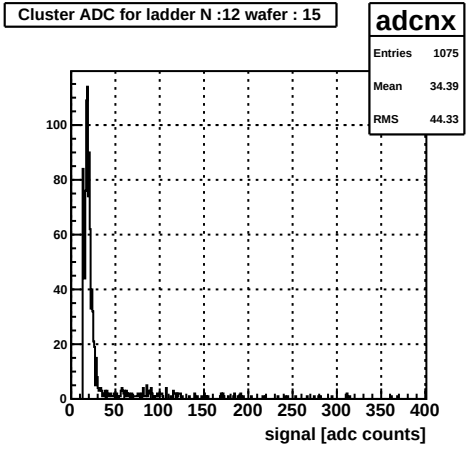

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1039
Mean 32.25
RMS 27.4
signal [adc counts]

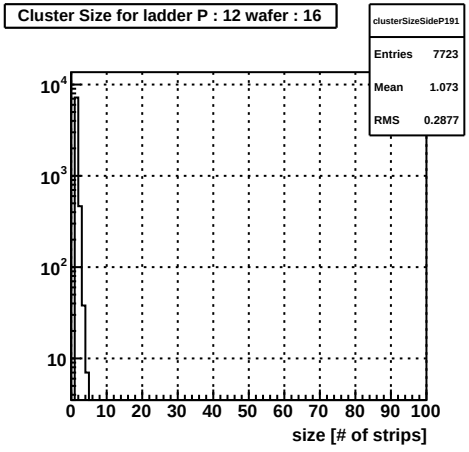

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 174
Mean 1.339
RMS 0.7071
size [# of strips]

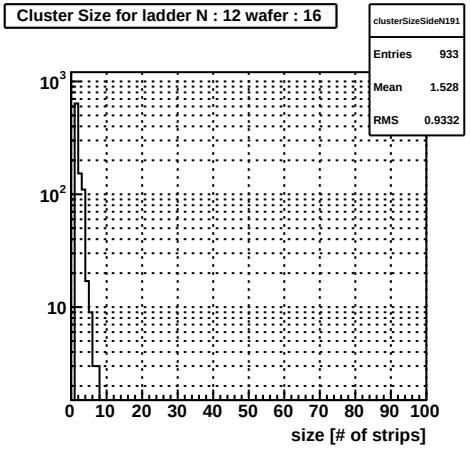

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1075
Mean 1.171
RMS 0.5562
size [# of strips]

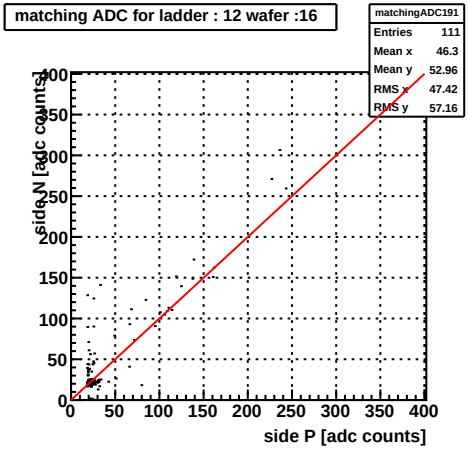

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 145
Mean x 110
Mean y 113.3
RMS x 66.83
RMS y 63.58
side N [adc counts]
side P [adc counts]

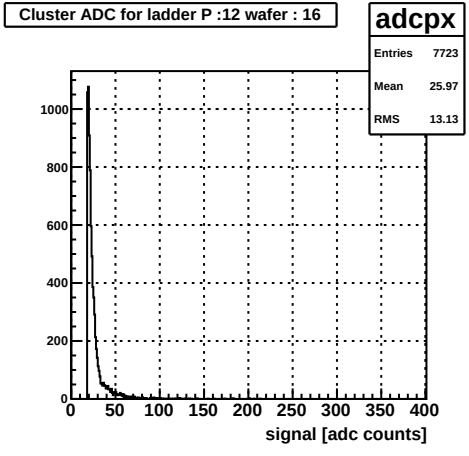

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 174
Mean 98.12
RMS 73.63
signal [adc counts]

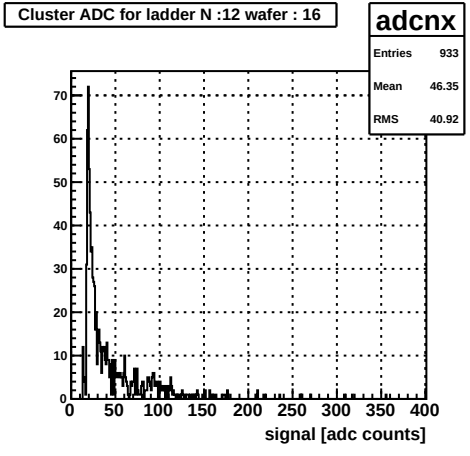

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1075
Mean 34.39
RMS 44.33
signal [adc counts]

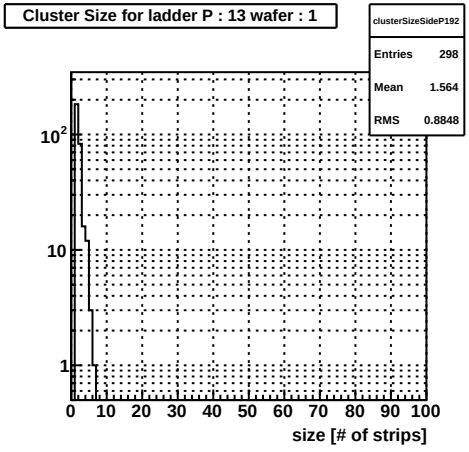

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 7723
Mean 1.073
RMS 0.2877
size [# of strips]

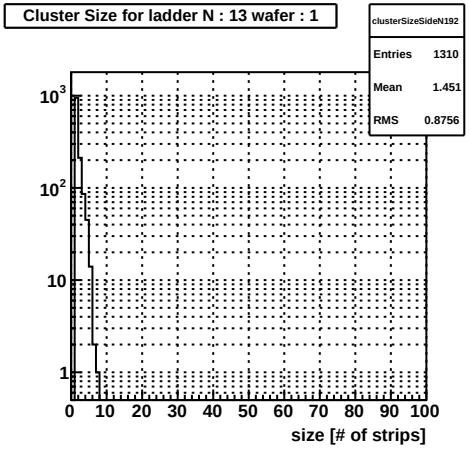

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 933
Mean 1.528
RMS 0.9332
size [# of strips]

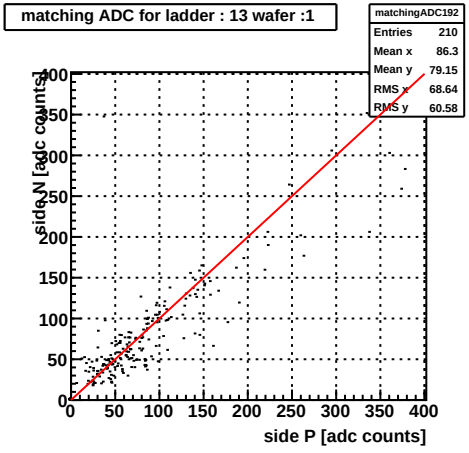

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 111
Mean x 46.3
Mean y 52.96
RMS x 47.42
RMS y 57.16
side N [adc counts]
side P [adc counts]

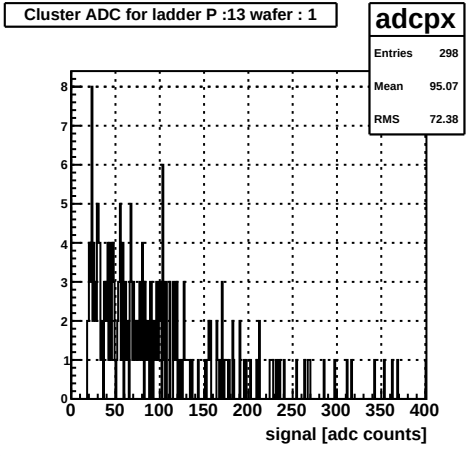

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 7723
Mean 25.97
RMS 13.13
signal [adc counts]

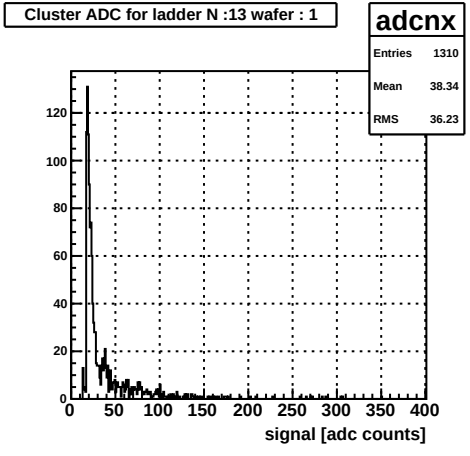

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 933
Mean 46.35
RMS 40.92
signal [adc counts]

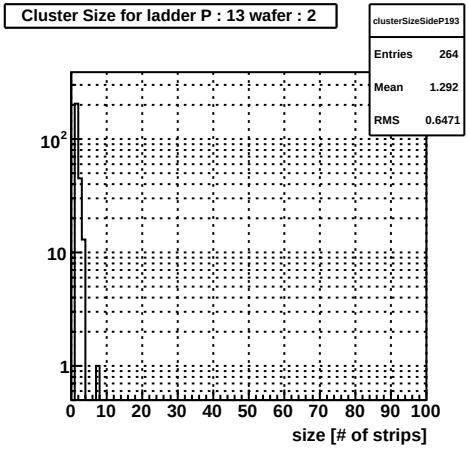

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 298
Mean 1.564
RMS 0.8848
size [# of strips]

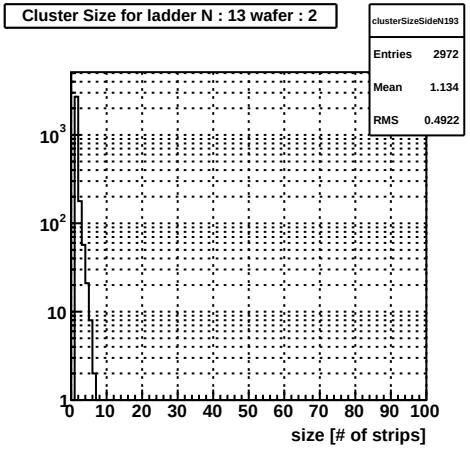

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1310
Mean 1.451
RMS 0.8756
size [# of strips]

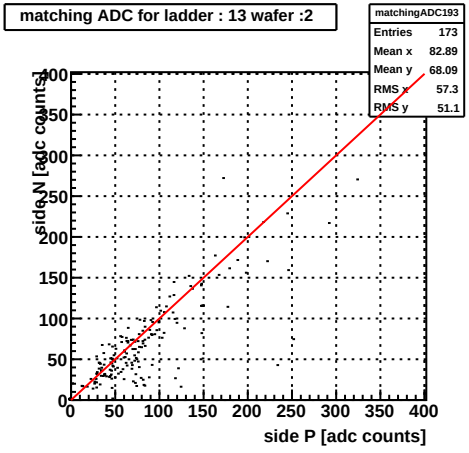

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 210
Mean x 86.3
Mean y 79.15
RMS x 68.64
RMS y 60.58
side N [adc counts]
side P [adc counts]

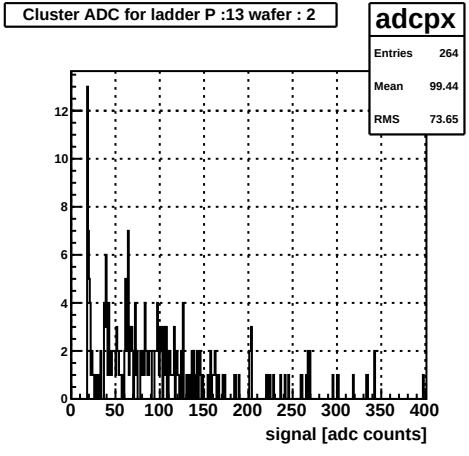

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 298
Mean 95.07
RMS 72.38
signal [adc counts]

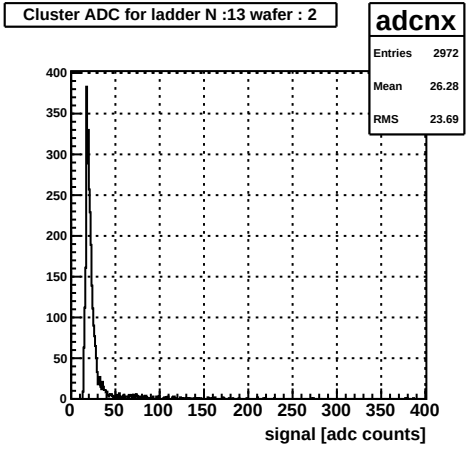

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1310
Mean 38.34
RMS 36.23
signal [adc counts]

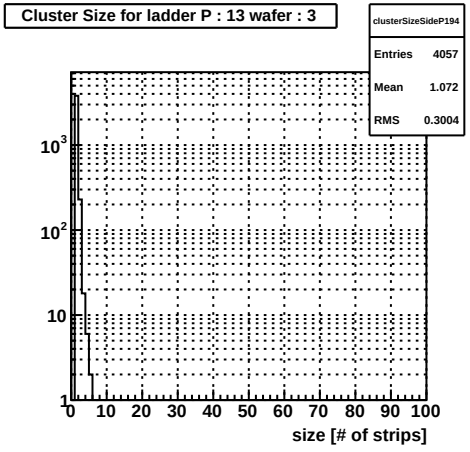

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 264
Mean 1.292
RMS 0.6471
size [# of strips]

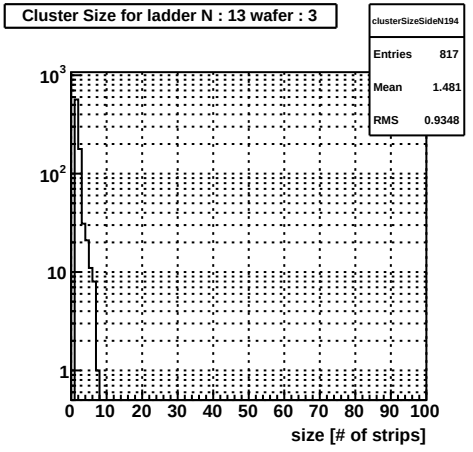

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2972
Mean 1.134
RMS 0.4922
size [# of strips]

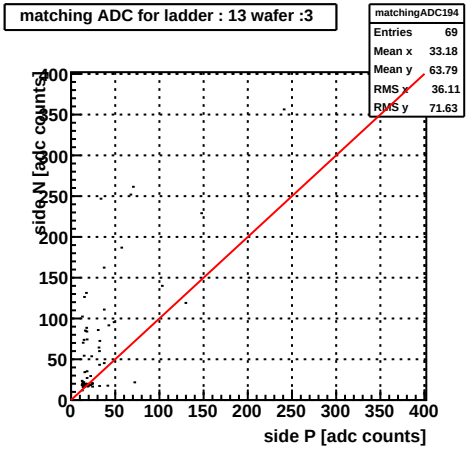

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 173
Mean x 82.89
Mean y 68.09
RMS x 57.3
RMS y 51.1
side N [adc counts]
side P [adc counts]

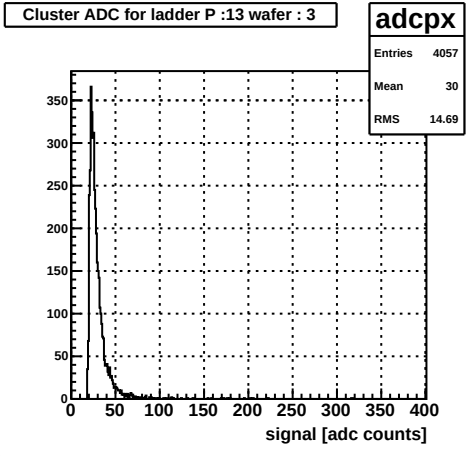

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 264
Mean 99.44
RMS 73.65
signal [adc counts]

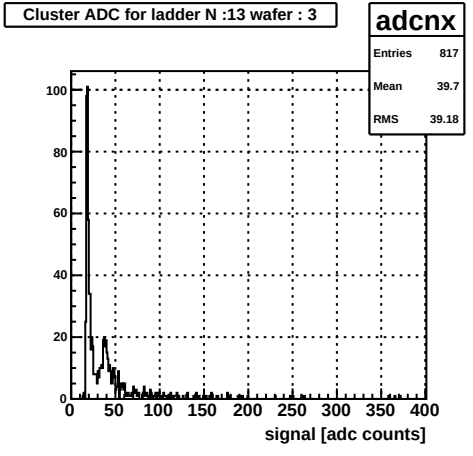

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2972
Mean 26.28
RMS 23.69
signal [adc counts]

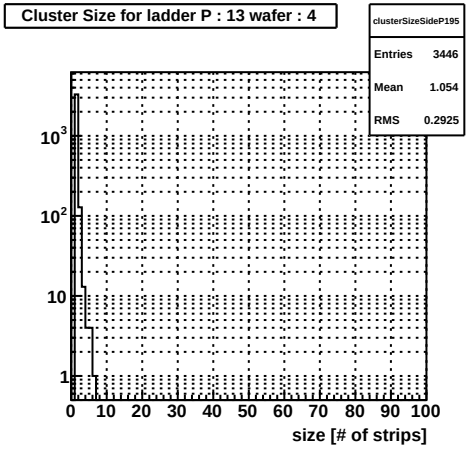

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 4057
Mean 1.072
RMS 0.3004
size [# of strips]

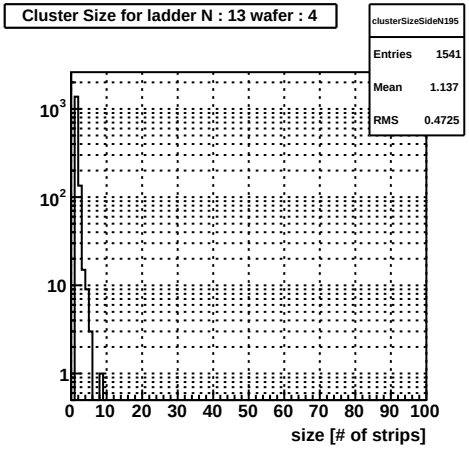

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 817
Mean 1.481
RMS 0.9348
size [# of strips]

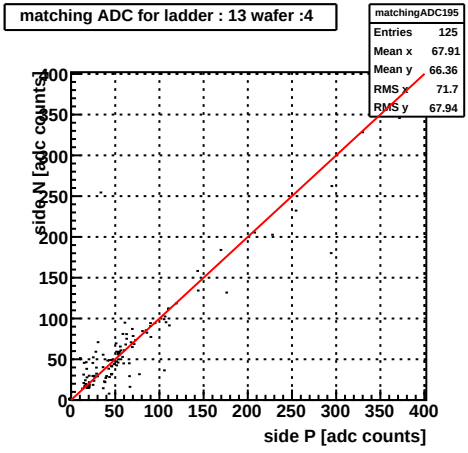

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 69
Mean x 33.18
Mean y 63.79
RMS x 36.11
RMS y 71.63
side N [adc counts]
side P [adc counts]

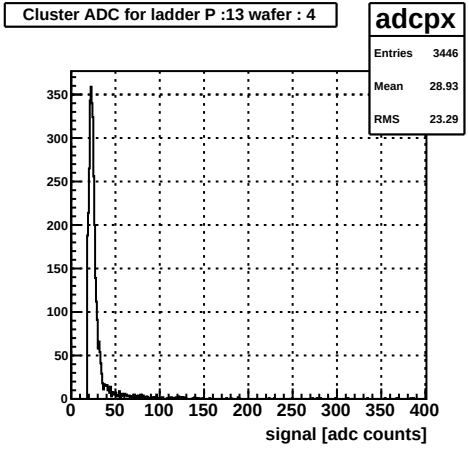

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 4057
Mean 30
RMS 14.69
signal [adc counts]

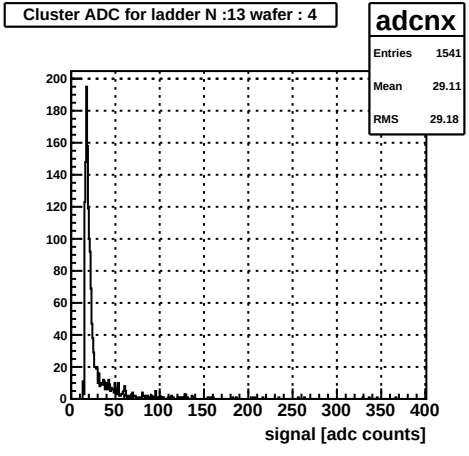

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 817
Mean 39.7
RMS 39.18
signal [adc counts]

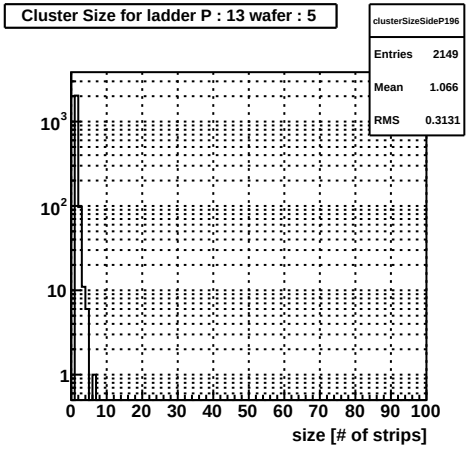

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 3446
Mean 1.054
RMS 0.2925
size [# of strips]

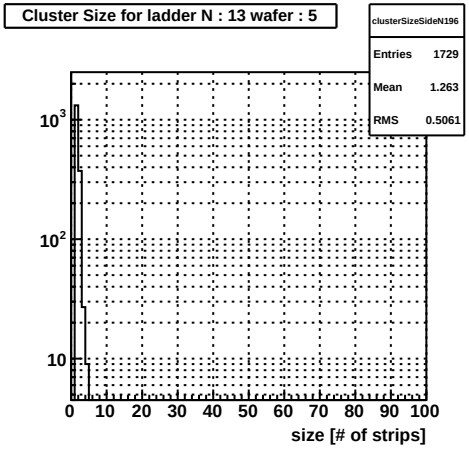

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1541
Mean 1.137
RMS 0.4725
size [# of strips]

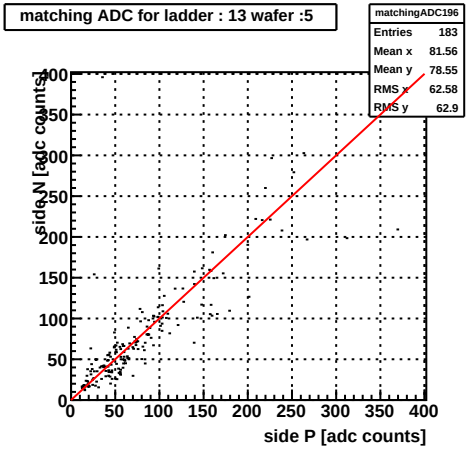

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 125
Mean x 67.91
Mean y 66.36
RMS x 71.7
RMS y 67.94
side N [adc counts]
side P [adc counts]

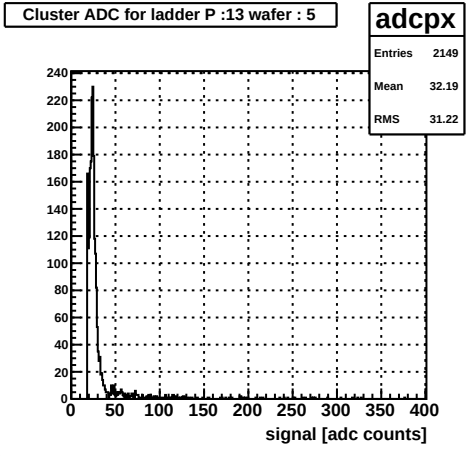

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 3446
Mean 28.93
RMS 23.29
signal [adc counts]

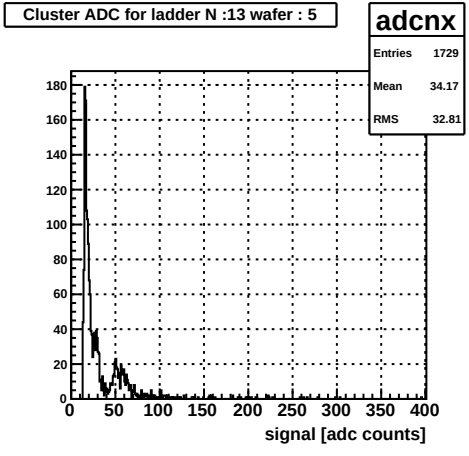

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1541
Mean 29.11
RMS 29.18
signal [adc counts]

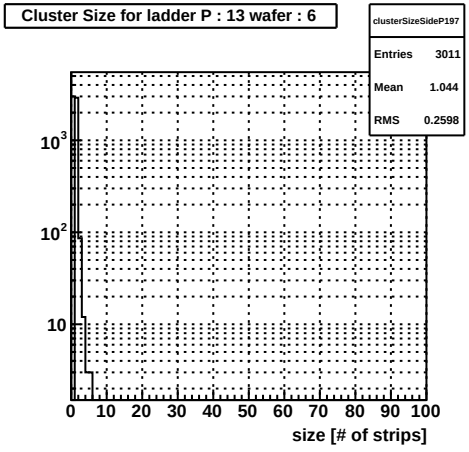

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 2149
Mean 1.066
RMS 0.3131
size [# of strips]

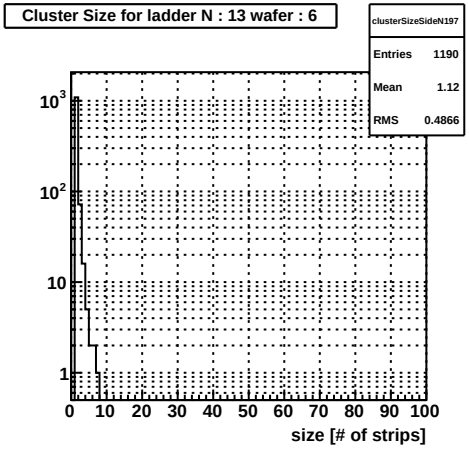

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 1729
Mean 1.263
RMS 0.5061
size [# of strips]

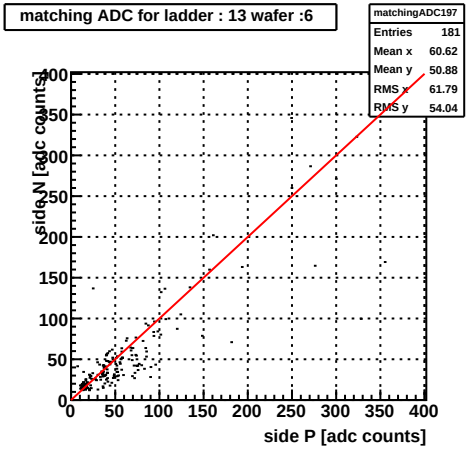

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 183
Mean x 81.56
Mean y 78.55
RMS x 62.58
RMS y 62.9
side N [adc counts]
side P [adc counts]

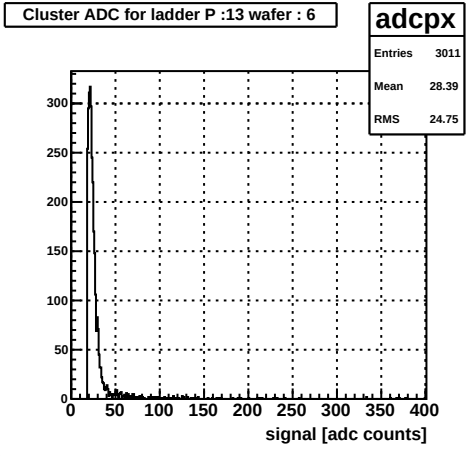

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 2149
Mean 32.19
RMS 31.22
signal [adc counts]

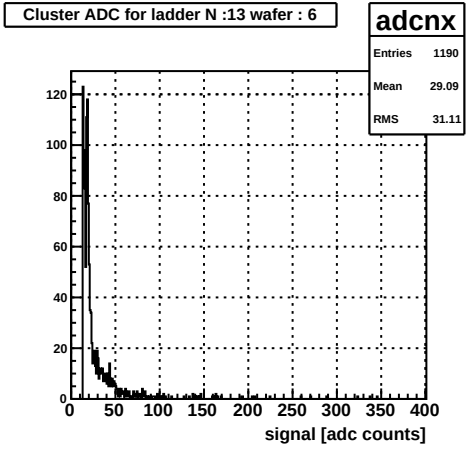

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 1729
Mean 34.17
RMS 32.81
signal [adc counts]

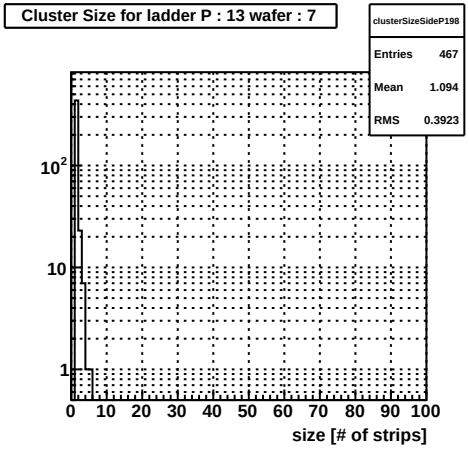

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 3011
Mean 1.044
RMS 0.2598
size [# of strips]

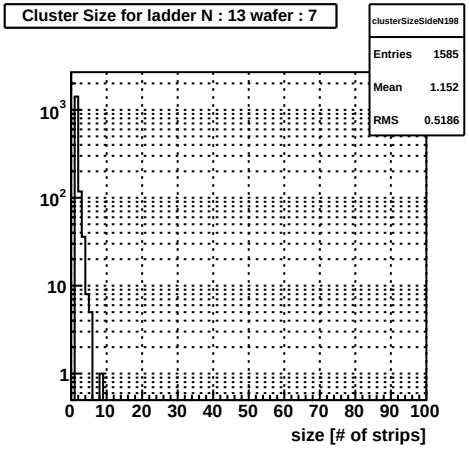

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1190
Mean 1.12
RMS 0.4866
size [# of strips]

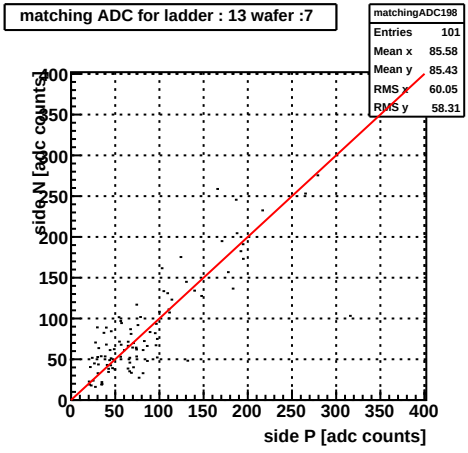

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 181
Mean x 60.62
Mean y 50.88
RMS x 61.79
RMS y 54.04
side N [adc counts]
side P [adc counts]

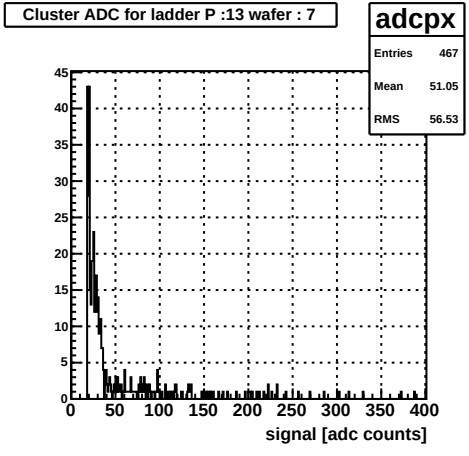

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 3011
Mean 28.39
RMS 24.75
signal [adc counts]

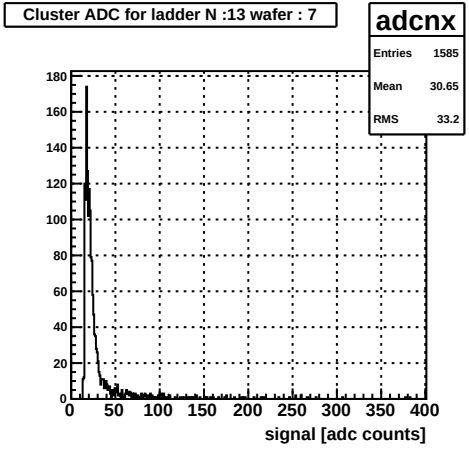

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1190
Mean 29.09
RMS 31.11
signal [adc counts]

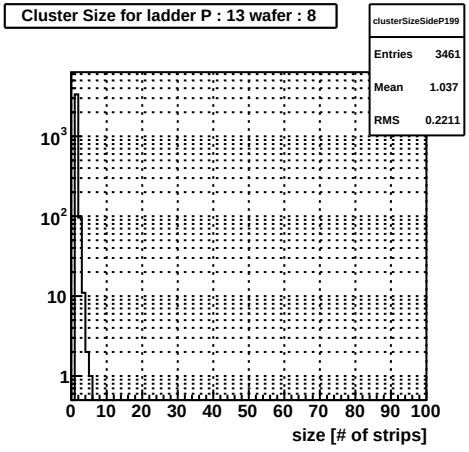

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 467
Mean 1.094
RMS 0.3923
size [# of strips]

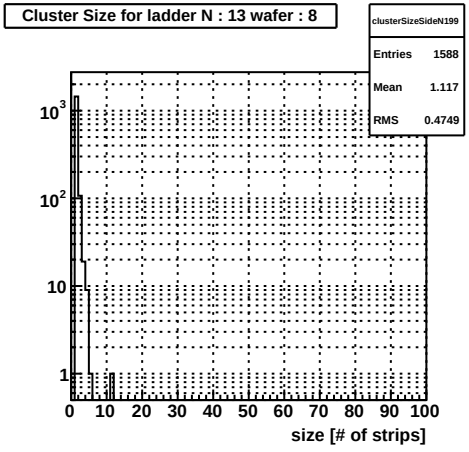

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 1585
Mean 1.152
RMS 0.5186
size [# of strips]

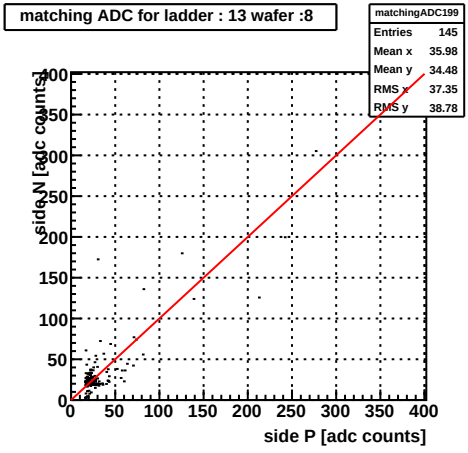

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 101
Mean x 85.58
Mean y 85.43
RMS x 60.05
RMS y 58.31
side N [adc counts]
side P [adc counts]

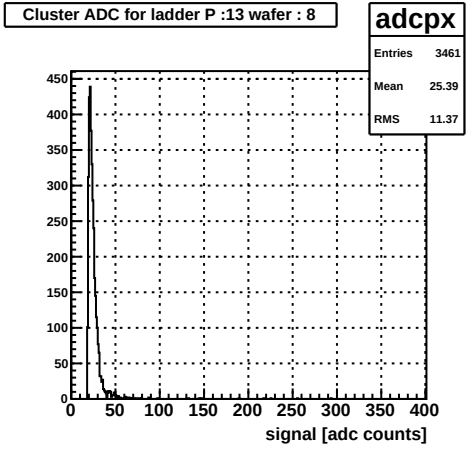

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 467
Mean 51.05
RMS 56.53
signal [adc counts]

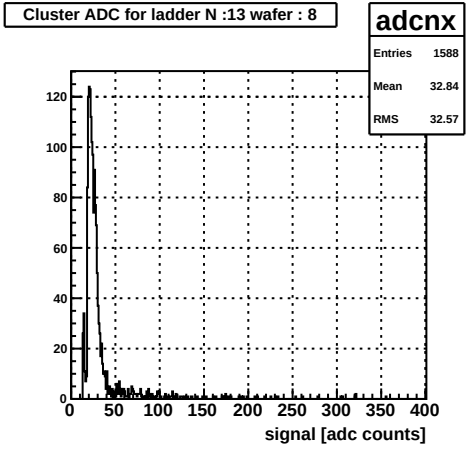

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 1585
Mean 30.65
RMS 33.2
signal [adc counts]

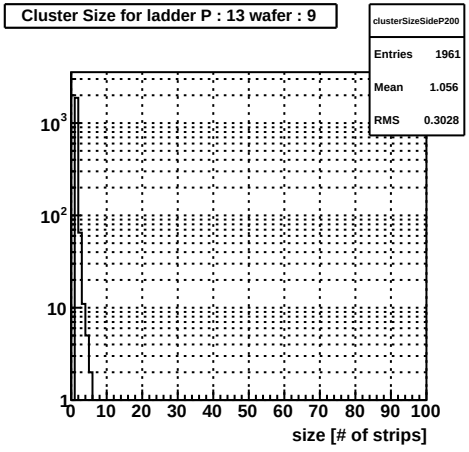

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 3461
Mean 1.037
RMS 0.2211
size [# of strips]

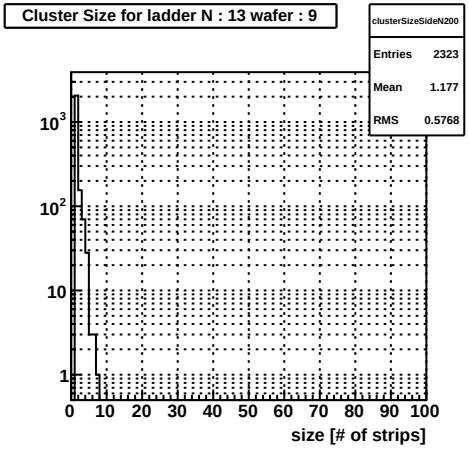

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1588
Mean 1.117
RMS 0.4749
size [# of strips]

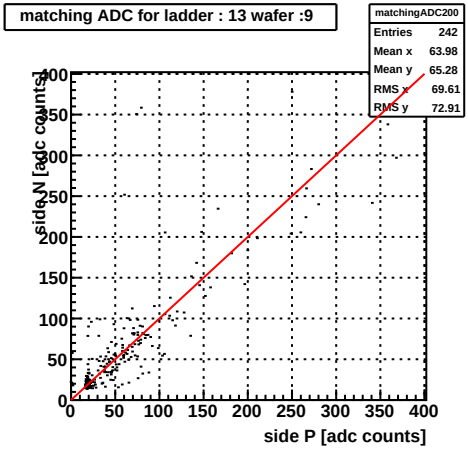

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 145
Mean x 35.98
Mean y 34.48
RMS x 37.35
RMS y 38.78
side N [adc counts]
side P [adc counts]

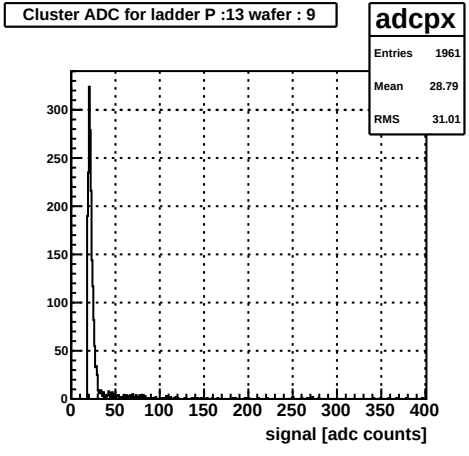

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 3461
Mean 25.39
RMS 11.37
signal [adc counts]

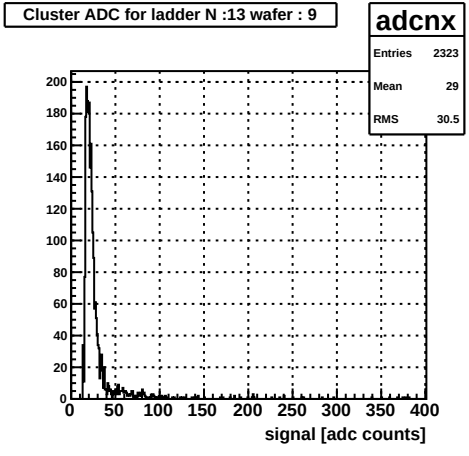

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1588
Mean 32.84
RMS 32.57
signal [adc counts]

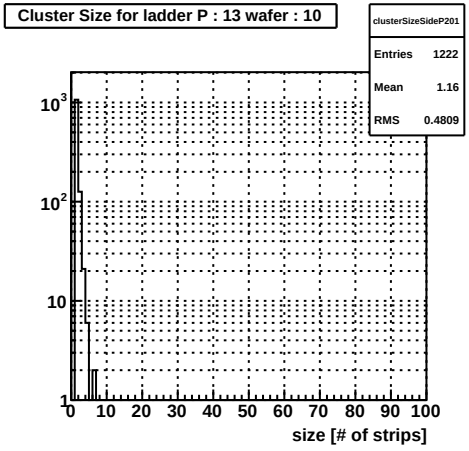

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 1961
Mean 1.056
RMS 0.3028
size [# of strips]

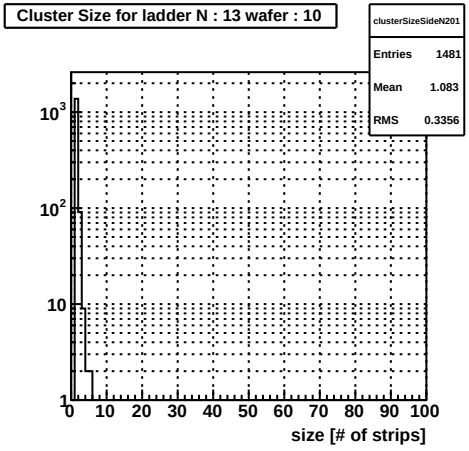

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2323
Mean 1.177
RMS 0.5768
size [# of strips]

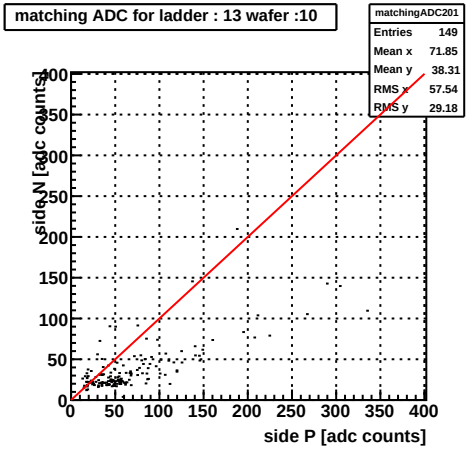

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 242
Mean x 63.98
Mean y 65.28
RMS x 69.61
RMS y 72.91
side N [adc counts]
side P [adc counts]

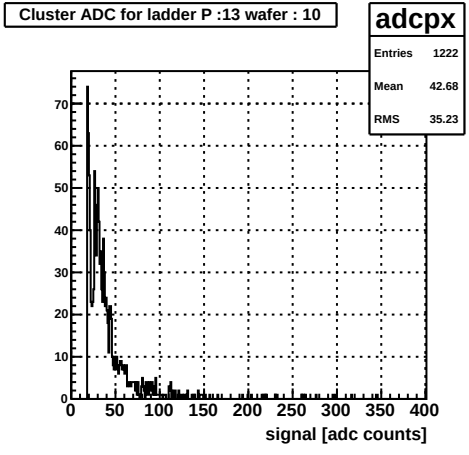

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 1961
Mean 28.79
RMS 31.01
signal [adc counts]

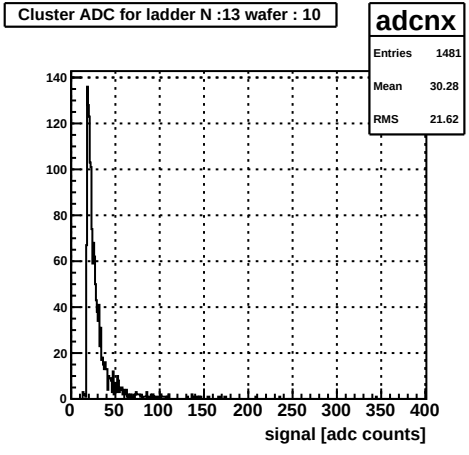

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2323
Mean 29
RMS 30.5
signal [adc counts]

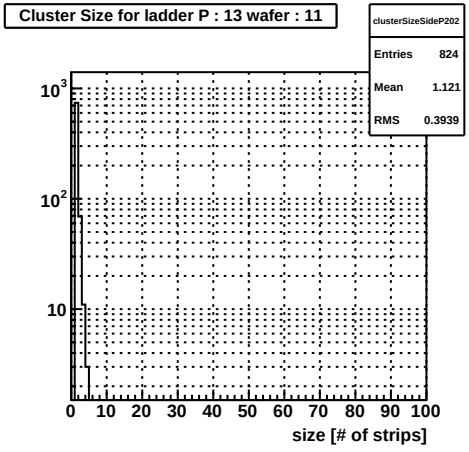

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 1222
Mean 1.16
RMS 0.4809
size [# of strips]

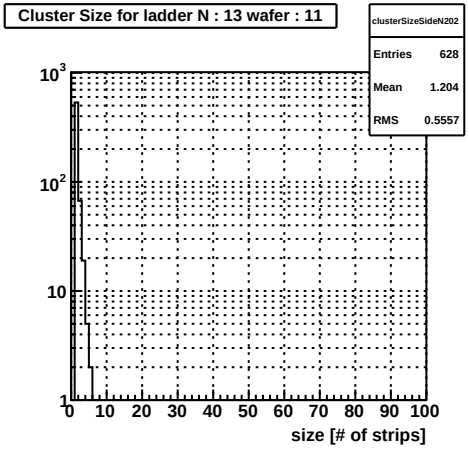

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 1481
Mean 1.083
RMS 0.3356
size [# of strips]

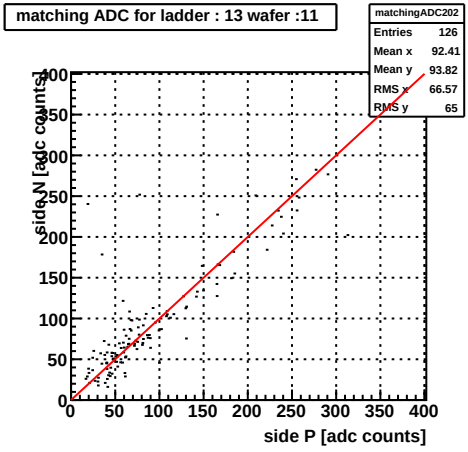

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 149
Mean x 71.85
Mean y 38.31
RMS x 57.54
RMS y 29.18
side N [adc counts]
side P [adc counts]

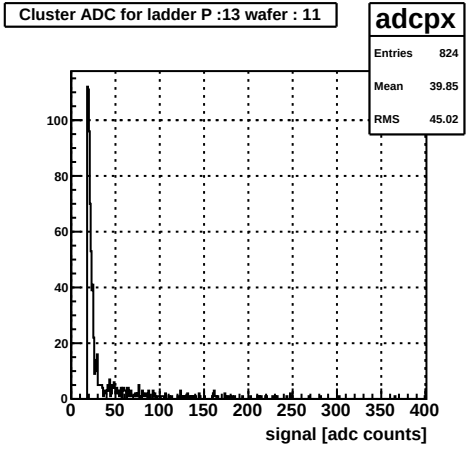

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 1222
Mean 42.68
RMS 35.23
signal [adc counts]

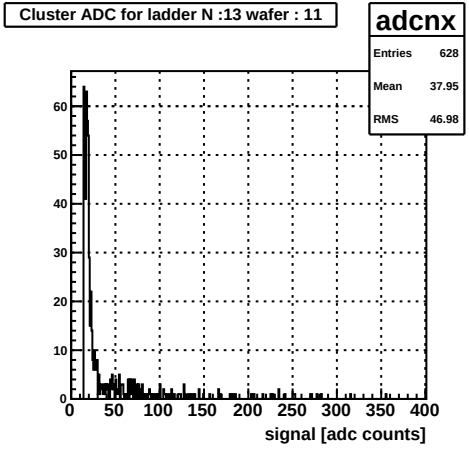

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 1481
Mean 30.28
RMS 21.62
signal [adc counts]

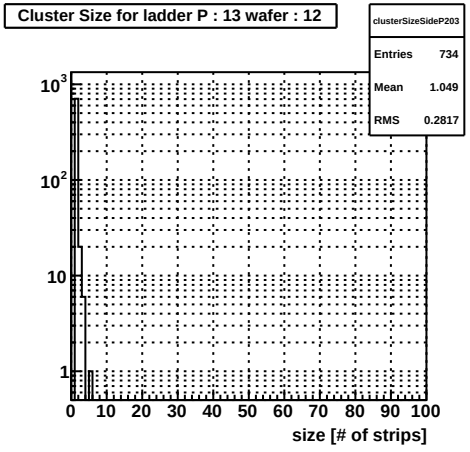

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 824
Mean 1.121
RMS 0.3939
size [# of strips]

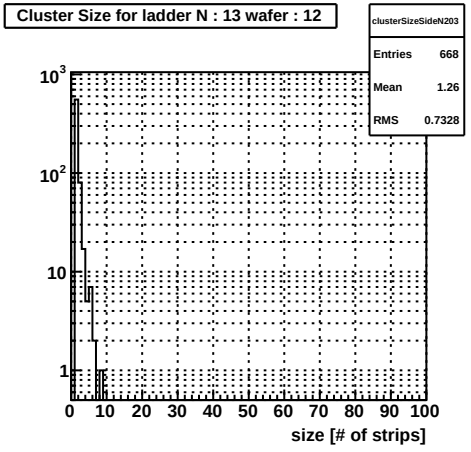

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 628
Mean 1.204
RMS 0.5557
size [# of strips]

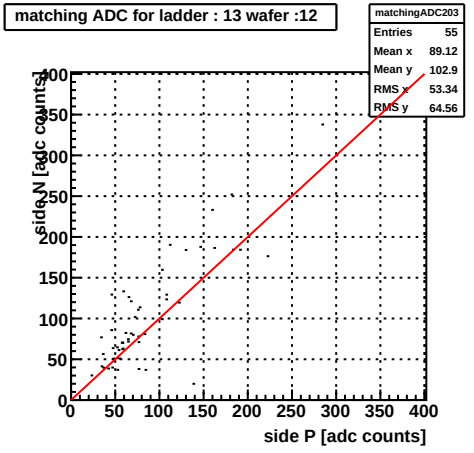

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 126
Mean x 92.41
Mean y 93.82
RMS x 66.57
RMS y 65
side N [adc counts]
side P [adc counts]

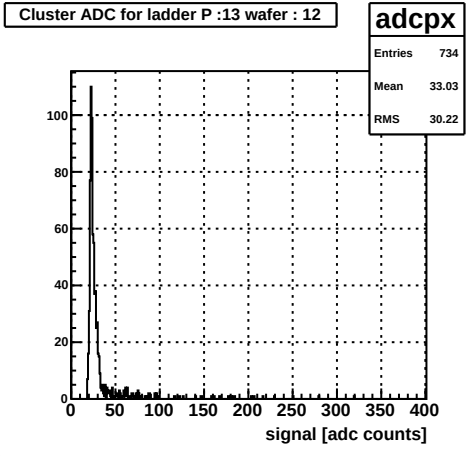

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 824
Mean 39.85
RMS 45.02
signal [adc counts]

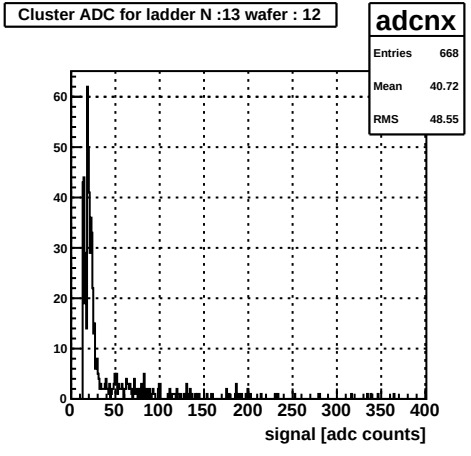

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 628
Mean 37.95
RMS 46.98
signal [adc counts]

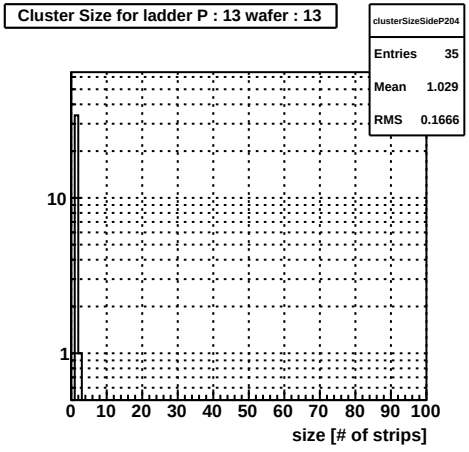

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 734
Mean 1.049
RMS 0.2817
size [# of strips]

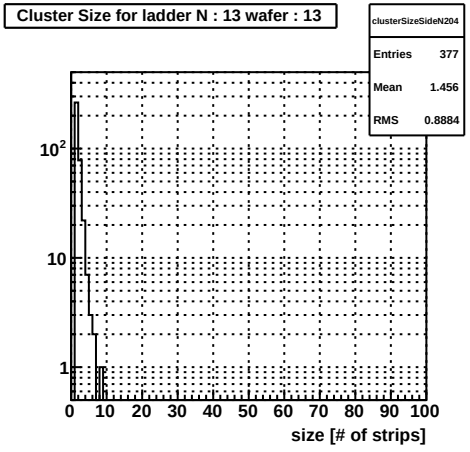

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 668
Mean 1.26
RMS 0.7328
size [# of strips]

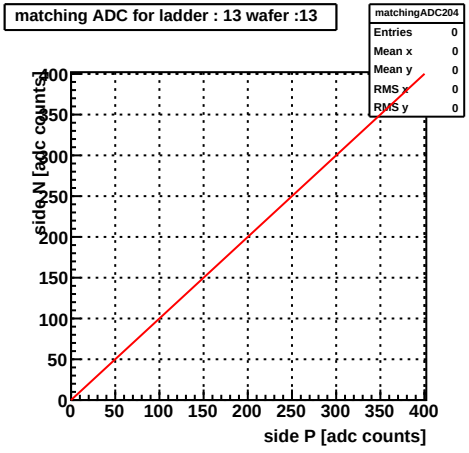

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 55
Mean x 89.12
Mean y 102.9
RMS x 53.34
RMS y 64.56
side N [adc counts]
side P [adc counts]

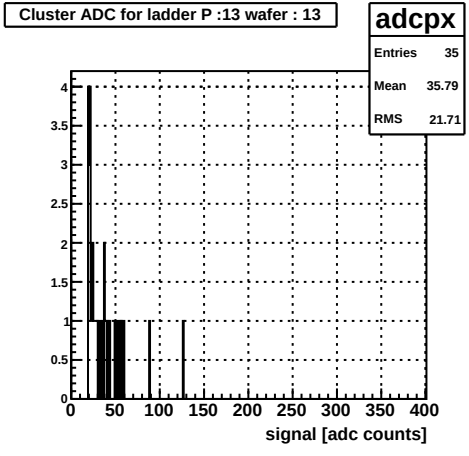

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 734
Mean 33.03
RMS 30.22
signal [adc counts]

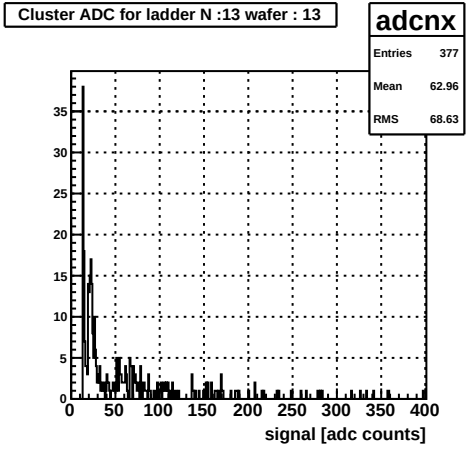

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 668
Mean 40.72
RMS 48.55
signal [adc counts]

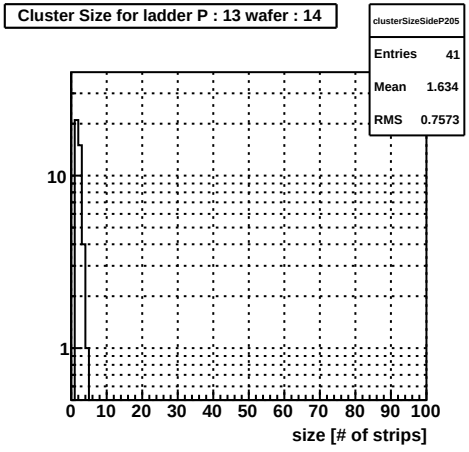

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 35
Mean 1.029
RMS 0.1666
size [# of strips]

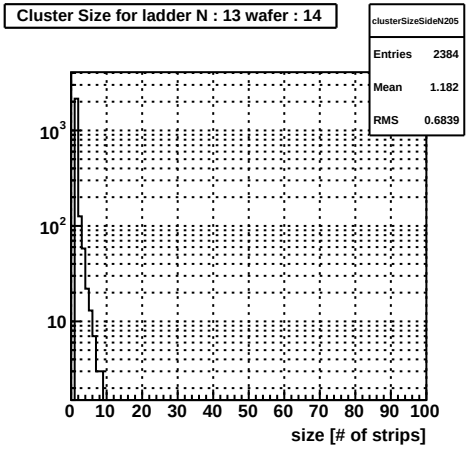

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 377
Mean 1.456
RMS 0.8884
size [# of strips]

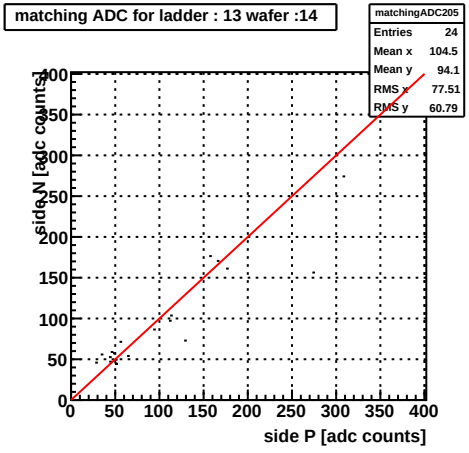

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

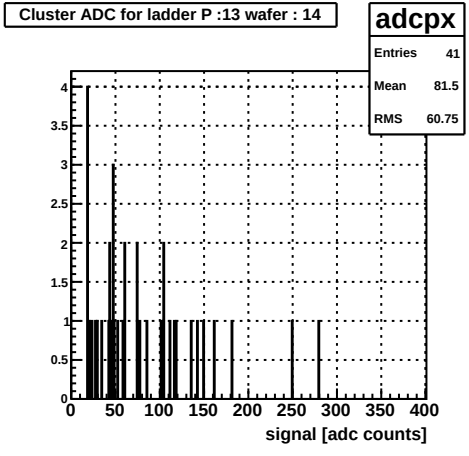

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 35
Mean 35.79
RMS 21.71
signal [adc counts]

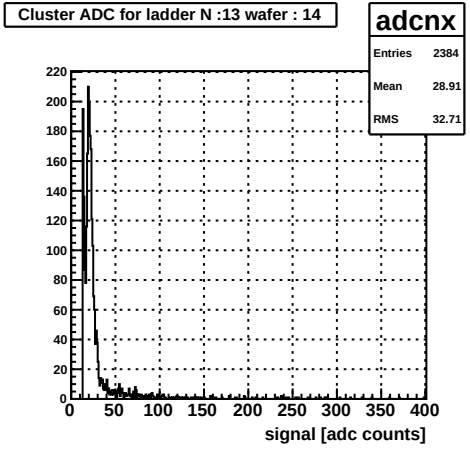

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 377
Mean 62.96
RMS 68.63
signal [adc counts]

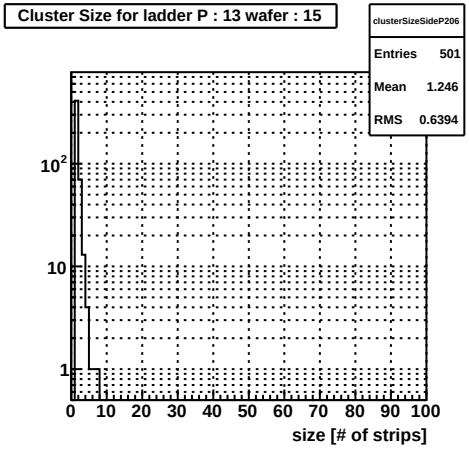

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 41
Mean 1.634
RMS 0.7573
size [# of strips]

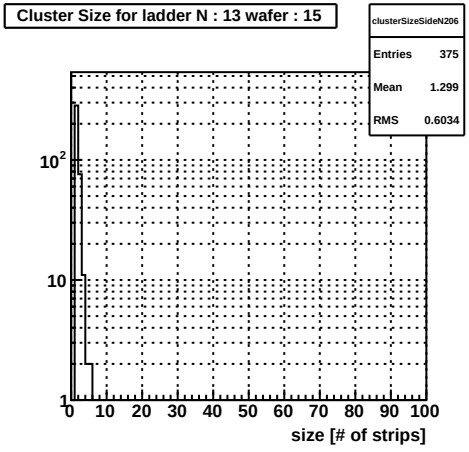

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2384
Mean 1.182
RMS 0.6839
size [# of strips]

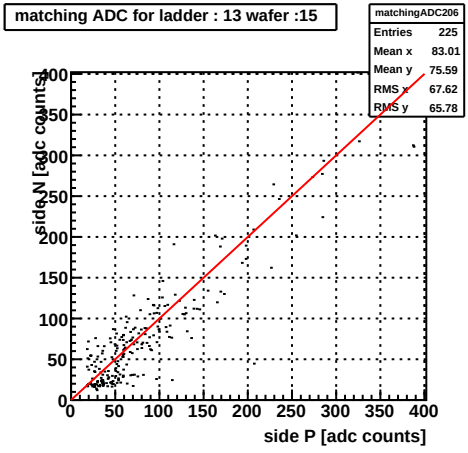

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 24
Mean x 104.5
Mean y 94.1
RMS x 77.51
RMS y 60.79
side N [adc counts]
side P [adc counts]

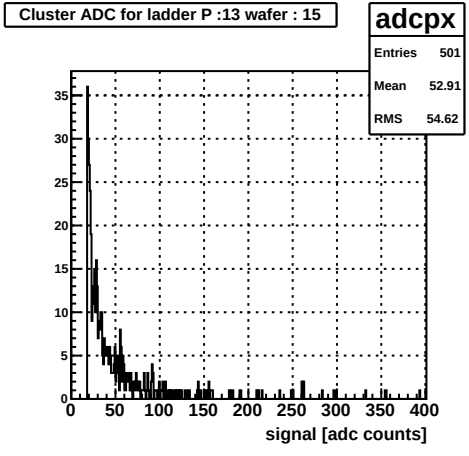

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 41
Mean 81.5
RMS 60.75
signal [adc counts]

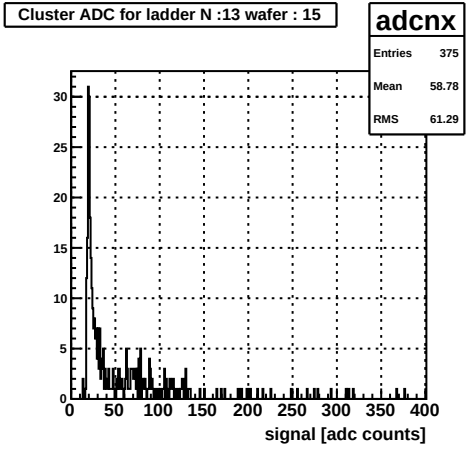

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2384
Mean 28.91
RMS 32.71
signal [adc counts]

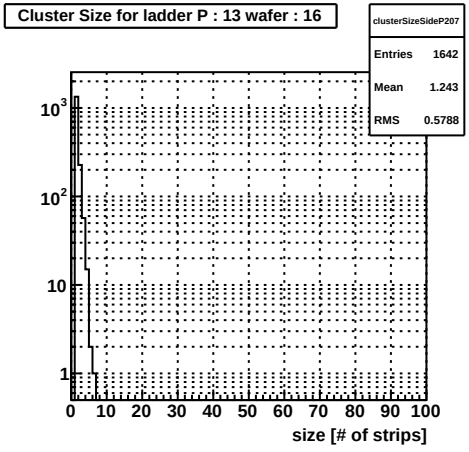

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 501
Mean 1.246
RMS 0.6394
size [# of strips]

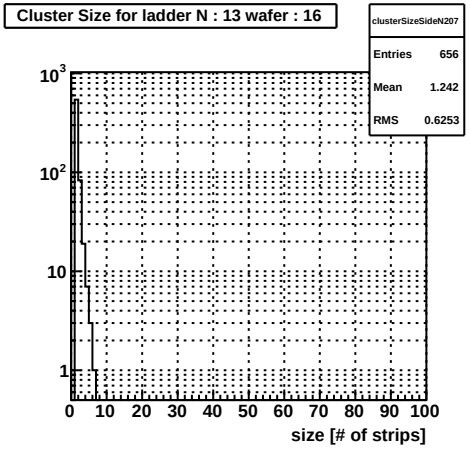

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 375
Mean 1.299
RMS 0.6034
size [# of strips]

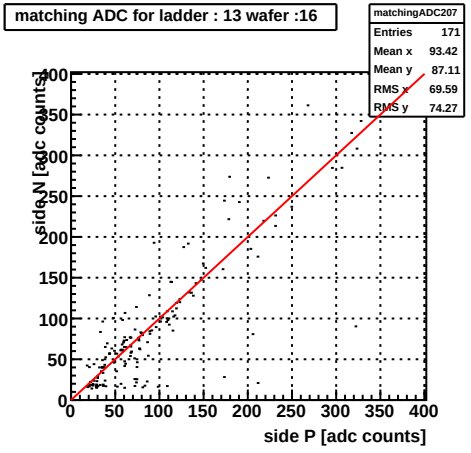

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 225
Mean x 83.01
Mean y 75.59
RMS x 67.62
RMS y 65.78
side N [adc counts]
side P [adc counts]

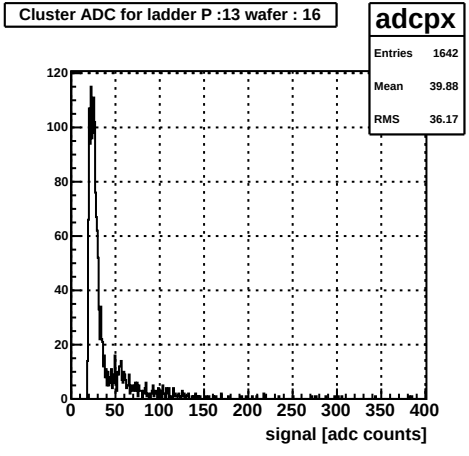

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 501
Mean 52.91
RMS 54.62
signal [adc counts]

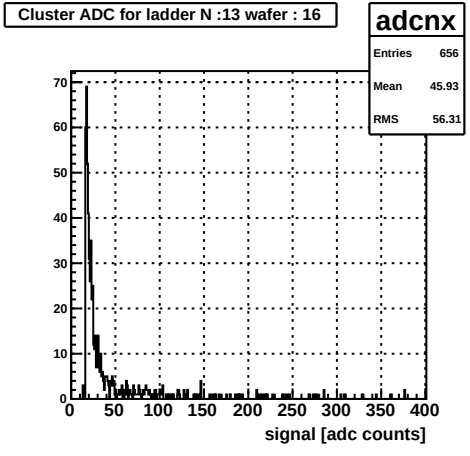

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 375
Mean 58.78
RMS 61.29
signal [adc counts]

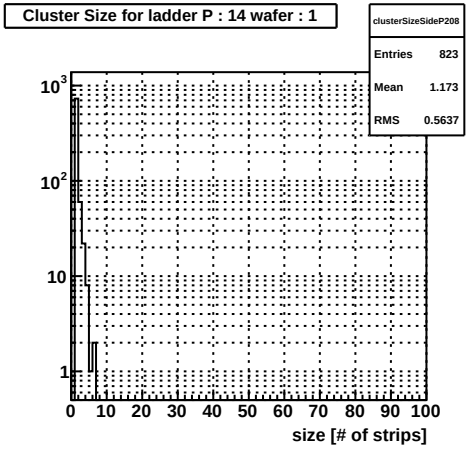

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 1642
Mean 1.243
RMS 0.5788
size [# of strips]

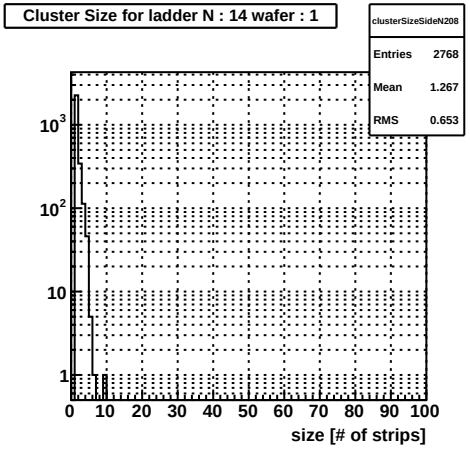

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 656
Mean 1.242
RMS 0.6253
size [# of strips]

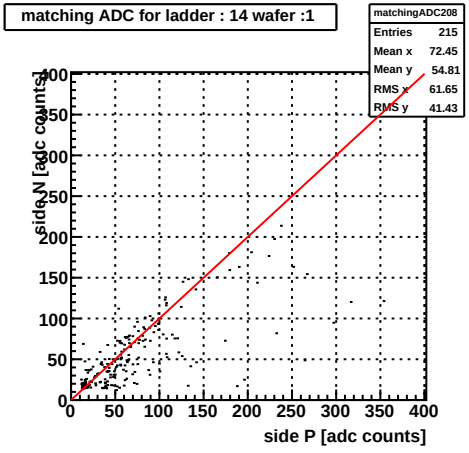

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 171
Mean x 93.42
Mean y 87.11
RMS x 69.59
RMS y 74.27
side N [adc counts]
side P [adc counts]

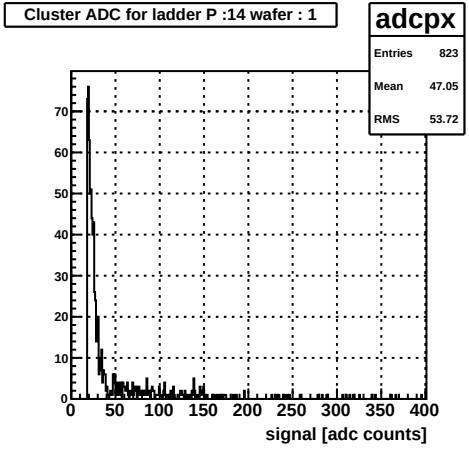

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 1642
Mean 39.88
RMS 36.17
signal [adc counts]

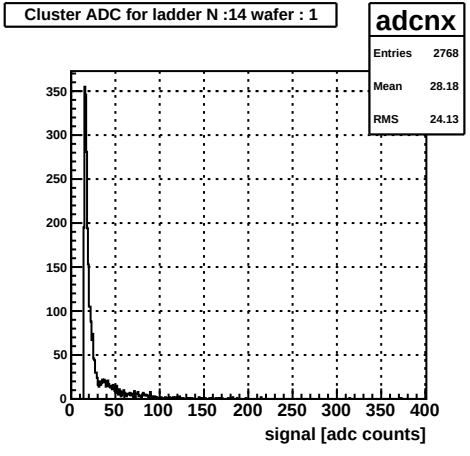

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 656
Mean 45.93
RMS 56.31
signal [adc counts]

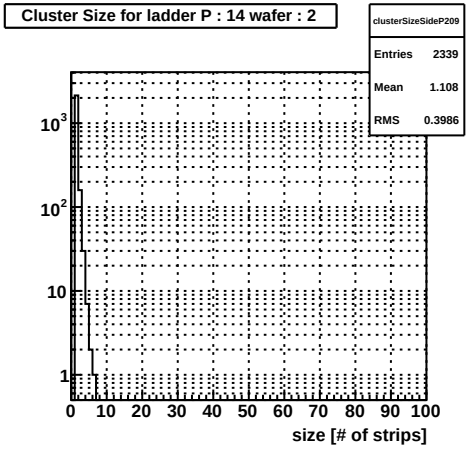

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 823
Mean 1.173
RMS 0.5637
size [# of strips]

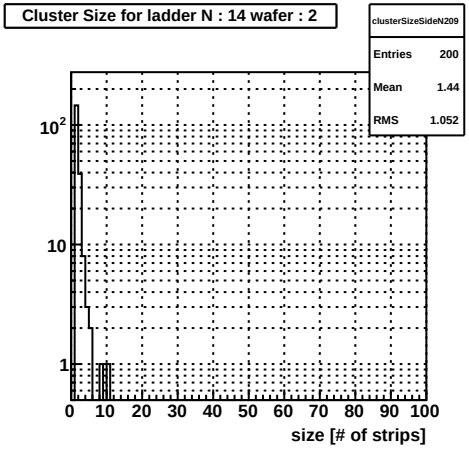

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 2768
Mean 1.267
RMS 0.653
size [# of strips]

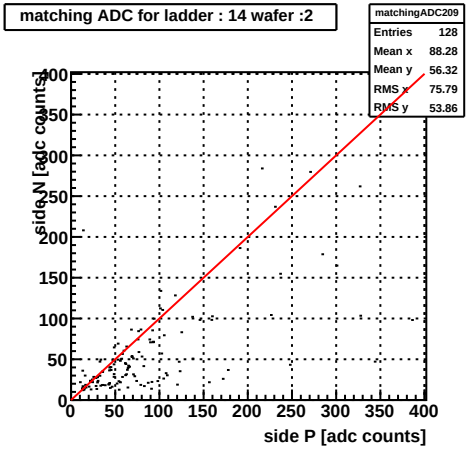

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 215
Mean x 72.45
Mean y 54.81
RMS x 61.65
RMS y 41.43
side N [adc counts]
side P [adc counts]

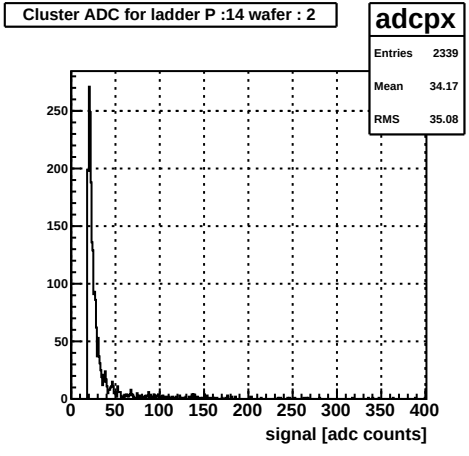

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 823
Mean 47.05
RMS 53.72
signal [adc counts]

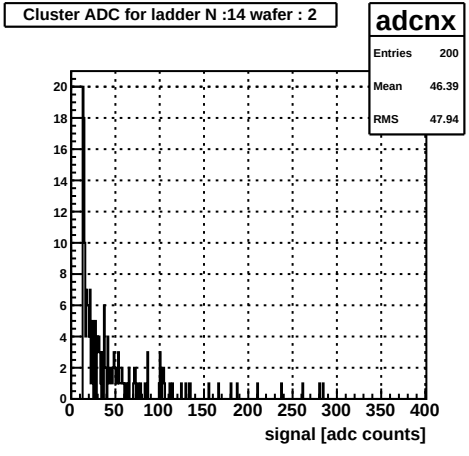

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 2768
Mean 28.18
RMS 24.13
signal [adc counts]

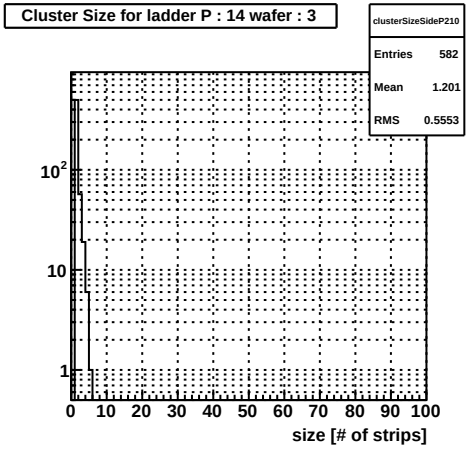

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2339
Mean 1.108
RMS 0.3986
size [# of strips]

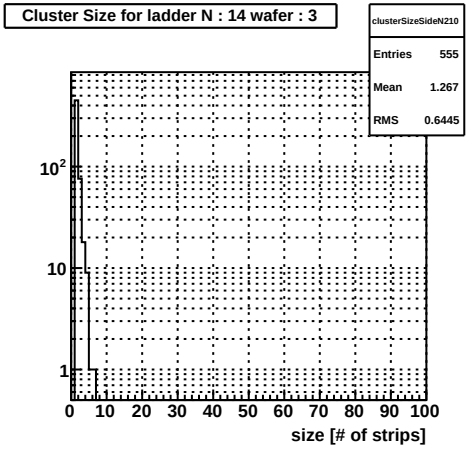

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 200
Mean 1.44
RMS 1.052
size [# of strips]

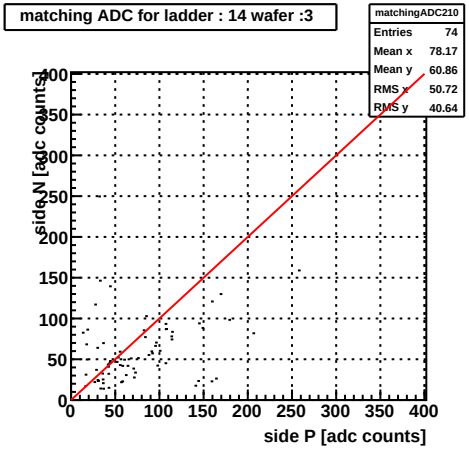

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 128
Mean x 88.28
Mean y 56.32
RMS x 75.79
RMS y 53.86
side N [adc counts]
side P [adc counts]

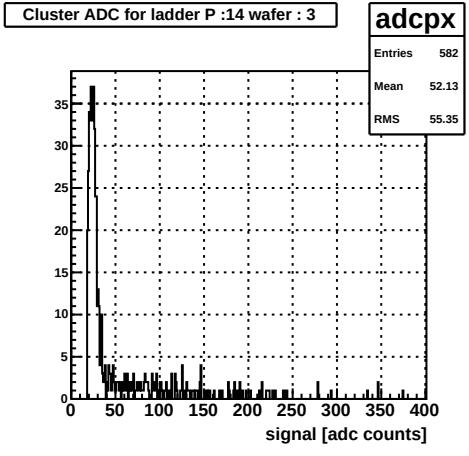

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2339
Mean 34.17
RMS 35.08
signal [adc counts]

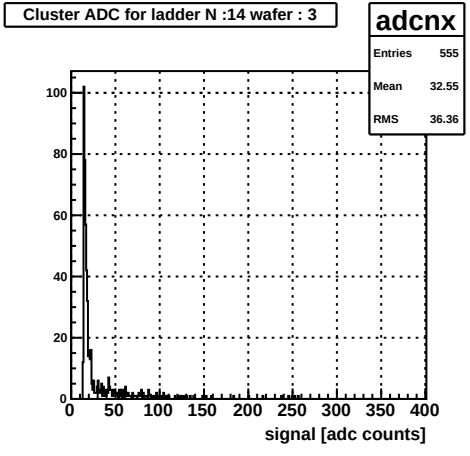

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 200
Mean 46.39
RMS 47.94
signal [adc counts]

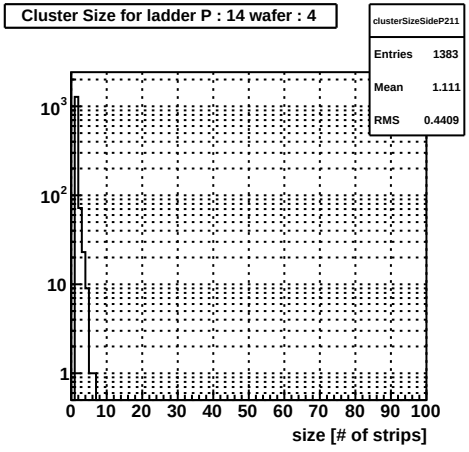

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 582
Mean 1.201
RMS 0.5553
size [# of strips]

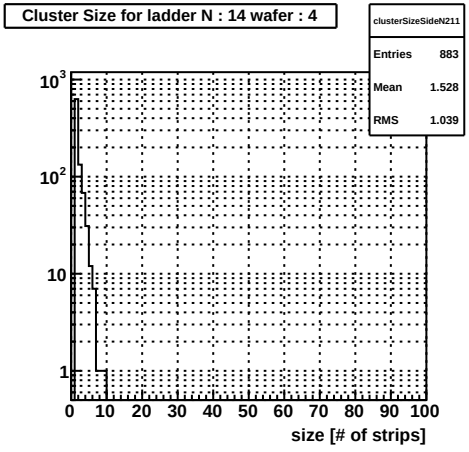

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 555
Mean 1.267
RMS 0.6445
size [# of strips]

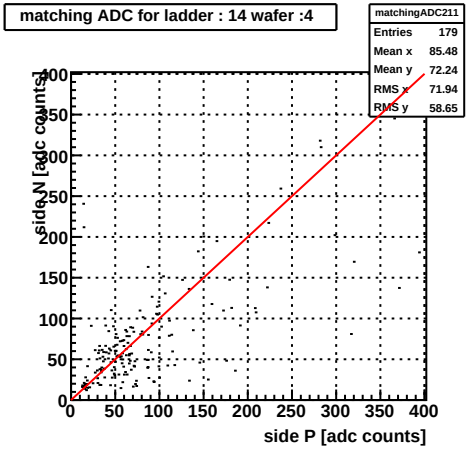

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 74
Mean x 78.17
Mean y 60.86
RMS x 50.72
RMS y 40.64
side N [adc counts]
side P [adc counts]

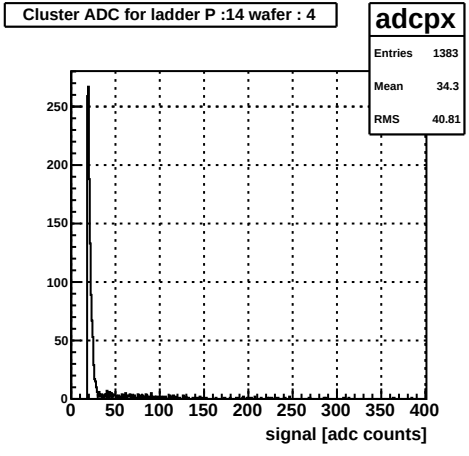

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 582
Mean 52.13
RMS 55.35
signal [adc counts]

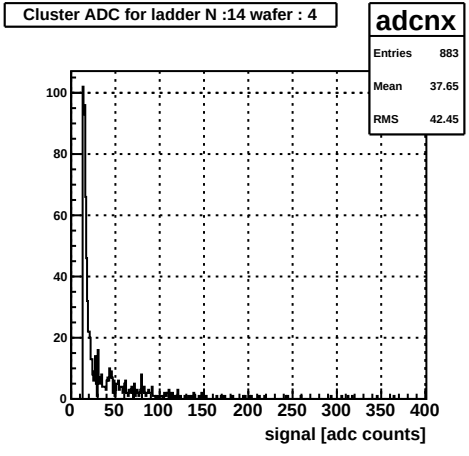

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 555
Mean 32.55
RMS 36.36
signal [adc counts]

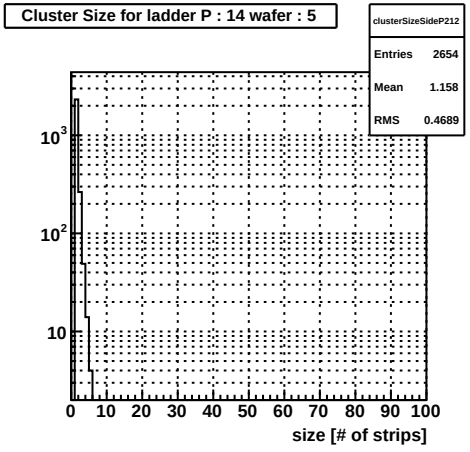

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 1383
Mean 1.111
RMS 0.4409
size [# of strips]

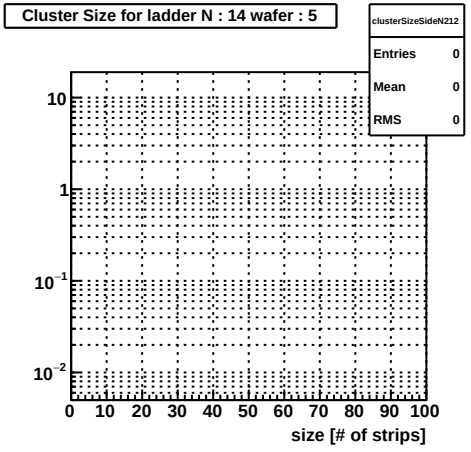

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 883
Mean 1.528
RMS 1.039
size [# of strips]

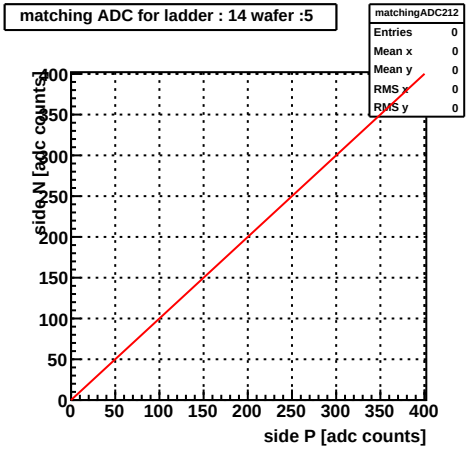

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 179
Mean x 85.48
Mean y 72.24
RMS x 71.94
RMS y 58.65
side N [adc counts]
side P [adc counts]

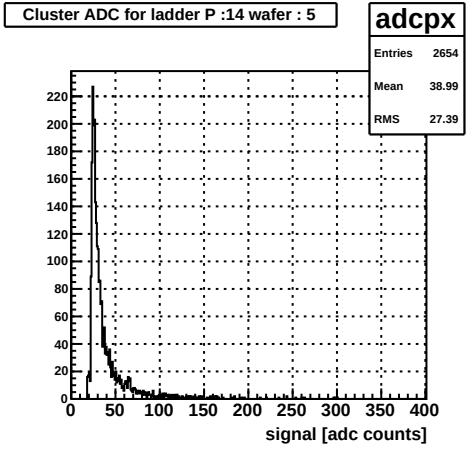

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 1383
Mean 34.3
RMS 40.81
signal [adc counts]

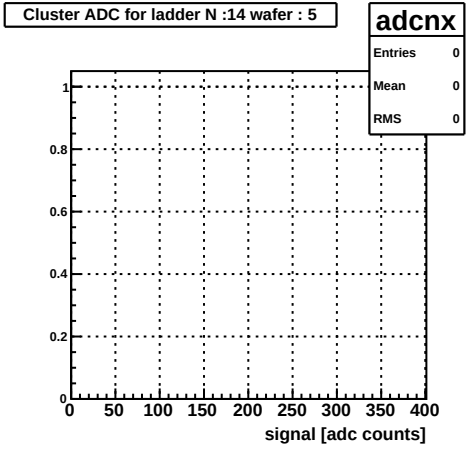

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 883
Mean 37.65
RMS 42.45
signal [adc counts]

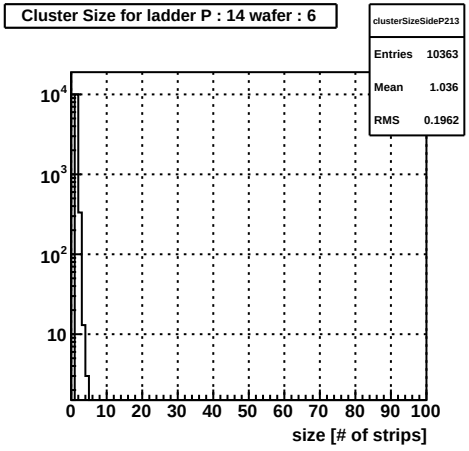

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 2654
Mean 1.158
RMS 0.4689
size [# of strips]

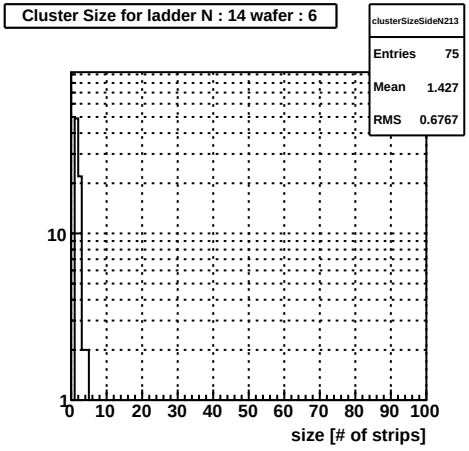

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

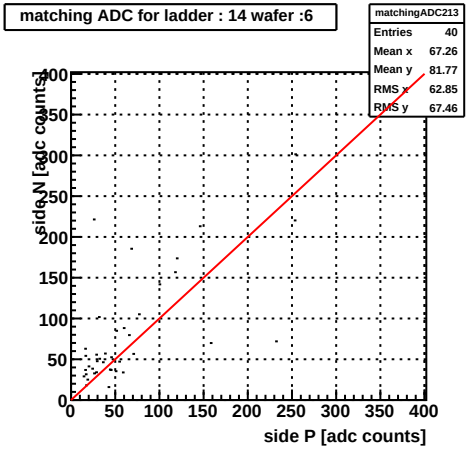

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

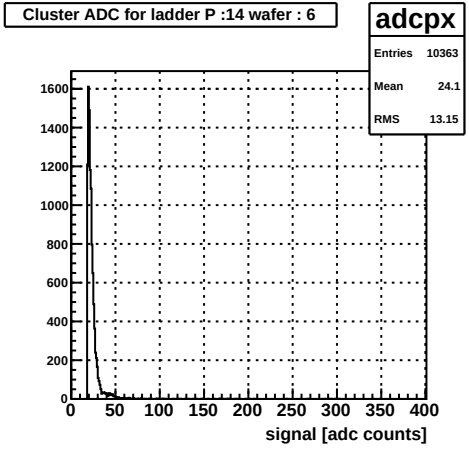

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 2654
Mean 38.99
RMS 27.39
signal [adc counts]

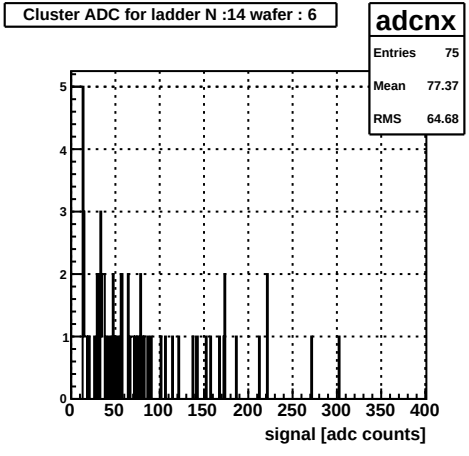

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

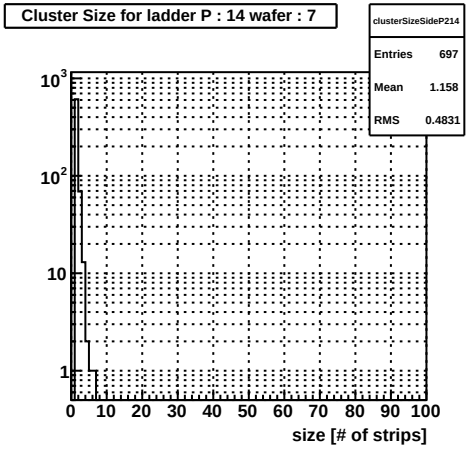

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 10363
Mean 1.036
RMS 0.1962
size [# of strips]

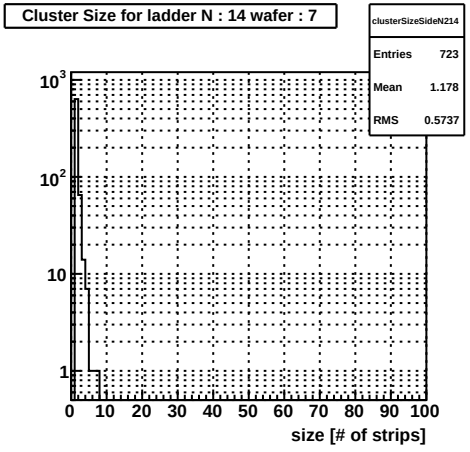

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 75
Mean 1.427
RMS 0.6767
size [# of strips]

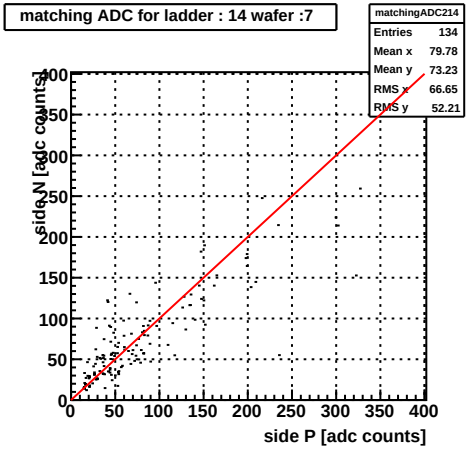

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 40
Mean x 67.26
Mean y 81.77
RMS x 62.85
RMS y 67.46
side N [adc counts]
side P [adc counts]

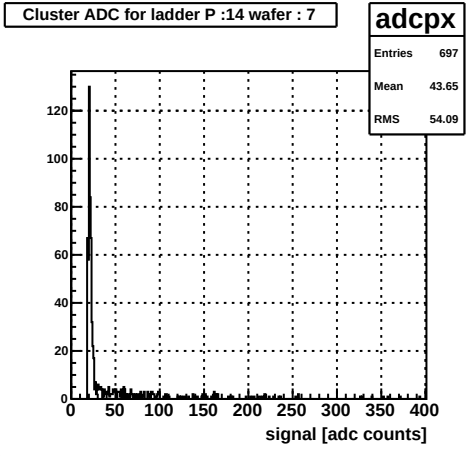

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 10363
Mean 24.1
RMS 13.15
signal [adc counts]

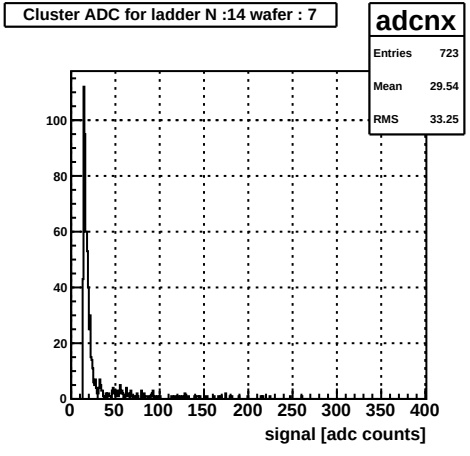

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 75
Mean 77.37
RMS 64.68
signal [adc counts]

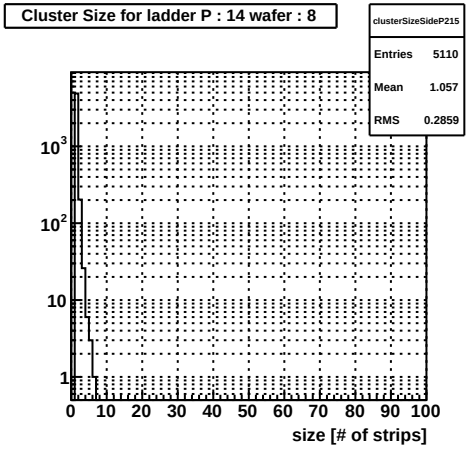

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 697
Mean 1.158
RMS 0.4831
size [# of strips]

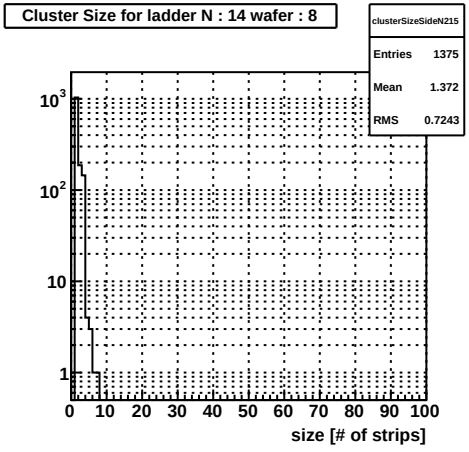

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 723
Mean 1.178
RMS 0.5737
size [# of strips]

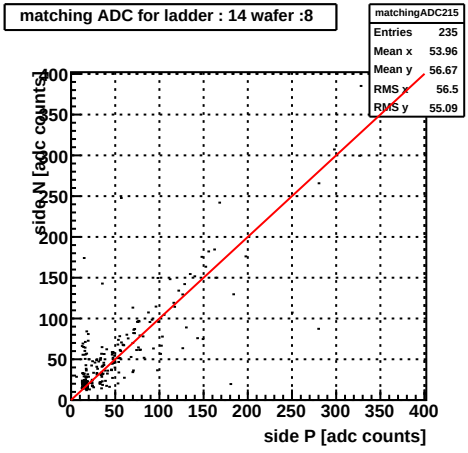

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 134
Mean x 79.78
Mean y 73.23
RMS x 66.65
RMS y 52.21
side N [adc counts]
side P [adc counts]

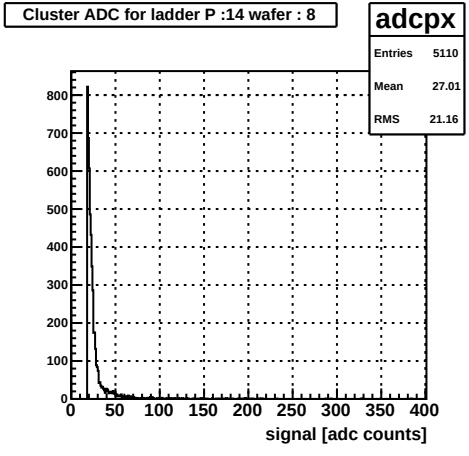

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 697
Mean 43.65
RMS 54.09
signal [adc counts]

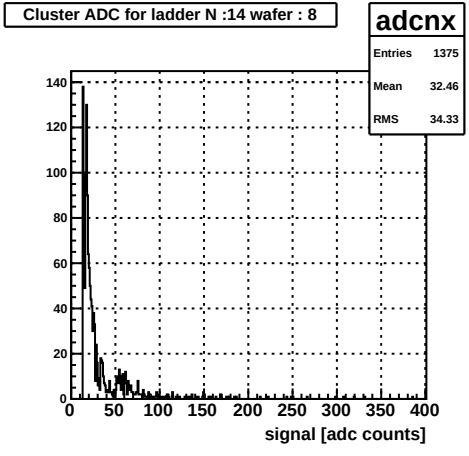

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 723
Mean 29.54
RMS 33.25
signal [adc counts]

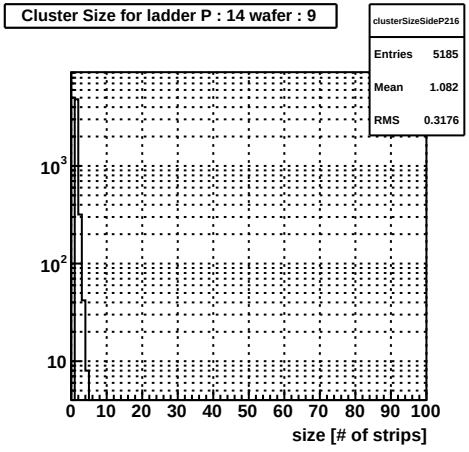

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 5110
Mean 1.057
RMS 0.2859
size [# of strips]

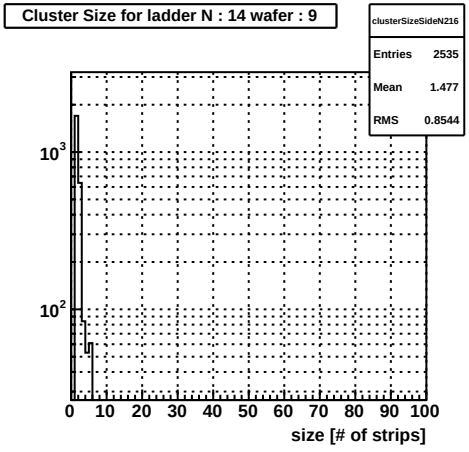

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 1375
Mean 1.372
RMS 0.7243
size [# of strips]

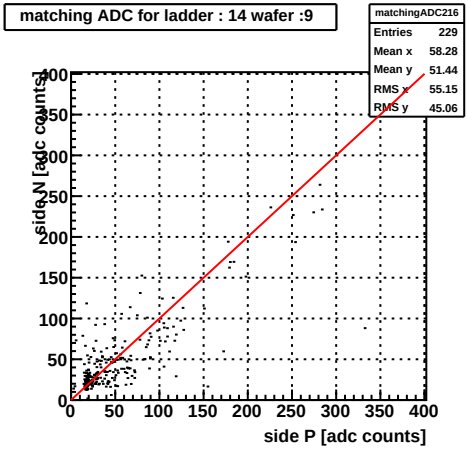

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 235
Mean x 53.96
Mean y 56.67
RMS x 56.5
RMS y 55.09
side N [adc counts]
side P [adc counts]

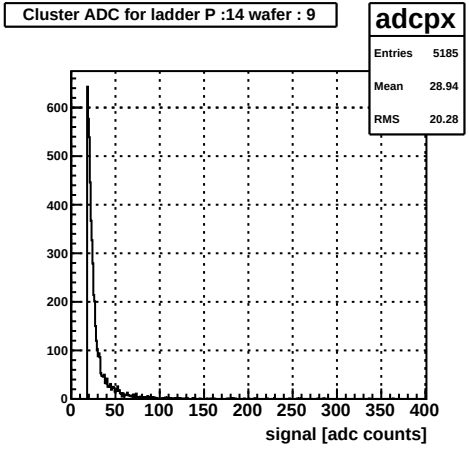

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 5110
Mean 27.01
RMS 21.16
signal [adc counts]

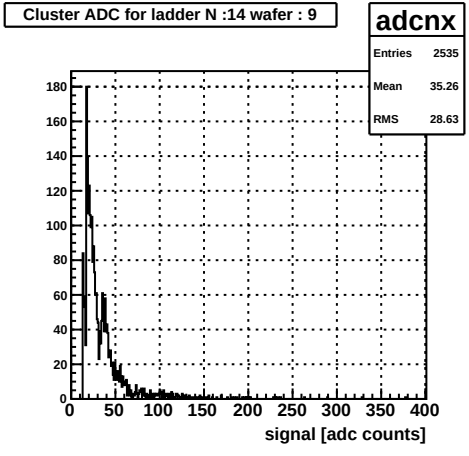

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 1375
Mean 32.46
RMS 34.33
signal [adc counts]

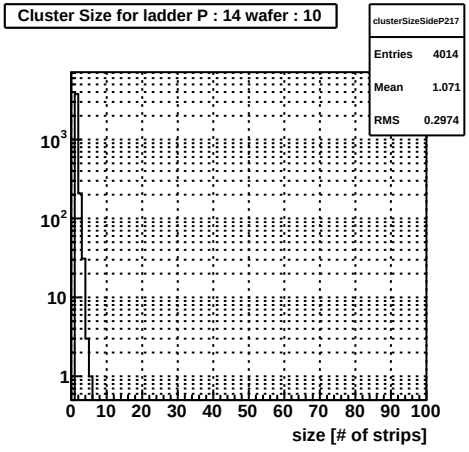

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 5185
Mean 1.082
RMS 0.3176
size [# of strips]

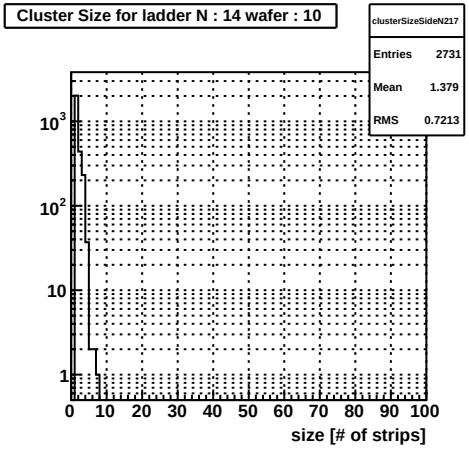

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 2535
Mean 1.477
RMS 0.8544
size [# of strips]

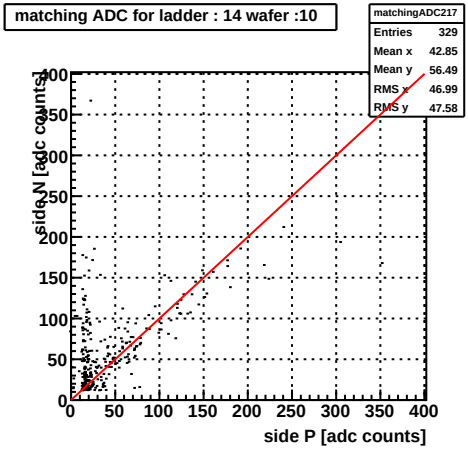

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 229
Mean x 58.28
Mean y 51.44
RMS x 55.15
RMS y 45.06
side N [adc counts]
side P [adc counts]

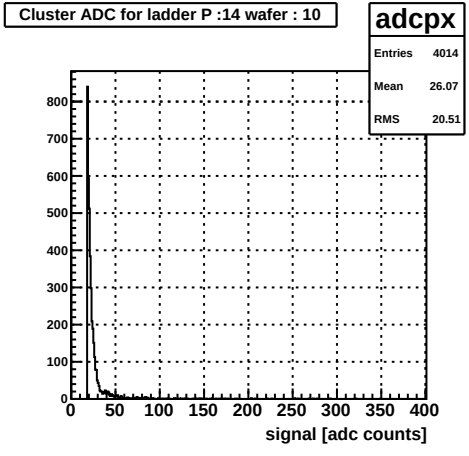

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 5185
Mean 28.94
RMS 20.28
signal [adc counts]

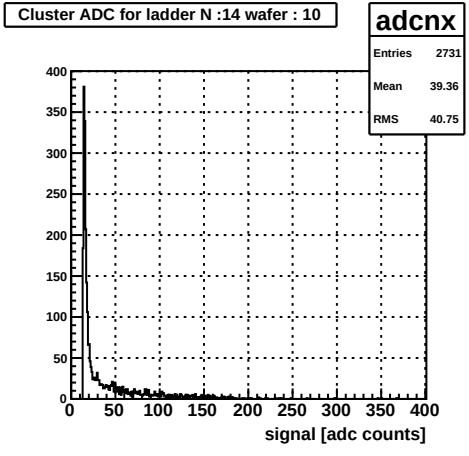

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 2535
Mean 35.26
RMS 28.63
signal [adc counts]

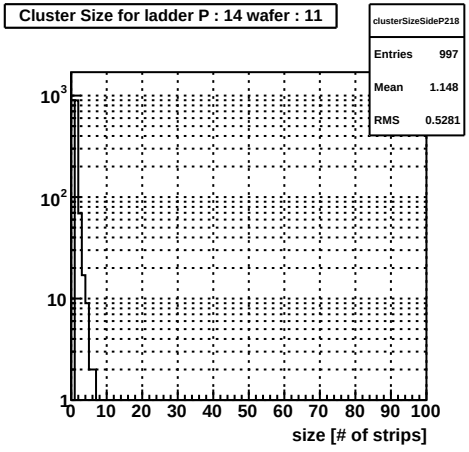

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 4014
Mean 1.071
RMS 0.2974
size [# of strips]

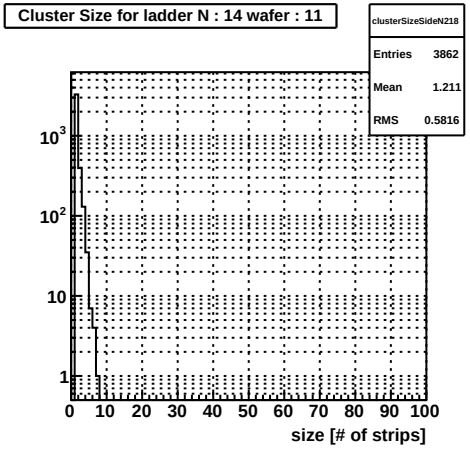

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 2731
Mean 1.379
RMS 0.7213
size [# of strips]

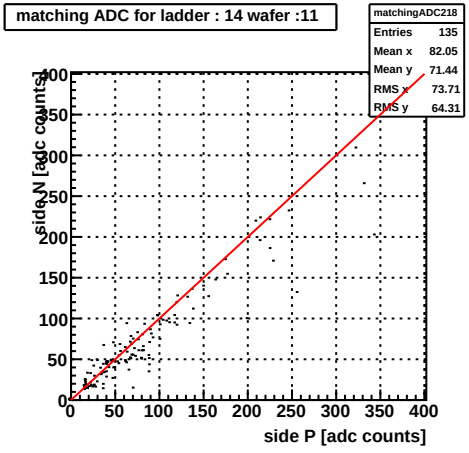

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 329
Mean x 42.85
Mean y 56.49
RMS x 46.99
RMS y 47.58
side N [adc counts]
side P [adc counts]

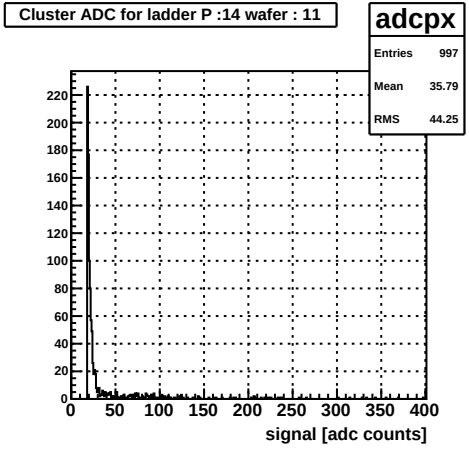

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 4014
Mean 26.07
RMS 20.51
signal [adc counts]

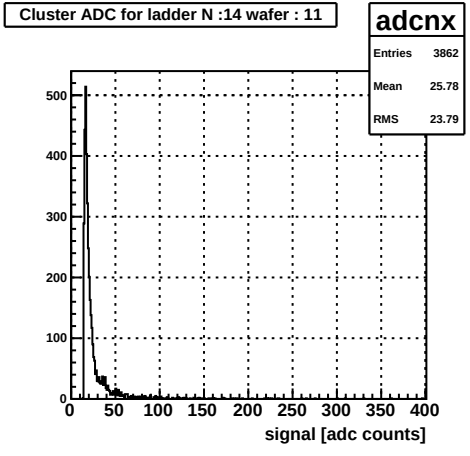

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 2731
Mean 39.36
RMS 40.75
signal [adc counts]

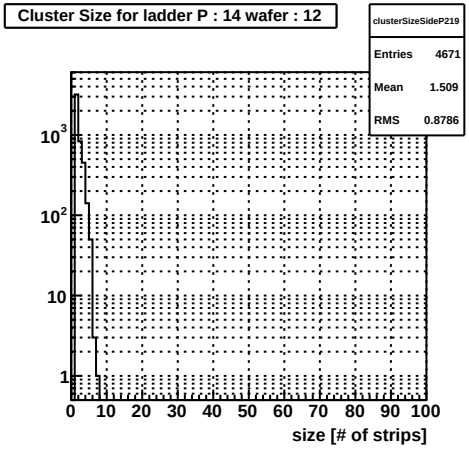

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 997
Mean 1.148
RMS 0.5281
size [# of strips]

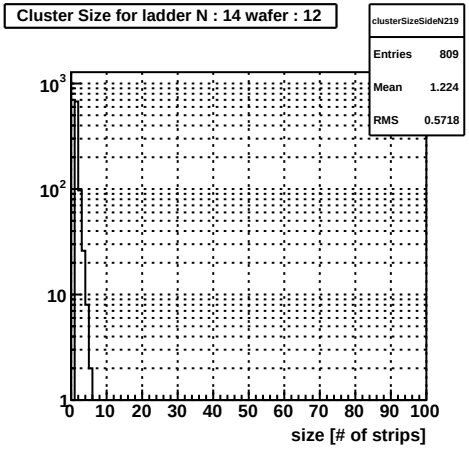

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 3862
Mean 1.211
RMS 0.5816
size [# of strips]

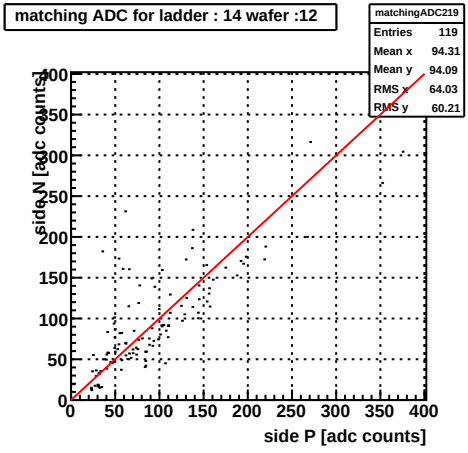

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 135
Mean x 82.05
Mean y 71.44
RMS x 73.71
RMS y 64.31
side N [adc counts]
side P [adc counts]

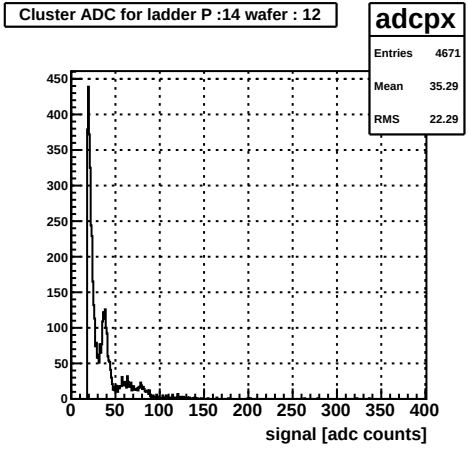

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 997
Mean 35.79
RMS 44.25
signal [adc counts]

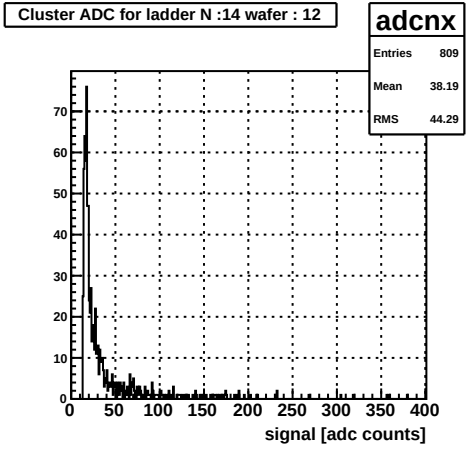

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 3862
Mean 25.78
RMS 23.79
signal [adc counts]

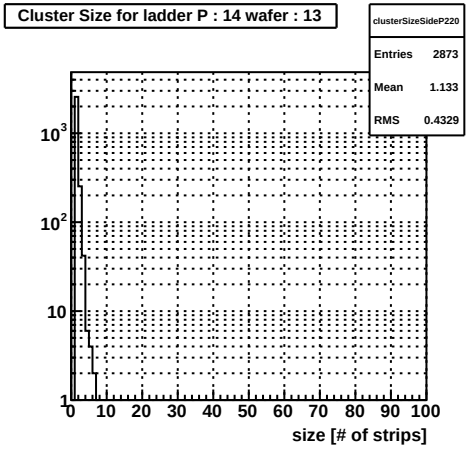

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 4671
Mean 1.509
RMS 0.8786
size [# of strips]

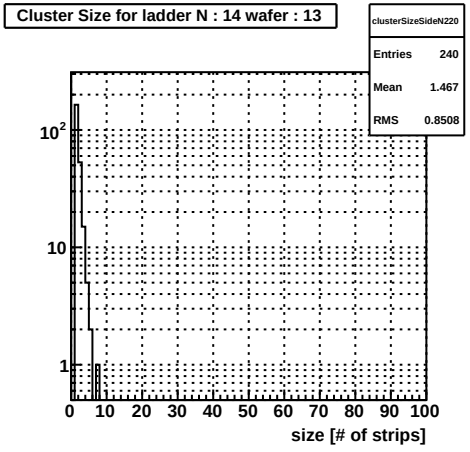

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 809
Mean 1.224
RMS 0.5718
size [# of strips]

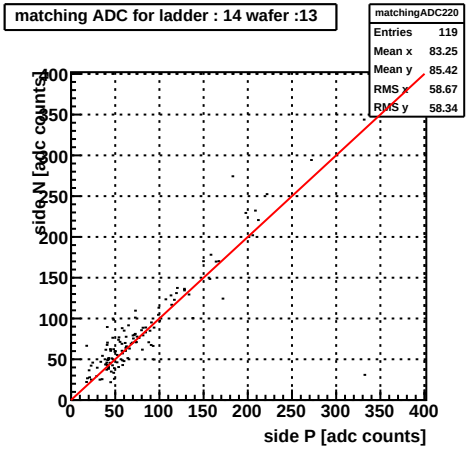

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 119
Mean x 94.31
Mean y 94.09
RMS x 64.03
RMS y 60.21
side N [adc counts]
side P [adc counts]

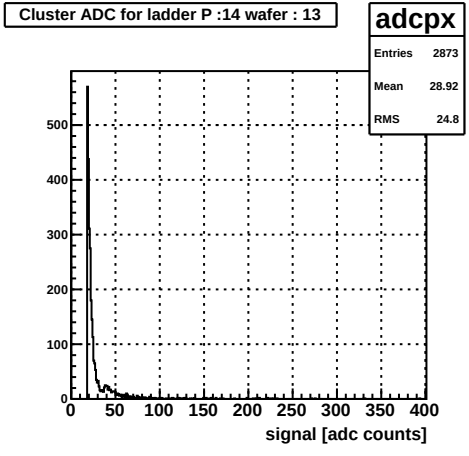

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 4671
Mean 35.29
RMS 22.29
signal [adc counts]

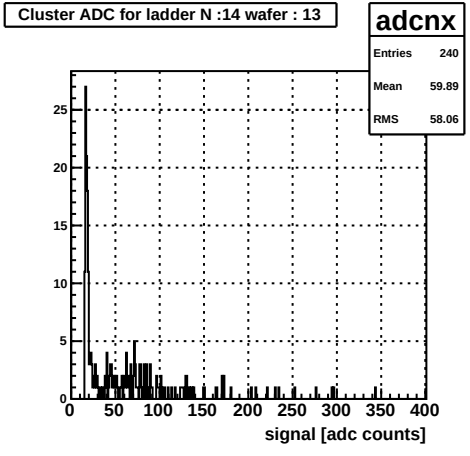

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 809
Mean 38.19
RMS 44.29
signal [adc counts]

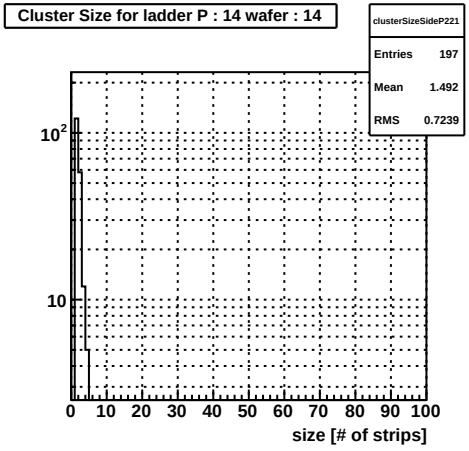

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 2873
Mean 1.133
RMS 0.4329
size [# of strips]

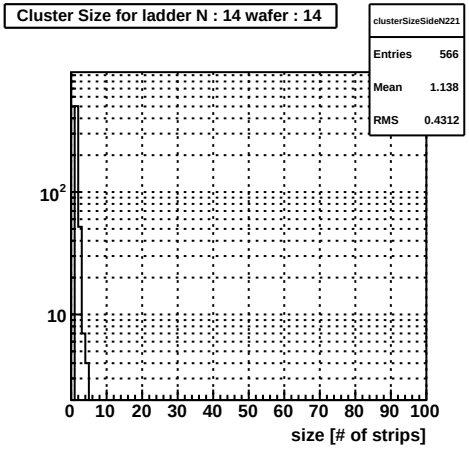

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 240
Mean 1.467
RMS 0.8508
size [# of strips]

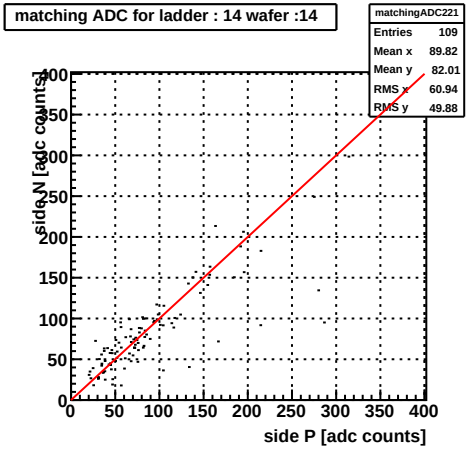

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 119
Mean x 83.25
Mean y 85.42
RMS x 58.67
RMS y 58.34
side N [adc counts]
side P [adc counts]

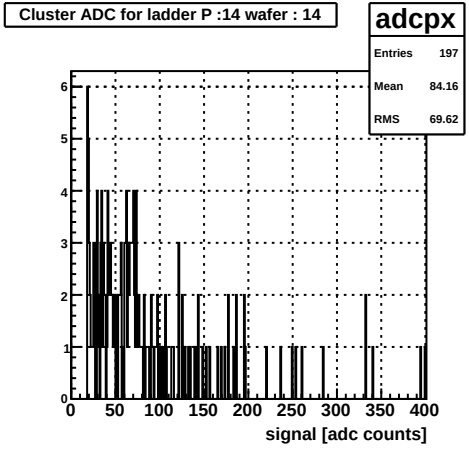

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 2873
Mean 28.92
RMS 24.8
signal [adc counts]

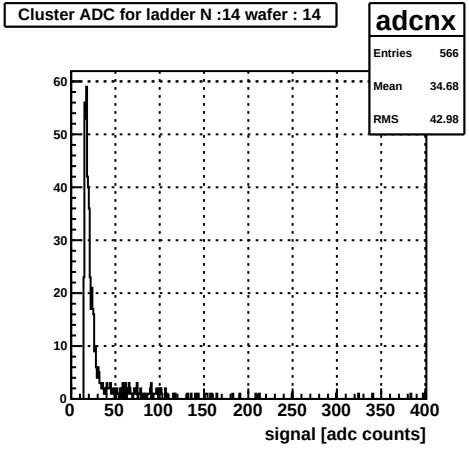

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 240
Mean 59.89
RMS 58.06
signal [adc counts]

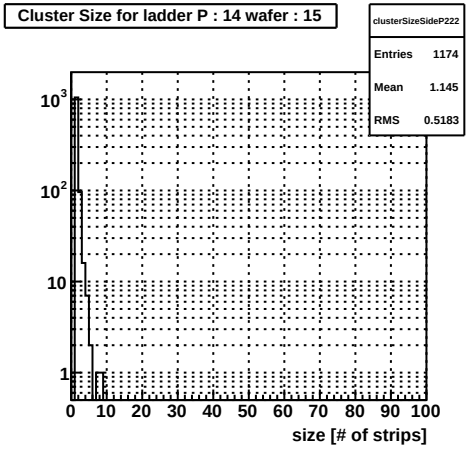

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 197
Mean 1.492
RMS 0.7239
size [# of strips]

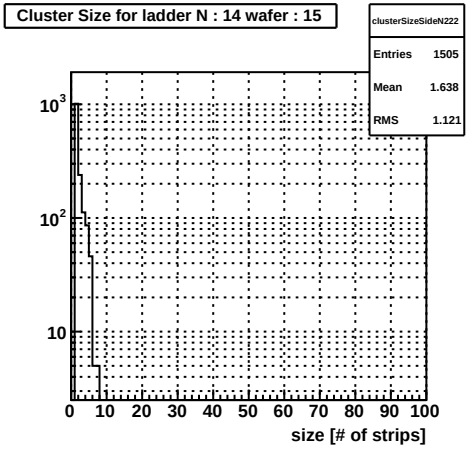

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 566
Mean 1.138
RMS 0.4312
size [# of strips]

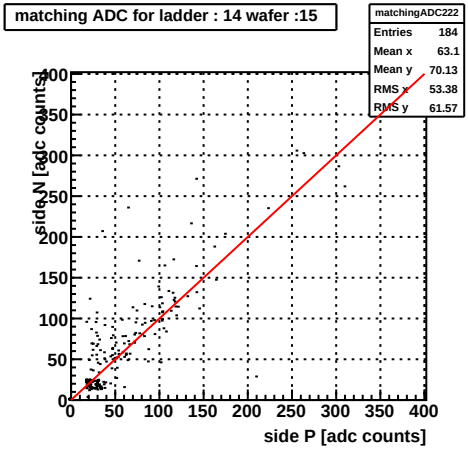

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 109
Mean x 89.82
Mean y 82.01
RMS x 60.94
RMS y 49.88
side N [adc counts]
side P [adc counts]

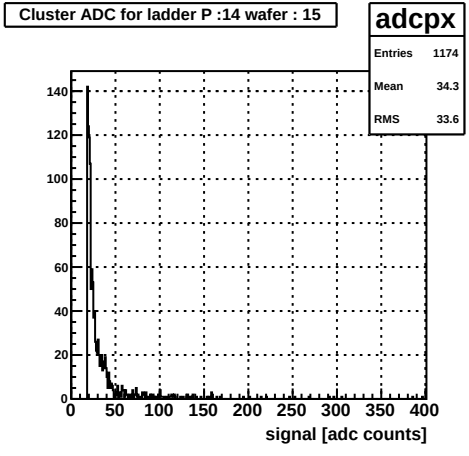

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 197
Mean 84.16
RMS 69.62
signal [adc counts]

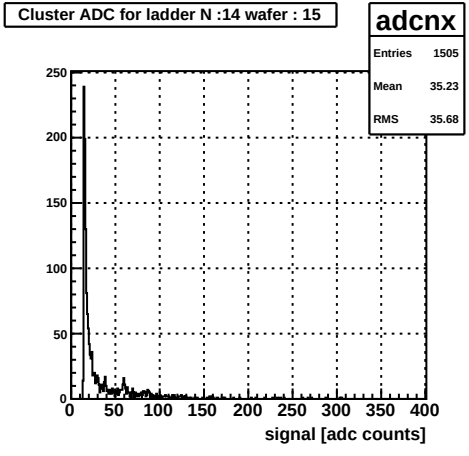

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 566
Mean 34.68
RMS 42.98
signal [adc counts]

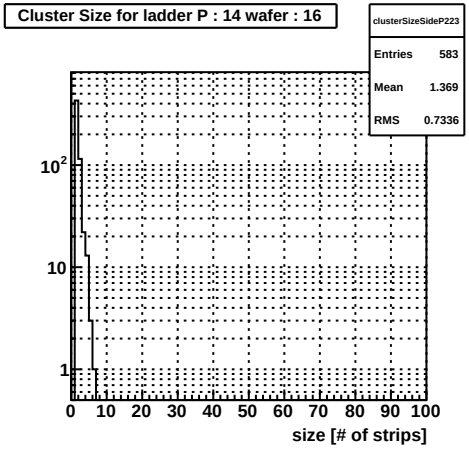

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1174
Mean 1.145
RMS 0.5183
size [# of strips]

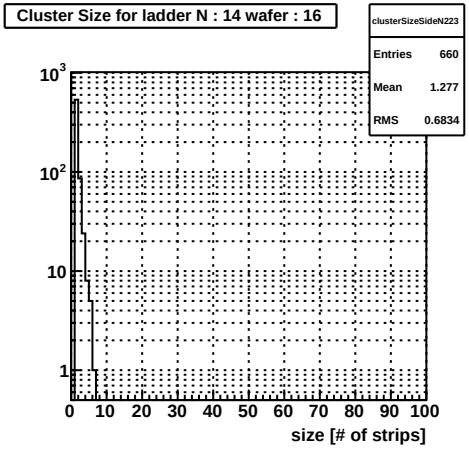

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 1505
Mean 1.638
RMS 1.121
size [# of strips]

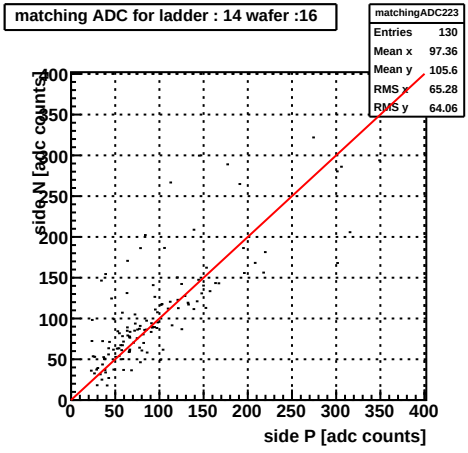

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 184
Mean x 63.1
Mean y 70.13
RMS x 53.38
RMS y 61.57
side N [adc counts]
side P [adc counts]

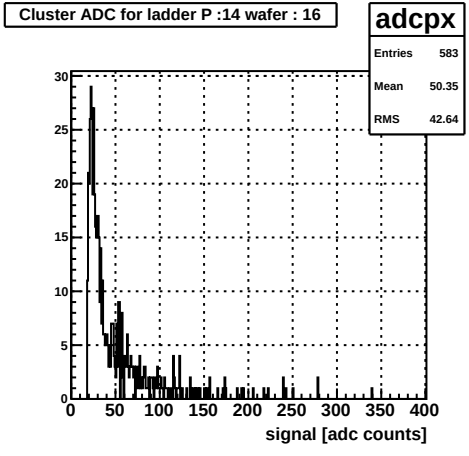

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1174
Mean 34.3
RMS 33.6
signal [adc counts]

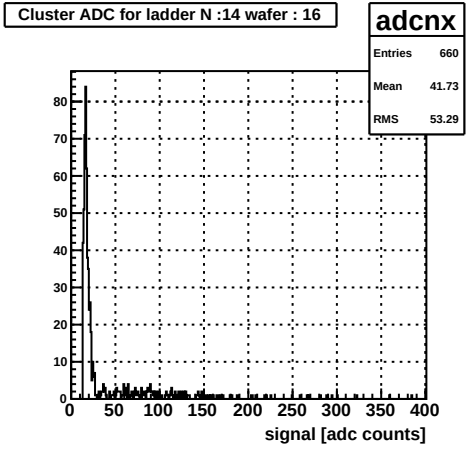

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 1505
Mean 35.23
RMS 35.68
signal [adc counts]

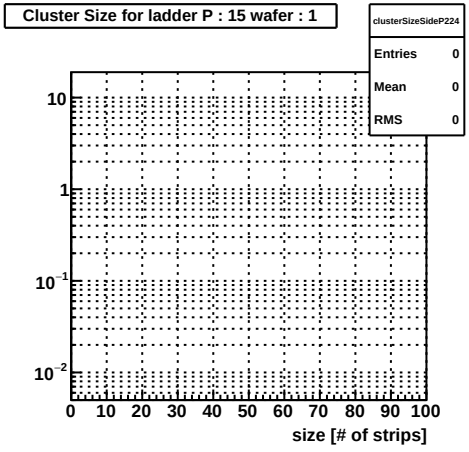

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 583
Mean 1.369
RMS 0.7336
size [# of strips]

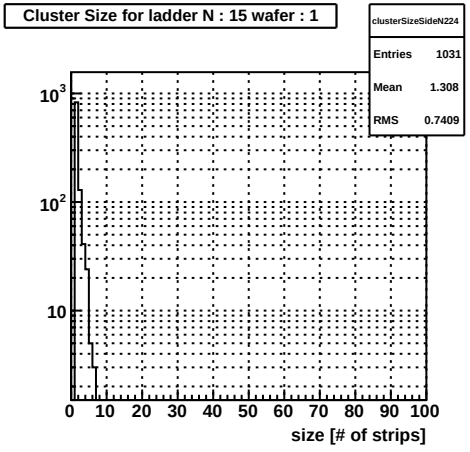

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 660
Mean 1.277
RMS 0.6834
size [# of strips]

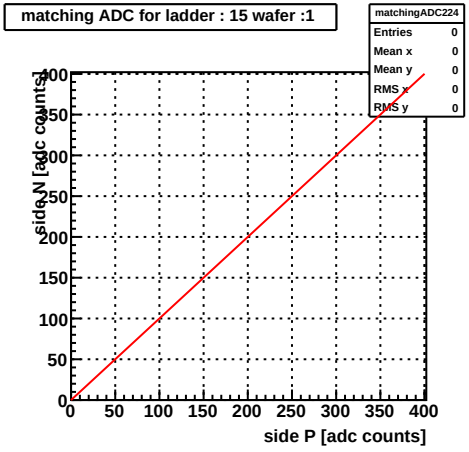

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 130
Mean x 97.36
Mean y 105.6
RMS x 65.28
RMS y 64.06
side N [adc counts]
side P [adc counts]

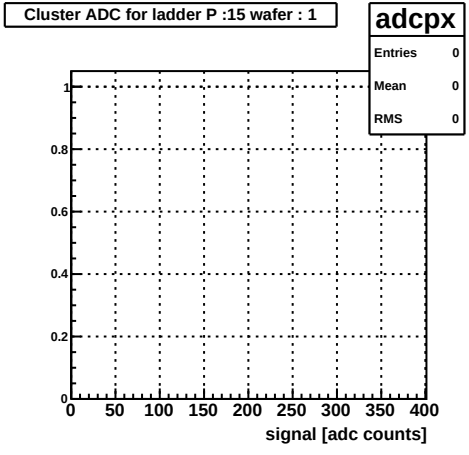

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 583
Mean 50.35
RMS 42.64
signal [adc counts]

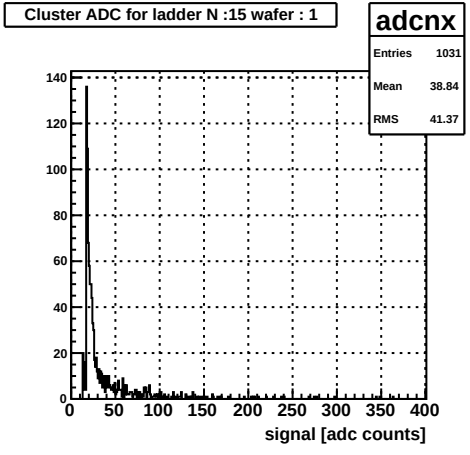

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 660
Mean 41.73
RMS 53.29
signal [adc counts]

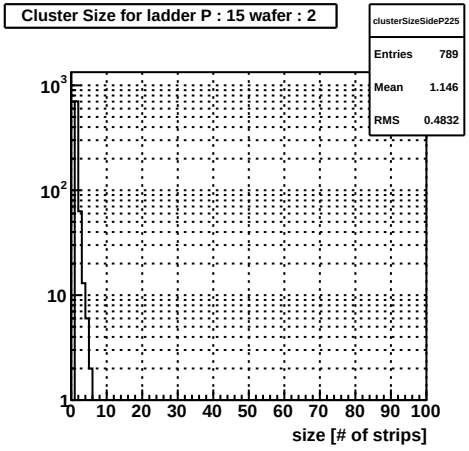

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

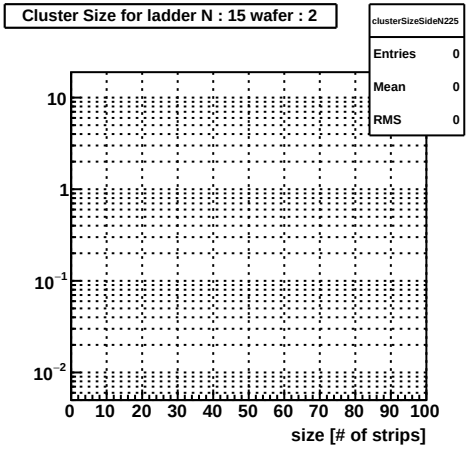

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1031
Mean 1.308
RMS 0.7409
size [# of strips]

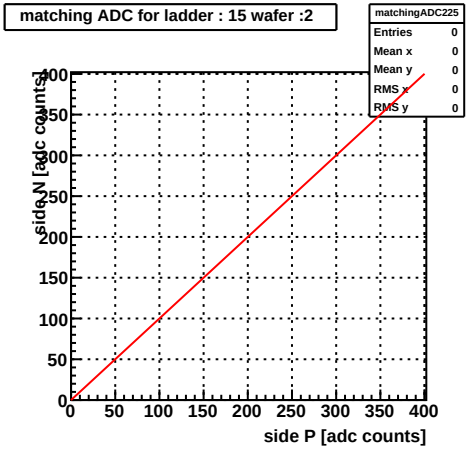

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

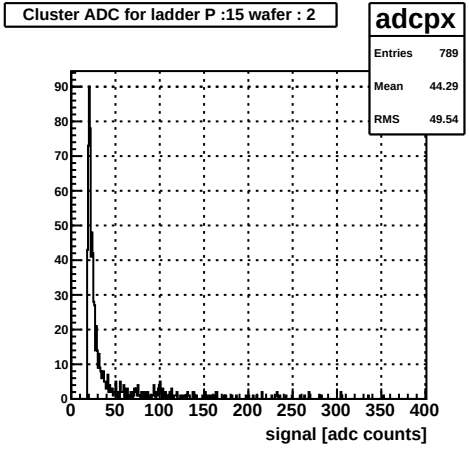

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

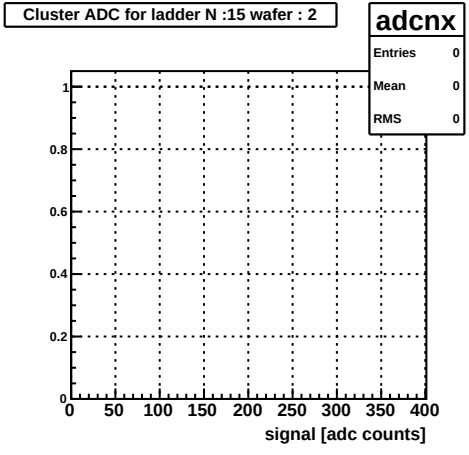

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1031
Mean 38.84
RMS 41.37
signal [adc counts]

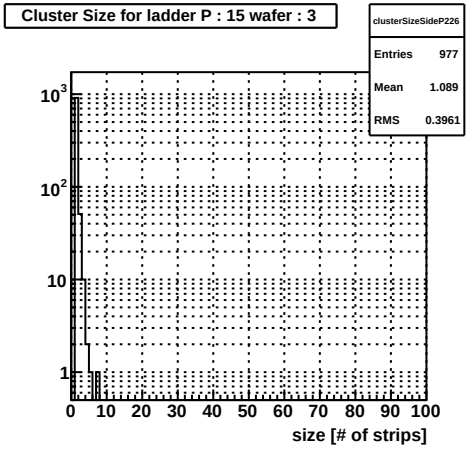

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 789
Mean 1.146
RMS 0.4832
size [# of strips]

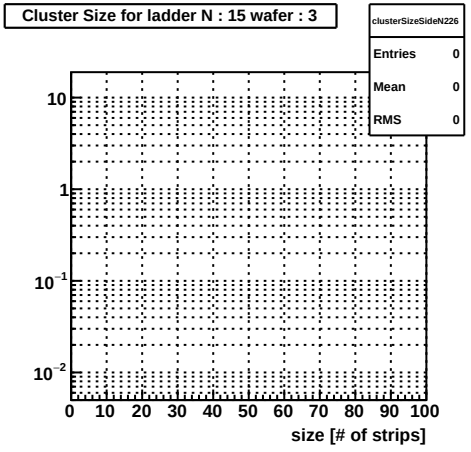

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

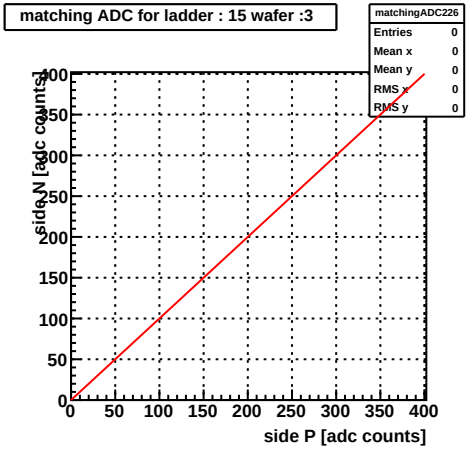

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

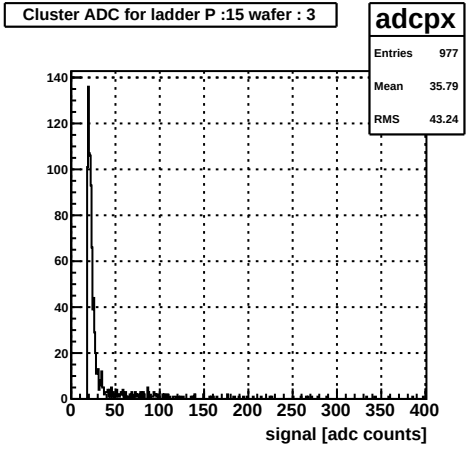

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 789
Mean 44.29
RMS 49.54
signal [adc counts]

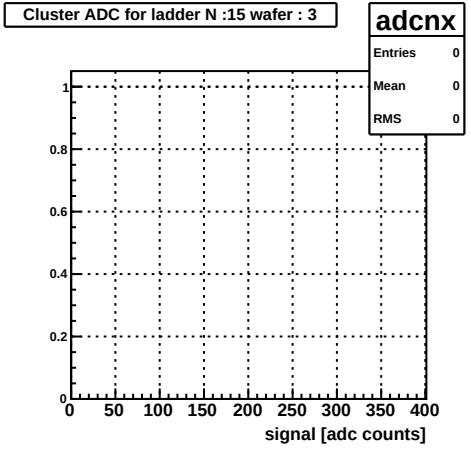

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

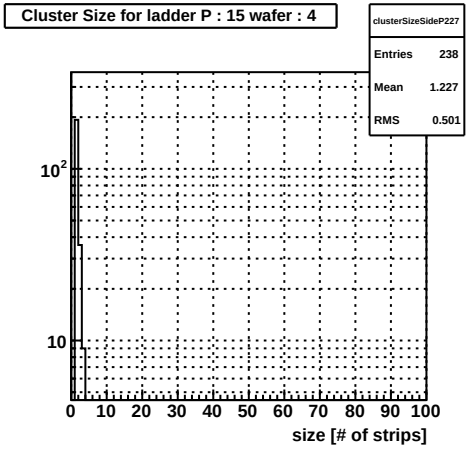

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 977
Mean 1.089
RMS 0.3961
size [# of strips]

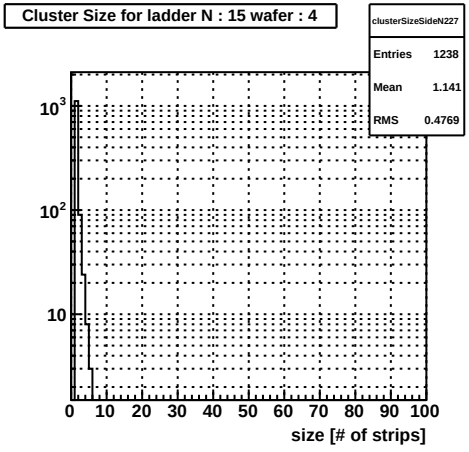

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

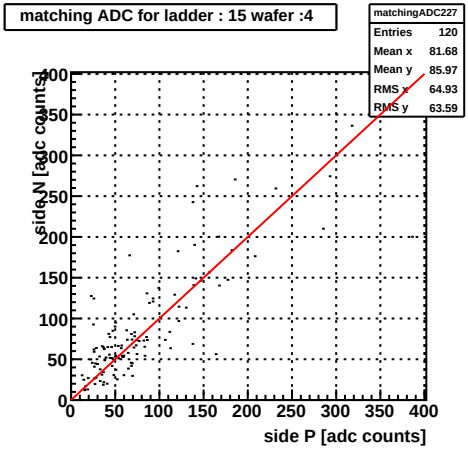

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

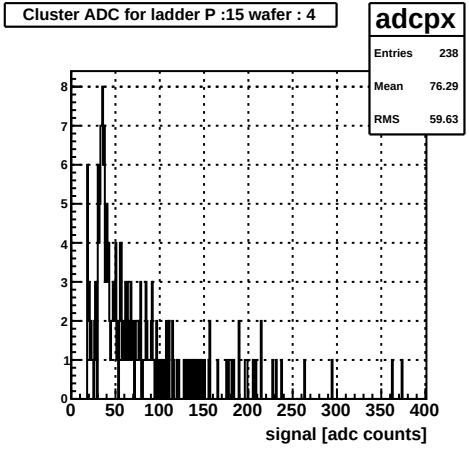

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 977
Mean 35.79
RMS 43.24
signal [adc counts]

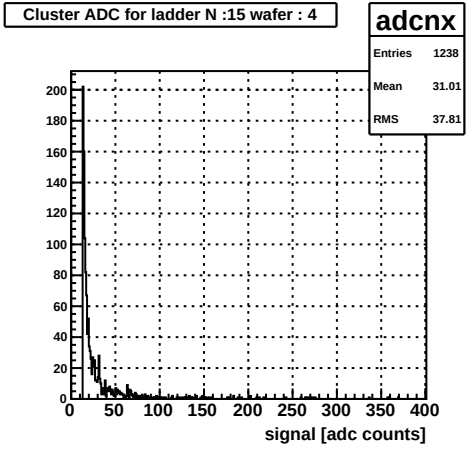

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

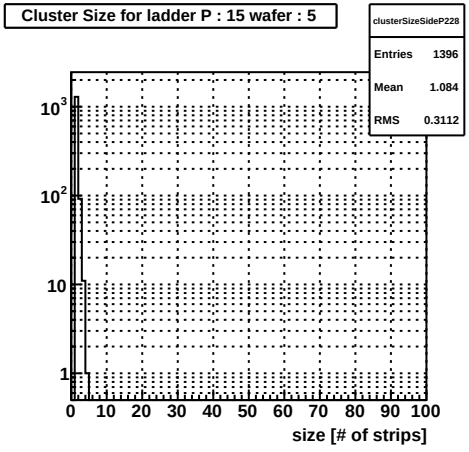

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 238
Mean 1.227
RMS 0.501
size [# of strips]

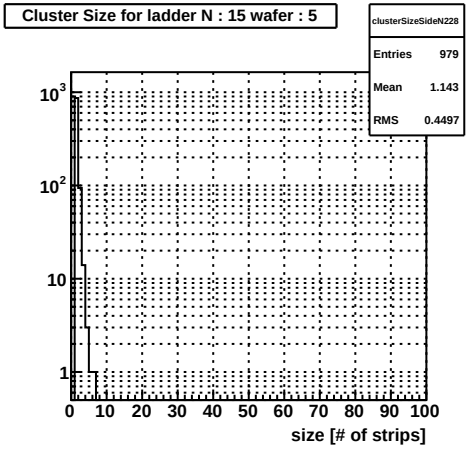

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1238
Mean 1.141
RMS 0.4769
size [# of strips]

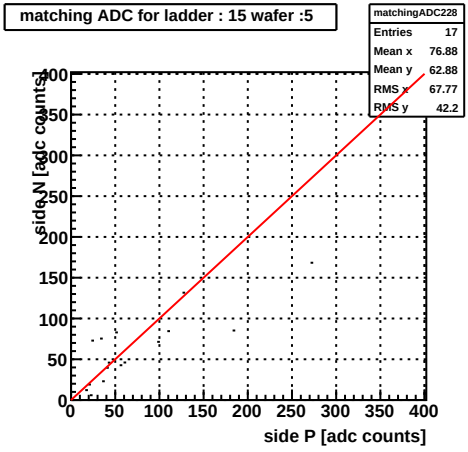

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 120
Mean x 81.68
Mean y 85.97
RMS x 64.93
RMS y 63.59
side N [adc counts]
side P [adc counts]

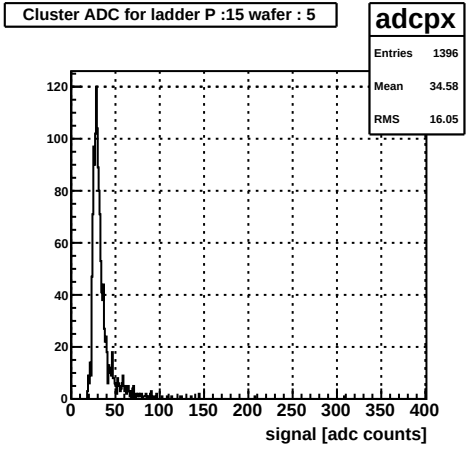

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 238
Mean 76.29
RMS 59.63
signal [adc counts]

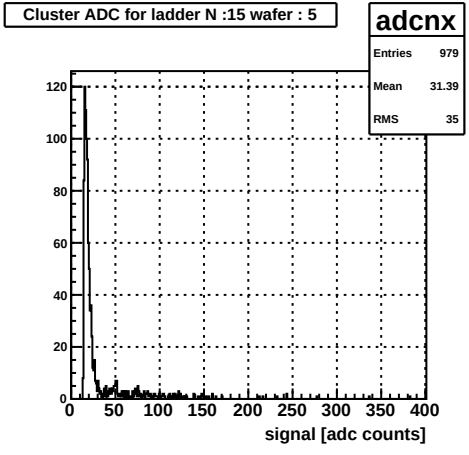

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1238
Mean 31.01
RMS 37.81
signal [adc counts]

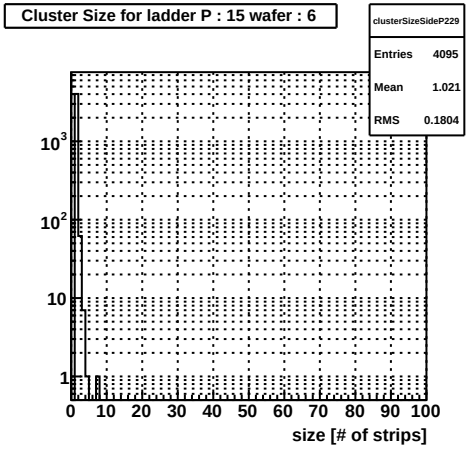

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1396
Mean 1.084
RMS 0.3112
size [# of strips]

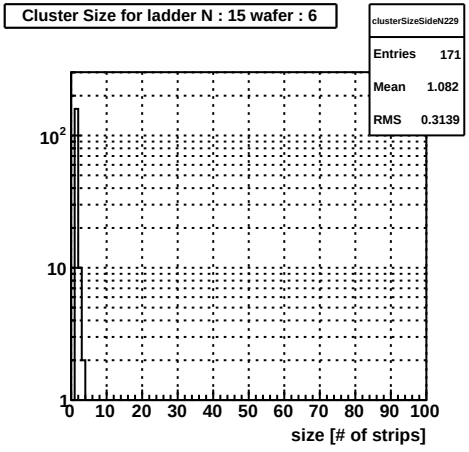

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 979
Mean 1.143
RMS 0.4497
size [# of strips]

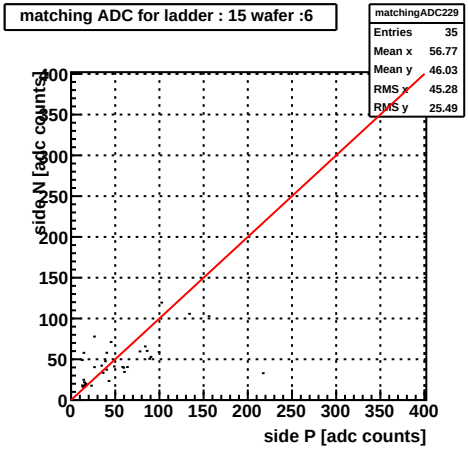

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 17
Mean x 76.88
Mean y 62.88
RMS x 67.77
RMS y 42.2
side N [adc counts]
side P [adc counts]

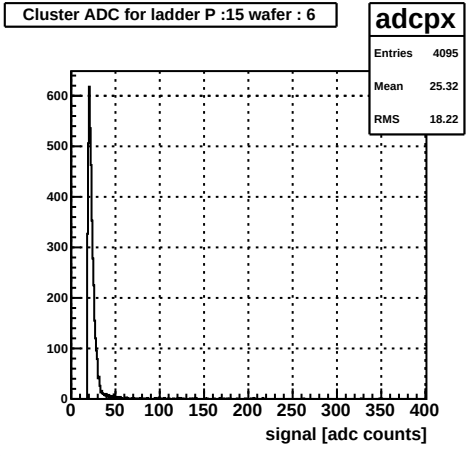

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1396
Mean 34.58
RMS 16.05
signal [adc counts]

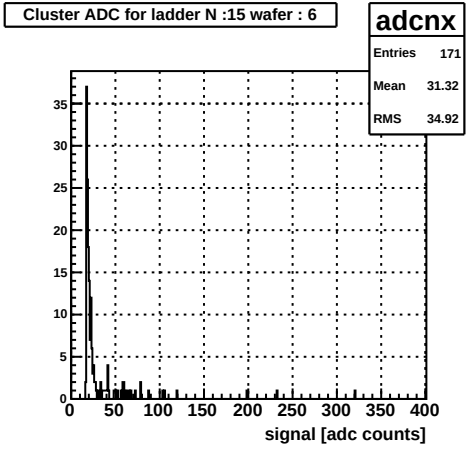

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 979
Mean 31.39
RMS 35
signal [adc counts]

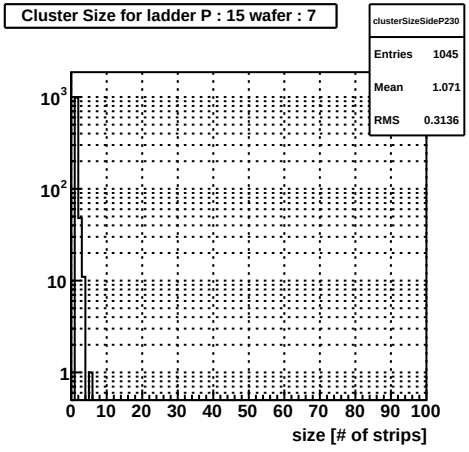

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 4095
Mean 1.021
RMS 0.1804
size [# of strips]

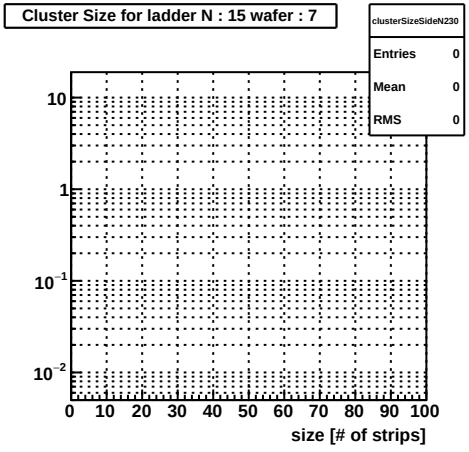

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 171
Mean 1.082
RMS 0.3139
size [# of strips]

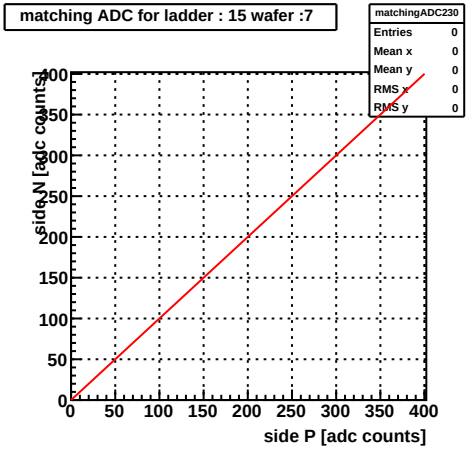

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 35
Mean x 56.77
Mean y 46.03
RMS x 45.28
RMS y 25.49
side N [adc counts]
side P [adc counts]

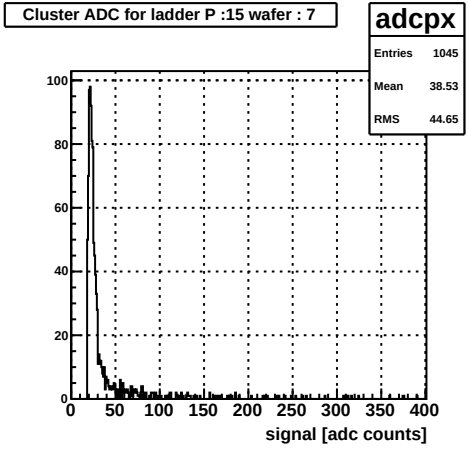

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 4095
Mean 25.32
RMS 18.22
signal [adc counts]

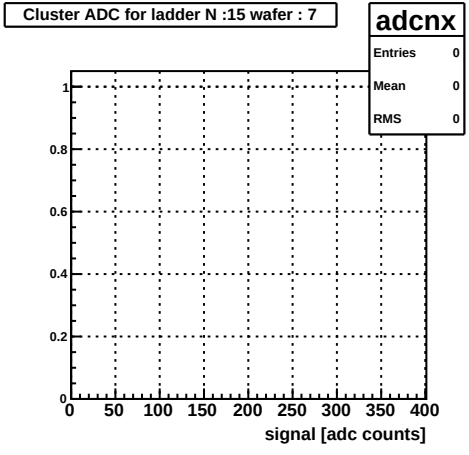

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 171
Mean 31.32
RMS 34.92
signal [adc counts]

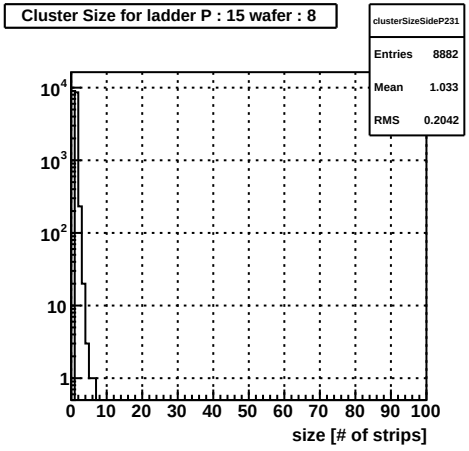

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1045
Mean 1.071
RMS 0.3136
size [# of strips]

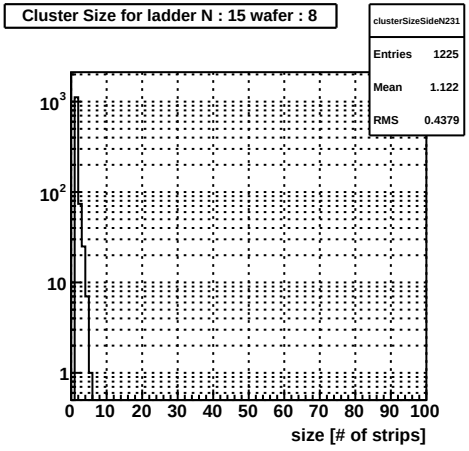

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

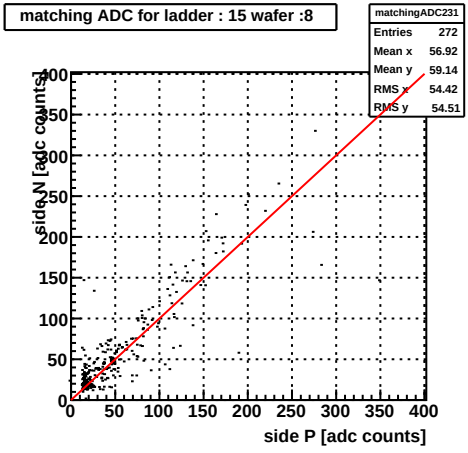

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

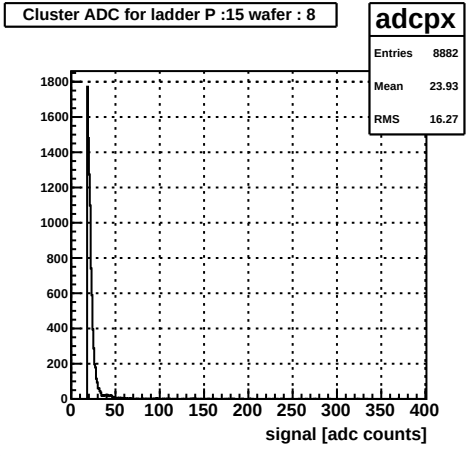

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1045
Mean 38.53
RMS 44.65
signal [adc counts]

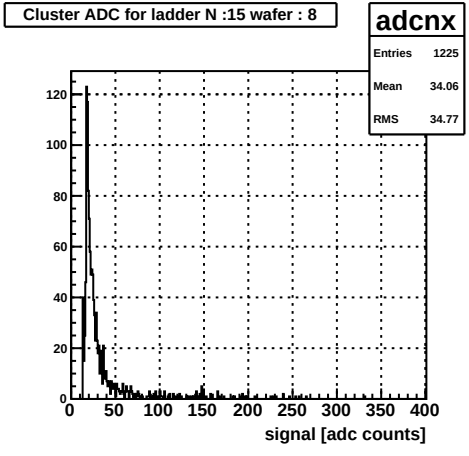

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

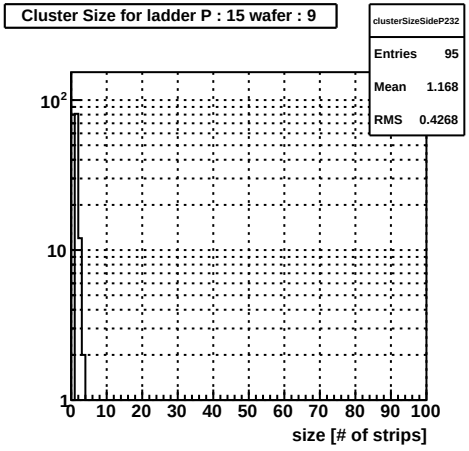

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 8882
Mean 1.033
RMS 0.2042
size [# of strips]

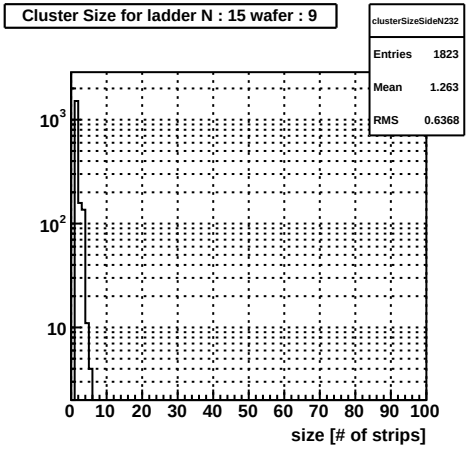

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1225
Mean 1.122
RMS 0.4379
size [# of strips]

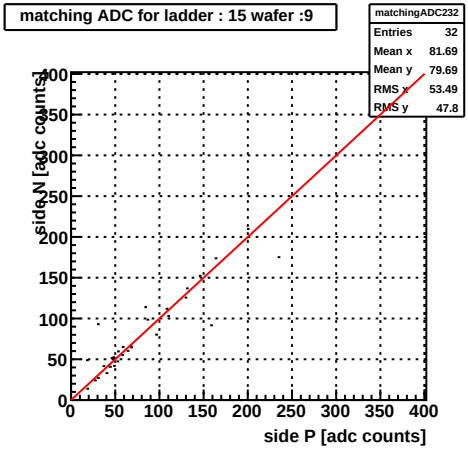

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 272
Mean x 56.92
Mean y 59.14
RMS x 54.42
RMS y 54.51
side N [adc counts]
side P [adc counts]

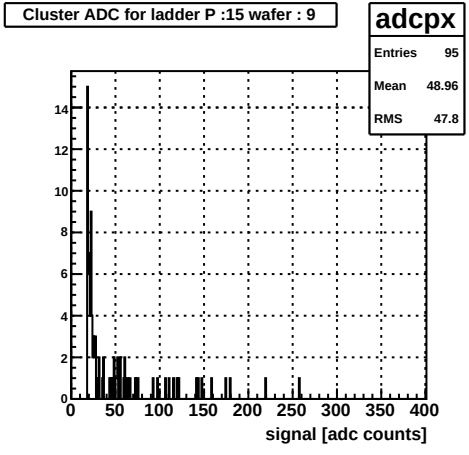

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 8882
Mean 23.93
RMS 16.27
signal [adc counts]

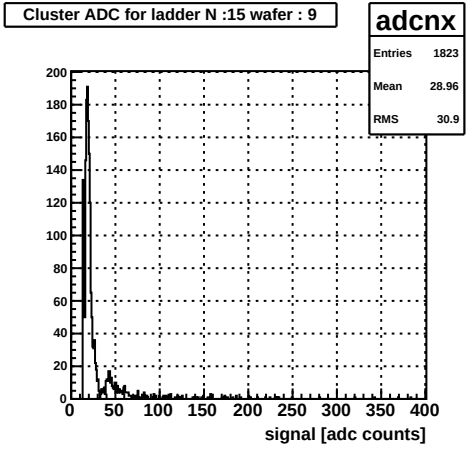

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1225
Mean 34.06
RMS 34.77
signal [adc counts]

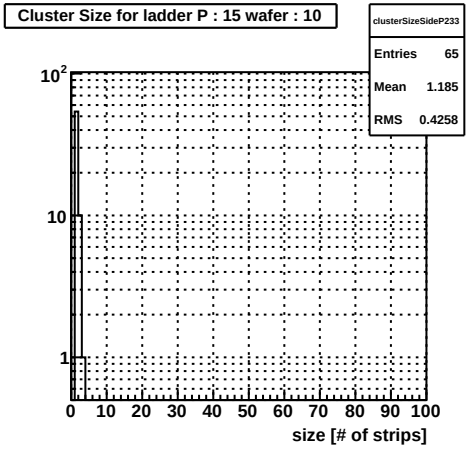

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 95
Mean 1.168
RMS 0.4268
size [# of strips]

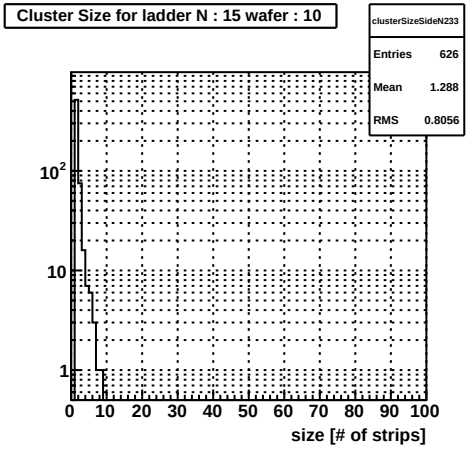

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 1823
Mean 1.263
RMS 0.6368
size [# of strips]

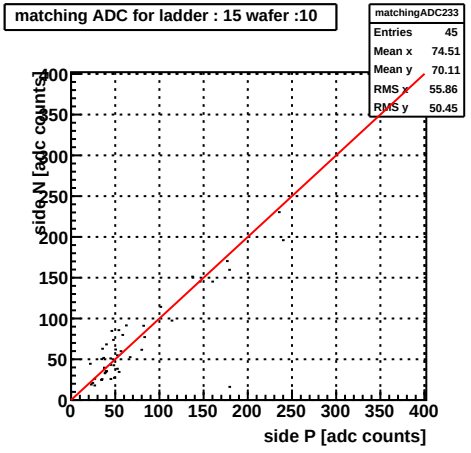

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 32
Mean x 81.69
Mean y 79.69
RMS x 53.49
RMS y 47.8
side N [adc counts]
side P [adc counts]

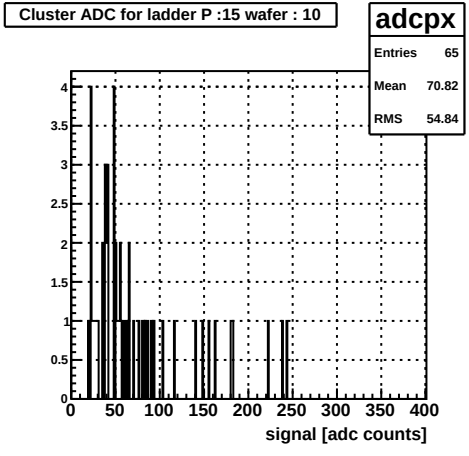

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 95
Mean 48.96
RMS 47.8
signal [adc counts]

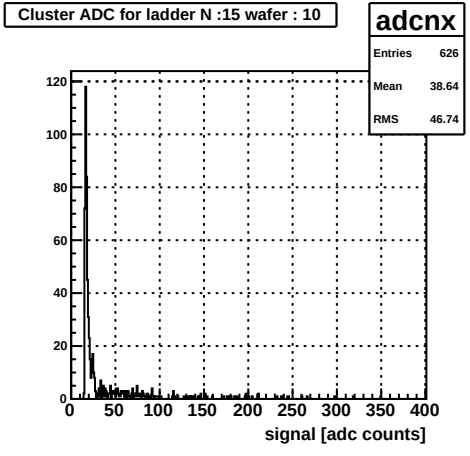

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 1823
Mean 28.96
RMS 30.9
signal [adc counts]

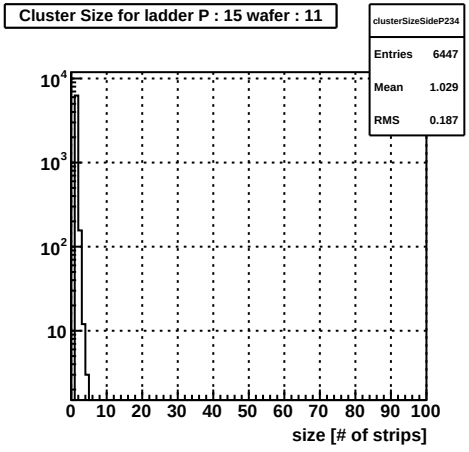

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 65
Mean 1.185
RMS 0.4258
size [# of strips]

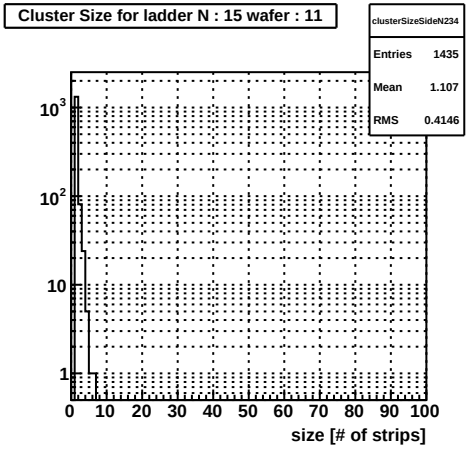

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 626
Mean 1.288
RMS 0.8056
size [# of strips]

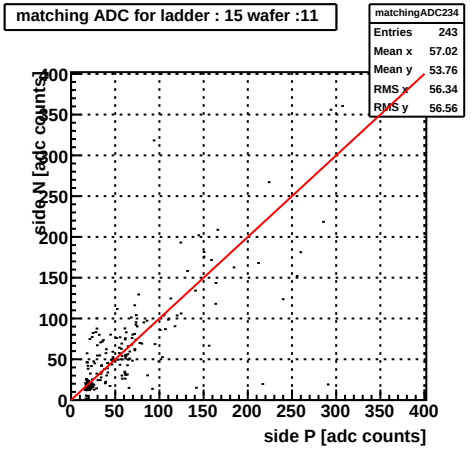

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 45
Mean x 74.51
Mean y 70.11
RMS x 55.86
RMS y 50.45
side N [adc counts]
side P [adc counts]

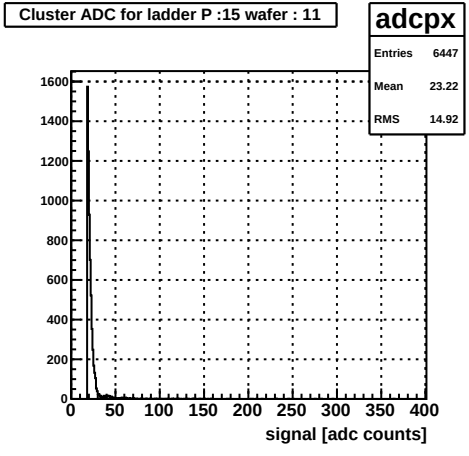

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 65
Mean 70.82
RMS 54.84
signal [adc counts]

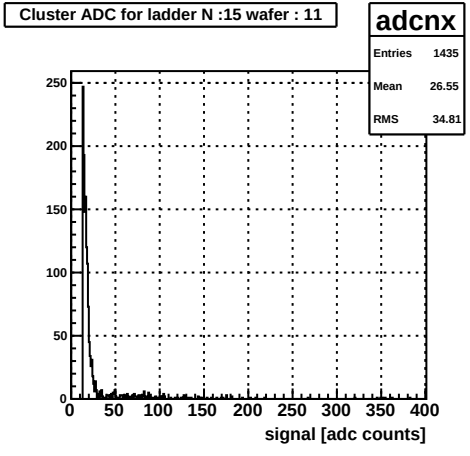

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 626
Mean 38.64
RMS 46.74
signal [adc counts]

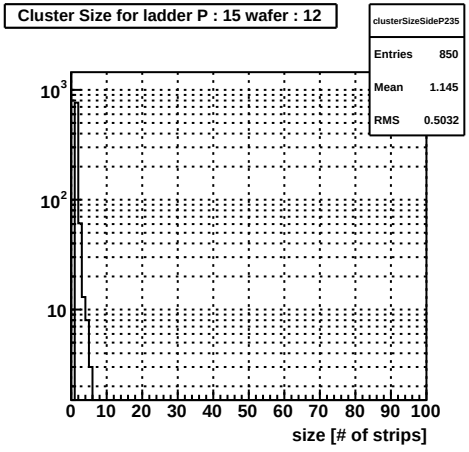

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6447
Mean 1.029
RMS 0.187
size [# of strips]

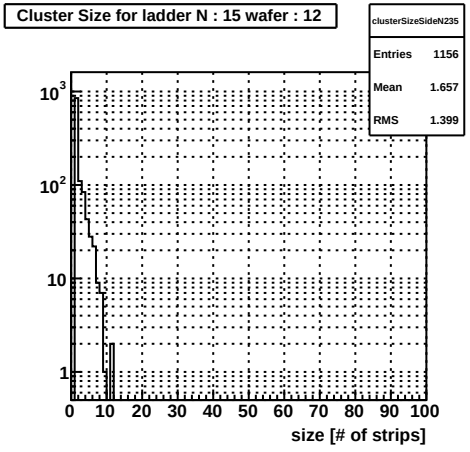

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 1435
Mean 1.107
RMS 0.4146
size [# of strips]

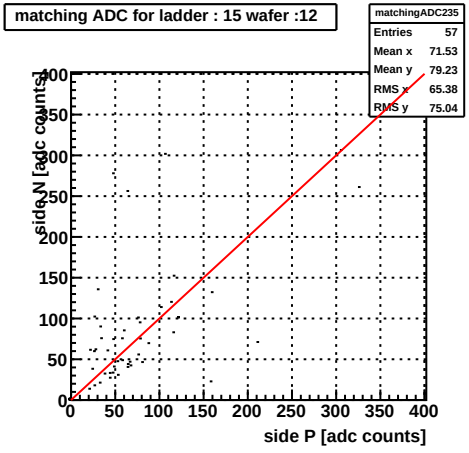

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 243
Mean x 57.02
Mean y 53.76
RMS x 56.34
RMS y 56.56
side N [adc counts]
side P [adc counts]

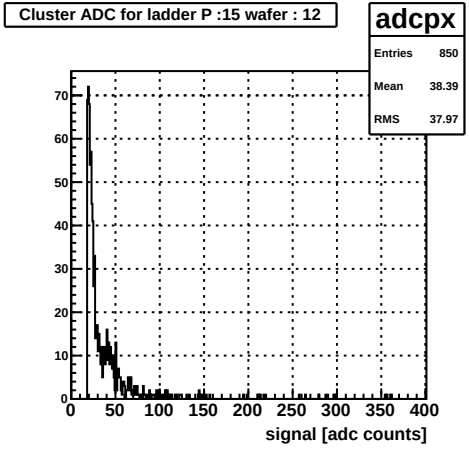

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6447
Mean 23.22
RMS 14.92
signal [adc counts]

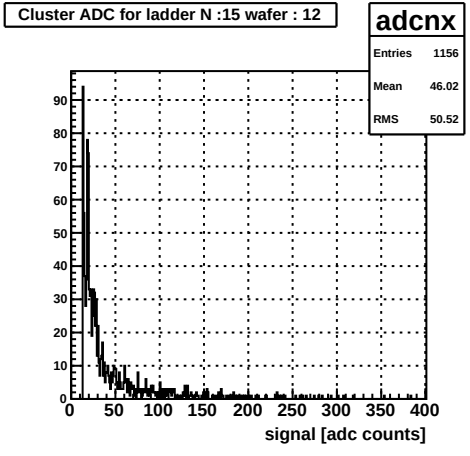

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 1435
Mean 26.55
RMS 34.81
signal [adc counts]

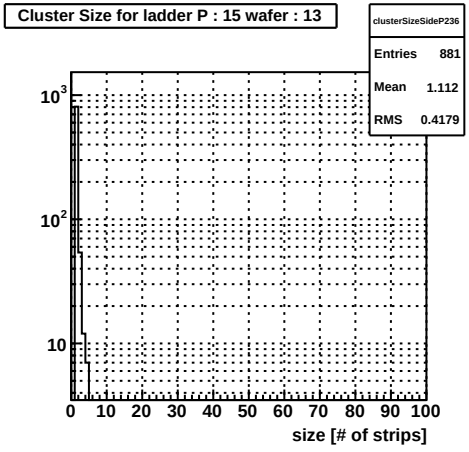

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 850
Mean 1.145
RMS 0.5032
size [# of strips]

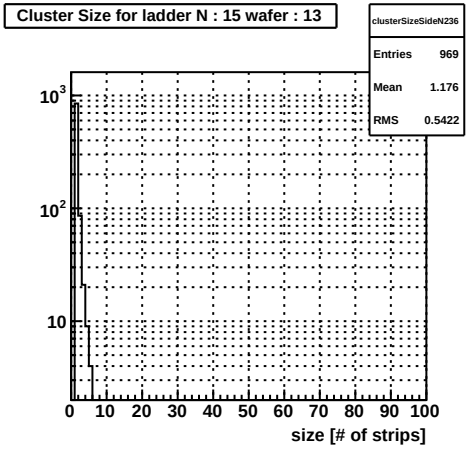

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1156
Mean 1.657
RMS 1.399
size [# of strips]

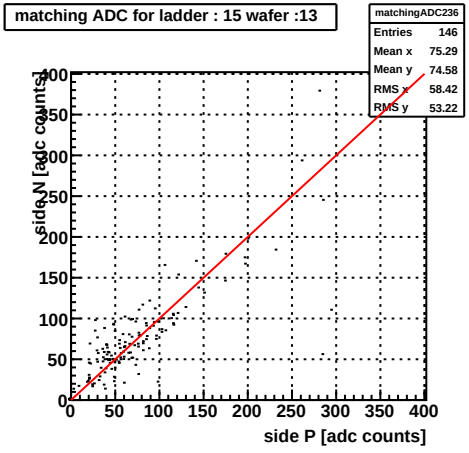

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 57
Mean x 71.53
Mean y 79.23
RMS x 65.38
RMS y 75.04
side N [adc counts]
side P [adc counts]

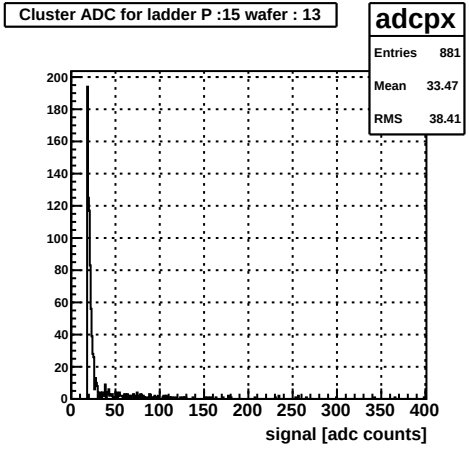

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 850
Mean 38.39
RMS 37.97
signal [adc counts]

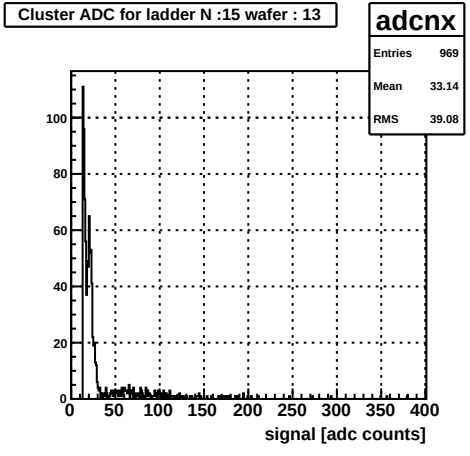

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1156
Mean 46.02
RMS 50.52
signal [adc counts]

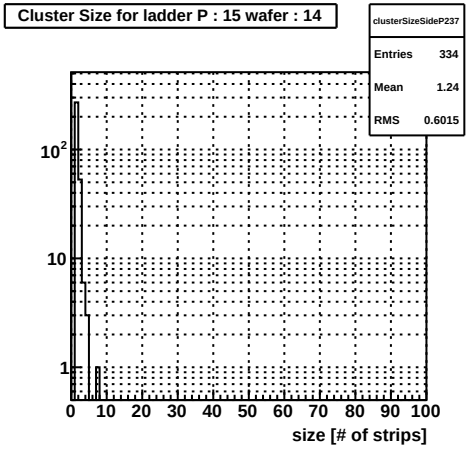

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 881
Mean 1.112
RMS 0.4179
size [# of strips]

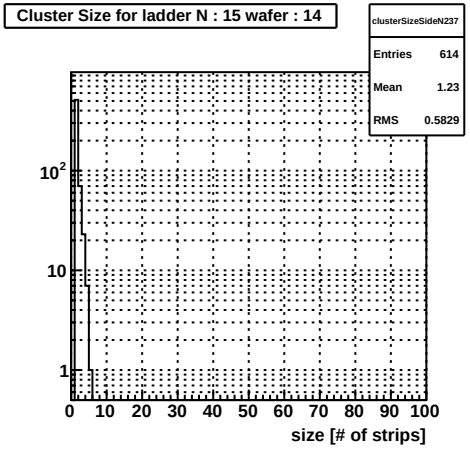

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 969
Mean 1.176
RMS 0.5422
size [# of strips]

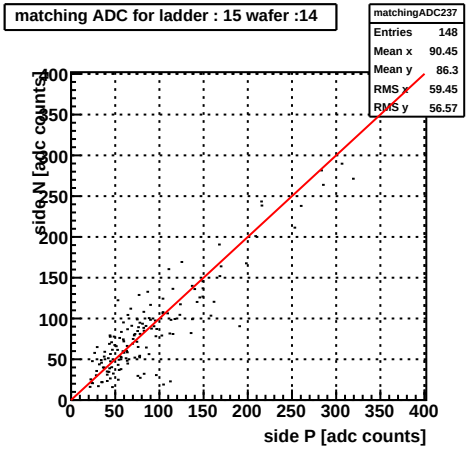

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 146
Mean x 75.29
Mean y 74.58
RMS x 58.42
RMS y 53.22
side N [adc counts]
side P [adc counts]

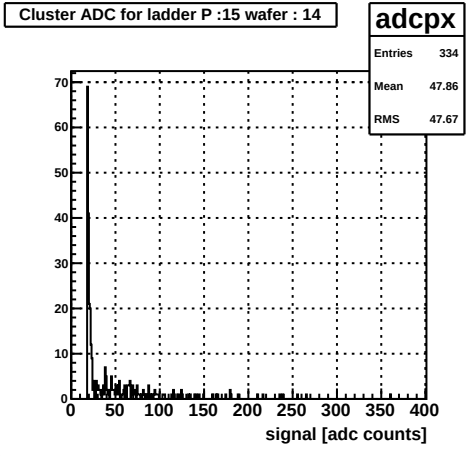

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 881
Mean 33.47
RMS 38.41
signal [adc counts]

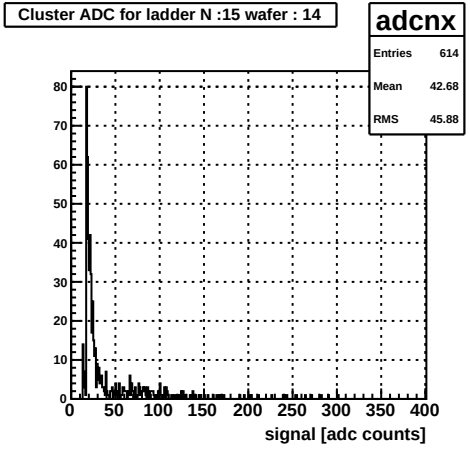

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 969
Mean 33.14
RMS 39.08
signal [adc counts]

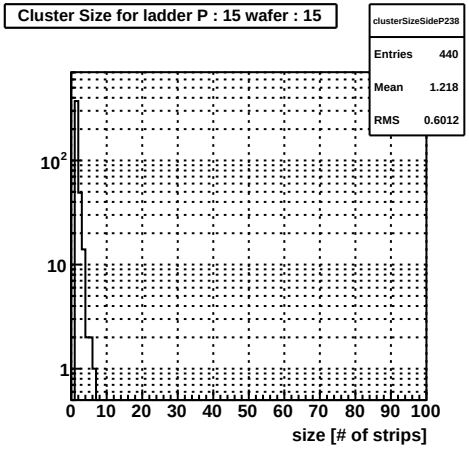

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 334
Mean 1.24
RMS 0.6015
size [# of strips]

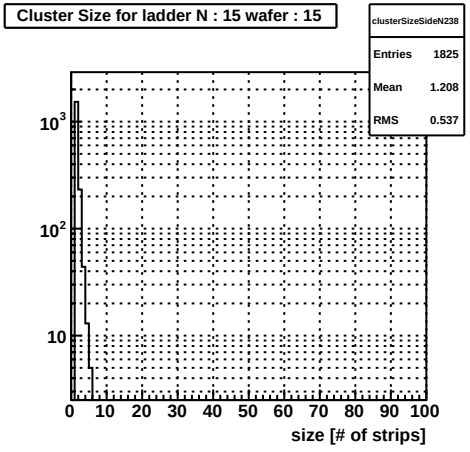

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 614
Mean 1.23
RMS 0.5829
size [# of strips]

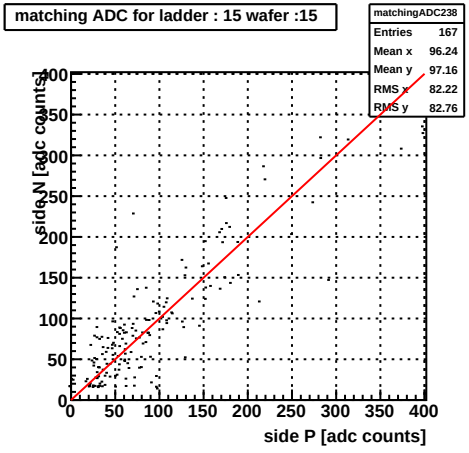

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 148
Mean x 90.45
Mean y 86.3
RMS x 59.45
RMS y 56.57
side N [adc counts]
side P [adc counts]

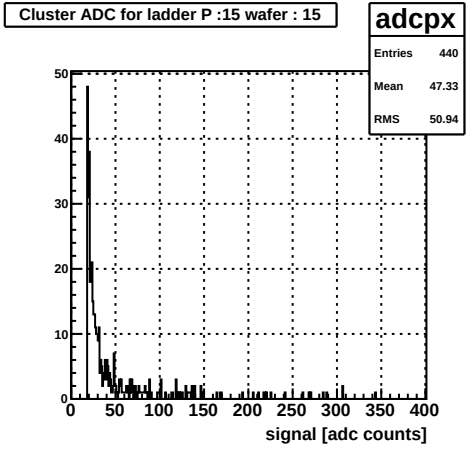

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 334
Mean 47.86
RMS 47.67
signal [adc counts]

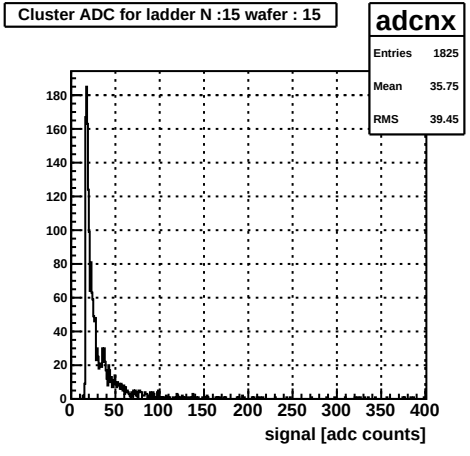

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 614
Mean 42.68
RMS 45.88
signal [adc counts]

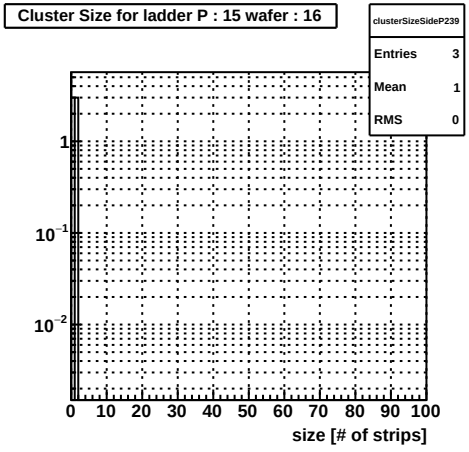

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 440
Mean 1.218
RMS 0.6012
size [# of strips]

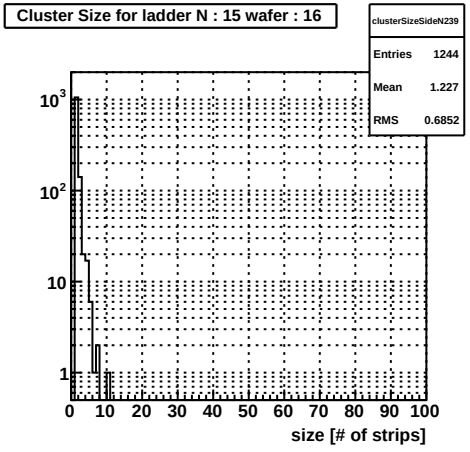

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 1825
Mean 1.208
RMS 0.537
size [# of strips]

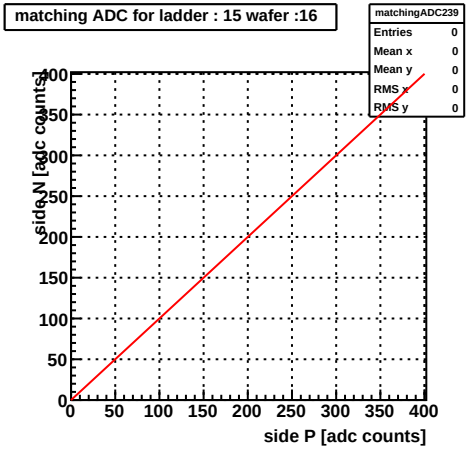

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 167
Mean x 96.24
Mean y 97.16
RMS x 82.22
RMS y 82.76
side N [adc counts]
side P [adc counts]

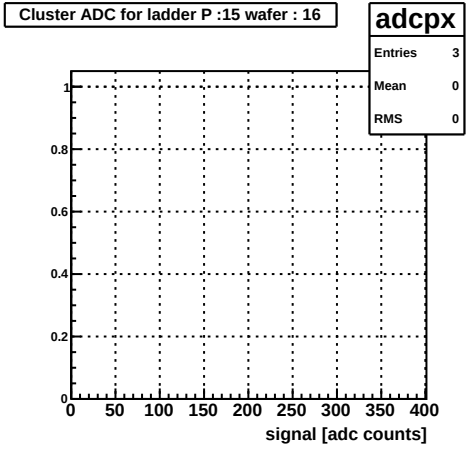

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 440
Mean 47.33
RMS 50.94
signal [adc counts]

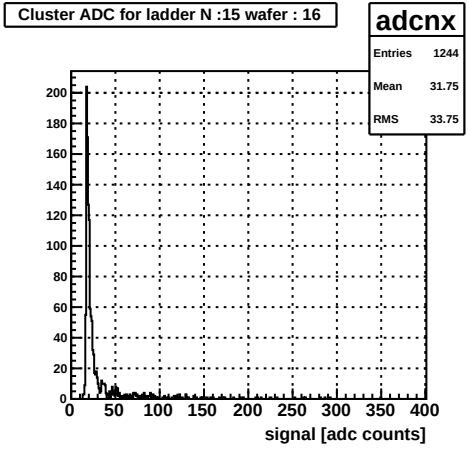

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 1825
Mean 35.75
RMS 39.45
signal [adc counts]

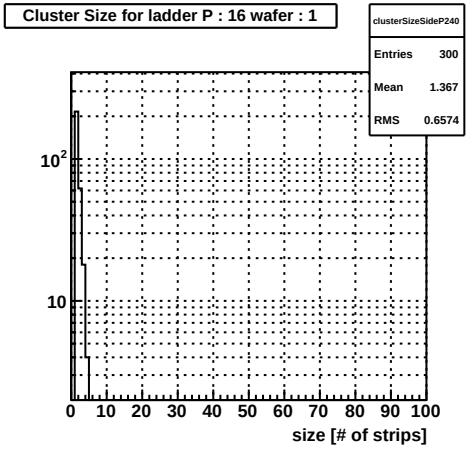

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

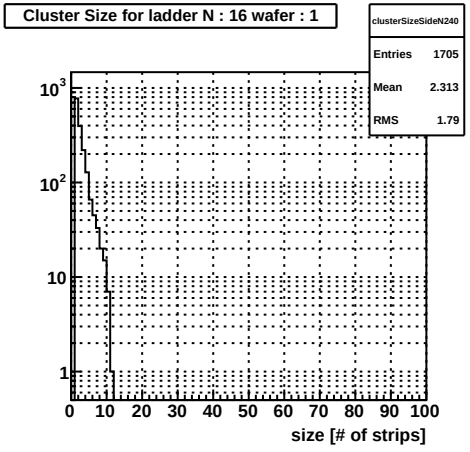

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1244
Mean 1.227
RMS 0.6852
size [# of strips]

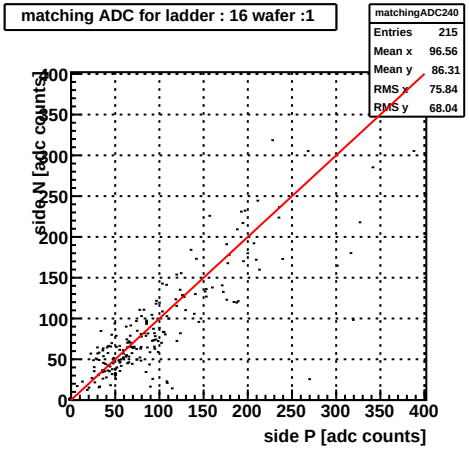

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

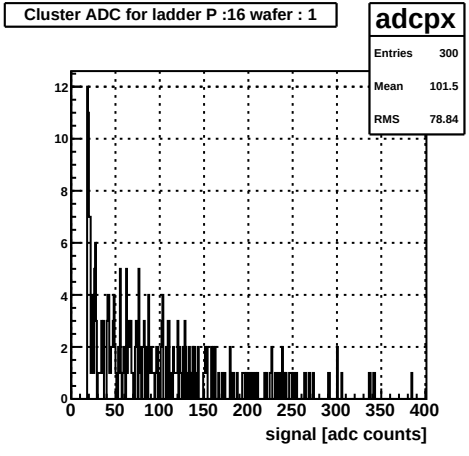

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

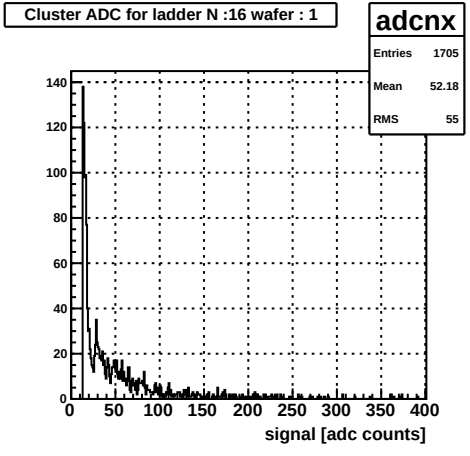

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1244
Mean 31.75
RMS 33.75
signal [adc counts]

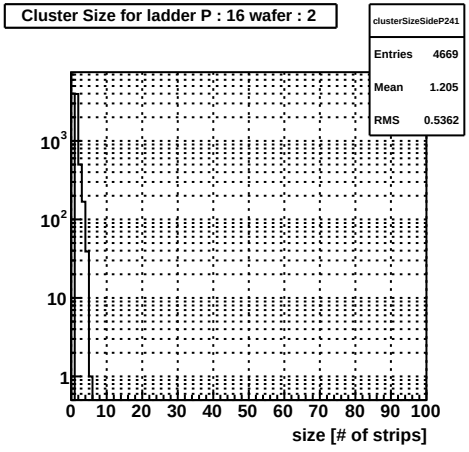

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 300
Mean 1.367
RMS 0.6574
size [# of strips]

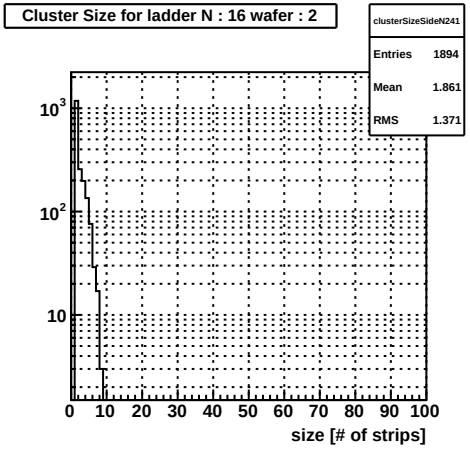

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 1705
Mean 2.313
RMS 1.79
size [# of strips]

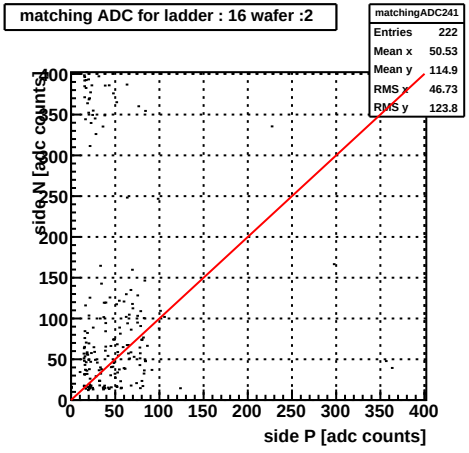

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 215
Mean x 96.56
Mean y 86.31
RMS x 75.84
RMS y 68.04
side N [adc counts]
side P [adc counts]

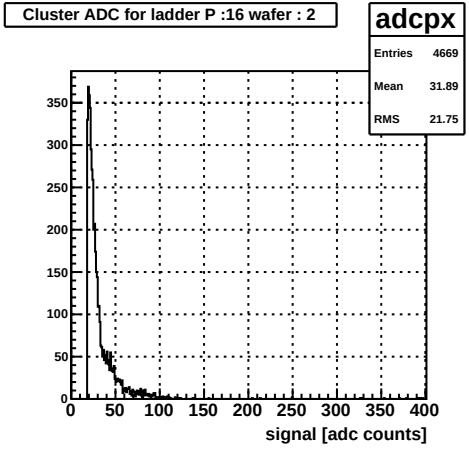

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 300
Mean 101.5
RMS 78.84
signal [adc counts]

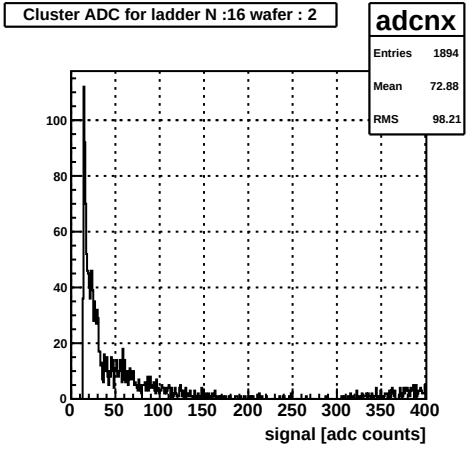

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 1705
Mean 52.18
RMS 55
signal [adc counts]

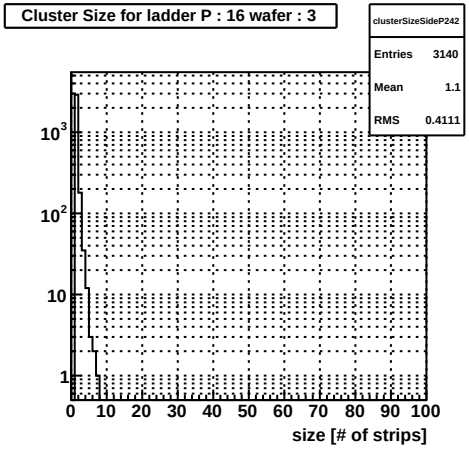

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4669
Mean 1.205
RMS 0.5362
size [# of strips]

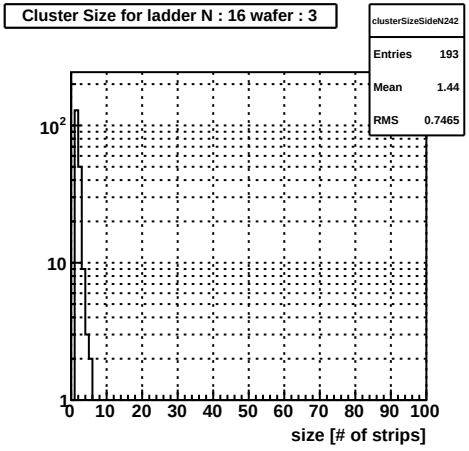

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 1894
Mean 1.861
RMS 1.371
size [# of strips]

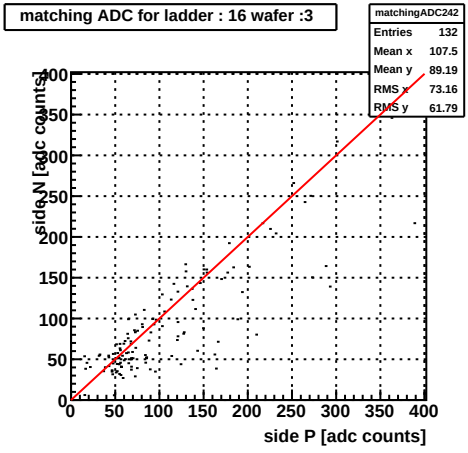

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 222
Mean x 50.53
Mean y 114.9
RMS x 46.73
RMS y 123.8
side N [adc counts]
side P [adc counts]

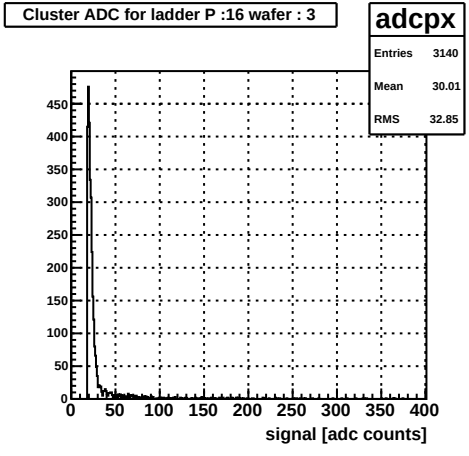

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4669
Mean 31.89
RMS 21.75
signal [adc counts]

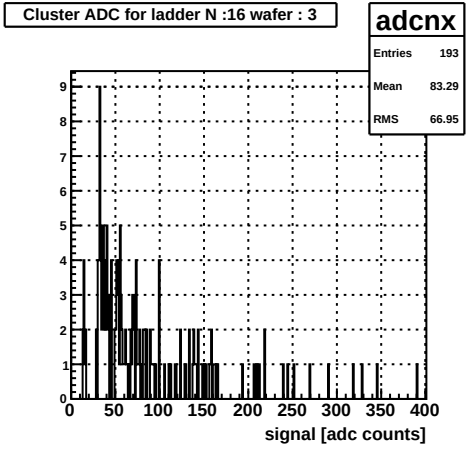

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 1894
Mean 72.88
RMS 98.21
signal [adc counts]

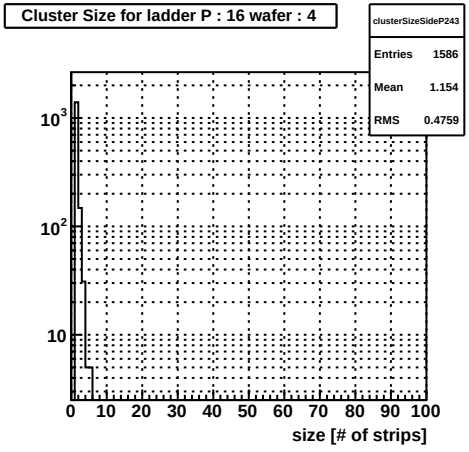

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 3140
Mean 1.1
RMS 0.4111
size [# of strips]

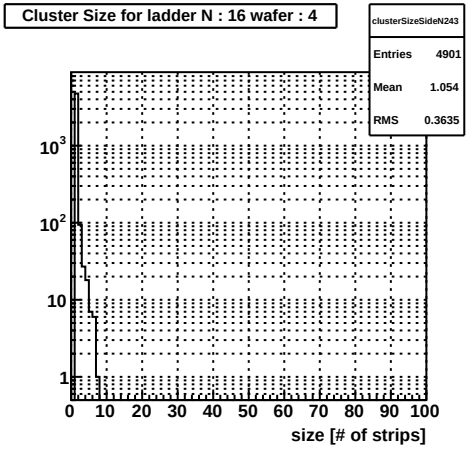

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 193
Mean 1.44
RMS 0.7465
size [# of strips]

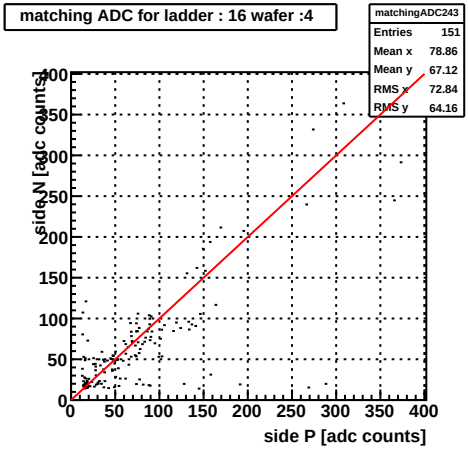

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 132
Mean x 107.5
Mean y 89.19
RMS x 73.16
RMS y 61.79
side N [adc counts]
side P [adc counts]

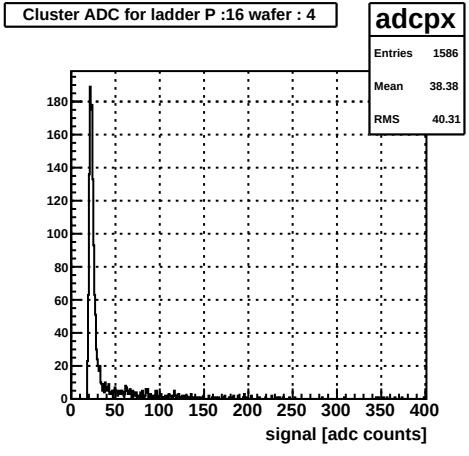

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 3140
Mean 30.01
RMS 32.85
signal [adc counts]

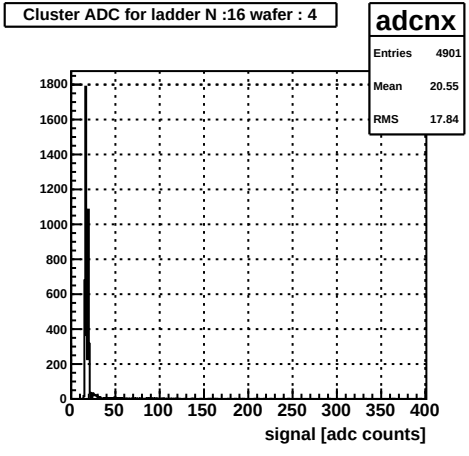

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 193
Mean 83.29
RMS 66.95
signal [adc counts]

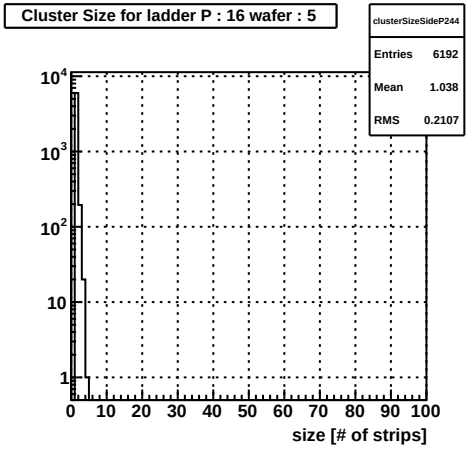

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 1586
Mean 1.154
RMS 0.4759
size [# of strips]

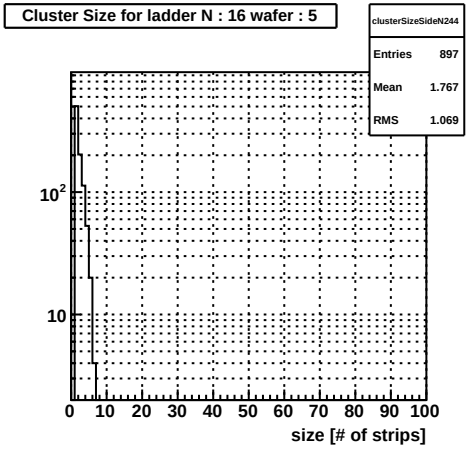

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4901
Mean 1.054
RMS 0.3635
size [# of strips]

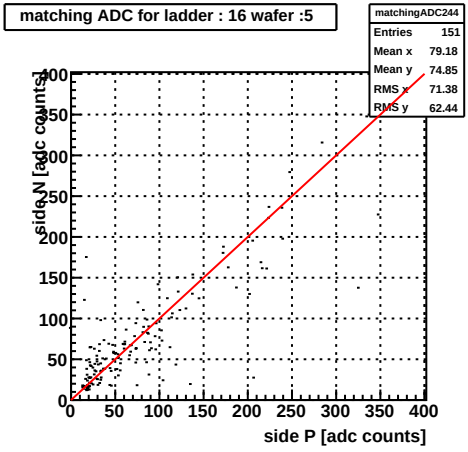

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 151
Mean x 78.86
Mean y 67.12
RMS x 72.84
RMS y 64.16
side N [adc counts]
side P [adc counts]

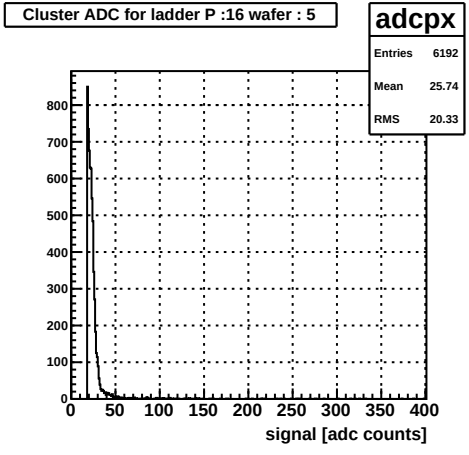

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 1586
Mean 38.38
RMS 40.31
signal [adc counts]

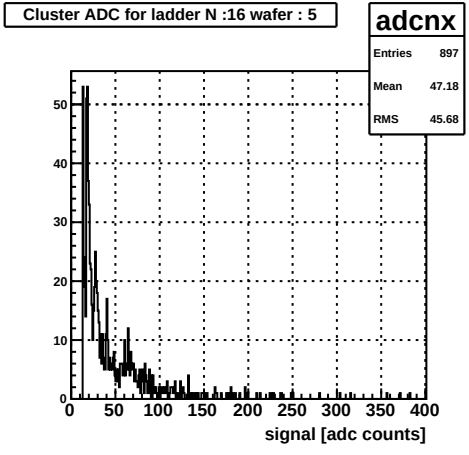

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4901
Mean 20.55
RMS 17.84
signal [adc counts]

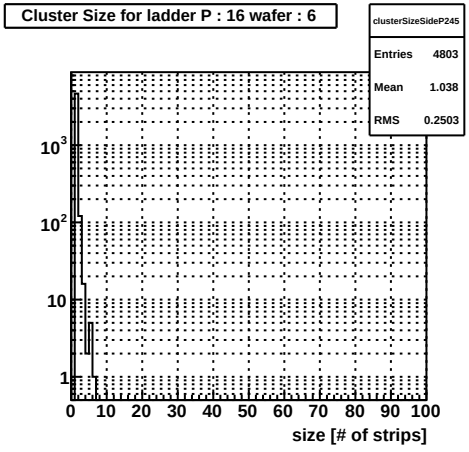

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 6192
Mean 1.038
RMS 0.2107
size [# of strips]

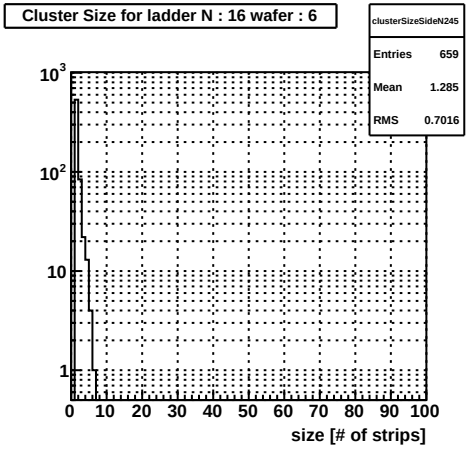

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 897
Mean 1.767
RMS 1.069
size [# of strips]

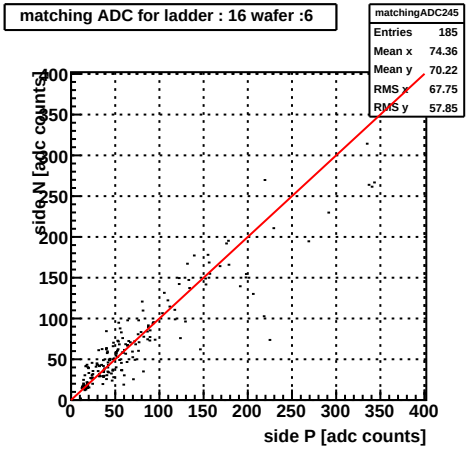

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 151
Mean x 79.18
Mean y 74.85
RMS x 71.38
RMS y 62.44
side N [adc counts]
side P [adc counts]

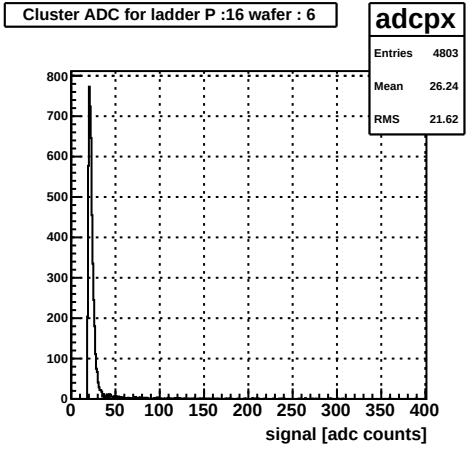

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 6192
Mean 25.74
RMS 20.33
signal [adc counts]

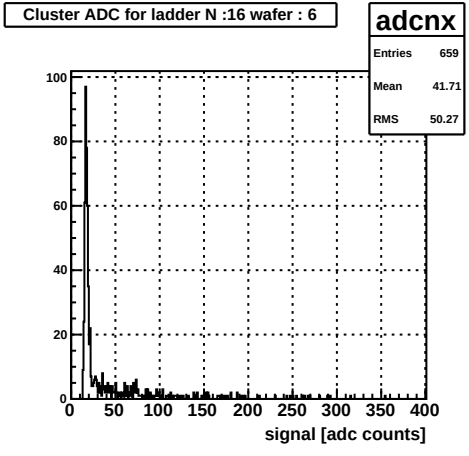

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 897
Mean 47.18
RMS 45.68
signal [adc counts]

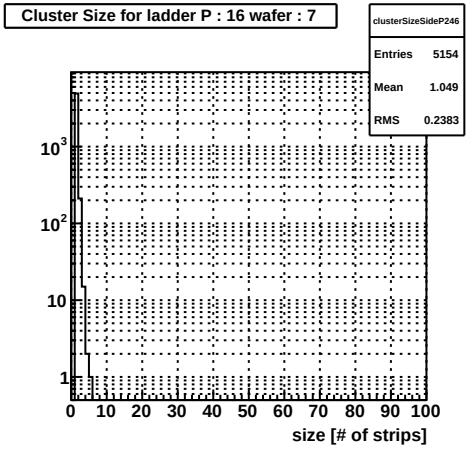

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 4803
Mean 1.038
RMS 0.2503
size [# of strips]

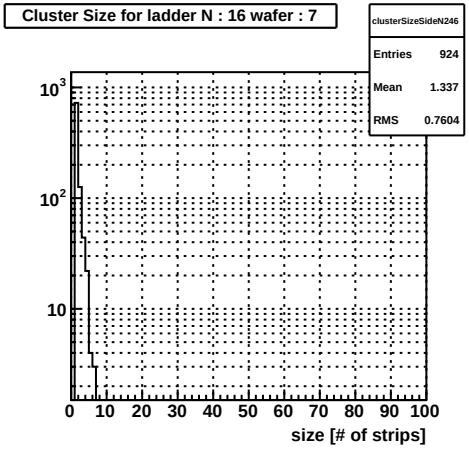

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 659
Mean 1.285
RMS 0.7016
size [# of strips]

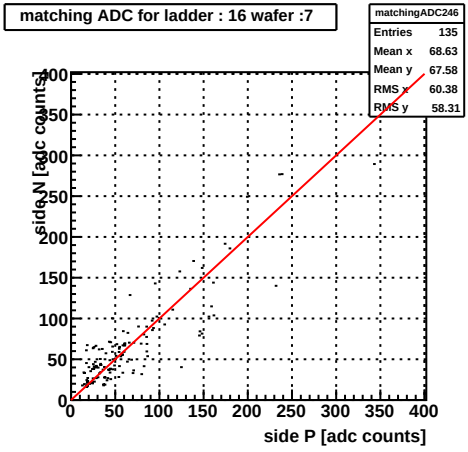

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 185
Mean x 74.36
Mean y 70.22
RMS x 67.75
RMS y 57.85
side N [adc counts]
side P [adc counts]

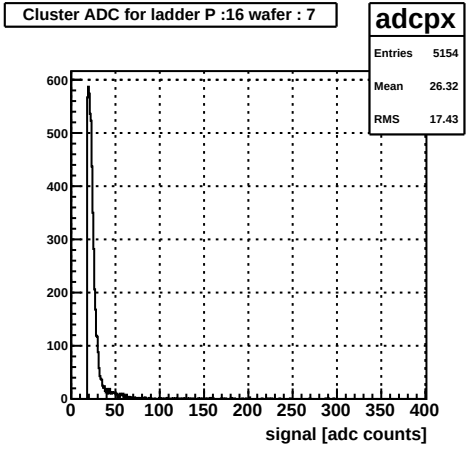

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 4803
Mean 26.24
RMS 21.62
signal [adc counts]

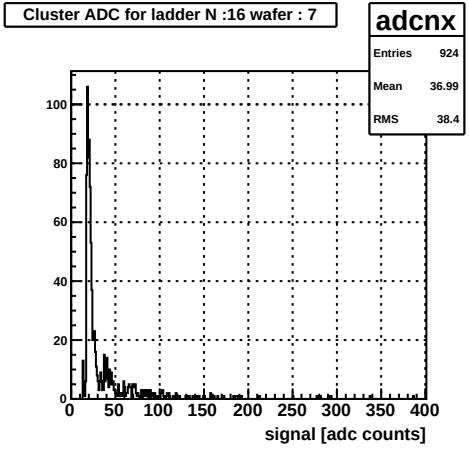

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 659
Mean 41.71
RMS 50.27
signal [adc counts]

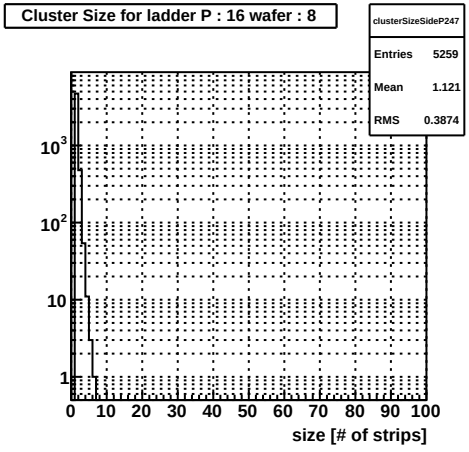

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 5154
Mean 1.049
RMS 0.2383
size [# of strips]

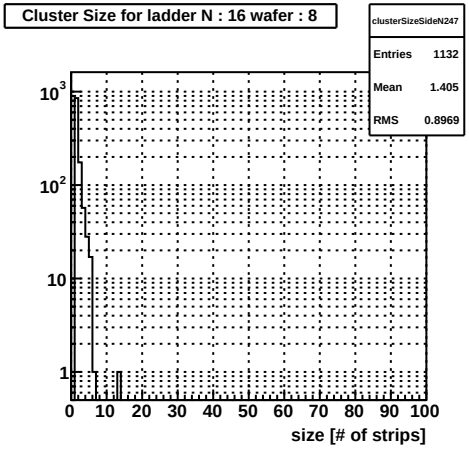

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 924
Mean 1.337
RMS 0.7604
size [# of strips]

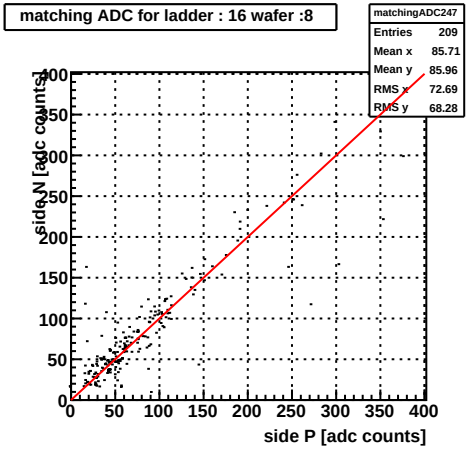

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 135
Mean x 68.63
Mean y 67.58
RMS x 60.38
RMS y 58.31
side N [adc counts]
side P [adc counts]

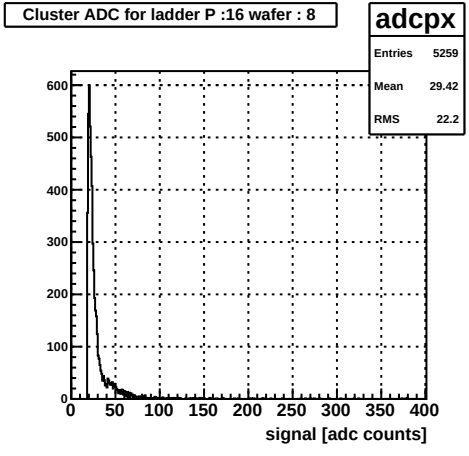

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 5154
Mean 26.32
RMS 17.43
signal [adc counts]

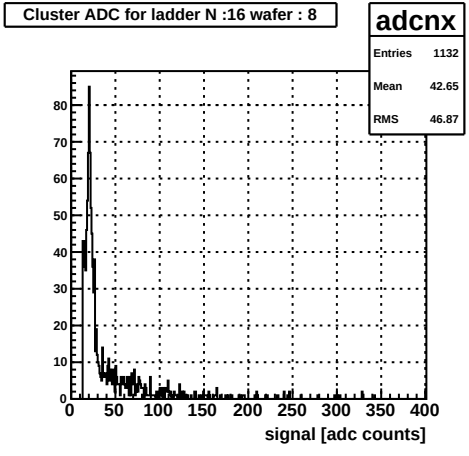

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 924
Mean 36.99
RMS 38.4
signal [adc counts]

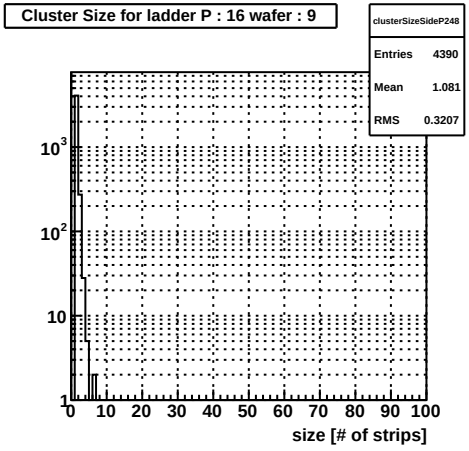

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 5259
Mean 1.121
RMS 0.3874
size [# of strips]

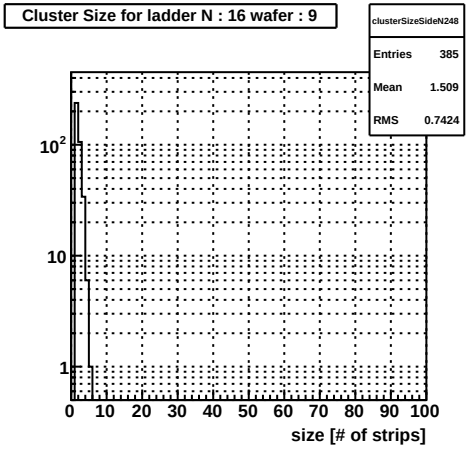

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1132
Mean 1.405
RMS 0.8969
size [# of strips]

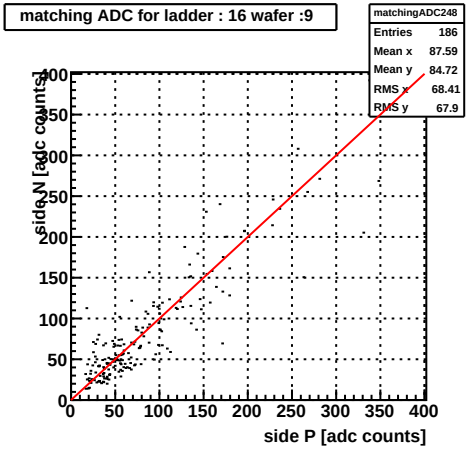

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 209
Mean x 85.71
Mean y 85.96
RMS x 72.69
RMS y 68.28
side N [adc counts]
side P [adc counts]

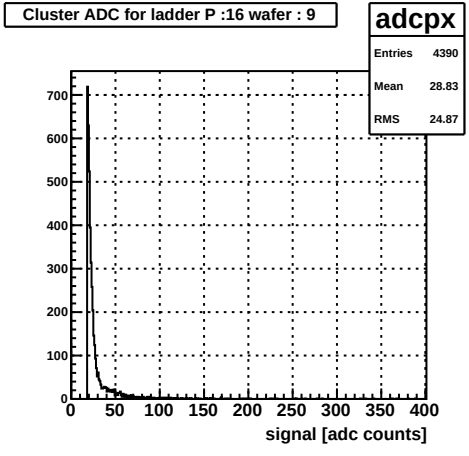

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 5259
Mean 29.42
RMS 22.2
signal [adc counts]

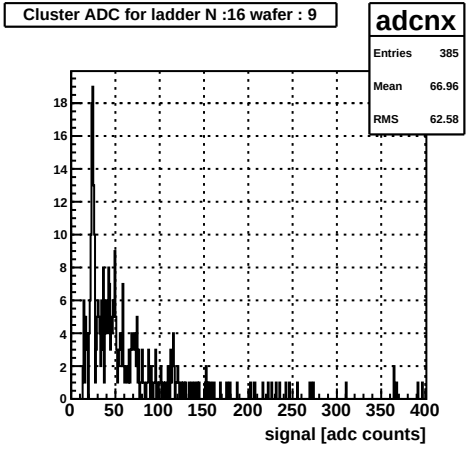

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1132
Mean 42.65
RMS 46.87
signal [adc counts]

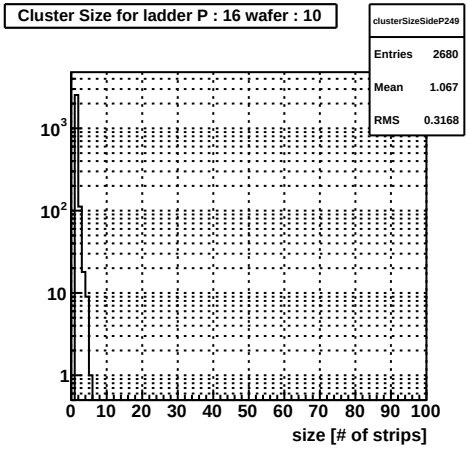

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 4390
Mean 1.081
RMS 0.3207
size [# of strips]

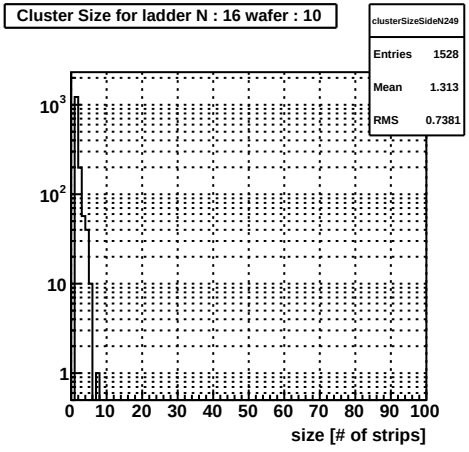

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 385
Mean 1.509
RMS 0.7424
size [# of strips]

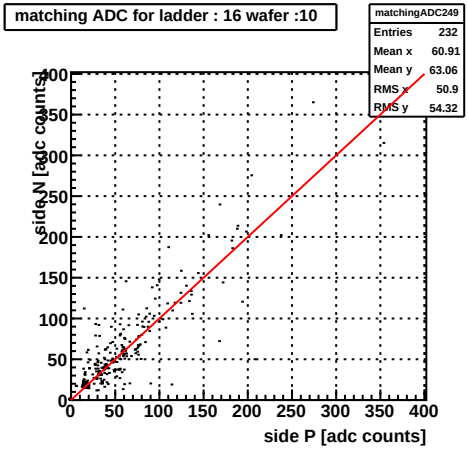

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 186
Mean x 87.59
Mean y 84.72
RMS x 68.41
RMS y 67.9
side N [adc counts]
side P [adc counts]

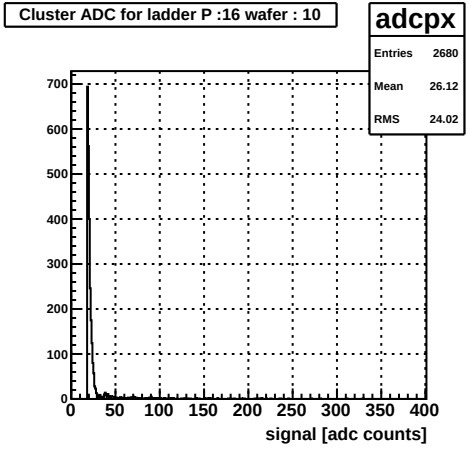

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 4390
Mean 28.83
RMS 24.87
signal [adc counts]

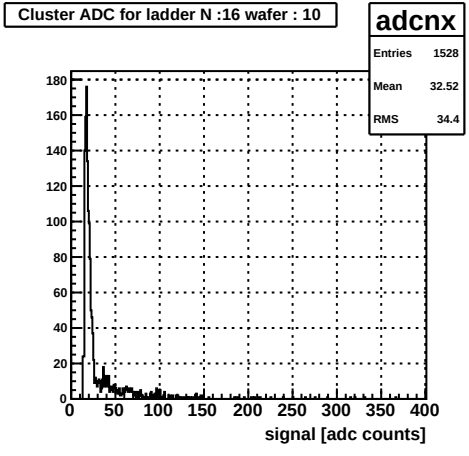

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 385
Mean 66.96
RMS 62.58
signal [adc counts]

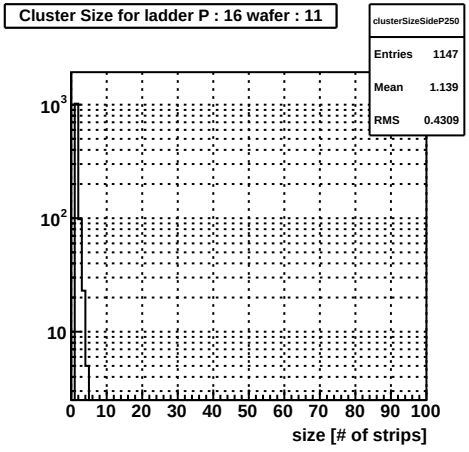

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 2680
Mean 1.067
RMS 0.3168
size [# of strips]

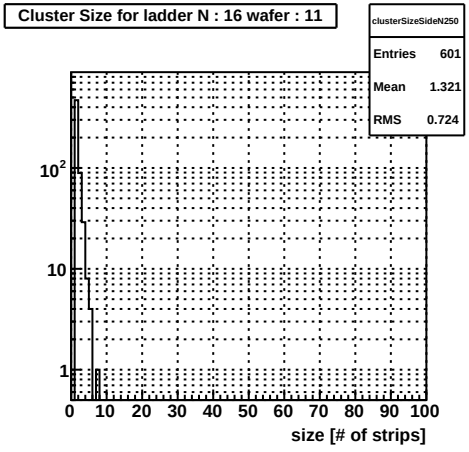

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1528
Mean 1.313
RMS 0.7381
size [# of strips]

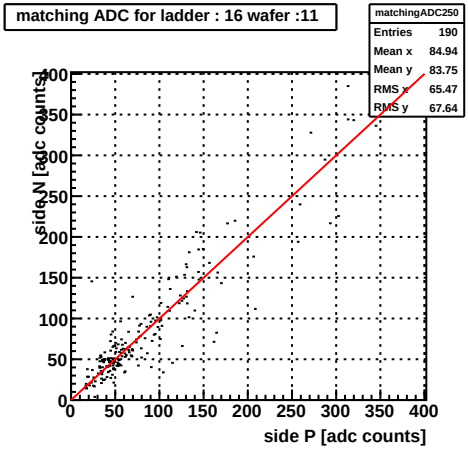

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 232
Mean x 60.91
Mean y 63.06
RMS x 50.9
RMS y 54.32
side N [adc counts]
side P [adc counts]

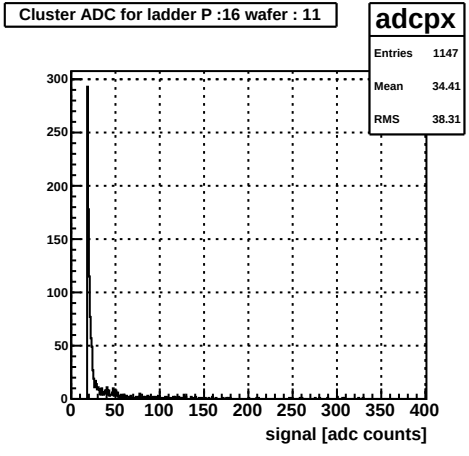

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 2680
Mean 26.12
RMS 24.02
signal [adc counts]

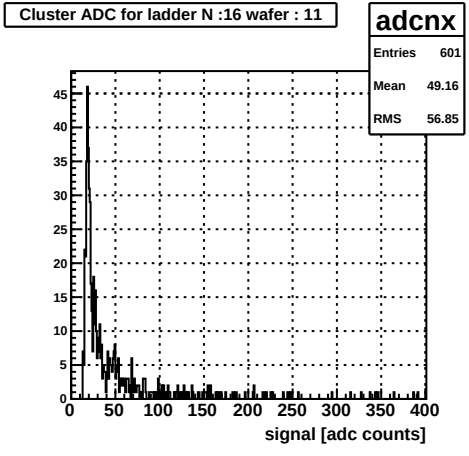

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1528
Mean 32.52
RMS 34.4
signal [adc counts]

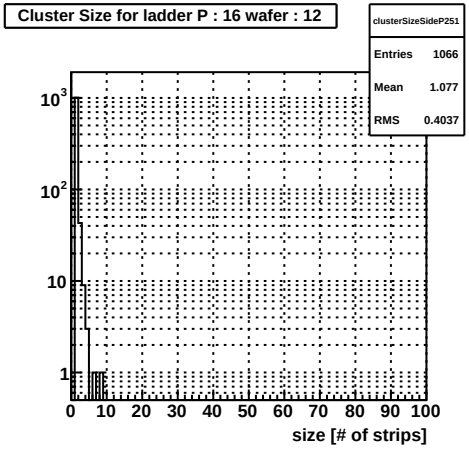

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1147
Mean 1.139
RMS 0.4309
size [# of strips]

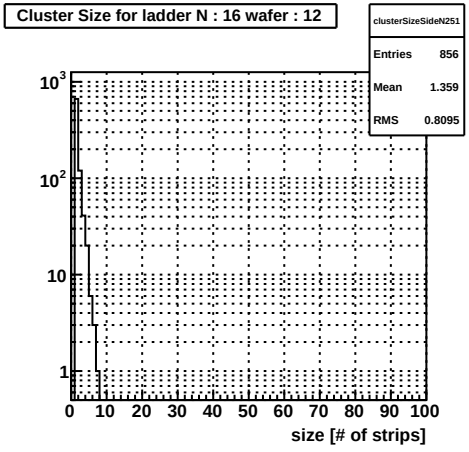

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 601
Mean 1.321
RMS 0.724
size [# of strips]

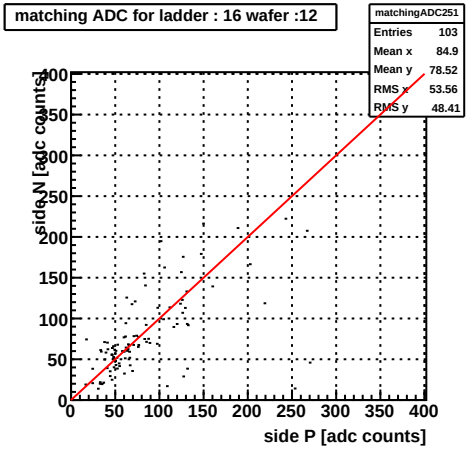

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 190
Mean x 84.94
Mean y 83.75
RMS x 65.47
RMS y 67.64
side N [adc counts]
side P [adc counts]

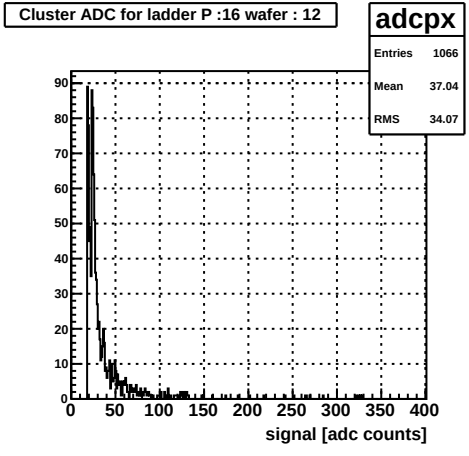

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1147
Mean 34.41
RMS 38.31
signal [adc counts]

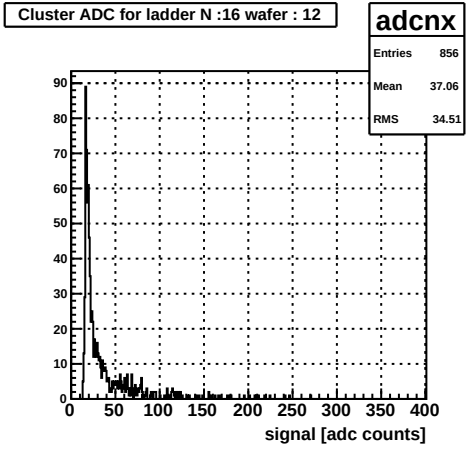

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 601
Mean 49.16
RMS 56.85
signal [adc counts]

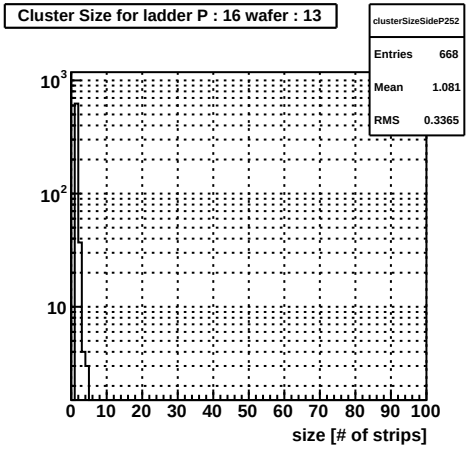

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1066
Mean 1.077
RMS 0.4037
size [# of strips]

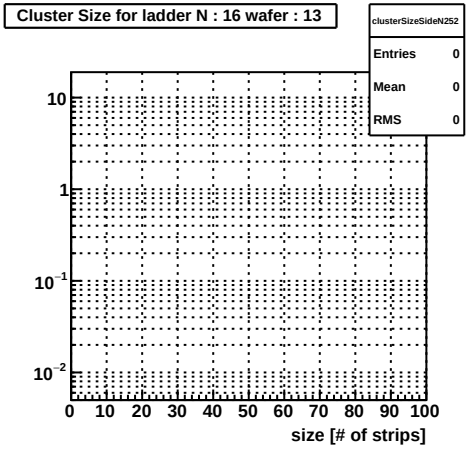

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 856
Mean 1.359
RMS 0.8095
size [# of strips]

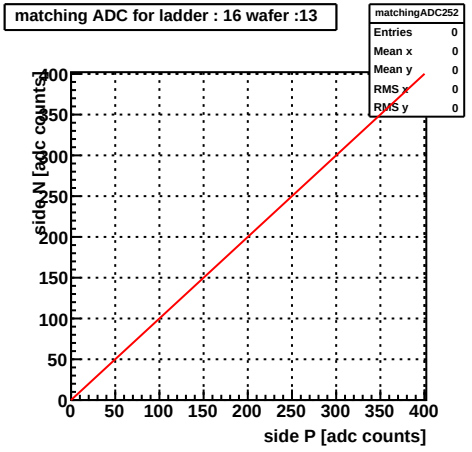

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 103
Mean x 84.9
Mean y 78.52
RMS x 53.56
RMS y 48.41
side N [adc counts]
side P [adc counts]

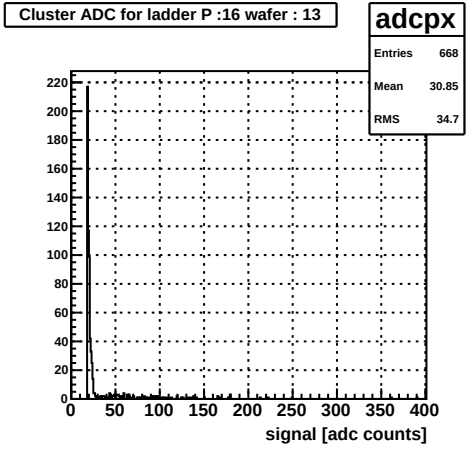

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1066
Mean 37.04
RMS 34.07
signal [adc counts]

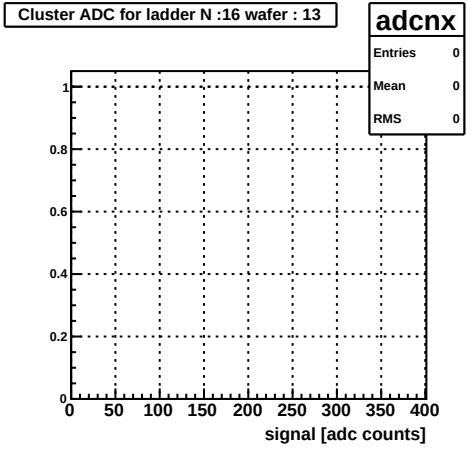

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 856
Mean 37.06
RMS 34.51
signal [adc counts]

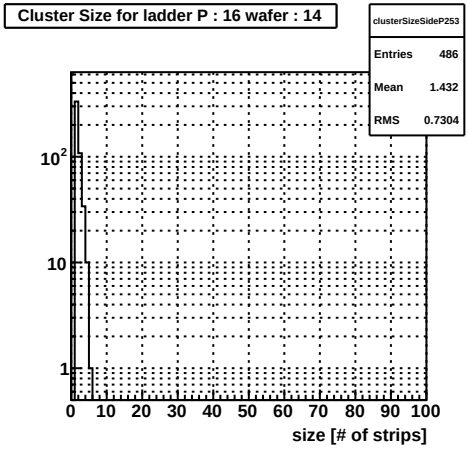

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 668
Mean 1.081
RMS 0.3365
size [# of strips]

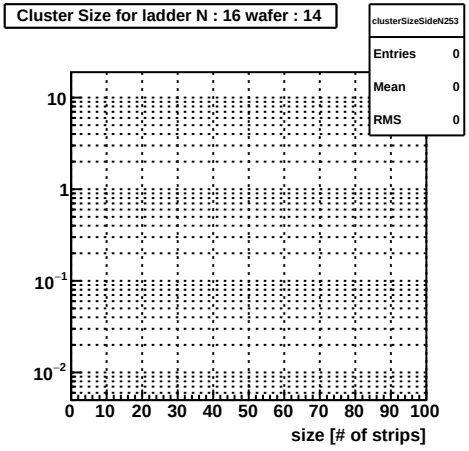

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

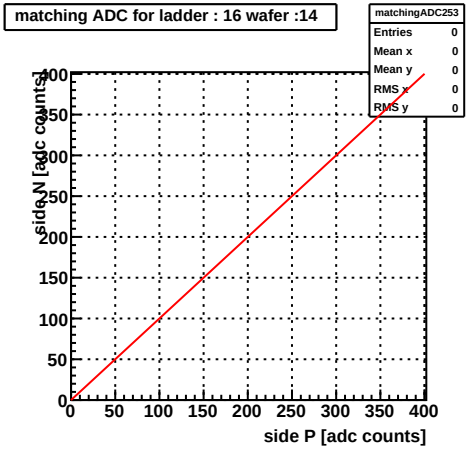

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

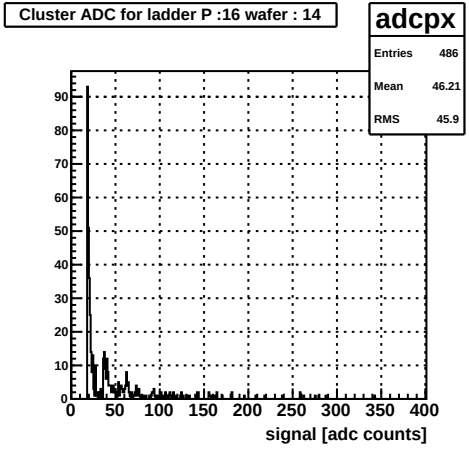

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 668
Mean 30.85
RMS 34.7
signal [adc counts]

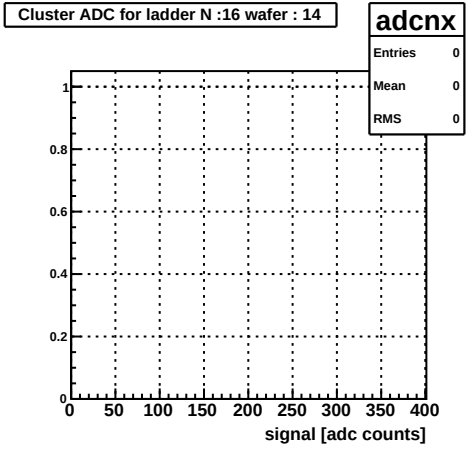

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

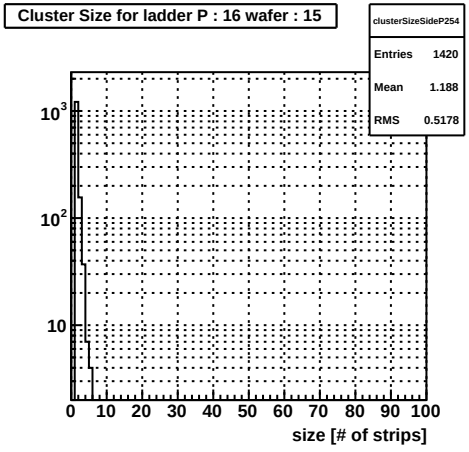

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 486
Mean 1.432
RMS 0.7304
size [# of strips]

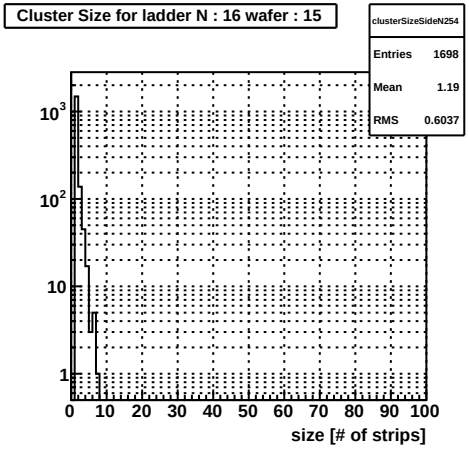

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

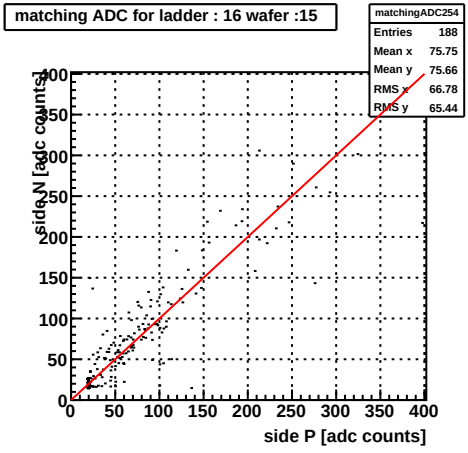

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

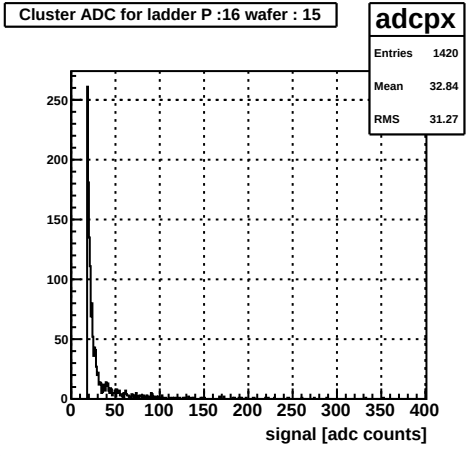

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 486
Mean 46.21
RMS 45.9
signal [adc counts]

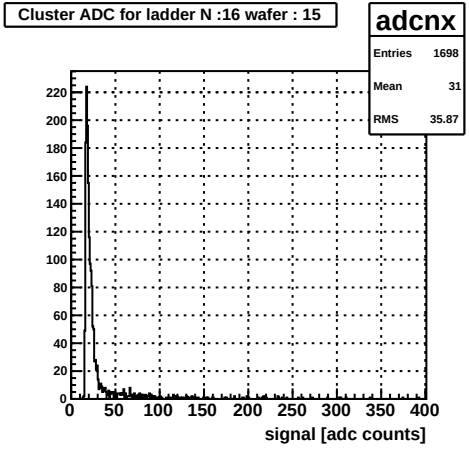

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

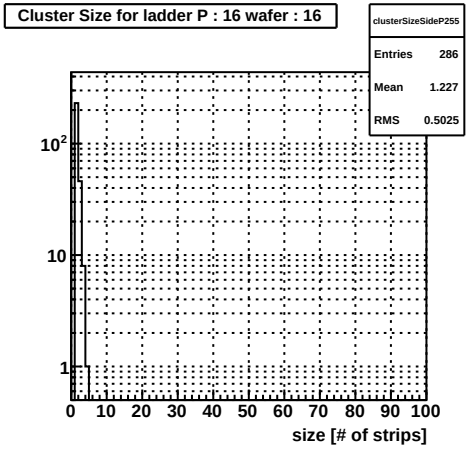

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1420
Mean 1.188
RMS 0.5178
size [# of strips]

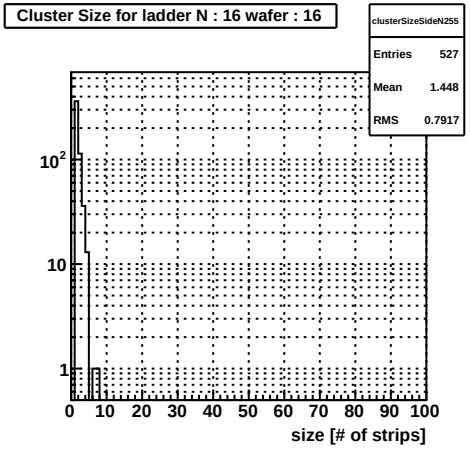

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 1698
Mean 1.19
RMS 0.6037
size [# of strips]

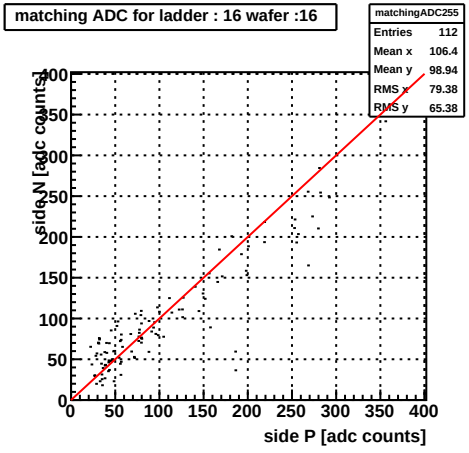

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 188
Mean x 75.75
Mean y 75.66
RMS x 66.78
RMS y 65.44
side N [adc counts]
side P [adc counts]

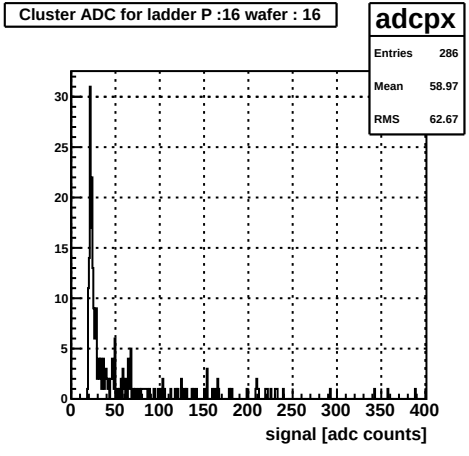

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1420
Mean 32.84
RMS 31.27
signal [adc counts]

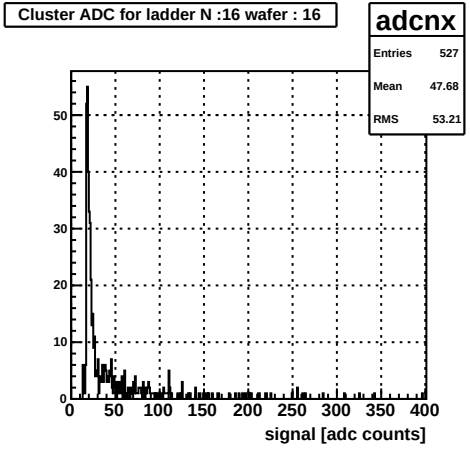

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 1698
Mean 31
RMS 35.87
signal [adc counts]

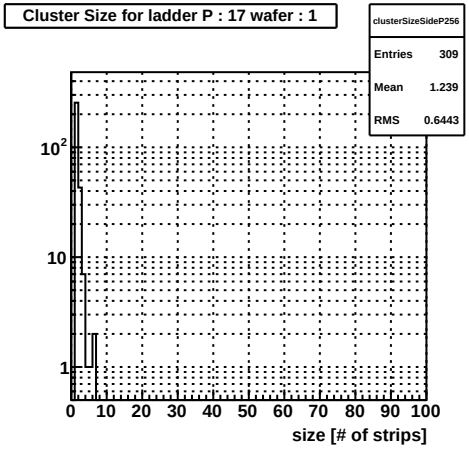

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 286
Mean 1.227
RMS 0.5025
size [# of strips]

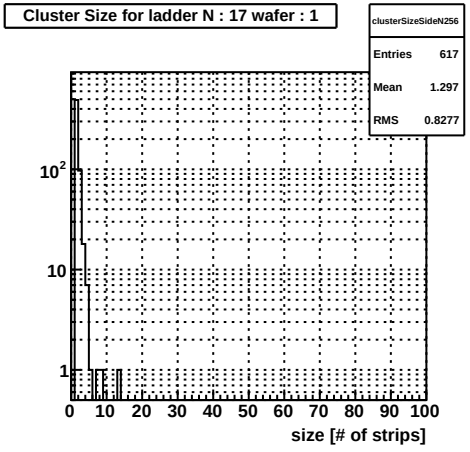

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 527
Mean 1.448
RMS 0.7917
size [# of strips]

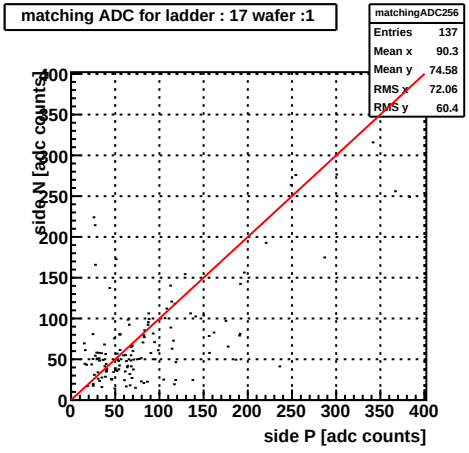

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 112
Mean x 106.4
Mean y 98.94
RMS x 79.38
RMS y 65.38
side N [adc counts]
side P [adc counts]

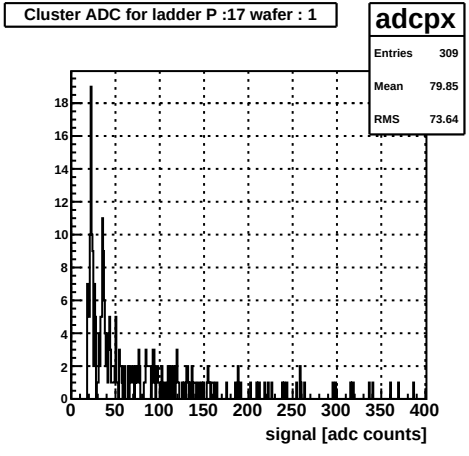

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 286
Mean 58.97
RMS 62.67
signal [adc counts]

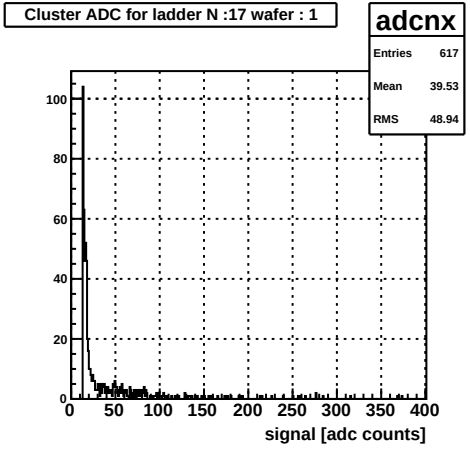

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 527
Mean 47.68
RMS 53.21
signal [adc counts]

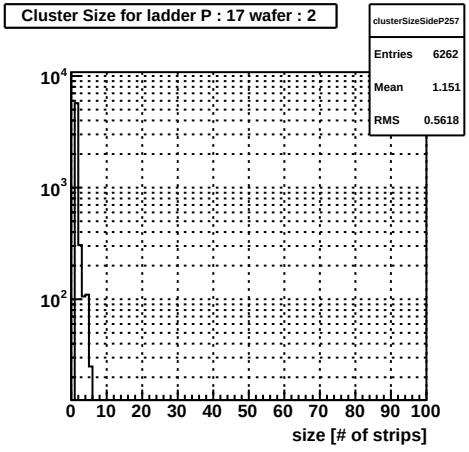

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 309
Mean 1.239
RMS 0.6443
size [# of strips]

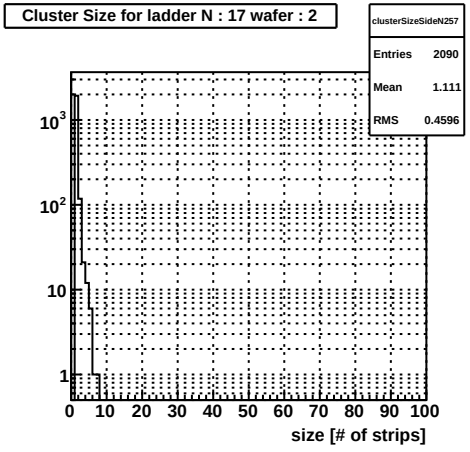

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 617
Mean 1.297
RMS 0.8277
size [# of strips]

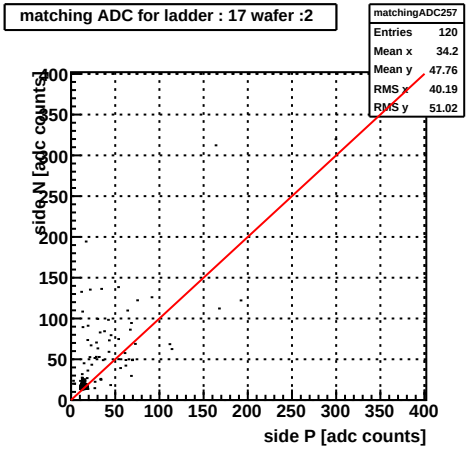

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 137
Mean x 90.3
Mean y 74.58
RMS x 72.06
RMS y 60.4
side N [adc counts]
side P [adc counts]

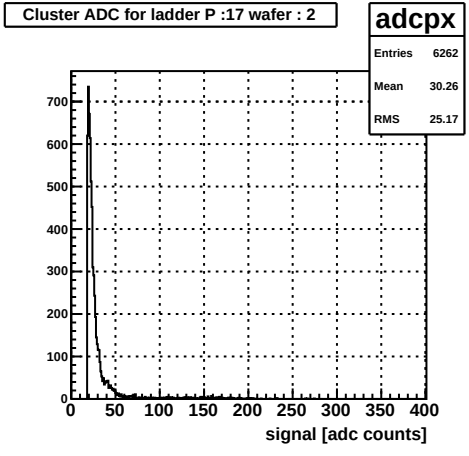

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 309
Mean 79.85
RMS 73.64
signal [adc counts]

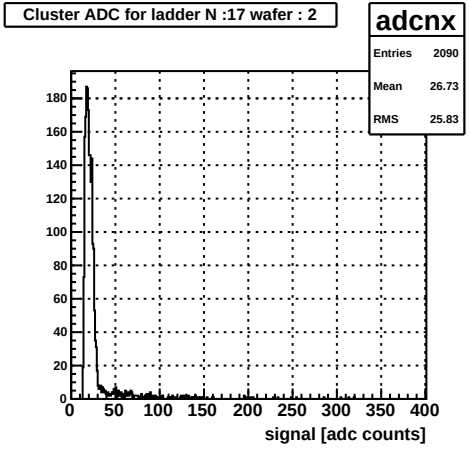

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 617
Mean 39.53
RMS 48.94
signal [adc counts]

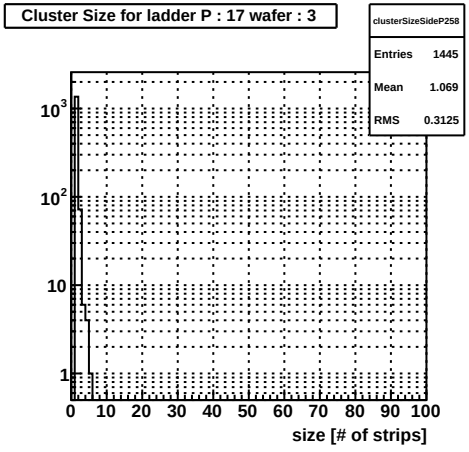

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 6262
Mean 1.151
RMS 0.5618
size [# of strips]

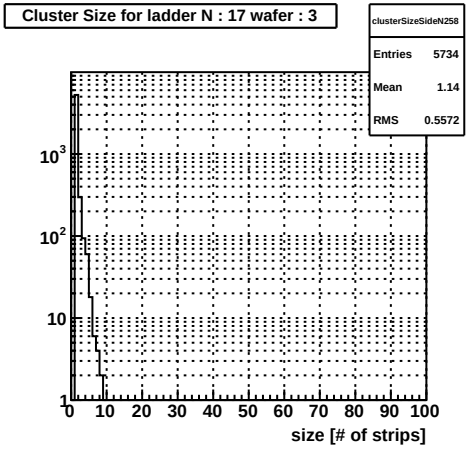

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 2090
Mean 1.111
RMS 0.4596
size [# of strips]

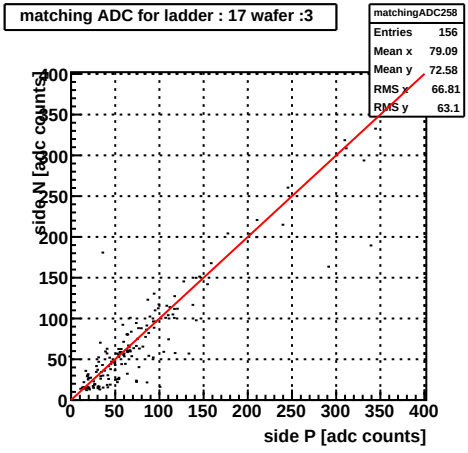

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 120
Mean x 34.2
Mean y 47.76
RMS x 40.19
RMS y 51.02
side N [adc counts]
side P [adc counts]

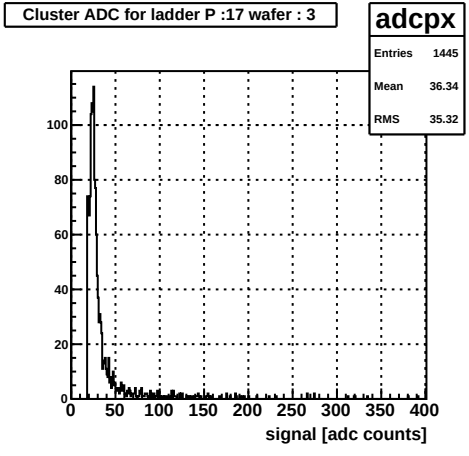

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 6262
Mean 30.26
RMS 25.17
signal [adc counts]

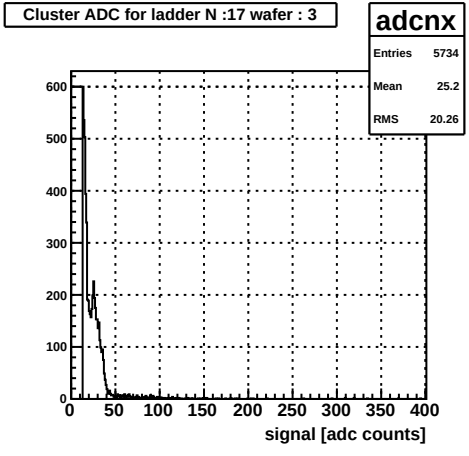

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 2090
Mean 26.73
RMS 25.83
signal [adc counts]

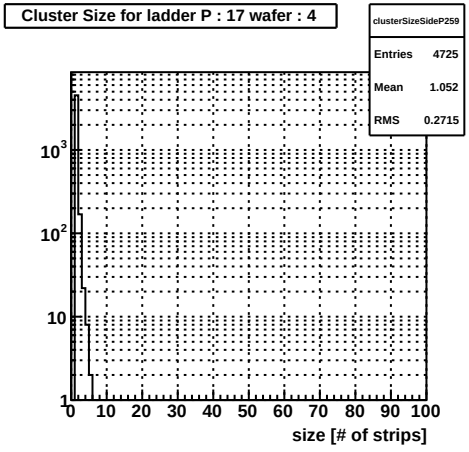

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 1445
Mean 1.069
RMS 0.3125
size [# of strips]

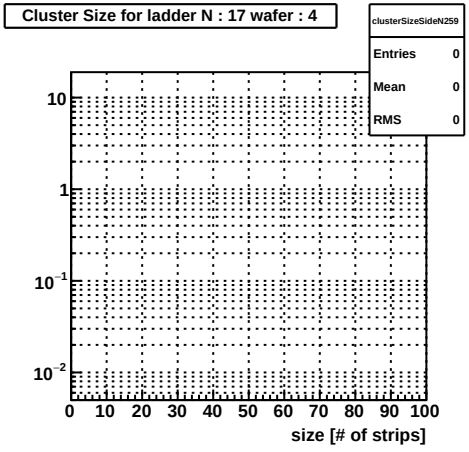

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 5734
Mean 1.14
RMS 0.5572
size [# of strips]

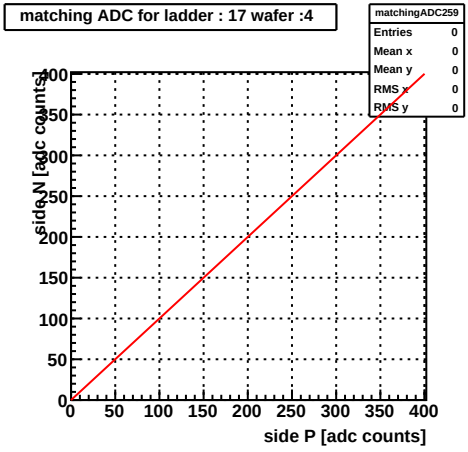

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 156
Mean x 79.09
Mean y 72.58
RMS x 66.81
RMS y 63.1
side N [adc counts]
side P [adc counts]

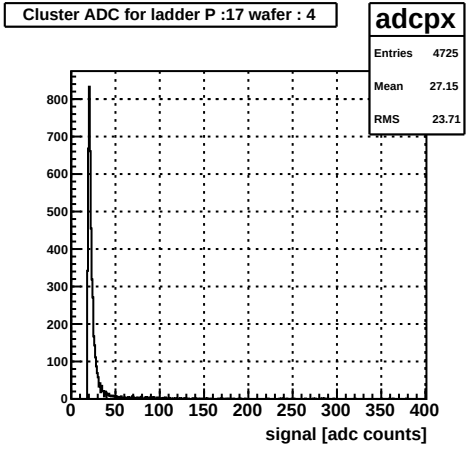

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 1445
Mean 36.34
RMS 35.32
signal [adc counts]

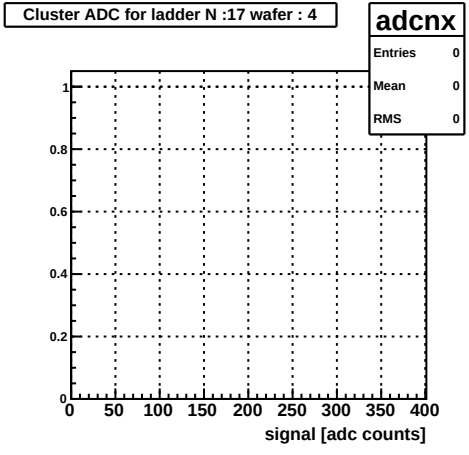

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 5734
Mean 25.2
RMS 20.26
signal [adc counts]

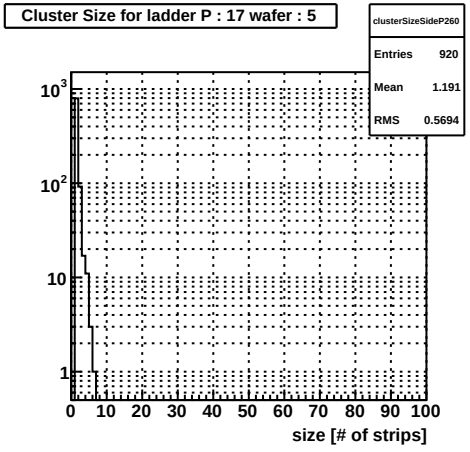

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 4725
Mean 1.052
RMS 0.2715
size [# of strips]

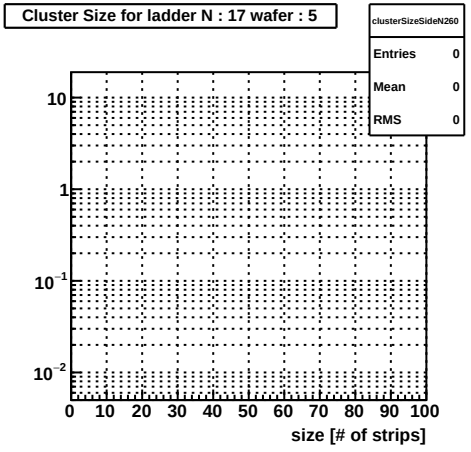

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

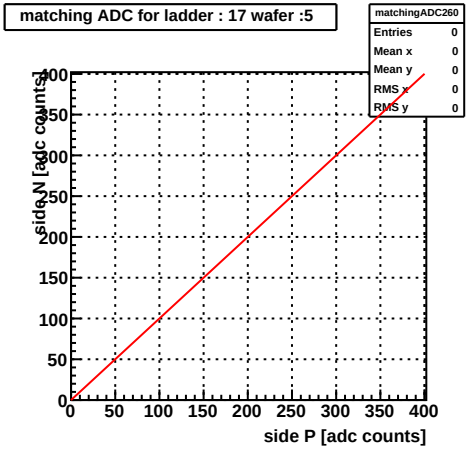

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

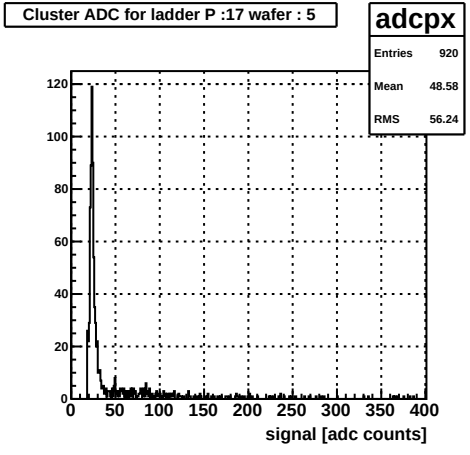

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 4725
Mean 27.15
RMS 23.71
signal [adc counts]

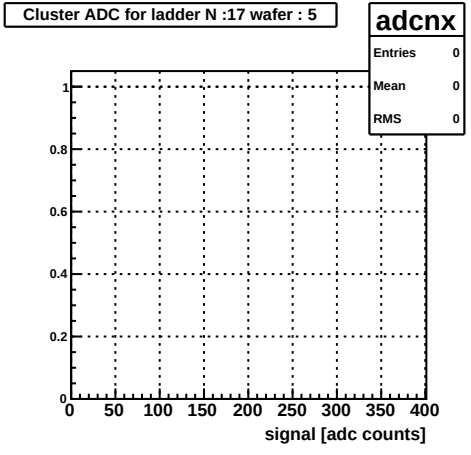

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

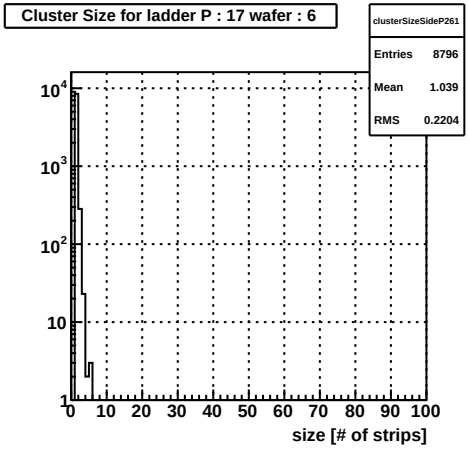

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 920
Mean 1.191
RMS 0.5694
size [# of strips]

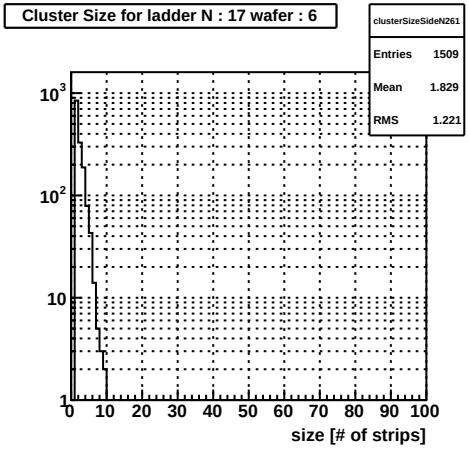

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

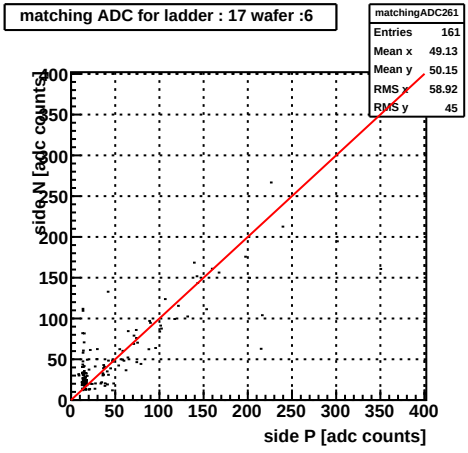

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

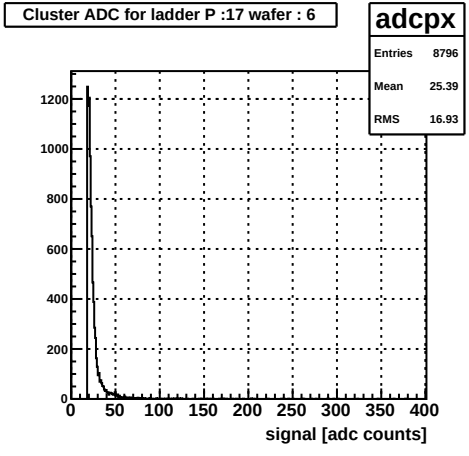

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 920
Mean 48.58
RMS 56.24
signal [adc counts]

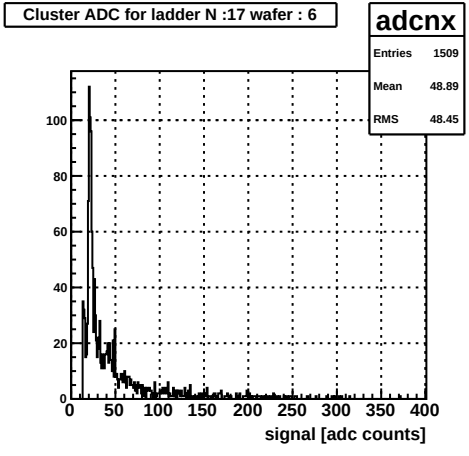

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

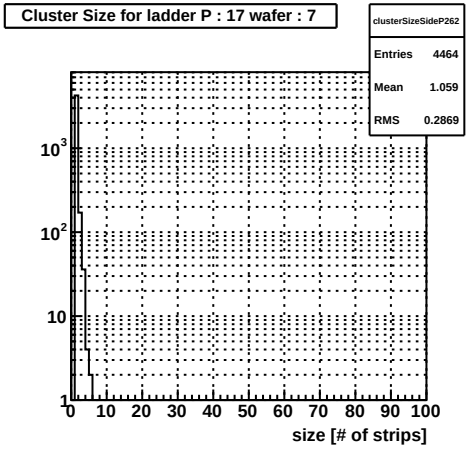

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 8796
Mean 1.039
RMS 0.2204
size [# of strips]

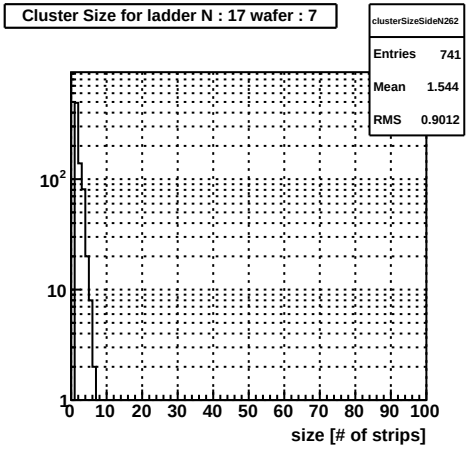

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 1509
Mean 1.829
RMS 1.221
size [# of strips]

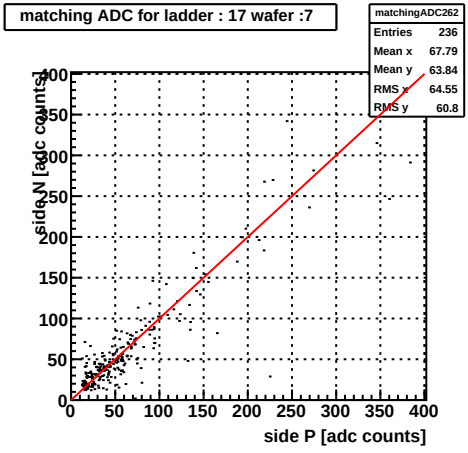

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 161
Mean x 49.13
Mean y 50.15
RMS x 58.92
RMS y 45
side N [adc counts]
side P [adc counts]

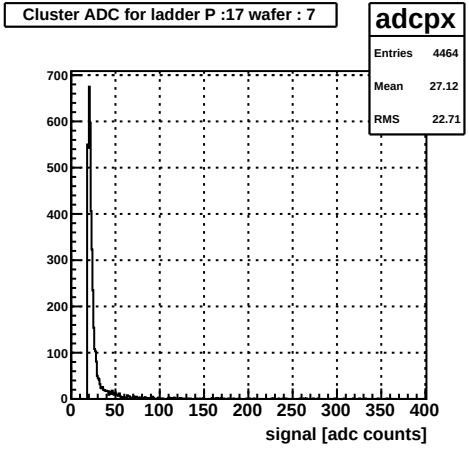

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 8796
Mean 25.39
RMS 16.93
signal [adc counts]

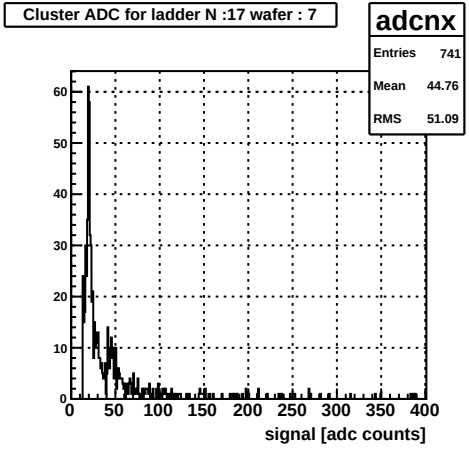

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 1509
Mean 48.89
RMS 48.45
signal [adc counts]

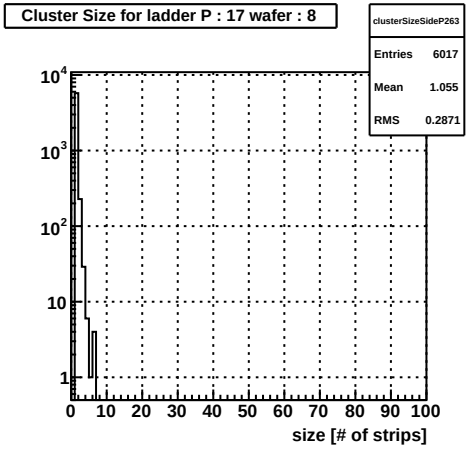

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 4464
Mean 1.059
RMS 0.2869
size [# of strips]

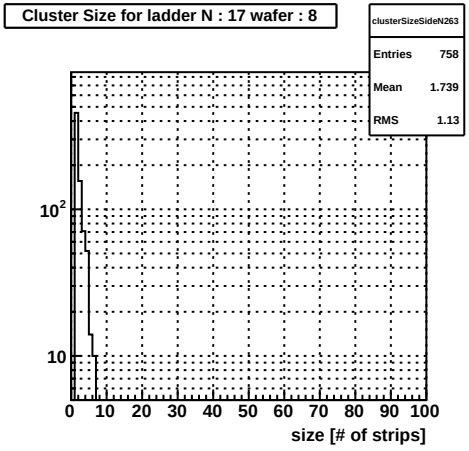

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 741
Mean 1.544
RMS 0.9012
size [# of strips]

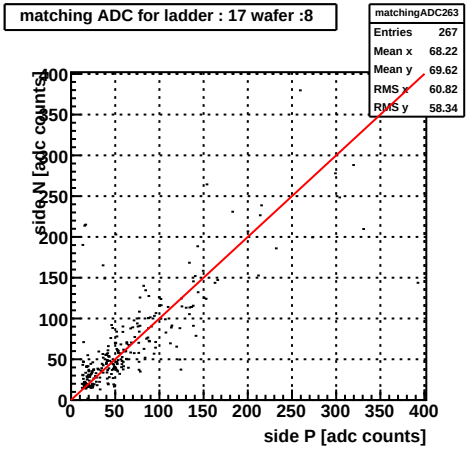

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 236
Mean x 67.79
Mean y 63.84
RMS x 64.55
RMS y 60.8
side N [adc counts]
side P [adc counts]

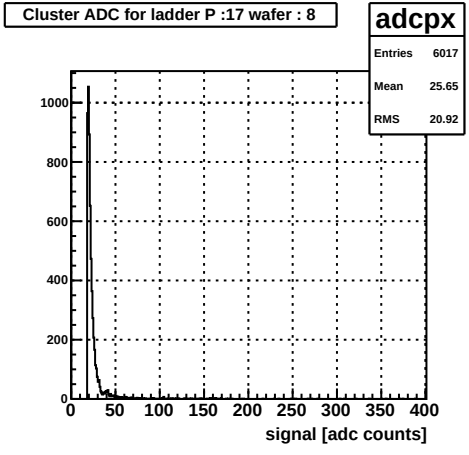

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 4464
Mean 27.12
RMS 22.71
signal [adc counts]

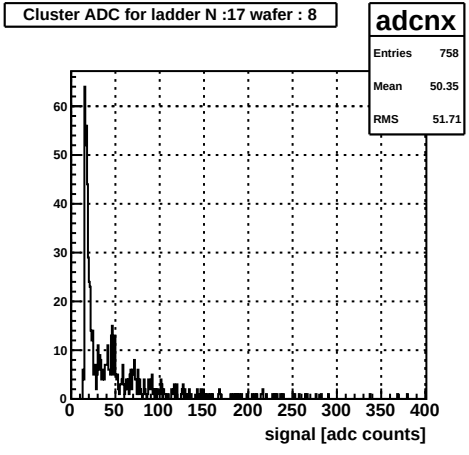

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 741
Mean 44.76
RMS 51.09
signal [adc counts]

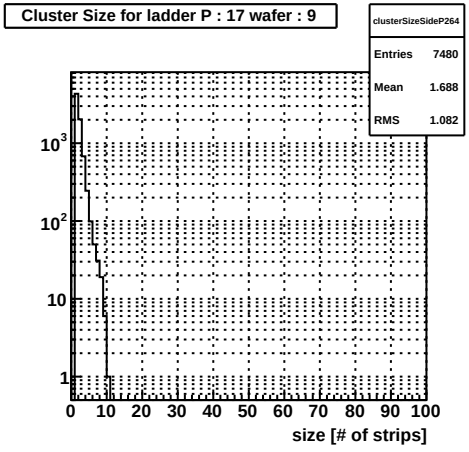

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 6017
Mean 1.055
RMS 0.2871
size [# of strips]

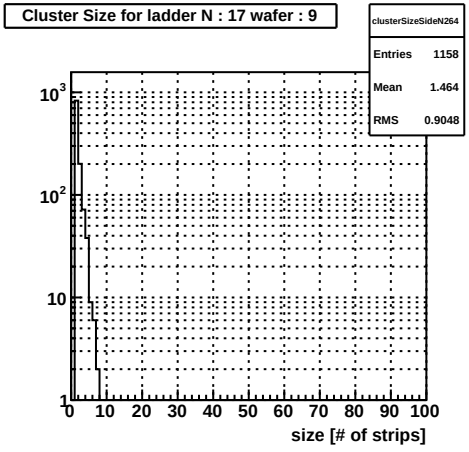

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 758
Mean 1.739
RMS 1.13
size [# of strips]

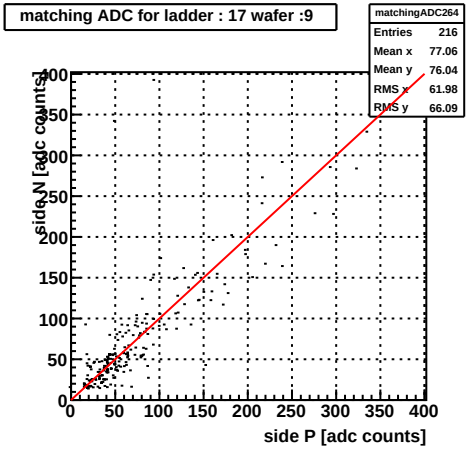

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 267
Mean x 68.22
Mean y 69.62
RMS x 60.82
RMS y 58.34
side N [adc counts]
side P [adc counts]

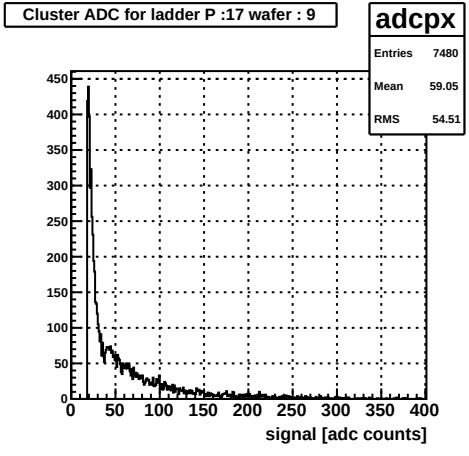

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 6017
Mean 25.65
RMS 20.92
signal [adc counts]

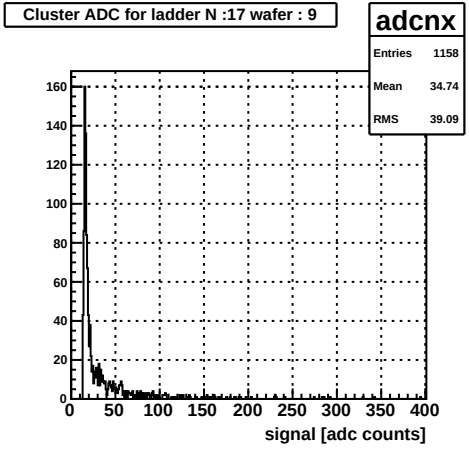

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 758
Mean 50.35
RMS 51.71
signal [adc counts]

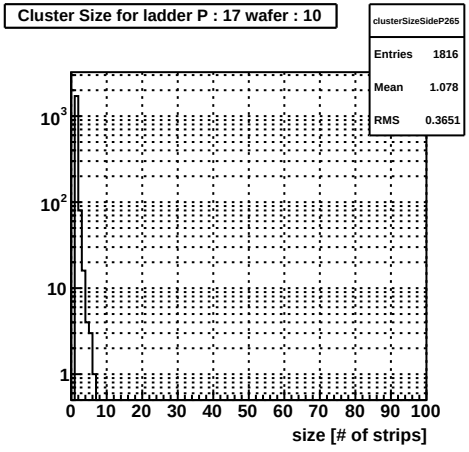

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 7480
Mean 1.688
RMS 1.082
size [# of strips]

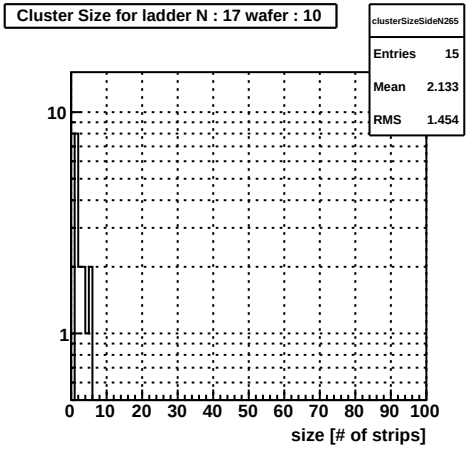

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 1158
Mean 1.464
RMS 0.9048
size [# of strips]

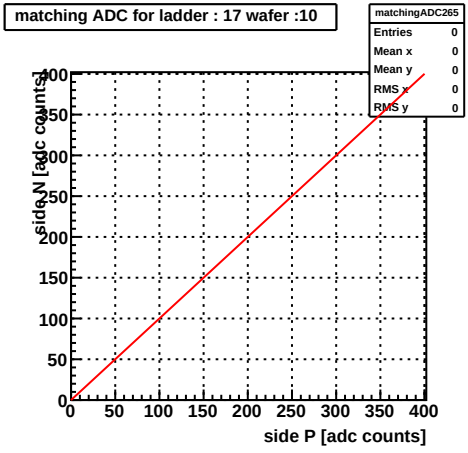

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 216
Mean x 77.06
Mean y 76.04
RMS x 61.98
RMS y 66.09
side N [adc counts]
side P [adc counts]

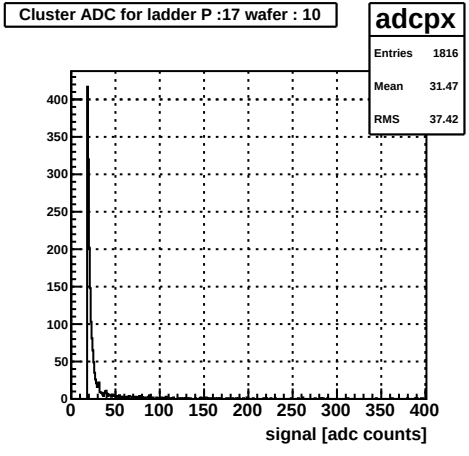

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 7480
Mean 59.05
RMS 54.51
signal [adc counts]

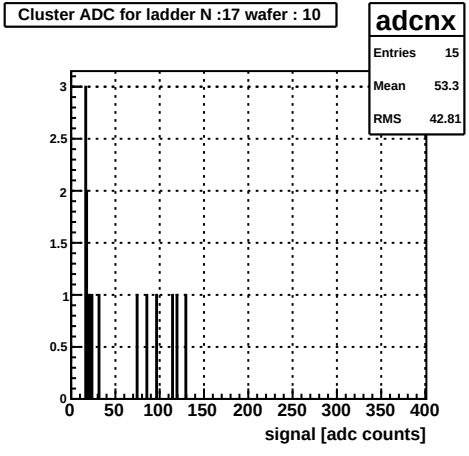

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 1158
Mean 34.74
RMS 39.09
signal [adc counts]

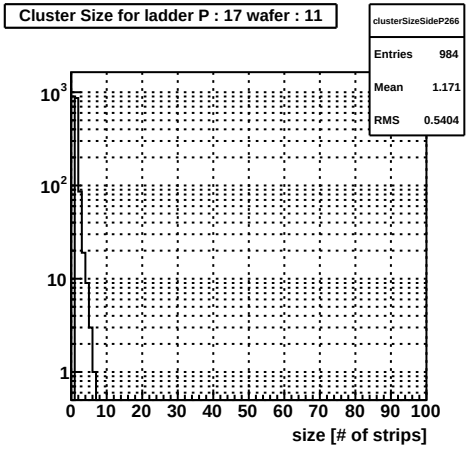

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 1816
Mean 1.078
RMS 0.3651
size [# of strips]

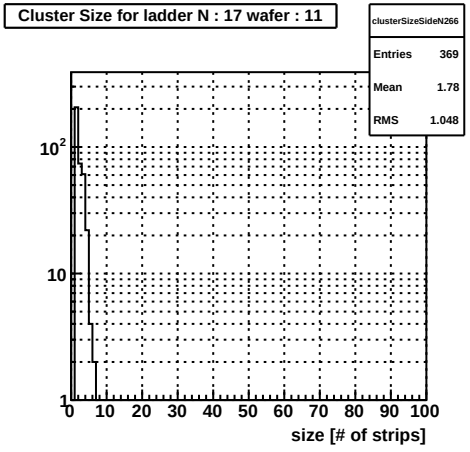

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 15
Mean 2.133
RMS 1.454
size [# of strips]

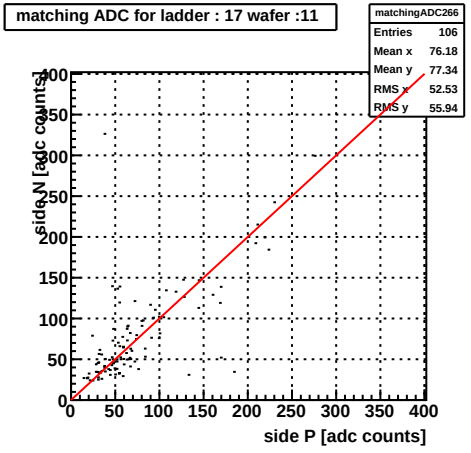

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

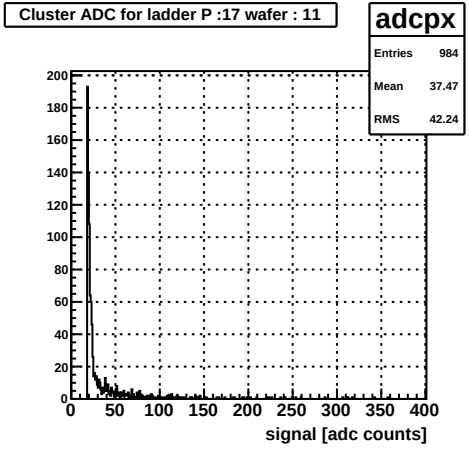

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 1816
Mean 31.47
RMS 37.42
signal [adc counts]

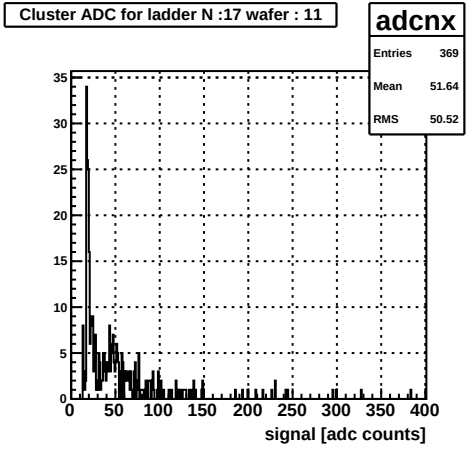

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 15
Mean 53.3
RMS 42.81
signal [adc counts]

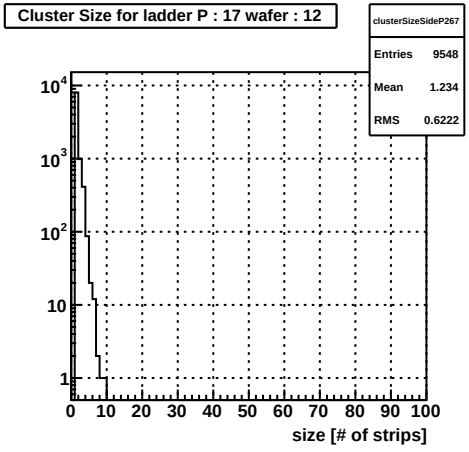

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 984
Mean 1.171
RMS 0.5404
size [# of strips]

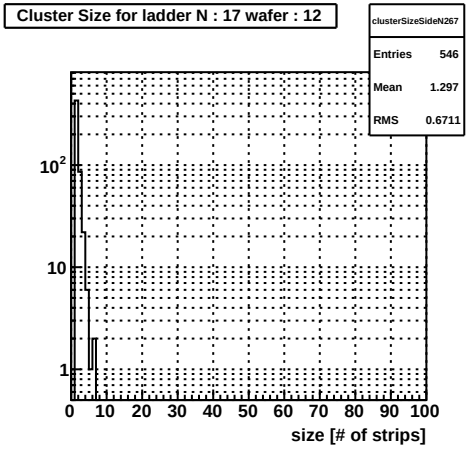

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 369
Mean 1.78
RMS 1.048
size [# of strips]

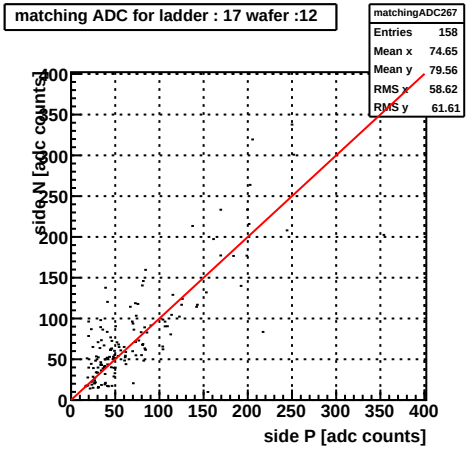

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 106
Mean x 76.18
Mean y 77.34
RMS x 52.53
RMS y 55.94
side N [adc counts]
side P [adc counts]

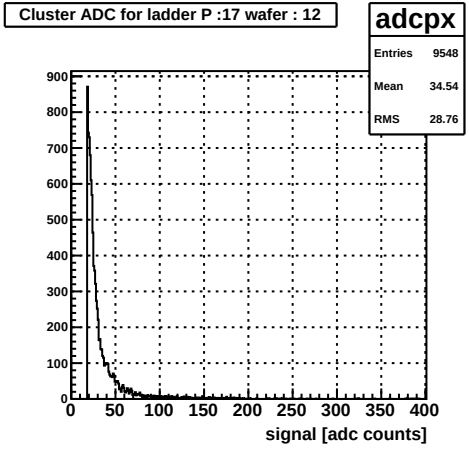

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 984
Mean 37.47
RMS 42.24
signal [adc counts]

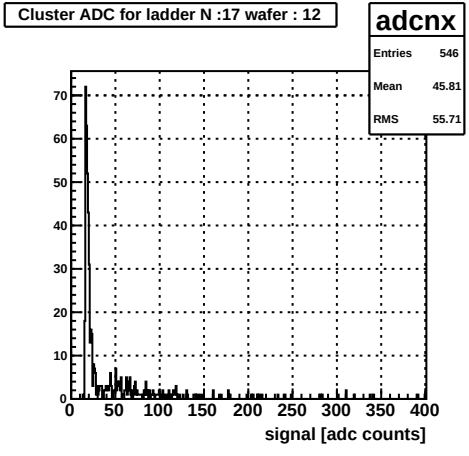

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 369
Mean 51.64
RMS 50.52
signal [adc counts]

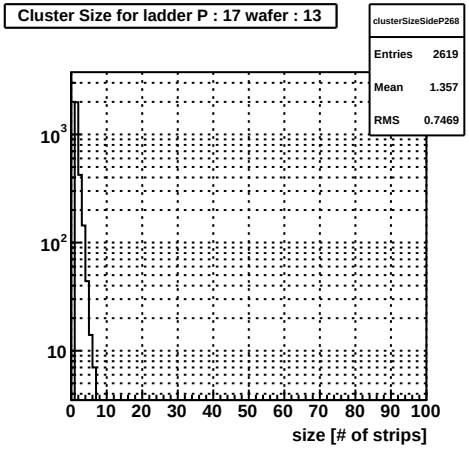

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 9548
Mean 1.234
RMS 0.6222
size [# of strips]

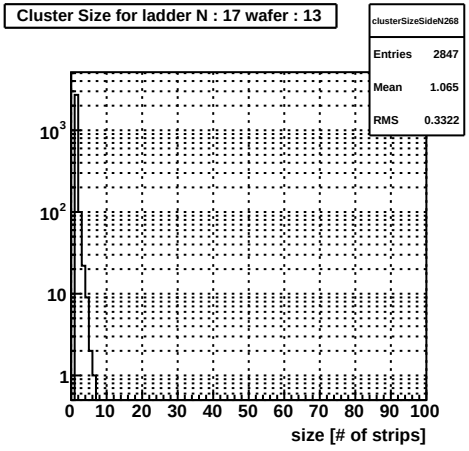

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 546
Mean 1.297
RMS 0.6711
size [# of strips]

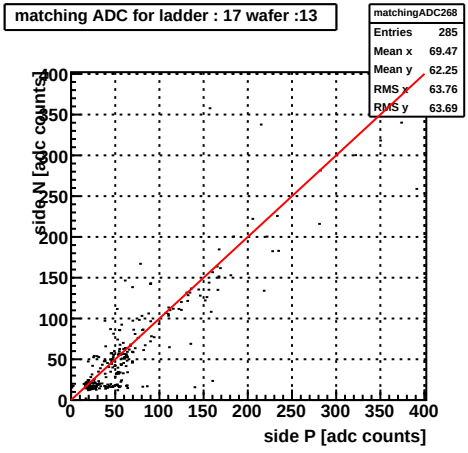

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 158
Mean x 74.65
Mean y 79.56
RMS x 58.62
RMS y 61.61
side N [adc counts]
side P [adc counts]

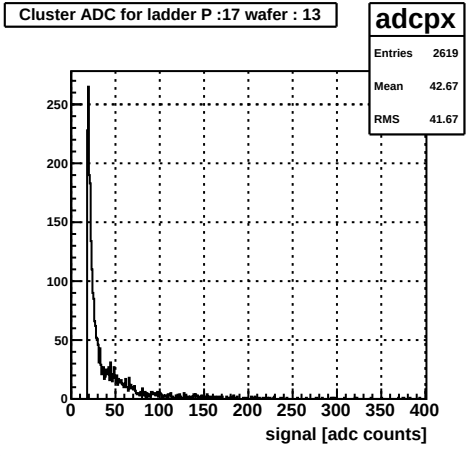

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 9548
Mean 34.54
RMS 28.76
signal [adc counts]

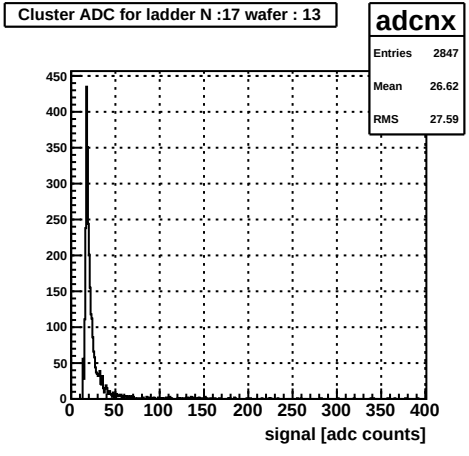

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 546
Mean 45.81
RMS 55.71
signal [adc counts]

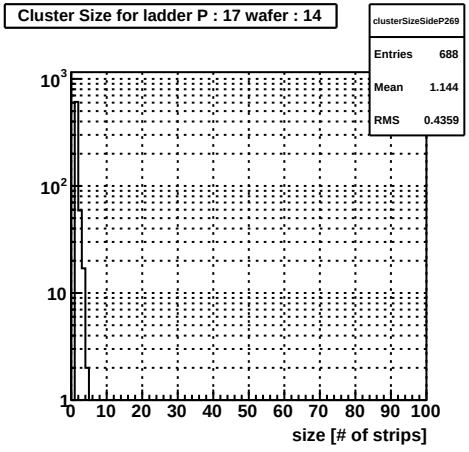

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 2619
Mean 1.357
RMS 0.7469
size [# of strips]

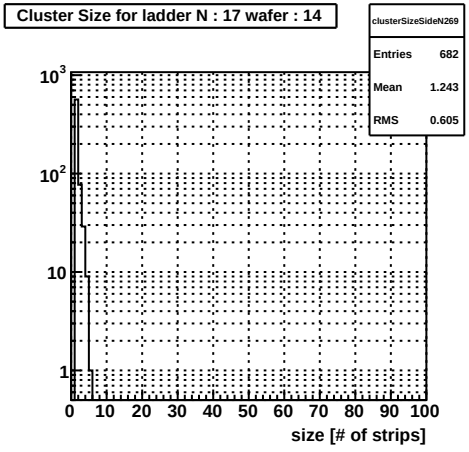

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 2847
Mean 1.065
RMS 0.3322
size [# of strips]

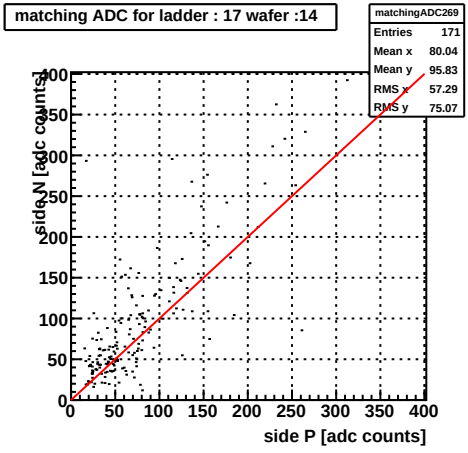

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 285
Mean x 69.47
Mean y 62.25
RMS x 63.76
RMS y 63.69
side N [adc counts]
side P [adc counts]

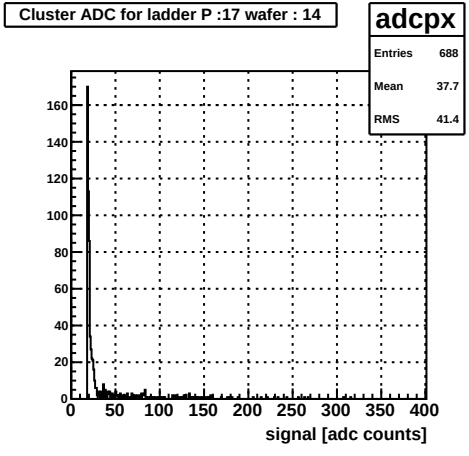

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 2619
Mean 42.67
RMS 41.67
signal [adc counts]

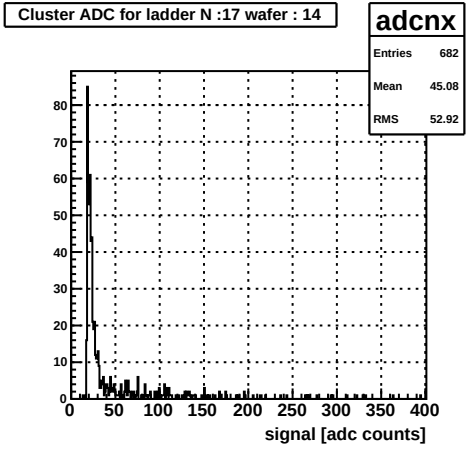

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 2847
Mean 26.62
RMS 27.59
signal [adc counts]

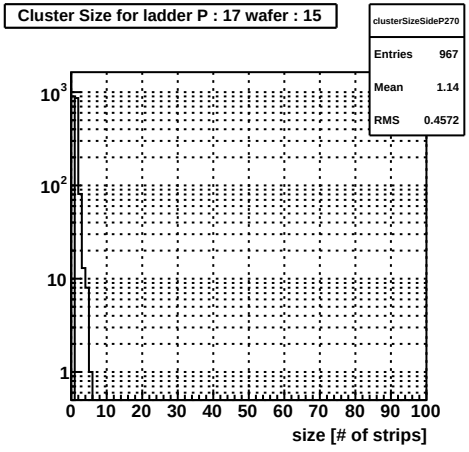

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 688
Mean 1.144
RMS 0.4359
size [# of strips]

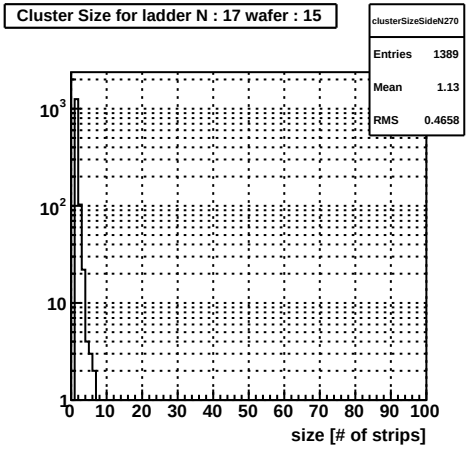

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 682
Mean 1.243
RMS 0.605
size [# of strips]

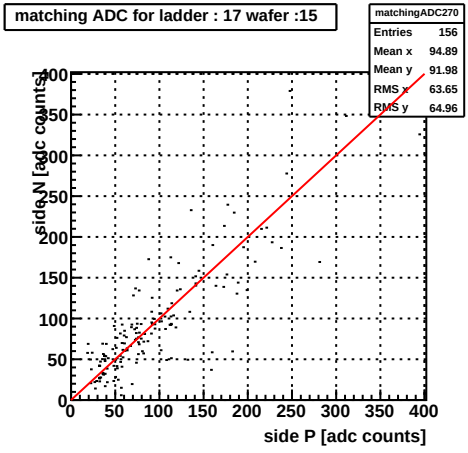

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 171
Mean x 80.04
Mean y 95.83
RMS x 57.29
RMS y 75.07
side N [adc counts]
side P [adc counts]

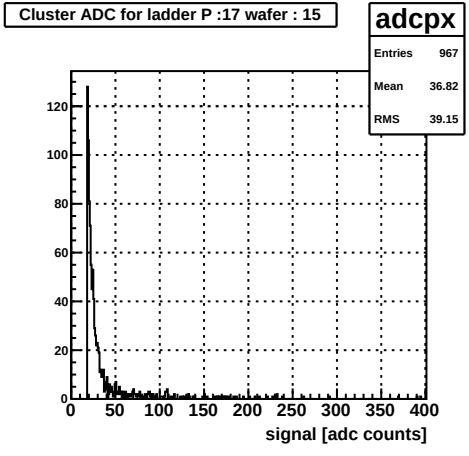

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 688
Mean 37.7
RMS 41.4
signal [adc counts]

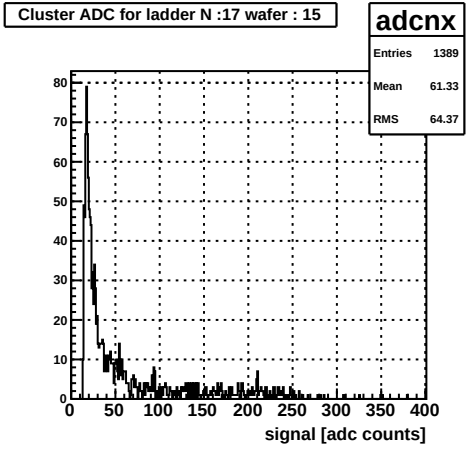

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 682
Mean 45.08
RMS 52.92
signal [adc counts]

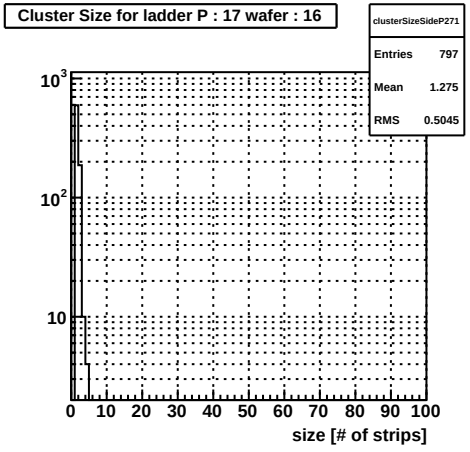

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 967
Mean 1.14
RMS 0.4572
size [# of strips]

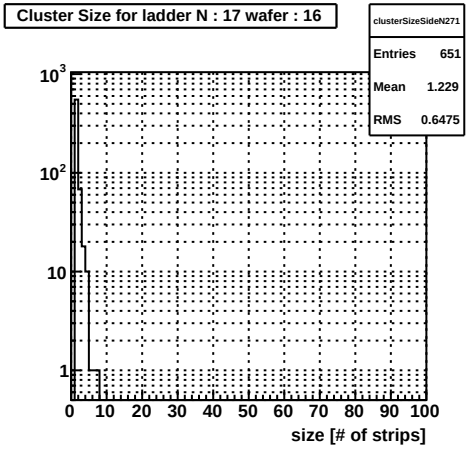

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 1389
Mean 1.13
RMS 0.4658
size [# of strips]

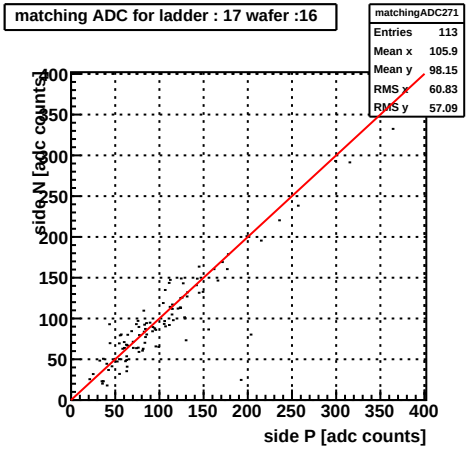

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 156
Mean x 94.89
Mean y 91.98
RMS x 63.65
RMS y 64.96
side N [adc counts]
side P [adc counts]

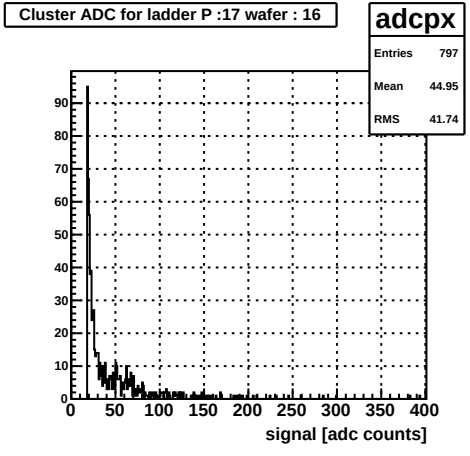

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 967
Mean 36.82
RMS 39.15
signal [adc counts]

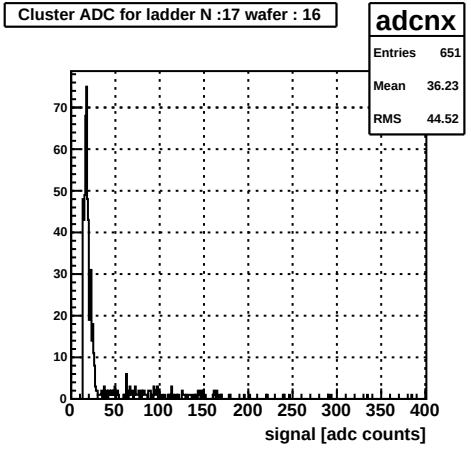

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 1389
Mean 61.33
RMS 64.37
signal [adc counts]

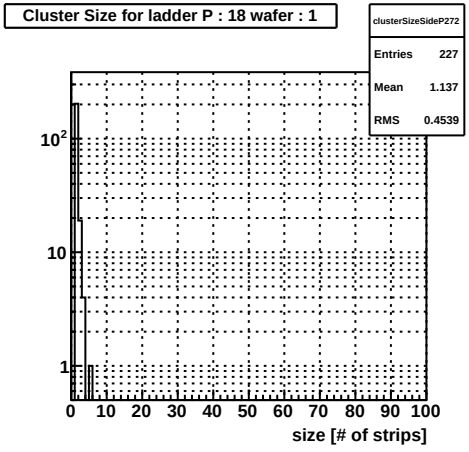

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 797
Mean 1.275
RMS 0.5045
size [# of strips]

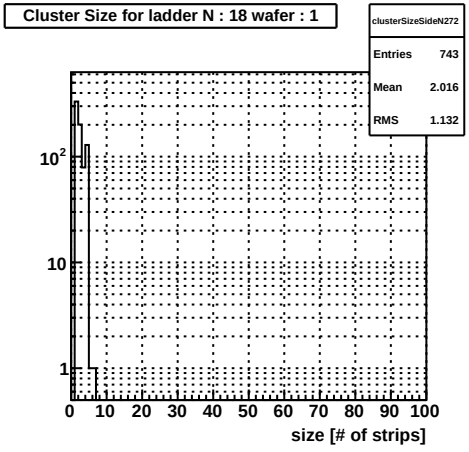

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 651
Mean 1.229
RMS 0.6475
size [# of strips]

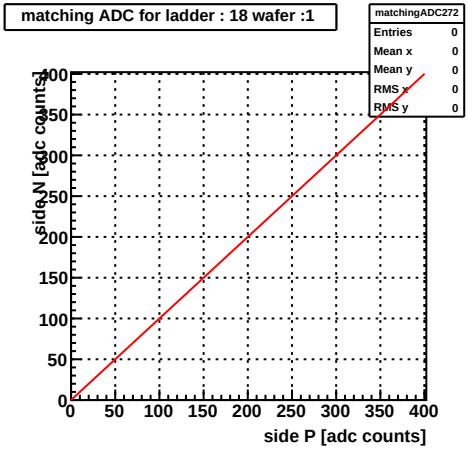

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 113
Mean x 105.9
Mean y 98.15
RMS x 60.83
RMS y 57.09
side N [adc counts]
side P [adc counts]

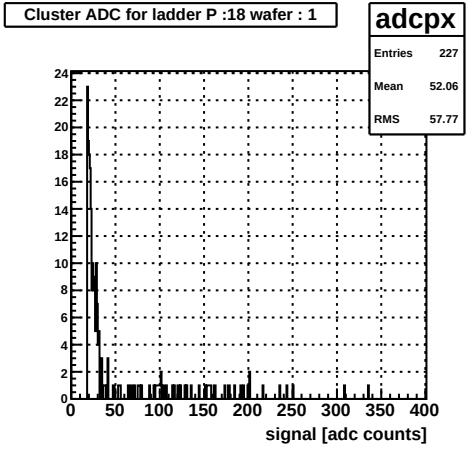

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 797
Mean 44.95
RMS 41.74
signal [adc counts]

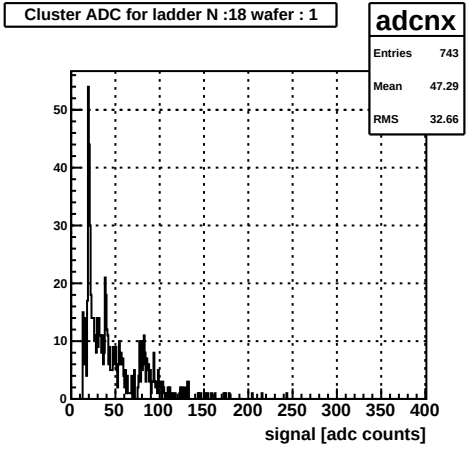

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 651
Mean 36.23
RMS 44.52
signal [adc counts]

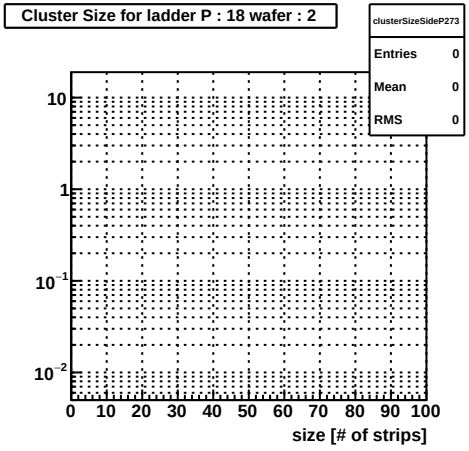

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 227
Mean 1.137
RMS 0.4539
size [# of strips]

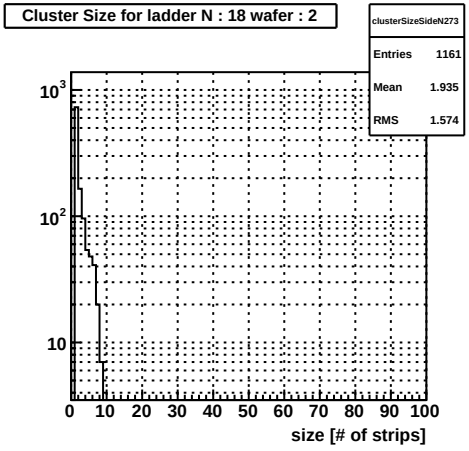

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 743
Mean 2.016
RMS 1.132
size [# of strips]

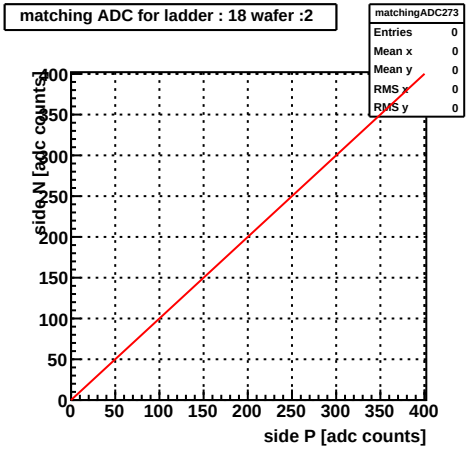

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

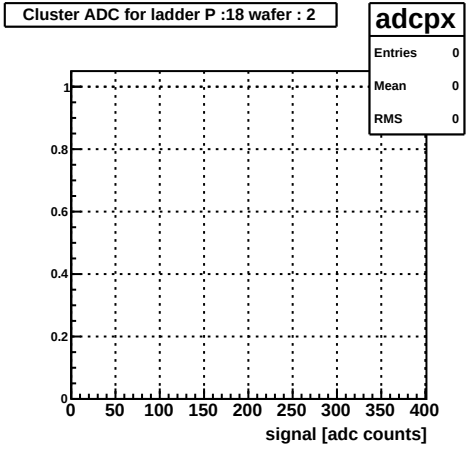

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 227
Mean 52.06
RMS 57.77
signal [adc counts]

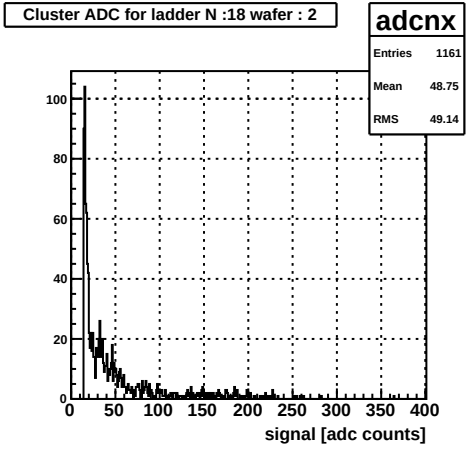

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 743
Mean 47.29
RMS 32.66
signal [adc counts]

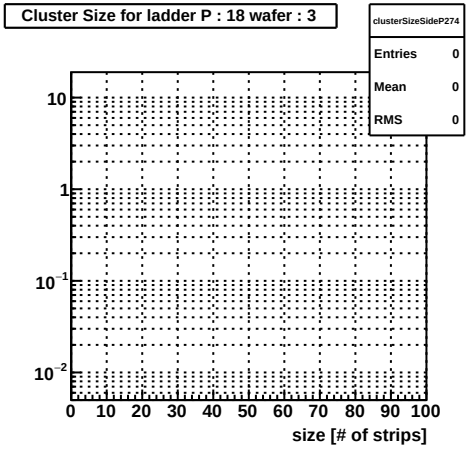

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

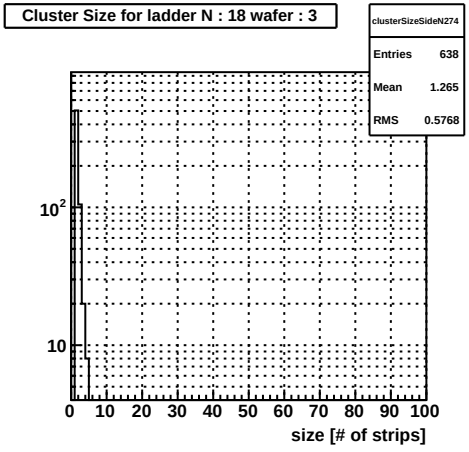

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1161
Mean 1.935
RMS 1.574
size [# of strips]

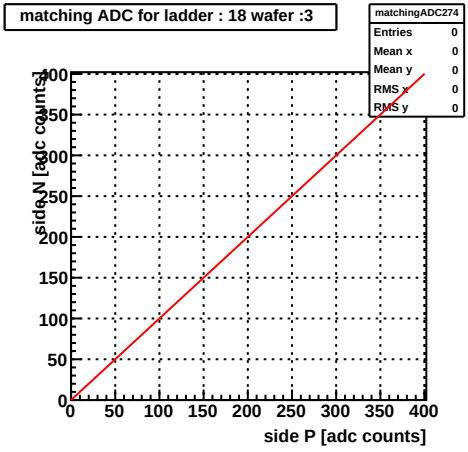

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

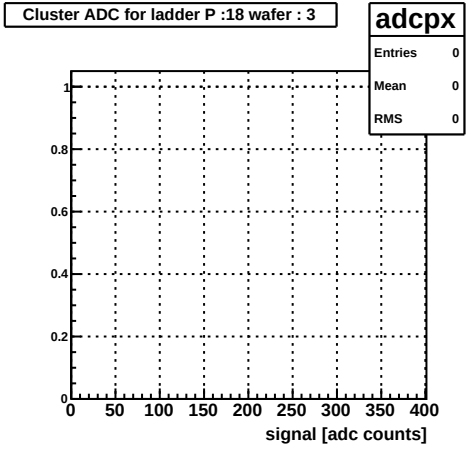

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

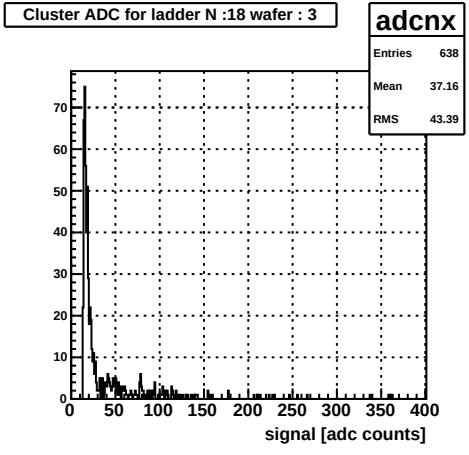

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1161
Mean 48.75
RMS 49.14
signal [adc counts]

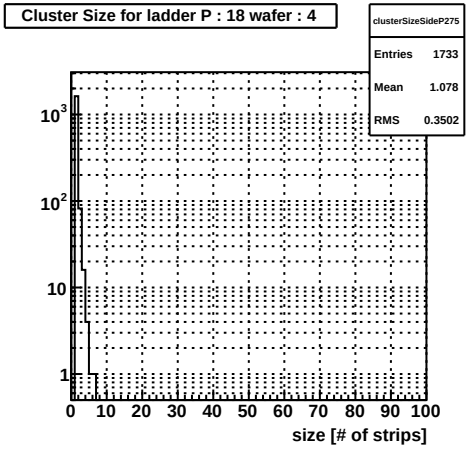

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

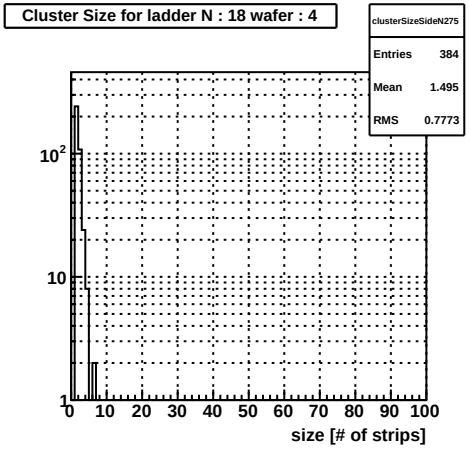

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 638
Mean 1.265
RMS 0.5768
size [# of strips]

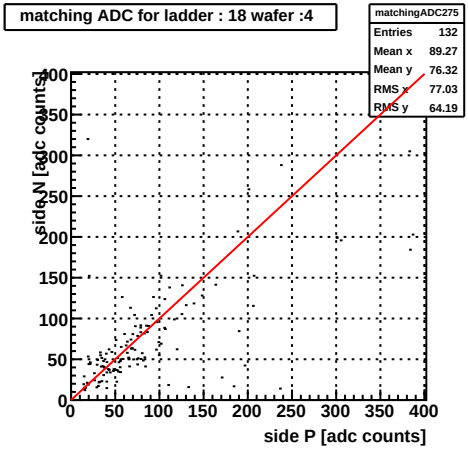

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

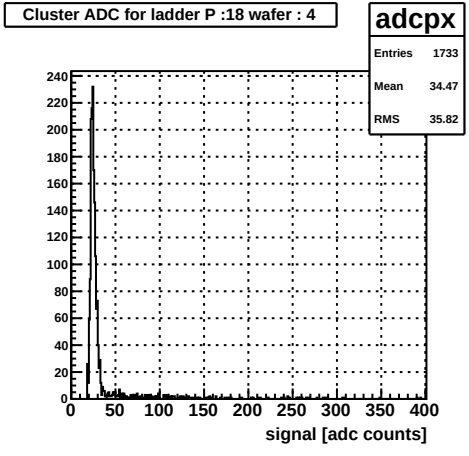

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

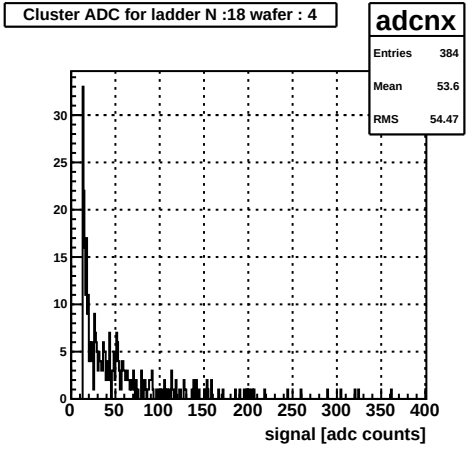

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 638
Mean 37.16
RMS 43.39
signal [adc counts]

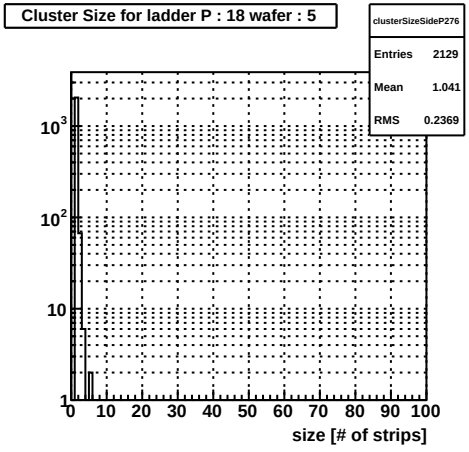

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 1733
Mean 1.078
RMS 0.3502
size [# of strips]

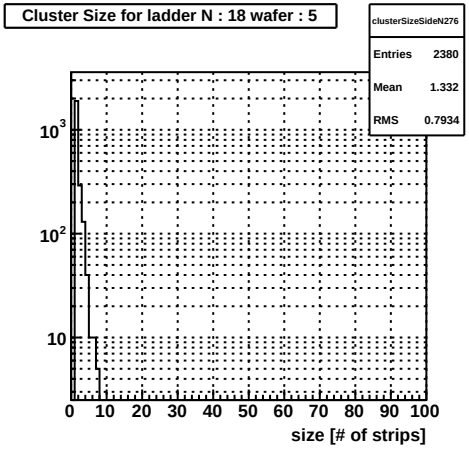

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 384
Mean 1.495
RMS 0.7773
size [# of strips]

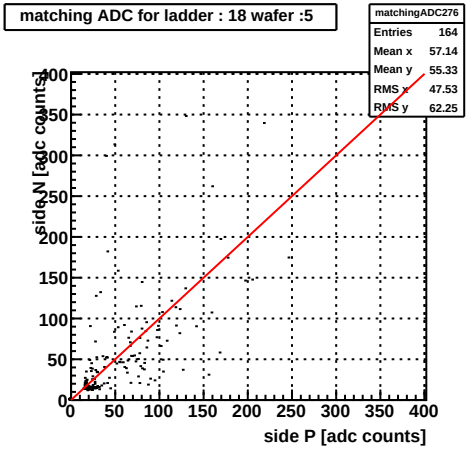

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 132
Mean x 89.27
Mean y 76.32
RMS x 77.03
RMS y 64.19
side N [adc counts]
side P [adc counts]

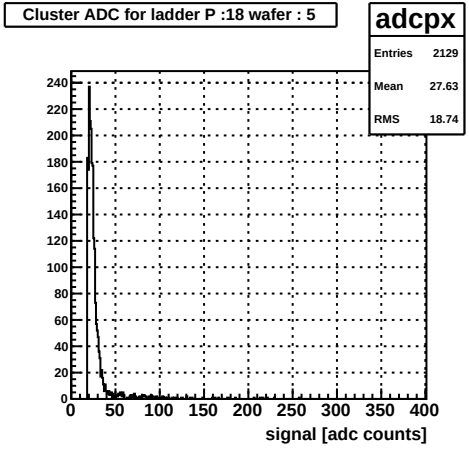

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 1733
Mean 34.47
RMS 35.82
signal [adc counts]

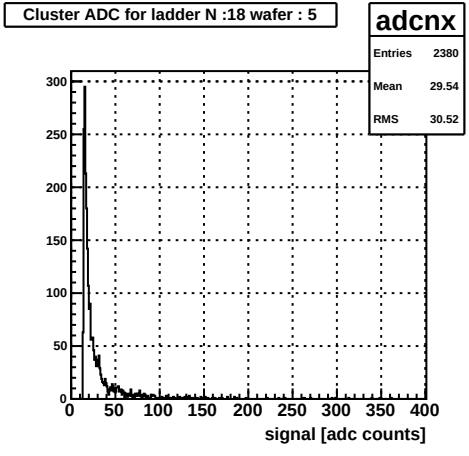

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 384
Mean 53.6
RMS 54.47
signal [adc counts]

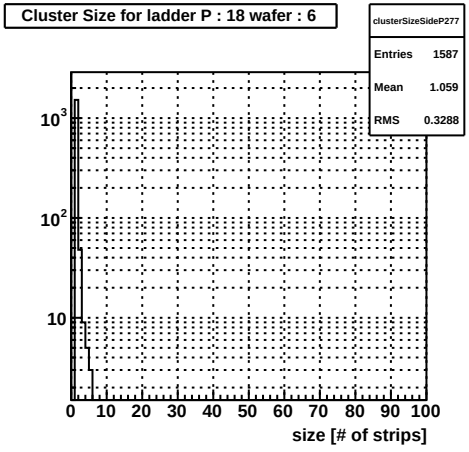

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 2129
Mean 1.041
RMS 0.2369
size [# of strips]

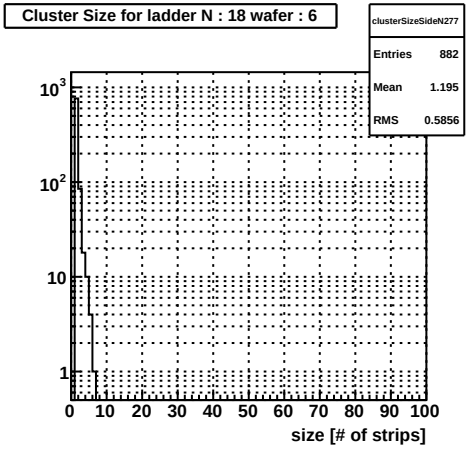

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 2380
Mean 1.332
RMS 0.7934
size [# of strips]

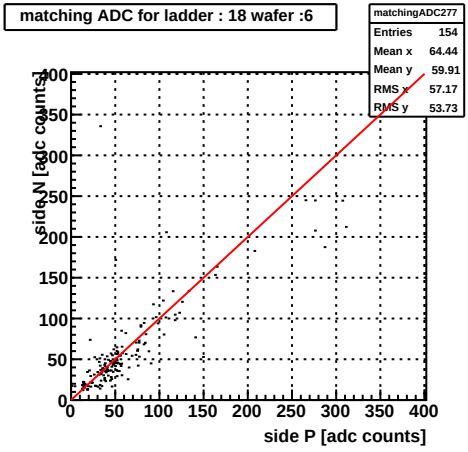

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 164
Mean x 57.14
Mean y 55.33
RMS x 47.53
RMS y 62.25
side N [adc counts]
side P [adc counts]

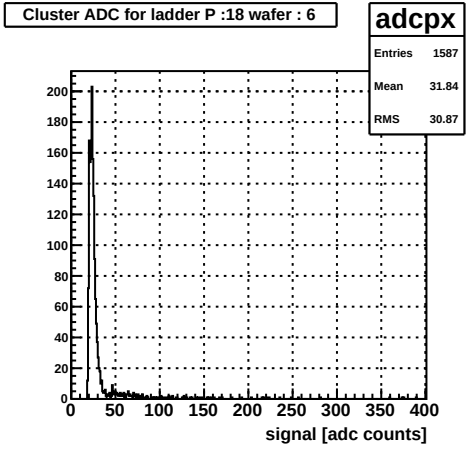

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 2129
Mean 27.63
RMS 18.74
signal [adc counts]

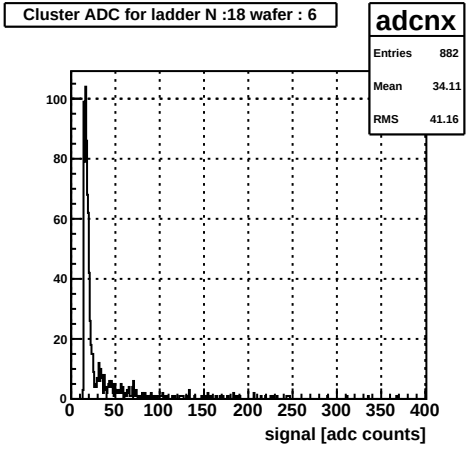

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 2380
Mean 29.54
RMS 30.52
signal [adc counts]

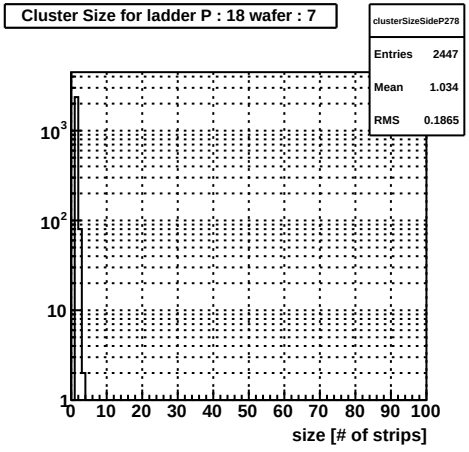

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1587
Mean 1.059
RMS 0.3288
size [# of strips]

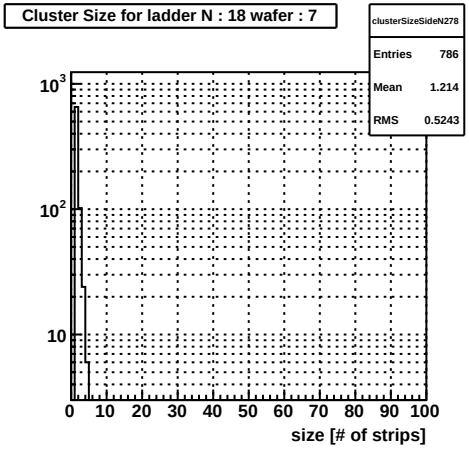

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 882
Mean 1.195
RMS 0.5856
size [# of strips]

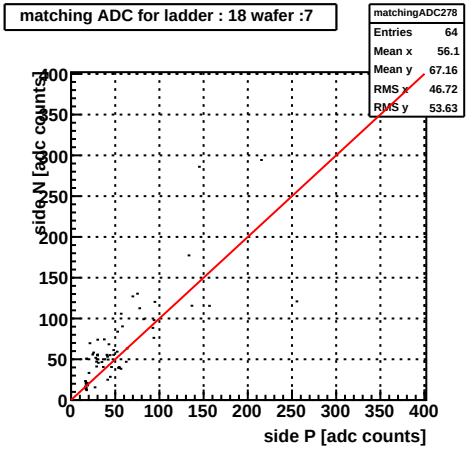

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 154
Mean x 64.44
Mean y 59.91
RMS x 57.17
RMS y 53.73
side N [adc counts]
side P [adc counts]

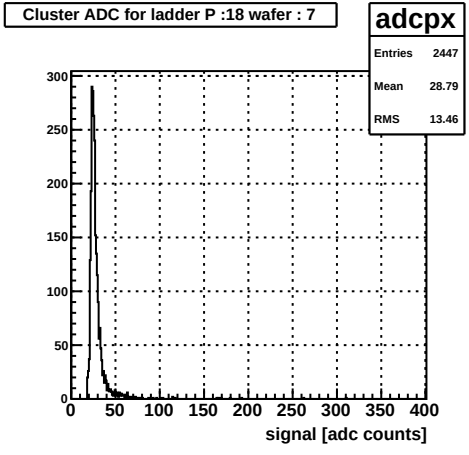

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1587
Mean 31.84
RMS 30.87
signal [adc counts]

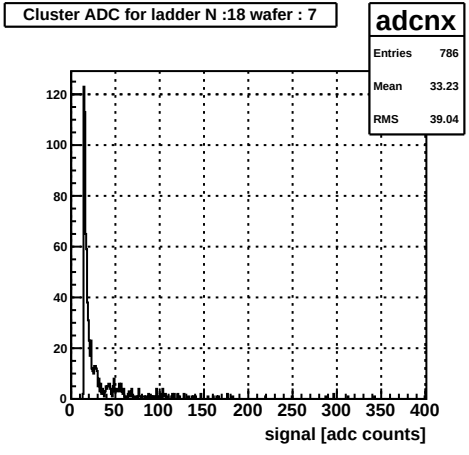

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 882
Mean 34.11
RMS 41.16
signal [adc counts]

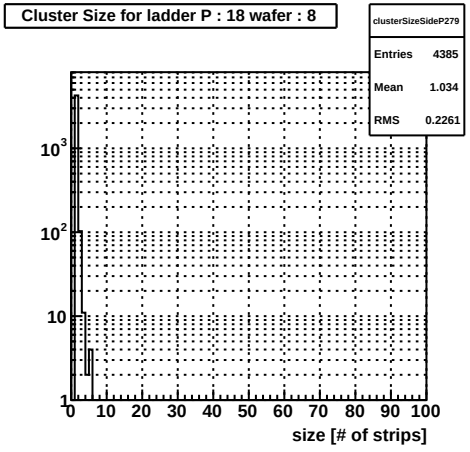

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 2447
Mean 1.034
RMS 0.1865
size [# of strips]

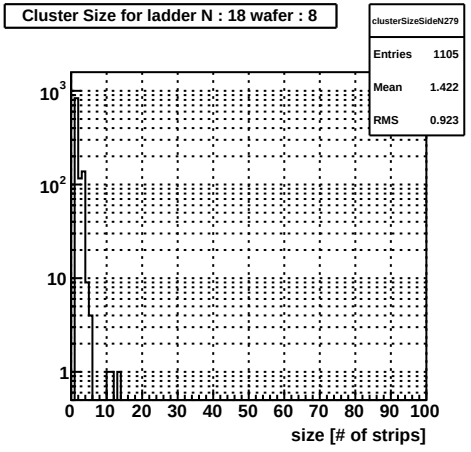

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 786
Mean 1.214
RMS 0.5243
size [# of strips]

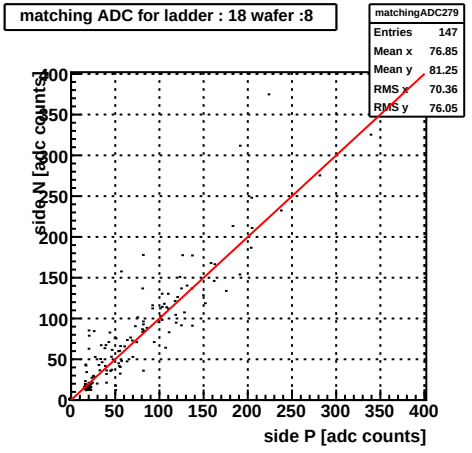

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 64
Mean x 56.1
Mean y 67.16
RMS x 46.72
RMS y 53.63
side N [adc counts]
side P [adc counts]

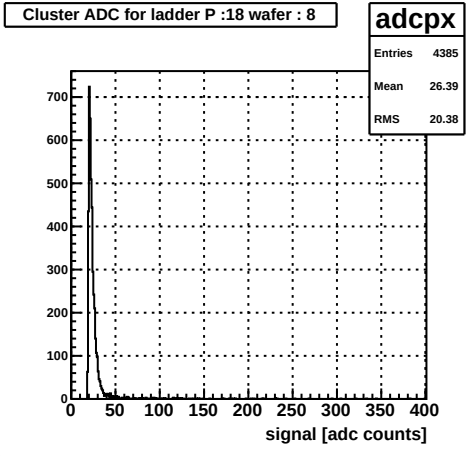

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 2447
Mean 28.79
RMS 13.46
signal [adc counts]

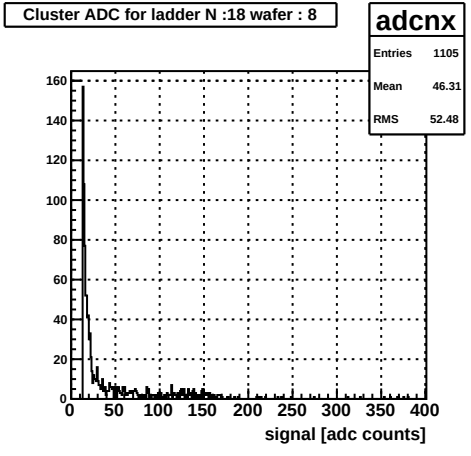

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 786
Mean 33.23
RMS 39.04
signal [adc counts]

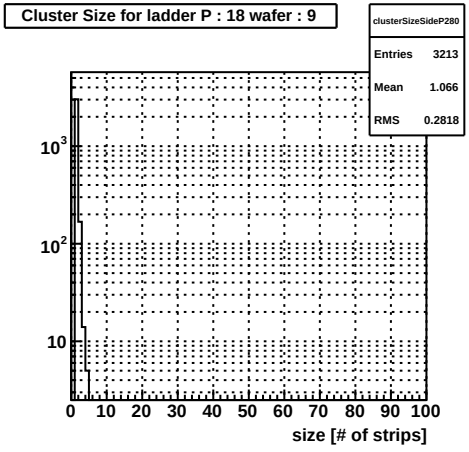

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 4385
Mean 1.034
RMS 0.2261
size [# of strips]

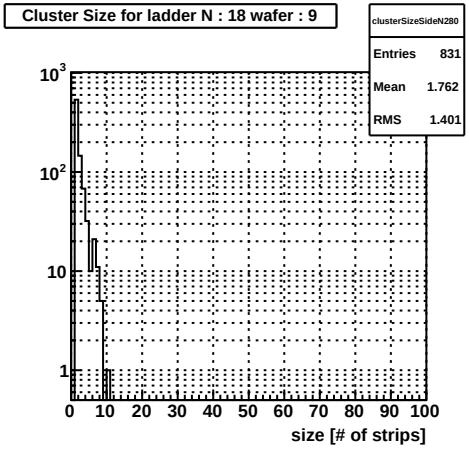

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1105
Mean 1.422
RMS 0.923
size [# of strips]

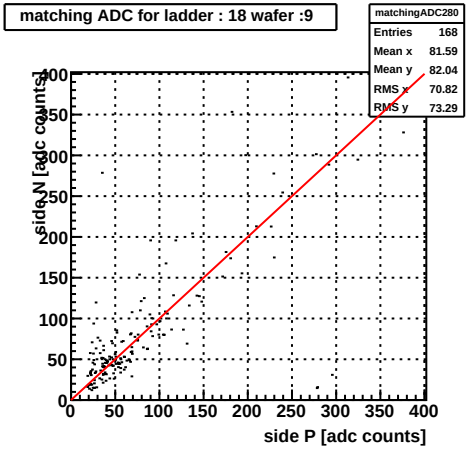

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 147
Mean x 76.85
Mean y 81.25
RMS x 70.36
RMS y 76.05
side N [adc counts]
side P [adc counts]

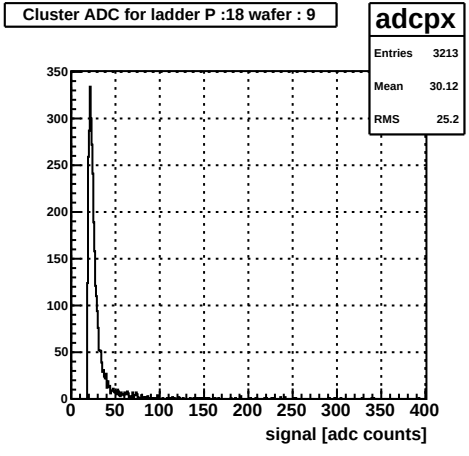

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 4385
Mean 26.39
RMS 20.38
signal [adc counts]

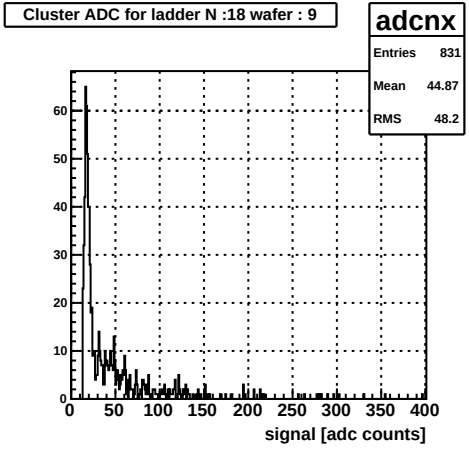

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1105
Mean 46.31
RMS 52.48
signal [adc counts]

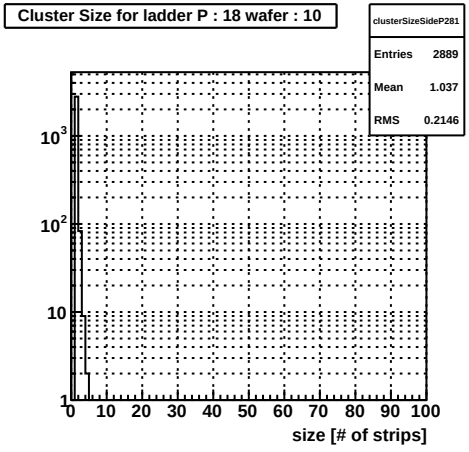

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 3213
Mean 1.066
RMS 0.2818
size [# of strips]

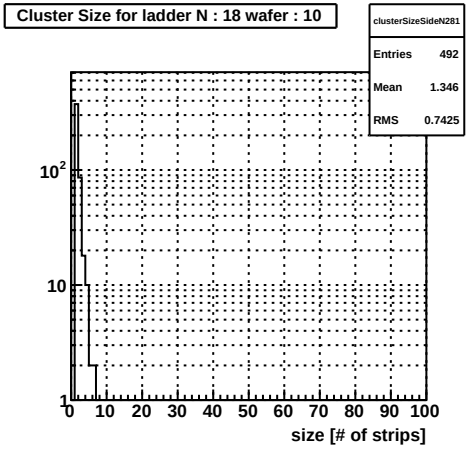

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 831
Mean 1.762
RMS 1.401
size [# of strips]

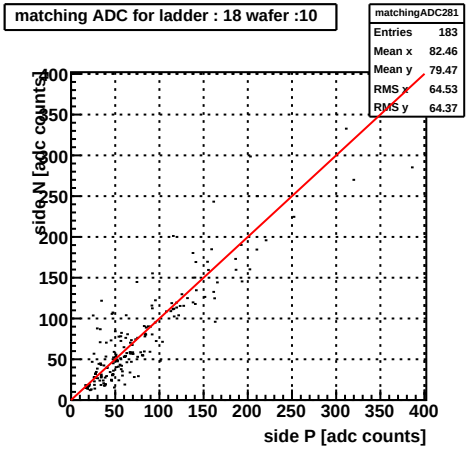

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 168
Mean x 81.59
Mean y 82.04
RMS x 70.82
RMS y 73.29
side N [adc counts]
side P [adc counts]

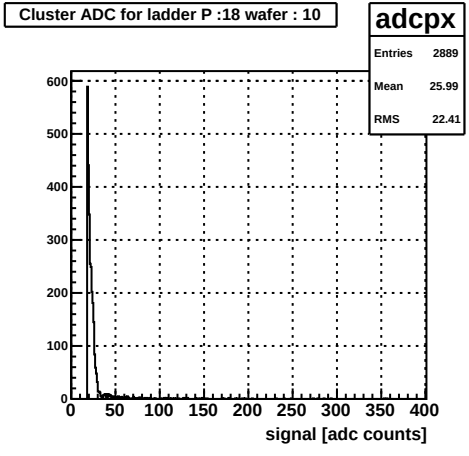

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 3213
Mean 30.12
RMS 25.2
signal [adc counts]

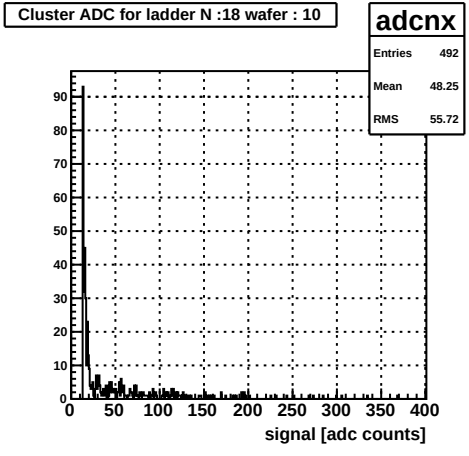

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 831
Mean 44.87
RMS 48.2
signal [adc counts]

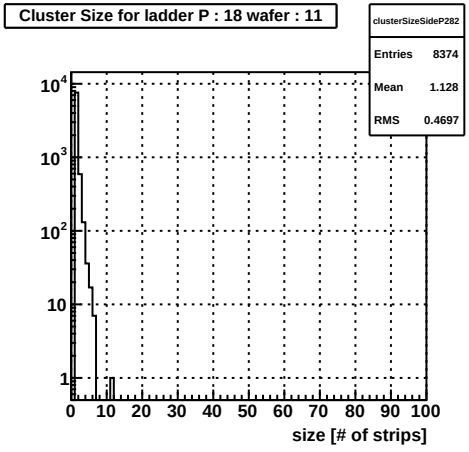

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 2889
Mean 1.037
RMS 0.2146
size [# of strips]

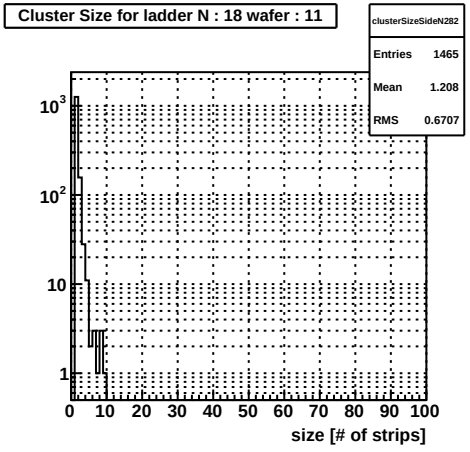

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 492
Mean 1.346
RMS 0.7425
size [# of strips]

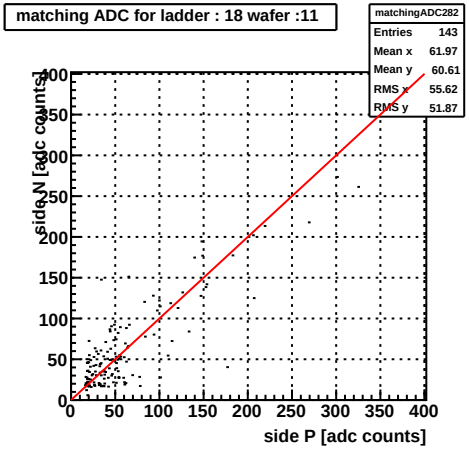

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 183
Mean x 82.46
Mean y 79.47
RMS x 64.53
RMS y 64.37
side N [adc counts]
side P [adc counts]

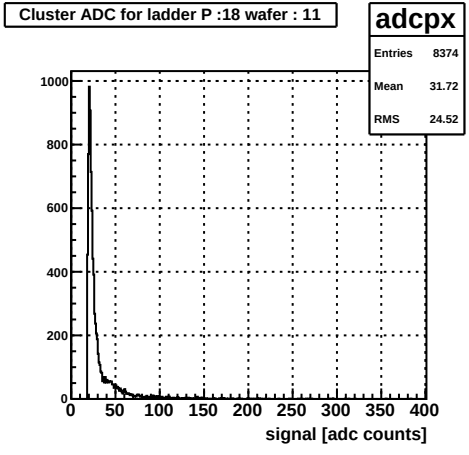

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 2889
Mean 25.99
RMS 22.41
signal [adc counts]

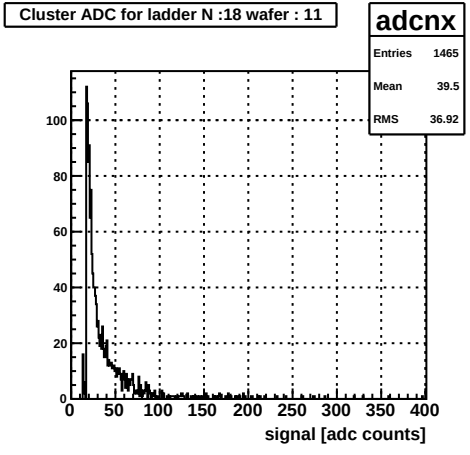

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 492
Mean 48.25
RMS 55.72
signal [adc counts]

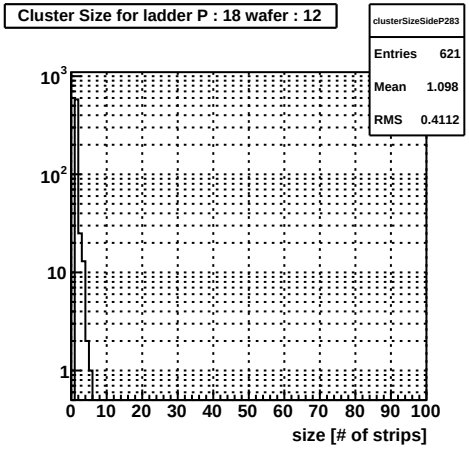

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 8374
Mean 1.128
RMS 0.4697
size [# of strips]

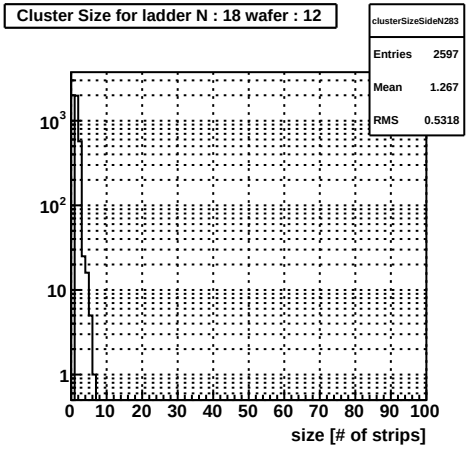

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 1465
Mean 1.208
RMS 0.6707
size [# of strips]

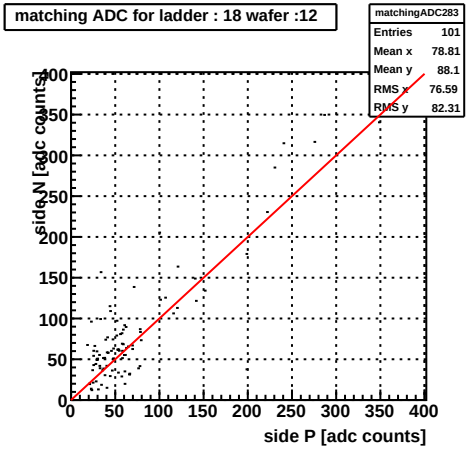

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 143
Mean x 61.97
Mean y 60.61
RMS x 55.62
RMS y 51.87
side N [adc counts]
side P [adc counts]

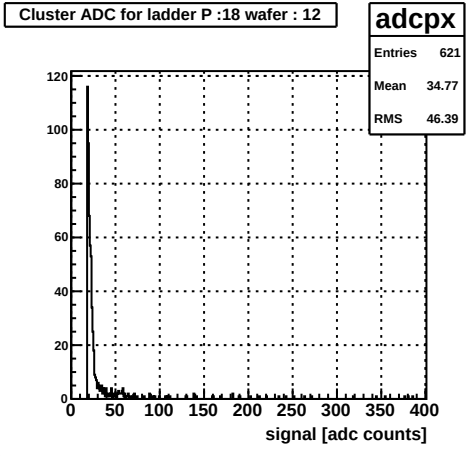

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 8374
Mean 31.72
RMS 24.52
signal [adc counts]

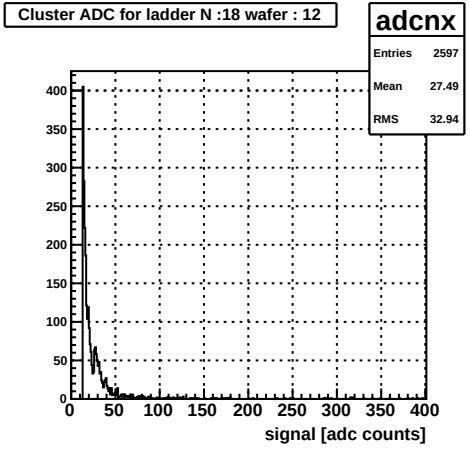

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 1465
Mean 39.5
RMS 36.92
signal [adc counts]

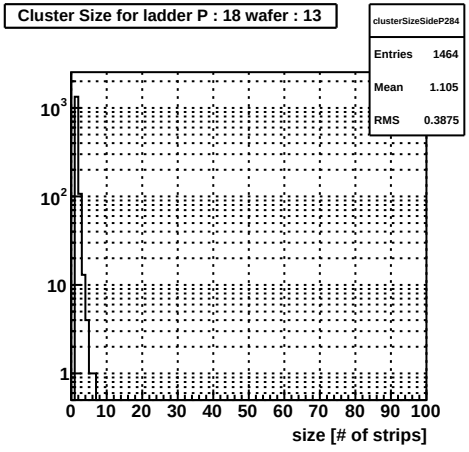

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 621
Mean 1.098
RMS 0.4112
size [# of strips]

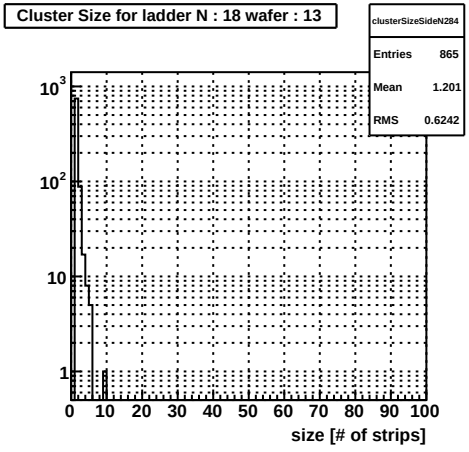

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 2597
Mean 1.267
RMS 0.5318
size [# of strips]

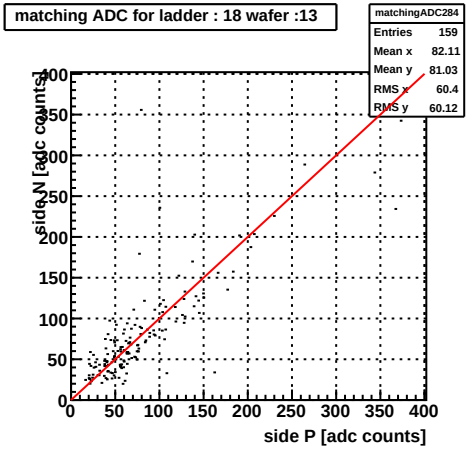

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 101
Mean x 78.81
Mean y 88.1
RMS x 76.59
RMS y 82.31
side N [adc counts]
side P [adc counts]

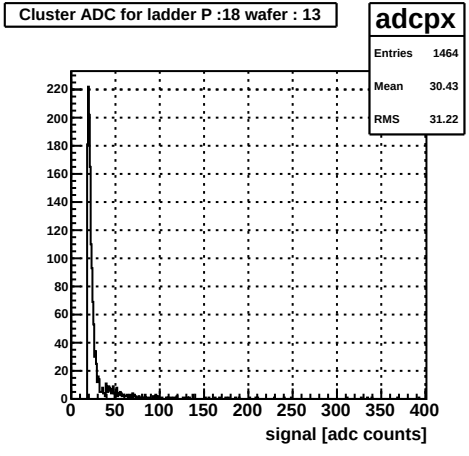

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 621
Mean 34.77
RMS 46.39
signal [adc counts]

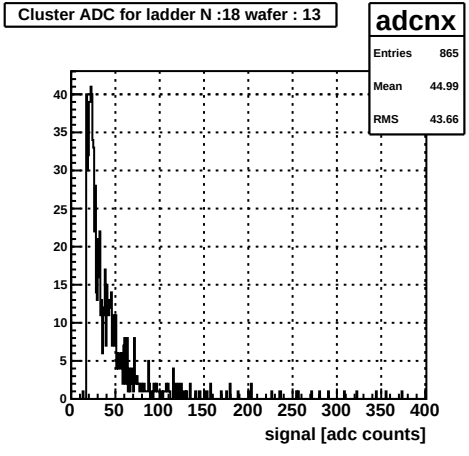

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 2597
Mean 27.49
RMS 32.94
signal [adc counts]

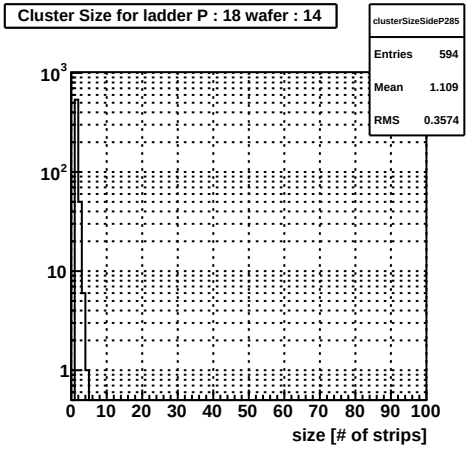

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 1464
Mean 1.105
RMS 0.3875
size [# of strips]

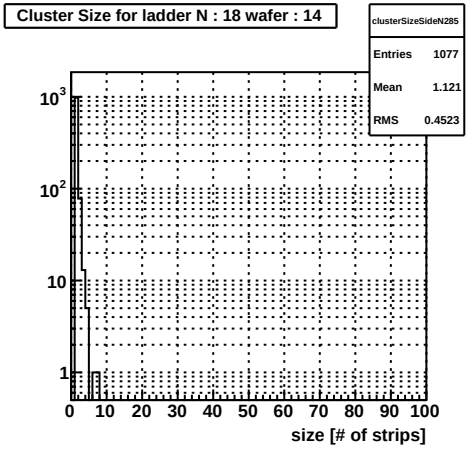

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 865
Mean 1.201
RMS 0.6242
size [# of strips]

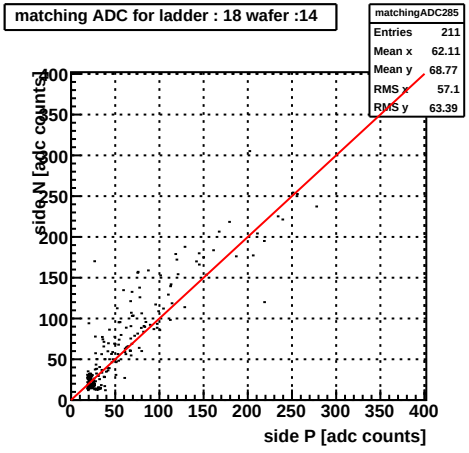

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 159
Mean x 82.11
Mean y 81.03
RMS x 60.4
RMS y 60.12
side N [adc counts]
side P [adc counts]

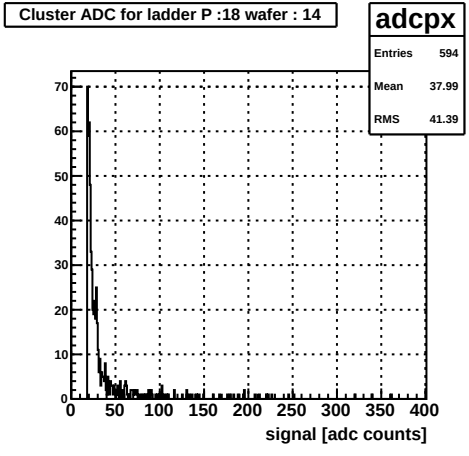

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 1464
Mean 30.43
RMS 31.22
signal [adc counts]

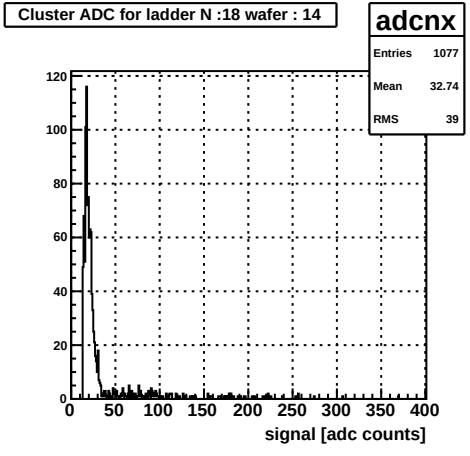

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 865
Mean 44.99
RMS 43.66
signal [adc counts]

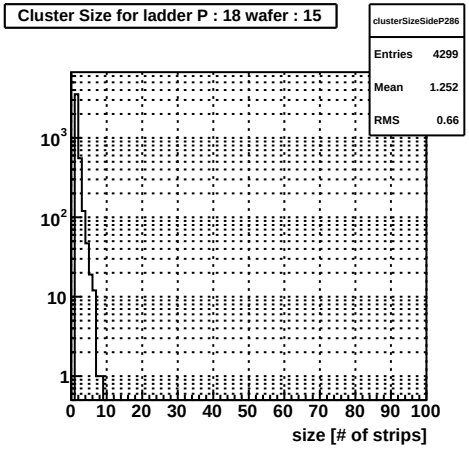

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 594
Mean 1.109
RMS 0.3574
size [# of strips]

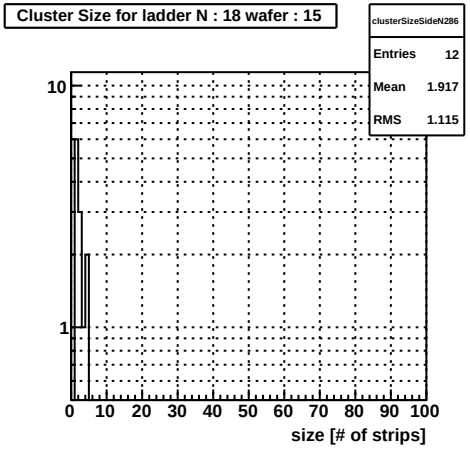

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1077
Mean 1.121
RMS 0.4523
size [# of strips]

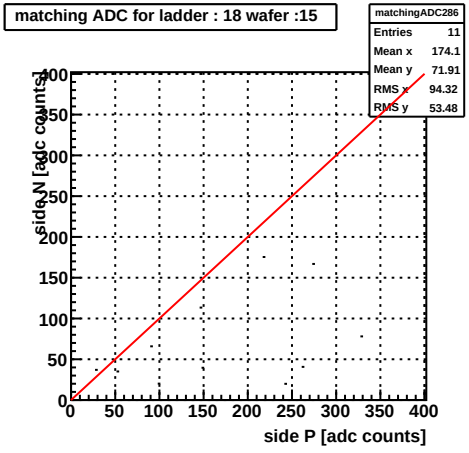

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 211
Mean x 62.11
Mean y 68.77
RMS x 57.1
RMS y 63.39
side N [adc counts]
side P [adc counts]

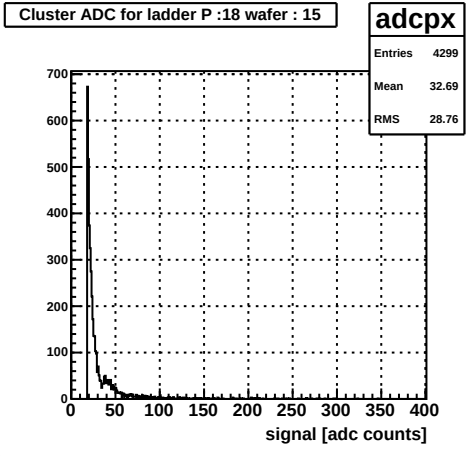

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 594
Mean 37.99
RMS 41.39
signal [adc counts]

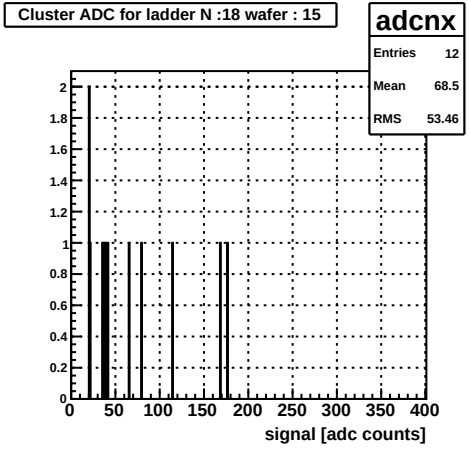

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1077
Mean 32.74
RMS 39
signal [adc counts]

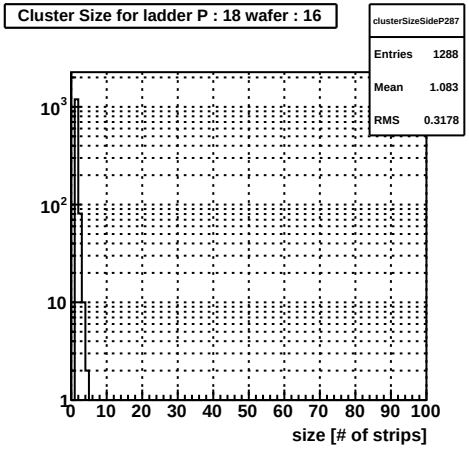

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 4299
Mean 1.252
RMS 0.66
size [# of strips]

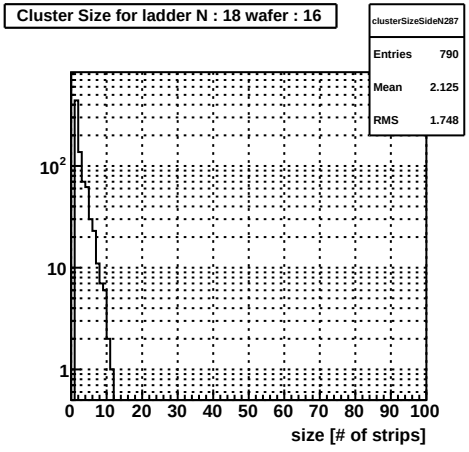

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 12
Mean 1.917
RMS 1.115
size [# of strips]

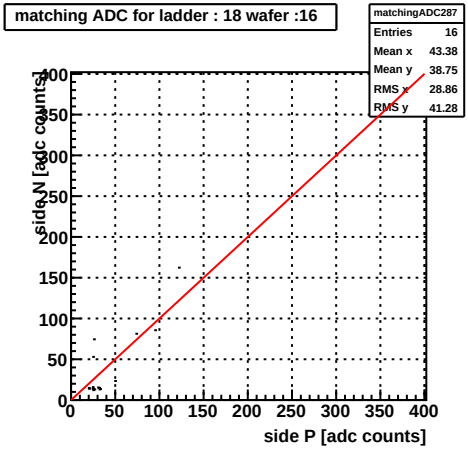

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 11
Mean x 174.1
Mean y 71.91
RMS x 94.32
RMS y 53.48
side N [adc counts]
side P [adc counts]

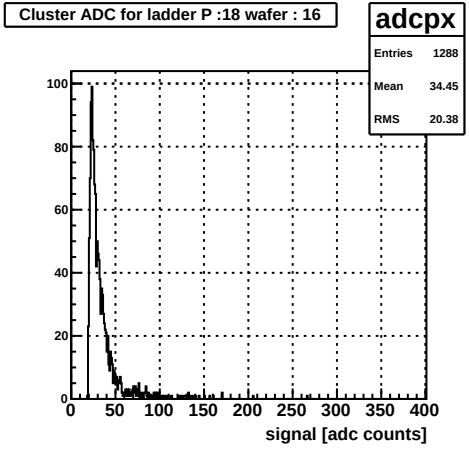

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 4299
Mean 32.69
RMS 28.76
signal [adc counts]

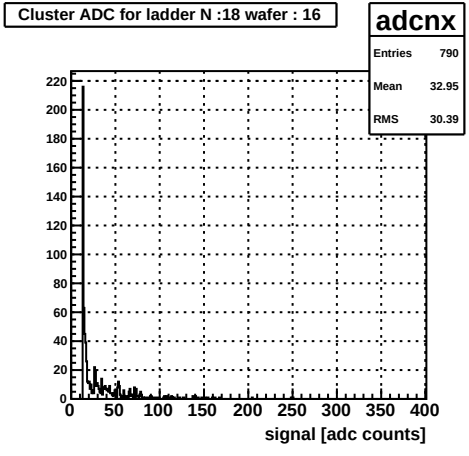

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 12
Mean 68.5
RMS 53.46
signal [adc counts]

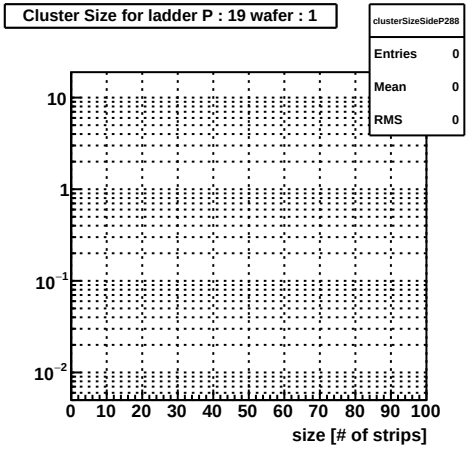

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1288
Mean 1.083
RMS 0.3178
size [# of strips]

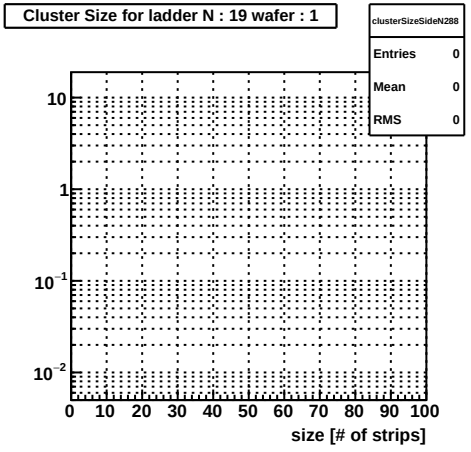

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 790
Mean 2.125
RMS 1.748
size [# of strips]

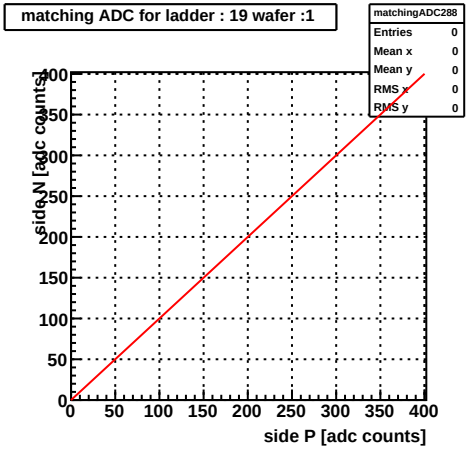

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 16
Mean x 43.38
Mean y 38.75
RMS x 28.86
RMS y 41.28
side N [adc counts]
side P [adc counts]

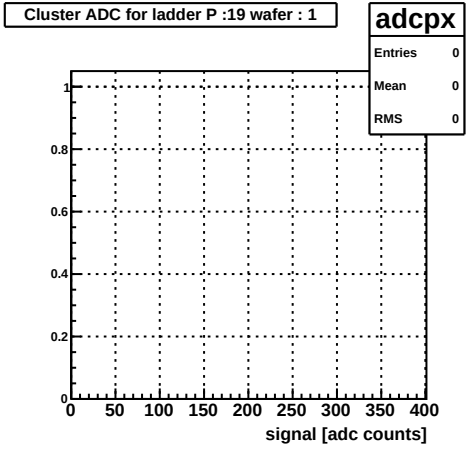

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1288
Mean 34.45
RMS 20.38
signal [adc counts]

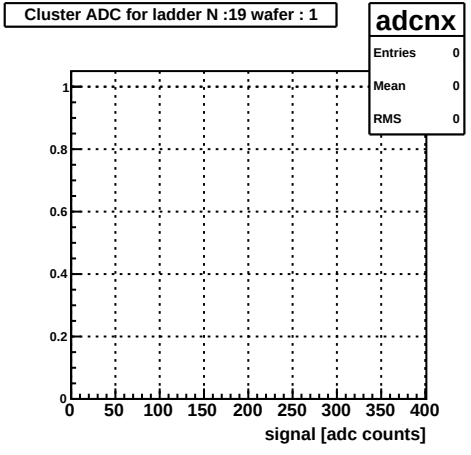

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 790
Mean 32.95
RMS 30.39
signal [adc counts]

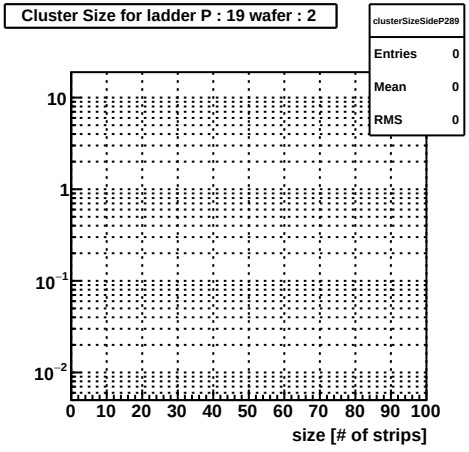

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

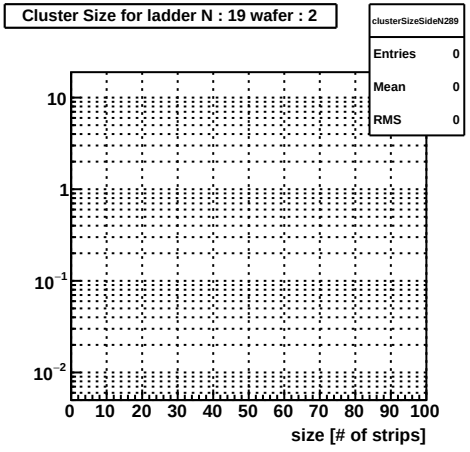

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

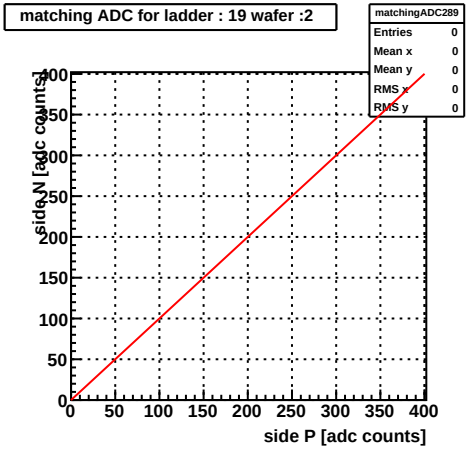

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

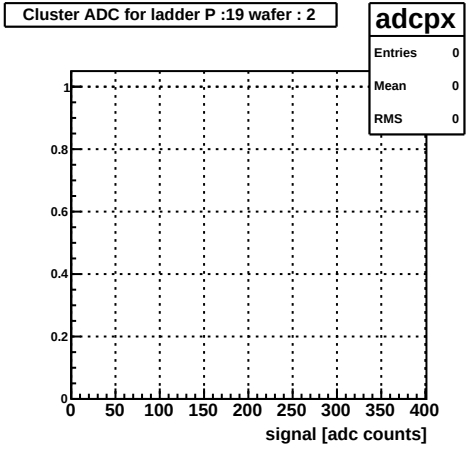

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

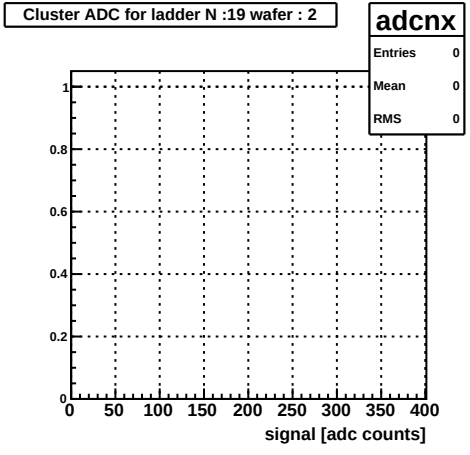

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

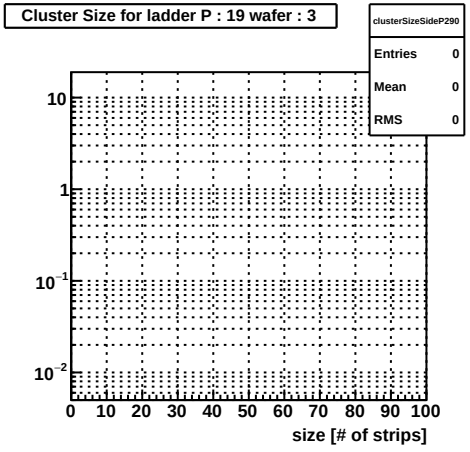

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

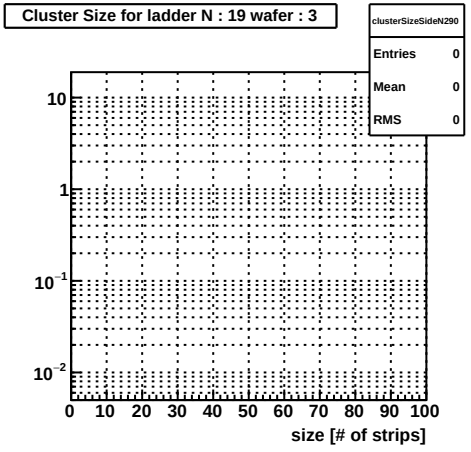

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

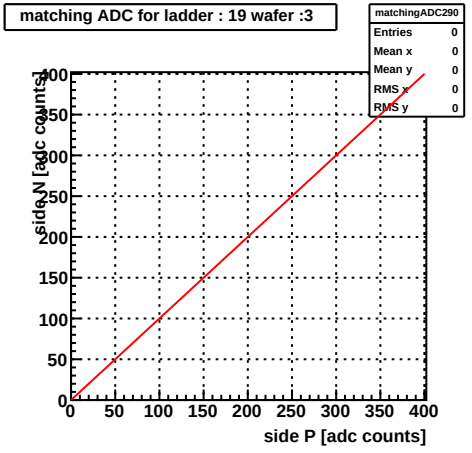

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

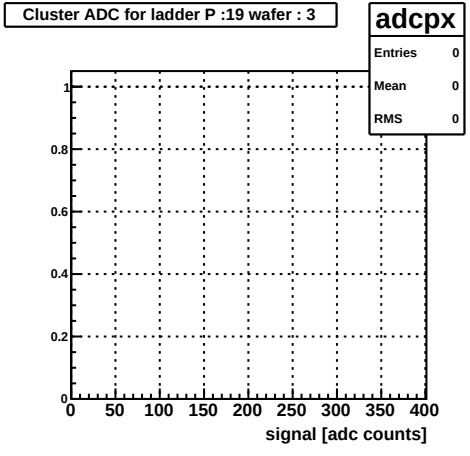

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

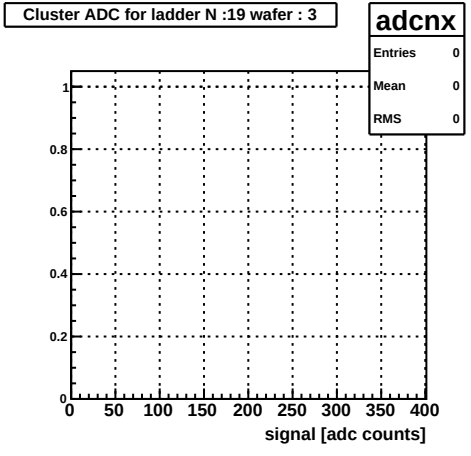

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

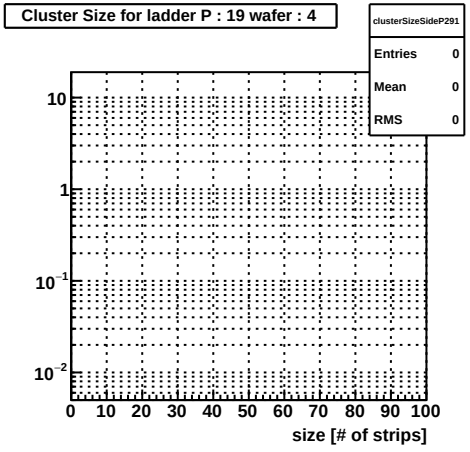

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

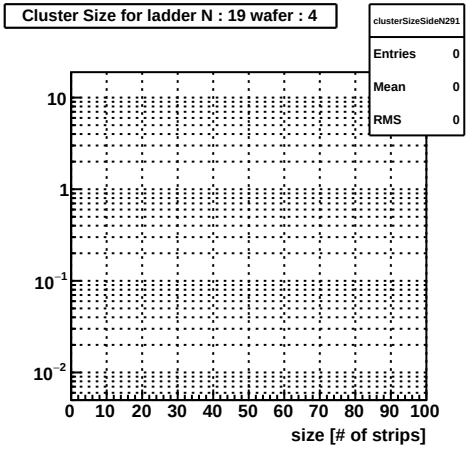

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

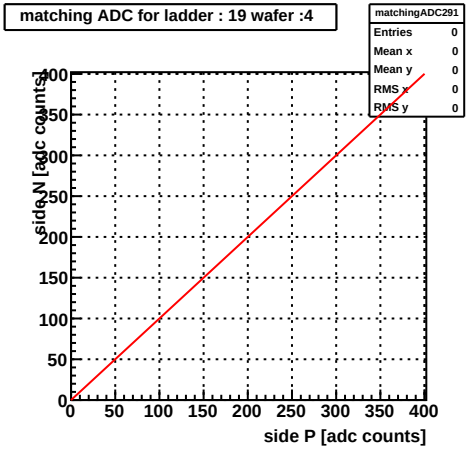

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

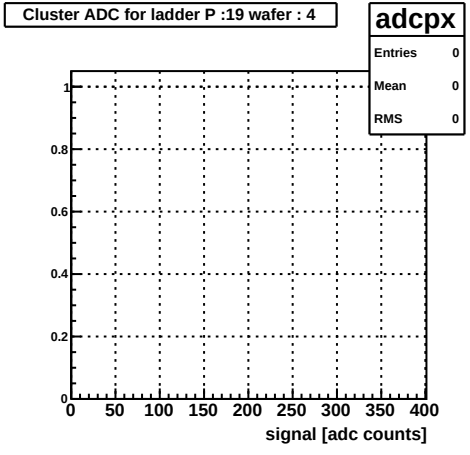

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

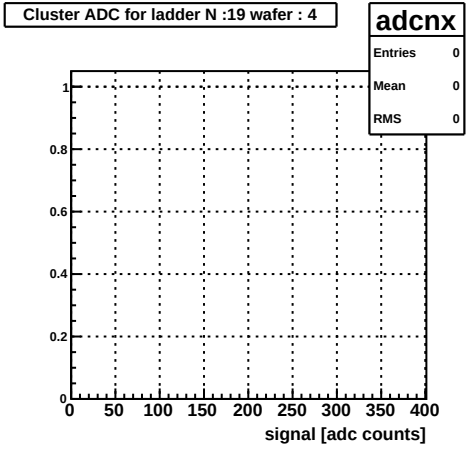

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

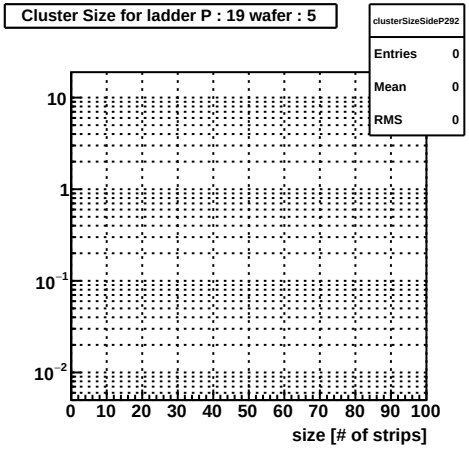

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

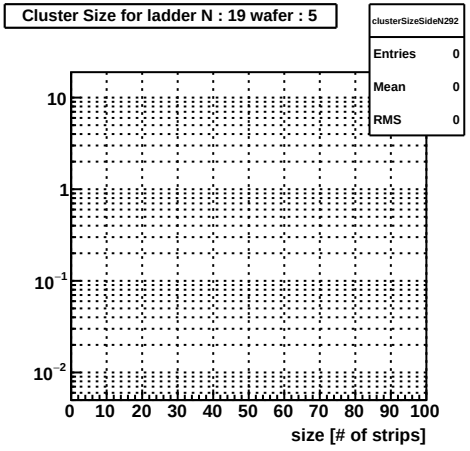

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

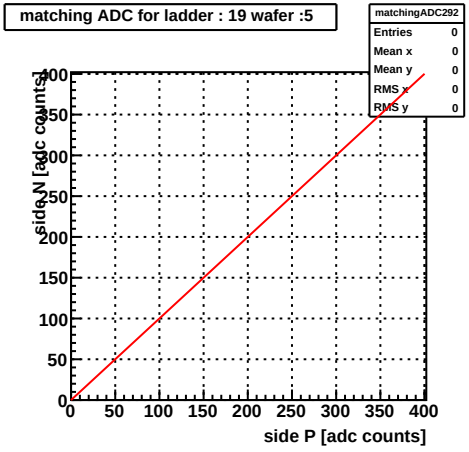

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

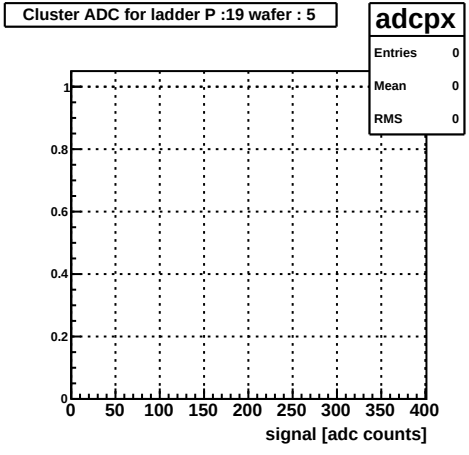

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

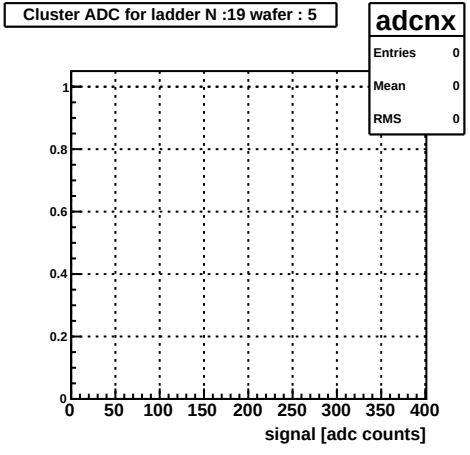

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

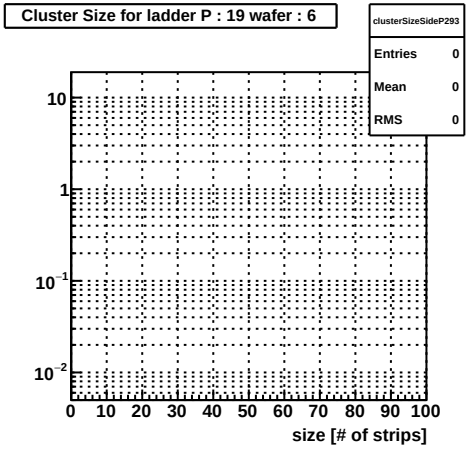

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

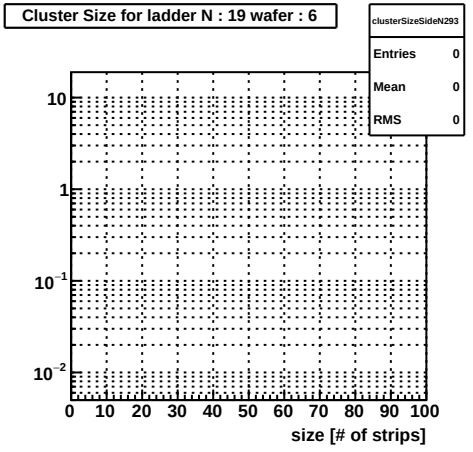

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

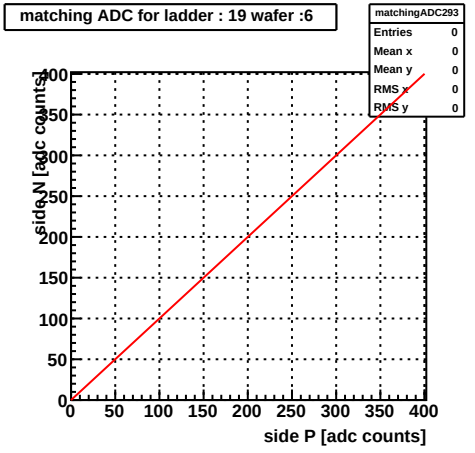

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

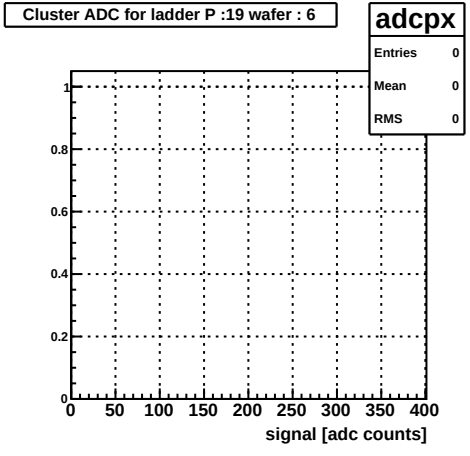

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

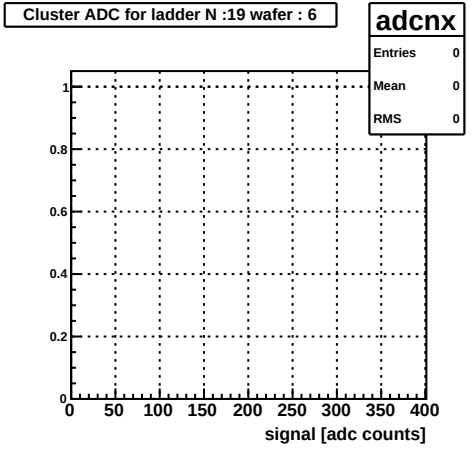

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

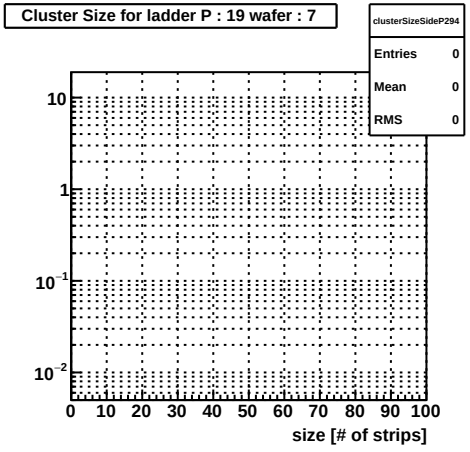

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

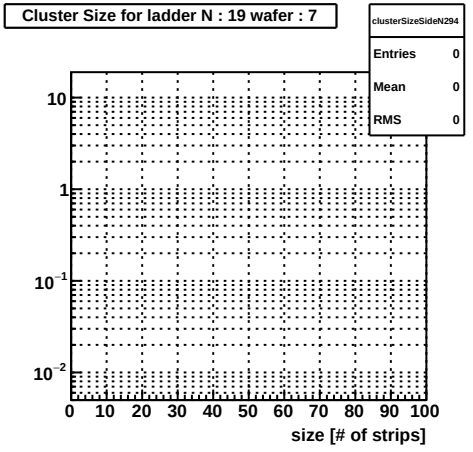

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

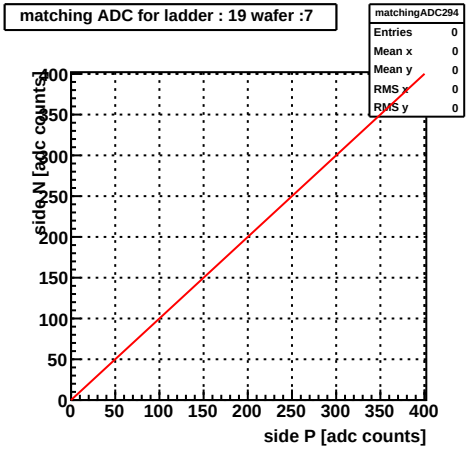

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

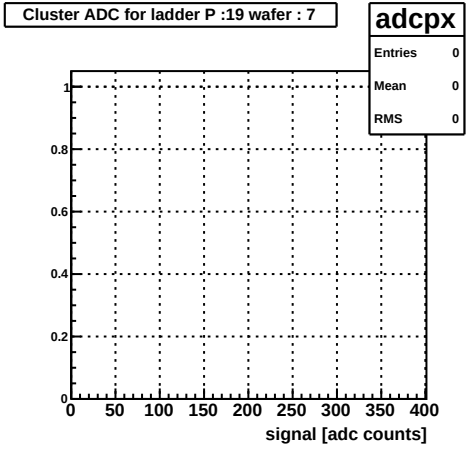

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

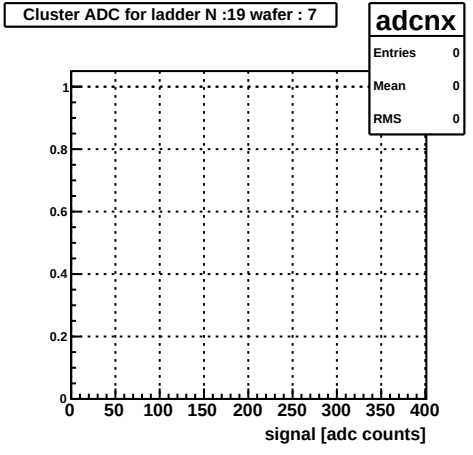

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

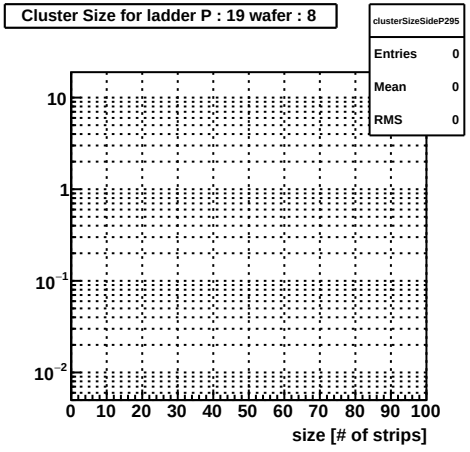

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

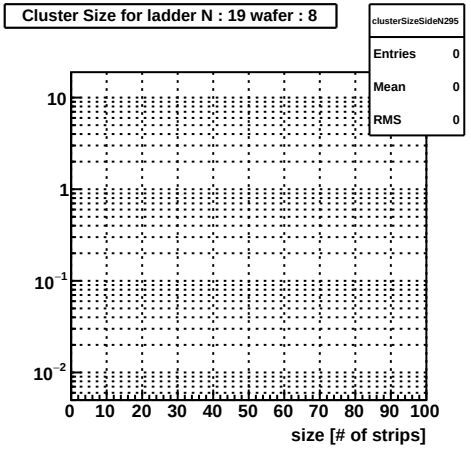

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

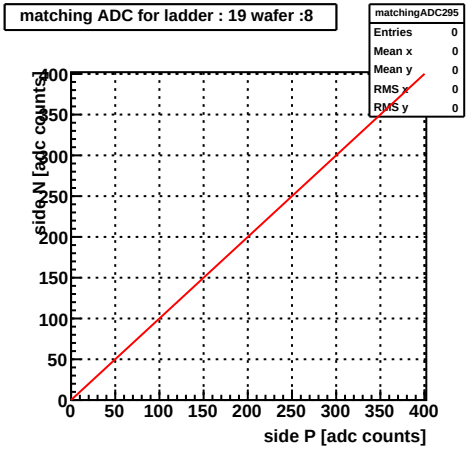

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

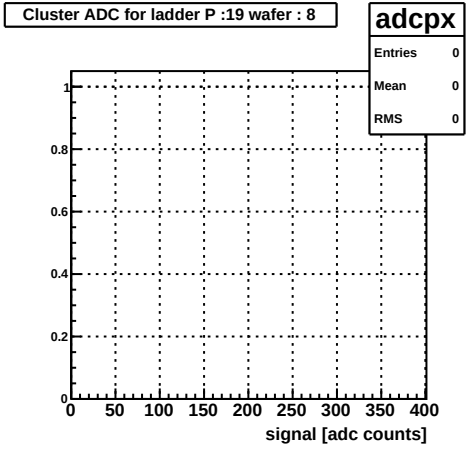

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

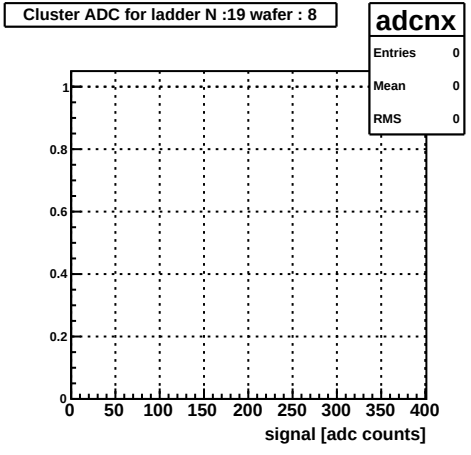

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

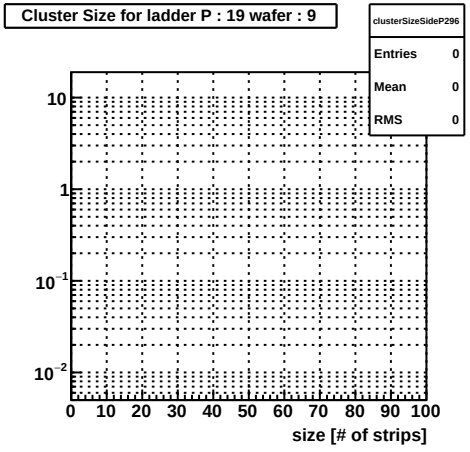

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

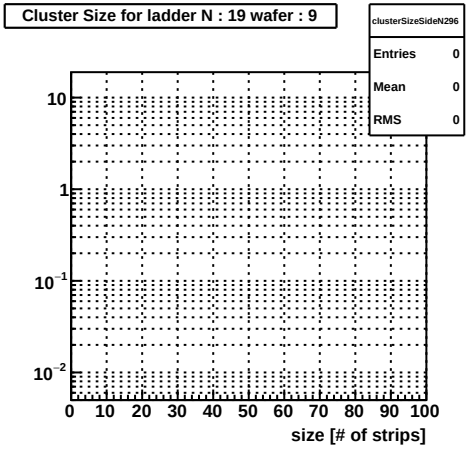

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

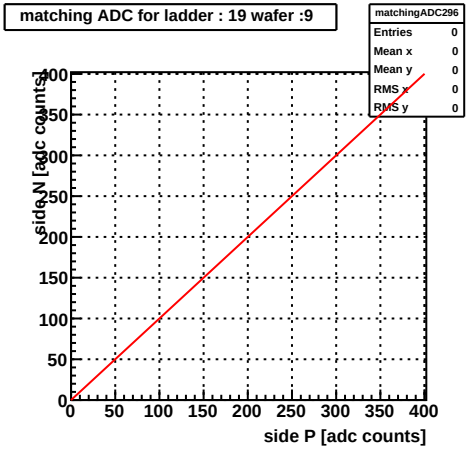

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

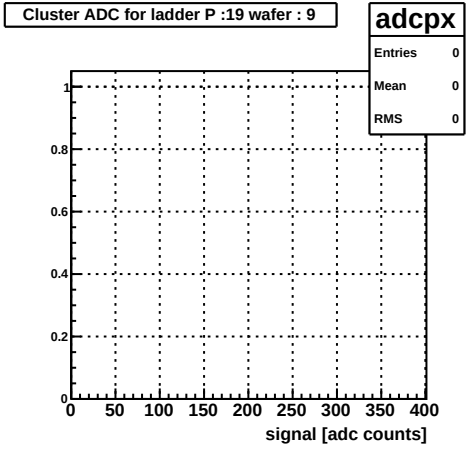

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

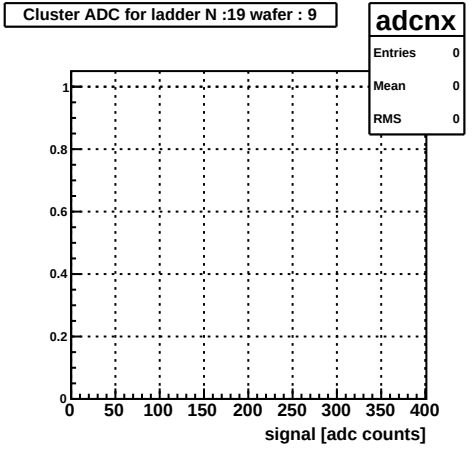

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

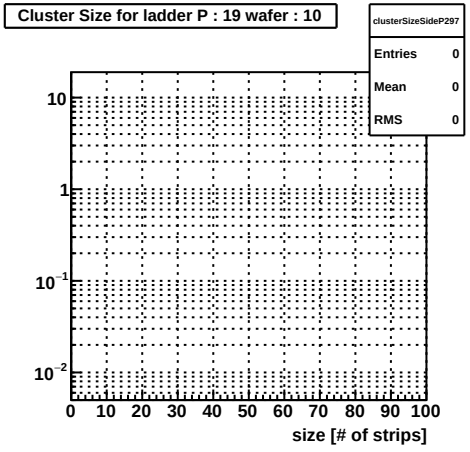

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

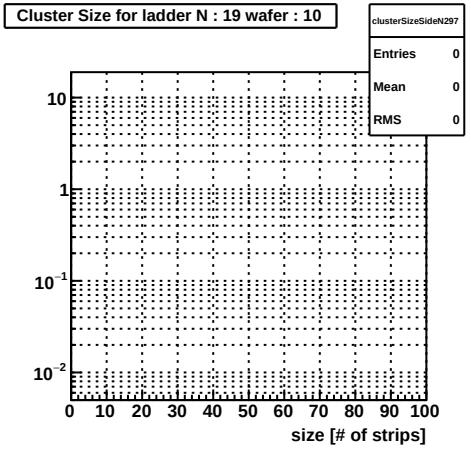

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

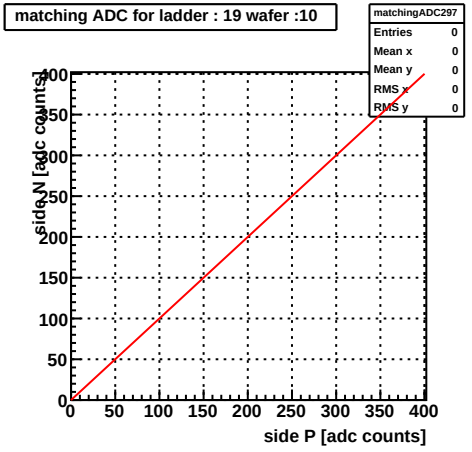

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

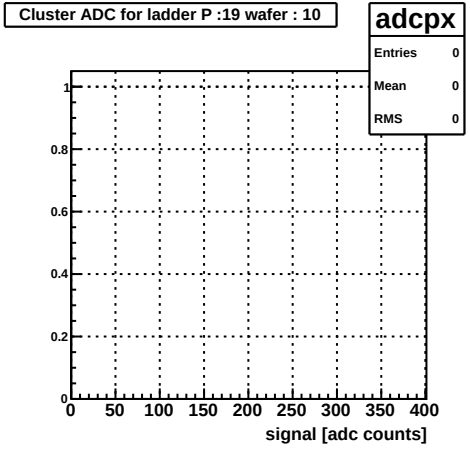

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

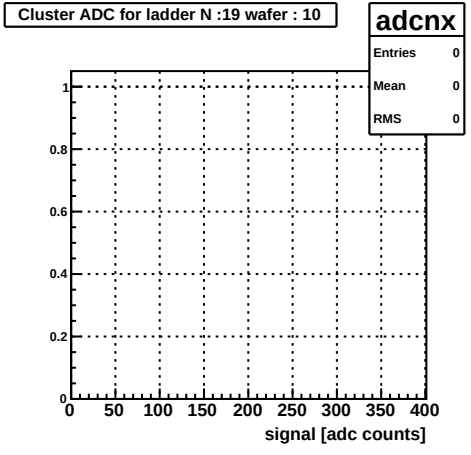

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

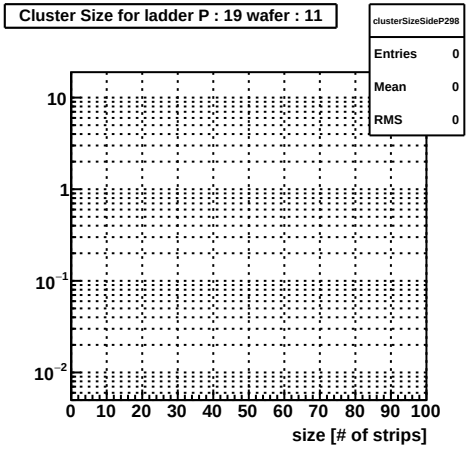

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

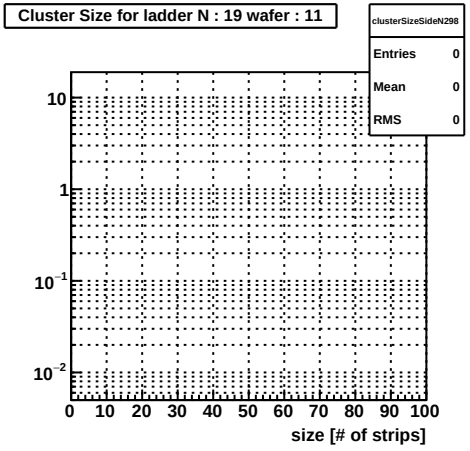

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

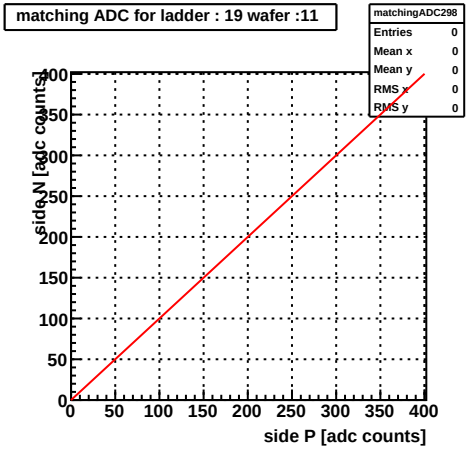

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

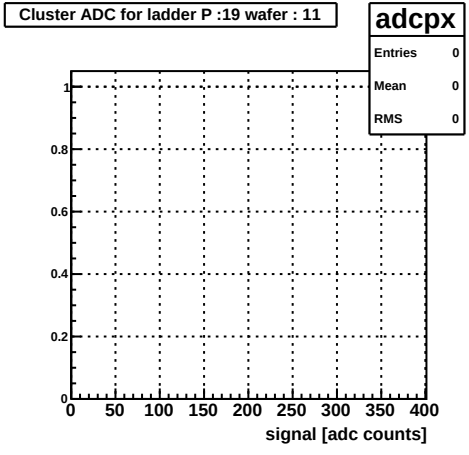

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

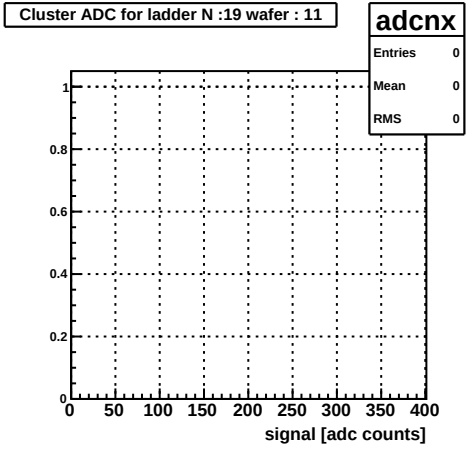

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

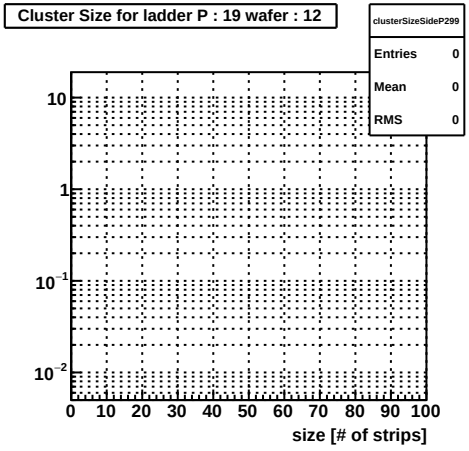

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

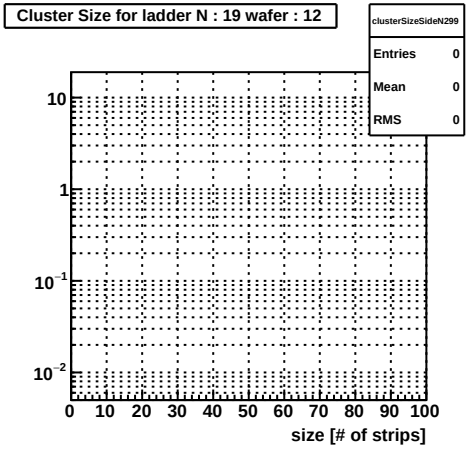

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

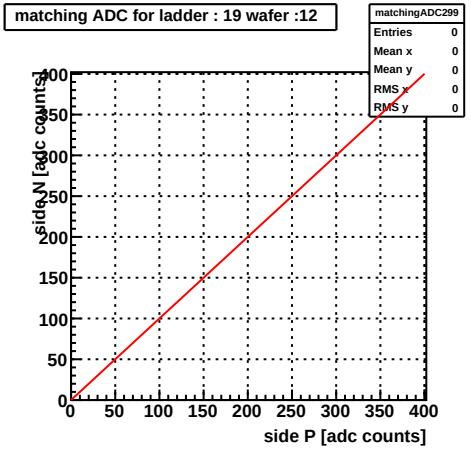

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

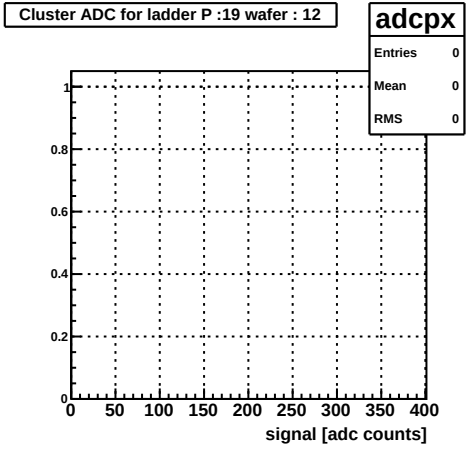

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

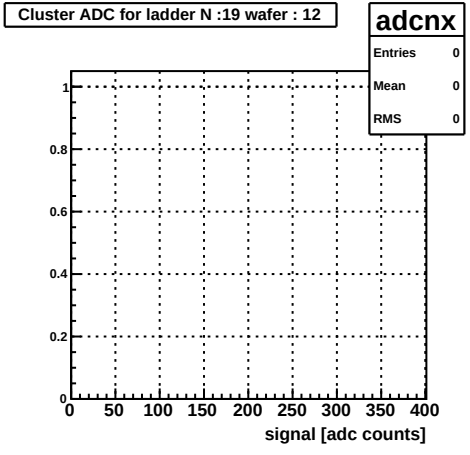

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

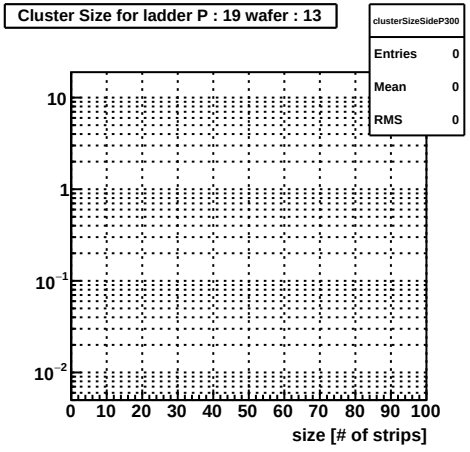

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

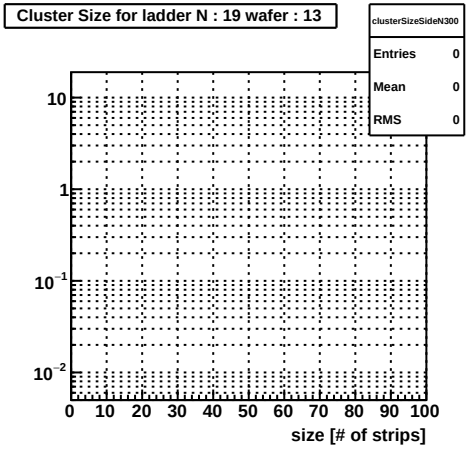

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

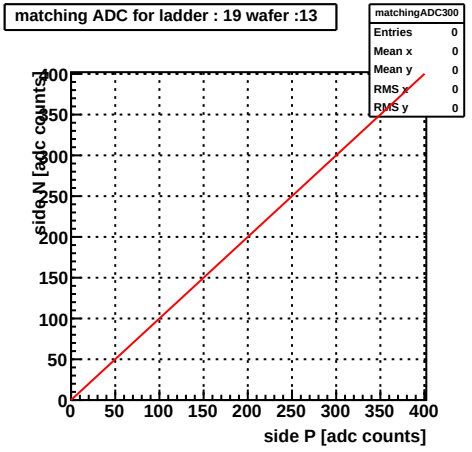

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

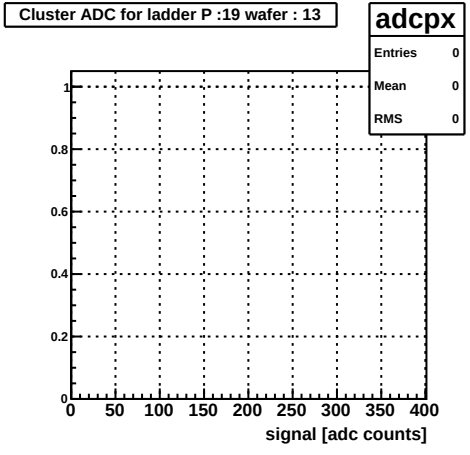

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

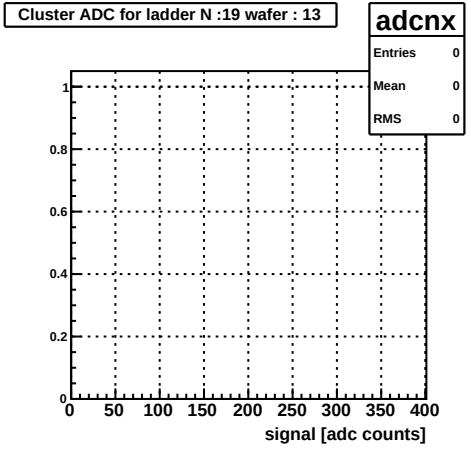

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

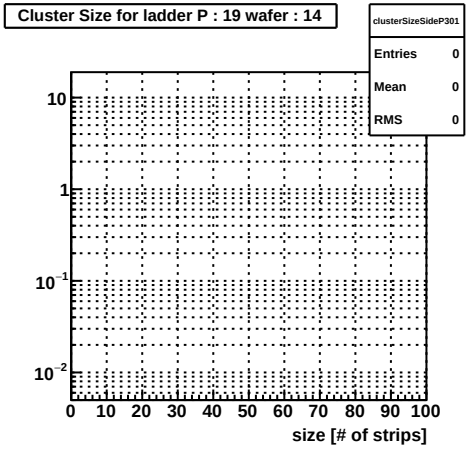

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

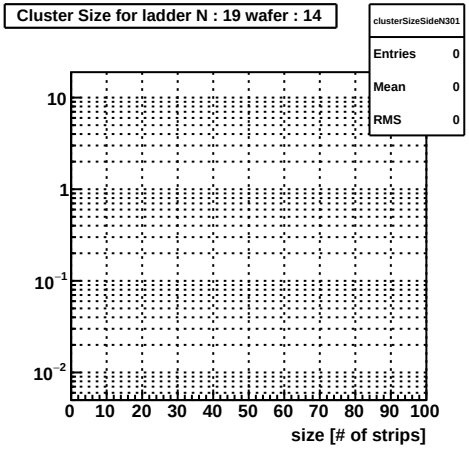

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

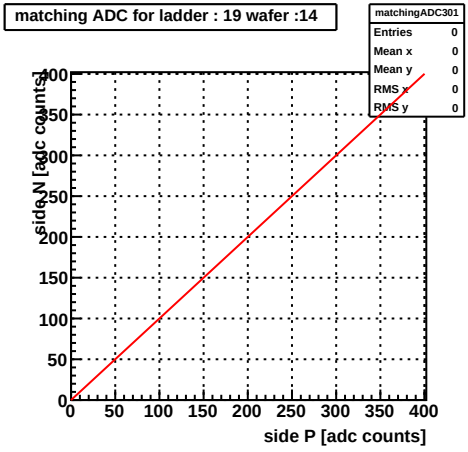

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

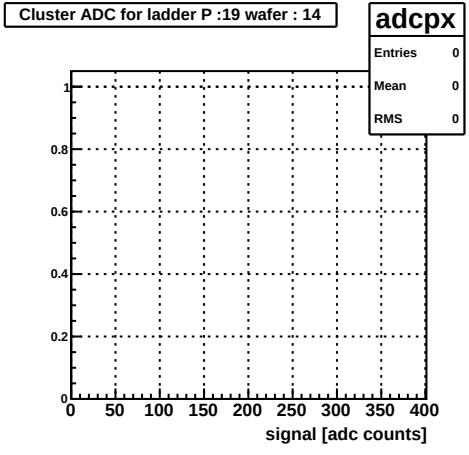

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

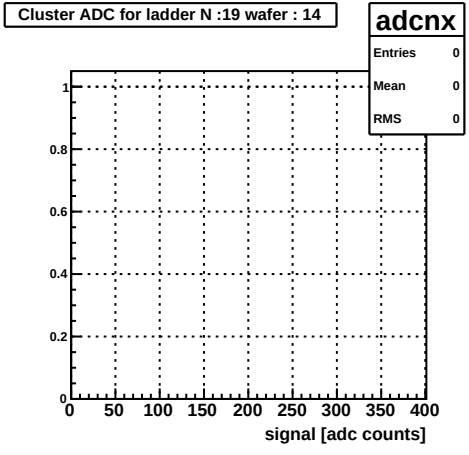

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

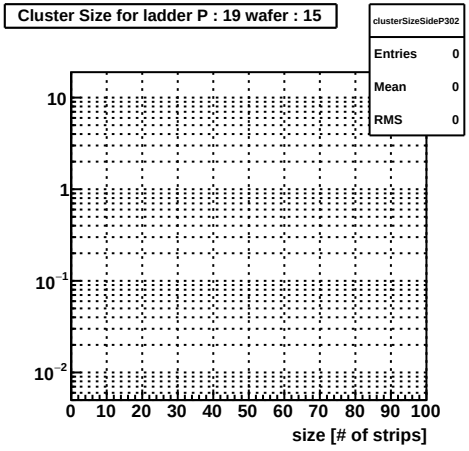

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

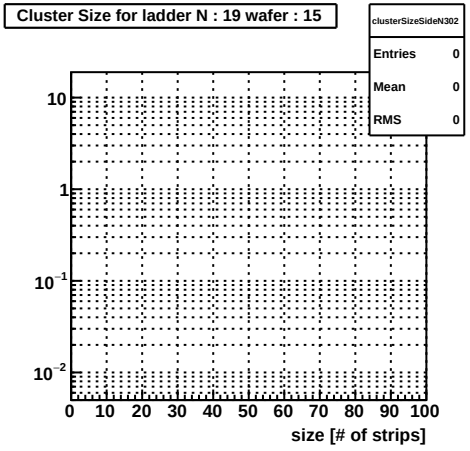

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

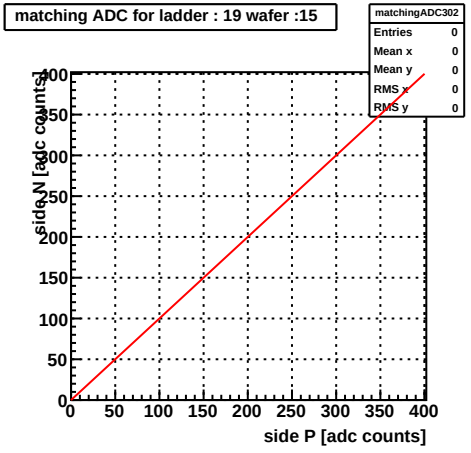

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

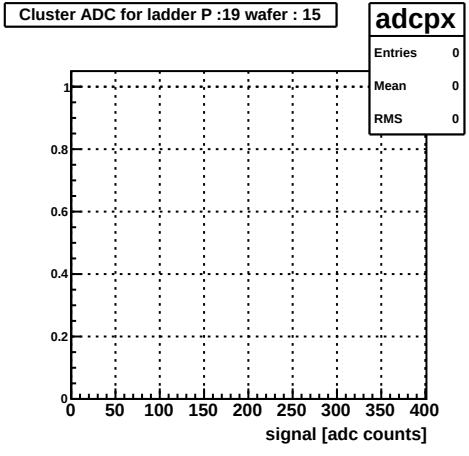

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

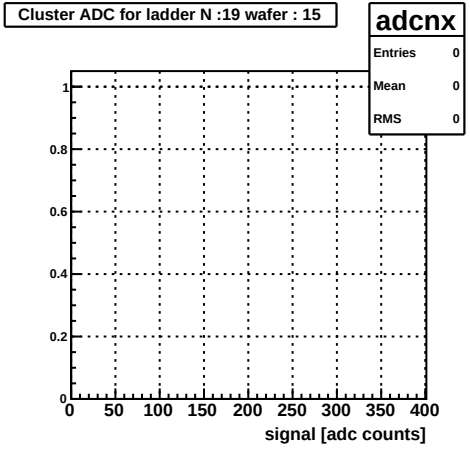

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

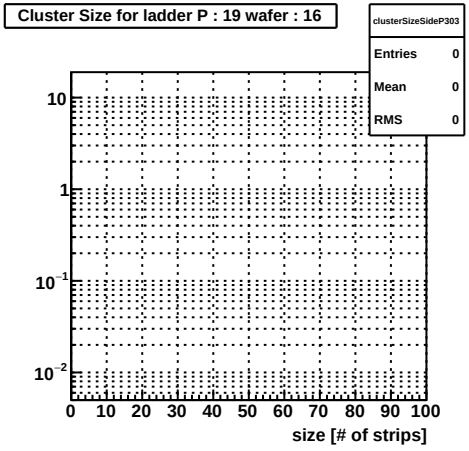

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

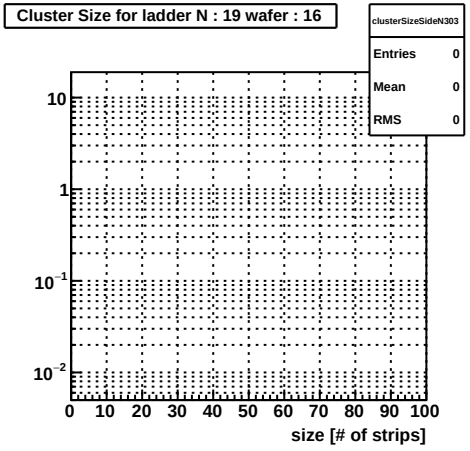

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

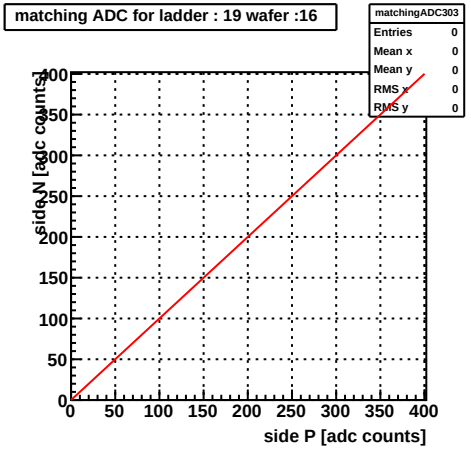

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

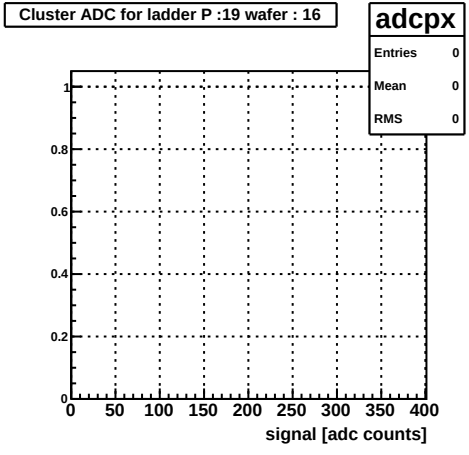

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

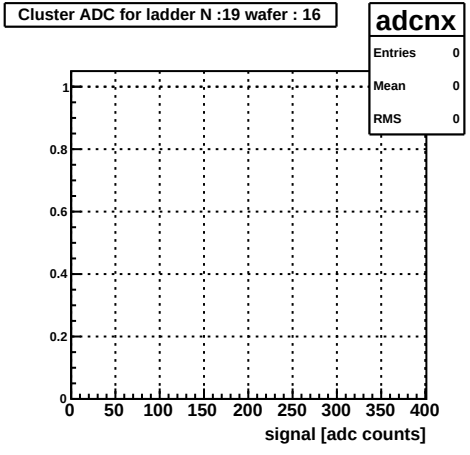

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

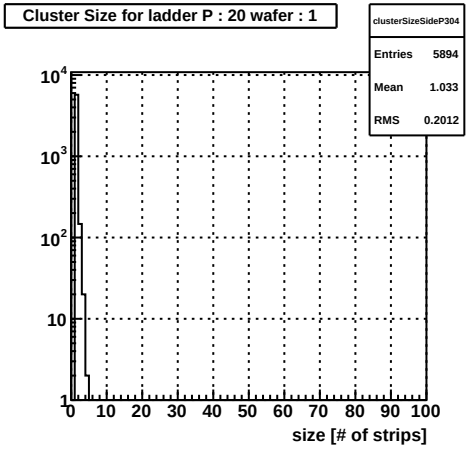

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

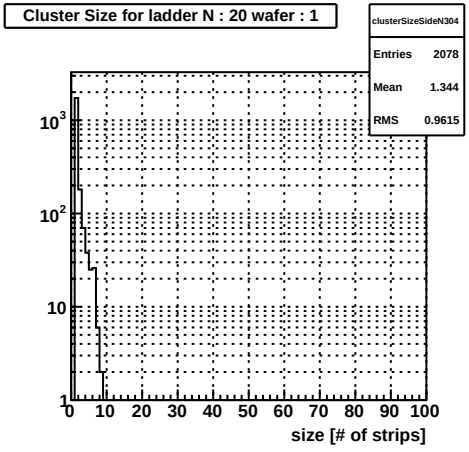

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

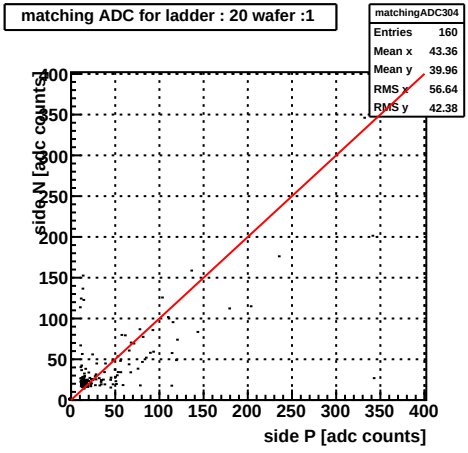

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

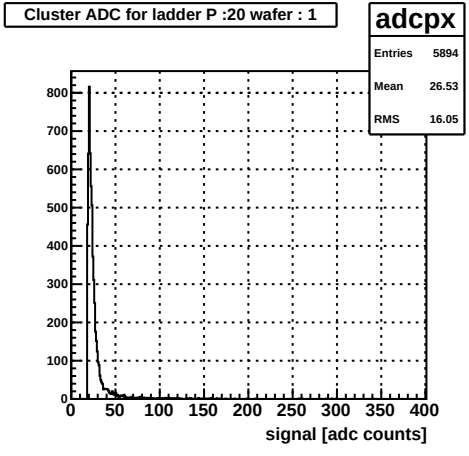

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

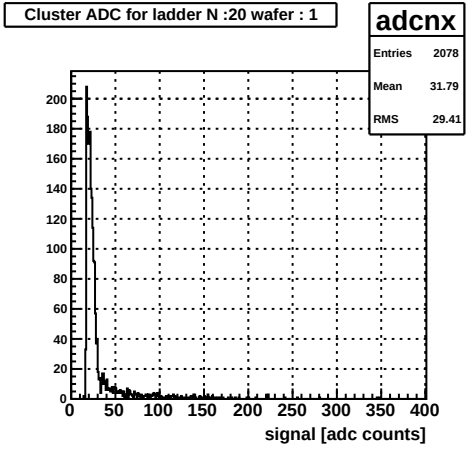

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

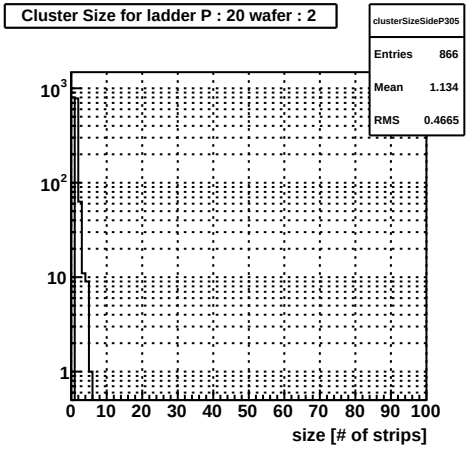

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 5894
Mean 1.033
RMS 0.2012
size [# of strips]

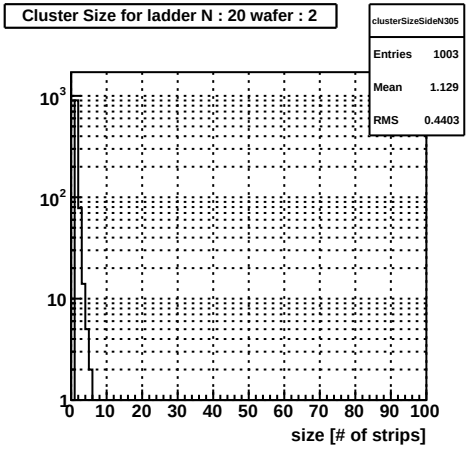

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 2078
Mean 1.344
RMS 0.9615
size [# of strips]

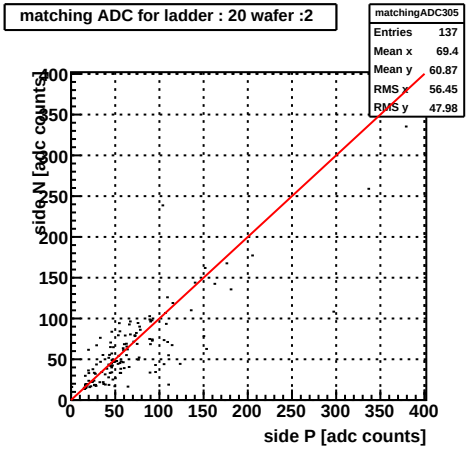

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 160
Mean x 43.36
Mean y 39.96
RMS x 56.64
RMS y 42.38
side N [adc counts]
side P [adc counts]

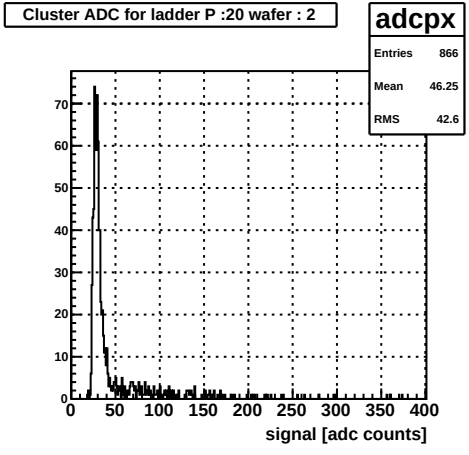

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 5894
Mean 26.53
RMS 16.05
signal [adc counts]

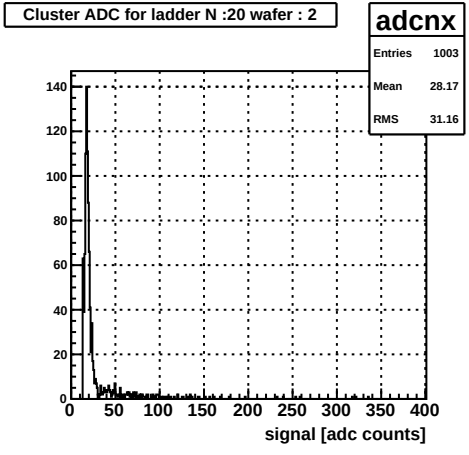

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 2078
Mean 31.79
RMS 29.41
signal [adc counts]

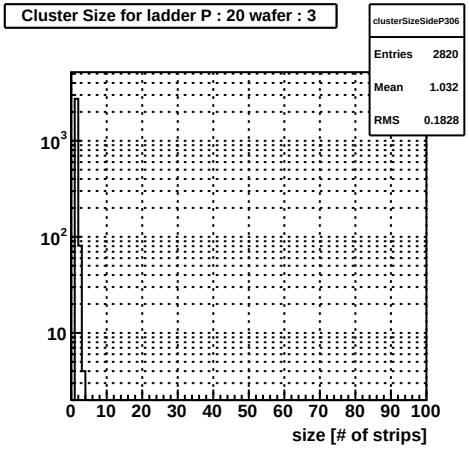

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 866
Mean 1.134
RMS 0.4665
size [# of strips]

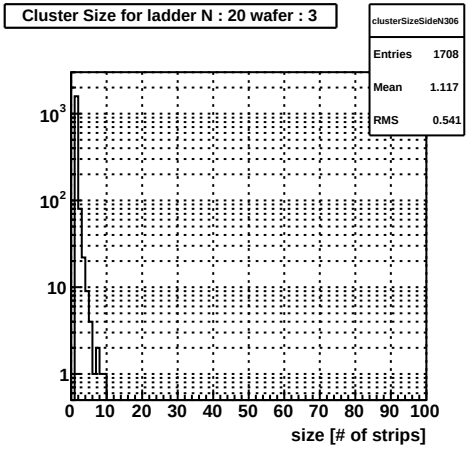

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1003
Mean 1.129
RMS 0.4403
size [# of strips]

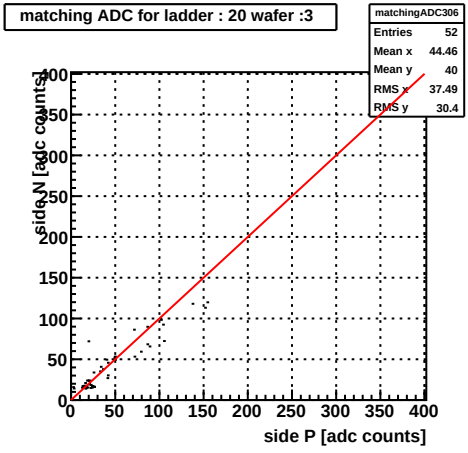

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 137
Mean x 69.4
Mean y 60.87
RMS x 56.45
RMS y 47.98
side N [adc counts]
side P [adc counts]

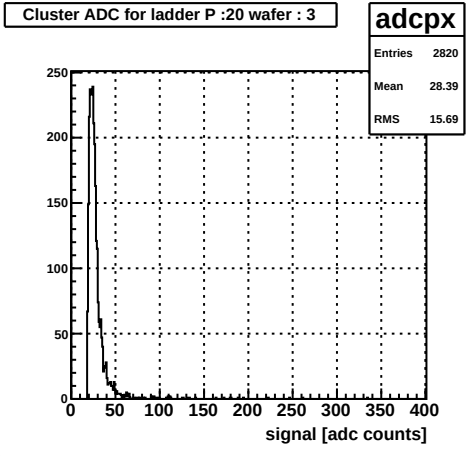

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 866
Mean 46.25
RMS 42.6
signal [adc counts]

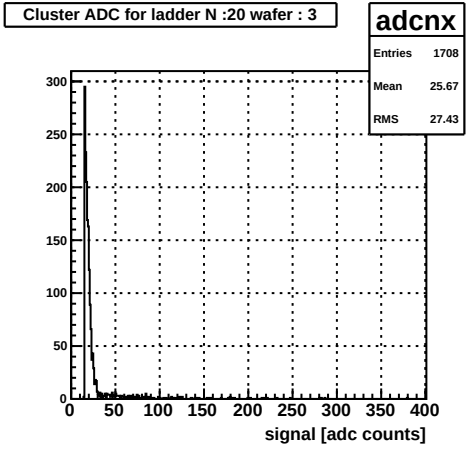

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1003
Mean 28.17
RMS 31.16
signal [adc counts]

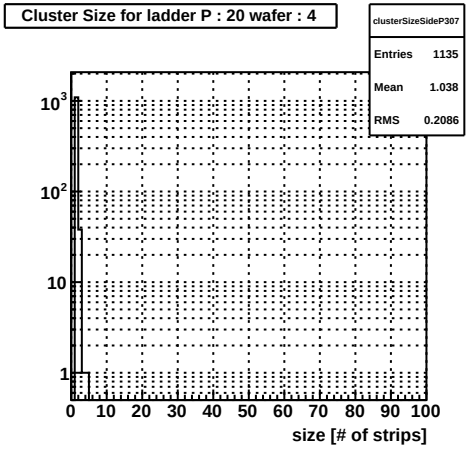

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2820
Mean 1.032
RMS 0.1828
size [# of strips]

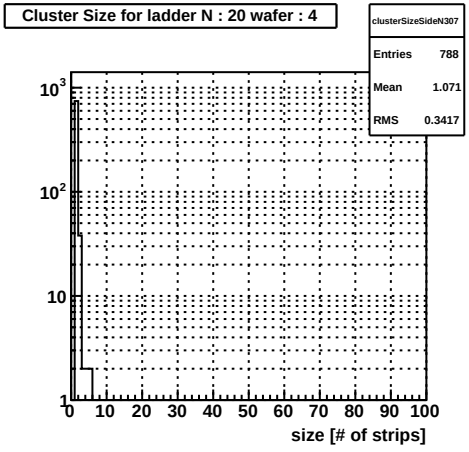

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1708
Mean 1.117
RMS 0.541
size [# of strips]

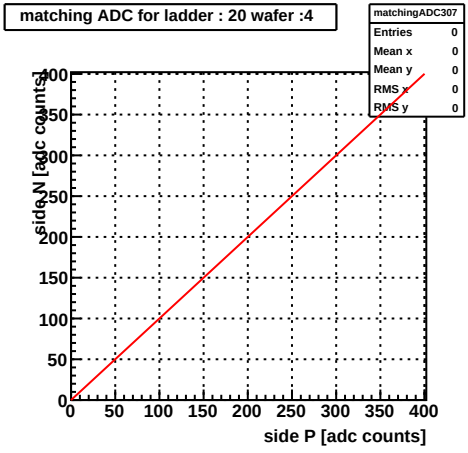

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 52
Mean x 44.46
Mean y 40
RMS x 37.49
RMS y 30.4
side N [adc counts]
side P [adc counts]

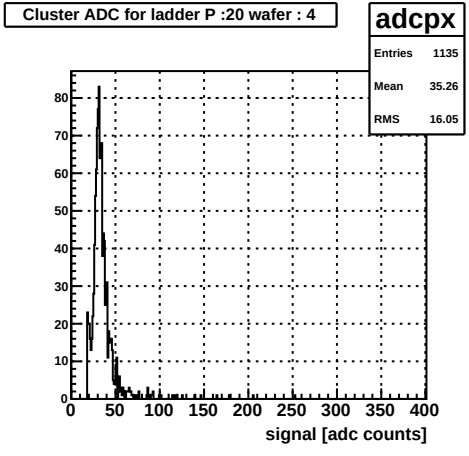

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2820
Mean 28.39
RMS 15.69
signal [adc counts]

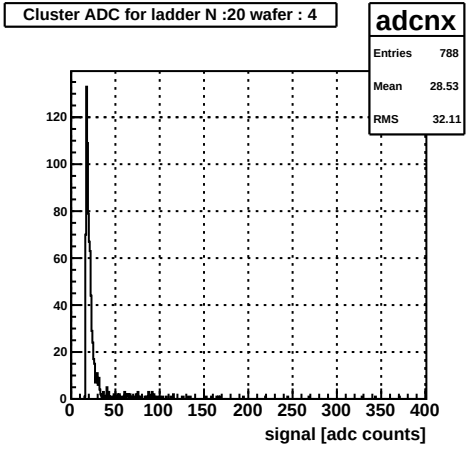

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1708
Mean 25.67
RMS 27.43
signal [adc counts]

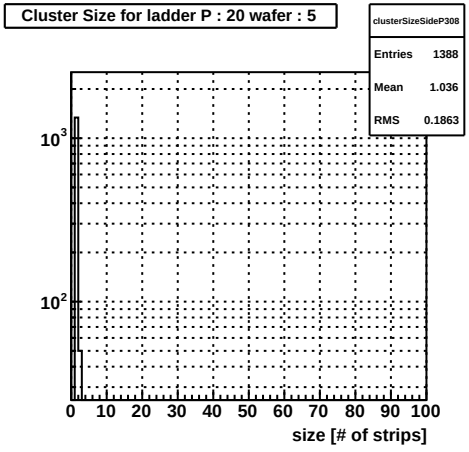

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1135
Mean 1.038
RMS 0.2086
size [# of strips]

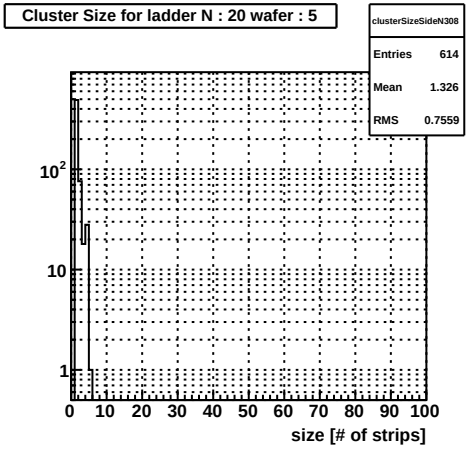

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 788
Mean 1.071
RMS 0.3417
size [# of strips]

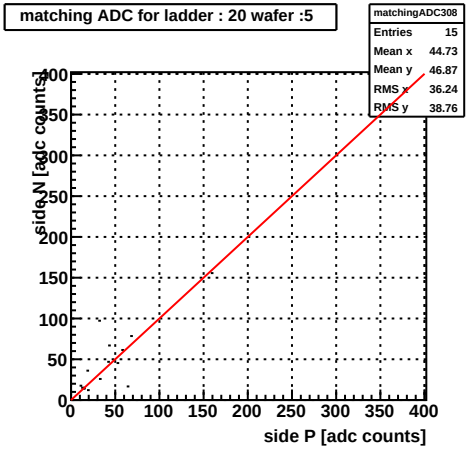

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

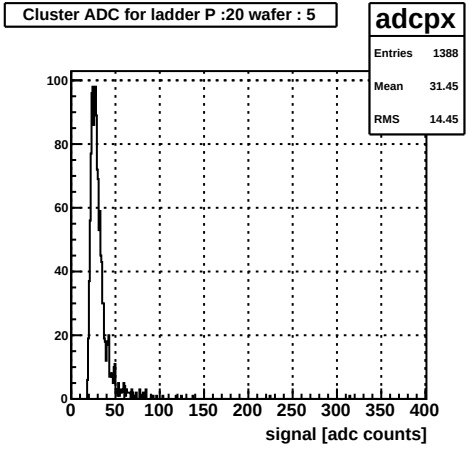

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1135
Mean 35.26
RMS 16.05
signal [adc counts]

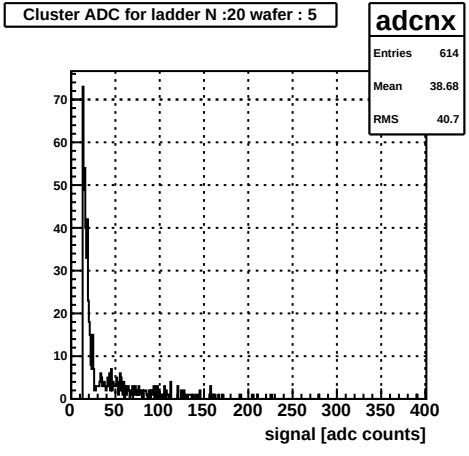

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 788
Mean 28.53
RMS 32.11
signal [adc counts]

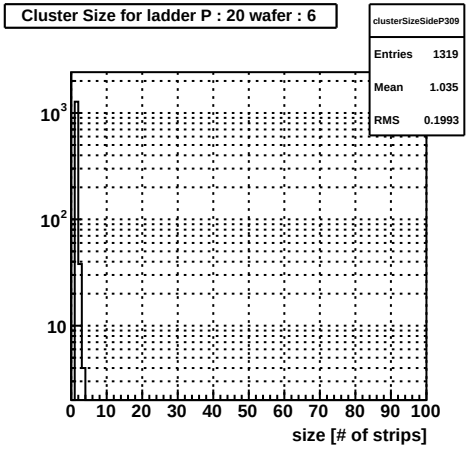

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1388
Mean 1.036
RMS 0.1863
size [# of strips]

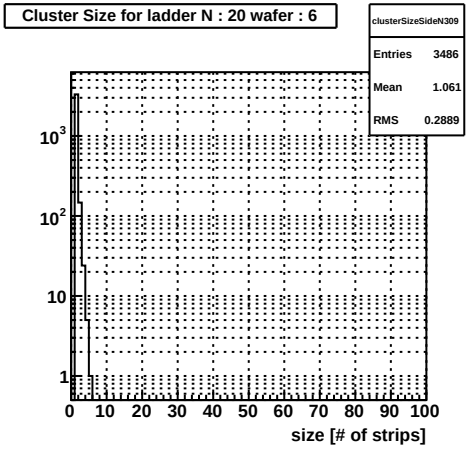

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 614
Mean 1.326
RMS 0.7559
size [# of strips]

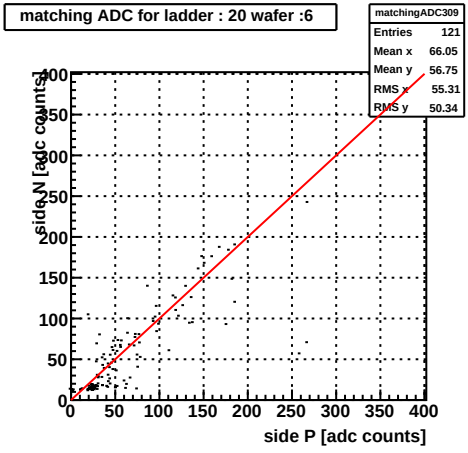

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 15
Mean x 44.73
Mean y 46.87
RMS x 36.24
RMS y 38.76
side N [adc counts]
side P [adc counts]

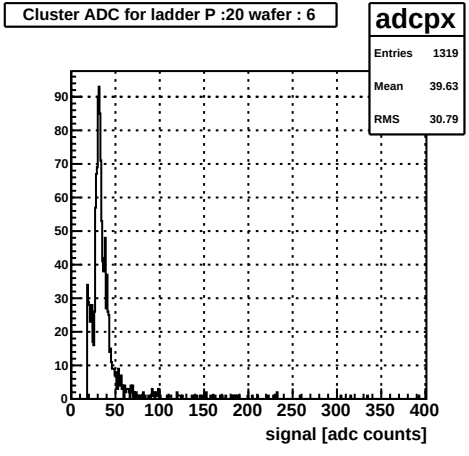

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1388
Mean 31.45
RMS 14.45
signal [adc counts]

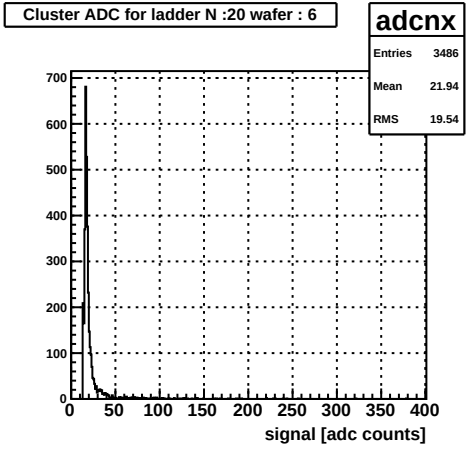

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 614
Mean 38.68
RMS 40.7
signal [adc counts]

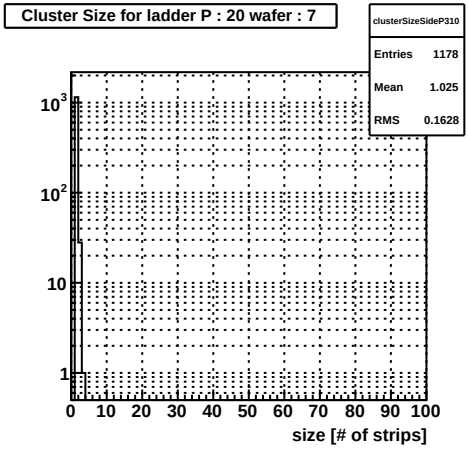

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1319
Mean 1.035
RMS 0.1993
size [# of strips]

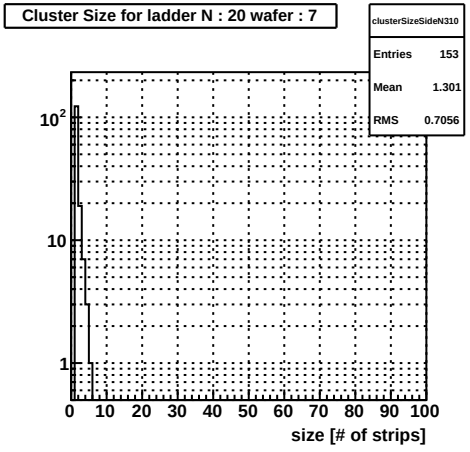

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 3486
Mean 1.061
RMS 0.2889
size [# of strips]

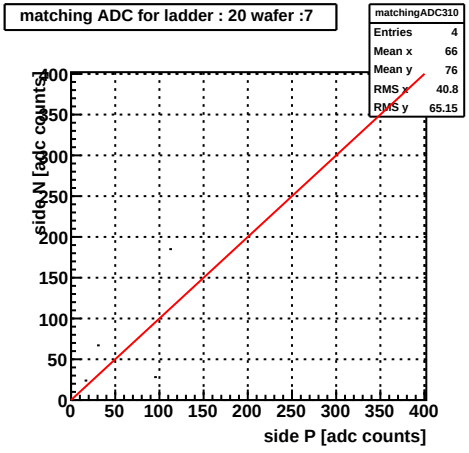

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 121
Mean x 66.05
Mean y 56.75
RMS x 55.31
RMS y 50.34
side N [adc counts]
side P [adc counts]

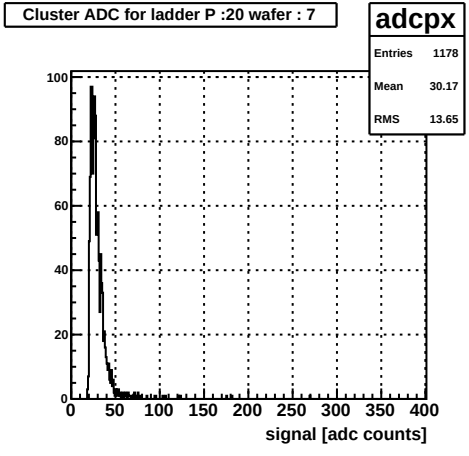

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1319
Mean 39.63
RMS 30.79
signal [adc counts]

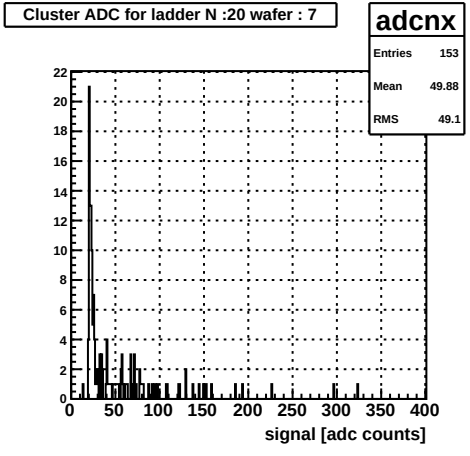

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 3486
Mean 21.94
RMS 19.54
signal [adc counts]

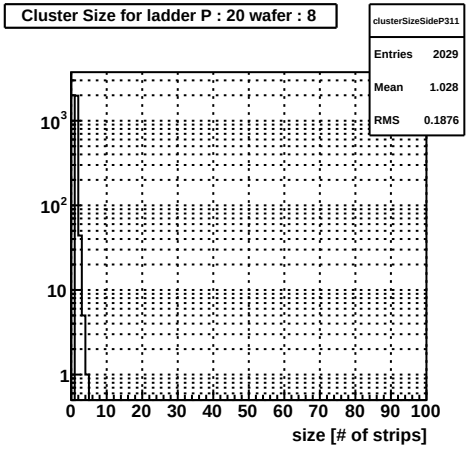

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1178
Mean 1.025
RMS 0.1628
size [# of strips]

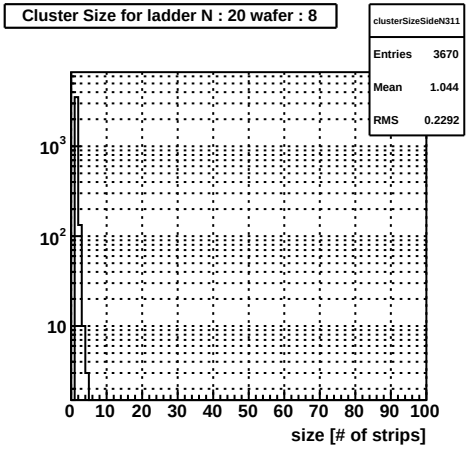

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 153
Mean 1.301
RMS 0.7056
size [# of strips]

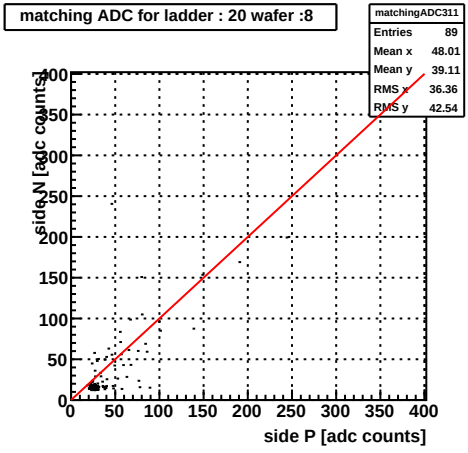

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 66
Mean y 76
RMS x 40.8
RMS y 65.15
side N [adc counts]
side P [adc counts]

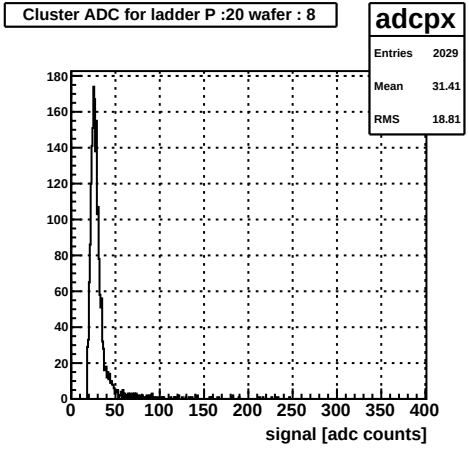

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1178
Mean 30.17
RMS 13.65
signal [adc counts]

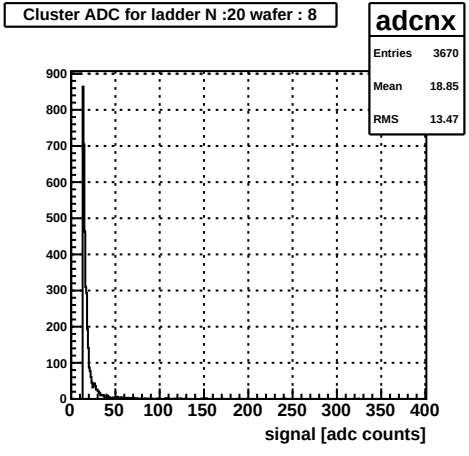

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 153
Mean 49.88
RMS 49.1
signal [adc counts]

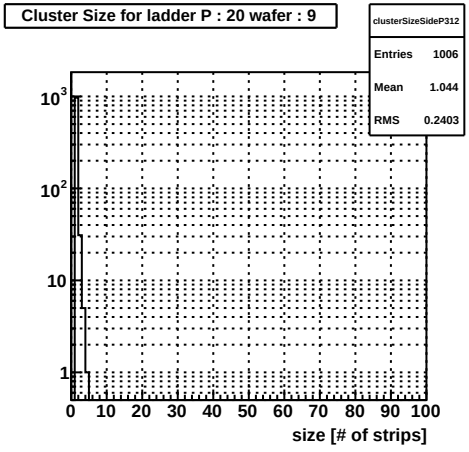

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 2029
Mean 1.028
RMS 0.1876
size [# of strips]

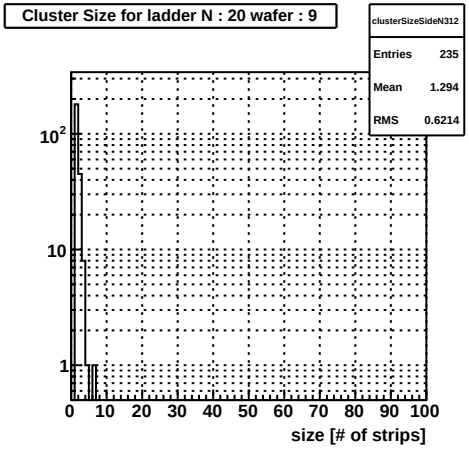

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 3670
Mean 1.044
RMS 0.2292
size [# of strips]

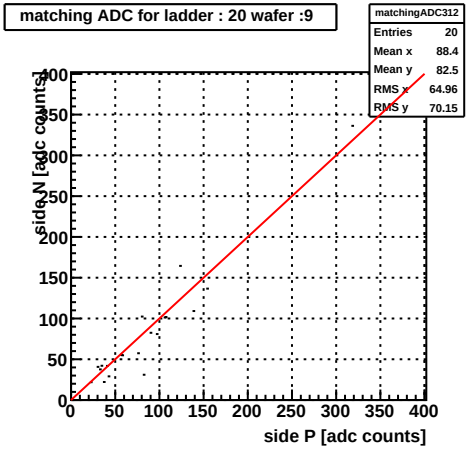

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 89
Mean x 48.01
Mean y 39.11
RMS x 36.36
RMS y 42.54
side N [adc counts]
side P [adc counts]

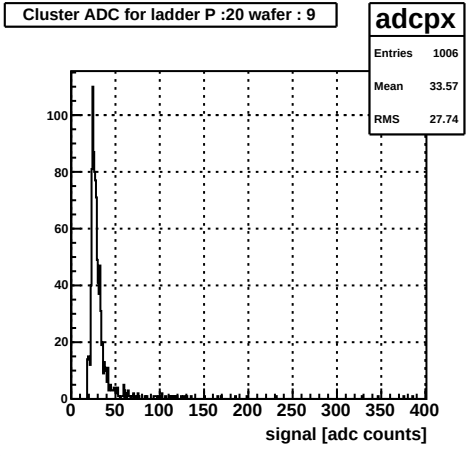

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 2029
Mean 31.41
RMS 18.81
signal [adc counts]

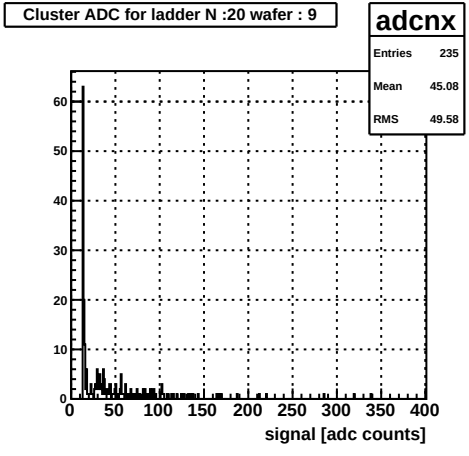

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 3670
Mean 18.85
RMS 13.47
signal [adc counts]

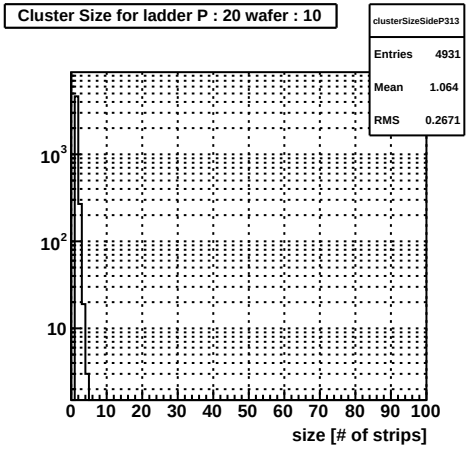

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1006
Mean 1.044
RMS 0.2403
size [# of strips]

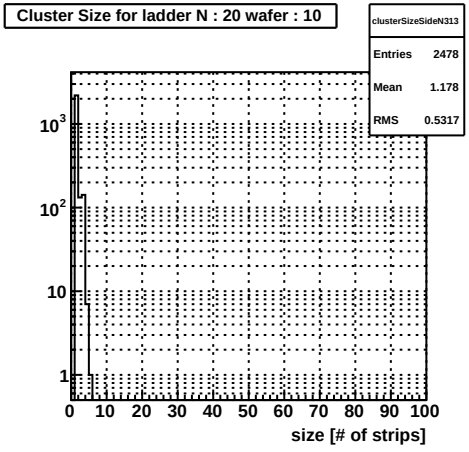

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 235
Mean 1.294
RMS 0.6214
size [# of strips]

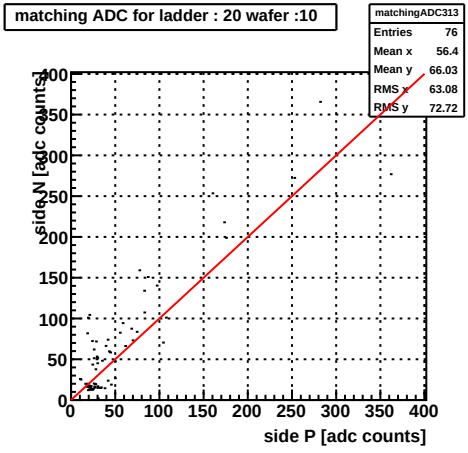

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 20
Mean x 88.4
Mean y 82.5
RMS x 64.96
RMS y 70.15
side N [adc counts]
side P [adc counts]

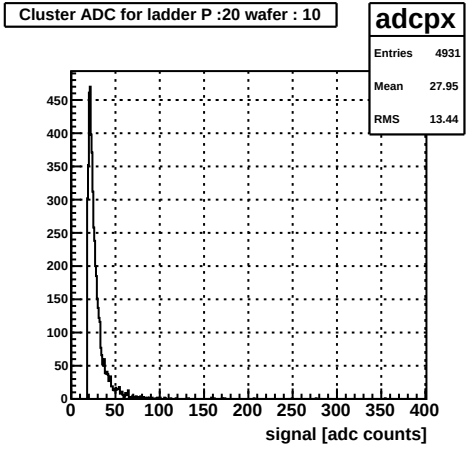

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1006
Mean 33.57
RMS 27.74
signal [adc counts]

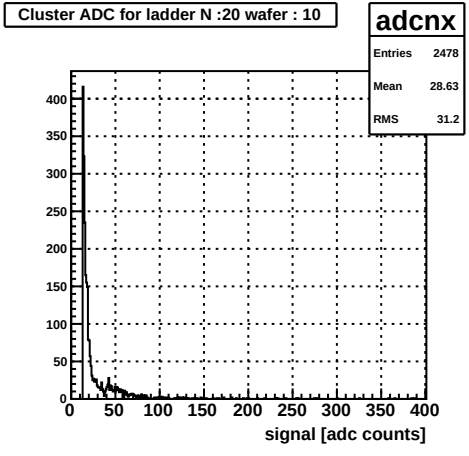

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 235
Mean 45.08
RMS 49.58
signal [adc counts]

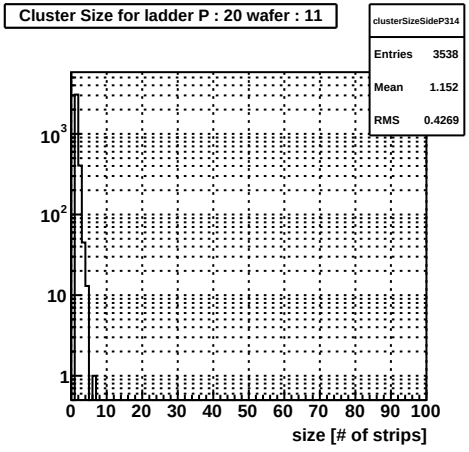

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 4931
Mean 1.064
RMS 0.2671
size [# of strips]

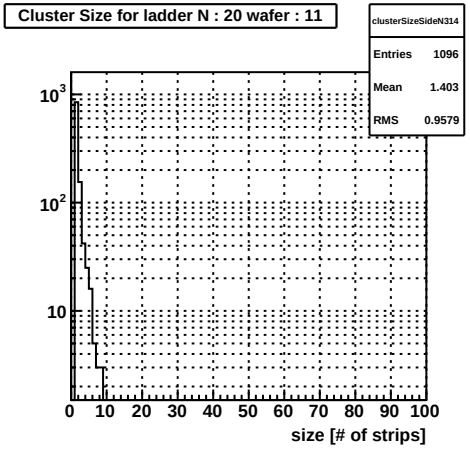

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 2478
Mean 1.178
RMS 0.5317
size [# of strips]

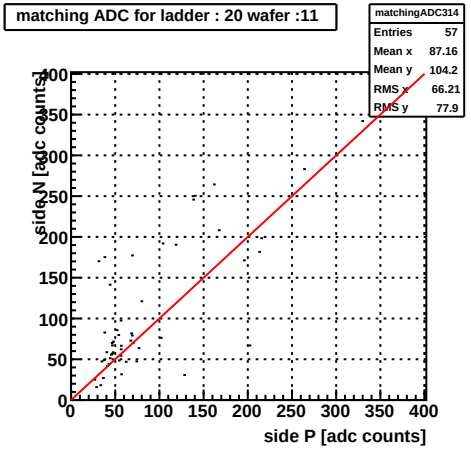

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 76
Mean x 56.4
Mean y 66.03
RMS x 63.08
RMS y 72.72
side N [adc counts]
side P [adc counts]

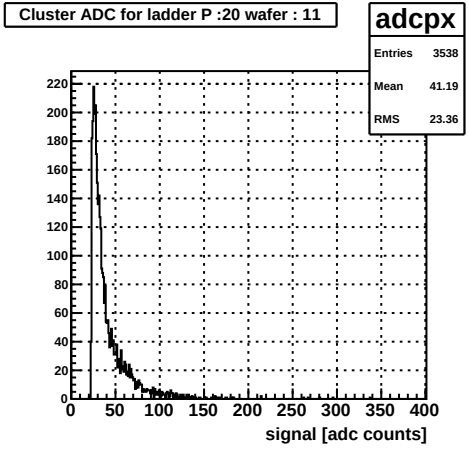

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 4931
Mean 27.95
RMS 13.44
signal [adc counts]

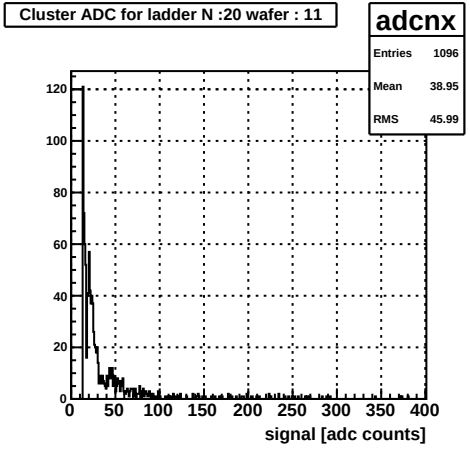

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 2478
Mean 28.63
RMS 31.2
signal [adc counts]

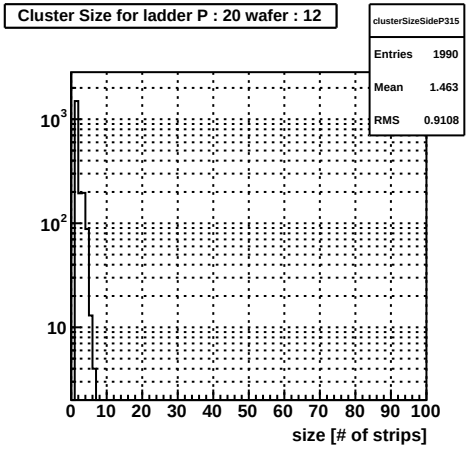

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3538
Mean 1.152
RMS 0.4269
size [# of strips]

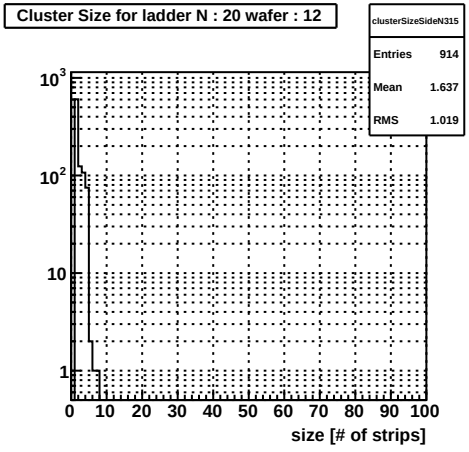

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1096
Mean 1.403
RMS 0.9579
size [# of strips]

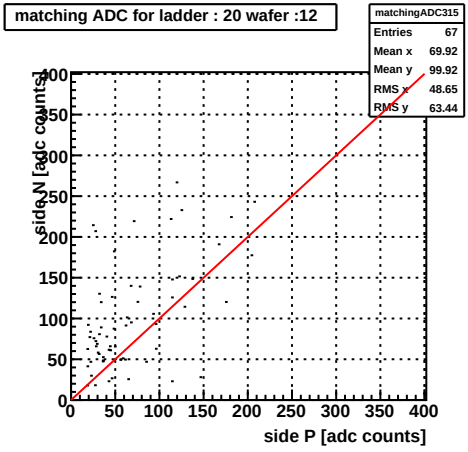

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 57
Mean x 87.16
Mean y 104.2
RMS x 66.21
RMS y 77.9
side N [adc counts]
side P [adc counts]

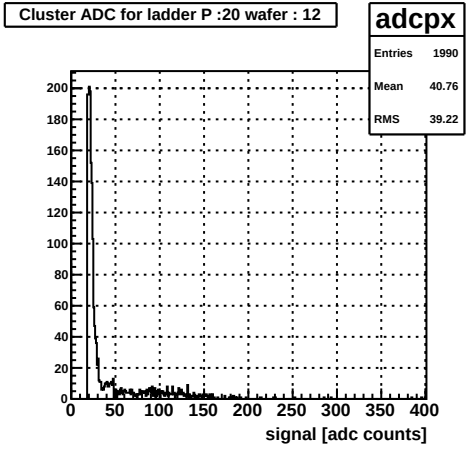

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3538
Mean 41.19
RMS 23.36
signal [adc counts]

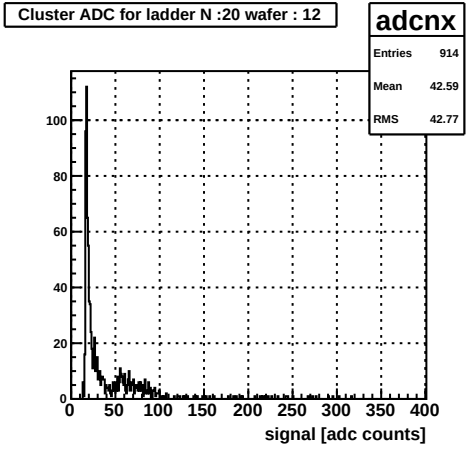

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1096
Mean 38.95
RMS 45.99
signal [adc counts]

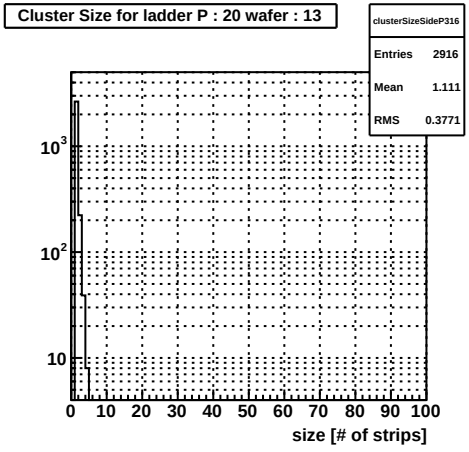

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 1990
Mean 1.463
RMS 0.9108
size [# of strips]

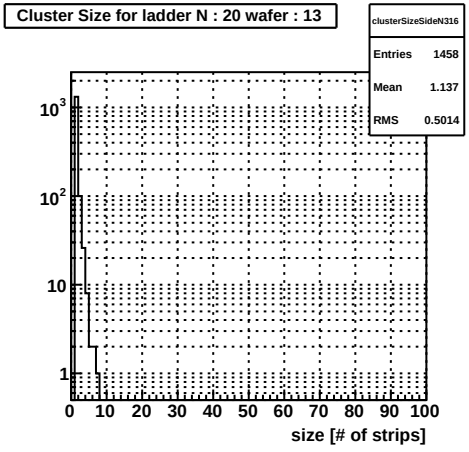

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 914
Mean 1.637
RMS 1.019
size [# of strips]

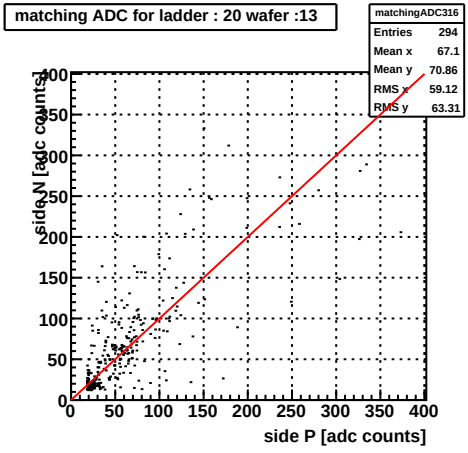

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 67
Mean x 69.92
Mean y 99.92
RMS x 48.65
RMS y 63.44
side N [adc counts]
side P [adc counts]

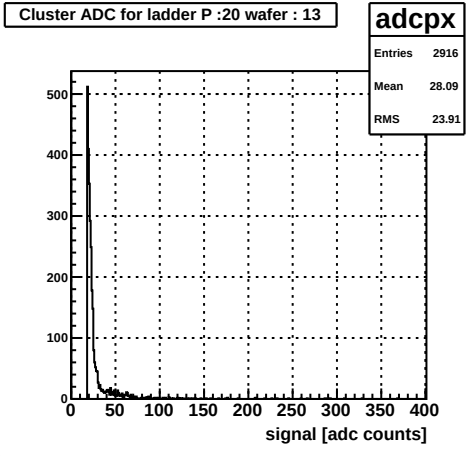

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 1990
Mean 40.76
RMS 39.22
signal [adc counts]

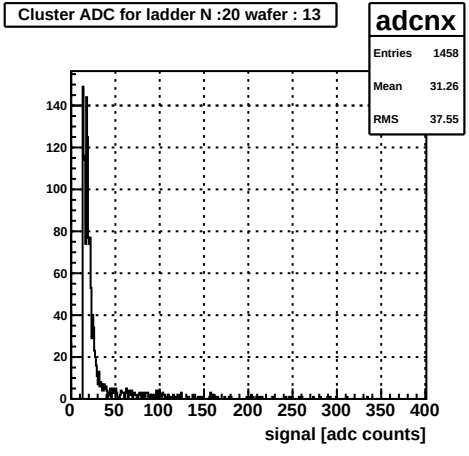

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 914
Mean 42.59
RMS 42.77
signal [adc counts]

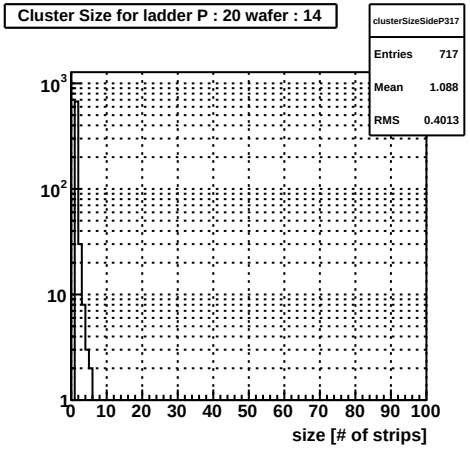

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 2916
Mean 1.111
RMS 0.3771
size [# of strips]

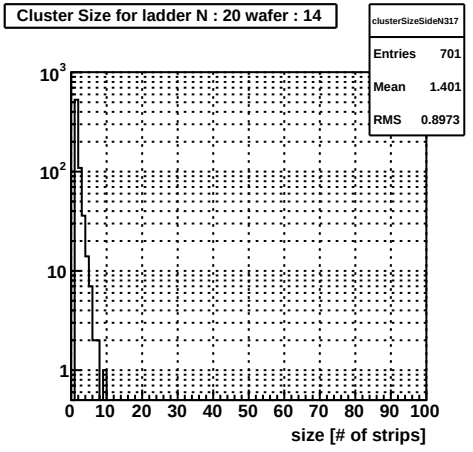

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 1458
Mean 1.137
RMS 0.5014
size [# of strips]

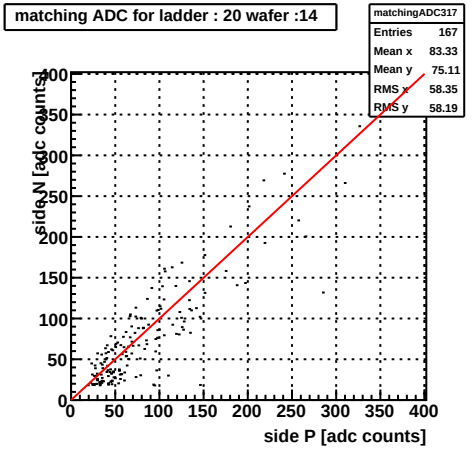

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 294
Mean x 67.1
Mean y 70.86
RMS x 59.12
RMS y 63.31
side N [adc counts]
side P [adc counts]

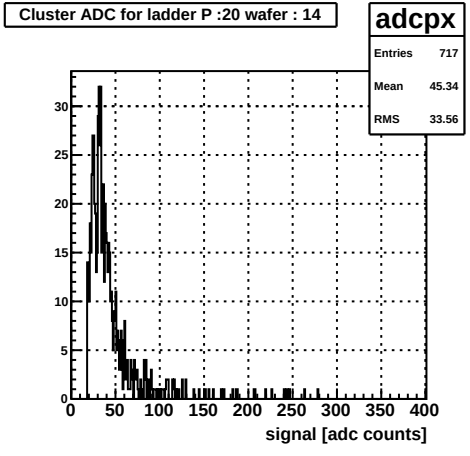

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 2916
Mean 28.09
RMS 23.91
signal [adc counts]

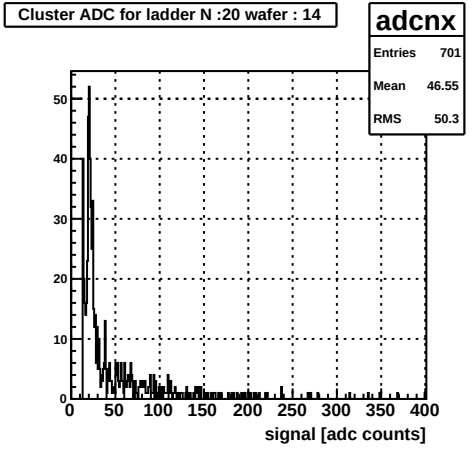

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 1458
Mean 31.26
RMS 37.55
signal [adc counts]

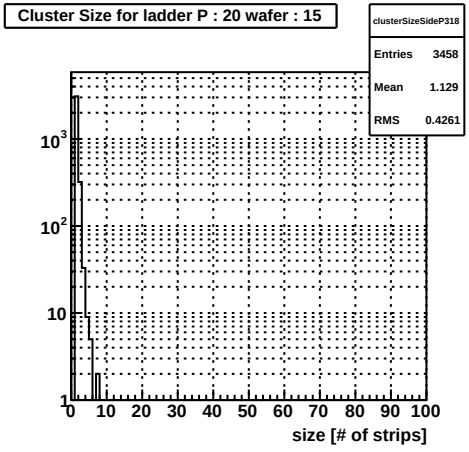

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 717
Mean 1.088
RMS 0.4013
size [# of strips]

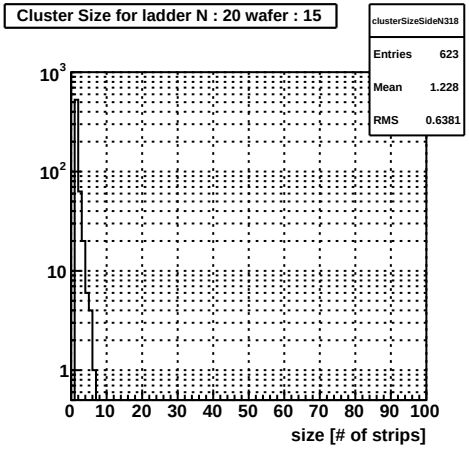

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 701
Mean 1.401
RMS 0.8973
size [# of strips]

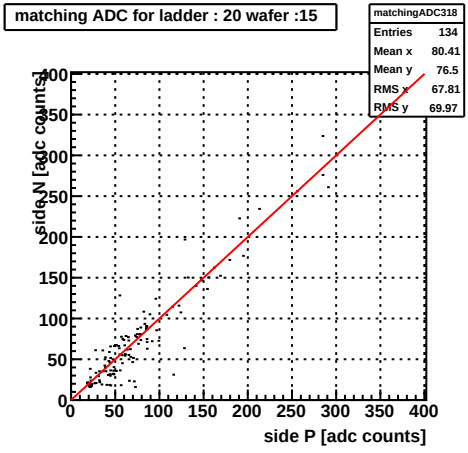

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 167
Mean x 83.33
Mean y 75.11
RMS x 58.35
RMS y 58.19
side N [adc counts]
side P [adc counts]

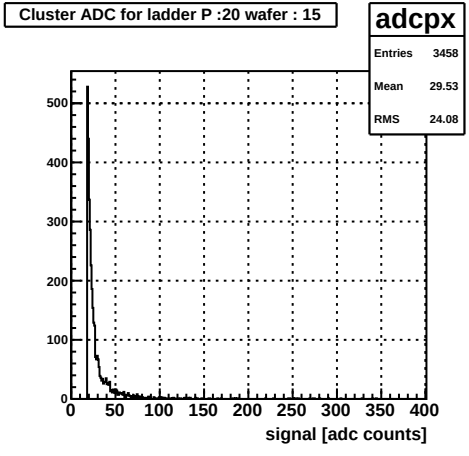

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 717
Mean 45.34
RMS 33.56
signal [adc counts]

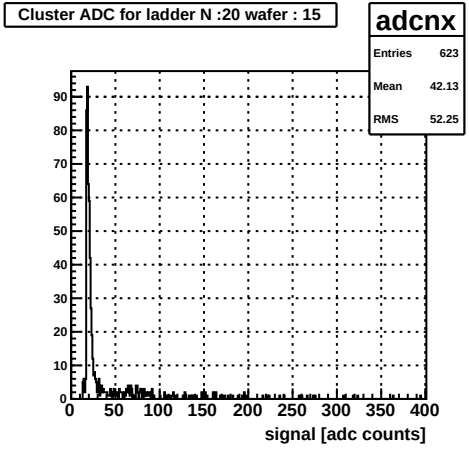

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 701
Mean 46.55
RMS 50.3
signal [adc counts]

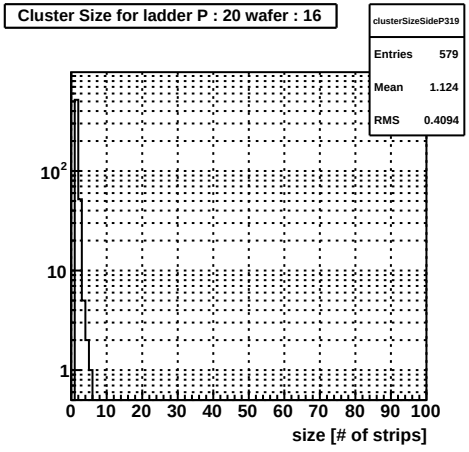

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 3458
Mean 1.129
RMS 0.4261
size [# of strips]

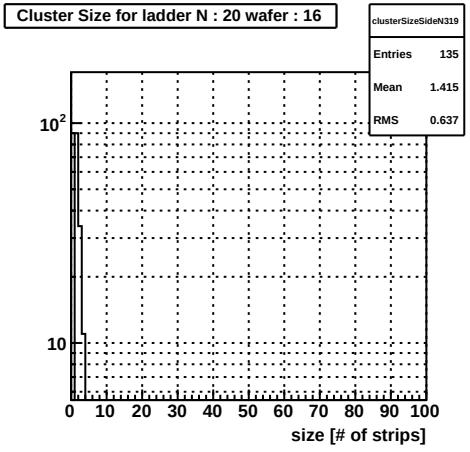

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 623
Mean 1.228
RMS 0.6381
size [# of strips]

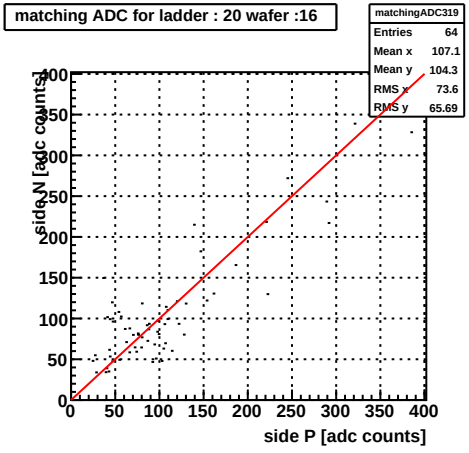

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 134
Mean x 80.41
Mean y 76.5
RMS x 67.81
RMS y 69.97
side N [adc counts]
side P [adc counts]

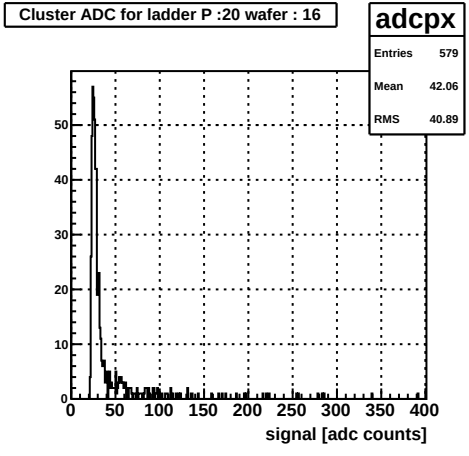

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 3458
Mean 29.53
RMS 24.08
signal [adc counts]

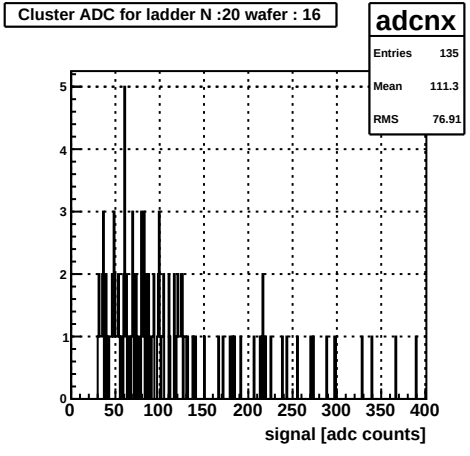

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 623
Mean 42.13
RMS 52.25
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 579
Mean 1.124
RMS 0.4094
size [# of strips]

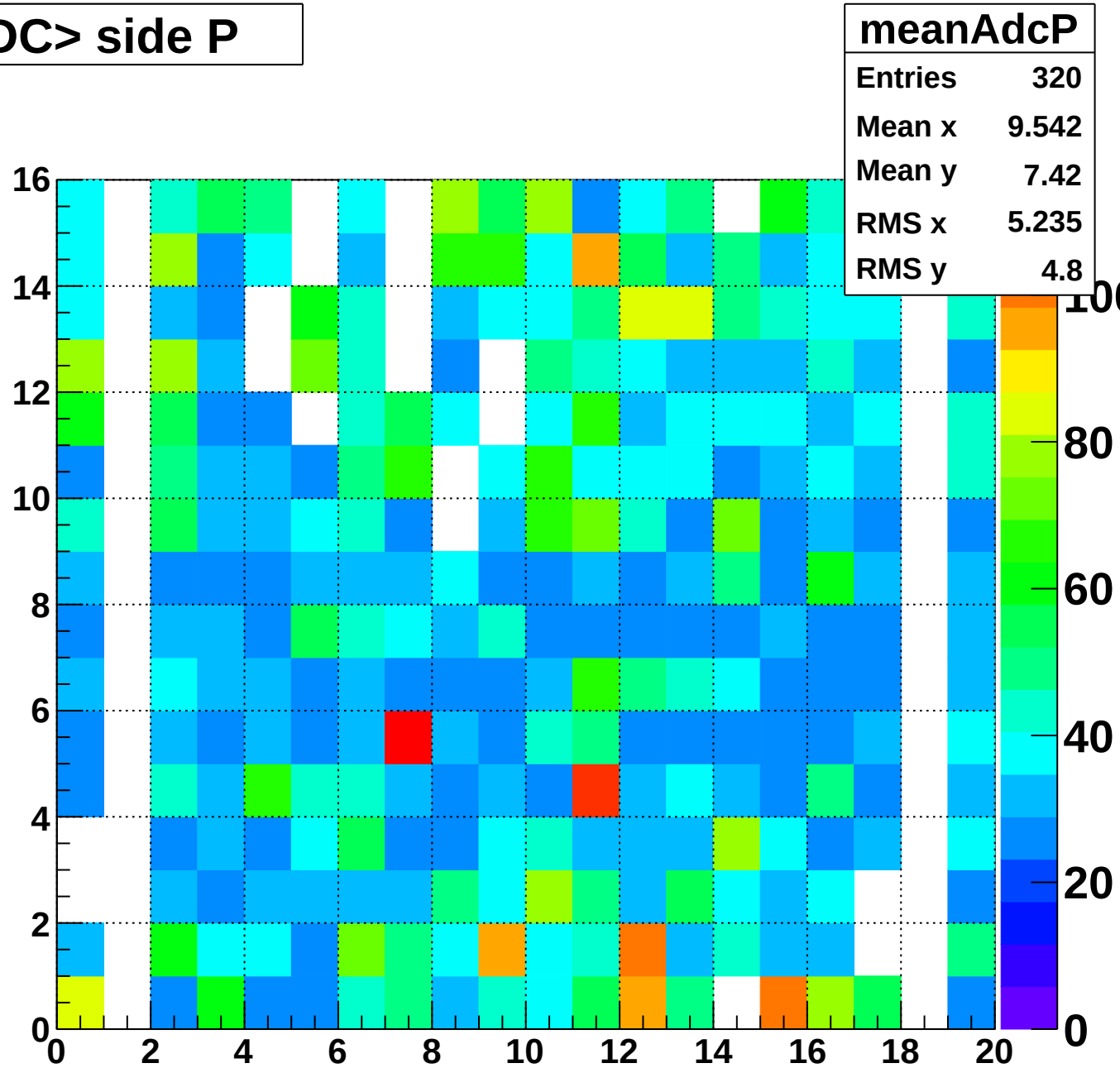

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 135
Mean 1.415
RMS 0.637
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 64
Mean x 107.1
Mean y 104.3
RMS x 73.6
RMS y 65.69
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 579
Mean 42.06
RMS 40.89
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 135
Mean 111.3
RMS 76.91
signal [adc counts]

<ADC> side P



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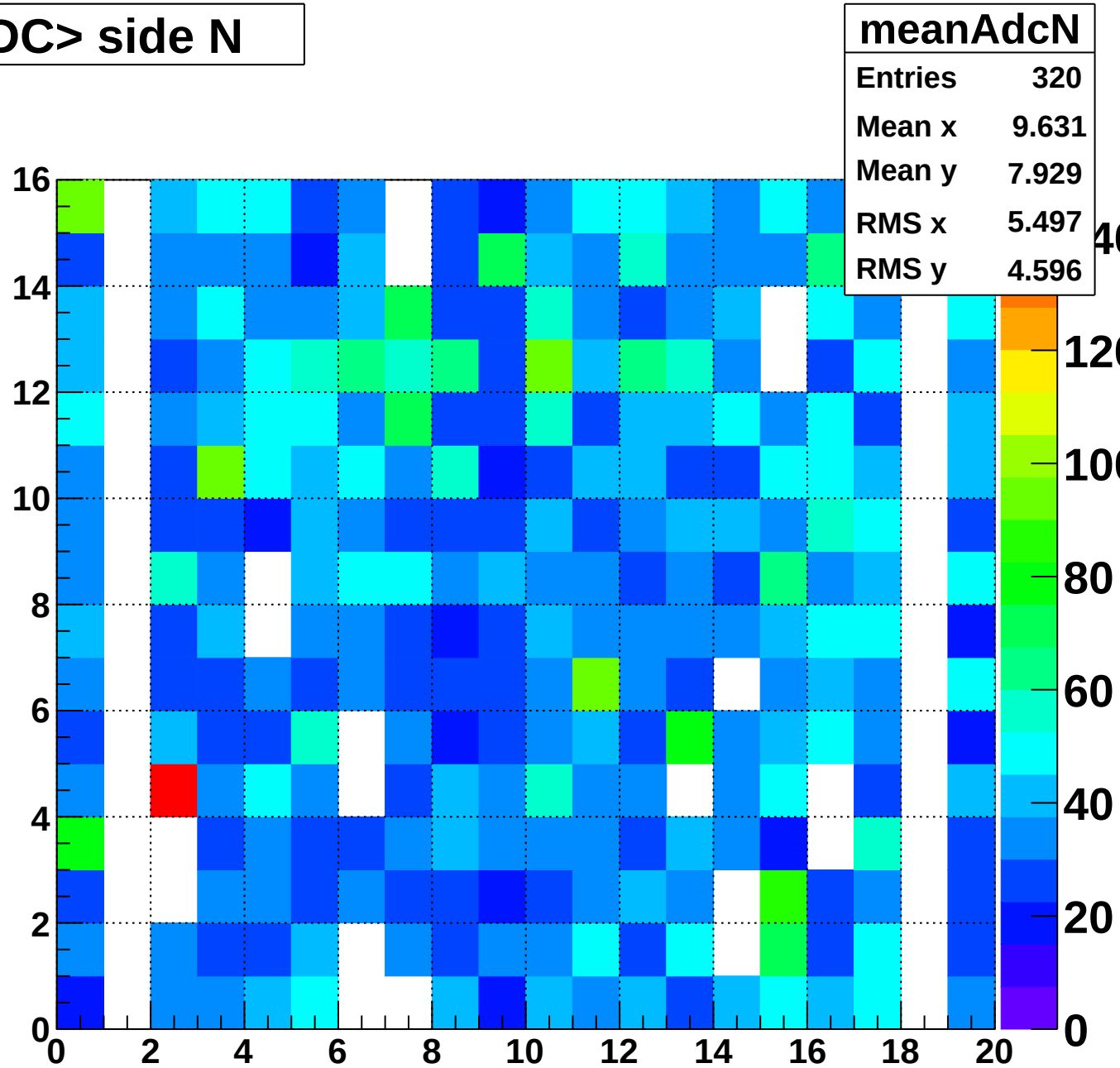
<ADC> side N



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